REPORT- BEPS Building Energy Performance WEATHER FILE- New York CityNY TMY2

	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
EM1 ELECTRICITY													
MBTU	1921.2	194.2	1522.8	1101.6	3613.7	19.2	930.7	6129.3	1445.0	0.0	275.7	921.7	18075.0
EM2- ELECTRICITY													
MBTU	6943.6	0.0	2970.7	0.0	2106.9	49.1	4.9	1045.7	0.0	0.0	0.0	0.0	13120.9
EM3- ELECTRICITY													
MBTU	4234.1	1.9	1451.7	75.2	7530.9	0.0	0.0	582.6	0.0	0.0	0.0	0.0	13876.4
DM1 ELECTRICITY													
MBTU	0.0	0.0	2352.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2352.4
EM4 ELECTRICITY													
MBTU	0.0	0.0	0.0	0.0	0.0	0.0	128.8	0.0	0.0	0.0	0.0	0.0	128.8
EM5 ELECTRICITY													
MBTU	0.0	0.0	0.0	0.0	0.0	0.0	8721.5	0.0	0.0	0.0	0.0	0.0	8721.5
FM1 NATURAL-GAS													
MBTU	0.0	0.0	0.0	27041.0	0.0	0.0	0.0	0.0	0.0	0.0	4736.0	0.0	31776.9
MBTU	13098.8	196.1	8297.6	28217.7	13251.5	68.3	9786.0	7757.7	1445.0	0.0	5011.6	921.7	88051.9

TOTAL SITE ENERGY 88051.92 MBTU 75.4 KBTU/SQFT-YR GROSS-AREA 75.4 KBTU/SQFT-YR NET-AREA
TOTAL SOURCE ENERGY 200602.12 MBTU 171.8 KBTU/SQFT-YR GROSS-AREA 171.8 KBTU/SQFT-YR NET-AREA

PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF THROTTLING RANGE = 0.59
PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED = 0.00
HOURS ANY ZONE ABOVE COOLING THROTTLING RANGE = 0
HOURS ANY ZONE BELOW HEATING THROTTLING RANGE = 52

NOTE: ENERGY IS APPORTIONED HOURLY TO ALL END-USE CATEGORIES.

REPORT- BEPU Building Utility Performance WEATHER FILE- New York CityNY TMY2

	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
EM1 ELECTRICITY													
KWH	562898.	56896.	446168.	322758.	1058815.	5630.	272706.	1795890.	423382.	0.	80767.	270071.	5295980.
EM2- ELECTRICITY													
KWH	2034476.	0.	870404.	0.	617310.	14381.	1444.	306400.	0.	0.	0.	0.	3844411.
EM3- ELECTRICITY													
KWH	1240584.	552.	425345.	22029.	2206556.	0.	0.	170712.	0.	0.	0.	0.	4065781.
DM1 ELECTRICITY													
KWH	0.	0.	689267.	0.	0.	0.	0.	0.	0.	0.	0.	0.	689267.
EM4 ELECTRICITY													
KWH	0.	0.	0.	0.	0.	0.	37736.	0.	0.	0.	0.	0.	37736.
EM5 ELECTRICITY													
KWH	0.	0.	0.	0.	0.	0.	2555406.	0.	0.	0.	0.	0.	2555406.
FM1 NATURAL-GAS													
THERM	0.	0.	0.	270410.	0.	0.	0.	0.	0.	0.	47360.	0.	317769.

TOTAL ELECTRICITY 16488581. KWH 14.124 KWH /SQFT-YR GROSS-AREA 14.124 KWH /SQFT-YR NET-AREA
TOTAL NATURAL-GAS 317769. THERM 0.272 THERM /SQFT-YR GROSS-AREA 0.272 THERM /SQFT-YR NET-AREA

PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF THROTTLING RANGE = 0.59
PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED = 0.00
HOURS ANY ZONE ABOVE COOLING THROTTLING RANGE = 0
HOURS ANY ZONE BELOW HEATING THROTTLING RANGE = 52

NOTE: ENERGY IS APPORTIONED HOURLY TO ALL END-USE CATEGORIES.

REPORT- ES-D Energy Cost Summary WEATHER FILE- New York CityNY TMY2

UTILITY-RATE	RESOURCE	METERS	METERED ENERGY UNITS/YR	TOTAL CHARGE ($)	VIRTUAL RATE ($/UNIT)	RATE USED ALL YEAR?
ConEd SC9	ELECTRICITY	EM1 EM2- EM4 EM5	11733537. KWH	2374068.	0.2023	YES
Gas Rate ConEd SC3	NATURAL-GAS	FM1	317769. THERM	337557.	1.0623	YES
ConEd SC1-Rate I	ELECTRICITY	EM3-	4065781. KWH	862322.	0.2121	YES
				3573947.		

ENERGY COST/GROSS BLDG AREA: 3.06
ENERGY COST/NET BLDG AREA: 3.06

REPORT- LV-B Summary of Spaces WEATHER FILE- New York CityNY TMY2

NUMBER OF SPACES 529 EXTERIOR 334 INTERIOR 195

SPACE	SPACE*FLOOR MULTIPLIER	SPACE TYPE	AZIM	LIGHTS (WATT / SQFT)	PEOPLE	EQUIP (WATT / SQFT)	INFILTRATION METHOD	ACH	AREA (SQFT)	VOLUME (CUFT)
Spaces on floor: SC3Below-Grade Flr										
SC3North Perim Spc (B.N1)	1.0	INT	90.0	1.00	31.5	0.25	NO-INFILT.	0.00	7871.5	78714.5
SC3SSW Perim Spc (B.SSW2)	1.0	INT	0.0	1.00	31.6	0.25	NO-INFILT.	0.00	7891.8	78917.5
SC3Core Spc (B.C3)	1.0	INT	0.0	1.00	0.7	0.25	NO-INFILT.	0.00	173.1	1731.3
SC3Core Spc (B.C4)	1.0	INT	0.0	1.00	0.7	0.25	NO-INFILT.	0.00	177.0	1770.0
SC3Core Spc (B.C5)	1.0	INT	0.0	1.00	0.9	0.25	NO-INFILT.	0.00	223.8	2237.5
SC3Core Spc (B.C6)	1.0	INT	0.0	1.00	1.9	0.25	NO-INFILT.	0.00	483.5	4835.0
SC3ESE Perim Spc (B.ESE7)	1.0	INT	-90.0	1.00	1.2	0.25	NO-INFILT.	0.00	311.1	3111.3
Spaces on floor: SC2Below-Grade Flr										
SC2WNW Perim Spc (B.WNW1)	1.0	INT	90.0	1.70	38.9	1.00	NO-INFILT.	0.00	1944.0	27216.0
SC2NNE Perim Spc (B.NNE2)	1.0	INT	45.0	1.70	51.8	1.00	NO-INFILT.	0.00	2589.4	36251.9
SC2Core Spc (B.C3)	1.0	INT	0.0	1.70	18.9	1.00	NO-INFILT.	0.00	946.4	13249.6
SC2Core Spc (B.C4)	1.0	INT	0.0	1.70	147.8	1.00	NO-INFILT.	0.00	7390.9	103472.1
SC2SW Perim Spc (B.SW5)	1.0	INT	0.0	1.70	19.7	1.00	NO-INFILT.	0.00	984.0	13776.0
SC2WNW Perim Spc (B.WNW6)	1.0	INT	90.0	1.70	6.7	1.00	NO-INFILT.	0.00	333.8	4672.5
SC2SSW Perim Spc (B.SSW7)	1.0	INT	0.0	1.00	40.7	0.25	NO-INFILT.	0.00	2033.3	28465.5
SC2ESE Perim Spc (B.ESE8)	1.0	INT	-90.0	1.00	54.1	0.25	NO-INFILT.	0.00	2705.3	37873.5
SC2Core Spc (B.C9)	1.0	INT	0.0	1.70	173.1	1.00	NO-INFILT.	0.00	8653.2	121145.0
SC2Core Spc (B.C10)	1.0	INT	0.0	1.70	21.5	1.00	NO-INFILT.	0.00	1076.2	15067.0
SC2Core Spc (B.C11)	1.0	INT	0.0	1.00	114.7	0.25	NO-INFILT.	0.00	5737.3	80322.0
Spaces on floor: SC1Below-Grade Flr										
SC1WNW Perim Spc (B.WNW1)	1.0	INT	90.0	1.70	38.9	1.00	NO-INFILT.	0.00	1944.0	34020.0
SC1NNE Perim Spc (B.NNE2)	1.0	INT	45.0	1.70	51.8	1.00	NO-INFILT.	0.00	2589.4	45314.9
SC1Core Spc (B.C3)	1.0	INT	0.0	1.70	18.9	1.00	NO-INFILT.	0.00	946.4	16562.0
SC1Core Spc (B.C4)	1.0	INT	0.0	1.70	147.8	1.00	NO-INFILT.	0.00	7390.9	129340.1
SC1SW Perim Spc (B.SW5)	1.0	INT	0.0	1.70	19.7	1.00	NO-INFILT.	0.00	984.0	17220.0
SC1WNW Perim Spc (B.WNW6)	1.0	INT	90.0	1.70	6.7	1.00	NO-INFILT.	0.00	333.8	5840.6
SC1SSW Perim Spc (B.SSW7)	1.0	INT	0.0	1.70	40.7	1.00	NO-INFILT.	0.00	2033.3	35581.9
SC1ESE Perim Spc (B.ESE8)	1.0	INT	-90.0	1.00	54.1	0.25	NO-INFILT.	0.00	2705.3	47341.9
SC1Core Spc (B.C9)	1.0	INT	0.0	1.70	173.1	1.00	NO-INFILT.	0.00	8653.2	151431.2
SC1Core Spc (B.C10)	1.0	INT	0.0	1.70	21.5	1.00	NO-INFILT.	0.00	1076.2	18833.8
SC1Core Spc (B.C11)	1.0	INT	0.0	1.70	114.7	1.00	NO-INFILT.	0.00	5737.3	100402.5
Spaces on floor: CBelow-Grade Flr										
CWNW Perim Spc (B.WNW1)	1.0	INT	90.0	1.70	38.9	1.00	NO-INFILT.	0.00	1944.0	34020.0
CNNE Perim Spc (B.NNE2)	1.0	INT	45.0	1.70	51.8	1.00	NO-INFILT.	0.00	2589.4	45314.9
CCore Spc (B.C3)	1.0	INT	0.0	1.70	18.9	1.00	NO-INFILT.	0.00	946.4	16562.0
CCore Spc (B.C4)	1.0	INT	0.0	1.70	147.8	1.00	NO-INFILT.	0.00	7390.9	129340.1
CSW Perim Spc (B.SW5)	1.0	INT	0.0	1.70	19.7	1.00	NO-INFILT.	0.00	984.0	17220.0
CWNW Perim Spc (B.WNW6)	1.0	INT	90.0	1.70	6.7	1.00	NO-INFILT.	0.00	333.8	5840.6

REPORT- LV-B Summary of Spaces WEATHER FILE- New York CityNY TMY2

(CONTINUED)

CSSW Perim Spc (B.SSW7)	1.0	INT	0.0	1.70	40.7	1.00	NO-INFILT.	0.00	2033.3	35581.9	
CESE Perim Spc (B.ESE8)	1.0	INT	-90.0	1.00	54.1	0.25	NO-INFILT.	0.00	2705.3	47341.9	
CCore Spc (B.C9)	1.0	INT	0.0	1.70	173.1	1.00	NO-INFILT.	0.00	8653.2	151431.2	
CCore Spc (B.C10)	1.0	INT	0.0	1.70	21.5	1.00	NO-INFILT.	0.00	1076.2	18833.8	
CCore Spc (B.C11)	1.0	INT	0.0	1.70	114.7	1.00	NO-INFILT.	0.00	5737.3	100402.5	
Spaces on floor: GGround Flr											
GNW Perim Spc (G.NW1)	1.0	EXT	90.0	1.70	18.9	1.00	AIR-CHANGE	0.20	946.4	14196.0	
GNW Perim Spc (G.NW2)	1.0	EXT	45.0	1.00	53.7	0.25	AIR-CHANGE	0.04	2684.9	40273.1	
GNNE Perim Spc (G.NNE3)	1.0	EXT	33.3	1.70	24.6	1.00	AIR-CHANGE	0.16	1231.5	18472.2	
GSSW Perim Spc (G.SSW4)	1.0	EXT	0.0	1.70	7.3	1.00	AIR-CHANGE	0.15	367.5	5512.5	
GWest Perim Spc (G.W5)	1.0	EXT	90.0	1.70	16.8	1.00	AIR-CHANGE	0.11	837.8	12566.3	
GEast Perim Spc (G.E6)	1.0	EXT	135.0	1.70	18.3	1.00	AIR-CHANGE	0.15	917.2	13757.5	
GNNE Perim Spc (G.NNE7)	1.0	EXT	180.0	1.70	63.8	1.00	AIR-CHANGE	0.04	3191.1	47866.2	
GWest Perim Spc (G.W8)	1.0	EXT	66.6	1.70	9.8	1.00	AIR-CHANGE	0.23	488.1	7321.6	
GSSW Perim Spc (G.SSW9)	1.0	EXT	0.0	1.70	20.0	1.00	AIR-CHANGE	0.16	998.6	14979.4	
GESE Perim Spc (G.ESE10)	1.0	EXT	-90.0	1.70	9.0	1.00	AIR-CHANGE	0.11	449.1	6736.8	
GESE Perim Spc (G.ESE11)	1.0	EXT	0.0	1.70	46.1	1.00	AIR-CHANGE	0.13	2304.7	34571.2	
GSSW Perim Spc (G.SSW12)	1.0	EXT	0.0	1.70	37.4	1.00	AIR-CHANGE	0.17	1871.3	28068.8	
GCore Spc (G.C13)	1.0	INT	0.0	1.70	62.9	1.00	AIR-CHANGE	0.00	3143.8	47157.0	
GCore Spc (G.C14)	1.0	INT	0.0	1.70	11.6	1.00	AIR-CHANGE	0.00	581.2	8717.6	
GNNE Perim Spc (G.NNE15)	1.0	EXT	-90.0	1.70	43.7	1.00	AIR-CHANGE	0.08	2182.5	32737.5	
GCore Spc (G.C16)	1.0	INT	0.0	1.70	87.5	1.00	AIR-CHANGE	0.00	4376.0	65640.7	
GCore Spc (G.C17)	1.0	INT	0.0	1.70	152.4	1.00	AIR-CHANGE	0.00	7621.7	114325.0	
GPlnm (G.18)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.06	34193.8	68387.5	
Spaces on floor: 1MGround Flr											
1MNW Perim Spc (G.NW1)	1.0	EXT	90.0	1.70	20.3	1.00	AIR-CHANGE	0.19	1014.0	8112.0	
1MNorth Perim Spc (G.N2)	1.0	EXT	180.0	1.70	42.1	1.00	AIR-CHANGE	0.15	2105.3	16842.0	
1MSW Perim Spc (G.SW3)	1.0	EXT	66.6	1.70	30.1	1.00	AIR-CHANGE	0.18	1506.9	12055.1	
1MSW Perim Spc (G.SW4)	1.0	EXT	90.0	1.70	22.7	1.00	AIR-CHANGE	0.12	1134.8	9078.0	
1MSSW Perim Spc (G.SSW5)	1.0	EXT	0.0	1.70	45.0	1.00	AIR-CHANGE	0.17	2247.8	17982.0	
1MNNE Perim Spc (G.NNE6)	1.0	EXT	180.0	1.70	44.2	1.00	AIR-CHANGE	0.16	2210.3	17682.0	
1MESE Perim Spc (G.ESE7)	1.0	EXT	135.0	1.70	54.1	1.00	AIR-CHANGE	0.16	2704.8	21638.4	
1MCore Spc (G.C8)	1.0	INT	0.0	1.00	60.6	0.25	AIR-CHANGE	0.01	3032.1	24256.5	
1MCore Spc (G.C9)	1.0	INT	0.0	1.70	28.0	1.00	AIR-CHANGE	0.01	1399.3	11194.6	
1MCore Spc (G.C10)	1.0	INT	0.0	1.00	88.4	0.25	AIR-CHANGE	0.01	4420.3	35362.6	
1MCore Spc (G.C11)	1.0	INT	0.0	1.70	287.0	1.00	AIR-CHANGE	0.01	14350.5	114804.3	
Spaces on floor: 25Ground Flr											
25NW Perim Spc (G.NW1)	1.0	EXT	90.0	1.70	20.3	1.00	AIR-CHANGE	0.19	1014.0	17745.0	
25North Perim Spc (G.N2)	1.0	EXT	180.0	1.70	42.1	1.00	AIR-CHANGE	0.15	2105.3	36841.9	
25SSW Perim Spc (G.SSW3)	1.0	EXT	0.0	1.70	7.3	1.00	AIR-CHANGE	0.15	367.5	6431.3	
25West Perim Spc (G.W4)	1.0	EXT	90.0	1.70	16.8	1.00	AIR-CHANGE	0.11	837.8	14660.6	
25SSW Perim Spc (G.SSW5)	1.0	EXT	0.0	1.70	44.0	1.00	AIR-CHANGE	0.18	2197.5	38456.3	
25Core Spc (G.C6)	1.0	INT	0.0	1.70	115.6	1.00	AIR-CHANGE	0.00	5780.4	101157.4	
25West Perim Spc (G.W7)	1.0	EXT	66.6	1.70	9.8	1.00	AIR-CHANGE	0.23	488.1	8541.8	
25SSW Perim Spc (G.SSW8)	1.0	EXT	0.0	1.70	20.0	1.00	AIR-CHANGE	0.16	998.6	17475.9	
25ESE Perim Spc (G.ESE9)	1.0	EXT	135.0	1.70	29.8	1.00	AIR-CHANGE	0.16	1491.1	26094.6	
25ESE Perim Spc (G.ESE10)	1.0	EXT	-90.0	1.70	24.3	1.00	AIR-CHANGE	0.17	1214.3	21249.4	
25NNE Perim Spc (G.NNE11)	1.0	EXT	90.0	1.70	32.6	1.00	AIR-CHANGE	0.15	1631.3	28546.9	
25NNE Perim Spc (G.NNE12)	1.0	EXT	180.0	1.70	11.6	1.00	AIR-CHANGE	0.18	579.0	10132.5	
25Core Spc (G.C13)	1.0	INT	0.0	1.70	23.2	1.00	AIR-CHANGE	0.00	1161.6	20327.7	
25Core Spc (G.C14)	1.0	INT	0.0	1.70	33.9	1.00	AIR-CHANGE	0.00	1696.5	29688.8	

REPORT- LV-B Summary of Spaces WEATHER FILE- New York CityNY TMY2

(CONTINUED)

25Core Spc (G.C15)	1.0	INT	0.0	1.70	187.0	1.00	AIR-CHANGE	0.00	9348.3	163594.4
25Core Spc (G.C16)	1.0	INT	0.0	1.70	104.3	1.00	AIR-CHANGE	0.00	5215.5	91270.9
Spaces on floor: 25Mid Flrs										
25NW Perim Spc (M.NW17)	2.0	EXT	90.0	1.70	20.3	1.00	AIR-CHANGE	0.19	1014.0	17745.0
25North Perim Spc (M.N18)	2.0	EXT	180.0	1.70	42.1	1.00	AIR-CHANGE	0.15	2105.3	36841.9
25SSW Perim Spc (M.SSW19)	2.0	EXT	0.0	1.70	7.3	1.00	AIR-CHANGE	0.15	367.5	6431.3
25West Perim Spc (M.W20)	2.0	EXT	90.0	1.70	16.8	1.00	AIR-CHANGE	0.11	837.8	14660.6
25SSW Perim Spc (M.SSW21)	2.0	EXT	0.0	1.70	44.0	1.00	AIR-CHANGE	0.18	2197.5	38456.3
25Core Spc (M.C22)	2.0	INT	0.0	1.70	115.6	1.00	AIR-CHANGE	0.00	5780.4	101157.4
25West Perim Spc (M.W23)	2.0	EXT	66.6	1.70	9.8	1.00	AIR-CHANGE	0.23	488.1	8541.8
25SSW Perim Spc (M.SSW24)	2.0	EXT	0.0	1.70	20.0	1.00	AIR-CHANGE	0.16	998.6	17475.9
25ESE Perim Spc (M.ESE25)	2.0	EXT	135.0	1.70	29.8	1.00	AIR-CHANGE	0.16	1491.1	26094.6
25ESE Perim Spc (M.ESE26)	2.0	EXT	-90.0	1.70	24.3	1.00	AIR-CHANGE	0.17	1214.3	21249.4
25NNE Perim Spc (M.NNE27)	2.0	EXT	90.0	1.70	32.6	1.00	AIR-CHANGE	0.15	1631.3	28546.9
25NNE Perim Spc (M.NNE28)	2.0	EXT	180.0	1.70	11.6	1.00	AIR-CHANGE	0.18	579.0	10132.5
25Core Spc (M.C29)	2.0	INT	0.0	1.70	23.2	1.00	AIR-CHANGE	0.00	1161.6	20327.7
25Core Spc (M.C30)	2.0	INT	0.0	1.70	33.9	1.00	AIR-CHANGE	0.00	1696.5	29688.8
25Core Spc (M.C31)	2.0	INT	0.0	1.70	187.0	1.00	AIR-CHANGE	0.00	9348.3	163594.4
25Core Spc (M.C32)	2.0	INT	0.0	1.70	104.3	1.00	AIR-CHANGE	0.00	5215.5	91270.9
Spaces on floor: 25Top Flr										
25NW Perim Spc (T.NW33)	1.0	EXT	90.0	1.70	20.3	1.00	AIR-CHANGE	0.19	1014.0	17745.0
25North Perim Spc (T.N34)	1.0	EXT	180.0	1.70	42.1	1.00	AIR-CHANGE	0.15	2105.3	36841.9
25SSW Perim Spc (T.SSW35)	1.0	EXT	0.0	1.70	7.3	1.00	AIR-CHANGE	0.15	367.5	6431.3
25West Perim Spc (T.W36)	1.0	EXT	90.0	1.70	16.8	1.00	AIR-CHANGE	0.11	837.8	14660.6
25SSW Perim Spc (T.SSW37)	1.0	EXT	0.0	1.70	44.0	1.00	AIR-CHANGE	0.18	2197.5	38456.3
25Core Spc (T.C38)	1.0	INT	0.0	1.70	115.6	1.00	AIR-CHANGE	0.00	5780.4	101157.4
25West Perim Spc (T.W39)	1.0	EXT	66.6	1.70	9.8	1.00	AIR-CHANGE	0.23	488.1	8541.8
25SSW Perim Spc (T.SSW40)	1.0	EXT	0.0	1.70	20.0	1.00	AIR-CHANGE	0.16	998.6	17475.9
25ESE Perim Spc (T.ESE41)	1.0	EXT	135.0	1.70	29.8	1.00	AIR-CHANGE	0.16	1491.1	26094.6
25ESE Perim Spc (T.ESE42)	1.0	EXT	-90.0	1.70	24.3	1.00	AIR-CHANGE	0.17	1214.3	21249.4
25NNE Perim Spc (T.NNE43)	1.0	EXT	90.0	1.70	32.6	1.00	AIR-CHANGE	0.15	1631.3	28546.9
25NNE Perim Spc (T.NNE44)	1.0	EXT	180.0	1.70	11.6	1.00	AIR-CHANGE	0.18	579.0	10132.5
25Core Spc (T.C45)	1.0	INT	0.0	1.70	23.2	1.00	AIR-CHANGE	0.00	1161.6	20327.7
25Core Spc (T.C46)	1.0	INT	0.0	1.70	33.9	1.00	AIR-CHANGE	0.00	1696.5	29688.8
25Core Spc (T.C47)	1.0	INT	0.0	1.70	187.0	1.00	AIR-CHANGE	0.00	9348.3	163594.4
25Core Spc (T.C48)	1.0	INT	0.0	1.70	104.3	1.00	AIR-CHANGE	0.00	5215.5	91270.9
Spaces on floor: 6MCGround Flr										
6MCWSW Perim Spc (G.WSW1)	1.0	EXT	66.6	1.00	11.3	0.25	AIR-CHANGE	0.18	2836.6	102119.2
6MCNorth Perim Spc (G.N2)	1.0	EXT	33.3	1.00	8.2	0.25	AIR-CHANGE	0.16	2055.5	73998.7
6MCNW Perim Spc (G.NW3)	1.0	EXT	90.0	1.00	3.2	0.25	AIR-CHANGE	0.22	801.8	28863.0
6MCNNE Perim Spc (G.NNE4)	1.0	EXT	180.0	1.00	8.8	0.25	AIR-CHANGE	0.18	2210.3	79569.0
6MCESE Perim Spc (G.ESE5)	1.0	EXT	-90.0	1.00	9.3	0.25	AIR-CHANGE	0.19	2323.9	83659.5
6MCSSW Perim Spc (G.SSW6)	1.0	EXT	0.0	1.00	7.7	0.25	AIR-CHANGE	0.19	1936.7	69722.0
6MCCore Spc (G.C7)	1.0	INT	0.0	1.00	33.0	0.25	AIR-CHANGE	0.00	8247.1	296895.3
6MCCore Spc (G.C8)	1.0	INT	0.0	1.00	19.5	0.25	AIR-CHANGE	0.00	4872.1	175394.6
6MCCore Spc (G.C9)	1.0	INT	0.0	1.00	11.8	0.25	AIR-CHANGE	0.00	2937.6	105755.0
6MCCore Spc (G.C10)	1.0	INT	0.0	1.00	15.2	0.25	AIR-CHANGE	0.00	3796.7	136681.6
6MCPlnm (G.11)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.06	32018.6	64037.2
6MC Top Spc	1.0	EXT	0.0	1.00	2.9	0.00	NO-INFILT.	0.00	2916.0	58320.0
Roof Spc (6MC)	1.0	EXT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	29904.8	598095.7
Spaces on floor: 8AGround Flr (rev: amen 8 + 9)										
8ANW Perim Spc (G.NW1)	1.0	EXT	90.0	1.19	4.5	0.27	AIR-CHANGE	0.22	451.4	10833.4

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8AWSW Perim Spc (G.WSW2)	1.0	EXT	0.0	1.19	33.0	0.27	AIR-CHANGE	0.13	3297.3	79136.0
8ANNE Perim Spc (G.NNE3)	1.0	EXT	90.0	1.19	2.1	0.27	AIR-CHANGE	0.09	205.4	4929.6
8ACore Spc (G.C4)	1.0	INT	0.0	1.19	4.7	0.27	AIR-CHANGE	0.00	474.0	11376.5
8ANNE Perim Spc (G.NNE5)	1.0	EXT	90.0	1.19	3.0	0.27	AIR-CHANGE	0.14	298.3	7159.2
8ACore Spc (G.C6)	1.0	INT	0.0	1.19	1.8	0.27	AIR-CHANGE	0.00	179.8	4314.6
8ANNE Perim Spc (G.NNE7)	1.0	EXT	90.0	1.19	2.1	0.27	AIR-CHANGE	0.12	207.9	4989.6
8ACore Spc (G.C8)	1.0	INT	0.0	0.00	1.8	0.00	AIR-CHANGE	0.00	183.6	4406.4
8ASW Perim Spc (G.SW9)	1.0	EXT	90.0	1.19	5.0	0.27	AIR-CHANGE	0.09	503.2	12077.9
8AWSW Perim Spc (G.WSW10)	1.0	EXT	0.0	0.00	2.3	0.00	AIR-CHANGE	0.30	233.3	5599.8
8ASSW Perim Spc (G.SSW11)	1.0	EXT	0.0	0.00	3.2	0.00	AIR-CHANGE	0.07	324.0	7775.5
8AESE Perim Spc (G.ESE12)	1.0	EXT	-90.0	0.00	3.4	0.27	AIR-CHANGE	0.53	340.1	8162.9
Spaces on floor: 8MAGround Flr (rev: amen mz 8+9)										
8MANNE Perim Spc (G.NNE1)	1.0	EXT	90.0	1.19	2.8	0.27	AIR-CHANGE	0.50	706.0	14119.0
8MASSW Perim Spc (G.SSW2)	1.0	EXT	0.0	1.19	13.7	0.27	AIR-CHANGE	0.28	3416.3	68326.0
Spaces on floor: 10AGround Flr										
10AWNW Perim Spc (G.WNW1)	1.0	EXT	90.0	1.19	11.7	0.27	AIR-CHANGE	0.07	1165.7	16319.2
10ASSW Perim Spc (G.SSW2)	1.0	EXT	0.0	0.00	1.2	0.27	AIR-CHANGE	0.63	121.4	1699.4
10ACore Spc (G.C3)	1.0	INT	0.0	0.00	1.8	0.27	AIR-CHANGE	0.00	183.6	2570.4
10AESE Perim Spc (G.ESE4)	1.0	EXT	-90.0	1.19	6.5	0.27	AIR-CHANGE	0.05	653.1	9143.5
10ACore Spc (G.C5)	1.0	INT	0.0	0.00	2.3	0.27	AIR-CHANGE	0.00	233.3	3266.6
10AESE Perim Spc (G.ESE6)	1.0	EXT	-90.0	0.00	1.7	0.27	AIR-CHANGE	0.24	174.1	2437.6
10ASSW Perim Spc (G.SSW7)	1.0	EXT	0.0	1.19	31.6	0.27	AIR-CHANGE	0.12	3163.8	44292.9
10ANorth Perim Spc (G.N8)	1.0	EXT	90.0	1.19	36.3	0.27	AIR-CHANGE	0.10	3626.4	50769.0
10AENE Perim Spc (G.ENE9)	1.0	EXT	180.0	1.19	15.0	0.27	AIR-CHANGE	0.12	1499.3	20990.4
10APlnm (G.10)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.11	10820.6	450896.3
Spaces on floor: 10MGround Flr (rev: 11BMU)										
10MWNW Perim Spc (G.WNW1)	1.0	EXT	90.0	0.00	4.7	0.00	AIR-CHANGE	0.07	1165.7	67993.0
10MSSW Perim Spc (G.SSW2)	1.0	EXT	0.0	0.00	0.5	0.00	AIR-CHANGE	0.63	121.4	7080.5
10MCore Spc (G.C3)	1.0	INT	0.0	0.00	0.7	0.00	AIR-CHANGE	0.00	183.6	10709.4
10MESE Perim Spc (G.ESE4)	1.0	EXT	-90.0	0.00	2.6	0.00	AIR-CHANGE	0.05	653.1	38095.9
10MCore Spc (G.C5)	1.0	INT	0.0	0.00	0.9	0.00	AIR-CHANGE	0.00	233.3	13609.8
10MESE Perim Spc (G.ESE6)	1.0	EXT	-90.0	0.00	0.7	0.00	AIR-CHANGE	0.24	174.1	10156.1
10MSSW Perim Spc (G.SSW7)	1.0	EXT	0.0	0.00	12.7	0.00	AIR-CHANGE	0.12	3163.8	184543.1
10MNorth Perim Spc (G.N8)	1.0	EXT	90.0	0.00	14.5	0.00	AIR-CHANGE	0.10	3626.4	211525.4
10MENE Perim Spc (G.ENE9)	1.0	EXT	180.0	0.00	6.0	0.00	AIR-CHANGE	0.12	1499.3	87454.9
Spaces on floor: 11MCGround Flr (rev: 12MC)										
11MCNNE Perim Spc (G.NNE1)	1.0	EXT	90.0	1.00	24.8	0.25	AIR-CHANGE	0.11	6201.1	146965.8
11MCWNW Perim Spc (G.WNW2)	1.0	EXT	90.0	1.00	0.6	0.25	AIR-CHANGE	0.12	147.6	3497.6
11MCSW Perim Spc (G.SW3)	1.0	EXT	0.0	1.00	0.5	0.25	AIR-CHANGE	0.44	136.3	3230.3
11MCSSW Perim Spc (G.SSW4)	1.0	EXT	0.0	1.00	0.0	0.25	AIR-CHANGE	0.09	277.1	6566.9
11MCWSW Perim Spc (G.WSW5)	1.0	EXT	90.0	1.00	8.3	0.25	AIR-CHANGE	0.15	2069.4	49045.0
11MCSE Perim Spc (G.SE6)	1.0	EXT	0.0	1.00	5.1	0.25	AIR-CHANGE	0.14	1269.5	30087.2
11MCCore Spc (G.C7)	1.0	INT	0.0	1.00	0.7	0.25	AIR-CHANGE	0.00	183.6	4351.3
11MCCore Spc (G.C8)	1.0	INT	0.0	1.00	0.9	0.25	AIR-CHANGE	0.00	233.3	5529.8
11MCCore Spc (G.C9)	1.0	INT	0.0	1.00	0.7	0.25	AIR-CHANGE	0.00	174.1	4126.5
11MCCore Spc (G.C10)	1.0	INT	0.0	1.00	2.6	0.25	AIR-CHANGE	0.00	653.1	15478.7
ERU-11-1 Spc	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	10000.0	100000.0
Spaces on floor: 11DBGround Flr (rev: 12DBMC)										
11DBWNW Perim Spc (G.WNW1)	1.0	EXT	90.0	1.00	7.6	0.25	AIR-CHANGE	0.19	1910.8	135667.5

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Spaces on floor: 1519Ground Flr (rev: 13)

1519Core Spc (G.C1)	3.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	180.0	1800.0
1519Core Spc (G.C2)	3.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	183.6	1836.0
1519Core Spc (G.C3)	3.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	233.3	2333.3
1519Core Spc (G.C4)	3.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	174.1	1741.1
1519Core Spc (G.C5)	3.0	INT	0.0	1.03	0.7	0.24	AIR-CHANGE	0.01	653.1	6531.1
1519WNW Perim Spc (G.WNW6)	3.0	EXT	90.0	0.70	2.0	0.24	AIR-CHANGE	0.19	1244.8	12448.5
1519NNE Perim Spc (G.NNE7)	3.0	EXT	0.0	0.70	3.0	0.24	AIR-CHANGE	0.08	3970.0	39700.1
1519East Perim Spc (G.E8)	3.0	EXT	180.0	0.70	2.0	0.24	AIR-CHANGE	0.15	986.2	9862.3
1519ESE Perim Spc (G.ESE9)	3.0	EXT	-90.0	0.70	2.0	0.24	AIR-CHANGE	0.09	853.4	8533.7
1519South Perim Spc (G.S10)	3.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.23	433.7	4336.8
1519SSE Perim Spc (G.SSE11)	3.0	EXT	-90.0	0.70	3.0	0.24	AIR-CHANGE	0.09	1922.4	19223.8
1519West Perim Spc (G.W12)	3.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.13	1360.4	13604.5
1519WNW Perim Spc (G.WNW13)	3.0	EXT	90.0	0.00	0.0	0.00	AIR-CHANGE	0.07	1060.8	10608.1
1519Plnm (G.14)	3.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	13255.9	23860.7

Spaces on floor: 1519Mid Flrs

1519Core Spc (M.C15)	5.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	180.0	1800.0
1519Core Spc (M.C16)	5.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	183.6	1836.0
1519Core Spc (M.C17)	5.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	233.3	2333.3
1519Core Spc (M.C18)	5.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	174.1	1741.1
1519Core Spc (M.C19)	5.0	INT	0.0	1.03	0.7	0.24	AIR-CHANGE	0.01	653.1	6531.1
1519WNW Perim Spc (M.WNW20)	5.0	EXT	90.0	0.70	2.0	0.24	AIR-CHANGE	0.19	1244.8	12448.5
1519NNE Perim Spc (M.NNE21)	5.0	EXT	0.0	0.70	3.0	0.24	AIR-CHANGE	0.08	3970.0	39700.1
1519East Perim Spc (M.E22)	5.0	EXT	180.0	0.70	2.0	0.24	AIR-CHANGE	0.15	986.2	9862.3
1519ESE Perim Spc (M.ESE23)	5.0	EXT	-90.0	0.70	2.0	0.24	AIR-CHANGE	0.09	853.4	8533.7
1519South Perim Spc (M.S24)	5.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.23	433.7	4336.8
1519SSE Perim Spc (M.SSE25)	5.0	EXT	-90.0	0.70	3.0	0.24	AIR-CHANGE	0.09	1922.4	19223.8
1519West Perim Spc (M.W26)	5.0	EXT	0.0	0.70	2.0	0.24	AIR-CHANGE	0.13	1360.4	13604.5
1519WNW Perim Spc (M.WNW27)	5.0	EXT	90.0	0.70	0.0	0.24	AIR-CHANGE	0.07	1060.8	10608.1
1519Plnm (M.28)	5.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	13255.9	23860.7

Spaces on floor: 1519Top Flr

1519Core Spc (T.C29)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	180.0	2520.0
1519Core Spc (T.C30)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	183.6	2570.4
1519Core Spc (T.C31)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	233.3	3266.6
1519Core Spc (T.C32)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	174.1	2437.6
1519Core Spc (T.C33)	1.0	INT	0.0	1.03	0.7	0.24	AIR-CHANGE	0.00	653.1	9143.5
1519WNW Perim Spc (T.WNW34)	1.0	EXT	90.0	0.70	2.0	0.24	AIR-CHANGE	0.13	1244.8	17427.9
1519NNE Perim Spc (T.NNE35)	1.0	EXT	0.0	0.70	3.0	0.24	AIR-CHANGE	0.05	3970.0	55580.1
1519East Perim Spc (T.E36)	1.0	EXT	180.0	0.70	2.0	0.24	AIR-CHANGE	0.11	986.2	13807.2
1519ESE Perim Spc (T.ESE37)	1.0	EXT	-90.0	0.70	2.0	0.24	AIR-CHANGE	0.06	853.4	11947.2
1519South Perim Spc (T.S38)	1.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.16	433.7	6071.5
1519SSE Perim Spc (T.SSE39)	1.0	EXT	-90.0	0.70	3.0	0.24	AIR-CHANGE	0.06	1922.4	26913.3
1519West Perim Spc (T.W40)	1.0	EXT	0.0	0.70	2.0	0.24	AIR-CHANGE	0.09	1360.4	19046.3
1519WNW Perim Spc (T.WNW41)	1.0	EXT	90.0	0.70	0.0	0.24	AIR-CHANGE	0.05	1060.8	14851.3
1519Plnm (T.42)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	13255.9	23860.7

Spaces on floor: 2026Ground Flr

2026Core Spc (G.C1)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	180.0	2520.0
2026Core Spc (G.C2)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	183.6	2570.4
2026Core Spc (G.C3)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	233.3	3266.6

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2026Core Spc (G.C4)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	174.1	2437.6
2026Core Spc (G.C5)	1.0	INT	0.0	1.03	0.7	0.24	AIR-CHANGE	0.00	653.1	9143.5
2026East Perim Spc (G.E6)	1.0	EXT	180.0	0.70	1.0	0.24	AIR-CHANGE	0.11	986.2	13807.2
2026WNW Perim Spc (G.WNW7)	1.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.13	1244.8	17427.9
2026NNE Perim Spc (G.NNE8)	1.0	EXT	0.0	0.70	2.0	0.24	AIR-CHANGE	0.05	3970.0	55580.1
2026WNW Perim Spc (G.WNW9)	1.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.05	1060.8	14851.3
2026ESE Perim Spc (G.ESE10)	1.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.06	853.4	11947.2
2026SW Perim Spc (G.SW11)	1.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.16	466.4	6530.2
2026SSW Perim Spc (G.SSW12)	1.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.10	694.2	9718.8
2026South Perim Spc (G.S13)	1.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.17	398.6	5580.1
2026Plnm (G.14)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	11098.6	19977.6
Spaces on floor: 2026Mid Flrs										
2026Core Spc (M.C15)	5.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	180.0	1800.0
2026Core Spc (M.C16)	5.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	183.6	1836.0
2026Core Spc (M.C17)	5.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	233.3	2333.3
2026Core Spc (M.C18)	5.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	174.1	1741.1
2026Core Spc (M.C19)	5.0	INT	0.0	1.03	0.7	0.24	AIR-CHANGE	0.01	653.1	6531.1
2026East Perim Spc (M.E20)	5.0	EXT	180.0	0.70	6.2	0.24	AIR-CHANGE	0.15	986.2	9862.3
2026WNW Perim Spc (M.WNW21)	5.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.19	1244.8	12448.5
2026NNE Perim Spc (M.NNE22)	5.0	EXT	0.0	0.70	2.0	0.24	AIR-CHANGE	0.08	3970.0	39700.1
2026WNW Perim Spc (M.WNW23)	5.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.07	1060.8	10608.1
2026ESE Perim Spc (M.ESE24)	5.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.09	853.4	8533.7
2026SW Perim Spc (M.SW25)	5.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.22	466.4	4664.4
2026SSW Perim Spc (M.SSW26)	5.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.15	694.2	6942.0
2026South Perim Spc (M.S27)	5.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.24	398.6	3985.8
2026Plnm (M.28)	5.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	11098.6	19977.6
Spaces on floor: 2026Top Flr										
2026Core Spc (T.C29)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	180.0	2520.0
2026Core Spc (T.C30)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	183.6	2570.4
2026Core Spc (T.C31)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	233.3	3266.6
2026Core Spc (T.C32)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	174.1	2437.6
2026Core Spc (T.C33)	1.0	INT	0.0	1.03	0.7	0.24	AIR-CHANGE	0.00	653.1	9143.5
2026East Perim Spc (T.E34)	1.0	EXT	180.0	0.70	6.2	0.24	AIR-CHANGE	0.11	986.2	13807.2
2026WNW Perim Spc (T.WNW35)	1.0	EXT	90.0	0.70	7.8	0.24	AIR-CHANGE	0.13	1244.8	17427.9
2026NNE Perim Spc (T.NNE36)	1.0	EXT	0.0	0.70	24.8	0.24	AIR-CHANGE	0.05	3970.0	55580.1
2026WNW Perim Spc (T.WNW37)	1.0	EXT	90.0	0.70	0.0	0.24	AIR-CHANGE	0.05	1060.8	14851.3
2026ESE Perim Spc (T.ESE38)	1.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.06	853.4	11947.2
2026SW Perim Spc (T.SW39)	1.0	EXT	0.0	0.70	2.9	0.24	AIR-CHANGE	0.16	466.4	6530.2
2026SSW Perim Spc (T.SSW40)	1.0	EXT	0.0	0.70	4.3	0.24	AIR-CHANGE	0.10	694.2	9718.8
2026South Perim Spc (T.S41)	1.0	EXT	-90.0	0.70	2.5	0.24	AIR-CHANGE	0.17	398.6	5580.1
2026Plnm (T.42)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	11098.6	19977.6
Spaces on floor: 27MCGround Flr										
27MCCore Spc (G.C1)	1.0	INT	0.0	0.00	0.7	0.00	AIR-CHANGE	0.00	180.0	3240.0
27MCCore Spc (G.C2)	1.0	INT	0.0	0.00	0.7	0.00	AIR-CHANGE	0.00	183.6	3304.8
27MCCore Spc (G.C3)	1.0	INT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	233.3	4199.9
27MCCore Spc (G.C4)	1.0	INT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	174.1	3134.1
27MCCore Spc (G.C5)	1.0	INT	0.0	1.00	2.6	0.25	AIR-CHANGE	0.00	653.1	11756.0
27MCEast Perim Spc (G.E6)	1.0	EXT	180.0	1.00	3.9	0.25	AIR-CHANGE	0.20	986.2	17752.1
27MCWNW Perim Spc (G.WNW7)	1.0	EXT	90.0	1.00	5.0	0.25	AIR-CHANGE	0.25	1244.8	22407.3
27MCNNE Perim Spc (G.NNE8)	1.0	EXT	0.0	1.00	24.8	0.25	AIR-CHANGE	0.10	3970.0	71460.2
27MCWNW Perim Spc (G.WNW9)	1.0	EXT	90.0	1.00	0.0	0.25	AIR-CHANGE	0.10	1060.8	19094.6

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27MCESE Perim Spc (G.ESE10)	1.0	EXT	-90.0	1.00	3.4	0.25	AIR-CHANGE	0.12	853.4	15360.7
27MCSW Perim Spc (G.SW11)	1.0	EXT	0.0	1.00	1.9	0.25	AIR-CHANGE	0.30	466.4	8395.9
27MCSSW Perim Spc (G.SSW12)	1.0	EXT	0.0	1.00	2.8	0.25	AIR-CHANGE	0.19	694.2	12495.6
27MCSouth Perim Spc (G.S13)	1.0	EXT	-90.0	1.00	1.6	0.25	AIR-CHANGE	0.31	398.6	7174.4
ERU-27-1 Spc	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	10000.0	100000.0
ERU-27-2 Spc	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	10000.0	100000.0
Spaces on floor: 28Ground Flr										
28Core Spc (G.C1)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	183.6	2570.4
28Core Spc (G.C2)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	233.3	3266.6
28Core Spc (G.C3)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	174.1	2437.6
28Core Spc (G.C4)	1.0	INT	0.0	1.03	0.7	0.24	AIR-CHANGE	0.00	653.1	9143.5
28NNW Perim Spc (G.NNW5)	1.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.08	1434.0	20075.9
28NNE Perim Spc (G.NNE6)	1.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.04	1437.8	20129.9
28East Perim Spc (G.E7)	1.0	EXT	180.0	0.70	1.0	0.24	AIR-CHANGE	0.10	986.2	13807.2
28ESE Perim Spc (G.ESE8)	1.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.06	853.4	11947.2
28South Perim Spc (G.S9)	1.0	EXT	-90.0	0.70	0.0	0.24	AIR-CHANGE	0.16	398.6	5580.1
28SSW Perim Spc (G.SSW10)	1.0	EXT	0.0	0.70	0.0	0.24	AIR-CHANGE	0.10	581.1	8135.4
28SW Perim Spc (G.SW11)	1.0	EXT	0.0	0.70	0.0	0.24	AIR-CHANGE	0.15	579.5	8113.6
28WNW Perim Spc (G.WNW12)	1.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.04	1240.8	17371.3
28Plnm (G.13)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	8755.6	17511.2
Spaces on floor: 2936Mid Flrs										
2936Core Spc (M.C14)	8.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	183.6	1799.3
2936Core Spc (M.C15)	8.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	233.3	2286.6
2936Core Spc (M.C16)	8.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	174.1	1706.3
2936Core Spc (M.C17)	8.0	INT	0.0	1.03	0.7	0.24	AIR-CHANGE	0.01	653.1	6400.5
2936NNW Perim Spc (M.NNW18)	8.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.12	1434.0	14053.1
2936NNE Perim Spc (M.NNE19)	8.0	EXT	90.0	0.70	2.0	0.24	AIR-CHANGE	0.06	1437.8	14090.9
2936East Perim Spc (M.E20)	8.0	EXT	180.0	0.70	1.0	0.24	AIR-CHANGE	0.15	986.2	9665.1
2936ESE Perim Spc (M.ESE21)	8.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.09	853.4	8363.0
2936South Perim Spc (M.S22)	8.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.24	398.6	3906.1
2936SSW Perim Spc (M.SSW23)	8.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.15	581.1	5694.8
2936SW Perim Spc (M.SW24)	8.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.21	579.5	5679.5
2936WNW Perim Spc (M.WNW25)	8.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.06	1240.8	12159.9
2936Plnm (M.26)	8.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	8755.6	17511.2
Spaces on floor: 3744Mid Flrs										
3744Core Spc (M.C14)	8.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	183.6	1799.3
3744Core Spc (M.C15)	8.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	233.3	2286.6
3744Core Spc (M.C16)	8.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	174.1	1706.3
3744Core Spc (M.C17)	8.0	INT	0.0	1.03	0.7	0.24	AIR-CHANGE	0.01	653.1	6400.5
3744NNW Perim Spc (M.NNW18)	8.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.12	1434.0	14053.1
3744NNE Perim Spc (M.NNE19)	8.0	EXT	90.0	0.70	2.0	0.24	AIR-CHANGE	0.06	1437.8	14090.9
3744East Perim Spc (M.E20)	8.0	EXT	180.0	0.70	1.0	0.24	AIR-CHANGE	0.15	986.2	9665.1
3744ESE Perim Spc (M.ESE21)	8.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.09	853.4	8363.0
3744South Perim Spc (M.S22)	8.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.24	398.6	3906.1
3744SSW Perim Spc (M.SSW23)	8.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.15	581.1	5694.8
3744SW Perim Spc (M.SW24)	8.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.21	579.5	5679.5
3744WNW Perim Spc (M.WNW25)	8.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.06	1240.8	12159.9
3744Plnm (M.26)	8.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	8755.6	17511.2
Spaces on floor: 45Top Flr										
45Core Spc (T.C27)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	183.6	2570.4

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45Core Spc (T.C28)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	233.3	3266.6
45Core Spc (T.C29)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	174.1	2437.6
45Core Spc (T.C30)	1.0	INT	0.0	1.03	0.7	0.00	AIR-CHANGE	0.00	653.1	9143.5
45NNW Perim Spc (T.NNW31)	1.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.08	1434.0	20075.9
45NNE Perim Spc (T.NNE32)	1.0	EXT	90.0	0.70	2.0	0.24	AIR-CHANGE	0.04	1437.8	20129.9
45East Perim Spc (T.E33)	1.0	EXT	180.0	0.70	1.0	0.24	AIR-CHANGE	0.10	986.2	13807.2
45ESE Perim Spc (T.ESE34)	1.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.06	853.4	11947.2
45South Perim Spc (T.S35)	1.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.16	398.6	5580.1
45SSW Perim Spc (T.SSW36)	1.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.10	581.1	8135.4
45SW Perim Spc (T.SW37)	1.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.15	579.5	8113.6
45WNW Perim Spc (T.WNW38)	1.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.04	1240.8	17371.3
45Plnm (T.39)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	8755.6	17511.2
Spaces on floor: 46MCTop Flr										
46MCCore Spc (T.C27)	1.0	INT	0.0	0.00	0.7	0.00	AIR-CHANGE	0.00	183.6	3304.8
46MCCore Spc (T.C28)	1.0	INT	0.0	0.00	0.9	0.00	AIR-CHANGE	0.00	233.3	4199.9
46MCCore Spc (T.C29)	1.0	INT	0.0	0.00	0.7	0.00	AIR-CHANGE	0.00	174.1	3134.1
46MCCore Spc (T.C30)	1.0	INT	0.0	1.00	2.6	0.25	AIR-CHANGE	0.00	653.1	11756.0
46MCNNW Perim Spc (T.NNW31)	1.0	EXT	90.0	1.00	5.7	0.25	AIR-CHANGE	0.07	1434.0	25811.8
46MCNNE Perim Spc (T.NNE32)	1.0	EXT	90.0	1.00	5.8	0.25	AIR-CHANGE	0.03	1437.8	25881.3
46MCEast Perim Spc (T.E33)	1.0	EXT	180.0	1.00	3.9	0.25	AIR-CHANGE	0.08	986.2	17752.1
46MCESE Perim Spc (T.ESE34)	1.0	EXT	-90.0	1.00	3.4	0.25	AIR-CHANGE	0.05	853.4	15360.7
46MCSouth Perim Spc (T.S35)	1.0	EXT	-90.0	1.00	1.6	0.25	AIR-CHANGE	0.13	398.6	7174.4
46MCSSW Perim Spc (T.SSW36)	1.0	EXT	0.0	1.00	2.3	0.25	AIR-CHANGE	0.08	581.1	10459.8
46MCSW Perim Spc (T.SW37)	1.0	EXT	0.0	1.00	2.3	0.25	AIR-CHANGE	0.11	579.5	10431.7
46MCWNW Perim Spc (T.WNW38)	1.0	EXT	90.0	1.00	5.0	0.25	AIR-CHANGE	0.03	1240.8	22334.6
46MCPlnm (T.39)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	8755.6	17511.2
ERU-46-1 Spc	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	10000.0	100000.0
ERU-46-2 Spc	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	10000.0	100000.0
Spaces on floor: 47Ground Flr										
47NNW Perim Spc (G.NNW1)	1.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.14	1163.6	12567.0
47West Perim Spc (G.W2)	1.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.08	1426.6	15406.8
47SW Perim Spc (G.SW3)	1.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.23	419.4	4529.9
47SSW Perim Spc (G.SSW4)	1.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.11	741.3	8005.8
47SSE Perim Spc (G.SSE5)	1.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.20	508.4	5491.2
47ESE Perim Spc (G.ESE6)	1.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.09	853.4	9216.4
47ENE Perim Spc (G.ENE7)	1.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.18	643.5	6949.8
47NE Perim Spc (G.NE8)	1.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.09	1210.8	13076.5
47Core Spc (G.C9)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	183.6	1982.9
47Core Spc (G.C10)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	232.7	2513.0
47Core Spc (G.C11)	1.0	INT	0.0	0.00	0.3	0.00	AIR-CHANGE	0.01	259.0	2797.1
47Core Spc (G.C12)	1.0	INT	0.0	1.03	0.6	0.24	AIR-CHANGE	0.01	568.9	6143.8
47Plnm (G.13)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.10	8211.1	16422.3
Spaces on floor: 4856Mid Flrs										
4856NNW Perim Spc (M.NNW14)	9.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.14	1163.6	12567.0
4856West Perim Spc (M.W15)	9.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.08	1426.6	15406.8
4856SW Perim Spc (M.SW16)	9.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.23	419.4	4529.9
4856SSW Perim Spc (M.SSW17)	9.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.11	741.3	8005.8
4856SSE Perim Spc (M.SSE18)	9.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.20	508.4	5491.2
4856ESE Perim Spc (M.ESE19)	9.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.09	853.4	9216.4
4856ENE Perim Spc (M.ENE20)	9.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.18	643.5	6949.8
4856NE Perim Spc (M.NE21)	9.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.09	1210.8	13076.5

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4856Core Spc (M.C22)	9.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	183.6	1982.9
4856Core Spc (M.C23)	9.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	232.7	2513.0
4856Core Spc (M.C24)	9.0	INT	0.0	0.00	0.3	0.00	AIR-CHANGE	0.01	259.0	2797.1
4856Core Spc (M.C25)	9.0	INT	0.0	1.03	0.6	0.24	AIR-CHANGE	0.01	568.9	6143.8
4856Plnm (M.26)	9.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.10	8211.1	16422.3
Spaces on floor: 5765Mid Flrs										
5765NNW Perim Spc (M.NNW14)	9.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.14	1163.6	12567.0
5765West Perim Spc (M.W15)	9.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.08	1426.6	15406.8
5765SW Perim Spc (M.SW16)	9.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.23	419.4	4529.9
5765SSW Perim Spc (M.SSW17)	9.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.11	741.3	8005.8
5765SSE Perim Spc (M.SSE18)	9.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.20	508.4	5491.2
5765ESE Perim Spc (M.ESE19)	9.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.09	853.4	9216.4
5765ENE Perim Spc (M.ENE20)	9.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.18	643.5	6949.8
5765NE Perim Spc (M.NE21)	9.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.09	1210.8	13076.5
5765Core Spc (M.C22)	9.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	183.6	1982.9
5765Core Spc (M.C23)	9.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	232.7	2513.0
5765Core Spc (M.C24)	9.0	INT	0.0	0.00	0.3	0.00	AIR-CHANGE	0.01	259.0	2797.1
5765Core Spc (M.C25)	9.0	INT	0.0	1.03	0.6	0.24	AIR-CHANGE	0.01	568.9	6143.8
5765Plnm (M.26)	9.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.10	8211.1	16422.3
Spaces on floor: 66Top Flr										
66NNW Perim Spc (T.NNW27)	1.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.11	1163.6	16290.5
66West Perim Spc (T.W28)	1.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.06	1426.6	19971.8
66SW Perim Spc (T.SW29)	1.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.18	419.4	5872.1
66SSW Perim Spc (T.SSW30)	1.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.09	741.3	10377.8
66SSE Perim Spc (T.SSE31)	1.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.16	508.4	7118.2
66ESE Perim Spc (T.ESE32)	1.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.07	853.4	11947.2
66ENE Perim Spc (T.ENE33)	1.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.14	643.5	9009.0
66NE Perim Spc (T.NE34)	1.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.07	1210.8	16951.1
66Core Spc (T.C35)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	183.6	2570.4
66Core Spc (T.C36)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	232.7	3257.6
66Core Spc (T.C37)	1.0	INT	0.0	0.00	0.3	0.00	AIR-CHANGE	0.00	259.0	3625.9
66Core Spc (T.C38)	1.0	INT	0.0	1.03	0.6	0.24	AIR-CHANGE	0.00	568.9	7964.2
66Plnm (T.39)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.10	8211.1	16422.3
Spaces on floor: 67MCGround Flr										
67MCNNW Perim Spc (G.NNW1)	1.0	EXT	90.0	1.00	4.7	0.25	AIR-CHANGE	0.16	1163.6	32581.1
67MCWest Perim Spc (G.W2)	1.0	EXT	0.0	1.00	5.7	0.25	AIR-CHANGE	0.09	1426.6	39943.7
67MCSW Perim Spc (G.SW3)	1.0	EXT	90.0	1.00	1.7	0.25	AIR-CHANGE	0.27	419.4	11744.2
67MCSSW Perim Spc (G.SSW4)	1.0	EXT	0.0	1.00	3.0	0.25	AIR-CHANGE	0.13	741.3	20755.7
67MCSSE Perim Spc (G.SSE5)	1.0	EXT	-90.0	1.00	2.0	0.25	AIR-CHANGE	0.23	508.4	14236.5
67MCESE Perim Spc (G.ESE6)	1.0	EXT	-90.0	1.00	3.4	0.25	AIR-CHANGE	0.10	853.4	23894.4
67MCENE Perim Spc (G.ENE7)	1.0	EXT	90.0	1.00	2.6	0.25	AIR-CHANGE	0.21	643.5	18018.0
67MCNE Perim Spc (G.NE8)	1.0	EXT	-90.0	1.00	4.8	0.25	AIR-CHANGE	0.10	1210.8	33902.1
67MCCore Spc (G.C9)	1.0	INT	0.0	1.00	0.7	0.25	AIR-CHANGE	0.00	183.6	5140.8
67MCCore Spc (G.C10)	1.0	INT	0.0	1.00	0.9	0.25	AIR-CHANGE	0.00	232.7	6515.3
67MCCore Spc (G.C11)	1.0	INT	0.0	1.00	2.3	0.25	AIR-CHANGE	0.00	568.9	15928.4
67MCCore Spc (G.C12)	1.0	INT	0.0	1.00	1.0	0.25	AIR-CHANGE	0.00	259.0	7251.7
ERU-67-1 Spc	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	10000.0	100000.0
ERU-67-2 Spc	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	10000.0	100000.0
Spaces on floor: 68Ground Flr (rev: 69)										
68NNW Perim Spc (G.NNW1)	1.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.16	987.4	13823.0

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68NE Perim Spc (G.NE2)	1.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.11	1277.7	17887.4
68ESE Perim Spc (G.ESE3)	1.0	EXT	90.0	0.70	0.0	0.24	AIR-CHANGE	0.60	230.2	3223.4
68West Perim Spc (G.W4)	1.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.08	1351.7	18923.5
68SW Perim Spc (G.SW5)	1.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.24	390.4	5465.3
68South Perim Spc (G.S6)	1.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.18	741.3	10377.8
68Core Spc (G.C7)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	232.7	3257.6
68Core Spc (G.C8)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	183.6	2570.4
68ESE Perim Spc (G.ESE9)	1.0	EXT	-90.0	0.00	1.7	0.00	AIR-CHANGE	0.24	259.0	3625.9
68Core Spc (G.C10)	1.0	EXT	-90.0	1.03	0.6	0.00	AIR-CHANGE	0.00	568.9	7964.2
68Plnm (G.11)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.14	6222.8	12445.5
Spaces on floor: 68DBGround Flr (rev: 69db)										
68DBWNW Perim Spc (G.WNW1)	1.0	EXT	90.0	0.70	0.0	0.24	AIR-CHANGE	0.24	1800.6	54018.9
68DBPlnm (G.2)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.24	1800.6	3601.3
Spaces on floor: 69Ground Flr (rev: 70)										
69NNW Perim Spc (G.NNW1)	1.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.16	987.4	13823.0
69NE Perim Spc (G.NE2)	1.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.11	1277.7	17887.4
69ESE Perim Spc (G.ESE3)	1.0	EXT	90.0	0.70	0.0	0.24	AIR-CHANGE	0.60	230.2	3223.4
69West Perim Spc (G.W4)	1.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.08	1351.7	18923.5
69SW Perim Spc (G.SW5)	1.0	EXT	90.0	0.70	0.0	0.24	AIR-CHANGE	0.24	390.4	5465.3
69South Perim Spc (G.S6)	1.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.18	741.3	10377.8
69Core Spc (G.C7)	1.0	INT	0.0	0.00	1.3	0.00	AIR-CHANGE	0.00	232.7	3257.6
69Core Spc (G.C8)	1.0	INT	0.0	0.00	1.0	0.00	AIR-CHANGE	0.00	183.6	2570.4
69ESE Perim Spc (G.ESE9)	1.0	EXT	-90.0	0.00	1.5	0.00	AIR-CHANGE	0.24	259.0	3625.9
69Core Spc (G.C10)	1.0	EXT	-90.0	1.03	3.2	0.24	AIR-CHANGE	0.00	568.9	7964.2
69Plnm (G.11)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.14	6222.8	12445.5
Spaces on floor: 70Ground Flr (rev: 68)										
70NNW Perim Spc (G.NNW1)	1.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.16	1017.3	10986.6
70West Perim Spc (G.W2)	1.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.08	1321.8	14275.0
70SW Perim Spc (G.SW3)	1.0	EXT	90.0	0.70	0.0	0.24	AIR-CHANGE	0.24	390.4	4216.1
70South Perim Spc (G.S4)	1.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.17	922.4	9962.2
70NE Perim Spc (G.NE5)	1.0	EXT	-90.0	0.70	0.0	0.24	AIR-CHANGE	0.23	512.2	5531.6
70ENE Perim Spc (G.ENE6)	1.0	EXT	180.0	0.70	1.0	0.24	AIR-CHANGE	0.08	1385.7	14965.0
70SE Perim Spc (G.SE7)	1.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.13	860.7	9296.1
70Core Spc (G.C8)	1.0	INT	0.0	0.00	0.4	0.00	AIR-CHANGE	0.01	184.6	1993.9
70Core Spc (G.C9)	1.0	INT	0.0	0.00	0.5	0.00	AIR-CHANGE	0.01	233.3	2519.9
70Core Spc (G.C10)	1.0	INT	0.0	0.00	0.5	0.00	AIR-CHANGE	0.01	259.0	2797.1
70Core Spc (G.C11)	1.0	INT	0.0	1.03	1.2	0.24	AIR-CHANGE	0.01	569.1	6146.0
70Plnm (G.12)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.11	7656.4	15312.9
Spaces on floor: 7179Mid Flrs										
7179NNW Perim Spc (M.NNW13)	9.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.16	1017.3	10986.6
7179West Perim Spc (M.W14)	9.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.08	1321.8	14275.0
7179SW Perim Spc (M.SW15)	9.0	EXT	90.0	0.70	0.0	0.24	AIR-CHANGE	0.24	390.4	4216.1
7179South Perim Spc (M.S16)	9.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.17	922.4	9962.2
7179NE Perim Spc (M.NE17)	9.0	EXT	-90.0	0.70	0.0	0.24	AIR-CHANGE	0.23	512.2	5531.6
7179ENE Perim Spc (M.ENE18)	9.0	EXT	180.0	0.70	1.0	0.24	AIR-CHANGE	0.08	1385.7	14965.0
7179SE Perim Spc (M.SE19)	9.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.13	860.7	9296.1
7179Core Spc (M.C20)	9.0	INT	0.0	0.00	0.4	0.00	AIR-CHANGE	0.01	184.6	1993.9
7179Core Spc (M.C21)	9.0	INT	0.0	0.00	0.5	0.00	AIR-CHANGE	0.01	233.3	2519.9
7179Core Spc (M.C22)	9.0	INT	0.0	0.00	0.5	0.00	AIR-CHANGE	0.01	259.0	2797.1

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7179Core Spc (M.C23)	9.0	INT	0.0	1.03	1.2	0.24	AIR-CHANGE	0.01	569.1	6146.0
7179Plnm (M.24)	9.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.11	7656.4	15312.9
Spaces on floor: 8087Mid Flrs										
8087NNW Perim Spc (M.NNW13)	8.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.16	1017.3	10986.6
8087West Perim Spc (M.W14)	8.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.08	1321.8	14275.0
8087SW Perim Spc (M.SW15)	8.0	EXT	90.0	0.70	0.0	0.24	AIR-CHANGE	0.24	390.4	4216.1
8087South Perim Spc (M.S16)	8.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.17	922.4	9962.2
8087NE Perim Spc (M.NE17)	8.0	EXT	-90.0	0.70	0.0	0.24	AIR-CHANGE	0.23	512.2	5531.6
8087ENE Perim Spc (M.ENE18)	8.0	EXT	180.0	0.70	1.0	0.24	AIR-CHANGE	0.08	1385.7	14965.0
8087SE Perim Spc (M.SE19)	8.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.13	860.7	9296.1
8087Core Spc (M.C20)	8.0	INT	0.0	0.00	0.4	0.00	AIR-CHANGE	0.01	184.6	1993.9
8087Core Spc (M.C21)	8.0	INT	0.0	0.00	0.5	0.00	AIR-CHANGE	0.01	233.3	2519.9
8087Core Spc (M.C22)	8.0	INT	0.0	0.00	0.5	0.00	AIR-CHANGE	0.01	259.0	2797.1
8087Core Spc (M.C23)	8.0	INT	0.0	1.03	1.2	0.24	AIR-CHANGE	0.01	569.1	6146.0
8087Plnm (M.24)	8.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.11	7656.4	15312.9
Spaces on floor: 88Top Flr										
88NNW Perim Spc (T.NNW25)	1.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.12	1017.3	14241.9
88West Perim Spc (T.W26)	1.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.06	1321.8	18504.6
88SW Perim Spc (T.SW27)	1.0	EXT	90.0	0.70	0.0	0.24	AIR-CHANGE	0.19	390.4	5465.3
88South Perim Spc (T.S28)	1.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.13	922.4	12913.9
88NE Perim Spc (T.NE29)	1.0	EXT	-90.0	0.70	0.0	0.24	AIR-CHANGE	0.18	512.2	7170.6
88ENE Perim Spc (T.ENE30)	1.0	EXT	180.0	0.70	1.0	0.24	AIR-CHANGE	0.06	1385.7	19399.1
88SE Perim Spc (T.SE31)	1.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.10	860.7	12050.5
88Core Spc (T.C32)	1.0	INT	0.0	0.00	0.4	0.00	AIR-CHANGE	0.00	184.6	2584.7
88Core Spc (T.C33)	1.0	INT	0.0	0.00	0.5	0.00	AIR-CHANGE	0.00	233.3	3266.6
88Core Spc (T.C34)	1.0	INT	0.0	0.00	0.5	0.00	AIR-CHANGE	0.00	259.0	3625.9
88Core Spc (T.C35)	1.0	INT	0.0	1.03	1.2	0.24	AIR-CHANGE	0.00	569.1	7967.1
88Plnm (T.36)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.11	7656.4	15312.9
Spaces on floor: 89Ground Flr (rev: 89 + 91)										
89NNW Perim Spc (G.NNW1)	2.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.17	941.6	13182.4
89NE Perim Spc (G.NE2)	2.0	EXT	-90.0	0.70	0.0	0.24	AIR-CHANGE	0.23	512.2	7170.6
89ESE Perim Spc (G.ESE3)	2.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.06	717.1	10038.9
89West Perim Spc (G.W4)	2.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.08	1397.4	19564.2
89SW Perim Spc (G.SW5)	2.0	EXT	90.0	0.70	0.0	0.24	AIR-CHANGE	0.24	390.4	5465.3
89South Perim Spc (G.S6)	2.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.18	1002.5	14035.1
89Core Spc (G.C7)	2.0	INT	0.0	0.00	1.3	0.00	AIR-CHANGE	0.00	233.3	3266.6
89Core Spc (G.C8)	2.0	INT	0.0	0.00	1.1	0.00	AIR-CHANGE	0.00	184.6	2584.7
89ESE Perim Spc (G.ESE9)	2.0	EXT	-90.0	0.00	1.5	0.00	AIR-CHANGE	0.24	259.0	3625.9
89Core Spc (G.C10)	2.0	EXT	-90.0	1.03	3.2	0.24	AIR-CHANGE	0.00	569.1	7967.1
89Plnm (G.11)	2.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.13	6207.2	12414.4
Spaces on floor: 89DBGround Flr (rev: 89 + 91)										
89DBWNW Perim Spc (G.WNW1)	2.0	EXT	90.0	0.70	0.0	0.24	AIR-CHANGE	0.25	1449.3	45651.4
89DBPlnm (G.2)	2.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.25	1449.3	2898.5
Spaces on floor: 90Ground Flr (rev: 90 + 92)										
90NNW Perim Spc (G.NNW1)	2.0	EXT	90.0	0.70	1.0	0.24	AIR-CHANGE	0.17	941.6	13182.4
90NE Perim Spc (G.NE2)	2.0	EXT	-90.0	0.70	0.0	0.24	AIR-CHANGE	0.23	512.2	7170.6
90ESE Perim Spc (G.ESE3)	2.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.06	717.1	10038.9

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90West Perim Spc (G.W4)	2.0	EXT	0.0	0.70	1.0	0.24	AIR-CHANGE	0.08	1397.4	19564.2
90SW Perim Spc (G.SW5)	2.0	EXT	90.0	0.70	0.0	0.24	AIR-CHANGE	0.24	390.4	5465.3
90South Perim Spc (G.S6)	2.0	EXT	-90.0	0.70	1.0	0.24	AIR-CHANGE	0.18	1002.5	14035.1
90Core Spc (G.C7)	2.0	INT	0.0	0.00	1.3	0.00	AIR-CHANGE	0.00	233.3	3266.6
90Core Spc (G.C8)	2.0	INT	0.0	0.00	1.1	0.00	AIR-CHANGE	0.00	184.6	2584.7
90ESE Perim Spc (G.ESE9)	2.0	EXT	-90.0	0.00	1.5	0.00	AIR-CHANGE	0.24	259.0	3625.9
90Core Spc (G.C10)	2.0	EXT	-90.0	1.03	3.2	0.24	AIR-CHANGE	0.00	569.1	7967.1
90Plnm (G.11)	2.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.13	6207.2	12414.4
Spaces on floor: 91Ground Flr (rev: 93)										
91NNW Perim Spc (G.NNW1)	1.0	EXT	90.0	0.70	0.0	0.24	AIR-CHANGE	0.17	941.6	13182.4
91NE Perim Spc (G.NE2)	1.0	EXT	-90.0	0.70	0.0	0.24	AIR-CHANGE	0.23	512.2	7170.6
91Core Spc (G.C3)	1.0	INT	180.0	0.70	0.0	0.24	AIR-CHANGE	0.00	717.1	10038.9
91West Perim Spc (G.W4)	1.0	EXT	0.0	1.00	5.6	0.25	AIR-CHANGE	0.08	1397.4	19564.2
91SW Perim Spc (G.SW5)	1.0	EXT	90.0	1.00	1.6	0.25	AIR-CHANGE	0.24	390.4	5465.3
91South Perim Spc (G.S6)	1.0	EXT	-90.0	1.00	4.0	0.25	AIR-CHANGE	0.16	1002.5	14035.1
91Core Spc (G.C7)	1.0	INT	0.0	0.00	1.3	0.00	AIR-CHANGE	0.00	233.3	3266.6
91Core Spc (G.C8)	1.0	INT	0.0	0.00	1.1	0.00	AIR-CHANGE	0.00	184.6	2584.7
91Core Spc (G.C9)	1.0	INT	0.0	0.00	1.5	0.00	AIR-CHANGE	0.00	259.0	3625.9
91Core Spc (G.C10)	1.0	INT	0.0	1.33	3.2	0.25	AIR-CHANGE	0.00	569.1	7967.1
91ESE Perim Spc (G.ESE11)	1.0	EXT	90.0	1.00	5.8	0.25	AIR-CHANGE	0.15	1449.3	20289.5
91Plnm (G.12)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.11	7656.4	15312.9
ERU-91-1 Spc	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	10000.0	100000.0
Spaces on floor: 92Ground Flr (rev: 94)										
92NNW Perim Spc (G.NNW1)	1.0	EXT	90.0	0.70	0.0	0.24	AIR-CHANGE	0.17	941.6	13182.4
92NE Perim Spc (G.NE2)	1.0	EXT	-90.0	0.70	0.0	0.24	AIR-CHANGE	0.23	512.2	7170.6
92Core Spc (G.C3)	1.0	INT	180.0	0.70	0.0	0.24	AIR-CHANGE	0.00	717.1	10038.9
92West Perim Spc (G.W4)	1.0	EXT	0.0	1.00	0.0	0.25	AIR-CHANGE	0.08	1397.4	19564.2
92SW Perim Spc (G.SW5)	1.0	EXT	90.0	1.00	1.6	0.25	AIR-CHANGE	0.24	390.4	5465.3
92South Perim Spc (G.S6)	1.0	EXT	-90.0	1.00	4.0	0.25	AIR-CHANGE	0.16	1002.5	14035.1
92Core Spc (G.C7)	1.0	INT	0.0	0.00	1.3	0.00	AIR-CHANGE	0.00	233.3	3266.6
92Core Spc (G.C8)	1.0	INT	0.0	0.00	1.1	0.00	AIR-CHANGE	0.00	184.6	2584.7
92Core Spc (G.C9)	1.0	INT	0.0	0.00	1.5	0.00	AIR-CHANGE	0.00	259.0	3625.9
92Core Spc (G.C10)	1.0	INT	0.0	1.00	3.2	0.25	AIR-CHANGE	0.00	569.1	7967.1
92ESE Perim Spc (G.ESE11)	1.0	EXT	90.0	1.00	5.8	0.25	AIR-CHANGE	0.15	1449.3	20289.5
92Plnm (G.12)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.11	7656.4	15312.9
Spaces on floor: 93MER										
93MERSpace	2.0	EXT	0.0	1.00	6.9	0.25	NO-INFILT.	0.00	6889.0	124002.0
BUILDING TOTALS					7870.3				2096481.0	20073558.0

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NUMBER OF EXTERIOR SURFACES 857
(U-VALUE INCLUDES OUTSIDE FILM; WINDOW INCLUDES FRAME AND CURB, IF DEFINED)

SURFACE	- - - W I N D O W S - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	- - - - W A L L - - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	-W A L L + W I N D O W S- U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	AZIMUTH
68DBNNW Wall (G.WNW1.E5)	0.000	0.00	0.062	366.00	0.062	366.00	NORTH
in space: 68DBWNW Perim Spc (G.WNW1)							
68DBNNW Wall (G.2.E11)	0.000	0.00	0.062	24.40	0.062	24.40	NORTH
in space: 68DBPlnm (G.2)							
Exterior Wall 885	0.000	0.00	0.062	2988.00	0.062	2988.00	NORTH
in space: 93MERSpace							
GNNE Wall (G.NNE3.E5)	0.000	0.00	0.062	1290.08	0.062	1290.08	NORTH
in space: GNNE Perim Spc (G.NNE3)							
6MCNNE Wall (G.N2.E5)	0.000	0.00	0.062	3767.56	0.062	3767.56	NORTH
in space: 6MCNorth Perim Spc (G.N2)							
GNNE Wall (G.18.E29)	0.000	0.00	0.062	42.10	0.062	42.10	NORTH
in space: GPlnm (G.18)							
GNNE Wall (G.18.E31)	0.000	0.00	0.062	137.60	0.062	137.60	NORTH
in space: GPlnm (G.18)							
GNNE Wall (G.18.E32)	0.000	0.00	0.062	162.40	0.062	162.40	NORTH
in space: GPlnm (G.18)							
GNNE Wall (G.18.E34)	0.000	0.00	0.062	172.00	0.062	172.00	NORTH
in space: GPlnm (G.18)							
1MNNE Wall (G.NW1.E2)	0.502	108.00	0.062	12.00	0.458	120.00	NORTH
in space: 1MNW Perim Spc (G.NW1)							
1MNNE Wall (G.N2.E3)	0.000	0.00	0.062	837.20	0.062	837.20	NORTH
in space: 1MNorth Perim Spc (G.N2)							
1MNNE Wall (G.NNE6.E11)	0.502	1114.92	0.062	123.88	0.458	1238.80	NORTH
in space: 1MNNE Perim Spc (G.NNE6)							
25NNE Wall (G.NW1.E2)	0.502	249.38	0.062	13.13	0.480	262.50	NORTH
in space: 25NW Perim Spc (G.NW1)							
25NNE Wall (G.N2.E3)	0.000	0.00	0.062	1831.38	0.062	1831.38	NORTH
in space: 25North Perim Spc (G.N2)							
25NNE Wall (G.NNE11.E14)	0.502	1807.98	0.062	95.15	0.480	1903.13	NORTH
in space: 25NNE Perim Spc (G.NNE11)							
Exterior Wall 888	0.502	625.00	0.062	275.00	0.367	900.00	NORTH
in space: 25NNE Perim Spc (G.NNE11)							
25NNE Wall (G.NNE12.E15)	0.502	766.41	0.062	40.34	0.480	806.75	NORTH
in space: 25NNE Perim Spc (G.NNE12)							
25NNE Wall (M.NW17.E17)	0.502	498.75	0.062	26.25	0.480	525.00	NORTH
in space: 25NW Perim Spc (M.NW17)							
25NNE Wall (M.N18.E18)	0.000	0.00	0.062	3662.75	0.062	3662.75	NORTH
in space: 25North Perim Spc (M.N18)							
25NNE Wall (M.NNE27.E29)	0.502	3615.96	0.062	190.29	0.480	3806.25	NORTH
in space: 25NNE Perim Spc (M.NNE27)							
Exterior Wall 890	0.502	1250.00	0.062	550.00	0.367	1800.00	NORTH
in space: 25NNE Perim Spc (M.NNE27)							
25NNE Wall (M.NNE28.E30)	0.502	1532.83	0.062	80.67	0.480	1613.50	NORTH
in space: 25NNE Perim Spc (M.NNE28)							
25NNE Wall (T.NW33.E32)	0.502	249.38	0.062	13.13	0.480	262.50	NORTH
in space: 25NW Perim Spc (T.NW33)							
25NNE Wall (T.N34.E33)	0.000	0.00	0.062	1831.38	0.062	1831.38	NORTH
in space: 25North Perim Spc (T.N34)							

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25NNE Wall (T.NNE43.E44)	0.502	1807.98	0.062	95.15	0.480	1903.13	NORTH
in space: 25NNE Perim Spc (T.NNE43)							
Exterior Wall 892	0.502	625.00	0.062	275.00	0.367	900.00	NORTH
in space: 25NNE Perim Spc (T.NNE43)							
25NNE Wall (T.NNE44.E45)	0.502	766.41	0.062	40.34	0.480	806.75	NORTH
in space: 25NNE Perim Spc (T.NNE44)							
GNNE Wall (G.NW1.E2)	0.502	188.81	0.062	21.19	0.457	210.00	NORTH
in space: GNW Perim Spc (G.NW1)							
6MCNNE Wall (G.NW3.E7)	0.000	0.00	0.062	540.00	0.062	540.00	NORTH
in space: 6MCNW Perim Spc (G.NW3)							
6MCNNE Wall (G.NNE4.E8)	0.000	0.00	0.062	5574.60	0.062	5574.60	NORTH
in space: 6MCNNE Perim Spc (G.NNE4)							
6MCNNE Wall (G.11.E14)	0.000	0.00	0.062	339.70	0.062	339.70	NORTH
in space: 6MCPlnm (G.11)							
6MCNNE Wall (G.11.E16)	0.000	0.00	0.062	209.30	0.062	209.30	NORTH
in space: 6MCPlnm (G.11)							
Exterior Wall 895	0.000	0.00	0.062	1080.00	0.062	1080.00	NORTH
in space: 6MC Top Spc							
8ANNE Wall (G.NW1.E2)	0.000	0.00	0.062	387.60	0.062	387.60	NORTH
in space: 8ANW Perim Spc (G.NW1)							
8ANNE Wall (G.WSW2.E6)	0.502	262.50	0.062	1543.50	0.126	1806.00	NORTH
in space: 8AWSW Perim Spc (G.WSW2)							
8ANNE Wall (G.NNE3.E8)	0.000	0.00	0.062	204.00	0.062	204.00	NORTH
in space: 8ANNE Perim Spc (G.NNE3)							
8ANNE Wall (G.NNE5.E9)	0.000	0.00	0.062	429.60	0.062	429.60	NORTH
in space: 8ANNE Perim Spc (G.NNE5)							
8ANNE Wall (G.NNE7.E10)	0.000	0.00	0.062	252.00	0.062	252.00	NORTH
in space: 8ANNE Perim Spc (G.NNE7)							
8ANNE Wall (G.ESE12.E17)	0.000	0.00	0.062	109.20	0.062	109.20	NORTH
in space: 8AESE Perim Spc (G.ESE12)							
8MCNNE Wall (G.NNE1.E3)	0.000	0.00	0.062	597.00	0.062	597.00	NORTH
in space: 8MANNE Perim Spc (G.NNE1)							
8MCNNE Wall (G.SSW2.E6)	0.000	0.00	0.062	846.00	0.062	846.00	NORTH
in space: 8MASSW Perim Spc (G.SSW2)							
10ANNE Wall (G.N8.E12)	0.502	936.81	0.062	401.59	0.370	1338.40	NORTH
in space: 10ANorth Perim Spc (G.N8)							
10ANNE Wall (G.ENE9.E13)	0.502	365.02	0.062	156.48	0.370	521.50	NORTH
in space: 10AENE Perim Spc (G.ENE9)							
10ANNE Wall (G.10.E20)	0.000	0.00	0.062	5535.86	0.062	5535.86	NORTH
in space: 10APlnm (G.10)							
10MNNE Wall (G.N8.E12)	0.000	0.00	0.062	5576.35	0.062	5576.35	NORTH
in space: 10MNorth Perim Spc (G.N8)							
10MNNE Wall (G.ENE9.E13)	0.000	0.00	0.062	2172.79	0.062	2172.79	NORTH
in space: 10MENE Perim Spc (G.ENE9)							
11MCNNE Wall (G.NNE1.E4)	0.000	0.00	0.062	3807.41	0.062	3807.41	NORTH
in space: 11MCNNE Perim Spc (G.NNE1)							
11DBNNE Wall (G.WNW1.E4)	0.000	0.00	0.062	2126.45	0.062	2126.45	NORTH
in space: 11DBWNW Perim Spc (G.WNW1)							
1519NNE Wall (G.WNW6.E3)	0.502	890.48	0.062	77.02	0.467	967.50	NORTH
in space: 1519WNW Perim Spc (G.WNW6)							
1519NNE Wall (G.NNE7.E4)	0.502	2839.17	0.062	246.33	0.467	3085.50	NORTH
in space: 1519NNE Perim Spc (G.NNE7)							
1519NNE Wall (G.E8.E6)	0.532	766.24	0.062	0.26	0.532	766.50	NORTH
in space: 1519East Perim Spc (G.E8)							
1519NNE Wall (G.14.E23)	0.000	0.00	0.062	867.51	0.062	867.51	NORTH
in space: 1519Plnm (G.14)							
1519NNE Wall (M.WNW20.E26)	0.502	1484.13	0.062	128.37	0.467	1612.50	NORTH
in space: 1519WNW Perim Spc (M.WNW20)							

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1519NNE Wall (M.NNE21.E27)	0.502	4731.96	0.062	410.54	0.467	5142.50	NORTH
in space: 1519NNE Perim Spc (M.NNE21)							
1519NNE Wall (M.E22.E29)	0.532	1277.07	0.062	0.43	0.532	1277.50	NORTH
in space: 1519East Perim Spc (M.E22)							
1519NNE Wall (M.28.E46)	0.000	0.00	0.062	1445.85	0.062	1445.85	NORTH
in space: 1519Plnm (M.28)							
1519NNE Wall (T.WNW34.E49)	0.502	296.83	0.062	154.67	0.351	451.50	NORTH
in space: 1519WNW Perim Spc (T.WNW34)							
1519NNE Wall (T.NNE35.E50)	0.502	946.39	0.062	493.51	0.351	1439.90	NORTH
in space: 1519NNE Perim Spc (T.NNE35)							
1519NNE Wall (T.E36.E52)	0.531	265.41	0.062	92.29	0.410	357.70	NORTH
in space: 1519East Perim Spc (T.E36)							
1519NNE Wall (T.42.E69)	0.000	0.00	0.062	289.17	0.062	289.17	NORTH
in space: 1519Plnm (T.42)							
2026NNE Wall (G.E6.E1)	0.531	265.41	0.062	92.29	0.410	357.70	NORTH
in space: 2026East Perim Spc (G.E6)							
2026NNE Wall (G.WNW7.E5)	0.502	296.83	0.062	154.67	0.351	451.50	NORTH
in space: 2026WNW Perim Spc (G.WNW7)							
2026NNE Wall (G.NNE8.E6)	0.502	946.39	0.062	493.51	0.351	1439.90	NORTH
in space: 2026NNE Perim Spc (G.NNE8)							
2026NNE Wall (G.14.E20)	0.000	0.00	0.062	289.17	0.062	289.17	NORTH
in space: 2026Plnm (G.14)							
2026NNE Wall (M.E20.E21)	0.532	1277.07	0.062	0.43	0.532	1277.50	NORTH
in space: 2026East Perim Spc (M.E20)							
2026NNE Wall (M.WNW21.E25)	0.502	1484.13	0.062	128.37	0.467	1612.50	NORTH
in space: 2026WNW Perim Spc (M.WNW21)							
2026NNE Wall (M.NNE22.E26)	0.502	4731.96	0.062	410.54	0.467	5142.50	NORTH
in space: 2026NNE Perim Spc (M.NNE22)							
2026NNE Wall (M.28.E40)	0.000	0.00	0.062	1445.85	0.062	1445.85	NORTH
in space: 2026Plnm (M.28)							
2026NNE Wall (T.E34.E41)	0.531	265.41	0.062	92.29	0.410	357.70	NORTH
in space: 2026East Perim Spc (T.E34)							
2026NNE Wall (T.WNW35.E45)	0.502	296.83	0.062	154.67	0.351	451.50	NORTH
in space: 2026WNW Perim Spc (T.WNW35)							
2026NNE Wall (T.NNE36.E46)	0.502	946.39	0.062	493.51	0.351	1439.90	NORTH
in space: 2026NNE Perim Spc (T.NNE36)							
2026NNE Wall (T.42.E60)	0.000	0.00	0.062	289.17	0.062	289.17	NORTH
in space: 2026Plnm (T.42)							
27MCNNE Wall (G.E6.E1)	0.000	0.00	0.062	459.90	0.062	459.90	NORTH
in space: 27MCEast Perim Spc (G.E6)							
27MCNNE Wall (G.WNW7.E5)	0.000	0.00	0.062	580.50	0.062	580.50	NORTH
in space: 27MCWNW Perim Spc (G.WNW7)							
27MCNNE Wall (G.NNE8.E6)	0.000	0.00	0.062	1851.30	0.062	1851.30	NORTH
in space: 27MCNNE Perim Spc (G.NNE8)							
28NNE Wall (G.NNW5.E2)	0.502	328.78	0.062	191.32	0.340	520.10	NORTH
in space: 28NNW Perim Spc (G.NNW5)							
28NNE Wall (G.NNE6.E3)	0.502	329.66	0.062	191.84	0.340	521.50	NORTH
in space: 28NNE Perim Spc (G.NNE6)							
28NNE Wall (G.E7.E4)	0.533	245.00	0.062	112.70	0.385	357.70	NORTH
in space: 28East Perim Spc (G.E7)							
28NNE Wall (G.13.E16)	0.000	0.00	0.062	199.90	0.062	199.90	NORTH
in space: 28Plnm (G.13)							
2936NNE Wall (M.NNW18.E18)	0.502	2630.22	0.062	282.34	0.459	2912.56	NORTH
in space: 2936NNW Perim Spc (M.NNW18)							
2936NNE Wall (M.NNE19.E19)	0.502	2637.30	0.062	283.10	0.459	2920.40	NORTH
in space: 2936NNE Perim Spc (M.NNE19)							
2936NNE Wall (M.E20.E20)	0.533	1960.00	0.062	43.12	0.523	2003.12	NORTH
in space: 2936East Perim Spc (M.E20)							

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2936NNE Wall (M.26.E32)	0.000	0.00	0.062	1599.20	0.062	1599.20	NORTH
in space: 2936Plnm (M.26)							
3744NNE Wall (M.NNW18.E18)	0.502	2630.22	0.062	282.34	0.459	2912.56	NORTH
in space: 3744NNW Perim Spc (M.NNW18)							
3744NNE Wall (M.NNE19.E19)	0.502	2637.30	0.062	283.10	0.459	2920.40	NORTH
in space: 3744NNE Perim Spc (M.NNE19)							
3744NNE Wall (M.E20.E20)	0.533	1960.00	0.062	43.12	0.523	2003.12	NORTH
in space: 3744East Perim Spc (M.E20)							
3744NNE Wall (M.26.E32)	0.000	0.00	0.062	1599.20	0.062	1599.20	NORTH
in space: 3744Plnm (M.26)							
45NNE Wall (T.NNW31.E34)	0.502	328.78	0.062	191.32	0.340	520.10	NORTH
in space: 45NNW Perim Spc (T.NNW31)							
45NNE Wall (T.NNE32.E35)	0.502	329.66	0.062	191.84	0.340	521.50	NORTH
in space: 45NNE Perim Spc (T.NNE32)							
45NNE Wall (T.E33.E36)	0.533	245.00	0.062	112.70	0.385	357.70	NORTH
in space: 45East Perim Spc (T.E33)							
45NNE Wall (T.39.E48)	0.000	0.00	0.062	199.90	0.062	199.90	NORTH
in space: 45Plnm (T.39)							
46MCNNE Wall (T.NNW31.E34)	0.000	0.00	0.062	668.70	0.062	668.70	NORTH
in space: 46MCNNW Perim Spc (T.NNW31)							
46MCNNE Wall (T.NNE32.E35)	0.000	0.00	0.062	670.50	0.062	670.50	NORTH
in space: 46MCNNE Perim Spc (T.NNE32)							
46MCNNE Wall (T.E33.E36)	0.000	0.00	0.062	459.90	0.062	459.90	NORTH
in space: 46MCEast Perim Spc (T.E33)							
46MCNNE Wall (T.39.E48)	0.000	0.00	0.062	199.90	0.062	199.90	NORTH
in space: 46MCPlnm (T.39)							
47NNE Wall (G.NNW1.E2)	0.502	249.60	0.062	42.00	0.438	291.60	NORTH
in space: 47NNW Perim Spc (G.NNW1)							
47NNE Wall (G.NNW1.E4)	0.502	93.83	0.062	15.79	0.438	109.62	NORTH
in space: 47NNW Perim Spc (G.NNW1)							
47NNE Wall (G.ENE7.E15)	0.531	265.41	0.062	31.59	0.481	297.00	NORTH
in space: 47ENE Perim Spc (G.ENE7)							
47NNE Wall (G.NE8.E17)	0.502	326.33	0.062	54.91	0.438	381.24	NORTH
in space: 47NE Perim Spc (G.NE8)							
47NNE Wall (G.13.E23)	0.000	0.00	0.062	55.00	0.062	55.00	NORTH
in space: 47Plnm (G.13)							
47NNE Wall (G.13.E25)	0.000	0.00	0.062	124.60	0.062	124.60	NORTH
in space: 47Plnm (G.13)							
47NNE Wall (G.13.E27)	0.000	0.00	0.062	20.30	0.062	20.30	NORTH
in space: 47Plnm (G.13)							
4856NNE Wall (M.NNW14.E29)	0.502	2246.38	0.062	378.02	0.438	2624.40	NORTH
in space: 4856NNW Perim Spc (M.NNW14)							
4856NNE Wall (M.NNW14.E31)	0.502	844.47	0.062	142.11	0.438	986.58	NORTH
in space: 4856NNW Perim Spc (M.NNW14)							
4856NNE Wall (M.ENE20.E41)	0.531	2388.72	0.062	284.28	0.481	2673.00	NORTH
in space: 4856ENE Perim Spc (M.ENE20)							
4856NNE Wall (M.NE21.E43)	0.502	2936.93	0.062	494.23	0.438	3431.16	NORTH
in space: 4856NE Perim Spc (M.NE21)							
4856NNE Wall (M.26.E49)	0.000	0.00	0.062	495.00	0.062	495.00	NORTH
in space: 4856Plnm (M.26)							
4856NNE Wall (M.26.E51)	0.000	0.00	0.062	1121.40	0.062	1121.40	NORTH
in space: 4856Plnm (M.26)							
4856NNE Wall (M.26.E53)	0.000	0.00	0.062	182.70	0.062	182.70	NORTH
in space: 4856Plnm (M.26)							
5765NNE Wall (M.NNW14.E29)	0.502	2246.38	0.062	378.02	0.438	2624.40	NORTH
in space: 5765NNW Perim Spc (M.NNW14)							
5765NNE Wall (M.NNW14.E31)	0.502	844.47	0.062	142.11	0.438	986.58	NORTH
in space: 5765NNW Perim Spc (M.NNW14)							

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5765NNE Wall (M.ENE20.E41)	0.531	2388.72	0.062	284.28	0.481	2673.00	NORTH
in space: 5765ENE Perim Spc (M.ENE20)							
5765NNE Wall (M.NE21.E43)	0.502	2936.93	0.062	494.23	0.438	3431.16	NORTH
in space: 5765NE Perim Spc (M.NE21)							
5765NNE Wall (M.26.E49)	0.000	0.00	0.062	495.00	0.062	495.00	NORTH
in space: 5765Plnm (M.26)							
5765NNE Wall (M.26.E51)	0.000	0.00	0.062	1121.40	0.062	1121.40	NORTH
in space: 5765Plnm (M.26)							
5765NNE Wall (M.26.E53)	0.000	0.00	0.062	182.70	0.062	182.70	NORTH
in space: 5765Plnm (M.26)							
66NNE Wall (T.NNW27.E55)	0.502	249.60	0.062	128.40	0.352	378.00	NORTH
in space: 66NNW Perim Spc (T.NNW27)							
66NNE Wall (T.NNW27.E57)	0.502	93.83	0.062	48.27	0.352	142.10	NORTH
in space: 66NNW Perim Spc (T.NNW27)							
66NNE Wall (T.ENE33.E67)	0.531	265.41	0.062	119.59	0.385	385.00	NORTH
in space: 66ENE Perim Spc (T.ENE33)							
66NNE Wall (T.NE34.E69)	0.502	326.33	0.062	167.87	0.352	494.20	NORTH
in space: 66NE Perim Spc (T.NE34)							
66NNE Wall (T.39.E75)	0.000	0.00	0.062	55.00	0.062	55.00	NORTH
in space: 66Plnm (T.39)							
66NNE Wall (T.39.E77)	0.000	0.00	0.062	124.60	0.062	124.60	NORTH
in space: 66Plnm (T.39)							
66NNE Wall (T.39.E79)	0.000	0.00	0.062	20.30	0.062	20.30	NORTH
in space: 66Plnm (T.39)							
67MCNNE Wall (G.NNW1.E2)	0.000	0.00	0.062	756.00	0.062	756.00	NORTH
in space: 67MCNNW Perim Spc (G.NNW1)							
67MCNNE Wall (G.NNW1.E4)	0.000	0.00	0.062	284.20	0.062	284.20	NORTH
in space: 67MCNNW Perim Spc (G.NNW1)							
67MCNNE Wall (G.ENE7.E14)	0.000	0.00	0.062	770.00	0.062	770.00	NORTH
in space: 67MCENE Perim Spc (G.ENE7)							
67MCNNE Wall (G.NE8.E16)	0.000	0.00	0.062	988.40	0.062	988.40	NORTH
in space: 67MCNE Perim Spc (G.NE8)							
68NNE Wall (G.NNW1.E2)	0.502	230.38	0.062	38.42	0.439	268.80	NORTH
in space: 68NNW Perim Spc (G.NNW1)							
68NNE Wall (G.NNW1.E4)	0.502	191.99	0.062	32.01	0.439	224.00	NORTH
in space: 68NNW Perim Spc (G.NNW1)							
68NNE Wall (G.NE2.E6)	0.502	446.97	0.062	74.53	0.439	521.50	NORTH
in space: 68NE Perim Spc (G.NE2)							
68NNE Wall (G.ESE3.E12)	0.526	350.00	0.062	35.00	0.484	385.00	NORTH
in space: 68ESE Perim Spc (G.ESE3)							
68NNE Wall (G.11.E30)	0.000	0.00	0.062	55.00	0.062	55.00	NORTH
in space: 68Plnm (G.11)							
68NNE Wall (G.11.E32)	0.000	0.00	0.062	112.90	0.062	112.90	NORTH
in space: 68Plnm (G.11)							
68NNE Wall (G.11.E34)	0.000	0.00	0.062	32.00	0.062	32.00	NORTH
in space: 68Plnm (G.11)							
68DBNNE Wall (G.WNW1.E4)	0.000	0.00	0.062	105.00	0.062	105.00	NORTH
in space: 68DBWNW Perim Spc (G.WNW1)							
GNNE Wall (G.E6.E10)	0.502	283.89	0.062	31.76	0.457	315.65	NORTH
in space: GEast Perim Spc (G.E6)							
68DBNNE Wall (G.WNW1.E6)	0.000	0.00	0.062	456.00	0.062	456.00	NORTH
in space: 68DBWNW Perim Spc (G.WNW1)							
68DBNNE Wall (G.2.E10)	0.000	0.00	0.062	7.00	0.062	7.00	NORTH
in space: 68DBPlnm (G.2)							
GNNE Wall (G.NNE7.E11)	0.502	667.59	0.062	74.91	0.457	742.50	NORTH
in space: GNNE Perim Spc (G.NNE7)							
68DBNNE Wall (G.2.E12)	0.000	0.00	0.062	30.40	0.062	30.40	NORTH
in space: 68DBPlnm (G.2)							

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69NNE Wall (G.NNW1.E2)	0.502	230.38	0.062	38.42	0.439	268.80	NORTH
in space: 69NNW Perim Spc (G.NNW1)							
69NNE Wall (G.NNW1.E4)	0.502	191.99	0.062	32.01	0.439	224.00	NORTH
in space: 69NNW Perim Spc (G.NNW1)							
69NNE Wall (G.NE2.E6)	0.502	446.97	0.062	74.53	0.439	521.50	NORTH
in space: 69NE Perim Spc (G.NE2)							
69NNE Wall (G.ESE3.E12)	0.526	350.00	0.062	35.00	0.484	385.00	NORTH
in space: 69ESE Perim Spc (G.ESE3)							
69NNE Wall (G.11.E30)	0.000	0.00	0.062	55.00	0.062	55.00	NORTH
in space: 69Plnm (G.11)							
69NNE Wall (G.11.E32)	0.000	0.00	0.062	112.90	0.062	112.90	NORTH
in space: 69Plnm (G.11)							
69NNE Wall (G.11.E34)	0.000	0.00	0.062	32.00	0.062	32.00	NORTH
in space: 69Plnm (G.11)							
70NNE Wall (G.NNW1.E2)	0.502	147.91	0.062	24.89	0.438	172.80	NORTH
in space: 70NNW Perim Spc (G.NNW1)							
70NNE Wall (G.NNW1.E4)	0.502	177.49	0.062	29.87	0.438	207.36	NORTH
in space: 70NNW Perim Spc (G.NNW1)							
70NNE Wall (G.NE5.E12)	0.502	344.35	0.062	57.95	0.438	402.30	NORTH
in space: 70NE Perim Spc (G.NE5)							
70NNE Wall (G.ENE6.E13)	0.531	265.41	0.062	31.59	0.481	297.00	NORTH
in space: 70ENE Perim Spc (G.ENE6)							
70NNE Wall (G.12.E24)	0.000	0.00	0.062	55.00	0.062	55.00	NORTH
in space: 70Plnm (G.12)							
70NNE Wall (G.12.E26)	0.000	0.00	0.062	112.90	0.062	112.90	NORTH
in space: 70Plnm (G.12)							
70NNE Wall (G.12.E28)	0.000	0.00	0.062	32.00	0.062	32.00	NORTH
in space: 70Plnm (G.12)							
7179NNE Wall (M.NNW13.E30)	0.502	1331.19	0.062	224.01	0.438	1555.20	NORTH
in space: 7179NNW Perim Spc (M.NNW13)							
7179NNE Wall (M.NNW13.E32)	0.502	1597.43	0.062	268.81	0.438	1866.24	NORTH
in space: 7179NNW Perim Spc (M.NNW13)							
7179NNE Wall (M.NE17.E40)	0.502	3099.17	0.062	521.53	0.438	3620.70	NORTH
in space: 7179NE Perim Spc (M.NE17)							
7179NNE Wall (M.ENE18.E41)	0.531	2388.72	0.062	284.28	0.481	2673.00	NORTH
in space: 7179ENE Perim Spc (M.ENE18)							
7179NNE Wall (M.24.E52)	0.000	0.00	0.062	495.00	0.062	495.00	NORTH
in space: 7179Plnm (M.24)							
7179NNE Wall (M.24.E54)	0.000	0.00	0.062	1016.10	0.062	1016.10	NORTH
in space: 7179Plnm (M.24)							
7179NNE Wall (M.24.E56)	0.000	0.00	0.062	288.00	0.062	288.00	NORTH
in space: 7179Plnm (M.24)							
8087NNE Wall (M.NNW13.E30)	0.502	1183.28	0.062	199.12	0.438	1382.40	NORTH
in space: 8087NNW Perim Spc (M.NNW13)							
8087NNE Wall (M.NNW13.E32)	0.502	1474.56	0.062	184.32	0.453	1658.88	NORTH
in space: 8087NNW Perim Spc (M.NNW13)							
8087NNE Wall (M.NE17.E40)	0.502	2754.82	0.062	463.58	0.438	3218.40	NORTH
in space: 8087NE Perim Spc (M.NE17)							
8087NNE Wall (M.ENE18.E41)	0.531	2123.31	0.062	252.69	0.481	2376.00	NORTH
in space: 8087ENE Perim Spc (M.ENE18)							
8087NNE Wall (M.24.E52)	0.000	0.00	0.062	440.00	0.062	440.00	NORTH
in space: 8087Plnm (M.24)							
8087NNE Wall (M.24.E54)	0.000	0.00	0.062	903.20	0.062	903.20	NORTH
in space: 8087Plnm (M.24)							
8087NNE Wall (M.24.E56)	0.000	0.00	0.062	256.00	0.062	256.00	NORTH
in space: 8087Plnm (M.24)							
88NNE Wall (T.NNW25.E58)	0.502	147.91	0.062	76.09	0.352	224.00	NORTH
in space: 88NNW Perim Spc (T.NNW25)							

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88NNE Wall (T.NNW25.E60)	0.502	177.49	0.062	91.31	0.352	268.80	NORTH
in space: 88NNW Perim Spc (T.NNW25)							
88NNE Wall (T.NE29.E68)	0.502	344.35	0.062	177.15	0.352	521.50	NORTH
in space: 88NE Perim Spc (T.NE29)							
88NNE Wall (T.ENE30.E69)	0.531	265.41	0.062	119.59	0.385	385.00	NORTH
in space: 88ENE Perim Spc (T.ENE30)							
88NNE Wall (T.36.E80)	0.000	0.00	0.062	55.00	0.062	55.00	NORTH
in space: 88Plnm (T.36)							
88NNE Wall (T.36.E82)	0.000	0.00	0.062	112.90	0.062	112.90	NORTH
in space: 88Plnm (T.36)							
88NNE Wall (T.36.E84)	0.000	0.00	0.062	32.00	0.062	32.00	NORTH
in space: 88Plnm (T.36)							
89NNE Wall (G.NNW1.E2)	0.502	460.77	0.062	76.83	0.439	537.60	NORTH
in space: 89NNW Perim Spc (G.NNW1)							
89NNE Wall (G.NNW1.E4)	0.502	383.97	0.062	64.03	0.439	448.00	NORTH
in space: 89NNW Perim Spc (G.NNW1)							
89NNE Wall (G.NE2.E6)	0.502	893.94	0.062	149.06	0.439	1043.00	NORTH
in space: 89NE Perim Spc (G.NE2)							
89NNE Wall (G.S6.E13)	0.000	0.00	0.062	284.20	0.062	284.20	NORTH
in space: 89South Perim Spc (G.S6)							
89NNE Wall (G.11.E22)	0.000	0.00	0.062	40.60	0.062	40.60	NORTH
in space: 89Plnm (G.11)							
89NNE Wall (G.11.E25)	0.000	0.00	0.062	225.80	0.062	225.80	NORTH
in space: 89Plnm (G.11)							
89NNE Wall (G.11.E27)	0.000	0.00	0.062	64.00	0.062	64.00	NORTH
in space: 89Plnm (G.11)							
89DBNNE Wall (G.WNW1.E4)	0.502	1250.00	0.062	482.50	0.379	1732.50	NORTH
in space: 89DBWNW Perim Spc (G.WNW1)							
89DBNNE Wall (G.2.E8)	0.000	0.00	0.062	110.00	0.062	110.00	NORTH
in space: 89DBPlnm (G.2)							
90NNE Wall (G.NNW1.E2)	0.502	460.77	0.062	76.83	0.439	537.60	NORTH
in space: 90NNW Perim Spc (G.NNW1)							
90NNE Wall (G.NNW1.E4)	0.502	383.97	0.062	64.03	0.439	448.00	NORTH
in space: 90NNW Perim Spc (G.NNW1)							
90NNE Wall (G.NE2.E6)	0.502	893.94	0.062	149.06	0.439	1043.00	NORTH
in space: 90NE Perim Spc (G.NE2)							
90NNE Wall (G.S6.E13)	0.000	0.00	0.062	284.20	0.062	284.20	NORTH
in space: 90South Perim Spc (G.S6)							
90NNE Wall (G.11.E22)	0.000	0.00	0.062	40.60	0.062	40.60	NORTH
in space: 90Plnm (G.11)							
90NNE Wall (G.11.E25)	0.000	0.00	0.062	225.80	0.062	225.80	NORTH
in space: 90Plnm (G.11)							
90NNE Wall (G.11.E27)	0.000	0.00	0.062	64.00	0.062	64.00	NORTH
in space: 90Plnm (G.11)							
91NNE Wall (G.NNW1.E2)	0.530	238.00	0.062	30.80	0.477	268.80	NORTH
in space: 91NNW Perim Spc (G.NNW1)							
91NNE Wall (G.NNW1.E4)	0.532	210.00	0.062	14.00	0.502	224.00	NORTH
in space: 91NNW Perim Spc (G.NNW1)							
91NNE Wall (G.NE2.E6)	0.524	490.00	0.062	31.50	0.496	521.50	NORTH
in space: 91NE Perim Spc (G.NE2)							
91NNE Wall (G.ESE11.E15)	0.000	0.00	0.062	385.00	0.062	385.00	NORTH
in space: 91ESE Perim Spc (G.ESE11)							
91NNE Wall (G.12.E23)	0.000	0.00	0.062	55.00	0.062	55.00	NORTH
in space: 91Plnm (G.12)							
91NNE Wall (G.12.E25)	0.000	0.00	0.062	112.90	0.062	112.90	NORTH
in space: 91Plnm (G.12)							
91NNE Wall (G.12.E27)	0.000	0.00	0.062	32.00	0.062	32.00	NORTH
in space: 91Plnm (G.12)							

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92NNE Wall (G.NNW1.E2)	0.530	238.00	0.062	30.80	0.477	268.80	NORTH
in space: 92NNW Perim Spc (G.NNW1)							
92NNE Wall (G.NNW1.E4)	0.532	210.00	0.062	14.00	0.502	224.00	NORTH
in space: 92NNW Perim Spc (G.NNW1)							
92NNE Wall (G.NE2.E6)	0.524	490.00	0.062	31.50	0.496	521.50	NORTH
in space: 92NE Perim Spc (G.NE2)							
92NNE Wall (G.ESE11.E15)	0.000	0.00	0.062	385.00	0.062	385.00	NORTH
in space: 92ESE Perim Spc (G.ESE11)							
92NNE Wall (G.12.E23)	0.000	0.00	0.062	55.00	0.062	55.00	NORTH
in space: 92Plnm (G.12)							
92NNE Wall (G.12.E25)	0.000	0.00	0.062	112.90	0.062	112.90	NORTH
in space: 92Plnm (G.12)							
92NNE Wall (G.12.E27)	0.000	0.00	0.062	32.00	0.062	32.00	NORTH
in space: 92Plnm (G.12)							
GNNE Wall (G.NNE15.E21)	0.502	927.88	0.062	104.12	0.457	1032.00	NORTH
in space: GNNE Perim Spc (G.NNE15)							
GNNE Wall (G.NW2.E3)	0.502	238.71	0.062	26.77	0.457	265.48	NORTH
in space: GNW Perim Spc (G.NW2)							
Exterior Wall 884	0.000	0.00	0.062	2988.00	0.062	2988.00	EAST
in space: 93MERSpace							
25ESE Wall (G.ESE9.E12)	0.000	0.00	0.062	1870.76	0.062	1870.76	EAST
in space: 25ESE Perim Spc (G.ESE9)							
25ESE Wall (T.ESE41.E42)	0.000	0.00	0.062	1870.76	0.062	1870.76	EAST
in space: 25ESE Perim Spc (T.ESE41)							
GESE Wall (G.E6.E9)	0.000	0.00	0.062	591.00	0.062	591.00	EAST
in space: GEast Perim Spc (G.E6)							
1MESE Wall (G.ESE7.E12)	0.000	0.00	0.062	1562.76	0.062	1562.76	EAST
in space: 1MESE Perim Spc (G.ESE7)							
25ESE Wall (M.ESE25.E27)	0.000	0.00	0.062	3741.51	0.062	3741.51	EAST
in space: 25ESE Perim Spc (M.ESE25)							
5765ESE Wall (M.ESE19.E39)	0.502	2223.08	0.062	1023.40	0.363	3246.48	EAST
in space: 5765ESE Perim Spc (M.ESE19)							
5765ESE Wall (M.ENE20.E40)	0.502	1557.49	0.062	716.99	0.363	2274.48	EAST
in space: 5765ENE Perim Spc (M.ENE20)							
2026ESE Wall (G.ESE10.E9)	0.502	245.93	0.062	221.67	0.293	467.60	EAST
in space: 2026ESE Perim Spc (G.ESE10)							
5765ESE Wall (M.NE21.E42)	0.502	725.50	0.062	333.98	0.363	1059.48	EAST
in space: 5765NE Perim Spc (M.NE21)							
2026ESE Wall (G.S13.E13)	0.502	114.86	0.062	103.54	0.293	218.40	EAST
in space: 2026South Perim Spc (G.S13)							
5765ESE Wall (M.26.E48)	0.000	0.00	0.062	1380.60	0.062	1380.60	EAST
in space: 5765Plnm (M.26)							
2026ESE Wall (G.14.E19)	0.000	0.00	0.062	157.68	0.062	157.68	EAST
in space: 2026Plnm (G.14)							
5765ESE Wall (M.26.E50)	0.000	0.00	0.062	196.20	0.062	196.20	EAST
in space: 5765Plnm (M.26)							
10AESE Wall (G.10.E19)	0.000	0.00	0.062	4896.22	0.062	4896.22	EAST
in space: 10APlnm (G.10)							
GESE Wall (G.ESE11.E16)	0.000	0.00	0.062	1724.25	0.062	1724.25	EAST
in space: GESE Perim Spc (G.ESE11)							
2026ESE Wall (M.E20.E22)	0.502	1421.08	0.062	508.92	0.386	1930.00	EAST
in space: 2026East Perim Spc (M.E20)							
10MESE Wall (G.ESE4.E4)	0.000	0.00	0.062	901.20	0.062	901.20	EAST
in space: 10MESE Perim Spc (G.ESE4)							
66ESE Wall (T.SSE31.E63)	0.502	147.17	0.062	131.43	0.294	278.60	EAST
in space: 66SSE Perim Spc (T.SSE31)							
66ESE Wall (T.ESE32.E65)	0.502	247.01	0.062	220.59	0.294	467.60	EAST
in space: 66ESE Perim Spc (T.ESE32)							

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66ESE Wall (T.ENE33.E66)	0.502	173.05	0.062	154.55	0.294	327.60	EAST
in space: 66ENE Perim Spc (T.ENE33)							
10MESE Wall (G.ESE6.E5)	0.000	0.00	0.062	1047.02	0.062	1047.02	EAST
in space: 10MESE Perim Spc (G.ESE6)							
66ESE Wall (T.NE34.E68)	0.502	80.61	0.062	71.99	0.294	152.60	EAST
in space: 66NE Perim Spc (T.NE34)							
2026ESE Wall (M.ESE24.E29)	0.502	1229.64	0.062	440.36	0.386	1670.00	EAST
in space: 2026ESE Perim Spc (M.ESE24)							
66ESE Wall (T.39.E74)	0.000	0.00	0.062	153.40	0.062	153.40	EAST
in space: 66Plnm (T.39)							
2026ESE Wall (M.S27.E33)	0.502	574.32	0.062	205.68	0.386	780.00	EAST
in space: 2026South Perim Spc (M.S27)							
66ESE Wall (T.39.E76)	0.000	0.00	0.062	21.80	0.062	21.80	EAST
in space: 66Plnm (T.39)							
2026ESE Wall (M.28.E39)	0.000	0.00	0.062	788.40	0.062	788.40	EAST
in space: 2026Plnm (M.28)							
10MESE Wall (G.SSW7.E7)	0.000	0.00	0.062	2557.77	0.062	2557.77	EAST
in space: 10MSSW Perim Spc (G.SSW7)							
Exterior Wall 894	0.000	0.00	0.062	1080.00	0.062	1080.00	EAST
in space: 6MC Top Spc							
2026ESE Wall (T.E34.E42)	0.533	217.64	0.062	322.76	0.252	540.40	EAST
in space: 2026East Perim Spc (T.E34)							
67MCESE Wall (G.SSE5.E10)	0.000	0.00	0.062	557.20	0.062	557.20	EAST
in space: 67MCSSE Perim Spc (G.SSE5)							
67MCESE Wall (G.ESE6.E12)	0.000	0.00	0.062	935.20	0.062	935.20	EAST
in space: 67MCESE Perim Spc (G.ESE6)							
67MCESE Wall (G.ENE7.E13)	0.000	0.00	0.062	655.20	0.062	655.20	EAST
in space: 67MCENE Perim Spc (G.ENE7)							
GESE Wall (G.18.E30)	0.000	0.00	0.062	20.70	0.062	20.70	EAST
in space: GPlnm (G.18)							
67MCESE Wall (G.NE8.E15)	0.000	0.00	0.062	305.20	0.062	305.20	EAST
in space: 67MCNE Perim Spc (G.NE8)							
10MESE Wall (G.ENE9.E14)	0.000	0.00	0.062	2347.78	0.062	2347.78	EAST
in space: 10MENE Perim Spc (G.ENE9)							
2026ESE Wall (T.ESE38.E49)	0.502	245.93	0.062	221.67	0.293	467.60	EAST
in space: 2026ESE Perim Spc (T.ESE38)							
2026ESE Wall (T.S41.E53)	0.502	114.86	0.062	103.54	0.293	218.40	EAST
in space: 2026South Perim Spc (T.S41)							
68ESE Wall (G.NE2.E5)	0.502	131.99	0.062	60.51	0.364	192.50	EAST
in space: 68NE Perim Spc (G.NE2)							
2026ESE Wall (T.42.E59)	0.000	0.00	0.062	157.68	0.062	157.68	EAST
in space: 2026Plnm (T.42)							
68ESE Wall (G.NE2.E7)	0.000	0.00	0.062	136.50	0.062	136.50	EAST
in space: 68NE Perim Spc (G.NE2)							
68ESE Wall (G.ESE3.E11)	0.502	22.56	0.062	10.34	0.364	32.90	EAST
in space: 68ESE Perim Spc (G.ESE3)							
11MCESE Wall (G.NNE1.E3)	0.000	0.00	0.062	914.82	0.062	914.82	EAST
in space: 11MCNNE Perim Spc (G.NNE1)							
68ESE Wall (G.S6.E17)	0.000	0.00	0.062	278.60	0.062	278.60	EAST
in space: 68South Perim Spc (G.S6)							
68ESE Wall (G.ESE9.E19)	0.000	0.00	0.062	373.80	0.062	373.80	EAST
in space: 68ESE Perim Spc (G.ESE9)							
68ESE Wall (G.C10.E20)	0.000	0.00	0.062	93.80	0.062	93.80	EAST
in space: 68Core Spc (G.C10)							
68ESE Wall (G.11.E25)	0.000	0.00	0.062	126.10	0.062	126.10	EAST
in space: 68Plnm (G.11)							
68ESE Wall (G.11.E29)	0.000	0.00	0.062	4.70	0.062	4.70	EAST
in space: 68Plnm (G.11)							

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25ESE Wall (T.ESE42.E43)	0.000	0.00	0.062	1547.88	0.062	1547.88	EAST
in space: 25ESE Perim Spc (T.ESE42)							
68ESE Wall (G.11.E31)	0.000	0.00	0.062	27.50	0.062	27.50	EAST
in space: 68Plnm (G.11)							
27MCESE Wall (G.E6.E2)	0.000	0.00	0.062	694.80	0.062	694.80	EAST
in space: 27MCEast Perim Spc (G.E6)							
11MCESE Wall (G.WSW5.E11)	0.000	0.00	0.062	708.63	0.062	708.63	EAST
in space: 11MCWSW Perim Spc (G.WSW5)							
68DBESE Wall (G.WNW1.E3)	0.502	2059.20	0.062	85.80	0.484	2145.00	EAST
in space: 68DBWNW Perim Spc (G.WNW1)							
11MCESE Wall (G.SE6.E13)	0.000	0.00	0.062	1161.30	0.062	1161.30	EAST
in space: 11MCSE Perim Spc (G.SE6)							
27MCESE Wall (G.ESE10.E9)	0.000	0.00	0.062	601.20	0.062	601.20	EAST
in space: 27MCESE Perim Spc (G.ESE10)							
27MCESE Wall (G.S13.E13)	0.000	0.00	0.062	280.80	0.062	280.80	EAST
in space: 27MCSouth Perim Spc (G.S13)							
68DBESE Wall (G.2.E9)	0.000	0.00	0.062	143.00	0.062	143.00	EAST
in space: 68DBPlnm (G.2)							
11DBESE Wall (G.WNW1.E3)	0.000	0.00	0.062	4529.80	0.062	4529.80	EAST
in space: 11DBWNW Perim Spc (G.WNW1)							
GESE Wall (G.SSW12.E18)	0.000	0.00	0.062	123.75	0.062	123.75	EAST
in space: GSSW Perim Spc (G.SSW12)							
GESE Wall (G.NNE15.E20)	0.000	0.00	0.062	155.25	0.062	155.25	EAST
in space: GNNE Perim Spc (G.NNE15)							
28ESE Wall (G.E7.E5)	0.502	273.29	0.062	267.11	0.285	540.40	EAST
in space: 28East Perim Spc (G.E7)							
28ESE Wall (G.ESE8.E6)	0.502	236.47	0.062	231.13	0.285	467.60	EAST
in space: 28ESE Perim Spc (G.ESE8)							
69ESE Wall (G.NE2.E5)	0.502	131.99	0.062	60.51	0.364	192.50	EAST
in space: 69NE Perim Spc (G.NE2)							
28ESE Wall (G.S9.E7)	0.502	110.45	0.062	107.95	0.285	218.40	EAST
in space: 28South Perim Spc (G.S9)							
69ESE Wall (G.NE2.E7)	0.000	0.00	0.062	136.50	0.062	136.50	EAST
in space: 69NE Perim Spc (G.NE2)							
69ESE Wall (G.ESE3.E11)	0.502	22.56	0.062	10.34	0.364	32.90	EAST
in space: 69ESE Perim Spc (G.ESE3)							
28ESE Wall (G.13.E15)	0.000	0.00	0.062	175.20	0.062	175.20	EAST
in space: 28Plnm (G.13)							
69ESE Wall (G.S6.E17)	0.000	0.00	0.062	278.60	0.062	278.60	EAST
in space: 69South Perim Spc (G.S6)							
69ESE Wall (G.ESE9.E19)	0.000	0.00	0.062	373.80	0.062	373.80	EAST
in space: 69ESE Perim Spc (G.ESE9)							
69ESE Wall (G.C10.E20)	0.000	0.00	0.062	93.80	0.062	93.80	EAST
in space: 69Core Spc (G.C10)							
69ESE Wall (G.11.E25)	0.000	0.00	0.062	126.10	0.062	126.10	EAST
in space: 69Plnm (G.11)							
69ESE Wall (G.11.E29)	0.000	0.00	0.062	4.70	0.062	4.70	EAST
in space: 69Plnm (G.11)							
25ESE Wall (M.ESE26.E28)	0.000	0.00	0.062	3095.75	0.062	3095.75	EAST
in space: 25ESE Perim Spc (M.ESE26)							
69ESE Wall (G.11.E31)	0.000	0.00	0.062	27.50	0.062	27.50	EAST
in space: 69Plnm (G.11)							
GESE Wall (G.ESE10.E14)	0.000	0.00	0.062	336.00	0.062	336.00	EAST
in space: GESE Perim Spc (G.ESE10)							
1519ESE Wall (G.E8.E7)	0.502	852.65	0.062	305.35	0.386	1158.00	EAST
in space: 1519East Perim Spc (G.E8)							
1519ESE Wall (G.ESE9.E8)	0.502	737.79	0.062	264.21	0.386	1002.00	EAST
in space: 1519ESE Perim Spc (G.ESE9)							

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2936ESE Wall (M.E20.E21)	0.502	2186.30	0.062	839.94	0.380	3026.24	EAST
in space: 2936East Perim Spc (M.E20)							
70ESE Wall (G.S4.E9)	0.502	156.41	0.062	72.01	0.363	228.42	EAST
in space: 70South Perim Spc (G.S4)							
70ESE Wall (G.NE5.E11)	0.502	101.69	0.062	46.81	0.363	148.50	EAST
in space: 70NE Perim Spc (G.NE5)							
2936ESE Wall (M.ESE21.E22)	0.502	1891.78	0.062	726.78	0.380	2618.56	EAST
in space: 2936ESE Perim Spc (M.ESE21)							
2936ESE Wall (M.S22.E23)	0.502	883.58	0.062	339.46	0.380	1223.04	EAST
in space: 2936South Perim Spc (M.S22)							
70ESE Wall (G.ENE6.E14)	0.502	158.26	0.062	72.86	0.363	231.12	EAST
in space: 70ENE Perim Spc (G.ENE6)							
70ESE Wall (G.SE7.E16)	0.502	231.48	0.062	106.56	0.363	338.04	EAST
in space: 70SE Perim Spc (G.SE7)							
70ESE Wall (G.12.E21)	0.000	0.00	0.062	42.30	0.062	42.30	EAST
in space: 70Plnm (G.12)							
70ESE Wall (G.12.E23)	0.000	0.00	0.062	105.40	0.062	105.40	EAST
in space: 70Plnm (G.12)							
2936ESE Wall (M.26.E31)	0.000	0.00	0.062	1401.60	0.062	1401.60	EAST
in space: 2936Plnm (M.26)							
70ESE Wall (G.12.E25)	0.000	0.00	0.062	27.50	0.062	27.50	EAST
in space: 70Plnm (G.12)							
1519ESE Wall (G.S10.E10)	0.542	351.62	0.062	116.38	0.423	468.00	EAST
in space: 1519South Perim Spc (G.S10)							
1519ESE Wall (G.SSE11.E11)	0.502	660.47	0.062	236.53	0.386	897.00	EAST
in space: 1519SSE Perim Spc (G.SSE11)							
1519ESE Wall (G.14.E20)	0.000	0.00	0.062	161.46	0.062	161.46	EAST
in space: 1519Plnm (G.14)							
1519ESE Wall (G.14.E22)	0.000	0.00	0.062	473.04	0.062	473.04	EAST
in space: 1519Plnm (G.14)							
7179ESE Wall (M.S16.E37)	0.502	1407.73	0.062	648.05	0.363	2055.78	EAST
in space: 7179South Perim Spc (M.S16)							
7179ESE Wall (M.NE17.E39)	0.502	915.19	0.062	421.31	0.363	1336.50	EAST
in space: 7179NE Perim Spc (M.NE17)							
3744ESE Wall (M.E20.E21)	0.502	2186.30	0.062	839.94	0.380	3026.24	EAST
in space: 3744East Perim Spc (M.E20)							
3744ESE Wall (M.ESE21.E22)	0.502	1891.78	0.062	726.78	0.380	2618.56	EAST
in space: 3744ESE Perim Spc (M.ESE21)							
7179ESE Wall (M.ENE18.E42)	0.502	1424.37	0.062	655.71	0.363	2080.08	EAST
in space: 7179ENE Perim Spc (M.ENE18)							
7179ESE Wall (M.SE19.E44)	0.502	2083.31	0.062	959.05	0.363	3042.36	EAST
in space: 7179SE Perim Spc (M.SE19)							
7179ESE Wall (M.24.E49)	0.000	0.00	0.062	380.70	0.062	380.70	EAST
in space: 7179Plnm (M.24)							
7179ESE Wall (M.24.E51)	0.000	0.00	0.062	948.60	0.062	948.60	EAST
in space: 7179Plnm (M.24)							
3744ESE Wall (M.S22.E23)	0.502	883.58	0.062	339.46	0.380	1223.04	EAST
in space: 3744South Perim Spc (M.S22)							
7179ESE Wall (M.24.E53)	0.000	0.00	0.062	247.50	0.062	247.50	EAST
in space: 7179Plnm (M.24)							
3744ESE Wall (M.26.E31)	0.000	0.00	0.062	1401.60	0.062	1401.60	EAST
in space: 3744Plnm (M.26)							
8AESE Wall (G.ESE12.E16)	0.000	0.00	0.062	1683.60	0.062	1683.60	EAST
in space: 8AESE Perim Spc (G.ESE12)							
25ESE Wall (G.ESE10.E13)	0.000	0.00	0.062	1547.88	0.062	1547.88	EAST
in space: 25ESE Perim Spc (G.ESE10)							
8MCESE Wall (G.NNE1.E2)	0.000	0.00	0.062	473.00	0.062	473.00	EAST
in space: 8MANNE Perim Spc (G.NNE1)							

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8087ESE Wall (M.S16.E37)	0.502	1251.32	0.062	576.04	0.363	1827.36	EAST
in space: 8087South Perim Spc (M.S16)							
8087ESE Wall (M.NE17.E39)	0.502	813.50	0.062	374.50	0.363	1188.00	EAST
in space: 8087NE Perim Spc (M.NE17)							
GESE Wall (G.18.E26)	0.000	0.00	0.062	16.50	0.062	16.50	EAST
in space: GPlnm (G.18)							
45ESE Wall (T.E33.E37)	0.502	273.29	0.062	267.11	0.285	540.40	EAST
in space: 45East Perim Spc (T.E33)							
8087ESE Wall (M.ENE18.E42)	0.502	1266.11	0.062	582.85	0.363	1848.96	EAST
in space: 8087ENE Perim Spc (M.ENE18)							
8087ESE Wall (M.SE19.E44)	0.502	1851.83	0.062	852.49	0.363	2704.32	EAST
in space: 8087SE Perim Spc (M.SE19)							
8087ESE Wall (M.24.E49)	0.000	0.00	0.062	338.40	0.062	338.40	EAST
in space: 8087Plnm (M.24)							
8087ESE Wall (M.24.E51)	0.000	0.00	0.062	843.20	0.062	843.20	EAST
in space: 8087Plnm (M.24)							
45ESE Wall (T.ESE34.E38)	0.502	236.47	0.062	231.13	0.285	467.60	EAST
in space: 45ESE Perim Spc (T.ESE34)							
8087ESE Wall (M.24.E53)	0.000	0.00	0.062	220.00	0.062	220.00	EAST
in space: 8087Plnm (M.24)							
45ESE Wall (T.S35.E39)	0.502	110.45	0.062	107.95	0.285	218.40	EAST
in space: 45South Perim Spc (T.S35)							
45ESE Wall (T.39.E47)	0.000	0.00	0.062	175.20	0.062	175.20	EAST
in space: 45Plnm (T.39)							
1519ESE Wall (M.E22.E30)	0.502	1421.08	0.062	508.92	0.386	1930.00	EAST
in space: 1519East Perim Spc (M.E22)							
1519ESE Wall (M.ESE23.E31)	0.502	1229.64	0.062	440.36	0.386	1670.00	EAST
in space: 1519ESE Perim Spc (M.ESE23)							
88ESE Wall (T.S28.E65)	0.502	156.41	0.062	139.69	0.294	296.10	EAST
in space: 88South Perim Spc (T.S28)							
88ESE Wall (T.NE29.E67)	0.502	101.69	0.062	90.81	0.294	192.50	EAST
in space: 88NE Perim Spc (T.NE29)							
1519ESE Wall (M.S24.E33)	0.502	574.32	0.062	205.68	0.386	780.00	EAST
in space: 1519South Perim Spc (M.S24)							
1519ESE Wall (M.SSE25.E34)	0.502	1100.79	0.062	394.21	0.386	1495.00	EAST
in space: 1519SSE Perim Spc (M.SSE25)							
88ESE Wall (T.ENE30.E70)	0.502	158.26	0.062	141.34	0.294	299.60	EAST
in space: 88ENE Perim Spc (T.ENE30)							
88ESE Wall (T.SE31.E72)	0.502	240.38	0.062	197.82	0.303	438.20	EAST
in space: 88SE Perim Spc (T.SE31)							
88ESE Wall (T.36.E77)	0.000	0.00	0.062	42.30	0.062	42.30	EAST
in space: 88Plnm (T.36)							
88ESE Wall (T.36.E79)	0.000	0.00	0.062	105.40	0.062	105.40	EAST
in space: 88Plnm (T.36)							
46MCESE Wall (T.E33.E37)	0.000	0.00	0.062	694.80	0.062	694.80	EAST
in space: 46MCEast Perim Spc (T.E33)							
88ESE Wall (T.36.E81)	0.000	0.00	0.062	27.50	0.062	27.50	EAST
in space: 88Plnm (T.36)							
46MCESE Wall (T.ESE34.E38)	0.000	0.00	0.062	601.20	0.062	601.20	EAST
in space: 46MCESE Perim Spc (T.ESE34)							
46MCESE Wall (T.S35.E39)	0.000	0.00	0.062	280.80	0.062	280.80	EAST
in space: 46MCSouth Perim Spc (T.S35)							
46MCESE Wall (T.39.E47)	0.000	0.00	0.062	175.20	0.062	175.20	EAST
in space: 46MCPlnm (T.39)							
1519ESE Wall (M.28.E43)	0.000	0.00	0.062	269.10	0.062	269.10	EAST
in space: 1519Plnm (M.28)							
89ESE Wall (G.NE2.E5)	0.000	0.00	0.062	385.00	0.062	385.00	EAST
in space: 89NE Perim Spc (G.NE2)							

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1519ESE Wall (M.28.E45)	0.000	0.00	0.062	788.40	0.062	788.40	EAST
in space: 1519Plnm (M.28)							
89ESE Wall (G.ESE3.E7)	0.000	0.00	0.062	539.00	0.062	539.00	EAST
in space: 89ESE Perim Spc (G.ESE3)							
89ESE Wall (G.S6.E12)	0.502	406.05	0.062	186.15	0.364	592.20	EAST
in space: 89South Perim Spc (G.S6)							
8MCESE Wall (G.SSW2.E5)	0.000	0.00	0.062	947.00	0.062	947.00	EAST
in space: 8MASSW Perim Spc (G.SSW2)							
89ESE Wall (G.ESE9.E15)	0.000	0.00	0.062	747.60	0.062	747.60	EAST
in space: 89ESE Perim Spc (G.ESE9)							
89ESE Wall (G.C10.E16)	0.000	0.00	0.062	189.00	0.062	189.00	EAST
in space: 89Core Spc (G.C10)							
89ESE Wall (G.11.E21)	0.000	0.00	0.062	84.60	0.062	84.60	EAST
in space: 89Plnm (G.11)							
47ESE Wall (G.SSE5.E10)	0.502	147.17	0.062	67.75	0.363	214.92	EAST
in space: 47SSE Perim Spc (G.SSE5)							
89ESE Wall (G.11.E23)	0.000	0.00	0.062	210.80	0.062	210.80	EAST
in space: 89Plnm (G.11)							
89ESE Wall (G.11.E24)	0.000	0.00	0.062	55.00	0.062	55.00	EAST
in space: 89Plnm (G.11)							
47ESE Wall (G.ESE6.E12)	0.502	247.01	0.062	113.71	0.363	360.72	EAST
in space: 47ESE Perim Spc (G.ESE6)							
47ESE Wall (G.ENE7.E13)	0.502	71.37	0.062	39.25	0.346	110.62	EAST
in space: 47ENE Perim Spc (G.ENE7)							
89DBESE Wall (G.WNW1.E3)	0.513	3149.99	0.062	170.11	0.490	3320.10	EAST
in space: 89DBWNW Perim Spc (G.WNW1)							
47ESE Wall (G.ENE7.E14)	0.502	95.81	0.062	33.12	0.389	128.94	EAST
in space: 47ENE Perim Spc (G.ENE7)							
89DBESE Wall (G.2.E7)	0.000	0.00	0.062	210.80	0.062	210.80	EAST
in space: 89DBPlnm (G.2)							
6MCESE Wall (G.ESE5.E9)	0.000	0.00	0.062	6118.20	0.062	6118.20	EAST
in space: 6MCESE Perim Spc (G.ESE5)							
47ESE Wall (G.NE8.E16)	0.502	80.61	0.062	37.11	0.363	117.72	EAST
in space: 47NE Perim Spc (G.NE8)							
10AESE Wall (G.ESE4.E4)	0.000	0.00	0.062	216.30	0.062	216.30	EAST
in space: 10AESE Perim Spc (G.ESE4)							
90ESE Wall (G.NE2.E5)	0.000	0.00	0.062	385.00	0.062	385.00	EAST
in space: 90NE Perim Spc (G.NE2)							
47ESE Wall (G.13.E22)	0.000	0.00	0.062	153.40	0.062	153.40	EAST
in space: 47Plnm (G.13)							
90ESE Wall (G.ESE3.E7)	0.000	0.00	0.062	539.00	0.062	539.00	EAST
in space: 90ESE Perim Spc (G.ESE3)							
90ESE Wall (G.S6.E12)	0.502	406.05	0.062	186.15	0.364	592.20	EAST
in space: 90South Perim Spc (G.S6)							
10AESE Wall (G.ESE6.E5)	0.000	0.00	0.062	251.30	0.062	251.30	EAST
in space: 10AESE Perim Spc (G.ESE6)							
90ESE Wall (G.ESE9.E15)	0.000	0.00	0.062	747.60	0.062	747.60	EAST
in space: 90ESE Perim Spc (G.ESE9)							
90ESE Wall (G.C10.E16)	0.000	0.00	0.062	189.00	0.062	189.00	EAST
in space: 90Core Spc (G.C10)							
90ESE Wall (G.11.E21)	0.000	0.00	0.062	84.60	0.062	84.60	EAST
in space: 90Plnm (G.11)							
47ESE Wall (G.13.E24)	0.000	0.00	0.062	21.80	0.062	21.80	EAST
in space: 47Plnm (G.13)							
90ESE Wall (G.11.E23)	0.000	0.00	0.062	210.80	0.062	210.80	EAST
in space: 90Plnm (G.11)							
90ESE Wall (G.11.E24)	0.000	0.00	0.062	55.00	0.062	55.00	EAST
in space: 90Plnm (G.11)							

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1519ESE Wall (T.E36.E53)	0.502	284.22	0.062	256.18	0.293	540.40	EAST
in space: 1519East Perim Spc (T.E36)							
1519ESE Wall (T.ESE37.E54)	0.502	245.93	0.062	221.67	0.293	467.60	EAST
in space: 1519ESE Perim Spc (T.ESE37)							
1519ESE Wall (T.S38.E56)	0.502	114.86	0.062	103.54	0.293	218.40	EAST
in space: 1519South Perim Spc (T.S38)							
1519ESE Wall (T.SSE39.E57)	0.502	220.16	0.062	198.44	0.293	418.60	EAST
in space: 1519SSE Perim Spc (T.SSE39)							
91ESE Wall (G.NE2.E5)	0.535	168.00	0.062	24.50	0.475	192.50	EAST
in space: 91NE Perim Spc (G.NE2)							
4856ESE Wall (M.SSE18.E37)	0.502	1324.53	0.062	609.75	0.363	1934.28	EAST
in space: 4856SSE Perim Spc (M.SSE18)							
91ESE Wall (G.S6.E11)	0.502	203.03	0.062	93.07	0.364	296.10	EAST
in space: 91South Perim Spc (G.S6)							
91ESE Wall (G.ESE11.E14)	0.000	0.00	0.062	737.80	0.062	737.80	EAST
in space: 91ESE Perim Spc (G.ESE11)							
4856ESE Wall (M.ESE19.E39)	0.502	2223.08	0.062	1023.40	0.363	3246.48	EAST
in space: 4856ESE Perim Spc (M.ESE19)							
91ESE Wall (G.12.E20)	0.000	0.00	0.062	42.30	0.062	42.30	EAST
in space: 91Plnm (G.12)							
91ESE Wall (G.12.E22)	0.000	0.00	0.062	105.40	0.062	105.40	EAST
in space: 91Plnm (G.12)							
4856ESE Wall (M.ENE20.E40)	0.502	1557.49	0.062	716.99	0.363	2274.48	EAST
in space: 4856ENE Perim Spc (M.ENE20)							
91ESE Wall (G.12.E24)	0.000	0.00	0.062	27.50	0.062	27.50	EAST
in space: 91Plnm (G.12)							
1519ESE Wall (T.42.E66)	0.000	0.00	0.062	53.82	0.062	53.82	EAST
in space: 1519Plnm (T.42)							
4856ESE Wall (M.NE21.E42)	0.502	725.50	0.062	333.98	0.363	1059.48	EAST
in space: 4856NE Perim Spc (M.NE21)							
1519ESE Wall (T.42.E68)	0.000	0.00	0.062	157.68	0.062	157.68	EAST
in space: 1519Plnm (T.42)							
4856ESE Wall (M.26.E48)	0.000	0.00	0.062	1380.60	0.062	1380.60	EAST
in space: 4856Plnm (M.26)							
92ESE Wall (G.NE2.E5)	0.535	168.00	0.062	24.50	0.475	192.50	EAST
in space: 92NE Perim Spc (G.NE2)							
10AESE Wall (G.SSW7.E7)	0.000	0.00	0.062	613.90	0.062	613.90	EAST
in space: 10ASSW Perim Spc (G.SSW7)							
92ESE Wall (G.S6.E11)	0.000	0.00	0.062	296.10	0.062	296.10	EAST
in space: 92South Perim Spc (G.S6)							
92ESE Wall (G.ESE11.E14)	0.000	0.00	0.062	737.80	0.062	737.80	EAST
in space: 92ESE Perim Spc (G.ESE11)							
4856ESE Wall (M.26.E50)	0.000	0.00	0.062	196.20	0.062	196.20	EAST
in space: 4856Plnm (M.26)							
92ESE Wall (G.12.E20)	0.000	0.00	0.062	42.30	0.062	42.30	EAST
in space: 92Plnm (G.12)							
92ESE Wall (G.12.E22)	0.000	0.00	0.062	105.40	0.062	105.40	EAST
in space: 92Plnm (G.12)							
6MCESE Wall (G.11.E13)	0.000	0.00	0.062	339.90	0.062	339.90	EAST
in space: 6MCPlnm (G.11)							
92ESE Wall (G.12.E24)	0.000	0.00	0.062	27.50	0.062	27.50	EAST
in space: 92Plnm (G.12)							
2026ESE Wall (G.E6.E2)	0.502	284.22	0.062	256.18	0.293	540.40	EAST
in space: 2026East Perim Spc (G.E6)							
GESE Wall (G.18.E28)	0.000	0.00	0.062	353.50	0.062	353.50	EAST
in space: GPlnm (G.18)							
10AESE Wall (G.ENE9.E14)	0.000	0.00	0.062	563.50	0.062	563.50	EAST
in space: 10AENE Perim Spc (G.ENE9)							

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5765ESE Wall (M.SSE18.E37)	0.502	1324.53	0.062	609.75	0.363	1934.28	EAST
in space: 5765SSE Perim Spc (M.SSE18)							
69SSE Wall (G.11.E27)	0.000	0.00	0.062	24.40	0.062	24.40	SOUTH-EAST
in space: 69Plnm (G.11)							
68SSE Wall (G.11.E27)	0.000	0.00	0.062	24.40	0.062	24.40	SOUTH-EAST
in space: 68Plnm (G.11)							
68SSE Wall (G.ESE3.E9)	0.000	0.00	0.062	170.80	0.062	170.80	SOUTH-EAST
in space: 68ESE Perim Spc (G.ESE3)							
69SSE Wall (G.ESE3.E9)	0.000	0.00	0.062	170.80	0.062	170.80	SOUTH-EAST
in space: 69ESE Perim Spc (G.ESE3)							
Exterior Wall 883	0.000	0.00	0.062	2988.00	0.062	2988.00	SOUTH
in space: 93MERSpace							
25SSW Wall (T.SSW35.E35)	0.000	0.00	0.062	428.75	0.062	428.75	SOUTH
in space: 25SSW Perim Spc (T.SSW35)							
68SSW Wall (G.11.E22)	0.000	0.00	0.062	18.00	0.062	18.00	SOUTH
in space: 68Plnm (G.11)							
68SSW Wall (G.11.E24)	0.000	0.00	0.062	126.90	0.062	126.90	SOUTH
in space: 68Plnm (G.11)							
1519SSW Wall (M.WNW20.E25)	0.502	890.48	0.062	722.02	0.305	1612.50	SOUTH
in space: 1519WNW Perim Spc (M.WNW20)							
68SSW Wall (G.11.E26)	0.000	0.00	0.062	30.40	0.062	30.40	SOUTH
in space: 68Plnm (G.11)							
8ASSW Wall (G.ESE12.E18)	0.000	0.00	0.062	121.20	0.062	121.20	SOUTH
in space: 8AESE Perim Spc (G.ESE12)							
68SSW Wall (G.11.E28)	0.000	0.00	0.062	7.00	0.062	7.00	SOUTH
in space: 68Plnm (G.11)							
25SSW Wall (T.W36.E37)	0.000	0.00	0.062	266.00	0.062	266.00	SOUTH
in space: 25West Perim Spc (T.W36)							
1519SSW Wall (M.NNE21.E28)	0.502	785.56	0.062	636.94	0.305	1422.50	SOUTH
in space: 1519NNE Perim Spc (M.NNE21)							
25SSW Wall (T.SSW37.E38)	0.502	2392.34	0.062	125.91	0.480	2518.25	SOUTH
in space: 25SSW Perim Spc (T.SSW37)							
8MCSSW Wall (G.SSW2.E4)	0.502	600.00	0.062	843.00	0.245	1443.00	SOUTH
in space: 8MASSW Perim Spc (G.SSW2)							
2936SSW Wall (M.S22.E24)	0.535	1607.20	0.062	395.92	0.441	2003.12	SOUTH
in space: 2936South Perim Spc (M.S22)							
68DBSSW Wall (G.WNW1.E2)	0.518	700.00	0.062	125.00	0.449	825.00	SOUTH
in space: 68DBWNW Perim Spc (G.WNW1)							
2936SSW Wall (M.SSW23.E25)	0.502	1582.38	0.062	1338.02	0.300	2920.40	SOUTH
in space: 2936SSW Perim Spc (M.SSW23)							
2936SSW Wall (M.SW24.E26)	0.534	1724.80	0.062	1187.76	0.342	2912.56	SOUTH
in space: 2936SW Perim Spc (M.SW24)							
2936SSW Wall (M.26.E30)	0.000	0.00	0.062	1599.20	0.062	1599.20	SOUTH
in space: 2936Plnm (M.26)							
Exterior Wall 891	0.502	625.00	0.062	275.00	0.367	900.00	SOUTH
in space: 25SSW Perim Spc (T.SSW37)							
68DBSSW Wall (G.2.E8)	0.000	0.00	0.062	55.00	0.062	55.00	SOUTH
in space: 68DBPlnm (G.2)							
1519SSW Wall (M.S24.E32)	0.531	1327.07	0.062	62.93	0.510	1390.00	SOUTH
in space: 1519South Perim Spc (M.S24)							
25SSW Wall (T.SSW40.E41)	0.397	93.50	0.062	1157.75	0.087	1251.25	SOUTH
in space: 25SSW Perim Spc (T.SSW40)							
10ASSW Wall (G.SSW2.E2)	0.000	0.00	0.062	409.50	0.062	409.50	SOUTH
in space: 10ASSW Perim Spc (G.SSW2)							
1519SSW Wall (M.SSE25.E35)	0.502	1166.59	0.062	945.91	0.305	2112.50	SOUTH
in space: 1519SSE Perim Spc (M.SSE25)							
1519SSW Wall (M.W26.E36)	0.502	825.59	0.062	669.41	0.305	1495.00	SOUTH
in space: 1519West Perim Spc (M.W26)							

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1519SSW Wall (M.28.E40)	0.000	0.00	0.062	546.30	0.062	546.30	SOUTH
in space: 1519Plnm (M.28)							
1519SSW Wall (M.28.E42)	0.000	0.00	0.062	649.35	0.062	649.35	SOUTH
in space: 1519Plnm (M.28)							
3744SSW Wall (M.S22.E24)	0.535	1607.20	0.062	395.92	0.441	2003.12	SOUTH
in space: 3744South Perim Spc (M.S22)							
3744SSW Wall (M.SSW23.E25)	0.502	1582.38	0.062	1338.02	0.300	2920.40	SOUTH
in space: 3744SSW Perim Spc (M.SSW23)							
69SSW Wall (G.ESE3.E8)	0.000	0.00	0.062	212.80	0.062	212.80	SOUTH
in space: 69ESE Perim Spc (G.ESE3)							
3744SSW Wall (M.SW24.E26)	0.534	1724.80	0.062	1187.76	0.342	2912.56	SOUTH
in space: 3744SW Perim Spc (M.SW24)							
69SSW Wall (G.ESE3.E10)	0.000	0.00	0.062	49.00	0.062	49.00	SOUTH
in space: 69ESE Perim Spc (G.ESE3)							
3744SSW Wall (M.26.E30)	0.000	0.00	0.062	1599.20	0.062	1599.20	SOUTH
in space: 3744Plnm (M.26)							
25SSW Wall (G.SSW8.E11)	0.397	93.50	0.062	1157.75	0.087	1251.25	SOUTH
in space: 25SSW Perim Spc (G.SSW8)							
69SSW Wall (G.W4.E13)	0.000	0.00	0.062	126.00	0.062	126.00	SOUTH
in space: 69West Perim Spc (G.W4)							
69SSW Wall (G.SW5.E16)	0.502	188.63	0.062	178.17	0.288	366.80	SOUTH
in space: 69SW Perim Spc (G.SW5)							
1519SSW Wall (M.28.E44)	0.000	0.00	0.062	250.20	0.062	250.20	SOUTH
in space: 1519Plnm (M.28)							
69SSW Wall (G.S6.E18)	0.502	268.18	0.062	253.32	0.288	521.50	SOUTH
in space: 69South Perim Spc (G.S6)							
GSSW Wall (G.18.E23)	0.000	0.00	0.062	222.40	0.062	222.40	SOUTH
in space: GPlnm (G.18)							
10ASSW Wall (G.SSW7.E6)	0.502	505.01	0.062	505.09	0.282	1010.10	SOUTH
in space: 10ASSW Perim Spc (G.SSW7)							
69SSW Wall (G.11.E22)	0.000	0.00	0.062	18.00	0.062	18.00	SOUTH
in space: 69Plnm (G.11)							
69SSW Wall (G.11.E24)	0.000	0.00	0.062	126.90	0.062	126.90	SOUTH
in space: 69Plnm (G.11)							
1519SSW Wall (T.WNW34.E48)	0.502	178.10	0.062	273.40	0.236	451.50	SOUTH
in space: 1519WNW Perim Spc (T.WNW34)							
69SSW Wall (G.11.E26)	0.000	0.00	0.062	30.40	0.062	30.40	SOUTH
in space: 69Plnm (G.11)							
GSSW Wall (G.18.E25)	0.000	0.00	0.062	212.80	0.062	212.80	SOUTH
in space: GPlnm (G.18)							
69SSW Wall (G.11.E28)	0.000	0.00	0.062	7.00	0.062	7.00	SOUTH
in space: 69Plnm (G.11)							
10ASSW Wall (G.N8.E10)	0.000	0.00	0.062	440.30	0.062	440.30	SOUTH
in space: 10ANorth Perim Spc (G.N8)							
1519SSW Wall (T.NNE35.E51)	0.502	157.11	0.062	241.19	0.236	398.30	SOUTH
in space: 1519NNE Perim Spc (T.NNE35)							
45SSW Wall (T.S35.E40)	0.535	200.90	0.062	156.80	0.328	357.70	SOUTH
in space: 45South Perim Spc (T.S35)							
45SSW Wall (T.SSW36.E41)	0.502	197.80	0.062	323.70	0.229	521.50	SOUTH
in space: 45SSW Perim Spc (T.SSW36)							
45SSW Wall (T.SW37.E42)	0.534	215.60	0.062	304.50	0.258	520.10	SOUTH
in space: 45SW Perim Spc (T.SW37)							
45SSW Wall (T.39.E46)	0.000	0.00	0.062	199.90	0.062	199.90	SOUTH
in space: 45Plnm (T.39)							
GSSW Wall (G.SSW4.E6)	0.000	0.00	0.062	367.50	0.062	367.50	SOUTH
in space: GSSW Perim Spc (G.SSW4)							
70SSW Wall (G.W2.E5)	0.000	0.00	0.062	97.20	0.062	97.20	SOUTH
in space: 70West Perim Spc (G.W2)							

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70SSW Wall (G.SW3.E8)	0.502	145.32	0.062	137.64	0.288	282.96	SOUTH
in space: 70SW Perim Spc (G.SW3)							
GSSW Wall (G.18.E27)	0.000	0.00	0.062	40.10	0.062	40.10	SOUTH
in space: GPlnm (G.18)							
70SSW Wall (G.S4.E10)	0.502	294.11	0.062	217.81	0.315	511.92	SOUTH
in space: 70South Perim Spc (G.S4)							
1MSSW Wall (G.SW4.E8)	0.000	0.00	0.062	306.80	0.062	306.80	SOUTH
in space: 1MSW Perim Spc (G.SW4)							
1519SSW Wall (T.S38.E55)	0.531	265.41	0.062	123.79	0.382	389.20	SOUTH
in space: 1519South Perim Spc (T.S38)							
10ASSW Wall (G.10.E16)	0.000	0.00	0.062	2529.37	0.062	2529.37	SOUTH
in space: 10APlnm (G.10)							
10ASSW Wall (G.10.E18)	0.000	0.00	0.062	3006.49	0.062	3006.49	SOUTH
in space: 10APlnm (G.10)							
70SSW Wall (G.SE7.E15)	0.535	180.48	0.062	6.90	0.518	187.38	SOUTH
in space: 70SE Perim Spc (G.SE7)							
1519SSW Wall (T.SSE39.E58)	0.502	233.32	0.062	358.18	0.236	591.50	SOUTH
in space: 1519SSE Perim Spc (T.SSE39)							
70SSW Wall (G.12.E18)	0.000	0.00	0.062	18.00	0.062	18.00	SOUTH
in space: 70Plnm (G.12)							
70SSW Wall (G.12.E20)	0.000	0.00	0.062	147.20	0.062	147.20	SOUTH
in space: 70Plnm (G.12)							
1519SSW Wall (T.W40.E59)	0.502	165.12	0.062	253.48	0.236	418.60	SOUTH
in space: 1519West Perim Spc (T.W40)							
70SSW Wall (G.12.E22)	0.000	0.00	0.062	34.70	0.062	34.70	SOUTH
in space: 70Plnm (G.12)							
46MCSSW Wall (T.S35.E40)	0.000	0.00	0.062	459.90	0.062	459.90	SOUTH
in space: 46MCSouth Perim Spc (T.S35)							
46MCSSW Wall (T.SSW36.E41)	0.000	0.00	0.062	670.50	0.062	670.50	SOUTH
in space: 46MCSSW Perim Spc (T.SSW36)							
46MCSSW Wall (T.SW37.E42)	0.000	0.00	0.062	668.70	0.062	668.70	SOUTH
in space: 46MCSW Perim Spc (T.SW37)							
46MCSSW Wall (T.39.E46)	0.000	0.00	0.062	199.90	0.062	199.90	SOUTH
in space: 46MCPlnm (T.39)							
1519SSW Wall (T.42.E63)	0.000	0.00	0.062	109.26	0.062	109.26	SOUTH
in space: 1519Plnm (T.42)							
1519SSW Wall (T.42.E65)	0.000	0.00	0.062	129.87	0.062	129.87	SOUTH
in space: 1519Plnm (T.42)							
1MSSW Wall (G.SSW5.E9)	0.000	0.00	0.062	1151.20	0.062	1151.20	SOUTH
in space: 1MSSW Perim Spc (G.SSW5)							
7179SSW Wall (M.W14.E33)	0.000	0.00	0.062	874.80	0.062	874.80	SOUTH
in space: 7179West Perim Spc (M.W14)							
7179SSW Wall (M.SW15.E36)	0.502	1307.89	0.062	1238.75	0.288	2546.64	SOUTH
in space: 7179SW Perim Spc (M.SW15)							
1519SSW Wall (T.42.E67)	0.000	0.00	0.062	50.04	0.062	50.04	SOUTH
in space: 1519Plnm (T.42)							
7179SSW Wall (M.S16.E38)	0.502	2646.98	0.062	1960.30	0.315	4607.28	SOUTH
in space: 7179South Perim Spc (M.S16)							
47SSW Wall (G.W2.E5)	0.000	0.00	0.062	97.20	0.062	97.20	SOUTH
in space: 47West Perim Spc (G.W2)							
47SSW Wall (G.SW3.E8)	0.535	180.48	0.062	123.54	0.343	304.02	SOUTH
in space: 47SW Perim Spc (G.SW3)							
47SSW Wall (G.SSW4.E9)	0.502	206.61	0.062	195.69	0.288	402.30	SOUTH
in space: 47SSW Perim Spc (G.SSW4)							
GSSW Wall (G.SSW12.E17)	0.502	1434.99	0.062	161.01	0.457	1596.00	SOUTH
in space: GSSW Perim Spc (G.SSW12)							
7179SSW Wall (M.SE19.E43)	0.535	1624.33	0.062	62.09	0.518	1686.42	SOUTH
in space: 7179SE Perim Spc (M.SE19)							

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47SSW Wall (G.SSE5.E11)	0.533	212.33	0.062	63.61	0.425	275.94	SOUTH
in space: 47SSE Perim Spc (G.SSE5)							
7179SSW Wall (M.24.E46)	0.000	0.00	0.062	162.00	0.062	162.00	SOUTH
in space: 7179Plnm (M.24)							
7179SSW Wall (M.24.E48)	0.000	0.00	0.062	1324.80	0.062	1324.80	SOUTH
in space: 7179Plnm (M.24)							
10MSSW Wall (G.SSW2.E2)	0.000	0.00	0.062	1706.15	0.062	1706.15	SOUTH
in space: 10MSSW Perim Spc (G.SSW2)							
7179SSW Wall (M.24.E50)	0.000	0.00	0.062	312.30	0.062	312.30	SOUTH
in space: 7179Plnm (M.24)							
25SSW Wall (M.SSW19.E20)	0.000	0.00	0.062	857.50	0.062	857.50	SOUTH
in space: 25SSW Perim Spc (M.SSW19)							
6MCSSW Wall (G.SSW6.E10)	0.000	0.00	0.062	5180.40	0.062	5180.40	SOUTH
in space: 6MCSSW Perim Spc (G.SSW6)							
2026SSW Wall (G.WNW7.E4)	0.535	181.76	0.062	269.74	0.253	451.50	SOUTH
in space: 2026WNW Perim Spc (G.WNW7)							
10MSSW Wall (G.SSW7.E6)	0.000	0.00	0.062	4208.51	0.062	4208.51	SOUTH
in space: 10MSSW Perim Spc (G.SSW7)							
6MCSSW Wall (G.11.E12)	0.000	0.00	0.062	287.80	0.062	287.80	SOUTH
in space: 6MCPlnm (G.11)							
47SSW Wall (G.13.E19)	0.000	0.00	0.062	18.00	0.062	18.00	SOUTH
in space: 47Plnm (G.13)							
47SSW Wall (G.13.E21)	0.000	0.00	0.062	181.90	0.062	181.90	SOUTH
in space: 47Plnm (G.13)							
8087SSW Wall (M.W14.E33)	0.000	0.00	0.062	777.60	0.062	777.60	SOUTH
in space: 8087West Perim Spc (M.W14)							
8087SSW Wall (M.SW15.E36)	0.502	1162.57	0.062	1101.11	0.288	2263.68	SOUTH
in space: 8087SW Perim Spc (M.SW15)							
2026SSW Wall (G.NNE8.E7)	0.502	157.11	0.062	241.19	0.236	398.30	SOUTH
in space: 2026NNE Perim Spc (G.NNE8)							
8087SSW Wall (M.S16.E38)	0.502	2352.87	0.062	1742.49	0.315	4095.36	SOUTH
in space: 8087South Perim Spc (M.S16)							
10MSSW Wall (G.N8.E10)	0.000	0.00	0.062	1834.48	0.062	1834.48	SOUTH
in space: 10MNorth Perim Spc (G.N8)							
2026SSW Wall (G.SW11.E10)	0.532	233.56	0.062	185.04	0.325	418.60	SOUTH
in space: 2026SW Perim Spc (G.SW11)							
2026SSW Wall (G.SSW12.E12)	0.502	245.74	0.062	377.26	0.236	623.00	SOUTH
in space: 2026SSW Perim Spc (G.SSW12)							
25SSW Wall (M.W20.E22)	0.000	0.00	0.062	532.00	0.062	532.00	SOUTH
in space: 25West Perim Spc (M.W20)							
8087SSW Wall (M.SE19.E43)	0.535	1443.85	0.062	55.19	0.518	1499.04	SOUTH
in space: 8087SE Perim Spc (M.SE19)							
2026SSW Wall (G.S13.E14)	0.533	222.95	0.062	134.75	0.355	357.70	SOUTH
in space: 2026South Perim Spc (G.S13)							
8087SSW Wall (M.24.E46)	0.000	0.00	0.062	144.00	0.062	144.00	SOUTH
in space: 8087Plnm (M.24)							
8087SSW Wall (M.24.E48)	0.000	0.00	0.062	1177.60	0.062	1177.60	SOUTH
in space: 8087Plnm (M.24)							
2026SSW Wall (G.14.E16)	0.000	0.00	0.062	109.26	0.062	109.26	SOUTH
in space: 2026Plnm (G.14)							
8087SSW Wall (M.24.E50)	0.000	0.00	0.062	277.60	0.062	277.60	SOUTH
in space: 8087Plnm (M.24)							
4856SSW Wall (M.W15.E32)	0.000	0.00	0.062	874.80	0.062	874.80	SOUTH
in space: 4856West Perim Spc (M.W15)							
4856SSW Wall (M.SW16.E35)	0.535	1624.33	0.062	1111.85	0.343	2736.18	SOUTH
in space: 4856SW Perim Spc (M.SW16)							
4856SSW Wall (M.SSW17.E36)	0.502	1859.51	0.062	1761.19	0.288	3620.70	SOUTH
in space: 4856SSW Perim Spc (M.SSW17)							

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2026SSW Wall (G.14.E18)	0.000	0.00	0.062	179.91	0.062	179.91	SOUTH
in space: 2026Plnm (G.14)							
4856SSW Wall (M.SSE18.E38)	0.533	1910.98	0.062	572.48	0.425	2483.46	SOUTH
in space: 4856SSE Perim Spc (M.SSE18)							
25SSW Wall (M.SSW21.E23)	0.502	4784.68	0.062	251.82	0.480	5036.50	SOUTH
in space: 25SSW Perim Spc (M.SSW21)							
Exterior Wall 889	0.502	1250.00	0.062	550.00	0.367	1800.00	SOUTH
in space: 25SSW Perim Spc (M.SSW21)							
88SSW Wall (T.W26.E61)	0.000	0.00	0.062	126.00	0.062	126.00	SOUTH
in space: 88West Perim Spc (T.W26)							
88SSW Wall (T.SW27.E64)	0.502	145.32	0.062	221.48	0.236	366.80	SOUTH
in space: 88SW Perim Spc (T.SW27)							
11MCSSW Wall (G.NNE1.E2)	0.000	0.00	0.062	1438.59	0.062	1438.59	SOUTH
in space: 11MCNNE Perim Spc (G.NNE1)							
88SSW Wall (T.S28.E66)	0.502	294.11	0.062	369.49	0.257	663.60	SOUTH
in space: 88South Perim Spc (T.S28)							
6MCSSW Wall (G.11.E18)	0.000	0.00	0.062	222.40	0.062	222.40	SOUTH
in space: 6MCPlnm (G.11)							
2026SSW Wall (M.WNW21.E24)	0.502	890.48	0.062	722.02	0.305	1612.50	SOUTH
in space: 2026WNW Perim Spc (M.WNW21)							
4856SSW Wall (M.26.E45)	0.000	0.00	0.062	162.00	0.062	162.00	SOUTH
in space: 4856Plnm (M.26)							
4856SSW Wall (M.26.E47)	0.000	0.00	0.062	1637.10	0.062	1637.10	SOUTH
in space: 4856Plnm (M.26)							
88SSW Wall (T.SE31.E71)	0.535	180.48	0.062	62.42	0.414	242.90	SOUTH
in space: 88SE Perim Spc (T.SE31)							
Exterior Wall 893	0.000	0.00	0.062	1080.00	0.062	1080.00	SOUTH
in space: 6MC Top Spc							
88SSW Wall (T.36.E74)	0.000	0.00	0.062	18.00	0.062	18.00	SOUTH
in space: 88Plnm (T.36)							
88SSW Wall (T.36.E76)	0.000	0.00	0.062	147.20	0.062	147.20	SOUTH
in space: 88Plnm (T.36)							
11MCSSW Wall (G.SW3.E6)	0.000	0.00	0.062	445.56	0.062	445.56	SOUTH
in space: 11MCSW Perim Spc (G.SW3)							
88SSW Wall (T.36.E78)	0.000	0.00	0.062	34.70	0.062	34.70	SOUTH
in space: 88Plnm (T.36)							
2026SSW Wall (M.NNE22.E27)	0.502	785.56	0.062	636.94	0.305	1422.50	SOUTH
in space: 2026NNE Perim Spc (M.NNE22)							
11MCSSW Wall (G.SSW4.E8)	0.000	0.00	0.062	264.26	0.062	264.26	SOUTH
in space: 11MCSSW Perim Spc (G.SSW4)							
2026SSW Wall (M.SW25.E30)	0.532	1167.82	0.062	327.18	0.429	1495.00	SOUTH
in space: 2026SW Perim Spc (M.SW25)							
2026SSW Wall (M.SSW26.E32)	0.502	1228.72	0.062	996.28	0.305	2225.00	SOUTH
in space: 2026SSW Perim Spc (M.SSW26)							
11MCSSW Wall (G.WSW5.E10)	0.000	0.00	0.062	1000.14	0.062	1000.14	SOUTH
in space: 11MCWSW Perim Spc (G.WSW5)							
5765SSW Wall (M.W15.E32)	0.000	0.00	0.062	874.80	0.062	874.80	SOUTH
in space: 5765West Perim Spc (M.W15)							
5765SSW Wall (M.SW16.E35)	0.535	1624.33	0.062	1111.85	0.343	2736.18	SOUTH
in space: 5765SW Perim Spc (M.SW16)							
5765SSW Wall (M.SSW17.E36)	0.502	1859.51	0.062	1761.19	0.288	3620.70	SOUTH
in space: 5765SSW Perim Spc (M.SSW17)							
2026SSW Wall (M.S27.E34)	0.533	1114.74	0.062	162.76	0.473	1277.50	SOUTH
in space: 2026South Perim Spc (M.S27)							
5765SSW Wall (M.SSE18.E38)	0.533	1910.98	0.062	572.48	0.425	2483.46	SOUTH
in space: 5765SSE Perim Spc (M.SSE18)							
89SSW Wall (G.W4.E8)	0.000	0.00	0.062	252.00	0.062	252.00	SOUTH
in space: 89West Perim Spc (G.W4)							

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89SSW Wall (G.SW5.E11)	0.502	377.25	0.062	356.35	0.288	733.60	SOUTH
in space: 89SW Perim Spc (G.SW5)							
2026SSW Wall (M.28.E36)	0.000	0.00	0.062	546.30	0.062	546.30	SOUTH
in space: 2026Plnm (M.28)							
2026SSW Wall (M.28.E38)	0.000	0.00	0.062	899.55	0.062	899.55	SOUTH
in space: 2026Plnm (M.28)							
89SSW Wall (G.S6.E14)	0.502	766.50	0.062	560.70	0.316	1327.20	SOUTH
in space: 89South Perim Spc (G.S6)							
25SSW Wall (M.SSW24.E26)	0.397	187.00	0.062	2315.50	0.087	2502.50	SOUTH
in space: 25SSW Perim Spc (M.SSW24)							
11MCSSW Wall (G.SE6.E12)	0.000	0.00	0.062	658.86	0.062	658.86	SOUTH
in space: 11MCSE Perim Spc (G.SE6)							
89SSW Wall (G.11.E18)	0.000	0.00	0.062	36.00	0.062	36.00	SOUTH
in space: 89Plnm (G.11)							
89SSW Wall (G.11.E20)	0.000	0.00	0.062	294.40	0.062	294.40	SOUTH
in space: 89Plnm (G.11)							
GSSW Wall (G.SSW9.E13)	0.397	84.00	0.062	988.50	0.089	1072.50	SOUTH
in space: GSSW Perim Spc (G.SSW9)							
5765SSW Wall (M.26.E45)	0.000	0.00	0.062	162.00	0.062	162.00	SOUTH
in space: 5765Plnm (M.26)							
5765SSW Wall (M.26.E47)	0.000	0.00	0.062	1637.10	0.062	1637.10	SOUTH
in space: 5765Plnm (M.26)							
11DBSSW Wall (G.WNW1.E2)	0.000	0.00	0.062	2126.45	0.062	2126.45	SOUTH
in space: 11DBWNW Perim Spc (G.WNW1)							
2026SSW Wall (T.WNW35.E44)	0.502	178.10	0.062	273.40	0.236	451.50	SOUTH
in space: 2026WNW Perim Spc (T.WNW35)							
GSSW Wall (G.W5.E8)	0.000	0.00	0.062	228.00	0.062	228.00	SOUTH
in space: GWest Perim Spc (G.W5)							
89DBSSW Wall (G.WNW1.E2)	0.519	1250.00	0.062	482.50	0.392	1732.50	SOUTH
in space: 89DBWNW Perim Spc (G.WNW1)							
8ASSW Wall (G.WSW2.E3)	0.000	0.00	0.062	1456.80	0.062	1456.80	SOUTH
in space: 8AWSW Perim Spc (G.WSW2)							
2026SSW Wall (T.NNE36.E47)	0.502	157.11	0.062	241.19	0.236	398.30	SOUTH
in space: 2026NNE Perim Spc (T.NNE36)							
89DBSSW Wall (G.2.E6)	0.000	0.00	0.062	110.00	0.062	110.00	SOUTH
in space: 89DBPlnm (G.2)							
1519SSW Wall (G.WNW6.E2)	0.535	545.27	0.062	422.23	0.329	967.50	SOUTH
in space: 1519WNW Perim Spc (G.WNW6)							
2026SSW Wall (T.SW39.E50)	0.532	233.56	0.062	185.04	0.325	418.60	SOUTH
in space: 2026SW Perim Spc (T.SW39)							
66SSW Wall (T.W28.E58)	0.000	0.00	0.062	126.00	0.062	126.00	SOUTH
in space: 66West Perim Spc (T.W28)							
66SSW Wall (T.SW29.E61)	0.535	180.48	0.062	213.62	0.279	394.10	SOUTH
in space: 66SW Perim Spc (T.SW29)							
66SSW Wall (T.SSW30.E62)	0.502	206.61	0.062	314.89	0.236	521.50	SOUTH
in space: 66SSW Perim Spc (T.SSW30)							
2026SSW Wall (T.SSW40.E52)	0.502	245.74	0.062	377.26	0.236	623.00	SOUTH
in space: 2026SSW Perim Spc (T.SSW40)							
66SSW Wall (T.SSE31.E64)	0.533	212.33	0.062	145.37	0.342	357.70	SOUTH
in space: 66SSE Perim Spc (T.SSE31)							
90SSW Wall (G.W4.E8)	0.502	129.59	0.062	122.41	0.288	252.00	SOUTH
in space: 90West Perim Spc (G.W4)							
90SSW Wall (G.SW5.E11)	0.502	377.25	0.062	356.35	0.288	733.60	SOUTH
in space: 90SW Perim Spc (G.SW5)							
8ASSW Wall (G.WSW2.E5)	0.000	0.00	0.062	716.40	0.062	716.40	SOUTH
in space: 8AWSW Perim Spc (G.WSW2)							
2026SSW Wall (T.S41.E54)	0.533	222.95	0.062	134.75	0.355	357.70	SOUTH
in space: 2026South Perim Spc (T.S41)							

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90SSW Wall (G.S6.E14)	0.502	766.50	0.062	560.70	0.316	1327.20	SOUTH
in space: 90South Perim Spc (G.S6)							
2026SSW Wall (T.42.E56)	0.000	0.00	0.062	109.26	0.062	109.26	SOUTH
in space: 2026Plnm (T.42)							
2026SSW Wall (T.42.E58)	0.000	0.00	0.062	179.91	0.062	179.91	SOUTH
in space: 2026Plnm (T.42)							
90SSW Wall (G.11.E18)	0.000	0.00	0.062	36.00	0.062	36.00	SOUTH
in space: 90Plnm (G.11)							
90SSW Wall (G.11.E20)	0.000	0.00	0.062	294.40	0.062	294.40	SOUTH
in space: 90Plnm (G.11)							
GSSW Wall (G.ESE11.E15)	0.502	270.41	0.062	30.34	0.457	300.75	SOUTH
in space: GESE Perim Spc (G.ESE11)							
66SSW Wall (T.39.E71)	0.000	0.00	0.062	18.00	0.062	18.00	SOUTH
in space: 66Plnm (T.39)							
66SSW Wall (T.39.E73)	0.000	0.00	0.062	181.90	0.062	181.90	SOUTH
in space: 66Plnm (T.39)							
1519SSW Wall (G.NNE7.E5)	0.502	471.33	0.062	382.17	0.305	853.50	SOUTH
in space: 1519NNE Perim Spc (G.NNE7)							
25SSW Wall (G.SSW3.E5)	0.000	0.00	0.062	428.75	0.062	428.75	SOUTH
in space: 25SSW Perim Spc (G.SSW3)							
25SSW Wall (G.W4.E7)	0.000	0.00	0.062	266.00	0.062	266.00	SOUTH
in space: 25West Perim Spc (G.W4)							
27MCSSW Wall (G.WNW7.E4)	0.000	0.00	0.062	580.50	0.062	580.50	SOUTH
in space: 27MCWNW Perim Spc (G.WNW7)							
25SSW Wall (G.SSW5.E8)	0.502	2392.34	0.062	125.91	0.480	2518.25	SOUTH
in space: 25SSW Perim Spc (G.SSW5)							
1519SSW Wall (G.S10.E9)	0.531	796.24	0.062	37.76	0.510	834.00	SOUTH
in space: 1519South Perim Spc (G.S10)							
27MCSSW Wall (G.NNE8.E7)	0.000	0.00	0.062	512.10	0.062	512.10	SOUTH
in space: 27MCNNE Perim Spc (G.NNE8)							
91SSW Wall (G.W4.E7)	0.000	0.00	0.062	126.00	0.062	126.00	SOUTH
in space: 91West Perim Spc (G.W4)							
91SSW Wall (G.SW5.E10)	0.000	0.00	0.062	366.80	0.062	366.80	SOUTH
in space: 91SW Perim Spc (G.SW5)							
67MCSSW Wall (G.W2.E5)	0.000	0.00	0.062	252.00	0.062	252.00	SOUTH
in space: 67MCWest Perim Spc (G.W2)							
91SSW Wall (G.S6.E12)	0.000	0.00	0.062	663.60	0.062	663.60	SOUTH
in space: 91South Perim Spc (G.S6)							
91SSW Wall (G.ESE11.E13)	0.000	0.00	0.062	242.90	0.062	242.90	SOUTH
in space: 91ESE Perim Spc (G.ESE11)							
67MCSSW Wall (G.SW3.E8)	0.000	0.00	0.062	788.20	0.062	788.20	SOUTH
in space: 67MCSW Perim Spc (G.SW3)							
67MCSSW Wall (G.SSW4.E9)	0.000	0.00	0.062	1043.00	0.062	1043.00	SOUTH
in space: 67MCSSW Perim Spc (G.SSW4)							
91SSW Wall (G.12.E17)	0.000	0.00	0.062	18.00	0.062	18.00	SOUTH
in space: 91Plnm (G.12)							
91SSW Wall (G.12.E19)	0.000	0.00	0.062	147.20	0.062	147.20	SOUTH
in space: 91Plnm (G.12)							
8ASSW Wall (G.SW9.E12)	0.000	0.00	0.062	355.20	0.062	355.20	SOUTH
in space: 8ASW Perim Spc (G.SW9)							
91SSW Wall (G.12.E21)	0.000	0.00	0.062	34.70	0.062	34.70	SOUTH
in space: 91Plnm (G.12)							
67MCSSW Wall (G.SSE5.E11)	0.000	0.00	0.062	715.40	0.062	715.40	SOUTH
in space: 67MCSSE Perim Spc (G.SSE5)							
27MCSSW Wall (G.SW11.E10)	0.000	0.00	0.062	538.20	0.062	538.20	SOUTH
in space: 27MCSW Perim Spc (G.SW11)							
27MCSSW Wall (G.SSW12.E12)	0.000	0.00	0.062	801.00	0.062	801.00	SOUTH
in space: 27MCSSW Perim Spc (G.SSW12)							

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8ASSW Wall (G.WSW10.E13)	0.000	0.00	0.062	306.00	0.062	306.00	SOUTH
in space: 8AWSW Perim Spc (G.WSW10)							
27MCSSW Wall (G.S13.E14)	0.000	0.00	0.062	459.90	0.062	459.90	SOUTH
in space: 27MCSouth Perim Spc (G.S13)							
1519SSW Wall (G.SSE11.E12)	0.502	699.96	0.062	567.54	0.305	1267.50	SOUTH
in space: 1519SSE Perim Spc (G.SSE11)							
1519SSW Wall (G.W12.E13)	0.502	495.35	0.062	401.65	0.305	897.00	SOUTH
in space: 1519West Perim Spc (G.W12)							
1519SSW Wall (G.14.E17)	0.000	0.00	0.062	327.78	0.062	327.78	SOUTH
in space: 1519Plnm (G.14)							
1519SSW Wall (G.14.E19)	0.000	0.00	0.062	389.61	0.062	389.61	SOUTH
in space: 1519Plnm (G.14)							
92SSW Wall (G.W4.E7)	0.000	0.00	0.062	126.00	0.062	126.00	SOUTH
in space: 92West Perim Spc (G.W4)							
92SSW Wall (G.SW5.E10)	0.000	0.00	0.062	366.80	0.062	366.80	SOUTH
in space: 92SW Perim Spc (G.SW5)							
8ASSW Wall (G.SSW11.E15)	0.000	0.00	0.062	232.80	0.062	232.80	SOUTH
in space: 8ASSW Perim Spc (G.SSW11)							
92SSW Wall (G.S6.E12)	0.000	0.00	0.062	663.60	0.062	663.60	SOUTH
in space: 92South Perim Spc (G.S6)							
92SSW Wall (G.ESE11.E13)	0.000	0.00	0.062	242.90	0.062	242.90	SOUTH
in space: 92ESE Perim Spc (G.ESE11)							
1519SSW Wall (G.14.E21)	0.000	0.00	0.062	150.12	0.062	150.12	SOUTH
in space: 1519Plnm (G.14)							
68SSW Wall (G.ESE3.E8)	0.000	0.00	0.062	212.80	0.062	212.80	SOUTH
in space: 68ESE Perim Spc (G.ESE3)							
92SSW Wall (G.12.E17)	0.000	0.00	0.062	18.00	0.062	18.00	SOUTH
in space: 92Plnm (G.12)							
92SSW Wall (G.12.E19)	0.000	0.00	0.062	147.20	0.062	147.20	SOUTH
in space: 92Plnm (G.12)							
28SSW Wall (G.S9.E8)	0.535	200.90	0.062	156.80	0.328	357.70	SOUTH
in space: 28South Perim Spc (G.S9)							
92SSW Wall (G.12.E21)	0.000	0.00	0.062	34.70	0.062	34.70	SOUTH
in space: 92Plnm (G.12)							
68SSW Wall (G.ESE3.E10)	0.000	0.00	0.062	49.00	0.062	49.00	SOUTH
in space: 68ESE Perim Spc (G.ESE3)							
28SSW Wall (G.SSW10.E9)	0.535	197.80	0.062	323.70	0.242	521.50	SOUTH
in space: 28SSW Perim Spc (G.SSW10)							
28SSW Wall (G.SW11.E10)	0.534	215.60	0.062	304.50	0.258	520.10	SOUTH
in space: 28SW Perim Spc (G.SW11)							
68SSW Wall (G.W4.E13)	0.000	0.00	0.062	126.00	0.062	126.00	SOUTH
in space: 68West Perim Spc (G.W4)							
68SSW Wall (G.SW5.E16)	0.502	188.63	0.062	178.17	0.288	366.80	SOUTH
in space: 68SW Perim Spc (G.SW5)							
28SSW Wall (G.13.E14)	0.000	0.00	0.062	199.90	0.062	199.90	SOUTH
in space: 28Plnm (G.13)							
68SSW Wall (G.S6.E18)	0.502	268.18	0.062	253.32	0.288	521.50	SOUTH
in space: 68South Perim Spc (G.S6)							
Exterior Wall 887	0.502	625.00	0.062	275.00	0.367	900.00	SOUTH
in space: 25SSW Perim Spc (G.SSW5)							
6MCSSW Wall (G.WSW1.E2)	0.000	0.00	0.062	4003.29	0.062	4003.29	SOUTH
in space: 6MCWSW Perim Spc (G.WSW1)							
1MSSW Wall (G.SW3.E6)	0.463	52.50	0.062	530.28	0.098	582.78	SOUTH
in space: 1MSW Perim Spc (G.SW3)							
1MWest Wall (G.SW3.E5)	0.437	225.00	0.062	166.28	0.278	391.28	SOUTH-WEST
in space: 1MSW Perim Spc (G.SW3)							
GWest Wall (G.W8.E12)	0.422	426.50	0.062	307.15	0.271	733.65	SOUTH-WEST
in space: GWest Perim Spc (G.W8)							

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25West Wall (T.W39.E40)	0.418	542.50	0.062	313.43	0.288	855.92	SOUTH-WEST
in space: 25West Perim Spc (T.W39)							
6MCWest Wall (G.WSW1.E1)	0.000	0.00	0.062	1760.76	0.062	1760.76	SOUTH-WEST
in space: 6MCWSW Perim Spc (G.WSW1)							
GWest Wall (G.18.E22)	0.000	0.00	0.062	97.82	0.062	97.82	SOUTH-WEST
in space: GPlnm (G.18)							
25West Wall (G.W7.E10)	0.418	542.50	0.062	313.43	0.288	855.92	SOUTH-WEST
in space: 25West Perim Spc (G.W7)							
25West Wall (M.W23.E25)	0.418	1085.00	0.062	626.85	0.288	1711.85	SOUTH-WEST
in space: 25West Perim Spc (M.W23)							
6MCWest Wall (G.11.E17)	0.000	0.00	0.062	97.82	0.062	97.82	SOUTH-WEST
in space: 6MCPlnm (G.11)							
Exterior Wall 886	0.000	0.00	0.062	2988.00	0.062	2988.00	WEST
in space: 93MERSpace							
6MCWNW Wall (G.N2.E4)	0.000	0.00	0.062	1036.82	0.062	1036.82	WEST
in space: 6MCNorth Perim Spc (G.N2)							
10AWNW Wall (G.N8.E9)	0.502	337.59	0.062	144.71	0.370	482.30	WEST
in space: 10ANorth Perim Spc (G.N8)							
25WNW Wall (G.W4.E6)	0.000	0.00	0.062	448.88	0.062	448.88	WEST
in space: 25West Perim Spc (G.W4)							
2026WNW Wall (G.SW11.E11)	0.502	101.46	0.062	116.94	0.266	218.40	WEST
in space: 2026SW Perim Spc (G.SW11)							
2936WNW Wall (M.SW24.E27)	0.502	780.50	0.062	442.54	0.343	1223.04	WEST
in space: 2936SW Perim Spc (M.SW24)							
70WNW Wall (G.12.E27)	0.000	0.00	0.062	27.50	0.062	27.50	WEST
in space: 70Plnm (G.12)							
5765WNW Wall (M.26.E44)	0.000	0.00	0.062	1112.40	0.062	1112.40	WEST
in space: 5765Plnm (M.26)							
7179WNW Wall (M.NNW13.E29)	0.539	1242.14	0.062	94.36	0.505	1336.50	WEST
in space: 7179NNW Perim Spc (M.NNW13)							
2936WNW Wall (M.WNW25.E28)	0.502	1671.07	0.062	947.49	0.343	2618.56	WEST
in space: 2936WNW Perim Spc (M.WNW25)							
7179WNW Wall (M.NNW13.E31)	0.533	1910.98	0.062	169.10	0.495	2080.08	WEST
in space: 7179NNW Perim Spc (M.NNW13)							
5765WNW Wall (M.26.E46)	0.000	0.00	0.062	268.20	0.062	268.20	WEST
in space: 5765Plnm (M.26)							
2936WNW Wall (M.26.E29)	0.000	0.00	0.062	1401.60	0.062	1401.60	WEST
in space: 2936Plnm (M.26)							
7179WNW Wall (M.W14.E34)	0.502	2207.72	0.062	1442.14	0.328	3649.86	WEST
in space: 7179West Perim Spc (M.W14)							
7179WNW Wall (M.SW15.E35)	0.502	876.03	0.062	572.25	0.328	1448.28	WEST
in space: 7179SW Perim Spc (M.SW15)							
10AWNW Wall (G.N8.E11)	0.502	16.17	0.062	6.93	0.370	23.10	WEST
in space: 10ANorth Perim Spc (G.N8)							
25WNW Wall (M.W20.E21)	0.000	0.00	0.062	897.75	0.062	897.75	WEST
in space: 25West Perim Spc (M.W20)							
1519WNW Wall (G.W12.E14)	0.502	887.81	0.062	477.19	0.348	1365.00	WEST
in space: 1519West Perim Spc (G.W12)							
3744WNW Wall (M.NNW18.E17)	0.530	2744.00	0.062	282.24	0.487	3026.24	WEST
in space: 3744NNW Perim Spc (M.NNW18)							
5765WNW Wall (M.26.E52)	0.000	0.00	0.062	196.20	0.062	196.20	WEST
in space: 5765Plnm (M.26)							
2026WNW Wall (G.14.E15)	0.000	0.00	0.062	69.48	0.062	69.48	WEST
in space: 2026Plnm (G.14)							
66WNW Wall (T.NNW27.E54)	0.532	233.56	0.062	94.04	0.397	327.60	WEST
in space: 66NNW Perim Spc (T.NNW27)							
1519WNW Wall (G.WNW13.E15)	0.502	651.71	0.062	350.29	0.348	1002.00	WEST
in space: 1519WNW Perim Spc (G.WNW13)							

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66WNW Wall (T.NNW27.E56)	0.502	71.21	0.062	81.39	0.267	152.60	WEST
in space: 66NNW Perim Spc (T.NNW27)							
7179WNW Wall (M.24.E45)	0.000	0.00	0.062	1061.10	0.062	1061.10	WEST
in space: 7179Plnm (M.24)							
2026WNW Wall (G.14.E17)	0.000	0.00	0.062	88.20	0.062	88.20	WEST
in space: 2026Plnm (G.14)							
7179WNW Wall (M.24.E47)	0.000	0.00	0.062	268.20	0.062	268.20	WEST
in space: 7179Plnm (M.24)							
1519WNW Wall (G.14.E16)	0.000	0.00	0.062	208.44	0.062	208.44	WEST
in space: 1519Plnm (G.14)							
66WNW Wall (T.W28.E59)	0.502	250.85	0.062	286.75	0.267	537.60	WEST
in space: 66West Perim Spc (T.W28)							
66WNW Wall (T.SW29.E60)	0.502	97.34	0.062	111.26	0.267	208.60	WEST
in space: 66SW Perim Spc (T.SW29)							
GWNW Wall (G.NW2.E4)	0.502	432.92	0.062	48.62	0.457	481.54	WEST
in space: GNW Perim Spc (G.NW2)							
1519WNW Wall (G.14.E18)	0.000	0.00	0.062	426.06	0.062	426.06	WEST
in space: 1519Plnm (G.14)							
Exterior Wall 896	0.000	0.00	0.062	1080.00	0.062	1080.00	WEST
in space: 6MC Top Spc							
10AWNW Wall (G.10.E15)	0.000	0.00	0.062	1608.46	0.062	1608.46	WEST
in space: 10APlnm (G.10)							
7179WNW Wall (M.24.E55)	0.000	0.00	0.062	247.50	0.062	247.50	WEST
in space: 7179Plnm (M.24)							
2026WNW Wall (M.WNW21.E23)	0.502	1255.29	0.062	674.71	0.348	1930.00	WEST
in space: 2026WNW Perim Spc (M.WNW21)							
8087WNW Wall (M.NNW13.E29)	0.539	1104.12	0.062	83.88	0.505	1188.00	WEST
in space: 8087NNW Perim Spc (M.NNW13)							
3744WNW Wall (M.SW24.E27)	0.502	780.50	0.062	442.54	0.343	1223.04	WEST
in space: 3744SW Perim Spc (M.SW24)							
8087WNW Wall (M.NNW13.E31)	0.533	1698.65	0.062	150.31	0.495	1848.96	WEST
in space: 8087NNW Perim Spc (M.NNW13)							
3744WNW Wall (M.WNW25.E28)	0.502	1671.07	0.062	947.49	0.343	2618.56	WEST
in space: 3744WNW Perim Spc (M.WNW25)							
3744WNW Wall (M.26.E29)	0.000	0.00	0.062	1401.60	0.062	1401.60	WEST
in space: 3744Plnm (M.26)							
8087WNW Wall (M.W14.E34)	0.502	1962.42	0.062	1281.90	0.328	3244.32	WEST
in space: 8087West Perim Spc (M.W14)							
8087WNW Wall (M.SW15.E35)	0.502	778.70	0.062	508.66	0.328	1287.36	WEST
in space: 8087SW Perim Spc (M.SW15)							
8AWNW Wall (G.NW1.E1)	0.000	0.00	0.062	670.80	0.062	670.80	WEST
in space: 8ANW Perim Spc (G.NW1)							
66WNW Wall (T.39.E70)	0.000	0.00	0.062	123.60	0.062	123.60	WEST
in space: 66Plnm (T.39)							
10AWNW Wall (G.10.E17)	0.000	0.00	0.062	3287.76	0.062	3287.76	WEST
in space: 10APlnm (G.10)							
66WNW Wall (T.39.E72)	0.000	0.00	0.062	29.80	0.062	29.80	WEST
in space: 66Plnm (T.39)							
1MWNW Wall (G.SW4.E7)	0.000	0.00	0.062	178.40	0.062	178.40	WEST
in space: 1MSW Perim Spc (G.SW4)							
45WNW Wall (T.NNW31.E33)	0.530	343.00	0.062	197.40	0.359	540.40	WEST
in space: 45NNW Perim Spc (T.NNW31)							
1519WNW Wall (M.WNW20.E24)	0.502	1255.29	0.062	674.71	0.348	1930.00	WEST
in space: 1519WNW Perim Spc (M.WNW20)							
2026WNW Wall (M.WNW23.E28)	0.502	1086.19	0.062	583.81	0.348	1670.00	WEST
in space: 2026WNW Perim Spc (M.WNW23)							
25WNW Wall (M.SSW21.E24)	0.000	0.00	0.062	878.50	0.062	878.50	WEST
in space: 25SSW Perim Spc (M.SSW21)							

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8087WNW Wall (M.24.E45)	0.000	0.00	0.062	943.20	0.062	943.20	WEST
in space: 8087Plnm (M.24)							
66WNW Wall (T.39.E78)	0.000	0.00	0.062	21.80	0.062	21.80	WEST
in space: 66Plnm (T.39)							
8087WNW Wall (M.24.E47)	0.000	0.00	0.062	238.40	0.062	238.40	WEST
in space: 8087Plnm (M.24)							
8AWNW Wall (G.WSW2.E4)	0.000	0.00	0.062	189.60	0.062	189.60	WEST
in space: 8AWSW Perim Spc (G.WSW2)							
67MCWNW Wall (G.NNW1.E1)	0.000	0.00	0.062	655.20	0.062	655.20	WEST
in space: 67MCNNW Perim Spc (G.NNW1)							
2026WNW Wall (M.SW25.E31)	0.502	507.32	0.062	272.68	0.348	780.00	WEST
in space: 2026SW Perim Spc (M.SW25)							
67MCWNW Wall (G.NNW1.E3)	0.000	0.00	0.062	305.20	0.062	305.20	WEST
in space: 67MCNNW Perim Spc (G.NNW1)							
10MWNW Wall (G.WNW1.E1)	0.000	0.00	0.062	1948.22	0.062	1948.22	WEST
in space: 10MWNW Perim Spc (G.WNW1)							
25WNW Wall (G.SSW5.E9)	0.000	0.00	0.062	439.25	0.062	439.25	WEST
in space: 25SSW Perim Spc (G.SSW5)							
67MCWNW Wall (G.W2.E6)	0.000	0.00	0.062	1075.20	0.062	1075.20	WEST
in space: 67MCWest Perim Spc (G.W2)							
8087WNW Wall (M.24.E55)	0.000	0.00	0.062	220.00	0.062	220.00	WEST
in space: 8087Plnm (M.24)							
67MCWNW Wall (G.SW3.E7)	0.000	0.00	0.062	417.20	0.062	417.20	WEST
in space: 67MCSW Perim Spc (G.SW3)							
88WNW Wall (T.NNW25.E57)	0.539	138.02	0.062	54.48	0.404	192.50	WEST
in space: 88NNW Perim Spc (T.NNW25)							
10MWNW Wall (G.SSW2.E3)	0.000	0.00	0.062	242.07	0.062	242.07	WEST
in space: 10MSSW Perim Spc (G.SSW2)							
88WNW Wall (T.NNW25.E59)	0.533	212.33	0.062	87.27	0.396	299.60	WEST
in space: 88NNW Perim Spc (T.NNW25)							
2026WNW Wall (M.28.E35)	0.000	0.00	0.062	347.40	0.062	347.40	WEST
in space: 2026Plnm (M.28)							
45WNW Wall (T.SW37.E43)	0.502	97.56	0.062	120.84	0.259	218.40	WEST
in space: 45SW Perim Spc (T.SW37)							
88WNW Wall (T.W26.E62)	0.502	245.30	0.062	280.40	0.267	525.70	WEST
in space: 88West Perim Spc (T.W26)							
88WNW Wall (T.SW27.E63)	0.502	97.34	0.062	111.26	0.267	208.60	WEST
in space: 88SW Perim Spc (T.SW27)							
45WNW Wall (T.WNW38.E44)	0.502	208.88	0.062	258.72	0.259	467.60	WEST
in space: 45WNW Perim Spc (T.WNW38)							
45WNW Wall (T.39.E45)	0.000	0.00	0.062	175.20	0.062	175.20	WEST
in space: 45Plnm (T.39)							
GWNW Wall (G.18.E33)	0.000	0.00	0.062	199.40	0.062	199.40	WEST
in space: GPlnm (G.18)							
2026WNW Wall (M.28.E37)	0.000	0.00	0.062	441.00	0.062	441.00	WEST
in space: 2026Plnm (M.28)							
8AWNW Wall (G.WSW2.E7)	0.609	18.00	0.062	237.60	0.101	255.60	WEST
in space: 8AWSW Perim Spc (G.WSW2)							
46MCWNW Wall (T.NNW31.E33)	0.000	0.00	0.062	694.80	0.062	694.80	WEST
in space: 46MCNNW Perim Spc (T.NNW31)							
68WNW Wall (G.NNW1.E1)	0.528	280.00	0.062	7.70	0.516	287.70	WEST
in space: 68NNW Perim Spc (G.NNW1)							
GWNW Wall (G.SSW12.E19)	0.502	338.52	0.062	37.98	0.457	376.50	WEST
in space: GSSW Perim Spc (G.SSW12)							
68WNW Wall (G.NNW1.E3)	0.502	116.59	0.062	75.91	0.328	192.50	WEST
in space: 68NNW Perim Spc (G.NNW1)							
88WNW Wall (T.36.E73)	0.000	0.00	0.062	117.90	0.062	117.90	WEST
in space: 88Plnm (T.36)							

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1MWNW Wall (G.SSW5.E10)	0.000	0.00	0.062	227.60	0.062	227.60	WEST
in space: 1MSSW Perim Spc (G.SSW5)							
88WNW Wall (T.36.E75)	0.000	0.00	0.062	29.80	0.062	29.80	WEST
in space: 88Plnm (T.36)							
10MWNW Wall (G.SSW7.E8)	0.000	0.00	0.062	2557.77	0.062	2557.77	WEST
in space: 10MSSW Perim Spc (G.SSW7)							
10MWNW Wall (G.N8.E9)	0.000	0.00	0.062	2009.47	0.062	2009.47	WEST
in space: 10MNorth Perim Spc (G.N8)							
2026WNW Wall (T.WNW35.E43)	0.502	251.06	0.062	289.34	0.266	540.40	WEST
in space: 2026WNW Perim Spc (T.WNW35)							
1MWNW Wall (G.NW1.E1)	0.000	0.00	0.062	540.80	0.062	540.80	WEST
in space: 1MNW Perim Spc (G.NW1)							
1519WNW Wall (M.W26.E37)	0.502	1479.68	0.062	795.32	0.348	2275.00	WEST
in space: 1519West Perim Spc (M.W26)							
1519WNW Wall (M.WNW27.E38)	0.502	1086.19	0.062	583.81	0.348	1670.00	WEST
in space: 1519WNW Perim Spc (M.WNW27)							
1519WNW Wall (M.28.E39)	0.000	0.00	0.062	347.40	0.062	347.40	WEST
in space: 1519Plnm (M.28)							
88WNW Wall (T.36.E83)	0.000	0.00	0.062	27.50	0.062	27.50	WEST
in space: 88Plnm (T.36)							
46MCWNW Wall (T.SW37.E43)	0.000	0.00	0.062	280.80	0.062	280.80	WEST
in space: 46MCSW Perim Spc (T.SW37)							
89WNW Wall (G.NNW1.E1)	0.529	504.00	0.062	35.00	0.499	539.00	WEST
in space: 89NNW Perim Spc (G.NNW1)							
46MCWNW Wall (T.WNW38.E44)	0.000	0.00	0.062	601.20	0.062	601.20	WEST
in space: 46MCWNW Perim Spc (T.WNW38)							
89WNW Wall (G.NNW1.E3)	0.535	336.00	0.062	49.00	0.475	385.00	WEST
in space: 89NNW Perim Spc (G.NNW1)							
68WNW Wall (G.W4.E14)	0.502	325.61	0.062	211.99	0.328	537.60	WEST
in space: 68West Perim Spc (G.W4)							
68WNW Wall (G.SW5.E15)	0.502	126.34	0.062	82.26	0.328	208.60	WEST
in space: 68SW Perim Spc (G.SW5)							
46MCWNW Wall (T.39.E45)	0.000	0.00	0.062	175.20	0.062	175.20	WEST
in space: 46MCPlnm (T.39)							
2026WNW Wall (T.WNW37.E48)	0.502	217.24	0.062	250.36	0.266	467.60	WEST
in space: 2026WNW Perim Spc (T.WNW37)							
10MWNW Wall (G.N8.E11)	0.000	0.00	0.062	96.24	0.062	96.24	WEST
in space: 10MNorth Perim Spc (G.N8)							
89WNW Wall (G.W4.E9)	0.502	673.27	0.062	438.33	0.328	1111.60	WEST
in space: 89West Perim Spc (G.W4)							
89WNW Wall (G.SW5.E10)	0.502	252.69	0.062	164.51	0.328	417.20	WEST
in space: 89SW Perim Spc (G.SW5)							
1519WNW Wall (M.28.E41)	0.000	0.00	0.062	710.10	0.062	710.10	WEST
in space: 1519Plnm (M.28)							
47WNW Wall (G.NNW1.E1)	0.532	233.56	0.062	19.16	0.497	252.72	WEST
in space: 47NNW Perim Spc (G.NNW1)							
68WNW Wall (G.11.E21)	0.000	0.00	0.062	117.90	0.062	117.90	WEST
in space: 68Plnm (G.11)							
2026WNW Wall (T.SW39.E51)	0.502	101.46	0.062	116.94	0.266	218.40	WEST
in space: 2026SW Perim Spc (T.SW39)							
68WNW Wall (G.11.E23)	0.000	0.00	0.062	29.80	0.062	29.80	WEST
in space: 68Plnm (G.11)							
47WNW Wall (G.NNW1.E3)	0.502	71.21	0.062	46.51	0.328	117.72	WEST
in space: 47NNW Perim Spc (G.NNW1)							
89WNW Wall (G.11.E17)	0.000	0.00	0.062	235.80	0.062	235.80	WEST
in space: 89Plnm (G.11)							
8AWNW Wall (G.SW9.E11)	0.000	0.00	0.062	128.40	0.062	128.40	WEST
in space: 8ASW Perim Spc (G.SW9)							

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89WNW Wall (G.11.E19)	0.000	0.00	0.062	59.60	0.062	59.60	WEST
in space: 89Plnm (G.11)							
GWNW Wall (G.18.E24)	0.000	0.00	0.062	101.50	0.062	101.50	WEST
in space: GPlnm (G.18)							
47WNW Wall (G.W2.E6)	0.502	250.85	0.062	163.87	0.328	414.72	WEST
in space: 47West Perim Spc (G.W2)							
47WNW Wall (G.SW3.E7)	0.502	97.34	0.062	63.58	0.328	160.92	WEST
in space: 47SW Perim Spc (G.SW3)							
25WNW Wall (G.NW1.E1)	0.000	0.00	0.062	1183.00	0.062	1183.00	WEST
in space: 25NW Perim Spc (G.NW1)							
2026WNW Wall (T.42.E55)	0.000	0.00	0.062	69.48	0.062	69.48	WEST
in space: 2026Plnm (T.42)							
11MCWNW Wall (G.NNE1.E1)	0.000	0.00	0.062	914.82	0.062	914.82	WEST
in space: 11MCNNE Perim Spc (G.NNE1)							
89WNW Wall (G.11.E26)	0.000	0.00	0.062	55.00	0.062	55.00	WEST
in space: 89Plnm (G.11)							
2026WNW Wall (T.42.E57)	0.000	0.00	0.062	88.20	0.062	88.20	WEST
in space: 2026Plnm (T.42)							
89DBWNW Wall (G.WNW1.E1)	0.000	0.00	0.062	3320.10	0.062	3320.10	WEST
in space: 89DBWNW Perim Spc (G.WNW1)							
68WNW Wall (G.11.E33)	0.000	0.00	0.062	27.50	0.062	27.50	WEST
in space: 68Plnm (G.11)							
8AWNW Wall (G.WSW10.E14)	0.000	0.00	0.062	439.20	0.062	439.20	WEST
in space: 8AWSW Perim Spc (G.WSW10)							
68DBWNW Wall (G.WNW1.E1)	0.000	0.00	0.062	1891.50	0.062	1891.50	WEST
in space: 68DBWNW Perim Spc (G.WNW1)							
89DBWNW Wall (G.2.E5)	0.000	0.00	0.062	210.80	0.062	210.80	WEST
in space: 89DBPlnm (G.2)							
1519WNW Wall (T.WNW34.E47)	0.502	251.06	0.062	289.34	0.266	540.40	WEST
in space: 1519WNW Perim Spc (T.WNW34)							
6MCWNW Wall (G.NW3.E6)	0.000	0.00	0.062	1924.20	0.062	1924.20	WEST
in space: 6MCNW Perim Spc (G.NW3)							
GWNW Wall (G.W5.E7)	0.502	345.93	0.062	38.82	0.457	384.75	WEST
in space: GWest Perim Spc (G.W5)							
90WNW Wall (G.NNW1.E1)	0.502	326.46	0.062	212.54	0.328	539.00	WEST
in space: 90NNW Perim Spc (G.NNW1)							
11MCWNW Wall (G.WNW2.E5)	0.000	0.00	0.062	186.05	0.062	186.05	WEST
in space: 11MCWNW Perim Spc (G.WNW2)							
90WNW Wall (G.NNW1.E3)	0.502	233.18	0.062	151.82	0.328	385.00	WEST
in space: 90NNW Perim Spc (G.NNW1)							
27MCWNW Wall (G.WNW7.E3)	0.000	0.00	0.062	694.80	0.062	694.80	WEST
in space: 27MCWNW Perim Spc (G.WNW7)							
68DBWNW Wall (G.2.E7)	0.000	0.00	0.062	126.10	0.062	126.10	WEST
in space: 68DBPlnm (G.2)							
47WNW Wall (G.13.E18)	0.000	0.00	0.062	123.60	0.062	123.60	WEST
in space: 47Plnm (G.13)							
25WNW Wall (T.NW33.E31)	0.000	0.00	0.062	1183.00	0.062	1183.00	WEST
in space: 25NW Perim Spc (T.NW33)							
47WNW Wall (G.13.E20)	0.000	0.00	0.062	29.80	0.062	29.80	WEST
in space: 47Plnm (G.13)							
90WNW Wall (G.W4.E9)	0.502	673.27	0.062	438.33	0.328	1111.60	WEST
in space: 90West Perim Spc (G.W4)							
90WNW Wall (G.SW5.E10)	0.502	252.69	0.062	164.51	0.328	417.20	WEST
in space: 90SW Perim Spc (G.SW5)							
11MCWNW Wall (G.SW3.E7)	0.000	0.00	0.062	171.83	0.062	171.83	WEST
in space: 11MCSW Perim Spc (G.SW3)							
1MWNW Wall (G.N2.E4)	0.000	0.00	0.062	256.80	0.062	256.80	WEST
in space: 1MNorth Perim Spc (G.N2)							

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69WNW Wall (G.NNW1.E1)	0.528	280.00	0.062	7.70	0.516	287.70	WEST
in space: 69NNW Perim Spc (G.NNW1)							
11MCWNW Wall (G.WSW5.E9)	0.000	0.00	0.062	1512.06	0.062	1512.06	WEST
in space: 11MCWSW Perim Spc (G.WSW5)							
69WNW Wall (G.NNW1.E3)	0.502	116.59	0.062	75.91	0.328	192.50	WEST
in space: 69NNW Perim Spc (G.NNW1)							
27MCWNW Wall (G.WNW9.E8)	0.000	0.00	0.062	601.20	0.062	601.20	WEST
in space: 27MCWNW Perim Spc (G.WNW9)							
90WNW Wall (G.11.E17)	0.000	0.00	0.062	235.80	0.062	235.80	WEST
in space: 90Plnm (G.11)							
8MCWNW Wall (G.NNE1.E1)	0.000	0.00	0.062	473.00	0.062	473.00	WEST
in space: 8MANNE Perim Spc (G.NNE1)							
90WNW Wall (G.11.E19)	0.000	0.00	0.062	59.60	0.062	59.60	WEST
in space: 90Plnm (G.11)							
47WNW Wall (G.13.E26)	0.000	0.00	0.062	21.80	0.062	21.80	WEST
in space: 47Plnm (G.13)							
25WNW Wall (M.NW17.E16)	0.000	0.00	0.062	2366.00	0.062	2366.00	WEST
in space: 25NW Perim Spc (M.NW17)							
4856WNW Wall (M.NNW14.E28)	0.532	2102.08	0.062	172.40	0.497	2274.48	WEST
in space: 4856NNW Perim Spc (M.NNW14)							
27MCWNW Wall (G.SW11.E11)	0.000	0.00	0.062	280.80	0.062	280.80	WEST
in space: 27MCSW Perim Spc (G.SW11)							
4856WNW Wall (M.NNW14.E30)	0.502	640.86	0.062	418.62	0.328	1059.48	WEST
in space: 4856NNW Perim Spc (M.NNW14)							
6MCWNW Wall (G.11.E11)	0.000	0.00	0.062	85.60	0.062	85.60	WEST
in space: 6MCPlnm (G.11)							
90WNW Wall (G.11.E26)	0.000	0.00	0.062	55.00	0.062	55.00	WEST
in space: 90Plnm (G.11)							
25WNW Wall (T.N34.E34)	0.000	0.00	0.062	561.75	0.062	561.75	WEST
in space: 25North Perim Spc (T.N34)							
91WNW Wall (G.NNW1.E1)	0.530	238.00	0.062	31.50	0.475	269.50	WEST
in space: 91NNW Perim Spc (G.NNW1)							
4856WNW Wall (M.W15.E33)	0.502	2257.69	0.062	1474.79	0.328	3732.48	WEST
in space: 4856West Perim Spc (M.W15)							
91WNW Wall (G.NNW1.E3)	0.535	168.00	0.062	24.50	0.475	192.50	WEST
in space: 91NNW Perim Spc (G.NNW1)							
69WNW Wall (G.W4.E14)	0.502	325.61	0.062	211.99	0.328	537.60	WEST
in space: 69West Perim Spc (G.W4)							
69WNW Wall (G.SW5.E15)	0.502	126.34	0.062	82.26	0.328	208.60	WEST
in space: 69SW Perim Spc (G.SW5)							
4856WNW Wall (M.SW16.E34)	0.502	876.03	0.062	572.25	0.328	1448.28	WEST
in space: 4856SW Perim Spc (M.SW16)							
11DBWNW Wall (G.WNW1.E1)	0.000	0.00	0.062	4529.80	0.062	4529.80	WEST
in space: 11DBWNW Perim Spc (G.WNW1)							
91WNW Wall (G.W4.E8)	0.000	0.00	0.062	555.80	0.062	555.80	WEST
in space: 91West Perim Spc (G.W4)							
91WNW Wall (G.SW5.E9)	0.000	0.00	0.062	208.60	0.062	208.60	WEST
in space: 91SW Perim Spc (G.SW5)							
28WNW Wall (G.NNW5.E1)	0.530	343.00	0.062	197.40	0.359	540.40	WEST
in space: 28NNW Perim Spc (G.NNW5)							
1519WNW Wall (T.W40.E60)	0.502	295.94	0.062	341.06	0.266	637.00	WEST
in space: 1519West Perim Spc (T.W40)							
1519WNW Wall (T.WNW41.E61)	0.502	217.24	0.062	250.36	0.266	467.60	WEST
in space: 1519WNW Perim Spc (T.WNW41)							
69WNW Wall (G.11.E21)	0.000	0.00	0.062	117.90	0.062	117.90	WEST
in space: 69Plnm (G.11)							
1519WNW Wall (T.42.E62)	0.000	0.00	0.062	69.48	0.062	69.48	WEST
in space: 1519Plnm (T.42)							

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69WNW Wall (G.11.E23)	0.000	0.00	0.062	29.80	0.062	29.80	WEST
in space: 69Plnm (G.11)							
91WNW Wall (G.12.E16)	0.000	0.00	0.062	117.90	0.062	117.90	WEST
in space: 91Plnm (G.12)							
25WNW Wall (G.N2.E4)	0.000	0.00	0.062	561.75	0.062	561.75	WEST
in space: 25North Perim Spc (G.N2)							
91WNW Wall (G.12.E18)	0.000	0.00	0.062	29.80	0.062	29.80	WEST
in space: 91Plnm (G.12)							
1519WNW Wall (T.42.E64)	0.000	0.00	0.062	142.02	0.062	142.02	WEST
in space: 1519Plnm (T.42)							
25WNW Wall (T.W36.E36)	0.000	0.00	0.062	448.88	0.062	448.88	WEST
in space: 25West Perim Spc (T.W36)							
8MCWNW Wall (G.SSW2.E7)	0.502	899.60	0.062	47.40	0.480	947.00	WEST
in space: 8MASSW Perim Spc (G.SSW2)							
4856WNW Wall (M.26.E44)	0.000	0.00	0.062	1112.40	0.062	1112.40	WEST
in space: 4856Plnm (M.26)							
1519WNW Wall (G.WNW6.E1)	0.502	753.17	0.062	404.83	0.348	1158.00	WEST
in space: 1519WNW Perim Spc (G.WNW6)							
4856WNW Wall (M.26.E46)	0.000	0.00	0.062	268.20	0.062	268.20	WEST
in space: 4856Plnm (M.26)							
10AWNW Wall (G.WNW1.E1)	0.502	327.30	0.062	140.30	0.370	467.60	WEST
in space: 10AWNW Perim Spc (G.WNW1)							
91WNW Wall (G.12.E26)	0.000	0.00	0.062	27.50	0.062	27.50	WEST
in space: 91Plnm (G.12)							
28WNW Wall (G.SW11.E11)	0.502	97.56	0.062	120.84	0.259	218.40	WEST
in space: 28SW Perim Spc (G.SW11)							
92WNW Wall (G.NNW1.E1)	0.530	238.00	0.062	31.50	0.475	269.50	WEST
in space: 92NNW Perim Spc (G.NNW1)							
69WNW Wall (G.11.E33)	0.000	0.00	0.062	27.50	0.062	27.50	WEST
in space: 69Plnm (G.11)							
92WNW Wall (G.NNW1.E3)	0.535	168.00	0.062	24.50	0.475	192.50	WEST
in space: 92NNW Perim Spc (G.NNW1)							
28WNW Wall (G.WNW12.E12)	0.502	208.88	0.062	258.72	0.259	467.60	WEST
in space: 28WNW Perim Spc (G.WNW12)							
70WNW Wall (G.NNW1.E1)	0.539	138.02	0.062	10.48	0.505	148.50	WEST
in space: 70NNW Perim Spc (G.NNW1)							
28WNW Wall (G.13.E13)	0.000	0.00	0.062	175.20	0.062	175.20	WEST
in space: 28Plnm (G.13)							
70WNW Wall (G.NNW1.E3)	0.533	212.33	0.062	18.79	0.495	231.12	WEST
in space: 70NNW Perim Spc (G.NNW1)							
92WNW Wall (G.W4.E8)	0.000	0.00	0.062	555.80	0.062	555.80	WEST
in space: 92West Perim Spc (G.W4)							
92WNW Wall (G.SW5.E9)	0.000	0.00	0.062	208.60	0.062	208.60	WEST
in space: 92SW Perim Spc (G.SW5)							
6MCWNW Wall (G.11.E15)	0.000	0.00	0.062	164.50	0.062	164.50	WEST
in space: 6MCPlnm (G.11)							
4856WNW Wall (M.26.E52)	0.000	0.00	0.062	196.20	0.062	196.20	WEST
in space: 4856Plnm (M.26)							
70WNW Wall (G.W2.E6)	0.502	245.30	0.062	160.24	0.328	405.54	WEST
in space: 70West Perim Spc (G.W2)							
70WNW Wall (G.SW3.E7)	0.502	97.34	0.062	63.58	0.328	160.92	WEST
in space: 70SW Perim Spc (G.SW3)							
10AWNW Wall (G.SSW2.E3)	0.502	40.67	0.062	17.43	0.370	58.10	WEST
in space: 10ASSW Perim Spc (G.SSW2)							
5765WNW Wall (M.NNW14.E28)	0.532	2102.08	0.062	172.40	0.497	2274.48	WEST
in space: 5765NNW Perim Spc (M.NNW14)							
92WNW Wall (G.12.E16)	0.000	0.00	0.062	117.90	0.062	117.90	WEST
in space: 92Plnm (G.12)							

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GWNW Wall (G.NW1.E1)	0.502	911.70	0.062	102.30	0.457	1014.00	WEST
in space: GNW Perim Spc (G.NW1)							
92WNW Wall (G.12.E18)	0.000	0.00	0.062	29.80	0.062	29.80	WEST
in space: 92Plnm (G.12)							
5765WNW Wall (M.NNW14.E30)	0.502	640.86	0.062	418.62	0.328	1059.48	WEST
in space: 5765NNW Perim Spc (M.NNW14)							
2936WNW Wall (M.NNW18.E17)	0.530	2744.00	0.062	282.24	0.487	3026.24	WEST
in space: 2936NNW Perim Spc (M.NNW18)							
2026WNW Wall (G.WNW7.E3)	0.502	251.06	0.062	289.34	0.266	540.40	WEST
in space: 2026WNW Perim Spc (G.WNW7)							
5765WNW Wall (M.W15.E33)	0.502	2257.69	0.062	1474.79	0.328	3732.48	WEST
in space: 5765West Perim Spc (M.W15)							
5765WNW Wall (M.SW16.E34)	0.502	876.03	0.062	572.25	0.328	1448.28	WEST
in space: 5765SW Perim Spc (M.SW16)							
25WNW Wall (M.N18.E19)	0.000	0.00	0.062	1123.50	0.062	1123.50	WEST
in space: 25North Perim Spc (M.N18)							
70WNW Wall (G.12.E17)	0.000	0.00	0.062	117.90	0.062	117.90	WEST
in space: 70Plnm (G.12)							
92WNW Wall (G.12.E26)	0.000	0.00	0.062	27.50	0.062	27.50	WEST
in space: 92Plnm (G.12)							
25WNW Wall (T.SSW37.E39)	0.000	0.00	0.062	439.25	0.062	439.25	WEST
in space: 25SSW Perim Spc (T.SSW37)							
70WNW Wall (G.12.E19)	0.000	0.00	0.062	29.80	0.062	29.80	WEST
in space: 70Plnm (G.12)							
6MCRoof	0.000	0.00	0.047	27215.10	0.047	27215.10	WEST
in space: 6MCPlnm (G.11)							
10AWNW Wall (G.SSW7.E8)	0.502	429.70	0.062	184.20	0.370	613.90	WEST
in space: 10ASSW Perim Spc (G.SSW7)							
2026WNW Wall (G.WNW9.E8)	0.502	217.24	0.062	250.36	0.266	467.60	WEST
in space: 2026WNW Perim Spc (G.WNW9)							
6MCWNW Wall (G.WSW1.E3)	0.000	0.00	0.062	1540.88	0.062	1540.88	WEST
in space: 6MCWSW Perim Spc (G.WSW1)							
92 Roof	0.000	0.00	0.047	7656.44	0.047	7656.44	ROOF
in space: 92Plnm (G.12)							
27MCRoof1	0.000	0.00	0.047	1244.85	0.047	1244.85	ROOF
in space: 27MCWNW Perim Spc (G.WNW7)							
Exterior Wall 897	0.000	0.00	0.047	2916.00	0.047	2916.00	ROOF
in space: 6MC Top Spc							
Exterior Wall 898	0.000	0.00	0.047	29904.78	0.047	29904.78	ROOF
in space: Roof Spc (6MC)							
27MCRoof2	0.000	0.00	0.047	3970.01	0.047	3970.01	ROOF
in space: 27MCNNE Perim Spc (G.NNE8)							
SC3Flr (B.N1.U1)	0.000	0.00	0.010	7871.45	0.010	7871.45	UNDERGRND
in space: SC3North Perim Spc (B.N1)							
SC3WNW Wall (B.N1.U2)	0.000	0.00	0.194	539.00	0.194	539.00	UNDERGRND
in space: SC3North Perim Spc (B.N1)							
SC3ESE Wall (B.N1.U3)	0.000	0.00	0.194	669.00	0.194	669.00	UNDERGRND
in space: SC3North Perim Spc (B.N1)							
SC3NNE Wall (B.N1.U4)	0.000	0.00	0.194	600.00	0.194	600.00	UNDERGRND
in space: SC3North Perim Spc (B.N1)							
SC3WNW Wall (B.N1.U5)	0.000	0.00	0.194	457.50	0.194	457.50	UNDERGRND
in space: SC3North Perim Spc (B.N1)							
SC3NNE Wall (B.N1.U6)	0.000	0.00	0.194	605.00	0.194	605.00	UNDERGRND
in space: SC3North Perim Spc (B.N1)							
SC3Flr (B.SSW2.U7)	0.000	0.00	0.010	7891.75	0.010	7891.75	UNDERGRND
in space: SC3SSW Perim Spc (B.SSW2)							
SC3SSW Wall (B.SSW2.U8)	0.000	0.00	0.194	890.00	0.194	890.00	UNDERGRND
in space: SC3SSW Perim Spc (B.SSW2)							
SC3WNW Wall (B.SSW2.U9)	0.000	0.00	0.194	409.00	0.194	409.00	UNDERGRND
in space: SC3SSW Perim Spc (B.SSW2)							

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SURFACE	- - - W I N D O W S - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	- - - - W A L L - - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	-W A L L + W I N D O W S- U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	AZIMUTH
SC3SSW Wall (B.SSW2.U10)	0.000	0.00	0.194	315.00	0.194	315.00	UNDERGRND
in space: SC3SSW Perim Spc (B.SSW2)							
SC3ESE Wall (B.SSW2.U11)	0.000	0.00	0.194	957.00	0.194	957.00	UNDERGRND
in space: SC3SSW Perim Spc (B.SSW2)							
SC3WNW Wall (B.SSW2.U12)	0.000	0.00	0.194	548.00	0.194	548.00	UNDERGRND
in space: SC3SSW Perim Spc (B.SSW2)							
SC3Flr (B.C3.U13)	0.000	0.00	0.010	173.13	0.010	173.13	UNDERGRND
in space: SC3Core Spc (B.C3)							
SC3Flr (B.C4.U14)	0.000	0.00	0.010	177.00	0.010	177.00	UNDERGRND
in space: SC3Core Spc (B.C4)							
SC3Flr (B.C5.U15)	0.000	0.00	0.010	223.75	0.010	223.75	UNDERGRND
in space: SC3Core Spc (B.C5)							
SC3Flr (B.C6.U16)	0.000	0.00	0.010	483.50	0.010	483.50	UNDERGRND
in space: SC3Core Spc (B.C6)							
SC3Flr (B.ESE7.U17)	0.000	0.00	0.010	311.13	0.010	311.13	UNDERGRND
in space: SC3ESE Perim Spc (B.ESE7)							
SC3ESE Wall (B.ESE7.U18)	0.000	0.00	0.194	327.50	0.194	327.50	UNDERGRND
in space: SC3ESE Perim Spc (B.ESE7)							
SC2Flr (B.WNW1.U1)	0.000	0.00	0.010	1944.00	0.010	1944.00	UNDERGRND
in space: SC2WNW Perim Spc (B.WNW1)							
SC2WNW Wall (B.WNW1.U2)	0.000	0.00	0.139	2024.40	0.139	2024.40	UNDERGRND
in space: SC2WNW Perim Spc (B.WNW1)							
SC2Flr (B.NNE2.U3)	0.000	0.00	0.010	2589.42	0.010	2589.42	UNDERGRND
in space: SC2NNE Perim Spc (B.NNE2)							
SC2NNE Wall (B.NNE2.U4)	0.000	0.00	0.139	2627.13	0.139	2627.13	UNDERGRND
in space: SC2NNE Perim Spc (B.NNE2)							
SC2Flr (B.C3.U5)	0.000	0.00	0.010	946.40	0.010	946.40	UNDERGRND
in space: SC2Core Spc (B.C3)							
SC2Flr (B.C4.U6)	0.000	0.00	0.010	7390.86	0.010	7390.86	UNDERGRND
in space: SC2Core Spc (B.C4)							
SC2Flr (B.SW5.U7)	0.000	0.00	0.010	984.00	0.010	984.00	UNDERGRND
in space: SC2SW Perim Spc (B.SW5)							
SC2SSW Wall (B.SW5.U8)	0.000	0.00	0.139	624.40	0.139	624.40	UNDERGRND
in space: SC2SW Perim Spc (B.SW5)							
SC2WNW Wall (B.SW5.U9)	0.000	0.00	0.139	189.00	0.139	189.00	UNDERGRND
in space: SC2SW Perim Spc (B.SW5)							
SC2Flr (B.WNW6.U10)	0.000	0.00	0.010	333.75	0.010	333.75	UNDERGRND
in space: SC2WNW Perim Spc (B.WNW6)							
SC2WNW Wall (B.WNW6.U11)	0.000	0.00	0.139	311.50	0.139	311.50	UNDERGRND
in space: SC2WNW Perim Spc (B.WNW6)							
SC2Flr (B.SSW7.U12)	0.000	0.00	0.010	2033.25	0.010	2033.25	UNDERGRND
in space: SC2SSW Perim Spc (B.SSW7)							
SC2SSW Wall (B.SSW7.U13)	0.000	0.00	0.139	2002.70	0.139	2002.70	UNDERGRND
in space: SC2SSW Perim Spc (B.SSW7)							
SC2WNW Wall (B.SSW7.U14)	0.000	0.00	0.139	210.00	0.139	210.00	UNDERGRND
in space: SC2SSW Perim Spc (B.SSW7)							
SC2Flr (B.ESE8.U15)	0.000	0.00	0.010	2705.25	0.010	2705.25	UNDERGRND
in space: SC2ESE Perim Spc (B.ESE8)							
SC2ESE Wall (B.ESE8.U16)	0.000	0.00	0.139	2734.90	0.139	2734.90	UNDERGRND
in space: SC2ESE Perim Spc (B.ESE8)							
SC2Flr (B.C9.U17)	0.000	0.00	0.010	8653.21	0.010	8653.21	UNDERGRND
in space: SC2Core Spc (B.C9)							
SC2Flr (B.C10.U18)	0.000	0.00	0.010	1076.22	0.010	1076.22	UNDERGRND

in space: SC2Core Spc (B.C10)

REPORT- LV-D Details of Exterior Surfaces WEATHER FILE- New York CityNY TMY2
(CONTINUED)

SURFACE	- - - W I N D O W S - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	- - - - W A L L - - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	-W A L L + W I N D O W S- U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	AZIMUTH
SC2Flr (B.C11.U19)	0.000	0.00	0.010	5737.29	0.010	5737.29	UNDERGRND
in space: SC2Core Spc (B.C11)							
SC1Flr (B.WNW1.U1)	0.000	0.00	0.010	1944.00	0.010	1944.00	UNDERGRND
in space: SC1WNW Perim Spc (B.WNW1)							
SC1WNW Wall (B.WNW1.U2)	0.000	0.00	0.111	2530.50	0.111	2530.50	UNDERGRND
in space: SC1WNW Perim Spc (B.WNW1)							
SC1Flr (B.NNE2.U3)	0.000	0.00	0.010	2589.42	0.010	2589.42	UNDERGRND
in space: SC1NNE Perim Spc (B.NNE2)							
SC1NNE Wall (B.NNE2.U4)	0.000	0.00	0.111	3283.91	0.111	3283.91	UNDERGRND
in space: SC1NNE Perim Spc (B.NNE2)							
SC1Flr (B.C3.U5)	0.000	0.00	0.010	946.40	0.010	946.40	UNDERGRND
in space: SC1Core Spc (B.C3)							
SC1Flr (B.C4.U6)	0.000	0.00	0.010	7390.86	0.010	7390.86	UNDERGRND
in space: SC1Core Spc (B.C4)							
SC1Flr (B.SW5.U7)	0.000	0.00	0.010	984.00	0.010	984.00	UNDERGRND
in space: SC1SW Perim Spc (B.SW5)							
SC1SSW Wall (B.SW5.U8)	0.000	0.00	0.111	780.50	0.111	780.50	UNDERGRND
in space: SC1SW Perim Spc (B.SW5)							
SC1WNW Wall (B.SW5.U9)	0.000	0.00	0.111	236.25	0.111	236.25	UNDERGRND
in space: SC1SW Perim Spc (B.SW5)							
SC1Flr (B.WNW6.U10)	0.000	0.00	0.010	333.75	0.010	333.75	UNDERGRND
in space: SC1WNW Perim Spc (B.WNW6)							
SC1WNW Wall (B.WNW6.U11)	0.000	0.00	0.111	389.38	0.111	389.38	UNDERGRND
in space: SC1WNW Perim Spc (B.WNW6)							
SC1Flr (B.SSW7.U12)	0.000	0.00	0.010	2033.25	0.010	2033.25	UNDERGRND
in space: SC1SSW Perim Spc (B.SSW7)							
SC1SSW Wall (B.SSW7.U13)	0.000	0.00	0.111	2503.38	0.111	2503.38	UNDERGRND
in space: SC1SSW Perim Spc (B.SSW7)							
SC1WNW Wall (B.SSW7.U14)	0.000	0.00	0.111	262.50	0.111	262.50	UNDERGRND
in space: SC1SSW Perim Spc (B.SSW7)							
SC1Flr (B.ESE8.U15)	0.000	0.00	0.010	2705.25	0.010	2705.25	UNDERGRND
in space: SC1ESE Perim Spc (B.ESE8)							
SC1ESE Wall (B.ESE8.U16)	0.000	0.00	0.111	3418.63	0.111	3418.63	UNDERGRND
in space: SC1ESE Perim Spc (B.ESE8)							
SC1Flr (B.C9.U17)	0.000	0.00	0.010	8653.21	0.010	8653.21	UNDERGRND
in space: SC1Core Spc (B.C9)							
SC1Flr (B.C10.U18)	0.000	0.00	0.010	1076.22	0.010	1076.22	UNDERGRND
in space: SC1Core Spc (B.C10)							
SC1Flr (B.C11.U19)	0.000	0.00	0.010	5737.29	0.010	5737.29	UNDERGRND
in space: SC1Core Spc (B.C11)							
CFlr (B.WNW1.U1)	0.000	0.00	0.010	1944.00	0.010	1944.00	UNDERGRND
in space: CWNW Perim Spc (B.WNW1)							
CWNW Wall (B.WNW1.U2)	0.000	0.00	0.111	2530.50	0.111	2530.50	UNDERGRND
in space: CWNW Perim Spc (B.WNW1)							
CFlr (B.NNE2.U3)	0.000	0.00	0.010	2589.42	0.010	2589.42	UNDERGRND
in space: CNNE Perim Spc (B.NNE2)							
CNNE Wall (B.NNE2.U4)	0.000	0.00	0.111	3283.91	0.111	3283.91	UNDERGRND
in space: CNNE Perim Spc (B.NNE2)							
CFlr (B.C3.U5)	0.000	0.00	0.010	946.40	0.010	946.40	UNDERGRND
in space: CCore Spc (B.C3)							
CFlr (B.C4.U6)	0.000	0.00	0.010	7390.86	0.010	7390.86	UNDERGRND
in space: CCore Spc (B.C4)							
CFlr (B.SW5.U7)	0.000	0.00	0.010	984.00	0.010	984.00	UNDERGRND

in space: CSW Perim Spc (B.SW5)

REPORT- LV-D Details of Exterior Surfaces WEATHER FILE- New York CityNY TMY2
(CONTINUED)

SURFACE	- - - W I N D O W S - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	- - - - W A L L - - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	-W A L L + W I N D O W S- U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	AZIMUTH
CSSW Wall (B.SW5.U8)	0.000	0.00	0.111	780.50	0.111	780.50	UNDERGRND
in space: CSW Perim Spc (B.SW5)							
CWNW Wall (B.SW5.U9)	0.000	0.00	0.111	236.25	0.111	236.25	UNDERGRND
in space: CSW Perim Spc (B.SW5)							
CFlr (B.WNW6.U10)	0.000	0.00	0.010	333.75	0.010	333.75	UNDERGRND
in space: CWNW Perim Spc (B.WNW6)							
CWNW Wall (B.WNW6.U11)	0.000	0.00	0.111	389.38	0.111	389.38	UNDERGRND
in space: CWNW Perim Spc (B.WNW6)							
CFlr (B.SSW7.U12)	0.000	0.00	0.010	2033.25	0.010	2033.25	UNDERGRND
in space: CSSW Perim Spc (B.SSW7)							
CSSW Wall (B.SSW7.U13)	0.000	0.00	0.111	2503.38	0.111	2503.38	UNDERGRND
in space: CSSW Perim Spc (B.SSW7)							
CWNW Wall (B.SSW7.U14)	0.000	0.00	0.111	262.50	0.111	262.50	UNDERGRND
in space: CSSW Perim Spc (B.SSW7)							
CFlr (B.ESE8.U15)	0.000	0.00	0.010	2705.25	0.010	2705.25	UNDERGRND
in space: CESE Perim Spc (B.ESE8)							
CESE Wall (B.ESE8.U16)	0.000	0.00	0.111	3418.63	0.111	3418.63	UNDERGRND
in space: CESE Perim Spc (B.ESE8)							
CFlr (B.C9.U17)	0.000	0.00	0.010	8653.21	0.010	8653.21	UNDERGRND
in space: CCore Spc (B.C9)							
CFlr (B.C10.U18)	0.000	0.00	0.010	1076.22	0.010	1076.22	UNDERGRND
in space: CCore Spc (B.C10)							
CFlr (B.C11.U19)	0.000	0.00	0.010	5737.29	0.010	5737.29	UNDERGRND
in space: CCore Spc (B.C11)							
GFlr (G.NW1.U1)	0.000	0.00	0.096	946.40	0.096	946.40	UNDERGRND
in space: GNW Perim Spc (G.NW1)							
GFlr (G.NW2.U2)	0.000	0.00	0.020	2684.87	0.020	2684.87	UNDERGRND
in space: GNW Perim Spc (G.NW2)							
GFlr (G.NNE3.U3)	0.000	0.00	0.077	1231.48	0.077	1231.48	UNDERGRND
in space: GNNE Perim Spc (G.NNE3)							
GFlr (G.SSW4.U4)	0.000	0.00	0.074	367.50	0.074	367.50	UNDERGRND
in space: GSSW Perim Spc (G.SSW4)							
GFlr (G.W5.U5)	0.000	0.00	0.054	837.75	0.054	837.75	UNDERGRND
in space: GWest Perim Spc (G.W5)							
GFlr (G.E6.U6)	0.000	0.00	0.073	917.16	0.073	917.16	UNDERGRND
in space: GEast Perim Spc (G.E6)							
GFlr (G.NNE7.U7)	0.000	0.00	0.017	3191.08	0.017	3191.08	UNDERGRND
in space: GNNE Perim Spc (G.NNE7)							
GFlr (G.W8.U8)	0.000	0.00	0.111	488.10	0.111	488.10	UNDERGRND
in space: GWest Perim Spc (G.W8)							
GFlr (G.SSW9.U9)	0.000	0.00	0.079	998.63	0.079	998.63	UNDERGRND
in space: GSSW Perim Spc (G.SSW9)							
GFlr (G.ESE10.U10)	0.000	0.00	0.055	449.12	0.055	449.12	UNDERGRND
in space: GESE Perim Spc (G.ESE10)							
GFlr (G.ESE11.U11)	0.000	0.00	0.065	2304.75	0.065	2304.75	UNDERGRND
in space: GESE Perim Spc (G.ESE11)							
GFlr (G.SSW12.U12)	0.000	0.00	0.083	1871.25	0.083	1871.25	UNDERGRND
in space: GSSW Perim Spc (G.SSW12)							
GFlr (G.C13.U13)	0.000	0.00	0.010	3143.80	0.010	3143.80	UNDERGRND
in space: GCore Spc (G.C13)							
GFlr (G.C14.U14)	0.000	0.00	0.010	581.17	0.010	581.17	UNDERGRND
in space: GCore Spc (G.C14)							
GFlr (G.NNE15.U15)	0.000	0.00	0.040	2182.50	0.040	2182.50	UNDERGRND

in space: GNNE Perim Spc (G.NNE15)

REPORT- LV-D Details of Exterior Surfaces WEATHER FILE- New York CityNY TMY2
(CONTINUED)

SURFACE	- - - W I N D O W S - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	- - - - W A L L - - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	-W A L L + W I N D O W S- U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	AZIMUTH
GFlr (G.C16.U16)	0.000	0.00	0.010	4376.04	0.010	4376.04	UNDERGRND
in space: GCore Spc (G.C16)							
GFlr (G.C17.U17)	0.000	0.00	0.010	7621.67	0.010	7621.67	UNDERGRND
in space: GCore Spc (G.C17)							

REPORT- LV-D Details of Exterior Surfaces WEATHER FILE- New York CityNY TMY2

(CONTINUED)

	AVERAGE U-VALUE/WINDOWS (BTU/HR-SQFT-F)	AVERAGE U-VALUE/WALLS (BTU/HR-SQFT-F)	AVERAGE U-VALUE WALLS+WINDOWS (BTU/HR-SQFT-F)	WINDOW AREA (SQFT)	WALL AREA (SQFT)	WINDOW+WALL AREA (SQFT)
NORTH	0.508	0.062	0.299	104727.42	91928.71	196656.17
EAST	0.503	0.062	0.215	55544.16	104400.76	159944.95
SOUTH-EAST	0.000	0.062	0.062	0.00	390.40	390.40
SOUTH	0.513	0.062	0.229	71763.50	121922.00	193685.50
SOUTH-WEST	0.420	0.062	0.218	2821.49	3683.55	6505.04
WEST	0.512	0.059	0.206	58641.11	122560.55	181201.63
ROOF	0.000	0.047	0.047	0.00	45692.09	45692.09
ALL WALLS	0.508	0.061	0.239	293497.72	444885.84	738384.13
WALLS+ROOFS	0.508	0.060	0.228	293497.72	490577.91	784076.25
UNDERGRND	0.000	0.040	0.040	0.00	198357.05	198357.05
BUILDING	0.508	0.054	0.190	293497.72	688934.94	982433.25

REPORT- LV-I Details of Constructions WEATHER FILE- New York CityNY TMY2

NUMBER OF CONSTRUCTIONS 23 DELAYED 20 QUICK 3

CONSTRUCTION NAME	U-VALUE (BTU/HR-SQFT-F)	SURFACE ABSORPTANCE	SURFACE ROUGHNESS INDEX	SURFACE TYPE	NUMBER OF RESPONSE FACTORS
EWall Construction	0.064	0.60	1	QUICK	0
Ceilg Construction	0.514	0.70	3	DELAYED	3
IWall Construction	2.700	0.70	3	QUICK	0
IFlr Construction	0.813	0.70	3	DELAYED	5
1MGFlr Construction	0.085	0.70	3	DELAYED	7
SC3UFCons (B.N1.U2)	0.010	0.70	3	DELAYED	43
SC3UWCons (B.N1.U2)	0.194	0.70	3	DELAYED	35
SC2UWCons (B.WNW1.U2)	0.139	0.70	3	DELAYED	38
SC1UWCons (B.WNW1.U2)	0.111	0.70	3	DELAYED	39
GUFCons (G.NW1.U2)	0.096	0.70	3	DELAYED	39
GUFCons (G.NW2.U3)	0.020	0.70	3	DELAYED	42
GUFCons (G.NNE3.U4)	0.077	0.70	3	DELAYED	40
GUFCons (G.SSW4.U5)	0.074	0.70	3	DELAYED	40
GUFCons (G.W5.U6)	0.054	0.70	3	DELAYED	41
GUFCons (G.E6.U7)	0.073	0.70	3	DELAYED	40
GUFCons (G.NNE7.U8)	0.017	0.70	3	DELAYED	43
GUFCons (G.W8.U9)	0.111	0.70	3	DELAYED	39
GUFCons (G.SSW9.U10)	0.079	0.70	3	DELAYED	40
GUFCons (G.ESE10.U11)	0.055	0.70	3	DELAYED	41
GUFCons (G.ESE11.U12)	0.065	0.70	3	DELAYED	41
GUFCons (G.SSW12.U13)	0.083	0.70	3	DELAYED	40
GUFCons (G.NNE15.U16)	0.040	0.70	3	DELAYED	42
Roof Construction	0.048	0.70	3	QUICK	0

REPORT- PS-B Utility and Fuel Use Summary WEATHER FILE- New York CityNY TMY2

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
EM1 ELECTRICITY													
KWH	492829.	408865.	401210.	360188.	419232.	478687.	558314.	531986.	459812.	384531.	363652.	436674.	5295980.
MAX KW	1076.0	1001.3	909.8	873.1	1035.9	1105.8	1190.9	1102.6	1128.5	894.3	889.2	970.2	1190.9
DAY/HR	23/ 9	4/ 9	11/ 9	30/18	10/14	25/13	17/13	27/14	5/13	10/13	22/ 9	4/ 9	7/17
EM2- ELECTRICITY													
KWH	268973.	242824.	272002.	268474.	329749.	388742.	439644.	423673.	375057.	300760.	264316.	270197.	3844411.
MAX KW	701.9	701.9	930.8	977.3	1159.3	1360.9	1414.1	1335.4	1301.9	1030.3	816.3	818.5	1414.1
DAY/HR	23/14	4/13	25/16	30/17	10/14	16/14	1/17	25/14	5/14	10/14	3/16	9/15	7/ 1
EM3- ELECTRICITY													
KWH	161113.	151831.	195085.	231343.	420614.	568890.	661242.	606044.	482594.	266350.	157786.	162888.	4065781.
MAX KW	434.2	460.9	944.0	1151.0	1341.3	1404.6	1601.1	1347.9	1267.9	1008.3	446.7	444.4	1601.1
DAY/HR	22/22	24/20	28/19	30/19	22/19	2/19	1/19	23/19	7/19	9/15	3/20	8/13	7/ 1
DM1 ELECTRICITY													
KWH	58518.	52857.	58518.	56748.	58588.	56608.	58588.	58588.	56608.	58588.	56537.	58518.	689267.
MAX KW	164.1	164.1	164.1	164.1	164.1	164.1	164.1	164.1	164.1	164.1	164.1	164.1	164.1
DAY/HR	1/20	1/20	1/20	1/20	1/20	1/20	1/20	1/20	1/20	1/20	1/20	1/20	1/ 1
EM4 ELECTRICITY													
KWH	4533.	3836.	3892.	3364.	2494.	2193.	2224.	2250.	2246.	2852.	3668.	4183.	37736.
MAX KW	8.8	7.9	7.1	6.6	5.9	4.8	3.1	3.1	5.7	6.5	6.7	7.8	8.8
DAY/HR	23/ 9	4/ 9	1/ 9	2/ 9	7/ 8	1/ 9	1/ 2	1/ 2	20/ 8	31/ 8	22/ 9	4/ 9	1/23
EM5 ELECTRICITY													
KWH	202649.	186318.	212989.	214371.	221947.	215381.	223050.	222878.	215177.	221736.	211290.	207620.	2555406.
MAX KW	297.7	297.7	299.8	299.7	302.7	303.4	303.8	303.4	303.9	302.6	298.5	298.8	303.9
DAY/HR	1/15	1/14	25/16	30/17	22/17	24/11	17/14	27/14	6/10	10/14	4/12	9/16	9/ 6
FM1 NATURAL-GAS													
THERM	78785.	54990.	39127.	17927.	7689.	5244.	4715.	4848.	5082.	11245.	29491.	58625.	317769.
MAX THERM/HR	285.0	219.2	191.1	94.7	55.0	17.0	16.3	15.9	36.8	85.1	156.5	206.4	285.0
DAY/HR	23/ 9	4/ 9	6/ 9	2/ 9	7/ 8	17/ 8	2/ 8	26/ 8	20/ 8	30/ 8	23/ 8	4/ 9	1/23

REPORT- PS-C Equipment Loads and Energy Use WEATHER FILE- New York CityNY TMY2

		COOL LOAD	HEAT LOAD	ELEC USE	FUEL USE		Number of hours within each PART LOAD range										TOTAL
	SUM	(MBTU)	(MBTU)	(KWH)	(MBTU)		00	10	20	30	40	50	60	70	80	90	RUN
MON	PEAK	(KBTU/HR)	(KBTU/HR)	(KW)	(KBTU/HR)		10	20	30	40	50	60	70	80	90	100	+ HOURS
Boiler-Retail-1																	
	SUM		-3028.5	0.0	5242.0	LOAD	1229	678	281	71	37	18	7	2	1	0	0 2324
	PEAK		-9757.2	0.0	12433.4	ELEC	0	0	0	0	0	0	0	0	0	0	0 0
	MON/DAY		1/23	0/ 0	1/23	FUEL	769	849	486	132	43	32	8	4	1	0	0 2324
Boiler-Retail-2																	
	SUM		-1.5	0.0	9.0	LOAD	11	0	0	0	0	0	0	0	0	0	0 11
	PEAK		-369.1	0.0	1684.5	ELEC	0	0	0	0	0	0	0	0	0	0	0 0
	MON/DAY		11/ 7	0/ 0	11/ 7	FUEL	9	2	0	0	0	0	0	0	0	0	0 11
Fake - HP Loop Boiler																	
	SUM		-893.1	0.0	2548.2	LOAD	1205	37	35	0	0	0	0	0	0	0	0 1277
	PEAK		-4536.6	0.0	8875.7	ELEC	0	0	0	0	0	0	0	0	0	0	0 0
	MON/DAY		12/22	0/ 0	12/22	FUEL	1082	143	39	29	0	0	0	0	0	0	0 1293
Boiler-Lower-1																	
	SUM		-4682.9	0.0	7161.9	LOAD	1711	1009	883	602	248	68	15	3	0	0	0 4539
	PEAK		-4345.1	0.0	5668.3	ELEC	0	0	0	0	0	0	0	0	0	0	0 0
	MON/DAY		1/23	0/ 0	1/23	FUEL	1253	1101	936	686	373	146	37	7	0	0	0 4539
Boiler-Upper-1																	
	SUM		-7821.3	0.0	11985.6	LOAD	4212	719	704	700	630	377	164	63	15	6	0 7590
	PEAK		-6067.3	0.0	7617.5	ELEC	0	0	0	0	0	0	0	0	0	0	0 0
	MON/DAY		1/23	0/ 0	1/23	FUEL	3823	842	672	670	671	512	275	81	36	8	0 7590
Boiler-Upper-2																	
	SUM		-12.3	0.0	94.3	LOAD	312	1	0	0	0	0	0	0	0	0	0 313
	PEAK		-695.5	0.0	1143.8	ELEC	0	0	0	0	0	0	0	0	0	0	0 0
	MON/DAY		9/20	0/ 0	9/20	FUEL	304	9	0	0	0	0	0	0	0	0	0 313
Chiller 1																	
	SUM	3410.8	0.0	428522.4		LOAD	7549	758	376	76	0	0	0	0	0	0	0 8759
	PEAK	3679.4	0.0	198.8		ELEC	6094	980	881	636	168	0	0	0	0	0	0 8759
	MON/DAY	7/ 1	0/ 0	7/17													
Chiller 2																	
	SUM	0.0	0.0	0.0		LOAD	0	0	0	0	0	0	0	0	0	0	0 0
	PEAK	0.0	0.0	0.0		ELEC	0	0	0	0	0	0	0	0	0	0	0 0
	MON/DAY	0/ 0	0/ 0	0/ 0													
Cooling Tower - Chiller Plant																	
	SUM	6341.2		14381.3		LOAD	1	0	7380	502	447	73	357	0	0	0	0 8760
	PEAK	4664.2		60.9		ELEC	1170	192	35	2	0	0	0	0	0	0	155 1554
	MON/DAY	7/17		6/16													
Cooling Tower - HP Loop																	
	SUM	30951.9		5630.0		LOAD	0	0	0	0	6702	1	0	0	0	0	0 6703
	PEAK	17955.4		14.2		ELEC	1762	32	0	0	0	0	0	0	0	0	0 1794
	MON/DAY	7/ 1		7/ 1													

REPORT- PS-C Equipment Loads and Energy Use WEATHER FILE- New York CityNY TMY2 (CONTINUED)

Nordstrom Elec DHW Heater															
SUM	-267.0	80767.4		LOAD	2444	1037	708	865	808	1076	705	612	265	240	0	8760
PEAK	-85.6	25.1		ELEC	2179	1214	689	864	837	1065	753	616	269	194	80	8760
MON/DAY	3/ 1	2/ 1														
Lower Res Gas DHW Heater															
SUM	-1757.9	0.0	2368.0	LOAD	0	456	1224	1188	1221	1282	1396	984	664	345	0	8760
PEAK	-373.5	0.0	477.5	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	4/30	0/ 0	1/ 9	FUEL	0	0	1097	1380	1023	1366	1479	1166	641	608	0	8760
Upper Res Gas DHW Heater															
SUM	-1757.9	0.0	2368.0	LOAD	0	456	1224	1188	1221	1282	1396	984	664	345	0	8760
PEAK	-373.5	0.0	477.5	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	4/30	0/ 0	1/ 9	FUEL	0	0	1097	1380	1023	1366	1479	1166	641	608	0	8760
PCHW Pump															
SUM		17258.8		FLOW	6254	718	765	161	176	676	10	0	0	0	0	8760
PEAK		7.5		RPM	0	0	0	0	0	0	7780	222	758	0	0	8760
MON/DAY		9/ 6		ELEC	6488	1336	205	708	23	0	0	0	0	0	0	8760
SCW90 Pump															
SUM		596099.1		FLOW	0	0	0	0	0	0	0	0	0	0	8760	8760
PEAK		68.0		RPM	0	0	0	0	0	0	0	8760	0	0	0	8760
MON/DAY		1/ 1		ELEC	0	0	0	0	8760	0	0	0	0	0	0	8760
Res PCW Pump															
SUM		1229424.1		FLOW	0	0	0	0	0	0	0	0	0	0	8760	8760
PEAK		147.0		RPM	0	0	0	0	0	0	2057	6703	0	0	0	8760
MON/DAY		1/ 1		ELEC	0	0	0	2057	6703	0	0	0	0	0	0	8760
Retail PCW Pump															
SUM		249140.8		FLOW	1	0	0	0	0	8759	0	0	0	0	0	8760
PEAK		28.4		RPM	0	0	0	0	0	0	1	8759	0	0	0	8760
MON/DAY		1/ 1		ELEC	1	0	8759	0	0	0	0	0	0	0	0	8760
Upper Res PHW Pump															
SUM		18933.9		FLOW	6103	2057	486	18	0	0	0	0	0	0	0	8664
PEAK		3.3		RPM	0	0	0	0	0	8664	0	0	0	0	0	8664
MON/DAY		1/23		ELEC	6620	2044	0	0	0	0	0	0	0	0	0	8664
Lower Res PHW Pump															
SUM		5021.4		FLOW	1891	1536	904	232	62	11	6	0	0	0	0	4642
PEAK		1.8		RPM	0	0	0	0	0	4642	0	0	0	0	0	4642
MON/DAY		1/23		ELEC	2296	2346	0	0	0	0	0	0	0	0	0	4642
Retail PHW Pump															
SUM		4431.0		FLOW	2321	157	14	1	0	0	0	0	0	0	0	2493
PEAK		3.0		RPM	0	0	0	0	0	2493	0	0	0	0	0	2493
MON/DAY		1/23		ELEC	0	2493	0	0	0	0	0	0	0	0	0	2493
Upper DHW Res Pump															
SUM		4674.7		FLOW	0	0	0	0	0	0	0	0	0	0	8760	8760
PEAK		0.5		RPM	0	0	0	0	0	0	0	0	0	0	8760	8760
MON/DAY		1/ 1		ELEC	0	0	0	0	0	0	0	0	0	0	8760	8760
Lower DHW Res Pump															
SUM		4674.7		FLOW	0	0	0	0	0	0	0	0	0	0	8760	8760
PEAK		0.5		RPM	0	0	0	0	0	0	0	0	0	0	8760	8760
MON/DAY		1/ 1		ELEC	0	0	0	0	0	0	0	0	0	0	8760	8760

REPORT- PS-C Equipment Loads and Energy Use WEATHER FILE- New York CityNY TMY2
(CONTINUED)

SCW 67 Pump													
SUM	147377.3	FLOW	0	0	0	0	0	0	0	0	0	0	8760	8760
PEAK	16.8	RPM	0	0	0	0	0	0	0	8760	0	0	0	8760
MON/DAY	1/ 1	ELEC	0	0	0	0	8760	0	0	0	0	0	0	8760
SCW 46 Pump													
SUM	316108.6	FLOW	0	0	0	0	0	0	0	0	0	0	8760	8760
PEAK	36.1	RPM	0	0	0	0	0	0	0	8760	0	0	0	8760
MON/DAY	1/ 1	ELEC	0	0	0	0	8760	0	0	0	0	0	0	8760

REPORT- PS-D Circulation Loop Loads WEATHER FILE- New York CityNY TMY2

MON		COIL LOAD (MBTU) (KBTU/HR)	PIPE GAIN (MBTU) (KBTU/HR)	NET LOAD (MBTU) (KBTU/HR)	OVERLOAD (MBTU) (KBTU/HR)		00 10	10 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 +	TOTAL RUN HOURS
PCHW Loop																		
	SUM	3365.8	0.0	3410.8	0.0	COOL	6780	831	489	253	224	121	56	5	0	0	0	8759
	PEAK	3660.5	0.0	3679.4	0.0	FLOW	6254	718	765	161	176	676	10	0	0	0	0	8760
	MON/DAY	7/ 1	0/ 0	7/ 1	0/ 0													
Retail PCW Loop																		
	SUM	5643.4	0.0	6341.2	0.0	COOL	7962	743	55	0	0	0	0	0	0	0	0	8760
	PEAK	4609.4	0.0	4664.2	0.0	FLOW	1	0	0	0	0	8759	0	0	0	0	0	8760
	MON/DAY	7/ 1	0/ 0	7/17	0/ 0													
Upper Res PHW Loop																		
	SUM	-7871.7	0.0	-7833.6	0.0	HEAT	5244	1404	1007	227	21	0	0	0	0	0	0	7903
	PEAK	-6074.7	0.0	-6067.3	0.0	FLOW	6103	2057	486	18	0	0	0	0	0	0	0	8664
	MON/DAY	1/23	0/ 0	1/23	0/ 0													
Lower Res PHW Loop																		
	SUM	-4693.6	0.0	-4682.9	0.0	HEAT	1711	1009	883	602	248	68	15	3	0	0	0	4539
	PEAK	-4347.7	0.0	-4345.1	0.0	FLOW	1891	1536	904	232	62	11	6	0	0	0	0	4642
	MON/DAY	1/23	0/ 0	1/23	0/ 0													
Retail Elec PHW Loop																		
	SUM	-3039.3	0.0	-3030.0	0.0	HEAT	1918	352	55	9	1	0	0	0	0	0	0	2335
	PEAK	-9677.6	0.0	-9757.2	0.0	FLOW	2321	157	14	1	0	0	0	0	0	0	0	2493
	MON/DAY	1/23	0/ 0	1/23	0/ 0													
Upper DHW Res Loop																		
	SUM	-1772.2	0.0	-1757.9	-1.4	HEAT	0	456	1224	1188	1221	1282	1396	984	664	345	0	8760
	PEAK	-384.1	0.0	-373.5	-18.3	FLOW	0	0	0	0	0	0	0	0	3797	4461	502	8760
	MON/DAY	3/ 1	0/ 0	4/30	2/ 4													
Hours overloaded during heating: 128																		
Lower DHW Res Loop																		
	SUM	-1772.2	0.0	-1757.9	-1.4	HEAT	0	456	1224	1188	1221	1282	1396	984	664	345	0	8760
	PEAK	-384.1	0.0	-373.5	-18.3	FLOW	0	0	0	0	0	0	0	0	3797	4461	502	8760
	MON/DAY	3/ 1	0/ 0	4/30	2/ 4													
Hours overloaded during heating: 128																		
Retail DHW Loop																		
	SUM	-267.0	0.0	-267.0	0.0	HEAT	2444	1037	708	865	808	1076	705	612	265	240	0	8760
	PEAK	-85.6	0.0	-85.6	0.0	FLOW	2161	893	730	720	290	1239	554	1013	303	606	251	8760
	MON/DAY	3/ 1	0/ 0	3/ 1	0/ 0													

MON		HEAT LOAD (MBTU) (KBTU/HR)	COOL LOAD (MBTU) (KBTU/HR)	PIPE GAIN (MBTU) (KBTU/HR)	NET LOAD (MBTU) (KBTU/HR)	OVER LOAD (MBTU) (KBTU/HR)		00 10	10 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 +	TOTAL RUN HOURS
Res PCW Loop																			
	SUM	-1387.6	180.4	0.0	-893.1	0.0	HEAT	1205	37	35	0	0	0	0	0	0	0	0	1277
	PEAK	-2712.3	929.5	0.0	-4536.6	0.0	FLOW	0	0	0	0	0	0	0	0	0	0	1277	1277
	MON/DAY	12/22	2/ 4	0/ 0	12/22	0/ 0													
	SUM	-215.4	28315.2	0.0	30951.9	0.0	COOL	3986	1653	1012	52	0	0	0	0	0	0	0	6703
	PEAK	-561.4	17548.0	0.0	17955.4	0.0	FLOW	0	0	0	0	0	0	0	0	0	0	6703	6703
	MON/DAY	2/12	7/ 1	0/ 0	7/ 1	0/ 0													

REPORT- PS-D Circulation Loop Loads WEATHER FILE- New York CityNY TMY2 (CONTINUED)

	SUM	-402.8	218.3	0.0			FLOAT	780										
	PEAK	-1915.6	1503.1	0.0			FLOW	0	0	0	0	0	0	0	0	0	0	780	780
	MON/DAY	2/24	1/ 2	0/ 0															
GRAND TOTAL																			
	SUM	-2005.8	28714.0				FLOW	0	0	0	0	0	0	0	0	0	0	8760	8760
	PEAK	-2712.3	17548.0																
	MON/DAY	12/22	2/12																
__SCW 90 Loop																			
	SUM	-2445.3	49.1	0.0	-1924.8	0.0	HEAT	2960	327	1	0	0	0	0	0	0	0	0	3288
	PEAK	-2807.4	607.9	0.0	-2615.5	0.0	FLOW	0	0	0	0	0	0	0	0	0	0	3288	3288
	MON/DAY	1/23	2/24	0/ 0	1/23	0/ 0													
	SUM	-336.3	12279.4	0.0	13146.0	0.0	COOL	3200	1791	475	6	0	0	0	0	0	0	0	5472
	PEAK	-1138.3	8405.2	0.0	8591.5	0.0	FLOW	0	0	0	0	0	0	0	0	0	0	5472	5472
	MON/DAY	2/24	7/ 1	0/ 0	7/ 1	0/ 0													
	SUM	0.0	0.0	0.0			FLOAT	0											
	PEAK	0.0	0.0	0.0			FLOW	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY	0/ 0	0/ 0	0/ 0															
GRAND TOTAL																			
	SUM	-2781.6	12328.5				FLOW	0	0	0	0	0	0	0	0	0	0	8760	8760
	PEAK	-2807.4	8405.2																
	MON/DAY	1/23	2/24																
__SCW 67 Loop																			
	SUM	0.0	0.7	0.0	-25.5	0.0	HEAT	270	0	0	0	0	0	0	0	0	0	0	270
	PEAK	0.0	141.7	0.0	-252.7	0.0	FLOW	0	0	0	0	0	0	0	0	0	0	270	270
	MON/DAY	0/ 0	3/23	0/ 0	12/15	0/ 0													
	SUM	0.0	4693.1	0.0	5133.2	0.0	COOL	5582	1327	1027	530	24	0	0	0	0	0	0	8490
	PEAK	0.0	3031.7	0.0	3078.6	0.0	FLOW	0	0	0	0	0	0	0	0	0	0	8490	8490
	MON/DAY	0/ 0	7/ 1	0/ 0	7/ 1	0/ 0													
	SUM	0.0	0.0	0.0			FLOAT	0											
	PEAK	0.0	0.0	0.0			FLOW	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY	0/ 0	0/ 0	0/ 0															
GRAND TOTAL																			
	SUM	0.0	4693.8				FLOW	0	0	0	0	0	0	0	0	0	0	8760	8760
	PEAK	0.0	3031.7																
	MON/DAY	0/ 0	0/ 0																
__SCW 46 Loop																			
	SUM	0.0	3.4	0.0	-55.5	0.0	HEAT	278	0	0	0	0	0	0	0	0	0	0	278
	PEAK	0.0	537.5	0.0	-542.1	0.0	FLOW	0	0	0	0	0	0	0	0	0	0	278	278
	MON/DAY	0/ 0	3/19	0/ 0	12/15	0/ 0													
	SUM	-0.4	9488.4	0.0	10434.8	0.0	COOL	5584	1440	1117	337	4	0	0	0	0	0	0	8482
	PEAK	-49.4	5777.3	0.0	5877.9	0.0	FLOW	0	0	0	0	0	0	0	0	0	0	8482	8482
	MON/DAY	1/23	7/ 1	0/ 0	7/ 1	0/ 0													
	SUM	0.0	0.0	0.0			FLOAT	0											
	PEAK	0.0	0.0	0.0			FLOW	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY	0/ 0	0/ 0	0/ 0															
GRAND TOTAL																			
	SUM	-0.4	9491.8				FLOW	0	0	0	0	0	0	0	0	0	0	8760	8760
	PEAK	0.0	5777.3																
	MON/DAY	0/ 0	1/23																

Hours high/low alarm limits exceeded: 0/ 0

Note: The yearly WLHP summaries include three entries each:
1. Data for when the loop is heating dominated, with coincident cooling
2. Data for when the loop is cooling dominated, with coincident heating
3. Data for when the loop is floating, with coincident heating and cooling

REPORT- PS-E Energy End-Use Summary for all Electric Meters WEATHER FILE- New York CityNY TMY2

	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
JAN													
KWH	325408.	4866.	206290.	95329.	27551.	0.	278445.	184065.	35958.	0.	7763.	22938.	1188613.
MAX KW	773.041	12.307	409.320	324.273	221.468	0.000	472.801	298.571	144.210	0.000	24.325	61.660	2355.323
DAY/HR	2/10	2/20	2/10	23/ 8	14/15	0/ 0	23/ 8	14/15	1/ 9	0/ 0	23/13	1/ 1	23/10
PEAK ENDUSE	773.041	9.780	409.320	273.525	30.434	0.000	466.681	289.860	89.870	0.000	12.813	0.000	
PEAK PCT	32.8	0.4	17.4	11.6	1.3	0.0	19.8	12.3	3.8	0.0	0.5	0.0	
FEB													
KWH	293973.	4397.	186346.	66359.	33833.	0.	237294.	163771.	32479.	0.	7363.	20718.	1046531.
MAX KW	773.041	12.307	409.320	262.822	307.618	0.000	458.226	303.829	144.210	0.000	25.084	61.660	2274.762
DAY/HR	1/10	1/20	1/10	4/ 8	24/15	0/ 0	26/10	22/16	1/ 9	0/ 0	1/13	1/ 1	4/10
PEAK ENDUSE	773.041	9.780	409.320	212.523	33.458	0.000	451.445	281.952	89.870	0.000	13.373	0.000	
PEAK PCT	34.0	0.4	18.0	9.3	1.5	0.0	19.8	12.4	4.0	0.0	0.6	0.0	
MAR													
KWH	325408.	4866.	206290.	45641.	70897.	0.	243686.	179805.	35958.	0.	8205.	22938.	1143696.
MAX KW	773.041	12.307	409.320	189.911	1091.594	0.027	454.092	347.479	144.210	0.000	25.084	61.660	2939.198
DAY/HR	1/10	1/20	1/10	1/ 8	25/17	25/16	28/20	28/17	1/ 9	0/ 0	1/13	1/ 1	25/17
PEAK ENDUSE	704.626	7.385	350.764	8.094	1091.594	0.000	315.102	346.688	96.140	0.000	18.804	0.000	
PEAK PCT	24.0	0.3	11.9	0.3	37.1	0.0	10.7	11.8	3.3	0.0	0.6	0.0	
APR													
KWH	317842.	4777.	200660.	19733.	120619.	7.	230054.	175997.	34799.	0.	7805.	22198.	1134489.
MAX KW	773.041	12.307	409.320	128.800	1389.586	2.193	429.297	369.095	144.210	0.000	24.896	61.660	3253.761
DAY/HR	1/10	1/20	1/10	3/ 7	30/17	30/17	3/ 8	30/17	1/ 9	0/ 0	2/13	1/ 2	30/17
PEAK ENDUSE	704.626	7.385	350.764	0.319	1389.586	2.193	315.255	369.095	96.140	0.000	18.398	0.000	
PEAK PCT	21.7	0.2	10.8	0.0	42.7	0.1	9.7	11.3	3.0	0.0	0.6	0.0	
MAY													
KWH	327155.	4906.	206901.	5004.	410922.	576.	233936.	197068.	35958.	0.	7259.	22938.	1452624.
MAX KW	773.041	12.307	409.320	81.521	1885.608	12.417	371.133	393.575	144.210	0.000	22.640	61.660	3789.914
DAY/HR	1/10	1/20	1/10	7/ 8	10/14	22/19	7/20	10/16	1/ 9	0/ 0	6/13	1/ 2	10/14
PEAK ENDUSE	704.626	7.385	350.764	0.000	1885.608	11.269	318.087	389.751	100.320	0.000	22.104	0.000	
PEAK PCT	18.6	0.2	9.3	0.0	49.8	0.3	8.4	10.3	2.6	0.0	0.6	0.0	
JUN													
KWH	314348.	4697.	199438.	444.	694832.	2656.	226540.	204227.	34799.	0.	6321.	22198.	1710501.
MAX KW	773.041	12.307	409.320	12.420	2028.879	72.319	318.910	396.466	144.210	0.000	20.398	61.660	3892.242
DAY/HR	3/10	3/20	3/10	1/ 5	16/15	16/15	24/11	12/16	1/ 9	0/ 0	19/13	1/ 2	25/14
PEAK ENDUSE	704.626	7.385	350.764	0.000	1939.539	69.396	318.691	381.557	100.320	0.000	19.964	0.000	
PEAK PCT	18.1	0.2	9.0	0.0	49.8	1.8	8.2	9.8	2.6	0.0	0.5	0.0	
JUL													
KWH	327155.	4906.	206901.	30.	877605.	7711.	234539.	219400.	35958.	0.	5917.	22938.	1943061.
MAX KW	773.041	12.307	409.320	1.371	2377.422	75.043	319.366	464.773	144.210	0.000	18.457	61.660	4353.509
DAY/HR	1/10	1/20	1/10	5/ 5	1/17	1/17	17/14	17/ 9	1/ 9	0/ 0	3/13	1/ 2	1/17
PEAK ENDUSE	704.626	7.385	350.764	0.000	2377.422	75.043	319.345	409.133	96.140	0.000	13.650	0.000	
PEAK PCT	16.2	0.2	8.1	0.0	54.6	1.7	7.3	9.4	2.2	0.0	0.3	0.0	
AUG													
KWH	327155.	4906.	206901.	211.	788168.	5254.	234393.	213923.	35958.	0.	5612.	22938.	1845419.
MAX KW	773.041	12.307	409.320	4.921	1982.729	72.359	318.915	390.588	144.210	0.000	17.277	61.660	3907.476
DAY/HR	1/10	1/20	1/10	5/ 8	27/15	25/14	27/14	29/17	1/ 9	0/ 0	15/13	1/ 2	27/15
PEAK ENDUSE	704.626	7.385	350.764	0.000	1982.729	71.128	318.852	380.752	77.330	0.000	13.911	0.000	
PEAK PCT	18.0	0.2	9.0	0.0	50.7	1.8	8.2	9.7	2.0	0.0	0.4	0.0	

REPORT- PS-E Energy End-Use Summary for all Electric Meters WEATHER FILE- New York CityNY TMY2
(CONTINUED)

SEP													
KWH	314348.	4697.	199438.	1462.	582159.	3722.	226499.	196886.	34799.	0.	5288.	22198.	1591494.
MAX KW	773.041	12.307	409.320	28.365	1926.935	70.514	402.776	400.861	144.210	0.000	17.214	61.660	3822.447
DAY/HR	3/10	3/20	3/10	25/ 8	4/17	5/14	19/23	6/ 9	1/ 9	0/ 0	20/13	1/ 2	4/17
PEAK ENDUSE	704.626	7.385	350.764	0.000	1926.935	16.233	318.459	389.170	96.140	0.000	12.735	0.000	
PEAK PCT	18.4	0.2	9.2	0.0	50.4	0.4	8.3	10.2	2.5	0.0	0.3	0.0	
OCT													
KWH	327155.	4906.	206901.	12027.	197130.	85.	236011.	185828.	35958.	0.	5880.	22938.	1234818.
MAX KW	773.041	12.307	409.320	104.646	1397.223	4.527	457.491	363.010	144.210	0.000	18.262	61.660	3236.136
DAY/HR	1/10	1/20	1/10	31/ 8	9/15	10/12	25/17	9/15	1/ 9	0/ 0	30/13	1/ 2	9/15
PEAK ENDUSE	704.626	7.385	350.764	0.226	1397.223	3.961	316.964	363.010	77.330	0.000	14.648	0.000	
PEAK PCT	21.8	0.2	10.8	0.0	43.2	0.1	9.8	11.2	2.4	0.0	0.5	0.0	
NOV													
KWH	312601.	4656.	198827.	31298.	43583.	0.	232166.	170900.	34799.	0.	6225.	22198.	1057251.
MAX KW	773.041	12.307	409.320	183.262	440.859	0.000	428.209	310.612	144.210	0.000	20.151	61.660	2264.631
DAY/HR	1/10	1/20	1/10	22/ 7	3/15	0/ 0	21/16	4/14	1/ 9	0/ 0	21/13	1/ 2	4/14
PEAK ENDUSE	704.626	7.385	350.764	22.198	435.080	0.000	313.942	310.612	100.320	0.000	19.705	0.000	
PEAK PCT	31.1	0.3	15.5	1.0	19.2	0.0	13.9	13.7	4.4	0.0	0.9	0.0	
DEC													
KWH	325408.	4866.	206290.	67248.	35382.	0.	253731.	181131.	35958.	0.	7129.	22938.	1140081.
MAX KW	773.041	12.307	409.320	261.642	496.156	0.000	439.600	308.633	144.210	0.000	22.317	61.660	2334.173
DAY/HR	2/10	2/20	2/10	4/ 7	9/14	0/ 0	3/19	9/14	1/ 9	0/ 0	24/13	1/ 1	9/14
PEAK ENDUSE	704.626	7.385	350.764	30.238	496.156	0.000	314.263	308.633	100.320	0.000	21.788	0.000	
PEAK PCT	30.2	0.3	15.0	1.3	21.3	0.0	13.5	13.2	4.3	0.0	0.9	0.0	
KWH	3837956.	57448.	2431182.	344786.	3882681.	20011.	2867293.	2273000.	423382.	0.	80767.	270071.	16488578.
MAX KW	773.041	12.307	409.320	324.273	2377.422	75.043	472.801	464.773	144.210	0.000	25.084	61.660	4353.509
MON/DY	1/ 2	1/ 2	1/ 2	1/23	7/ 1	7/ 1	1/23	7/17	1/ 1	0/ 0	2/ 1	1/ 1	7/ 1
PEAK ENDUSE	704.626	7.385	350.764	0.000	2377.422	75.043	319.345	409.133	96.140	0.000	13.650	0.000	
PEAK PCT	16.2	0.2	8.1	0.0	54.6	1.7	7.3	9.4	2.2	0.0	0.3	0.0	

REPORT- PS-E Energy End-Use Summary for all Fuel Meters WEATHER FILE- New York CityNY TMY2

	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
JAN													
MBTU	0.	0.	0.	7419.	0.	0.	0.	0.	0.	0.	459.	0.	7879.
MAX MBTU/HR	0.0	0.0	0.0	27.6	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	28.5
DAY/HR	0/ 0	0/ 0	0/ 0	23/ 9	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	9/ 8	0/ 0	23/ 9
PEAK ENDUSE	0.0	0.0	0.0	27.6	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	
PEAK PCT	0.0	0.0	0.0	96.9	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	
FEB													
MBTU	0.	0.	0.	5067.	0.	0.	0.	0.	0.	0.	432.	0.	5499.
MAX MBTU/HR	0.0	0.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	21.9
DAY/HR	0/ 0	0/ 0	0/ 0	4/ 9	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/ 8	0/ 0	4/ 9
PEAK ENDUSE	0.0	0.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	
PEAK PCT	0.0	0.0	0.0	95.6	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	
MAR													
MBTU	0.	0.	0.	3435.	0.	0.	0.	0.	0.	0.	477.	0.	3913.
MAX MBTU/HR	0.0	0.0	0.0	18.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	19.1
DAY/HR	0/ 0	0/ 0	0/ 0	6/ 9	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/ 8	0/ 0	6/ 9
PEAK ENDUSE	0.0	0.0	0.0	18.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	
PEAK PCT	0.0	0.0	0.0	95.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	
APR													
MBTU	0.	0.	0.	1343.	0.	0.	0.	0.	0.	0.	450.	0.	1793.
MAX MBTU/HR	0.0	0.0	0.0	8.6	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	9.5
DAY/HR	0/ 0	0/ 0	0/ 0	2/ 9	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/ 8	0/ 0	2/ 9
PEAK ENDUSE	0.0	0.0	0.0	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	
PEAK PCT	0.0	0.0	0.0	90.3	0.0	0.0	0.0	0.0	0.0	0.0	9.7	0.0	
MAY													
MBTU	0.	0.	0.	347.	0.	0.	0.	0.	0.	0.	422.	0.	769.
MAX MBTU/HR	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	5.5
DAY/HR	0/ 0	0/ 0	0/ 0	7/ 8	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	7/ 8	0/ 0	7/ 8
PEAK ENDUSE	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	
PEAK PCT	0.0	0.0	0.0	83.9	0.0	0.0	0.0	0.0	0.0	0.0	16.1	0.0	
JUN													
MBTU	0.	0.	0.	155.	0.	0.	0.	0.	0.	0.	369.	0.	524.
MAX MBTU/HR	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.7
DAY/HR	0/ 0	0/ 0	0/ 0	1/ 6	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	14/ 8	0/ 0	17/ 8
PEAK ENDUSE	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	
PEAK PCT	0.0	0.0	0.0	53.6	0.0	0.0	0.0	0.0	0.0	0.0	46.4	0.0	
JUL													
MBTU	0.	0.	0.	126.	0.	0.	0.	0.	0.	0.	346.	0.	472.
MAX MBTU/HR	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.6
DAY/HR	0/ 0	0/ 0	0/ 0	29/ 4	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	30/ 8	0/ 0	2/ 8
PEAK ENDUSE	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	
PEAK PCT	0.0	0.0	0.0	56.0	0.0	0.0	0.0	0.0	0.0	0.0	44.0	0.0	
AUG													
MBTU	0.	0.	0.	159.	0.	0.	0.	0.	0.	0.	326.	0.	485.
MAX MBTU/HR	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.6
DAY/HR	0/ 0	0/ 0	0/ 0	10/24	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	5/ 8	0/ 0	26/ 8
PEAK ENDUSE	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	
PEAK PCT	0.0	0.0	0.0	57.6	0.0	0.0	0.0	0.0	0.0	0.0	42.4	0.0	

REPORT- PS-E Energy End-Use Summary for all Fuel Meters WEATHER FILE- New York CityNY TMY2 (CONTINUED)

SEP													
MBTU	0.	0.	0.	193.	0.	0.	0.	0.	0.	0.	315.	0.	508.
MAX MBTU/HR	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	3.7
DAY/HR	0/ 0	0/ 0	0/ 0	20/ 8	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	20/ 8	0/ 0	20/ 8
PEAK ENDUSE	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	
PEAK PCT	0.0	0.0	0.0	81.4	0.0	0.0	0.0	0.0	0.0	0.0	18.6	0.0	
OCT													
MBTU	0.	0.	0.	778.	0.	0.	0.	0.	0.	0.	347.	0.	1125.
MAX MBTU/HR	0.0	0.0	0.0	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	8.5
DAY/HR	0/ 0	0/ 0	0/ 0	30/ 8	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	30/ 8	0/ 0	30/ 8
PEAK ENDUSE	0.0	0.0	0.0	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	
PEAK PCT	0.0	0.0	0.0	91.5	0.0	0.0	0.0	0.0	0.0	0.0	8.5	0.0	
NOV													
MBTU	0.	0.	0.	2579.	0.	0.	0.	0.	0.	0.	371.	0.	2949.
MAX MBTU/HR	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	15.7
DAY/HR	0/ 0	0/ 0	0/ 0	23/ 8	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	22/ 8	0/ 0	23/ 8
PEAK ENDUSE	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	
PEAK PCT	0.0	0.0	0.0	95.7	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.0	
DEC													
MBTU	0.	0.	0.	5440.	0.	0.	0.	0.	0.	0.	423.	0.	5862.
MAX MBTU/HR	0.0	0.0	0.0	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	20.6
DAY/HR	0/ 0	0/ 0	0/ 0	4/ 9	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	4/ 8	0/ 0	4/ 9
PEAK ENDUSE	0.0	0.0	0.0	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	
PEAK PCT	0.0	0.0	0.0	96.1	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	
MBTU	0.	0.	0.	27041.	0.	0.	0.	0.	0.	0.	4736.	0.	31777.
MAX MBTU/HR	0.0	0.0	0.0	27.6	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	28.5
MON/DY	0/ 0	0/ 0	0/ 0	1/23	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/ 9	0/ 0	1/23
PEAK ENDUSE	0.0	0.0	0.0	27.6	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	
PEAK PCT	0.0	0.0	0.0	96.9	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	

REPORT- PV-A Plant Design Parameters WEATHER FILE- New York CityNY TMY2

*** CIRCULATION LOOPS ***

	HEATING CAPACITY (MBTU/HR)	COOLING CAPACITY (MBTU/HR)	LOOP FLOW (GAL/MIN)	TOTAL HEAD (FT)	SUPPLY UA PRODUCT (BTU/HR-F)	SUPPLY LOSS DT (F)	RETURN UA PRODUCT (BTU/HR-F)	RETURN LOSS DT (F)	LOOP VOLUME (GAL)	FLUID HEAT CAPACITY (BTU/LB-F)
PCHW Loop	0.000	5.167	856.0	56.6	0.0	0.00	0.0	0.00	1284.0	1.00
Retail PCW Loop	0.000	19.783	3933.2	61.6	0.0	0.00	0.0	0.00	5899.8	1.00
Upper Res PHW Loop	-12.478	0.000	501.6	36.6	0.0	0.00	0.0	0.00	752.4	1.00
Lower Res PHW Loop	-5.858	0.000	235.4	36.6	0.0	0.00	0.0	0.00	353.2	1.00
Retail Elec PHW Loop	-22.152	0.000	887.4	36.6	0.0	0.00	0.0	0.00	1331.1	1.00
Upper DHW Res Loop	-0.382	0.000	38.7	6.4	0.0	0.00	0.0	0.00	58.1	1.00
Lower DHW Res Loop	-0.382	0.000	38.7	6.4	0.0	0.00	0.0	0.00	58.1	1.00
Retail DHW Loop	-0.086	0.000	2.2	0.0	0.0	0.00	0.0	0.00	3.2	1.00
Res PCW Loop	-20.206	49.157	9456.3	51.6	0.0	0.00	0.0	0.00	14184.4	1.00
__SCW 90 Loop	-12.878	27.091	5319.9	41.6	0.0	0.00	0.0	0.00	7979.9	1.00
__SCW 67 Loop	-2.649	6.698	1315.3	41.6	0.0	0.00	0.0	0.00	1972.9	1.00
__SCW 46 Loop	-5.681	14.366	2821.1	41.6	0.0	0.00	0.0	0.00	4231.7	1.00

*** PUMPS ***

ATTACHED TO		FLOW (GAL/MIN)	HEAD (FT)	HEAD SETPOINT (FT)	CAPACITY CONTROL	POWER (KW)	MECHANICAL EFFICIENCY (FRAC)	MOTOR EFFICIENCY (FRAC)
PCHW Pump	2 PUMP(s)							
PCHW Loop PRIMARY LOOP		856.0	75.0	37.6	VFD&STAGED	17.681	0.760	0.900
SCW90 Pump	1 PUMP(s)							
__SCW 90 Loop SECONDARY LOOP		5319.9	125.0	42.6	VAR-SPEED	152.959	0.910	0.900
Res PCW Pump	1 PUMP(s)							
Res PCW Loop		9456.3	150.0	32.6	VAR-SPEED	326.266	0.910	0.900

REPORT- PV-A Plant Design Parameters WEATHER FILE- New York CityNY TMY2 (CONTINUED)

PRIMARY LOOP								
Retail PCW Pump	3 PUMP(s)							
Retail PCW Loop		3933.2	110.0	42.6	VFD&STAGED	99.517	0.910	0.900
PRIMARY LOOP								
Upper Res PHW Pump	1 PUMP(s)							
Upper Res PHW Loop		501.6	205.0	32.6	VAR-SPEED	23.652	0.910	0.900
PRIMARY LOOP								
Lower Res PHW Pump	1 PUMP(s)							
Lower Res PHW Loop		235.4	195.0	32.6	VAR-SPEED	10.560	0.910	0.900
PRIMARY LOOP								
Retail PHW Pump	1 PUMP(s)							
Retail Elec PHW Loop		887.4	80.0	32.6	VAR-SPEED	16.329	0.910	0.900
PRIMARY LOOP								
Upper DHW Res Pump	1 PUMP(s)							
Upper DHW Res Loop		29.0	80.0	0.0	ONE-SPEED	0.534	0.910	0.900
PRIMARY LOOP								
Lower DHW Res Pump	1 PUMP(s)							
Lower DHW Res Loop		29.0	80.0	0.0	ONE-SPEED	0.534	0.910	0.900
PRIMARY LOOP								
SCW 67 Pump	1 PUMP(s)							
__SCW 67 Loop		1315.3	125.0	42.6	VAR-SPEED	37.817	0.910	0.900
SECONDARY LOOP								
SCW 46 Pump	1 PUMP(s)							
__SCW 46 Loop		2821.1	125.0	42.6	VAR-SPEED	81.113	0.910	0.900
SECONDARY LOOP								

*** PRIMARY EQUIPMENT ***

EQUIPMENT TYPE	ATTACHED TO	RATED CAPACITY (MBTU/HR)	FLOW (GAL/MIN)	RATED EIR (FRAC)	RATED HIR (FRAC)	AUXILIARY (KW)
Boiler-Retail-1						
HW-BOILER	Retail Elec PHW Loop	-11.076	443.7	0.000	1.250	0.000
Boiler-Retail-2						
HW-BOILER	Retail Elec PHW Loop	-11.076	443.7	0.000	1.250	0.000
Fake - HP Loop Boiler						
HW-BOILER	Res PCW Loop	-20.206	9456.3	0.000	1.250	0.000
Boiler-Lower-1						
HW-BOILER	Lower Res PHW Loop	-5.858	235.4	0.000	1.250	0.000
Boiler-Upper-1						
HW-BOILER	Upper Res PHW Loop	-6.239	250.8	0.000	1.250	0.000
Boiler-Upper-2						
HW-BOILER	Upper Res PHW Loop	-6.239	250.8	0.000	1.250	0.000
Chiller 1						
ELEC-OPEN-CENT	PCHW Loop	8.379	1378.9	0.162	0.000	0.000

REPORT- PV-A Plant Design Parameters WEATHER FILE- New York CityNY TMY2 (CONTINUED)

	Retail PCW Loop	9.501	1898.8			
Chiller 2						
ELEC-OPEN-CENT	PCHW Loop	8.379	1378.9	0.162	0.000	0.000
	Retail PCW Loop	9.501	1898.8			

*** COOLING TOWERS ***

EQUIPMENT TYPE	ATTACHED TO	CAPACITY (MBTU/HR)	FLOW (GAL/MIN)	NUMBER OF CELLS	FAN POWER PER CELL (KW)	SPRAY PWR PER CELL (KW)	AUXILIARY (KW)
Cooling Tower - Chiller Plant							
OPEN-TWR	Retail PCW Loop	19.783	3953.5	1	60.873	0.000	0.000
Cooling Tower - HP Loop							
OPEN-TWR	Res PCW Loop	49.157	9823.5	1	103.325	0.000	0.000

*** DW-HEATERS ***

EQUIPMENT TYPE	ATTACHED TO	CAPACITY (MBTU/HR)	FLOW (GAL/MIN)	EIR (FRAC)	HIR (FRAC)	AUXILIARY (KW)	TANK (GAL)	TANK UA (BTU/HR-F)
Nordstrom Elec DHW Heater								
ELEC DW-HEATER	Retail DHW Loop	-0.086	2.2	1.000	0.000	0.000	150.0	15.00
Lower Res Gas DHW Heater								
GAS DW-HEATER	Lower DHW Res Loop	-0.382	38.7	0.000	1.250	0.000	600.0	180.00
Upper Res Gas DHW Heater								
GAS DW-HEATER	Upper DHW Res Loop	-0.382	38.7	0.000	1.250	0.000	600.0	180.00

REPORT- SV-A System Design Parameters for SC2 (Retail) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	28708.8	574.	0.278	1420.235	0.609	0.000	0.220	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	31394.	1.00	30.420	2.99	0.0	0.63	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC2WNW Perim Zn (B.WNW1)	2236.	0.	0.000	0.348	622.	0.00	0.00	50.70	-96.58	-30.18	1.
SC2NNE Perim Zn (B.NNE2)	2978.	0.	0.000	0.348	829.	0.00	0.00	67.54	-128.64	-40.20	1.
SC2Core Zn (B.C4)	8499.	0.	0.000	0.348	2365.	0.00	0.00	192.77	-367.18	-114.74	1.
SC2SW Perim Zn (B.SW5)	1132.	0.	0.000	0.348	315.	0.00	0.00	25.66	-48.89	-15.28	1.
SC2Core Zn (B.C9)	9951.	0.	0.000	0.348	2769.	0.00	0.00	225.69	-429.89	-134.34	1.
SC2Core Zn (B.C11)	6598.	0.	0.000	0.348	1836.	0.00	0.00	149.64	-285.03	-89.07	1.
SC2WNW Perim Zn (B.WNW6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
SC2Core Zn (B.C10)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for SC1 (Retail) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	34393.6	688.	0.278	1665.769	0.609	0.000	0.220	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	36843.	1.00	35.701	2.99	0.0	0.63	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC1WNW Perim Zn (B.WNW1)	2236.	0.	0.000	0.348	622.	0.00	0.00	50.70	-60.36	-30.18	1.
SC1NNE Perim Zn (B.NNE2)	2978.	0.	0.000	0.348	829.	0.00	0.00	67.54	-80.40	-40.20	1.
SC1Core Zn (B.C4)	8499.	0.	0.000	0.348	2365.	0.00	0.00	192.77	-229.49	-114.74	1.
SC1SW Perim Zn (B.SW5)	1132.	0.	0.000	0.348	315.	0.00	0.00	25.66	-30.55	-15.28	1.
SC1SSW Perim Zn (B.SSW7)	2338.	0.	0.000	0.348	651.	0.00	0.00	53.03	-63.13	-31.57	1.
SC1ESE Perim Zn (B.ESE8)	3111.	0.	0.000	0.348	866.	0.00	0.00	70.56	-84.00	-42.00	1.
SC1Core Zn (B.C9)	9951.	0.	0.000	0.348	2769.	0.00	0.00	225.69	-268.68	-134.34	1.
SC1Core Zn (B.C11)	6598.	0.	0.000	0.348	1836.	0.00	0.00	149.64	-178.14	-89.07	1.
SC1Core Zn (B.C3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
SC1WNW Perim Zn (B.WNW6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
SC1Core Zn (B.C10)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for Cellar (Retail) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	30278.4	606.	0.198	1955.055	0.618	0.000	0.220	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	47482.	1.00	46.010	2.99	0.0	0.63	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
CWNW Perim Zn (B.WNW1)	2430.	0.	0.000	0.320	622.	0.00	0.00	55.11	-65.61	-32.81	1.
CNNE Perim Zn (B.NNE2)	3237.	0.	0.000	0.320	829.	0.00	0.00	73.41	-87.39	-43.70	1.
CCore Zn (B.C4)	9239.	0.	0.000	0.320	2365.	0.00	0.00	209.53	-249.44	-124.72	1.
CSW Perim Zn (B.SW5)	1230.	0.	0.000	0.320	315.	0.00	0.00	27.90	-33.21	-16.61	1.
CSSW Perim Zn (B.SSW7)	2542.	0.	0.000	0.320	651.	0.00	0.00	57.64	-68.62	-34.31	1.
CCore Zn (B.C9)	21633.	0.	0.000	0.160	2769.	0.00	0.00	490.64	-584.09	-292.05	1.
CCore Zn (B.C11)	7172.	0.	0.000	0.320	1836.	0.00	0.00	162.65	-193.63	-96.82	1.
CCore Zn (B.C3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for Ground (Retail) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	66082.3	638.	0.113	2747.173	0.642	0.000	0.220	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	75076.	1.00	72.749	2.99	0.0	0.63	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
GNW Perim Zn (G.NW2)	12082.	0.	0.000	0.089	859.	0.00	0.00	274.02	-326.21	-188.11	1.
									-31.25	(BASEBOARDS)	
GNNE Perim Zn (G.NNE3)	2771.	0.	0.000	0.178	394.	0.00	0.00	62.84	-74.81	-62.41	1.
									-31.25	(BASEBOARDS)	
GEast Perim Zn (G.E6)	1376.	0.	0.000	0.267	293.	0.00	0.00	31.20	-37.15	-43.57	1.
									-31.25	(BASEBOARDS)	
GWest Perim Zn (G.W8)	1627.	0.	0.000	0.120	156.	0.00	0.00	36.90	-43.93	-46.96	1.
									-31.25	(BASEBOARDS)	
GSSW Perim Zn (G.SSW9)	1498.	0.	0.000	0.267	320.	0.00	0.00	33.97	-40.44	-45.22	1.
									-31.25	(BASEBOARDS)	
GESE Perim Zn (G.ESE10)	1011.	0.	0.000	0.178	144.	0.00	0.00	22.92	-27.28	-38.64	1.
									-31.25	(BASEBOARDS)	
GSSW Perim Zn (G.SSW12)	4949.	0.	0.000	0.151	599.	0.00	0.00	112.25	-133.63	-91.81	1.
									-31.25	(BASEBOARDS)	
GCore Zn (G.C13)	7074.	0.	0.000	0.178	1006.	0.00	0.00	160.43	-190.99	-120.49	1.
									-31.25	(BASEBOARDS)	
GCore Zn (G.C14)	1744.	0.	0.000	0.133	186.	0.00	0.00	39.54	-47.08	-48.54	1.
									-31.25	(BASEBOARDS)	
GNNE Perim Zn (G.NNE15)	9821.	0.	0.000	0.089	698.	0.00	0.00	222.75	-265.17	-157.59	1.
									-31.25	(BASEBOARDS)	
GCore Zn (G.C16)	19692.	0.	0.000	0.089	1400.	0.00	0.00	446.62	-531.69	-290.84	1.
									-31.25	(BASEBOARDS)	
GCore Zn (G.C17)	11432.	0.	0.000	0.267	2439.	0.00	0.00	259.29	-308.68	-179.34	1.
									-31.25	(BASEBOARDS)	
GNW Perim Zn (G.NW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
GSSW Perim Zn (G.SSW4)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
GWest Perim Zn (G.W5)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
GNNE Perim Zn (G.NNE7)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
GPl Zn (G.18)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for 1Mezz (Retail) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	33093.9	662.	0.244	1689.508	0.611	0.000	0.220	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	38701.	1.00	37.501	2.99	0.0	0.63	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
1MNorth Perim Zn (G.N2)	2526.	0.	0.000	0.333	674.	0.00	0.00	57.30	-68.21	-34.11	1.
1MSW Perim Zn (G.SW3)	1808.	0.	0.000	0.333	482.	0.00	0.00	41.01	-48.82	-24.41	1.
1MSSW Perim Zn (G.SSW5)	2697.	0.	0.000	0.333	719.	0.00	0.00	61.17	-72.83	-36.41	1.
1MNNE Perim Zn (G.NNE6)	2652.	0.	0.000	0.333	707.	0.00	0.00	60.15	-71.61	-35.81	1.
1MESE Perim Zn (G.ESE7)	6492.	0.	0.000	0.167	866.	0.00	0.00	147.23	-175.27	-87.64	1.
1MCore Zn (G.C10)	5304.	0.	0.000	0.333	1415.	0.00	0.00	120.30	-143.22	-71.61	1.
1MCore Zn (G.C11)	17221.	0.	0.000	0.333	4592.	0.00	0.00	390.56	-464.96	-232.48	1.
1MNW Perim Zn (G.NW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
1MSW Perim Zn (G.SW4)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
1MCore Zn (G.C9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for 2 (Retail) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	36126.6	723.	0.166	2372.983	0.625	0.000	0.220	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	59964.	1.00	58.105	2.99	0.0	0.63	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
25North Perim Zn (G.N2)	3947.	0.	0.000	0.213	674.	0.00	0.00	89.53	-106.58	-78.29	1.
									-31.25	(BASEBOARDS)	
25SSW Perim Zn (G.SSW5)	5689.	0.	0.000	0.154	703.	0.00	0.00	129.03	-153.61	-101.81	1.
									-31.25	(BASEBOARDS)	
25Core Zn (G.C6)	8671.	0.	0.000	0.267	1850.	0.00	0.00	196.65	-234.11	-142.05	1.
									-31.25	(BASEBOARDS)	
25West Perim Zn (G.W7)	1772.	0.	0.000	0.110	156.	0.00	0.00	40.19	-47.84	-48.92	1.
									-31.25	(BASEBOARDS)	
25SSW Perim Zn (G.SSW8)	2247.	0.	0.000	0.178	320.	0.00	0.00	50.96	-60.67	-55.33	1.
									-31.25	(BASEBOARDS)	
25ESE Perim Zn (G.ESE9)	4473.	0.	0.000	0.133	477.	0.00	0.00	101.46	-120.78	-85.39	1.
									-31.25	(BASEBOARDS)	
25ESE Perim Zn (G.ESE10)	2732.	0.	0.000	0.178	389.	0.00	0.00	61.96	-73.77	-61.88	1.
									-31.25	(BASEBOARDS)	
25NNE Perim Zn (G.NNE11)	4894.	0.	0.000	0.133	522.	0.00	0.00	110.99	-132.13	-91.07	1.
									-31.25	(BASEBOARDS)	
25NNE Perim Zn (G.NNE12)	1737.	0.	0.000	0.133	185.	0.00	0.00	39.40	-46.90	-48.45	1.
									-31.25	(BASEBOARDS)	
25Core Zn (G.C15)	14022.	0.	0.000	0.267	2991.	0.00	0.00	318.03	-378.60	-214.30	1.
									-31.25	(BASEBOARDS)	
25Core Zn (G.C16)	9779.	0.	0.000	0.213	1669.	0.00	0.00	221.79	-264.03	-157.02	1.
									-31.25	(BASEBOARDS)	
25NW Perim Zn (G.NW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
25SSW Perim Zn (G.SSW3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
25West Perim Zn (G.W4)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
25Core Zn (G.C13)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
25Core Zn (G.C14)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for 3-4 (Retail) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	72253.2	1445.	0.115	6340.939	0.641	0.000	0.220	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	172952.	1.00	167.591	2.99	0.0	0.63	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
25North Perim Zn (M.N18)	4737.	0.	0.000	0.178	674.	0.00	0.00	107.43	-127.89	-88.95	2.
									-31.25	(BASEBOARDS)	
25SSW Perim Zn (M.SSW21)	7583.	0.	0.000	0.116	703.	0.00	0.00	171.98	-204.74	-127.37	2.
									-31.25	(BASEBOARDS)	
25Core Zn (M.C22)	17341.	0.	0.000	0.133	1850.	0.00	0.00	393.30	-468.21	-259.11	2.
									-31.25	(BASEBOARDS)	
25West Perim Zn (M.W23)	2273.	0.	0.000	0.086	156.	0.00	0.00	51.55	-61.37	-55.68	2.
									-31.25	(BASEBOARDS)	
25SSW Perim Zn (M.SSW24)	2247.	0.	0.000	0.178	320.	0.00	0.00	50.96	-60.67	-55.33	2.
									-31.25	(BASEBOARDS)	
25ESE Perim Zn (M.ESE25)	4473.	0.	0.000	0.133	477.	0.00	0.00	101.46	-120.78	-85.39	2.
									-31.25	(BASEBOARDS)	
25ESE Perim Zn (M.ESE26)	3643.	0.	0.000	0.133	389.	0.00	0.00	82.62	-98.35	-74.18	2.
									-31.25	(BASEBOARDS)	
25NNE Perim Zn (M.NNE27)	4894.	0.	0.000	0.133	522.	0.00	0.00	110.99	-132.13	-91.07	2.
									-31.25	(BASEBOARDS)	
25NNE Perim Zn (M.NNE28)	2606.	0.	0.000	0.089	185.	0.00	0.00	59.09	-70.35	-60.17	2.
									-31.25	(BASEBOARDS)	
25Core Zn (M.C31)	21034.	0.	0.000	0.178	2991.	0.00	0.00	477.04	-567.91	-308.95	2.
									-31.25	(BASEBOARDS)	
25Core Zn (M.C32)	15646.	0.	0.000	0.133	1669.	0.00	0.00	354.86	-422.45	-236.23	2.
									-31.25	(BASEBOARDS)	
25NW Perim Zn (M.NW17)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
25SSW Perim Zn (M.SSW19)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
25West Perim Zn (M.W20)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
25Core Zn (M.C29)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
25Core Zn (M.C30)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.

REPORT- SV-A System Design Parameters for 5 (Retail) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	36126.6	723.	0.157	2329.636	0.645	0.000	0.220	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	63153.	1.00	32.903	1.61	0.0	0.63	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
25North Perim Zn (T.N34)	4737.	0.	0.000	0.178	674.	0.00	0.00	107.43	-127.89	-88.95	1.
									-31.25	(BASEBOARDS)	
25SSW Perim Zn (T.SSW37)	8785.	0.	0.000	0.100	703.	0.00	0.00	199.25	-237.20	-143.60	1.
									-31.25	(BASEBOARDS)	
25Core Zn (T.C38)	8671.	0.	0.000	0.267	1850.	0.00	0.00	196.65	-234.11	-142.05	1.
									-31.25	(BASEBOARDS)	
25West Perim Zn (T.W39)	2287.	0.	0.000	0.085	156.	0.00	0.00	51.88	-61.76	-55.88	1.
									-31.25	(BASEBOARDS)	
25SSW Perim Zn (T.SSW40)	1498.	0.	0.000	0.267	320.	0.00	0.00	33.97	-40.44	-45.22	1.
									-31.25	(BASEBOARDS)	
25ESE Perim Zn (T.ESE41)	3355.	0.	0.000	0.178	477.	0.00	0.00	76.09	-90.59	-70.29	1.
									-31.25	(BASEBOARDS)	
25ESE Perim Zn (T.ESE42)	3643.	0.	0.000	0.133	389.	0.00	0.00	82.62	-98.35	-74.18	1.
									-31.25	(BASEBOARDS)	
25NNE Perim Zn (T.NNE43)	4638.	0.	0.000	0.141	522.	0.00	0.00	105.20	-125.23	-87.62	1.
									-31.25	(BASEBOARDS)	
25NNE Perim Zn (T.NNE44)	1737.	0.	0.000	0.133	185.	0.00	0.00	39.40	-46.90	-48.45	1.
									-31.25	(BASEBOARDS)	
25Core Zn (T.C47)	14022.	0.	0.000	0.267	2991.	0.00	0.00	318.03	-378.60	-214.30	1.
									-31.25	(BASEBOARDS)	
25Core Zn (T.C48)	9779.	0.	0.000	0.213	1669.	0.00	0.00	221.79	-264.03	-157.02	1.
									-31.25	(BASEBOARDS)	
25NW Perim Zn (T.NW33)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
25SSW Perim Zn (T.SSW35)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
25West Perim Zn (T.W36)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
25Core Zn (T.C45)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
25Core Zn (T.C46)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for HP Low Res WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
HP	1.000	383537.8	271.	0.000	0.000	0.000	0.000	0.302	0.356	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	193996.	0.00	0.000	0.83	0.0	0.00	0.00	BLOW-THRU	CONSTANT	0.00	0.00

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
1519WNW Perim Zn (G.WNW6)	1432.	0.	0.384	1.000	0.	44.10	0.71	32.05	-37.46	-63.53	3.
									-25.00	(BASEBOARDS)	
1519NNE Perim Zn (G.NNE7)	4566.	0.	1.224	1.000	0.	140.65	0.71	102.22	-119.47	-147.87	3.
									-25.00	(BASEBOARDS)	
1519East Perim Zn (G.E8)	1134.	0.	0.304	1.000	0.	34.94	0.71	25.39	-29.68	-55.52	3.
									-25.00	(BASEBOARDS)	
1519ESE Perim Zn (G.ESE9)	981.	0.	0.263	1.000	0.	30.23	0.71	21.97	-25.68	-51.41	3.
									-25.00	(BASEBOARDS)	
1519South Perim Zn (G.S10	576.	0.	0.154	1.000	0.	17.75	0.71	13.07	-15.08	-40.51	3.
									-25.00	(BASEBOARDS)	
1519SSE Perim Zn (G.SSE11	2211.	0.	0.592	1.000	0.	68.11	0.71	49.50	-57.85	-84.50	3.
									-25.00	(BASEBOARDS)	
1519WNW Perim Zn (M.WNW20	1432.	0.	0.384	1.000	0.	44.10	0.71	32.05	-37.46	-63.53	5.
									-25.00	(BASEBOARDS)	
1519NNE Perim Zn (M.NNE21	4566.	0.	1.224	1.000	0.	140.65	0.71	102.22	-119.47	-147.87	5.
									-25.00	(BASEBOARDS)	
1519East Perim Zn (M.E22)	1134.	0.	0.304	1.000	0.	34.94	0.71	25.39	-29.68	-55.52	5.
									-25.00	(BASEBOARDS)	
1519ESE Perim Zn (M.ESE23	981.	0.	0.263	1.000	0.	30.23	0.71	21.97	-25.68	-51.41	5.
									-25.00	(BASEBOARDS)	
1519South Perim Zn (M.S24	610.	0.	0.164	1.000	0.	18.80	0.71	13.84	-15.97	-41.43	5.
									-25.00	(BASEBOARDS)	
1519SSE Perim Zn (M.SSE25	2211.	0.	0.592	1.000	0.	68.11	0.71	49.50	-57.85	-84.50	5.
									-25.00	(BASEBOARDS)	
1519West Perim Zn (M.W26)	1565.	0.	0.419	1.000	0.	48.20	0.71	35.03	-40.94	-67.10	5.
									-25.00	(BASEBOARDS)	
1519WNW Perim Zn (M.WNW27	1220.	0.	0.327	1.000	0.	37.58	0.72	27.31	-31.92	-57.83	5.
									-25.00	(BASEBOARDS)	
1519WNW Perim Zn (T.WNW34	1432.	0.	0.384	1.000	0.	44.10	0.71	32.05	-37.46	-63.53	1.
									-25.00	(BASEBOARDS)	
1519NNE Perim Zn (T.NNE35	4566.	0.	1.224	1.000	0.	140.65	0.71	102.22	-119.47	-147.87	1.
									-25.00	(BASEBOARDS)	
1519East Perim Zn (T.E36)	1134.	0.	0.304	1.000	0.	34.94	0.71	25.39	-29.68	-55.52	1.
									-25.00	(BASEBOARDS)	
1519ESE Perim Zn (T.ESE37	981.	0.	0.263	1.000	0.	30.23	0.71	21.97	-25.68	-51.41	1.
									-25.00	(BASEBOARDS)	
1519South Perim Zn (T.S38	669.	0.	0.179	1.000	0.	20.62	0.71	15.18	-17.52	-43.02	1.
									-25.00	(BASEBOARDS)	
1519SSE Perim Zn (T.SSE39	2211.	0.	0.592	1.000	0.	68.11	0.71	49.50	-57.85	-84.50	1.
									-25.00	(BASEBOARDS)	
1519West Perim Zn (T.W40)	1565.	0.	0.419	1.000	0.	48.20	0.71	35.03	-40.94	-67.10	1.
									-25.00	(BASEBOARDS)	

1519WNW Perim Zn (T.WNW41	1220.	0.	0.327	1.000	0.	37.58	0.72	27.31	-31.92	-57.83	1.
									-25.00	(BASEBOARDS)	
2026East Perim Zn (G.E6)	1134.	0.	0.304	1.000	0.	34.94	0.71	25.39	-29.68	-55.52	1.
									-25.00	(BASEBOARDS)	
2026WNW Perim Zn (G.WNW7)	1432.	0.	0.384	1.000	0.	44.10	0.71	32.05	-37.46	-63.53	1.
									-25.00	(BASEBOARDS)	
2026NNE Perim Zn (G.NNE8)	4566.	0.	1.224	1.000	0.	140.65	0.71	102.22	-119.47	-147.87	1.
									-25.00	(BASEBOARDS)	
2026WNW Perim Zn (G.WNW9)	1220.	0.	0.327	1.000	0.	37.58	0.71	27.31	-31.92	-57.83	1.
									-25.00	(BASEBOARDS)	
2026ESE Perim Zn (G.ESE10	981.	0.	0.263	1.000	0.	30.23	0.71	21.97	-25.68	-51.41	1.
									-25.00	(BASEBOARDS)	
2026SW Perim Zn (G.SW11)	615.	0.	0.165	1.000	0.	18.95	0.71	13.95	-16.10	-41.56	1.
									-25.00	(BASEBOARDS)	
2026SSW Perim Zn (G.SSW12	798.	0.	0.214	1.000	0.	24.59	0.71	17.87	-20.89	-46.48	1.
									-25.00	(BASEBOARDS)	
2026South Perim Zn (G.S13	575.	0.	0.154	1.000	0.	17.70	0.71	13.03	-15.03	-40.46	1.
									-25.00	(BASEBOARDS)	
2026East Perim Zn (M.E20)	1134.	0.	0.304	1.000	0.	34.94	0.71	25.39	-29.68	-55.52	5.
									-25.00	(BASEBOARDS)	
2026WNW Perim Zn (M.WNW21	1432.	0.	0.384	1.000	0.	44.10	0.71	32.05	-37.46	-63.53	5.
									-25.00	(BASEBOARDS)	
2026NNE Perim Zn (M.NNE22	4566.	0.	1.224	1.000	0.	140.65	0.71	102.22	-119.47	-147.87	5.
									-25.00	(BASEBOARDS)	
2026WNW Perim Zn (M.WNW23	1220.	0.	0.327	1.000	0.	37.58	0.71	27.31	-31.92	-57.83	5.
									-25.00	(BASEBOARDS)	
2026ESE Perim Zn (M.ESE24	981.	0.	0.263	1.000	0.	30.23	0.71	21.97	-25.68	-51.41	5.
									-25.00	(BASEBOARDS)	
2026SW Perim Zn (M.SW25)	574.	0.	0.154	1.000	0.	17.69	0.71	13.02	-15.02	-40.45	5.
									-25.00	(BASEBOARDS)	
2026SSW Perim Zn (M.SSW26	798.	0.	0.214	1.000	0.	24.59	0.71	17.87	-20.89	-46.48	5.
									-25.00	(BASEBOARDS)	
2026South Perim Zn (M.S27	515.	0.	0.138	1.000	0.	15.88	0.71	11.69	-13.48	-38.87	5.
									-25.00	(BASEBOARDS)	
2026East Perim Zn (T.E34)	1134.	0.	0.304	1.000	0.	34.94	0.71	25.39	-29.68	-55.52	1.
									-25.00	(BASEBOARDS)	
2026WNW Perim Zn (T.WNW35	1432.	0.	0.384	1.000	0.	44.10	0.70	32.05	-37.46	-63.53	1.
									-25.00	(BASEBOARDS)	
2026NNE Perim Zn (T.NNE36	4566.	0.	1.224	1.000	0.	140.65	0.71	102.22	-119.47	-147.87	1.
									-25.00	(BASEBOARDS)	
2026WNW Perim Zn (T.WNW37	1220.	0.	0.327	1.000	0.	37.58	0.72	27.31	-31.92	-57.83	1.
									-25.00	(BASEBOARDS)	

REPORT- SV-A System Design Parameters for HP Low Res WEATHER FILE- New York CityNY TMY2

(CONTINUED)

2026ESE Perim Zn (T.ESE38	981.	0.	0.263	1.000	0.	30.23	0.71	21.97	-25.68	-51.41	1.
									-25.00 (BASEBOARDS)		
2026SW Perim Zn (T.SW39)	723.	0.	0.194	1.000	0.	22.29	0.71	16.41	-18.93	-44.47	1.
									-25.00 (BASEBOARDS)		
2026SSW Perim Zn (T.SSW40	798.	0.	0.214	1.000	0.	24.59	0.71	17.87	-20.89	-46.48	1.
									-25.00 (BASEBOARDS)		
2026South Perim Zn (T.S41	653.	0.	0.175	1.000	0.	20.10	0.71	14.80	-17.08	-42.56	1.
									-25.00 (BASEBOARDS)		
1519Core Zn (G.C1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
1519Core Zn (G.C2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
1519Core Zn (G.C3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
1519Core Zn (G.C4)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
1519West Perim Zn (G.W12)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
1519WNW Perim Zn (G.WNW13	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
1519Pl Zn (G.14)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
1519Core Zn (M.C15)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
1519Core Zn (M.C16)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
1519Core Zn (M.C17)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
1519Core Zn (M.C18)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
1519Pl Zn (M.28)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
1519Core Zn (T.C29)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
1519Core Zn (T.C30)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
1519Core Zn (T.C31)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
1519Core Zn (T.C32)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
1519Pl Zn (T.42)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Core Zn (G.C1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Core Zn (G.C2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Core Zn (G.C3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Core Zn (G.C4)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Pl Zn (G.14)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Core Zn (M.C15)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
2026Core Zn (M.C16)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
2026Core Zn (M.C17)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
2026Core Zn (M.C18)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
2026Pl Zn (M.28)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
2026Core Zn (T.C29)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Core Zn (T.C30)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Core Zn (T.C31)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Core Zn (T.C32)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Pl Zn (T.42)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

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SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
HP	1.000	303446.3	169.	0.000	0.000	0.000	0.000	0.302	0.356	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	157869.	0.00	0.000	0.83	0.0	0.00	0.00	BLOW-THRU	CONSTANT	0.00	0.00

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
28NNW Perim Zn (G.NNW5)	1649.	0.	0.442	1.000	0.	50.80	0.71	36.92	-43.15	-69.38	1.
									-25.00	(BASEBOARDS)	
28NNE Perim Zn (G.NNE6)	1654.	0.	0.443	1.000	0.	50.94	0.71	37.02	-43.27	-69.50	1.
									-25.00	(BASEBOARDS)	
28East Perim Zn (G.E7)	1134.	0.	0.304	1.000	0.	34.94	0.71	25.39	-29.68	-55.52	1.
									-25.00	(BASEBOARDS)	
28ESE Perim Zn (G.ESE8)	981.	0.	0.263	1.000	0.	30.23	0.71	21.97	-25.68	-51.41	1.
									-25.00	(BASEBOARDS)	
28South Perim Zn (G.S9)	544.	0.	0.146	1.000	0.	16.77	0.71	12.35	-14.24	-39.65	1.
									-25.00	(BASEBOARDS)	
28SSW Perim Zn (G.SSW10)	668.	0.	0.179	1.000	0.	20.59	0.71	14.96	-17.49	-42.98	1.
									-25.00	(BASEBOARDS)	
28SW Perim Zn (G.SW11)	666.	0.	0.179	1.000	0.	20.53	0.71	14.92	-17.44	-42.94	1.
									-25.00	(BASEBOARDS)	
28WNW Perim Zn (G.WNW12)	1427.	0.	0.382	1.000	0.	43.96	0.71	31.95	-37.34	-63.40	1.
									-25.00	(BASEBOARDS)	
2936NNW Perim Zn (M.NNW18	1649.	0.	0.442	1.000	0.	50.80	0.71	36.92	-43.15	-69.38	8.
									-25.00	(BASEBOARDS)	
2936NNE Perim Zn (M.NNE19	1654.	0.	0.443	1.000	0.	50.94	0.71	37.02	-43.27	-69.50	8.
									-25.00	(BASEBOARDS)	
2936East Perim Zn (M.E20)	1134.	0.	0.304	1.000	0.	34.94	0.71	25.39	-29.68	-55.52	8.
									-25.00	(BASEBOARDS)	
2936ESE Perim Zn (M.ESE21	981.	0.	0.263	1.000	0.	30.23	0.71	21.97	-25.68	-51.41	8.
									-25.00	(BASEBOARDS)	
2936South Perim Zn (M.S22	577.	0.	0.155	1.000	0.	17.77	0.71	13.08	-15.09	-40.52	8.
									-25.00	(BASEBOARDS)	
2936SSW Perim Zn (M.SSW23	668.	0.	0.179	1.000	0.	20.59	0.71	14.96	-17.49	-42.98	8.
									-25.00	(BASEBOARDS)	
2936SW Perim Zn (M.SW24)	678.	0.	0.182	1.000	0.	20.90	0.71	15.38	-17.75	-43.26	8.
									-25.00	(BASEBOARDS)	
2936WNW Perim Zn (M.WNW25	1427.	0.	0.382	1.000	0.	43.96	0.71	31.95	-37.34	-63.40	8.
									-25.00	(BASEBOARDS)	
3744NNW Perim Zn (M.NNW18	1649.	0.	0.442	1.000	0.	50.80	0.71	36.92	-43.15	-69.38	8.
									-25.00	(BASEBOARDS)	
3744NNE Perim Zn (M.NNE19	1654.	0.	0.443	1.000	0.	50.94	0.71	37.02	-43.27	-69.50	8.
									-25.00	(BASEBOARDS)	
3744East Perim Zn (M.E20)	1134.	0.	0.304	1.000	0.	34.94	0.71	25.39	-29.68	-55.52	8.
									-25.00	(BASEBOARDS)	
3744ESE Perim Zn (M.ESE21	981.	0.	0.263	1.000	0.	30.23	0.71	21.97	-25.68	-51.41	8.
									-25.00	(BASEBOARDS)	
3744South Perim Zn (M.S22	577.	0.	0.155	1.000	0.	17.77	0.71	13.08	-15.09	-40.52	8.
									-25.00	(BASEBOARDS)	

3744SSW Perim Zn (M.SSW23	668.	0.	0.179	1.000	0.	20.59	0.71	14.96	-17.49	-42.98	8.
									-25.00 (BASEBOARDS)		
3744SW Perim Zn (M.SW24)	681.	0.	0.183	1.000	0.	20.98	0.71	15.45	-17.82	-43.33	8.
									-25.00 (BASEBOARDS)		
3744WNW Perim Zn (M.WNW25	1427.	0.	0.382	1.000	0.	43.96	0.71	31.95	-37.34	-63.40	8.
									-25.00 (BASEBOARDS)		
45NNW Perim Zn (T.NNW31)	1649.	0.	0.442	1.000	0.	50.80	0.71	36.92	-43.15	-69.38	1.
									-25.00 (BASEBOARDS)		
45NNE Perim Zn (T.NNE32)	1654.	0.	0.443	1.000	0.	50.94	0.71	37.02	-43.27	-69.50	1.
									-25.00 (BASEBOARDS)		
45East Perim Zn (T.E33)	1134.	0.	0.304	1.000	0.	34.94	0.71	25.39	-29.68	-55.52	1.
									-25.00 (BASEBOARDS)		
45ESE Perim Zn (T.ESE34)	981.	0.	0.263	1.000	0.	30.23	0.71	21.97	-25.68	-51.41	1.
									-25.00 (BASEBOARDS)		
45South Perim Zn (T.S35)	604.	0.	0.162	1.000	0.	18.61	0.71	13.70	-15.81	-41.26	1.
									-25.00 (BASEBOARDS)		
45SSW Perim Zn (T.SSW36)	668.	0.	0.179	1.000	0.	20.59	0.71	14.96	-17.49	-42.98	1.
									-25.00 (BASEBOARDS)		
45SW Perim Zn (T.SW37)	712.	0.	0.191	1.000	0.	21.92	0.71	16.14	-18.62	-44.15	1.
									-25.00 (BASEBOARDS)		
45WNW Perim Zn (T.WNW38)	1427.	0.	0.382	1.000	0.	43.96	0.71	31.95	-37.34	-63.40	1.
									-25.00 (BASEBOARDS)		
28Core Zn (G.C1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
28Core Zn (G.C2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
28Core Zn (G.C3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
28Pl Zn (G.13)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2936Core Zn (M.C14)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
2936Core Zn (M.C15)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
2936Core Zn (M.C16)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
2936Pl Zn (M.26)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.

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3744Core Zn (M.C14)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
3744Core Zn (M.C15)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
3744Core Zn (M.C16)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
3744Pl Zn (M.26)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
45Core Zn (T.C27)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
45Core Zn (T.C28)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
45Core Zn (T.C29)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
45Pl Zn (T.39)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

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SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
HP	1.000	317636.8	174.	0.000	0.000	0.000	0.000	0.302	0.356	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	164047.	0.00	0.000	0.83	0.0	0.00	0.00	BLOW-THRU	CONSTANT	0.00	0.00

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
47NNW Perim Zn (G.NNW1)	1338.	0.	0.359	1.000	0.	41.22	0.71	29.96	-35.02	-61.01	1.
									-25.00	(BASEBOARDS)	
47West Perim Zn (G.W2)	1641.	0.	0.440	1.000	0.	50.54	0.71	36.73	-42.93	-69.15	1.
									-25.00	(BASEBOARDS)	
47SW Perim Zn (G.SW3)	519.	0.	0.139	1.000	0.	15.99	0.71	11.77	-13.59	-38.97	1.
									-25.00	(BASEBOARDS)	
47SSW Perim Zn (G.SSW4)	852.	0.	0.228	1.000	0.	26.26	0.71	19.09	-22.31	-47.94	1.
									-25.00	(BASEBOARDS)	
47SSE Perim Zn (G.SSE5)	592.	0.	0.159	1.000	0.	18.24	0.71	13.43	-15.49	-40.93	1.
									-25.00	(BASEBOARDS)	
47ESE Perim Zn (G.ESE6)	981.	0.	0.263	1.000	0.	30.23	0.71	21.97	-25.68	-51.41	1.
									-25.00	(BASEBOARDS)	
47ENE Perim Zn (G.ENE7)	740.	0.	0.198	1.000	0.	22.80	0.71	16.57	-19.36	-44.92	1.
									-25.00	(BASEBOARDS)	
47NE Perim Zn (G.NE8)	1392.	0.	0.373	1.000	0.	42.90	0.71	31.18	-36.44	-62.47	1.
									-25.00	(BASEBOARDS)	
47Core Zn (G.C12)	654.	0.	0.175	1.000	0.	20.15	0.71	14.65	-17.12	-42.61	1.
									-25.00	(BASEBOARDS)	
4856NNW Perim Zn (M.NNW14	1338.	0.	0.359	1.000	0.	41.22	0.71	29.96	-35.02	-61.01	9.
									-25.00	(BASEBOARDS)	
4856West Perim Zn (M.W15)	1641.	0.	0.440	1.000	0.	50.54	0.71	36.73	-42.93	-69.15	9.
									-25.00	(BASEBOARDS)	
4856SW Perim Zn (M.SW16)	577.	0.	0.155	1.000	0.	17.78	0.71	13.09	-15.10	-40.53	9.
									-25.00	(BASEBOARDS)	
4856SSW Perim Zn (M.SSW17	852.	0.	0.228	1.000	0.	26.26	0.71	19.09	-22.31	-47.94	9.
									-25.00	(BASEBOARDS)	
4856SSE Perim Zn (M.SSE18	650.	0.	0.174	1.000	0.	20.02	0.71	14.74	-17.01	-42.49	9.
									-25.00	(BASEBOARDS)	
4856ESE Perim Zn (M.ESE19	981.	0.	0.263	1.000	0.	30.23	0.71	21.97	-25.68	-51.41	9.
									-25.00	(BASEBOARDS)	
4856ENE Perim Zn (M.ENE20	740.	0.	0.198	1.000	0.	22.80	0.71	16.57	-19.36	-44.92	9.
									-25.00	(BASEBOARDS)	
4856NE Perim Zn (M.NE21)	1392.	0.	0.373	1.000	0.	42.90	0.71	31.18	-36.44	-62.47	9.
									-25.00	(BASEBOARDS)	
5765NNW Perim Zn (M.NNW14	1338.	0.	0.359	1.000	0.	41.22	0.71	29.96	-35.02	-61.01	9.
									-25.00	(BASEBOARDS)	
5765West Perim Zn (M.W15)	1641.	0.	0.440	1.000	0.	50.54	0.71	36.73	-42.93	-69.15	9.
									-25.00	(BASEBOARDS)	
5765SW Perim Zn (M.SW16)	579.	0.	0.155	1.000	0.	17.85	0.71	13.14	-15.16	-40.59	9.
									-25.00	(BASEBOARDS)	
5765SSW Perim Zn (M.SSW17	852.	0.	0.228	1.000	0.	26.26	0.71	19.09	-22.31	-47.94	9.
									-25.00	(BASEBOARDS)	

5765SSE Perim Zn (M.SSE18	650.	0.	0.174	1.000	0.	20.02	0.71	14.74	-17.01	-42.49	9.
									-25.00 (BASEBOARDS)		
5765ESE Perim Zn (M.ESE19	981.	0.	0.263	1.000	0.	30.23	0.71	21.97	-25.68	-51.41	9.
									-25.00 (BASEBOARDS)		
5765ENE Perim Zn (M.ENE20	740.	0.	0.198	1.000	0.	22.80	0.71	16.57	-19.36	-44.92	9.
									-25.00 (BASEBOARDS)		
5765NE Perim Zn (M.NE21)	1392.	0.	0.373	1.000	0.	42.90	0.71	31.18	-36.44	-62.47	9.
									-25.00 (BASEBOARDS)		
66NNW Perim Zn (T.NNW27)	1338.	0.	0.359	1.000	0.	41.22	0.71	29.96	-35.02	-61.01	1.
									-25.00 (BASEBOARDS)		
66West Perim Zn (T.W28)	1641.	0.	0.440	1.000	0.	50.54	0.71	36.73	-42.93	-69.15	1.
									-25.00 (BASEBOARDS)		
66SW Perim Zn (T.SW29)	601.	0.	0.161	1.000	0.	18.52	0.71	13.63	-15.73	-41.18	1.
									-25.00 (BASEBOARDS)		
66SSW Perim Zn (T.SSW30)	852.	0.	0.228	1.000	0.	26.26	0.71	19.09	-22.31	-47.94	1.
									-25.00 (BASEBOARDS)		
66SSE Perim Zn (T.SSE31)	672.	0.	0.180	1.000	0.	20.71	0.71	15.25	-17.59	-43.09	1.
									-25.00 (BASEBOARDS)		
66ESE Perim Zn (T.ESE32)	981.	0.	0.263	1.000	0.	30.23	0.71	21.97	-25.68	-51.41	1.
									-25.00 (BASEBOARDS)		
66ENE Perim Zn (T.ENE33)	740.	0.	0.198	1.000	0.	22.80	0.71	16.57	-19.36	-44.92	1.
									-25.00 (BASEBOARDS)		
66NE Perim Zn (T.NE34)	1392.	0.	0.373	1.000	0.	42.90	0.71	31.18	-36.44	-62.47	1.
									-25.00 (BASEBOARDS)		
47Core Zn (G.C9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
47Core Zn (G.C10)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
47Core Zn (G.C11)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
47Pl Zn (G.13)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
4856Core Zn (M.C22)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
4856Core Zn (M.C23)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
4856Core Zn (M.C24)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.

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4856Pl Zn (M.26)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
5765Core Zn (M.C22)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
5765Core Zn (M.C23)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
5765Core Zn (M.C24)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
5765Pl Zn (M.26)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
66Core Zn (T.C35)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
66Core Zn (T.C36)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
66Core Zn (T.C37)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
66Pl Zn (T.39)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for HP Upper Res WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
HP	1.000	336974.5	152.	0.000	0.000	0.000	0.000	0.302	0.356	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	178491.	0.00	0.000	0.83	0.0	0.00	0.00	BLOW-THRU	CONSTANT	0.00	0.00

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
68NNW Perim Zn (G.NNW1)	1193.	0.	0.320	1.000	0.	36.76	0.71	27.06	-31.23	-57.11	1.
									-25.00	(BASEBOARDS)	
68NE Perim Zn (G.NE2)	1469.	0.	0.394	1.000	0.	45.27	0.71	32.90	-38.45	-64.54	1.
									-25.00	(BASEBOARDS)	
68ESE Perim Zn (G.ESE3)	434.	0.	0.116	1.000	0.	13.39	0.70	9.85	-11.38	-36.69	1.
									-25.00	(BASEBOARDS)	
68West Perim Zn (G.W4)	1554.	0.	0.417	1.000	0.	47.89	0.71	34.80	-40.68	-66.83	1.
									-25.00	(BASEBOARDS)	
68SW Perim Zn (G.SW5)	572.	0.	0.153	1.000	0.	17.61	0.71	12.97	-14.96	-40.38	1.
									-25.00	(BASEBOARDS)	
68South Perim Zn (G.S6)	852.	0.	0.228	1.000	0.	26.26	0.71	19.09	-22.31	-47.94	1.
									-25.00	(BASEBOARDS)	
68ESE Perim Zn (G.ESE9)	298.	0.	0.080	1.000	0.	9.23	0.70	6.67	-7.84	-33.02	1.
									-25.00	(BASEBOARDS)	
68DBWNW Perim Zn (G.WNW1)	4888.	0.	1.310	1.000	0.	150.59	0.71	110.86	-127.91	-156.55	1.
									-25.00	(BASEBOARDS)	
69NNW Perim Zn (G.NNW1)	1196.	0.	0.321	1.000	0.	36.86	0.71	27.14	-31.31	-57.20	1.
									-25.00	(BASEBOARDS)	
69NE Perim Zn (G.NE2)	1469.	0.	0.394	1.000	0.	45.27	0.71	32.90	-38.45	-64.54	1.
									-25.00	(BASEBOARDS)	
69ESE Perim Zn (G.ESE3)	435.	0.	0.117	1.000	0.	13.41	0.70	9.86	-11.39	-36.70	1.
									-25.00	(BASEBOARDS)	
69West Perim Zn (G.W4)	1554.	0.	0.417	1.000	0.	47.89	0.71	34.80	-40.68	-66.83	1.
									-25.00	(BASEBOARDS)	
69SW Perim Zn (G.SW5)	567.	0.	0.152	1.000	0.	17.48	0.71	12.87	-14.84	-40.27	1.
									-25.00	(BASEBOARDS)	
69South Perim Zn (G.S6)	852.	0.	0.228	1.000	0.	26.26	0.71	19.09	-22.31	-47.94	1.
									-25.00	(BASEBOARDS)	
70NNW Perim Zn (G.NNW1)	1170.	0.	0.314	1.000	0.	36.04	0.71	26.19	-30.61	-56.48	1.
									-25.00	(BASEBOARDS)	
70West Perim Zn (G.W2)	1520.	0.	0.407	1.000	0.	46.83	0.71	34.03	-39.78	-65.91	1.
									-25.00	(BASEBOARDS)	
70SW Perim Zn (G.SW3)	449.	0.	0.120	1.000	0.	13.83	0.71	10.05	-11.75	-37.08	1.
									-25.00	(BASEBOARDS)	
70South Perim Zn (G.S4)	1061.	0.	0.284	1.000	0.	32.68	0.71	23.75	-27.76	-53.55	1.
									-25.00	(BASEBOARDS)	
70NE Perim Zn (G.NE5)	589.	0.	0.158	1.000	0.	18.15	0.71	13.19	-15.41	-40.85	1.
									-25.00	(BASEBOARDS)	
70ENE Perim Zn (G.ENE6)	1593.	0.	0.427	1.000	0.	49.09	0.71	35.68	-41.70	-67.88	1.
									-25.00	(BASEBOARDS)	
70SE Perim Zn (G.SE7)	990.	0.	0.265	1.000	0.	30.49	0.71	22.16	-25.90	-51.64	1.
									-25.00	(BASEBOARDS)	

70Core Zn (G.C8)	212.	0.	0.057	1.000	0.	6.54	0.71	4.75	-5.56	-30.71	1.
									-25.00 (BASEBOARDS)		
7179NNW Perim Zn (M.NNW13	1170.	0.	0.314	1.000	0.	36.04	0.71	26.19	-30.61	-56.48	9.
									-25.00 (BASEBOARDS)		
7179West Perim Zn (M.W14)	1520.	0.	0.407	1.000	0.	46.83	0.71	34.03	-39.78	-65.91	9.
									-25.00 (BASEBOARDS)		
7179SW Perim Zn (M.SW15)	496.	0.	0.133	1.000	0.	15.29	0.71	11.25	-12.99	-38.35	9.
									-25.00 (BASEBOARDS)		
7179South Perim Zn (M.S16	1061.	0.	0.284	1.000	0.	32.68	0.71	23.75	-27.76	-53.55	9.
									-25.00 (BASEBOARDS)		
7179NE Perim Zn (M.NE17)	589.	0.	0.158	1.000	0.	18.15	0.71	13.19	-15.41	-40.85	9.
									-25.00 (BASEBOARDS)		
7179ENE Perim Zn (M.ENE18	1593.	0.	0.427	1.000	0.	49.09	0.71	35.68	-41.70	-67.88	9.
									-25.00 (BASEBOARDS)		
7179SE Perim Zn (M.SE19)	990.	0.	0.265	1.000	0.	30.49	0.71	22.16	-25.90	-51.64	9.
									-25.00 (BASEBOARDS)		
8087NNW Perim Zn (M.NNW13	1178.	0.	0.316	1.000	0.	36.30	0.71	26.73	-30.84	-56.71	8.
									-25.00 (BASEBOARDS)		
8087West Perim Zn (M.W14)	1520.	0.	0.407	1.000	0.	46.83	0.71	34.03	-39.78	-65.91	8.
									-25.00 (BASEBOARDS)		
8087SW Perim Zn (M.SW15)	498.	0.	0.134	1.000	0.	15.35	0.71	11.30	-13.04	-38.41	8.
									-25.00 (BASEBOARDS)		
8087South Perim Zn (M.S16	1061.	0.	0.284	1.000	0.	32.68	0.71	23.75	-27.76	-53.55	8.
									-25.00 (BASEBOARDS)		
8087NE Perim Zn (M.NE17)	589.	0.	0.158	1.000	0.	18.15	0.71	13.19	-15.41	-40.85	8.
									-25.00 (BASEBOARDS)		
8087ENE Perim Zn (M.ENE18	1593.	0.	0.427	1.000	0.	49.09	0.71	35.68	-41.70	-67.88	8.
									-25.00 (BASEBOARDS)		
8087SE Perim Zn (M.SE19)	990.	0.	0.265	1.000	0.	30.49	0.71	22.16	-25.90	-51.64	8.
									-25.00 (BASEBOARDS)		
88NNW Perim Zn (T.NNW25)	1175.	0.	0.315	1.000	0.	36.21	0.71	26.66	-30.76	-56.63	1.
									-25.00 (BASEBOARDS)		
88West Perim Zn (T.W26)	1520.	0.	0.407	1.000	0.	46.83	0.71	34.03	-39.78	-65.91	1.
									-25.00 (BASEBOARDS)		
88SW Perim Zn (T.SW27)	518.	0.	0.139	1.000	0.	15.95	0.71	11.74	-13.55	-38.93	1.
									-25.00 (BASEBOARDS)		
88South Perim Zn (T.S28)	1061.	0.	0.284	1.000	0.	32.68	0.71	23.75	-27.76	-53.55	1.
									-25.00 (BASEBOARDS)		
88NE Perim Zn (T.NE29)	589.	0.	0.158	1.000	0.	18.15	0.71	13.19	-15.41	-40.85	1.
									-25.00 (BASEBOARDS)		
88ENE Perim Zn (T.ENE30)	1593.	0.	0.427	1.000	0.	49.09	0.71	35.68	-41.70	-67.88	1.
									-25.00 (BASEBOARDS)		

REPORT- SV-A System Design Parameters for HP Upper Res WEATHER FILE- New York CityNY TMY2

(CONTINUED)

88SE Perim Zn (T.SE31)	990.	0.	0.265	1.000	0.	30.49	0.71	22.16	-25.90	-51.64	1.
									-25.00 (BASEBOARDS)		
89NNW Perim Zn (G.NNW1)	1204.	0.	0.323	1.000	0.	37.09	0.71	27.30	-31.50	-57.40	2.
									-25.00 (BASEBOARDS)		
89NE Perim Zn (G.NE2)	589.	0.	0.158	1.000	0.	18.15	0.71	13.19	-15.41	-40.85	2.
									-25.00 (BASEBOARDS)		
89ESE Perim Zn (G.ESE3)	825.	0.	0.221	1.000	0.	25.40	0.71	18.46	-21.58	-47.19	2.
									-25.00 (BASEBOARDS)		
89West Perim Zn (G.W4)	1607.	0.	0.431	1.000	0.	49.51	0.71	35.98	-42.05	-68.25	2.
									-25.00 (BASEBOARDS)		
89SW Perim Zn (G.SW5)	568.	0.	0.152	1.000	0.	17.49	0.71	12.87	-14.85	-40.28	2.
									-25.00 (BASEBOARDS)		
89South Perim Zn (G.S6)	1153.	0.	0.309	1.000	0.	35.52	0.71	25.81	-30.17	-56.03	2.
									-25.00 (BASEBOARDS)		
89DBWNW Perim Zn (G.WNW1)	4010.	0.	1.075	1.000	0.	123.55	0.71	90.95	-104.94	-132.92	2.
									-25.00 (BASEBOARDS)		
68Core Zn (G.C7)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
68Core Zn (G.C8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
68Pl Zn (G.11)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
68DBPl Zn (G.2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
69Core Zn (G.C7)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
69Core Zn (G.C8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
69ESE Perim Zn (G.ESE9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
69Pl Zn (G.11)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
70Core Zn (G.C9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
70Core Zn (G.C10)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
70Pl Zn (G.12)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
7179Core Zn (M.C20)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
7179Core Zn (M.C21)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
7179Core Zn (M.C22)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
7179Pl Zn (M.24)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
8087Core Zn (M.C20)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
8087Core Zn (M.C21)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
8087Core Zn (M.C22)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
8087Pl Zn (M.24)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
88Core Zn (T.C32)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
88Core Zn (T.C33)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
88Core Zn (T.C34)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
88Pl Zn (T.36)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
89Core Zn (G.C7)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
89Core Zn (G.C8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
89ESE Perim Zn (G.ESE9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
89Pl Zn (G.11)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
89DBPl Zn (G.2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.

REPORT- SV-A System Design Parameters for AC-SC3-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	311.1	1.	0.700	23.682	0.660	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	551.	1.00	0.172	0.96	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC3ESE Perim Zn (B.ESE7)	551.	0.	0.000	0.226	385.	0.00	0.00	12.49	-11.89	-7.43	1.

REPORT- SV-A System Design Parameters for AC-SC3-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	483.5	2.	0.001	51.369	0.754	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1613.	1.00	0.571	1.09	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC3Core Zn (B.C6)	1613.	0.	0.000	0.120	0.	0.00	0.00	36.58	-34.84	-21.78	1.

REPORT- SV-A System Design Parameters for AC-SC3-3 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	396.9	2.	0.700	23.727	0.660	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	552.	1.00	0.172	0.96	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC3Core Zn (B.C3)	241.	0.	0.000	0.288	168.	0.00	0.00	5.46	-5.20	-3.25	1.
SC3Core Zn (B.C5)	311.	0.	0.000	0.288	218.	0.00	0.00	7.05	-6.72	-4.20	1.

REPORT- SV-A System Design Parameters for AC-SC3-4 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	15940.2	64.	0.790	199.000	0.656	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	4539.	1.00	1.697	1.16	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC3SSW Perim Zn (B.SSW2)	4439.	0.	0.000	0.711	3507.	0.00	0.00	100.68	-136.37	-85.23	1.
SC3Core Zn (B.C4)	100.	0.	0.000	0.711	79.	0.00	0.00	2.26	-3.06	-1.91	1.
SC3North Perim Zn (B.N1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-SC2-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	946.4	19.	0.540	34.402	0.664	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	802.	1.00	0.336	1.29	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC2Core Zn (B.C3)	802.	0.	0.000	0.472	433.	0.00	0.00	18.19	-17.32	-10.83	1.

REPORT- SV-A System Design Parameters for AC-SC2-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	4738.5	95.	0.880	176.302	0.656	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	4016.	1.00	1.213	0.93	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC2SSW Perim Zn (B.SSW7)	1723.	0.	0.000	0.472	1516.	0.00	0.00	39.08	-37.22	-23.26	1.
SC2ESE Perim Zn (B.ESE8)	2293.	0.	0.000	0.472	2018.	0.00	0.00	52.00	-49.52	-30.95	1.

REPORT- SV-A System Design Parameters for AC-C-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	2705.3	54.	0.250	124.645	0.667	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	3003.	1.00	1.904	1.96	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
CESE Perim Zn (B.ESE8)	3003.	0.	0.000	0.360	751.	0.00	0.00	68.10	-64.86	-40.54	1.

REPORT- SV-A System Design Parameters for AC-C-2 & AC-C-3 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	1410.0	28.	1.000	39.034	0.651	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	880.	1.00	0.275	0.96	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
CCore Zn (B.C10)	880.	0.	0.000	1.000	880.	0.00	0.00	19.96	-38.02	-23.76	1.
CWNW Perim Zn (B.WNW6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-1-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	5336.8	107.	1.000	336.745	0.638	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	7000.	1.00	7.924	3.50	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
GESE Perim Zn (G.ESE11)	2647.	0.	0.000	1.000	2647.	0.00	0.00	60.03	-114.35	-71.47	1.
1MCore Zn (G.C8)	4353.	0.	0.000	1.000	4353.	0.00	0.00	98.73	-188.05	-117.53	1.

REPORT- SV-A System Design Parameters for AC-6-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	70592.2	35.	0.000	404.706	0.739	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	12274.	1.00	5.941	1.50	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCCore Zn (G.C10)	4528.	0.	0.000	0.335	0.	0.00	0.00	102.69	-97.80	-61.12	1.
6MCCore Zn (G.C8)	7747.	0.	0.000	0.252	0.	0.00	0.00	175.69	-167.33	-104.58	1.
6MCPl Zn (G.11)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
Thermal Zone 555	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-6-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	2836.6	11.	0.750	50.279	0.655	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1135.	1.00	0.549	1.50	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCWSW Perim Zn (G.WSW1)	1135.	0.	0.000	1.000	851.	0.00	0.00	25.73	-49.02	-30.64	1.

REPORT- SV-A System Design Parameters for AC-7-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	2055.5	8.	0.990	44.530	0.648	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	987.	1.00	0.478	1.50	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCNorth Perim Zn (G.N2)	987.	0.	0.000	0.833	977.	0.00	0.00	22.38	-35.52	-22.20	1.

REPORT- SV-A System Design Parameters for AC-7-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	801.8	3.	1.000	42.771	0.650	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	960.	1.00	0.340	1.09	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCNW Perim Zn (G.NW3)	960.	0.	0.000	1.000	960.	0.00	0.00	21.77	-41.47	-25.92	1.

REPORT- SV-A System Design Parameters for AC-7-3 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	1936.7	8.	0.001	38.917	0.718	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1107.	1.00	0.404	1.13	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCSSW Perim Zn (G.SSW6)	1107.	0.	0.000	0.700	0.	0.00	0.00	25.11	-33.47	-20.92	1.

REPORT- SV-A System Design Parameters for AC-7-4 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	17861.5	103.	1.000	720.733	0.638	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	15000.	1.00	16.785	3.46	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCCore Zn (G.C7)	9226.	0.	0.000	1.000	9226.	0.00	0.00	209.24	-398.55	-249.09	1.
8AWSW Perim Zn (G.WSW2)	3689.	0.	0.000	1.000	3689.	0.00	0.00	83.66	-159.35	-99.59	1.
8ACore Zn (G.C4)	530.	0.	0.000	1.000	530.	0.00	0.00	12.03	-22.91	-14.32	1.
8ANNE Perim Zn (G.NNE5)	334.	0.	0.000	1.000	334.	0.00	0.00	7.57	-14.42	-9.01	1.
8ANNE Perim Zn (G.NNE7)	233.	0.	0.000	1.000	233.	0.00	0.00	5.27	-10.05	-6.28	1.
8ASW Perim Zn (G.SW9)	563.	0.	0.000	1.000	563.	0.00	0.00	12.77	-24.32	-15.20	1.
8AESE Perim Zn (G.ESE12)	426.	0.	0.000	1.000	426.	0.00	0.00	9.67	-18.41	-11.51	1.
6MC New Zn	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
8ANW Perim Zn (G.NW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
8ANNE Perim Zn (G.NNE3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
8ACore Zn (G.C6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
8ACore Zn (G.C8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
8AWSW Perim Zn (G.WSW10)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
8ASSW Perim Zn (G.SSW11)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-7-5 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	36307.3	145.	1.000	634.535	0.636	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	13000.	1.00	16.783	3.99	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCNNE Perim Zn (G.NNE4)	2539.	0.	0.000	1.000	2539.	0.00	0.00	57.59	-109.70	-68.56	1.
10ASSW Perim Zn (G.SSW2)	155.	0.	0.000	1.000	155.	0.00	0.00	3.52	-6.70	-4.19	1.
10AESE Perim Zn (G.ESE4)	1313.	0.	0.000	1.000	1313.	0.00	0.00	29.78	-56.73	-35.45	1.
10ASSW Perim Zn (G.SSW7)	7270.	0.	0.000	1.000	7270.	0.00	0.00	164.88	-314.06	-196.28	1.
10AENE Perim Zn (G.ENE9)	1723.	0.	0.000	1.000	1723.	0.00	0.00	39.07	-74.42	-46.51	1.
6MCESE Perim Zn (G.ESE5)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10AWNW Perim Zn (G.WNW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10ACore Zn (G.C3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10ACore Zn (G.C5)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10AESE Perim Zn (G.ESE6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10APl Zn (G.10)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MWNW Perim Zn (G.WNW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MSSW Perim Zn (G.SSW2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MCore Zn (G.C3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MESE Perim Zn (G.ESE4)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MCore Zn (G.C5)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MESE Perim Zn (G.ESE6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MSSW Perim Zn (G.SSW7)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MNorth Perim Zn (G.N8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MENE Perim Zn (G.ENE9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
6MCCore Zn (G.C9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-9-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	17378.2	68.	0.001	39.964	0.734	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1193.	1.00	0.435	1.13	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
8MCNNE Perim Zn (G.NNE1)	1193.	0.	0.000	0.237	0.	0.00	0.00	27.06	-25.77	-16.11	1.
8MCSSW Perim Zn (G.SSW2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCNNE Perim Zn (G.NNE1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCWNW Perim Zn (G.WNW2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCSW Perim Zn (G.SW3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCSSW Perim Zn (G.SSW4)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCWSW Perim Zn (G.WSW5)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCSE Perim Zn (G.SE6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCCore Zn (G.C7)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCCore Zn (G.C8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCCore Zn (G.C9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCCore Zn (G.C10)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11DBWNW Perim Zn (G.WNW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-9-1 (pool) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	3626.4	36.	0.170	400.531	0.670	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	10009.	1.00	8.007	2.47	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
10ANorth Perim Zn (G.N8)	10009.	0.	0.000	0.145	1701.	0.00	0.00	227.00	-216.19	-135.12	1.

REPORT- SV-A System Design Parameters for AC-27-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	11098.6	47.	0.000	97.140	0.727	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	2846.	1.00	1.067	1.16	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
27MCCore Zn (G.C1)	106.	0.	0.000	0.678	0.	0.00	0.00	2.41	-3.11	-1.94	1.
27MCCore Zn (G.C2)	108.	0.	0.000	0.678	0.	0.00	0.00	2.46	-3.17	-1.98	1.
27MCCore Zn (G.C3)	138.	0.	0.000	0.678	0.	0.00	0.00	3.12	-4.03	-2.52	1.
27MCCore Zn (G.C4)	103.	0.	0.000	0.678	0.	0.00	0.00	2.33	-3.01	-1.88	1.
27MCCore Zn (G.C5)	385.	0.	0.000	0.678	0.	0.00	0.00	8.74	-11.29	-7.05	1.
27MCEast Perim Zn (G.E6)	582.	0.	0.000	0.678	0.	0.00	0.00	13.20	-17.04	-10.65	1.
27MCESE Perim Zn (G.ESE10	503.	0.	0.000	0.678	0.	0.00	0.00	11.42	-14.75	-9.22	1.
27MCSW Perim Zn (G.SW11)	275.	0.	0.000	0.678	0.	0.00	0.00	6.24	-8.06	-5.04	1.
27MCSSW Perim Zn (G.SSW12	410.	0.	0.000	0.678	0.	0.00	0.00	9.29	-12.00	-7.50	1.
27MCSouth Perim Zn (G.S13	235.	0.	0.000	0.678	0.	0.00	0.00	5.33	-6.89	-4.30	1.
27MCWNW Perim Zn (G.WNW7)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
27MCNNE Perim Zn (G.NNE8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
27MCWNW Perim Zn (G.WNW9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-46-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	17511.2	35.	0.000	93.064	0.740	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	2827.	1.00	1.060	1.16	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
46MCCore Zn (T.C27)	186.	0.	0.000	0.395	0.	0.00	0.00	4.22	-4.02	-2.51	1.
46MCCore Zn (T.C28)	236.	0.	0.000	0.395	0.	0.00	0.00	5.36	-5.10	-3.19	1.
46MCCore Zn (T.C29)	176.	0.	0.000	0.395	0.	0.00	0.00	4.00	-3.81	-2.38	1.
46MCCore Zn (T.C30)	661.	0.	0.000	0.395	0.	0.00	0.00	15.00	-14.28	-8.93	1.
46MCSSW Perim Zn (T.SSW36	784.	0.	0.000	0.296	0.	0.00	0.00	17.79	-16.94	-10.59	1.
46MCSW Perim Zn (T.SW37)	782.	0.	0.000	0.296	0.	0.00	0.00	17.74	-16.90	-10.56	1.
46MCNNW Perim Zn (T.NNW31	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
46MCNNE Perim Zn (T.NNE32	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
46MCEast Perim Zn (T.E33)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
46MCESE Perim Zn (T.ESE34	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
46MCSouth Perim Zn (T.S35	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
46MCWNW Perim Zn (T.WNW38	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
46MCPl Zn (T.39)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-67-1 and AC-67-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	8211.1	33.	0.620	243.688	0.662	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	5677.	1.00	2.129	1.16	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
67MCSW Perim Zn (G.SW3)	424.	0.	0.000	0.396	263.	0.00	0.00	9.61	-9.15	-5.72	1.
67MCSSW Perim Zn (G.SSW4)	749.	0.	0.000	0.396	464.	0.00	0.00	16.98	-16.17	-10.11	1.
67MCSSE Perim Zn (G.SSE5)	514.	0.	0.000	0.396	318.	0.00	0.00	11.65	-11.09	-6.93	1.
67MCESE Perim Zn (G.ESE6)	862.	0.	0.000	0.396	534.	0.00	0.00	19.55	-18.62	-11.64	1.
67MCENE Perim Zn (G.ENE7)	650.	0.	0.000	0.396	403.	0.00	0.00	14.74	-14.04	-8.77	1.
67MCNE Perim Zn (G.NE8)	1223.	0.	0.000	0.396	758.	0.00	0.00	27.74	-26.41	-16.51	1.
67MCCore Zn (G.C9)	185.	0.	0.000	0.396	115.	0.00	0.00	4.21	-4.01	-2.50	1.
67MCCore Zn (G.C10)	235.	0.	0.000	0.396	146.	0.00	0.00	5.33	-5.08	-3.17	1.
67MCCore Zn (G.C11)	575.	0.	0.000	0.396	356.	0.00	0.00	13.03	-12.41	-7.76	1.
67MCCore Zn (G.C12)	262.	0.	0.000	0.396	162.	0.00	0.00	5.93	-5.65	-3.53	1.
67MCNNW Perim Zn (G.NNW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
67MCWest Perim Zn (G.W2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-95-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	4916.5	21.	0.000	175.878	0.754	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	5506.	1.00	1.266	0.71	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
91West Perim Zn (G.W4)	1565.	0.	0.000	0.357	0.	0.00	0.00	35.50	-33.81	-21.13	1.
91SW Perim Zn (G.SW5)	437.	0.	0.000	0.357	0.	0.00	0.00	9.92	-9.44	-5.90	1.
91South Perim Zn (G.S6)	1123.	0.	0.000	0.357	0.	0.00	0.00	25.47	-24.25	-15.16	1.
91Core Zn (G.C7)	261.	0.	0.000	0.357	0.	0.00	0.00	5.93	-5.64	-3.53	1.
91Core Zn (G.C8)	207.	0.	0.000	0.357	0.	0.00	0.00	4.69	-4.47	-2.79	1.
91Core Zn (G.C9)	290.	0.	0.000	0.357	0.	0.00	0.00	6.58	-6.27	-3.92	1.
91ESE Perim Zn (G.ESE11)	1623.	0.	0.000	0.357	0.	0.00	0.00	36.81	-35.06	-21.91	1.

REPORT- SV-A System Design Parameters for AC-95-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	4498.6	13.	0.000	240.572	0.763	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	7698.	1.00	1.709	0.69	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
92West Perim Zn (G.W4)	2795.	0.	0.000	0.200	0.	0.00	0.00	63.39	-60.37	-37.73	1.
92South Perim Zn (G.S6)	2005.	0.	0.000	0.200	0.	0.00	0.00	45.47	-43.31	-27.07	1.
92ESE Perim Zn (G.ESE11)	2899.	0.	0.000	0.200	0.	0.00	0.00	65.74	-62.61	-39.13	1.
92SW Perim Zn (G.SW5)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
92Core Zn (G.C9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-96-1 & AC-96-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	14195.9	16.	0.000	903.716	0.766	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	29160.	1.00	7.115	0.75	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
92Core Zn (G.C7)	802.	0.	0.000	0.116	0.	0.00	0.00	18.19	-17.32	-10.83	1.
92Core Zn (G.C8)	802.	0.	0.000	0.092	0.	0.00	0.00	18.20	-17.33	-10.83	1.
93MERZn	13778.	0.	0.000	0.200	0.	0.00	0.00	312.49	-297.60	-186.00	2.

REPORT- SV-A System Design Parameters for RCS-11-1 (corridor) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	5878.0	6.	1.000	384.960	0.398	-397.156	0.322	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	3000.	1.00	2.796	2.88	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
1519Core Zn (M.C19)	517.	0.	0.000	1.000	517.	0.00	0.00	11.17	0.00	-1.68	5.
1519Core Zn (G.C5)	103.	0.	0.000	1.000	103.	0.00	0.00	2.23	0.00	1.90	3.
1519Core Zn (T.C33)	103.	0.	0.000	1.000	103.	0.00	0.00	2.23	0.00	1.90	1.

REPORT- SV-A System Design Parameters for RCS-26-1 (corridor) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	4571.8	5.	1.000	394.306	0.388	-406.797	0.322	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	3000.	1.00	2.796	2.88	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
2026Core Zn (G.C5)	1453.	0.	0.000	1.000	1453.	0.00	0.00	31.39	0.00	-4.71	1.
2026Core Zn (M.C19)	258.	0.	0.000	1.000	258.	0.00	0.00	5.57	0.00	4.73	5.
2026Core Zn (T.C33)	258.	0.	0.000	1.000	258.	0.00	0.00	5.57	0.00	4.73	1.

REPORT- SV-A System Design Parameters for RCS-26-2 (corridor) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	11756.0	12.	1.000	394.306	0.388	-406.797	0.322	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	3000.	1.00	2.796	2.88	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
28Core Zn (G.C4)	747.	0.	0.000	1.000	747.	0.00	0.00	16.13	0.00	-2.42	1.
2936Core Zn (M.C17)	133.	0.	0.000	1.000	133.	0.00	0.00	2.86	0.00	2.43	8.
3744Core Zn (M.C17)	133.	0.	0.000	1.000	133.	0.00	0.00	2.86	0.00	2.43	8.
45Core Zn (T.C30)	133.	0.	0.000	1.000	133.	0.00	0.00	2.86	0.00	2.43	1.

REPORT- SV-A System Design Parameters for RCS-45-1 (corridor) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	10808.6	11.	1.000	492.882	0.388	-508.497	0.322	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	3750.	1.00	3.495	2.88	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
4856Core Zn (M.C25)	350.	0.	0.000	1.000	350.	0.00	0.00	7.57	0.00	-1.14	9.
5765Core Zn (M.C25)	60.	0.	0.000	1.000	60.	0.00	0.00	1.29	0.00	1.10	9.
66Core Zn (T.C38)	60.	0.	0.000	1.000	60.	0.00	0.00	1.29	0.00	1.10	1.

REPORT- SV-A System Design Parameters for RCS-92-1 (corridor) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	15364.7	45.	1.000	525.741	0.388	-538.527	0.320	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	4000.	1.00	3.728	2.88	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
8087Core Zn (M.C23)	356.	0.	0.000	1.000	356.	0.00	0.00	7.69	0.00	-1.15	8.
68Core Zn (G.C10)	61.	0.	0.000	1.000	61.	0.00	0.00	1.31	0.00	1.11	1.
69Core Zn (G.C10)	61.	0.	0.000	1.000	61.	0.00	0.00	1.31	0.00	1.11	1.
70Core Zn (G.C11)	61.	0.	0.000	1.000	61.	0.00	0.00	1.31	0.00	1.11	1.
7179Core Zn (M.C23)	61.	0.	0.000	1.000	61.	0.00	0.00	1.31	0.00	1.11	9.
88Core Zn (T.C35)	61.	0.	0.000	1.000	61.	0.00	0.00	1.31	0.00	1.11	1.
89Core Zn (G.C10)	61.	0.	0.000	1.000	61.	0.00	0.00	1.31	0.00	1.11	2.
90Core Zn (G.C10)	61.	0.	0.000	1.000	61.	0.00	0.00	1.31	0.00	1.11	2.
91Core Zn (G.C10)	61.	0.	0.000	1.000	61.	0.00	0.00	1.31	0.00	1.11	1.
92Core Zn (G.C10)	61.	0.	0.000	1.000	61.	0.00	0.00	1.31	0.00	1.11	1.

REPORT- SV-A System Design Parameters for ERU-11-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	10000.0	0.	1.000	1970.103	0.391	-2003.516	0.318	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	14500.	1.00	19.474	4.15	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
ERU-11-1 Zn	14500.	0.	0.000	1.000	14500.	0.00	0.00	328.86	0.00	-234.90	1.

REPORT- SV-A System Design Parameters for ERU-27-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	10000.0	0.	1.000	1358.692	0.391	-1381.735	0.318	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	10000.	1.00	13.430	4.15	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
ERU-27-1 Zn	10000.	0.	0.000	1.000	10000.	0.00	0.00	226.80	0.00	-162.00	1.

REPORT- SV-A System Design Parameters for ERU-27-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	10000.0	0.	1.000	1358.692	0.391	-1381.735	0.318	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	10000.	1.00	13.430	4.15	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
ERU-27-2 Zn	10000.	0.	0.000	1.000	10000.	0.00	0.00	226.80	0.00	-162.00	1.

REPORT- SV-A System Design Parameters for ERU-46-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	10000.0	0.	1.000	1358.692	0.391	-1381.735	0.318	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	10000.	1.00	13.430	4.15	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
ERU-46-1 Zn	10000.	0.	0.000	1.000	10000.	0.00	0.00	226.80	0.00	-162.00	1.

REPORT- SV-A System Design Parameters for ERU-46-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	10000.0	0.	1.000	1630.430	0.391	-1658.082	0.318	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	12000.	1.00	16.116	4.15	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
ERU-46-2 Zn	12000.	0.	0.000	1.000	12000.	0.00	0.00	272.16	0.00	-194.40	1.

REPORT- SV-A System Design Parameters for ERU-67-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	10000.0	0.	1.000	1630.430	0.391	-1658.082	0.318	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	12000.	1.00	16.116	4.15	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
ERU-67-1 Zn	12000.	0.	0.000	1.000	12000.	0.00	0.00	272.16	0.00	-194.40	1.

REPORT- SV-A System Design Parameters for ERU-67-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	10000.0	0.	1.000	1630.430	0.391	-1658.082	0.318	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	12000.	1.00	16.116	4.15	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
ERU-67-2 Zn	12000.	0.	0.000	1.000	12000.	0.00	0.00	272.16	0.00	-194.40	1.

REPORT- SV-A System Design Parameters for ERU-91-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	10000.0	0.	1.000	1630.430	0.391	-1658.082	0.318	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	12000.	1.00	16.116	4.15	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
ERU-91-1 Zn	12000.	0.	0.000	1.000	12000.	0.00	0.00	272.16	0.00	-194.40	1.

REPORT- SV-A System Design Parameters for Penthouse Fan Coil WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	43345.2	16.	0.000	530.664	0.803	0.000	0.279	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	18525.	1.00	9.651	1.61	0.0	0.63	0.00	DRAW-THRU	BY USER	1.10	0.30
RETURN	18525.	1.00	9.651	1.61	0.0	0.63	0.70	RETURN	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
90NNW Perim Zn (G.NNW1)	1083.	0.	0.000	0.348	0.	0.00	0.00	24.56	-29.24	-39.62	2.
									-31.25	(BASEBOARDS)	
90NE Perim Zn (G.NE2)	589.	0.	0.000	0.348	0.	0.00	0.00	13.36	-15.90	-32.95	2.
									-31.25	(BASEBOARDS)	
90ESE Perim Zn (G.ESE3)	825.	0.	0.000	0.348	0.	0.00	0.00	18.70	-22.26	-36.13	2.
									-31.25	(BASEBOARDS)	
90West Perim Zn (G.W4)	1607.	0.	0.000	0.348	0.	0.00	0.00	36.45	-43.39	-46.70	2.
									-31.25	(BASEBOARDS)	
90SW Perim Zn (G.SW5)	568.	0.	0.000	0.275	0.	0.00	0.00	12.87	-15.33	-32.66	2.
									-31.25	(BASEBOARDS)	
90South Perim Zn (G.S6)	1153.	0.	0.000	0.348	0.	0.00	0.00	26.15	-31.13	-40.56	2.
									-31.25	(BASEBOARDS)	
91NNW Perim Zn (G.NNW1)	1624.	0.	0.000	0.232	0.	0.00	0.00	36.84	-43.86	-46.93	1.
									-31.25	(BASEBOARDS)	
91NE Perim Zn (G.NE2)	782.	0.	0.000	0.262	0.	0.00	0.00	17.72	-21.10	-35.55	1.
									-31.25	(BASEBOARDS)	
91Core Zn (G.C3)	825.	0.	0.000	0.348	0.	0.00	0.00	18.70	-22.26	-36.13	1.
									-31.25	(BASEBOARDS)	
92NNW Perim Zn (G.NNW1)	1624.	0.	0.000	0.232	0.	0.00	0.00	36.84	-43.86	-46.93	1.
									-31.25	(BASEBOARDS)	
92NE Perim Zn (G.NE2)	785.	0.	0.000	0.261	0.	0.00	0.00	17.81	-21.20	-35.60	1.
									-31.25	(BASEBOARDS)	
92Core Zn (G.C3)	1237.	0.	0.000	0.232	0.	0.00	0.00	28.05	-33.40	-41.70	1.
									-31.25	(BASEBOARDS)	
90Core Zn (G.C7)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
90Core Zn (G.C8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
90ESE Perim Zn (G.ESE9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
90Pl Zn (G.11)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
91Pl Zn (G.12)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
92Pl Zn (G.12)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- BEPS Building Energy Performance WEATHER FILE- New York CityNY TMY2

	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
EM1 ELECTRICITY													
MBTU	1663.0	194.2	1530.9	294.2	1483.7	73.8	883.7	6571.5	1445.0	0.0	275.6	920.2	15335.7
EM2- ELECTRICITY													
MBTU	6945.8	0.0	2970.7	0.0	2722.3	0.0	0.0	678.3	0.0	0.0	0.0	0.0	13317.0
EM3- ELECTRICITY													
MBTU	4019.4	1.9	1451.7	72.7	5152.5	0.0	0.0	381.9	0.0	0.0	0.0	0.0	11080.0
DM1 ELECTRICITY													
MBTU	0.0	0.0	2352.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2352.4
EM4 ELECTRICITY													
MBTU	0.0	0.0	0.0	0.0	0.0	0.0	129.9	0.0	0.0	0.0	0.0	0.0	129.9
EM5 ELECTRICITY													
MBTU	0.0	0.0	0.0	0.0	0.0	0.0	12159.0	0.0	0.0	0.0	0.0	0.0	12159.0
FM1 NATURAL-GAS													
MBTU	0.0	0.0	4646.1	23472.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28118.9
MBTU	12628.1	196.1	12951.8	23839.6	9358.4	73.8	13172.5	7631.7	1445.0	0.0	275.6	920.2	82493.0

TOTAL SITE ENERGY 82493.01 MBTU 70.7 KBTU/SQFT-YR GROSS-AREA 70.7 KBTU/SQFT-YR NET-AREA
TOTAL SOURCE ENERGY 191241.42 MBTU 163.8 KBTU/SQFT-YR GROSS-AREA 163.8 KBTU/SQFT-YR NET-AREA

PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF THROTTLING RANGE = 0.63
PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED = 0.00
HOURS ANY ZONE ABOVE COOLING THROTTLING RANGE = 5
HOURS ANY ZONE BELOW HEATING THROTTLING RANGE = 50

NOTE: ENERGY IS APPORTIONED HOURLY TO ALL END-USE CATEGORIES.

REPORT- BEPU Building Utility Performance WEATHER FILE- New York CityNY TMY2

	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
EM1 ELECTRICITY													
KWH	487246.	56896.	448552.	86187.	434711.	21633.	258915.	1925445.	423382.	0.	80759.	269633.	4493364.
EM2- ELECTRICITY													
KWH	2035109.	0.	870404.	0.	797621.	0.	0.	198751.	0.	0.	0.	0.	3901893.
EM3- ELECTRICITY													
KWH	1177675.	552.	425345.	21293.	1509691.	0.	0.	111897.	0.	0.	0.	0.	3246450.
DM1 ELECTRICITY													
KWH	0.	0.	689267.	0.	0.	0.	0.	0.	0.	0.	0.	0.	689267.
EM4 ELECTRICITY													
KWH	0.	0.	0.	0.	0.	0.	38057.	0.	0.	0.	0.	0.	38057.
EM5 ELECTRICITY													
KWH	0.	0.	0.	0.	0.	0.	3562583.	0.	0.	0.	0.	0.	3562583.
FM1 NATURAL-GAS													
THERM	0.	0.	46461.	234728.	0.	0.	0.	0.	0.	0.	0.	0.	281189.

TOTAL ELECTRICITY	15931613.	KWH	13.647	KWH	/SQFT-YR GROSS-AREA	13.647 KWH /SQFT-YR NET-AREA
TOTAL NATURAL-GAS	281189.	THERM	0.241	THERM	/SQFT-YR GROSS-AREA	0.241 THERM /SQFT-YR NET-AREA

PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF THROTTLING RANGE = 0.63
PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED = 0.00
HOURS ANY ZONE ABOVE COOLING THROTTLING RANGE = 5
HOURS ANY ZONE BELOW HEATING THROTTLING RANGE = 50

NOTE: ENERGY IS APPORTIONED HOURLY TO ALL END-USE CATEGORIES.

REPORT- ES-D Energy Cost Summary WEATHER FILE- New York CityNY TMY2

UTILITY-RATE	RESOURCE	METERS	METERED ENERGY UNITS/YR	TOTAL CHARGE ($)	VIRTUAL RATE ($/UNIT)	RATE USED ALL YEAR?
ConEd SC9	ELECTRICITY	EM1 EM2- EM4 EM5	11995894. KWH	2424400.	0.2021	YES
Gas Rate ConEd SC3	NATURAL-GAS	FM1	281189. THERM	299316.	1.0645	YES
ConEd SC1-Rate I	ELECTRICITY	EM3-	3246450. KWH	702084.	0.2163	YES
				3425800.		

ENERGY COST/GROSS BLDG AREA: 2.93
ENERGY COST/NET BLDG AREA: 2.93

REPORT- LV-B Summary of Spaces WEATHER FILE- New York CityNY TMY2

NUMBER OF SPACES 529 EXTERIOR 334 INTERIOR 195

SPACE	SPACE*FLOOR MULTIPLIER	SPACE TYPE	AZIM	LIGHTS (WATT / SQFT)	PEOPLE	EQUIP (WATT / SQFT)	INFILTRATION METHOD	ACH	AREA (SQFT)	VOLUME (CUFT)
Spaces on floor: SC3Below-Grade Flr										
SC3North Perim Spc (B.N1)	1.0	INT	90.0	0.88	31.5	0.25	NO-INFILT.	0.00	7871.5	78714.5
SC3SSW Perim Spc (B.SSW2)	1.0	INT	0.0	0.88	31.6	0.25	NO-INFILT.	0.00	7891.8	78917.5
SC3Core Spc (B.C3)	1.0	INT	0.0	0.88	0.7	0.25	NO-INFILT.	0.00	173.1	1731.3
SC3Core Spc (B.C4)	1.0	INT	0.0	0.88	0.7	0.25	NO-INFILT.	0.00	177.0	1770.0
SC3Core Spc (B.C5)	1.0	INT	0.0	0.88	0.9	0.25	NO-INFILT.	0.00	223.8	2237.5
SC3Core Spc (B.C6)	1.0	INT	0.0	0.88	1.9	0.25	NO-INFILT.	0.00	483.5	4835.0
SC3ESE Perim Spc (B.ESE7)	1.0	INT	-90.0	0.88	1.2	0.25	NO-INFILT.	0.00	311.1	3111.3
Spaces on floor: SC2Below-Grade Flr										
SC2WNW Perim Spc (B.WNW1)	1.0	INT	90.0	1.70	38.9	1.00	NO-INFILT.	0.00	1944.0	27216.0
SC2NNE Perim Spc (B.NNE2)	1.0	INT	45.0	1.70	51.8	1.00	NO-INFILT.	0.00	2589.4	36251.9
SC2Core Spc (B.C3)	1.0	INT	0.0	1.70	18.9	1.00	NO-INFILT.	0.00	946.4	13249.6
SC2Core Spc (B.C4)	1.0	INT	0.0	1.70	147.8	1.00	NO-INFILT.	0.00	7390.9	103472.1
SC2SW Perim Spc (B.SW5)	1.0	INT	0.0	1.70	19.7	1.00	NO-INFILT.	0.00	984.0	13776.0
SC2WNW Perim Spc (B.WNW6)	1.0	INT	90.0	1.70	6.7	1.00	NO-INFILT.	0.00	333.8	4672.5
SC2SSW Perim Spc (B.SSW7)	1.0	INT	0.0	0.88	40.7	0.25	NO-INFILT.	0.00	2033.3	28465.5
SC2ESE Perim Spc (B.ESE8)	1.0	INT	-90.0	0.88	54.1	0.25	NO-INFILT.	0.00	2705.3	37873.5
SC2Core Spc (B.C9)	1.0	INT	0.0	1.70	173.1	1.00	NO-INFILT.	0.00	8653.2	121145.0
SC2Core Spc (B.C10)	1.0	INT	0.0	1.70	21.5	1.00	NO-INFILT.	0.00	1076.2	15067.0
SC2Core Spc (B.C11)	1.0	INT	0.0	1.00	114.7	0.25	NO-INFILT.	0.00	5737.3	80322.0
Spaces on floor: SC1Below-Grade Flr										
SC1WNW Perim Spc (B.WNW1)	1.0	INT	90.0	1.70	38.9	1.00	NO-INFILT.	0.00	1944.0	34020.0
SC1NNE Perim Spc (B.NNE2)	1.0	INT	45.0	1.70	51.8	1.00	NO-INFILT.	0.00	2589.4	45314.9
SC1Core Spc (B.C3)	1.0	INT	0.0	1.70	18.9	1.00	NO-INFILT.	0.00	946.4	16562.0
SC1Core Spc (B.C4)	1.0	INT	0.0	1.70	147.8	1.00	NO-INFILT.	0.00	7390.9	129340.1
SC1SW Perim Spc (B.SW5)	1.0	INT	0.0	1.70	19.7	1.00	NO-INFILT.	0.00	984.0	17220.0
SC1WNW Perim Spc (B.WNW6)	1.0	INT	90.0	1.70	6.7	1.00	NO-INFILT.	0.00	333.8	5840.6
SC1SSW Perim Spc (B.SSW7)	1.0	INT	0.0	1.70	40.7	1.00	NO-INFILT.	0.00	2033.3	35581.9
SC1ESE Perim Spc (B.ESE8)	1.0	INT	-90.0	0.88	54.1	0.25	NO-INFILT.	0.00	2705.3	47341.9
SC1Core Spc (B.C9)	1.0	INT	0.0	1.70	173.1	1.00	NO-INFILT.	0.00	8653.2	151431.2
SC1Core Spc (B.C10)	1.0	INT	0.0	1.70	21.5	1.00	NO-INFILT.	0.00	1076.2	18833.8
SC1Core Spc (B.C11)	1.0	INT	0.0	1.70	114.7	1.00	NO-INFILT.	0.00	5737.3	100402.5
Spaces on floor: CBelow-Grade Flr										
CWNW Perim Spc (B.WNW1)	1.0	INT	90.0	1.70	38.9	1.00	NO-INFILT.	0.00	1944.0	34020.0
CNNE Perim Spc (B.NNE2)	1.0	INT	45.0	1.70	51.8	1.00	NO-INFILT.	0.00	2589.4	45314.9
CCore Spc (B.C3)	1.0	INT	0.0	1.70	18.9	1.00	NO-INFILT.	0.00	946.4	16562.0
CCore Spc (B.C4)	1.0	INT	0.0	1.70	147.8	1.00	NO-INFILT.	0.00	7390.9	129340.1
CSW Perim Spc (B.SW5)	1.0	INT	0.0	1.70	19.7	1.00	NO-INFILT.	0.00	984.0	17220.0
CWNW Perim Spc (B.WNW6)	1.0	INT	90.0	1.70	6.7	1.00	NO-INFILT.	0.00	333.8	5840.6

REPORT- LV-B Summary of Spaces WEATHER FILE- New York CityNY TMY2

(CONTINUED)

CSSW Perim Spc (B.SSW7)	1.0	INT	0.0	1.70	40.7	1.00	NO-INFILT.	0.00	2033.3	35581.9
CESE Perim Spc (B.ESE8)	1.0	INT	-90.0	0.88	54.1	0.25	NO-INFILT.	0.00	2705.3	47341.9
CCore Spc (B.C9)	1.0	INT	0.0	1.70	173.1	1.00	NO-INFILT.	0.00	8653.2	151431.2
CCore Spc (B.C10)	1.0	INT	0.0	1.70	21.5	1.00	NO-INFILT.	0.00	1076.2	18833.8
CCore Spc (B.C11)	1.0	INT	0.0	1.70	114.7	1.00	NO-INFILT.	0.00	5737.3	100402.5
Spaces on floor: GGround Flr										
GNW Perim Spc (G.NW1)	1.0	EXT	90.0	1.70	18.9	1.00	AIR-CHANGE	0.20	946.4	14196.0
GNW Perim Spc (G.NW2)	1.0	EXT	45.0	0.88	53.7	0.25	AIR-CHANGE	0.04	2684.9	40273.1
GNNE Perim Spc (G.NNE3)	1.0	EXT	33.3	1.70	24.6	1.00	AIR-CHANGE	0.16	1231.5	18472.2
GSSW Perim Spc (G.SSW4)	1.0	EXT	0.0	1.70	7.3	1.00	AIR-CHANGE	0.15	367.5	5512.5
GWest Perim Spc (G.W5)	1.0	EXT	90.0	1.70	16.8	1.00	AIR-CHANGE	0.11	837.8	12566.3
GEast Perim Spc (G.E6)	1.0	EXT	135.0	1.70	18.3	1.00	AIR-CHANGE	0.15	917.2	13757.5
GNNE Perim Spc (G.NNE7)	1.0	EXT	180.0	1.70	63.8	1.00	AIR-CHANGE	0.04	3191.1	47866.2
GWest Perim Spc (G.W8)	1.0	EXT	66.6	1.70	9.8	1.00	AIR-CHANGE	0.23	488.1	7321.6
GSSW Perim Spc (G.SSW9)	1.0	EXT	0.0	1.70	20.0	1.00	AIR-CHANGE	0.16	998.6	14979.4
GESE Perim Spc (G.ESE10)	1.0	EXT	-90.0	1.70	9.0	1.00	AIR-CHANGE	0.11	449.1	6736.8
GESE Perim Spc (G.ESE11)	1.0	EXT	0.0	1.70	46.1	1.00	AIR-CHANGE	0.13	2304.7	34571.2
GSSW Perim Spc (G.SSW12)	1.0	EXT	0.0	1.70	37.4	1.00	AIR-CHANGE	0.17	1871.3	28068.8
GCore Spc (G.C13)	1.0	INT	0.0	1.70	62.9	1.00	AIR-CHANGE	0.00	3143.8	47157.0
GCore Spc (G.C14)	1.0	INT	0.0	1.70	11.6	1.00	AIR-CHANGE	0.00	581.2	8717.6
GNNE Perim Spc (G.NNE15)	1.0	EXT	-90.0	1.70	43.7	1.00	AIR-CHANGE	0.08	2182.5	32737.5
GCore Spc (G.C16)	1.0	INT	0.0	1.70	87.5	1.00	AIR-CHANGE	0.00	4376.0	65640.7
GCore Spc (G.C17)	1.0	INT	0.0	1.70	152.4	1.00	AIR-CHANGE	0.00	7621.7	114325.0
GPlnm (G.18)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.06	34193.8	68387.5
Spaces on floor: 1MGround Flr										
1MNW Perim Spc (G.NW1)	1.0	EXT	90.0	1.70	20.3	1.00	AIR-CHANGE	0.19	1014.0	8112.0
1MNorth Perim Spc (G.N2)	1.0	EXT	180.0	1.70	42.1	1.00	AIR-CHANGE	0.15	2105.3	16842.0
1MSW Perim Spc (G.SW3)	1.0	EXT	66.6	1.70	30.1	1.00	AIR-CHANGE	0.18	1506.9	12055.1
1MSW Perim Spc (G.SW4)	1.0	EXT	90.0	1.70	22.7	1.00	AIR-CHANGE	0.12	1134.8	9078.0
1MSSW Perim Spc (G.SSW5)	1.0	EXT	0.0	1.70	45.0	1.00	AIR-CHANGE	0.17	2247.8	17982.0
1MNNE Perim Spc (G.NNE6)	1.0	EXT	180.0	1.70	44.2	1.00	AIR-CHANGE	0.16	2210.3	17682.0
1MESE Perim Spc (G.ESE7)	1.0	EXT	135.0	1.70	54.1	1.00	AIR-CHANGE	0.16	2704.8	21638.4
1MCore Spc (G.C8)	1.0	INT	0.0	0.88	60.6	0.25	AIR-CHANGE	0.01	3032.1	24256.5
1MCore Spc (G.C9)	1.0	INT	0.0	1.70	28.0	1.00	AIR-CHANGE	0.01	1399.3	11194.6
1MCore Spc (G.C10)	1.0	INT	0.0	0.88	88.4	0.25	AIR-CHANGE	0.01	4420.3	35362.6
1MCore Spc (G.C11)	1.0	INT	0.0	1.70	287.0	1.00	AIR-CHANGE	0.01	14350.5	114804.3
Spaces on floor: 25Ground Flr										
25NW Perim Spc (G.NW1)	1.0	EXT	90.0	1.70	20.3	1.00	AIR-CHANGE	0.19	1014.0	17745.0
25North Perim Spc (G.N2)	1.0	EXT	180.0	1.70	42.1	1.00	AIR-CHANGE	0.15	2105.3	36841.9
25SSW Perim Spc (G.SSW3)	1.0	EXT	0.0	1.70	7.3	1.00	AIR-CHANGE	0.15	367.5	6431.3
25West Perim Spc (G.W4)	1.0	EXT	90.0	1.70	16.8	1.00	AIR-CHANGE	0.11	837.8	14660.6
25SSW Perim Spc (G.SSW5)	1.0	EXT	0.0	1.70	44.0	1.00	AIR-CHANGE	0.18	2197.5	38456.3
25Core Spc (G.C6)	1.0	INT	0.0	1.70	115.6	1.00	AIR-CHANGE	0.00	5780.4	101157.4
25West Perim Spc (G.W7)	1.0	EXT	66.6	1.70	9.8	1.00	AIR-CHANGE	0.23	488.1	8541.8
25SSW Perim Spc (G.SSW8)	1.0	EXT	0.0	1.70	20.0	1.00	AIR-CHANGE	0.16	998.6	17475.9
25ESE Perim Spc (G.ESE9)	1.0	EXT	135.0	1.70	29.8	1.00	AIR-CHANGE	0.16	1491.1	26094.6
25ESE Perim Spc (G.ESE10)	1.0	EXT	-90.0	1.70	24.3	1.00	AIR-CHANGE	0.17	1214.3	21249.4
25NNE Perim Spc (G.NNE11)	1.0	EXT	90.0	1.70	32.6	1.00	AIR-CHANGE	0.15	1631.3	28546.9
25NNE Perim Spc (G.NNE12)	1.0	EXT	180.0	1.70	11.6	1.00	AIR-CHANGE	0.18	579.0	10132.5
25Core Spc (G.C13)	1.0	INT	0.0	1.70	23.2	1.00	AIR-CHANGE	0.00	1161.6	20327.7
25Core Spc (G.C14)	1.0	INT	0.0	1.70	33.9	1.00	AIR-CHANGE	0.00	1696.5	29688.8

REPORT- LV-B Summary of Spaces WEATHER FILE- New York CityNY TMY2

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25Core Spc (G.C15)	1.0	INT	0.0	1.70	187.0	1.00	AIR-CHANGE	0.00	9348.3	163594.4
25Core Spc (G.C16)	1.0	INT	0.0	1.70	104.3	1.00	AIR-CHANGE	0.00	5215.5	91270.9
Spaces on floor: 25Mid Flrs										
25NW Perim Spc (M.NW17)	2.0	EXT	90.0	1.70	20.3	1.00	AIR-CHANGE	0.19	1014.0	17745.0
25North Perim Spc (M.N18)	2.0	EXT	180.0	1.70	42.1	1.00	AIR-CHANGE	0.15	2105.3	36841.9
25SSW Perim Spc (M.SSW19)	2.0	EXT	0.0	1.70	7.3	1.00	AIR-CHANGE	0.15	367.5	6431.3
25West Perim Spc (M.W20)	2.0	EXT	90.0	1.70	16.8	1.00	AIR-CHANGE	0.11	837.8	14660.6
25SSW Perim Spc (M.SSW21)	2.0	EXT	0.0	1.70	44.0	1.00	AIR-CHANGE	0.18	2197.5	38456.3
25Core Spc (M.C22)	2.0	INT	0.0	1.70	115.6	1.00	AIR-CHANGE	0.00	5780.4	101157.4
25West Perim Spc (M.W23)	2.0	EXT	66.6	1.70	9.8	1.00	AIR-CHANGE	0.23	488.1	8541.8
25SSW Perim Spc (M.SSW24)	2.0	EXT	0.0	1.70	20.0	1.00	AIR-CHANGE	0.16	998.6	17475.9
25ESE Perim Spc (M.ESE25)	2.0	EXT	135.0	1.70	29.8	1.00	AIR-CHANGE	0.16	1491.1	26094.6
25ESE Perim Spc (M.ESE26)	2.0	EXT	-90.0	1.70	24.3	1.00	AIR-CHANGE	0.17	1214.3	21249.4
25NNE Perim Spc (M.NNE27)	2.0	EXT	90.0	1.70	32.6	1.00	AIR-CHANGE	0.15	1631.3	28546.9
25NNE Perim Spc (M.NNE28)	2.0	EXT	180.0	1.70	11.6	1.00	AIR-CHANGE	0.18	579.0	10132.5
25Core Spc (M.C29)	2.0	INT	0.0	1.70	23.2	1.00	AIR-CHANGE	0.00	1161.6	20327.7
25Core Spc (M.C30)	2.0	INT	0.0	1.70	33.9	1.00	AIR-CHANGE	0.00	1696.5	29688.8
25Core Spc (M.C31)	2.0	INT	0.0	1.70	187.0	1.00	AIR-CHANGE	0.00	9348.3	163594.4
25Core Spc (M.C32)	2.0	INT	0.0	1.70	104.3	1.00	AIR-CHANGE	0.00	5215.5	91270.9
Spaces on floor: 25Top Flr										
25NW Perim Spc (T.NW33)	1.0	EXT	90.0	1.70	20.3	1.00	AIR-CHANGE	0.19	1014.0	17745.0
25North Perim Spc (T.N34)	1.0	EXT	180.0	1.70	42.1	1.00	AIR-CHANGE	0.15	2105.3	36841.9
25SSW Perim Spc (T.SSW35)	1.0	EXT	0.0	1.70	7.3	1.00	AIR-CHANGE	0.15	367.5	6431.3
25West Perim Spc (T.W36)	1.0	EXT	90.0	1.70	16.8	1.00	AIR-CHANGE	0.11	837.8	14660.6
25SSW Perim Spc (T.SSW37)	1.0	EXT	0.0	1.70	44.0	1.00	AIR-CHANGE	0.18	2197.5	38456.3
25Core Spc (T.C38)	1.0	INT	0.0	1.70	115.6	1.00	AIR-CHANGE	0.00	5780.4	101157.4
25West Perim Spc (T.W39)	1.0	EXT	66.6	1.70	9.8	1.00	AIR-CHANGE	0.23	488.1	8541.8
25SSW Perim Spc (T.SSW40)	1.0	EXT	0.0	1.70	20.0	1.00	AIR-CHANGE	0.16	998.6	17475.9
25ESE Perim Spc (T.ESE41)	1.0	EXT	135.0	1.70	29.8	1.00	AIR-CHANGE	0.16	1491.1	26094.6
25ESE Perim Spc (T.ESE42)	1.0	EXT	-90.0	1.70	24.3	1.00	AIR-CHANGE	0.17	1214.3	21249.4
25NNE Perim Spc (T.NNE43)	1.0	EXT	90.0	1.70	32.6	1.00	AIR-CHANGE	0.15	1631.3	28546.9
25NNE Perim Spc (T.NNE44)	1.0	EXT	180.0	1.70	11.6	1.00	AIR-CHANGE	0.18	579.0	10132.5
25Core Spc (T.C45)	1.0	INT	0.0	1.70	23.2	1.00	AIR-CHANGE	0.00	1161.6	20327.7
25Core Spc (T.C46)	1.0	INT	0.0	1.70	33.9	1.00	AIR-CHANGE	0.00	1696.5	29688.8
25Core Spc (T.C47)	1.0	INT	0.0	1.70	187.0	1.00	AIR-CHANGE	0.00	9348.3	163594.4
25Core Spc (T.C48)	1.0	INT	0.0	1.70	104.3	1.00	AIR-CHANGE	0.00	5215.5	91270.9
Spaces on floor: 6MCGround Flr										
6MCWSW Perim Spc (G.WSW1)	1.0	EXT	66.6	0.88	11.3	0.25	AIR-CHANGE	0.18	2836.6	102119.2
6MCNorth Perim Spc (G.N2)	1.0	EXT	33.3	0.88	8.2	0.25	AIR-CHANGE	0.16	2055.5	73998.7
6MCNW Perim Spc (G.NW3)	1.0	EXT	90.0	0.88	3.2	0.25	AIR-CHANGE	0.22	801.8	28863.0
6MCNNE Perim Spc (G.NNE4)	1.0	EXT	180.0	0.88	8.8	0.25	AIR-CHANGE	0.18	2210.3	79569.0
6MCESE Perim Spc (G.ESE5)	1.0	EXT	-90.0	0.88	9.3	0.25	AIR-CHANGE	0.19	2323.9	83659.5
6MCSSW Perim Spc (G.SSW6)	1.0	EXT	0.0	0.88	7.7	0.25	AIR-CHANGE	0.19	1936.7	69722.0
6MCCore Spc (G.C7)	1.0	INT	0.0	0.88	33.0	0.25	AIR-CHANGE	0.00	8247.1	296895.3
6MCCore Spc (G.C8)	1.0	INT	0.0	0.88	19.5	0.25	AIR-CHANGE	0.00	4872.1	175394.6
6MCCore Spc (G.C9)	1.0	INT	0.0	0.88	11.8	0.25	AIR-CHANGE	0.00	2937.6	105755.0
6MCCore Spc (G.C10)	1.0	INT	0.0	0.88	15.2	0.25	AIR-CHANGE	0.00	3796.7	136681.6
6MCPlnm (G.11)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.06	32018.6	64037.2
6MC Top Spc	1.0	EXT	0.0	0.88	2.9	0.25	NO-INFILT.	0.00	2916.0	58320.0
Roof Spc (6MC)	1.0	EXT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	29904.8	598095.7
Spaces on floor: 8AGround Flr (rev: amen 8 + 9)										

8ANW Perim Spc (G.NW1)	1.0	EXT	90.0	0.70	4.5	0.27	AIR-CHANGE	0.22	451.4	10833.4

Extell 221 West 57th St DOE-2.2-47h2 9/17/2015 16:41:03 BDL RUN 4

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8AWSW Perim Spc (G.WSW2)	1.0	EXT	0.0	0.70	33.0	0.27	AIR-CHANGE	0.13	3297.3	79136.0
8ANNE Perim Spc (G.NNE3)	1.0	EXT	90.0	0.70	2.1	0.27	AIR-CHANGE	0.09	205.4	4929.6
8ACore Spc (G.C4)	1.0	INT	0.0	0.70	4.7	0.27	AIR-CHANGE	0.00	474.0	11376.5
8ANNE Perim Spc (G.NNE5)	1.0	EXT	90.0	0.70	3.0	0.27	AIR-CHANGE	0.14	298.3	7159.2
8ACore Spc (G.C6)	1.0	INT	0.0	0.70	1.8	0.27	AIR-CHANGE	0.00	179.8	4314.6
8ANNE Perim Spc (G.NNE7)	1.0	EXT	90.0	0.70	2.1	0.27	AIR-CHANGE	0.12	207.9	4989.6
8ACore Spc (G.C8)	1.0	INT	0.0	0.00	1.8	0.00	AIR-CHANGE	0.00	183.6	4406.4
8ASW Perim Spc (G.SW9)	1.0	EXT	90.0	0.70	5.0	0.27	AIR-CHANGE	0.09	503.2	12077.9
8AWSW Perim Spc (G.WSW10)	1.0	EXT	0.0	0.00	2.3	0.00	AIR-CHANGE	0.30	233.3	5599.8
8ASSW Perim Spc (G.SSW11)	1.0	EXT	0.0	0.00	3.2	0.00	AIR-CHANGE	0.07	324.0	7775.5
8AESE Perim Spc (G.ESE12)	1.0	EXT	-90.0	0.00	3.4	0.27	AIR-CHANGE	0.53	340.1	8162.9
Spaces on floor: 8MAGround Flr (rev: amen mz 8+9)										
8MANNE Perim Spc (G.NNE1)	1.0	EXT	90.0	0.70	2.8	0.27	AIR-CHANGE	0.50	706.0	14119.0
8MASSW Perim Spc (G.SSW2)	1.0	EXT	0.0	0.70	13.7	0.27	AIR-CHANGE	0.28	3416.3	68326.0
Spaces on floor: 10AGround Flr										
10AWNW Perim Spc (G.WNW1)	1.0	EXT	90.0	0.70	11.7	0.27	AIR-CHANGE	0.07	1165.7	16319.2
10ASSW Perim Spc (G.SSW2)	1.0	EXT	0.0	0.00	1.2	0.27	AIR-CHANGE	0.63	121.4	1699.4
10ACore Spc (G.C3)	1.0	INT	0.0	0.00	1.8	0.27	AIR-CHANGE	0.00	183.6	2570.4
10AESE Perim Spc (G.ESE4)	1.0	EXT	-90.0	0.70	6.5	0.27	AIR-CHANGE	0.05	653.1	9143.5
10ACore Spc (G.C5)	1.0	INT	0.0	0.00	2.3	0.27	AIR-CHANGE	0.00	233.3	3266.6
10AESE Perim Spc (G.ESE6)	1.0	EXT	-90.0	0.00	1.7	0.27	AIR-CHANGE	0.24	174.1	2437.6
10ASSW Perim Spc (G.SSW7)	1.0	EXT	0.0	0.70	31.6	0.27	AIR-CHANGE	0.12	3163.8	44292.9
10ANorth Perim Spc (G.N8)	1.0	EXT	90.0	0.70	36.3	0.27	AIR-CHANGE	0.10	3626.4	50769.0
10AENE Perim Spc (G.ENE9)	1.0	EXT	180.0	0.70	15.0	0.27	AIR-CHANGE	0.12	1499.3	20990.4
10APlnm (G.10)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.11	10820.6	450896.3
Spaces on floor: 10MGround Flr (rev: 11BMU)										
10MWNW Perim Spc (G.WNW1)	1.0	EXT	90.0	0.00	4.7	0.00	AIR-CHANGE	0.07	1165.7	67993.0
10MSSW Perim Spc (G.SSW2)	1.0	EXT	0.0	0.00	0.5	0.00	AIR-CHANGE	0.63	121.4	7080.5
10MCore Spc (G.C3)	1.0	INT	0.0	0.00	0.7	0.00	AIR-CHANGE	0.00	183.6	10709.4
10MESE Perim Spc (G.ESE4)	1.0	EXT	-90.0	0.00	2.6	0.00	AIR-CHANGE	0.05	653.1	38095.9
10MCore Spc (G.C5)	1.0	INT	0.0	0.00	0.9	0.00	AIR-CHANGE	0.00	233.3	13609.8
10MESE Perim Spc (G.ESE6)	1.0	EXT	-90.0	0.00	0.7	0.00	AIR-CHANGE	0.24	174.1	10156.1
10MSSW Perim Spc (G.SSW7)	1.0	EXT	0.0	0.00	12.7	0.00	AIR-CHANGE	0.12	3163.8	184543.1
10MNorth Perim Spc (G.N8)	1.0	EXT	90.0	0.00	14.5	0.00	AIR-CHANGE	0.10	3626.4	211525.4
10MENE Perim Spc (G.ENE9)	1.0	EXT	180.0	0.00	6.0	0.00	AIR-CHANGE	0.12	1499.3	87454.9
Spaces on floor: 11MCGround Flr (rev: 12MC)										
11MCNNE Perim Spc (G.NNE1)	1.0	EXT	90.0	0.88	24.8	0.25	AIR-CHANGE	0.11	6201.1	146965.8
11MCWNW Perim Spc (G.WNW2)	1.0	EXT	90.0	0.88	0.6	0.25	AIR-CHANGE	0.12	147.6	3497.6
11MCSW Perim Spc (G.SW3)	1.0	EXT	0.0	0.88	0.5	0.25	AIR-CHANGE	0.44	136.3	3230.3
11MCSSW Perim Spc (G.SSW4)	1.0	EXT	0.0	0.88	1.1	0.25	AIR-CHANGE	0.09	277.1	6566.9
11MCWSW Perim Spc (G.WSW5)	1.0	EXT	90.0	0.88	8.3	0.25	AIR-CHANGE	0.15	2069.4	49045.0
11MCSE Perim Spc (G.SE6)	1.0	EXT	0.0	0.88	5.1	0.25	AIR-CHANGE	0.14	1269.5	30087.2
11MCCore Spc (G.C7)	1.0	INT	0.0	0.88	0.7	0.25	AIR-CHANGE	0.00	183.6	4351.3
11MCCore Spc (G.C8)	1.0	INT	0.0	0.88	0.9	0.25	AIR-CHANGE	0.00	233.3	5529.8
11MCCore Spc (G.C9)	1.0	INT	0.0	0.88	0.7	0.25	AIR-CHANGE	0.00	174.1	4126.5
11MCCore Spc (G.C10)	1.0	INT	0.0	0.88	2.6	0.25	AIR-CHANGE	0.00	653.1	15478.7
ERU-11-1 Spc	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	10000.0	100000.0
Spaces on floor: 11DBGround Flr (rev: 12DBMC)										

11DBWNW Perim Spc (G.WNW1)	1.0	EXT	90.0	0.88	7.6	0.25	AIR-CHANGE	0.19	1910.8	135667.5	

Spaces on floor: 1519Ground Flr (rev: 13)

1519Core Spc (G.C1)	3.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	180.0	1800.0
1519Core Spc (G.C2)	3.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	183.6	1836.0
1519Core Spc (G.C3)	3.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	233.3	2333.3
1519Core Spc (G.C4)	3.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	174.1	1741.1
1519Core Spc (G.C5)	3.0	INT	0.0	0.99	0.7	0.24	AIR-CHANGE	0.01	653.1	6531.1
1519WNW Perim Spc (G.WNW6)	3.0	EXT	90.0	0.66	2.0	0.24	AIR-CHANGE	0.19	1244.8	12448.5
1519NNE Perim Spc (G.NNE7)	3.0	EXT	0.0	0.66	3.0	0.24	AIR-CHANGE	0.08	3970.0	39700.1
1519East Perim Spc (G.E8)	3.0	EXT	180.0	0.66	2.0	0.24	AIR-CHANGE	0.15	986.2	9862.3
1519ESE Perim Spc (G.ESE9)	3.0	EXT	-90.0	0.66	2.0	0.24	AIR-CHANGE	0.09	853.4	8533.7
1519South Perim Spc (G.S10)	3.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.23	433.7	4336.8
1519SSE Perim Spc (G.SSE11)	3.0	EXT	-90.0	0.66	3.0	0.24	AIR-CHANGE	0.09	1922.4	19223.8
1519West Perim Spc (G.W12)	3.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.13	1360.4	13604.5
1519WNW Perim Spc (G.WNW13)	3.0	EXT	90.0	0.00	0.0	0.00	AIR-CHANGE	0.07	1060.8	10608.1
1519Plnm (G.14)	3.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	13255.9	23860.7

Spaces on floor: 1519Mid Flrs

1519Core Spc (M.C15)	5.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	180.0	1800.0
1519Core Spc (M.C16)	5.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	183.6	1836.0
1519Core Spc (M.C17)	5.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	233.3	2333.3
1519Core Spc (M.C18)	5.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	174.1	1741.1
1519Core Spc (M.C19)	5.0	INT	0.0	0.99	0.7	0.24	AIR-CHANGE	0.01	653.1	6531.1
1519WNW Perim Spc (M.WNW20)	5.0	EXT	90.0	0.66	2.0	0.24	AIR-CHANGE	0.19	1244.8	12448.5
1519NNE Perim Spc (M.NNE21)	5.0	EXT	0.0	0.66	3.0	0.24	AIR-CHANGE	0.08	3970.0	39700.1
1519East Perim Spc (M.E22)	5.0	EXT	180.0	0.66	2.0	0.24	AIR-CHANGE	0.15	986.2	9862.3
1519ESE Perim Spc (M.ESE23)	5.0	EXT	-90.0	0.66	2.0	0.24	AIR-CHANGE	0.09	853.4	8533.7
1519South Perim Spc (M.S24)	5.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.23	433.7	4336.8
1519SSE Perim Spc (M.SSE25)	5.0	EXT	-90.0	0.66	3.0	0.24	AIR-CHANGE	0.09	1922.4	19223.8
1519West Perim Spc (M.W26)	5.0	EXT	0.0	0.66	2.0	0.24	AIR-CHANGE	0.13	1360.4	13604.5
1519WNW Perim Spc (M.WNW27)	5.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.07	1060.8	10608.1
1519Plnm (M.28)	5.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	13255.9	23860.7

Spaces on floor: 1519Top Flr

1519Core Spc (T.C29)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	180.0	2520.0
1519Core Spc (T.C30)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	183.6	2570.4
1519Core Spc (T.C31)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	233.3	3266.6
1519Core Spc (T.C32)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	174.1	2437.6
1519Core Spc (T.C33)	1.0	INT	0.0	0.99	0.7	0.24	AIR-CHANGE	0.00	653.1	9143.5
1519WNW Perim Spc (T.WNW34)	1.0	EXT	90.0	0.66	2.0	0.24	AIR-CHANGE	0.13	1244.8	17427.9
1519NNE Perim Spc (T.NNE35)	1.0	EXT	0.0	0.66	3.0	0.24	AIR-CHANGE	0.05	3970.0	55580.1
1519East Perim Spc (T.E36)	1.0	EXT	180.0	0.66	2.0	0.24	AIR-CHANGE	0.11	986.2	13807.2
1519ESE Perim Spc (T.ESE37)	1.0	EXT	-90.0	0.66	2.0	0.24	AIR-CHANGE	0.06	853.4	11947.2
1519South Perim Spc (T.S38)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.16	433.7	6071.5
1519SSE Perim Spc (T.SSE39)	1.0	EXT	-90.0	0.66	3.0	0.24	AIR-CHANGE	0.06	1922.4	26913.3
1519West Perim Spc (T.W40)	1.0	EXT	0.0	0.66	2.0	0.24	AIR-CHANGE	0.09	1360.4	19046.3
1519WNW Perim Spc (T.WNW41)	1.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.05	1060.8	14851.3
1519Plnm (T.42)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	13255.9	23860.7

Spaces on floor: 2026Ground Flr

2026Core Spc (G.C1)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	180.0	2520.0
2026Core Spc (G.C2)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	183.6	2570.4
2026Core Spc (G.C3)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	233.3	3266.6

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2026Core Spc (G.C4)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	174.1	2437.6
2026Core Spc (G.C5)	1.0	INT	0.0	0.99	0.7	0.24	AIR-CHANGE	0.00	653.1	9143.5
2026East Perim Spc (G.E6)	1.0	EXT	180.0	0.66	1.0	0.24	AIR-CHANGE	0.11	986.2	13807.2
2026WNW Perim Spc (G.WNW7)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.13	1244.8	17427.9
2026NNE Perim Spc (G.NNE8)	1.0	EXT	0.0	0.66	2.0	0.24	AIR-CHANGE	0.05	3970.0	55580.1
2026WNW Perim Spc (G.WNW9)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.05	1060.8	14851.3
2026ESE Perim Spc (G.ESE10)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.06	853.4	11947.2
2026SW Perim Spc (G.SW11)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.16	466.4	6530.2
2026SSW Perim Spc (G.SSW12)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.10	694.2	9718.8
2026South Perim Spc (G.S13)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.17	398.6	5580.1
2026Plnm (G.14)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	11098.6	19977.6
Spaces on floor: 2026Mid Flrs										
2026Core Spc (M.C15)	5.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	180.0	1800.0
2026Core Spc (M.C16)	5.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	183.6	1836.0
2026Core Spc (M.C17)	5.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	233.3	2333.3
2026Core Spc (M.C18)	5.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	174.1	1741.1
2026Core Spc (M.C19)	5.0	INT	0.0	0.99	0.7	0.24	AIR-CHANGE	0.01	653.1	6531.1
2026East Perim Spc (M.E20)	5.0	EXT	180.0	0.66	6.2	0.24	AIR-CHANGE	0.15	986.2	9862.3
2026WNW Perim Spc (M.WNW21)	5.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.19	1244.8	12448.5
2026NNE Perim Spc (M.NNE22)	5.0	EXT	0.0	0.66	2.0	0.24	AIR-CHANGE	0.08	3970.0	39700.1
2026WNW Perim Spc (M.WNW23)	5.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.07	1060.8	10608.1
2026ESE Perim Spc (M.ESE24)	5.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.09	853.4	8533.7
2026SW Perim Spc (M.SW25)	5.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.22	466.4	4664.4
2026SSW Perim Spc (M.SSW26)	5.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.15	694.2	6942.0
2026South Perim Spc (M.S27)	5.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.24	398.6	3985.8
2026Plnm (M.28)	5.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	11098.6	19977.6
Spaces on floor: 2026Top Flr										
2026Core Spc (T.C29)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	180.0	2520.0
2026Core Spc (T.C30)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	183.6	2570.4
2026Core Spc (T.C31)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	233.3	3266.6
2026Core Spc (T.C32)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	174.1	2437.6
2026Core Spc (T.C33)	1.0	INT	0.0	0.99	0.7	0.24	AIR-CHANGE	0.00	653.1	9143.5
2026East Perim Spc (T.E34)	1.0	EXT	180.0	0.66	6.2	0.24	AIR-CHANGE	0.11	986.2	13807.2
2026WNW Perim Spc (T.WNW35)	1.0	EXT	90.0	0.66	7.8	0.24	AIR-CHANGE	0.13	1244.8	17427.9
2026NNE Perim Spc (T.NNE36)	1.0	EXT	0.0	0.66	24.8	0.24	AIR-CHANGE	0.05	3970.0	55580.1
2026WNW Perim Spc (T.WNW37)	1.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.05	1060.8	14851.3
2026ESE Perim Spc (T.ESE38)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.06	853.4	11947.2
2026SW Perim Spc (T.SW39)	1.0	EXT	0.0	0.66	2.9	0.24	AIR-CHANGE	0.16	466.4	6530.2
2026SSW Perim Spc (T.SSW40)	1.0	EXT	0.0	0.66	4.3	0.24	AIR-CHANGE	0.10	694.2	9718.8
2026South Perim Spc (T.S41)	1.0	EXT	-90.0	0.66	2.5	0.24	AIR-CHANGE	0.17	398.6	5580.1
2026Plnm (T.42)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	11098.6	19977.6
Spaces on floor: 27MCGround Flr										
27MCCore Spc (G.C1)	1.0	INT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	180.0	3240.0
27MCCore Spc (G.C2)	1.0	INT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	183.6	3304.8
27MCCore Spc (G.C3)	1.0	INT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	233.3	4199.9
27MCCore Spc (G.C4)	1.0	INT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	174.1	3134.1
27MCCore Spc (G.C5)	1.0	INT	0.0	0.88	2.6	0.25	AIR-CHANGE	0.00	653.1	11756.0
27MCEast Perim Spc (G.E6)	1.0	EXT	180.0	0.88	3.9	0.25	AIR-CHANGE	0.20	986.2	17752.1
27MCWNW Perim Spc (G.WNW7)	1.0	EXT	90.0	0.88	5.0	0.25	AIR-CHANGE	0.25	1244.8	22407.3
27MCNNE Perim Spc (G.NNE8)	1.0	EXT	0.0	0.88	24.8	0.25	AIR-CHANGE	0.10	3970.0	71460.2
27MCWNW Perim Spc (G.WNW9)	1.0	EXT	90.0	0.88	0.0	0.25	AIR-CHANGE	0.10	1060.8	19094.6

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27MCESE Perim Spc (G.ESE10)	1.0	EXT	-90.0	0.88	3.4	0.25	AIR-CHANGE	0.12	853.4	15360.7
27MCSW Perim Spc (G.SW11)	1.0	EXT	0.0	0.88	1.9	0.25	AIR-CHANGE	0.30	466.4	8395.9
27MCSSW Perim Spc (G.SSW12)	1.0	EXT	0.0	0.88	2.8	0.25	AIR-CHANGE	0.19	694.2	12495.6
27MCSouth Perim Spc (G.S13)	1.0	EXT	-90.0	0.88	1.6	0.25	AIR-CHANGE	0.31	398.6	7174.4
ERU-27-1 Spc	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	10000.0	100000.0
ERU-27-2 Spc	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	10000.0	100000.0
Spaces on floor: 28Ground Flr										
28Core Spc (G.C1)	1.0	INT	0.0	0.00	0.2	0.24	AIR-CHANGE	0.00	183.6	2570.4
28Core Spc (G.C2)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	233.3	3266.6
28Core Spc (G.C3)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	174.1	2437.6
28Core Spc (G.C4)	1.0	INT	0.0	0.99	0.7	0.24	AIR-CHANGE	0.00	653.1	9143.5
28NNW Perim Spc (G.NNW5)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1434.0	20075.9
28NNE Perim Spc (G.NNE6)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.04	1437.8	20129.9
28East Perim Spc (G.E7)	1.0	EXT	180.0	0.66	1.0	0.24	AIR-CHANGE	0.10	986.2	13807.2
28ESE Perim Spc (G.ESE8)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.06	853.4	11947.2
28South Perim Spc (G.S9)	1.0	EXT	-90.0	0.66	0.0	0.24	AIR-CHANGE	0.16	398.6	5580.1
28SSW Perim Spc (G.SSW10)	1.0	EXT	0.0	0.66	0.0	0.24	AIR-CHANGE	0.10	581.1	8135.4
28SW Perim Spc (G.SW11)	1.0	EXT	0.0	0.66	0.0	0.24	AIR-CHANGE	0.15	579.5	8113.6
28WNW Perim Spc (G.WNW12)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.04	1240.8	17371.3
28Plnm (G.13)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	8755.6	17511.2
Spaces on floor: 2936Mid Flrs										
2936Core Spc (M.C14)	8.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	183.6	1799.3
2936Core Spc (M.C15)	8.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	233.3	2286.6
2936Core Spc (M.C16)	8.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	174.1	1706.3
2936Core Spc (M.C17)	8.0	INT	0.0	0.99	0.7	0.24	AIR-CHANGE	0.01	653.1	6400.5
2936NNW Perim Spc (M.NNW18)	8.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.12	1434.0	14053.1
2936NNE Perim Spc (M.NNE19)	8.0	EXT	90.0	0.66	2.0	0.24	AIR-CHANGE	0.06	1437.8	14090.9
2936East Perim Spc (M.E20)	8.0	EXT	180.0	0.66	1.0	0.24	AIR-CHANGE	0.15	986.2	9665.1
2936ESE Perim Spc (M.ESE21)	8.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.09	853.4	8363.0
2936South Perim Spc (M.S22)	8.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.24	398.6	3906.1
2936SSW Perim Spc (M.SSW23)	8.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.15	581.1	5694.8
2936SW Perim Spc (M.SW24)	8.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.21	579.5	5679.5
2936WNW Perim Spc (M.WNW25)	8.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.06	1240.8	12159.9
2936Plnm (M.26)	8.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	8755.6	17511.2
Spaces on floor: 3744Mid Flrs										
3744Core Spc (M.C14)	8.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	183.6	1799.3
3744Core Spc (M.C15)	8.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	233.3	2286.6
3744Core Spc (M.C16)	8.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	174.1	1706.3
3744Core Spc (M.C17)	8.0	INT	0.0	0.99	0.7	0.24	AIR-CHANGE	0.01	653.1	6400.5
3744NNW Perim Spc (M.NNW18)	8.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.12	1434.0	14053.1
3744NNE Perim Spc (M.NNE19)	8.0	EXT	90.0	0.66	2.0	0.24	AIR-CHANGE	0.06	1437.8	14090.9
3744East Perim Spc (M.E20)	8.0	EXT	180.0	0.66	1.0	0.24	AIR-CHANGE	0.15	986.2	9665.1
3744ESE Perim Spc (M.ESE21)	8.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.09	853.4	8363.0
3744South Perim Spc (M.S22)	8.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.24	398.6	3906.1
3744SSW Perim Spc (M.SSW23)	8.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.15	581.1	5694.8
3744SW Perim Spc (M.SW24)	8.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.21	579.5	5679.5
3744WNW Perim Spc (M.WNW25)	8.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.06	1240.8	12159.9
3744Plnm (M.26)	8.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	8755.6	17511.2
Spaces on floor: 45Top Flr										
45Core Spc (T.C27)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	183.6	2570.4

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45Core Spc (T.C28)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	233.3	3266.6
45Core Spc (T.C29)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	174.1	2437.6
45Core Spc (T.C30)	1.0	INT	0.0	0.99	0.7	0.00	AIR-CHANGE	0.00	653.1	9143.5
45NNW Perim Spc (T.NNW31)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1434.0	20075.9
45NNE Perim Spc (T.NNE32)	1.0	EXT	90.0	0.66	2.0	0.24	AIR-CHANGE	0.04	1437.8	20129.9
45East Perim Spc (T.E33)	1.0	EXT	180.0	0.66	1.0	0.24	AIR-CHANGE	0.10	986.2	13807.2
45ESE Perim Spc (T.ESE34)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.06	853.4	11947.2
45South Perim Spc (T.S35)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.16	398.6	5580.1
45SSW Perim Spc (T.SSW36)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.10	581.1	8135.4
45SW Perim Spc (T.SW37)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.15	579.5	8113.6
45WNW Perim Spc (T.WNW38)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.04	1240.8	17371.3
45Plnm (T.39)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	8755.6	17511.2
Spaces on floor: 46MCTop Flr										
46MCCore Spc (T.C27)	1.0	INT	0.0	0.00	0.7	0.00	AIR-CHANGE	0.00	183.6	3304.8
46MCCore Spc (T.C28)	1.0	INT	0.0	0.00	0.9	0.00	AIR-CHANGE	0.00	233.3	4199.9
46MCCore Spc (T.C29)	1.0	INT	0.0	0.00	0.7	0.00	AIR-CHANGE	0.00	174.1	3134.1
46MCCore Spc (T.C30)	1.0	INT	0.0	0.88	2.6	0.25	AIR-CHANGE	0.00	653.1	11756.0
46MCNNW Perim Spc (T.NNW31)	1.0	EXT	90.0	0.88	5.7	0.25	AIR-CHANGE	0.07	1434.0	25811.8
46MCNNE Perim Spc (T.NNE32)	1.0	EXT	90.0	0.88	5.8	0.25	AIR-CHANGE	0.03	1437.8	25881.3
46MCEast Perim Spc (T.E33)	1.0	EXT	180.0	0.88	3.9	0.25	AIR-CHANGE	0.08	986.2	17752.1
46MCESE Perim Spc (T.ESE34)	1.0	EXT	-90.0	0.88	3.4	0.25	AIR-CHANGE	0.05	853.4	15360.7
46MCSouth Perim Spc (T.S35)	1.0	EXT	-90.0	0.88	1.6	0.25	AIR-CHANGE	0.13	398.6	7174.4
46MCSSW Perim Spc (T.SSW36)	1.0	EXT	0.0	0.88	2.3	0.25	AIR-CHANGE	0.08	581.1	10459.8
46MCSW Perim Spc (T.SW37)	1.0	EXT	0.0	0.88	2.3	0.25	AIR-CHANGE	0.11	579.5	10431.7
46MCWNW Perim Spc (T.WNW38)	1.0	EXT	90.0	0.88	5.0	0.25	AIR-CHANGE	0.03	1240.8	22334.6
46MCPlnm (T.39)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	8755.6	17511.2
ERU-46-1 Spc	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	10000.0	100000.0
ERU-46-2 Spc	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	10000.0	100000.0
Spaces on floor: 47Ground Flr										
47NNW Perim Spc (G.NNW1)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.14	1163.6	12567.0
47West Perim Spc (G.W2)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1426.6	15406.8
47SW Perim Spc (G.SW3)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.23	419.4	4529.9
47SSW Perim Spc (G.SSW4)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.11	741.3	8005.8
47SSE Perim Spc (G.SSE5)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.20	508.4	5491.2
47ESE Perim Spc (G.ESE6)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.09	853.4	9216.4
47ENE Perim Spc (G.ENE7)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.18	643.5	6949.8
47NE Perim Spc (G.NE8)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.09	1210.8	13076.5
47Core Spc (G.C9)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	183.6	1982.9
47Core Spc (G.C10)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	232.7	2513.0
47Core Spc (G.C11)	1.0	INT	0.0	0.00	0.3	0.00	AIR-CHANGE	0.01	259.0	2797.1
47Core Spc (G.C12)	1.0	INT	0.0	0.99	0.6	0.24	AIR-CHANGE	0.01	568.9	6143.8
47Plnm (G.13)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.10	8211.1	16422.3
Spaces on floor: 4856Mid Flrs										
4856NNW Perim Spc (M.NNW14)	9.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.14	1163.6	12567.0
4856West Perim Spc (M.W15)	9.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1426.6	15406.8
4856SW Perim Spc (M.SW16)	9.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.23	419.4	4529.9
4856SSW Perim Spc (M.SSW17)	9.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.11	741.3	8005.8
4856SSE Perim Spc (M.SSE18)	9.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.20	508.4	5491.2
4856ESE Perim Spc (M.ESE19)	9.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.09	853.4	9216.4
4856ENE Perim Spc (M.ENE20)	9.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.18	643.5	6949.8
4856NE Perim Spc (M.NE21)	9.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.09	1210.8	13076.5

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4856Core Spc (M.C22)	9.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	183.6	1982.9
4856Core Spc (M.C23)	9.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	232.7	2513.0
4856Core Spc (M.C24)	9.0	INT	0.0	0.00	0.3	0.00	AIR-CHANGE	0.01	259.0	2797.1
4856Core Spc (M.C25)	9.0	INT	0.0	0.99	0.6	0.24	AIR-CHANGE	0.01	568.9	6143.8
4856Plnm (M.26)	9.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.10	8211.1	16422.3
Spaces on floor: 5765Mid Flrs										
5765NNW Perim Spc (M.NNW14)	9.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.14	1163.6	12567.0
5765West Perim Spc (M.W15)	9.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1426.6	15406.8
5765SW Perim Spc (M.SW16)	9.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.23	419.4	4529.9
5765SSW Perim Spc (M.SSW17)	9.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.11	741.3	8005.8
5765SSE Perim Spc (M.SSE18)	9.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.20	508.4	5491.2
5765ESE Perim Spc (M.ESE19)	9.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.09	853.4	9216.4
5765ENE Perim Spc (M.ENE20)	9.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.18	643.5	6949.8
5765NE Perim Spc (M.NE21)	9.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.09	1210.8	13076.5
5765Core Spc (M.C22)	9.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	183.6	1982.9
5765Core Spc (M.C23)	9.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	232.7	2513.0
5765Core Spc (M.C24)	9.0	INT	0.0	0.00	0.3	0.00	AIR-CHANGE	0.01	259.0	2797.1
5765Core Spc (M.C25)	9.0	INT	0.0	0.99	0.6	0.24	AIR-CHANGE	0.01	568.9	6143.8
5765Plnm (M.26)	9.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.10	8211.1	16422.3
Spaces on floor: 66Top Flr										
66NNW Perim Spc (T.NNW27)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.11	1163.6	16290.5
66West Perim Spc (T.W28)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.06	1426.6	19971.8
66SW Perim Spc (T.SW29)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.18	419.4	5872.1
66SSW Perim Spc (T.SSW30)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.09	741.3	10377.8
66SSE Perim Spc (T.SSE31)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.16	508.4	7118.2
66ESE Perim Spc (T.ESE32)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.07	853.4	11947.2
66ENE Perim Spc (T.ENE33)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.14	643.5	9009.0
66NE Perim Spc (T.NE34)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.07	1210.8	16951.1
66Core Spc (T.C35)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	183.6	2570.4
66Core Spc (T.C36)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	232.7	3257.6
66Core Spc (T.C37)	1.0	INT	0.0	0.00	0.3	0.00	AIR-CHANGE	0.00	259.0	3625.9
66Core Spc (T.C38)	1.0	INT	0.0	0.99	0.6	0.24	AIR-CHANGE	0.00	568.9	7964.2
66Plnm (T.39)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.10	8211.1	16422.3
Spaces on floor: 67MCGround Flr										
67MCNNW Perim Spc (G.NNW1)	1.0	EXT	90.0	0.88	4.7	0.25	AIR-CHANGE	0.16	1163.6	32581.1
67MCWest Perim Spc (G.W2)	1.0	EXT	0.0	0.88	5.7	0.25	AIR-CHANGE	0.09	1426.6	39943.7
67MCSW Perim Spc (G.SW3)	1.0	EXT	90.0	0.88	1.7	0.25	AIR-CHANGE	0.27	419.4	11744.2
67MCSSW Perim Spc (G.SSW4)	1.0	EXT	0.0	0.88	3.0	0.25	AIR-CHANGE	0.13	741.3	20755.7
67MCSSE Perim Spc (G.SSE5)	1.0	EXT	-90.0	0.88	2.0	0.25	AIR-CHANGE	0.23	508.4	14236.5
67MCESE Perim Spc (G.ESE6)	1.0	EXT	-90.0	0.88	3.4	0.25	AIR-CHANGE	0.10	853.4	23894.4
67MCENE Perim Spc (G.ENE7)	1.0	EXT	90.0	0.88	2.6	0.25	AIR-CHANGE	0.21	643.5	18018.0
67MCNE Perim Spc (G.NE8)	1.0	EXT	-90.0	0.88	4.8	0.25	AIR-CHANGE	0.10	1210.8	33902.1
67MCCore Spc (G.C9)	1.0	INT	0.0	0.88	0.7	0.25	AIR-CHANGE	0.00	183.6	5140.8
67MCCore Spc (G.C10)	1.0	INT	0.0	0.88	0.9	0.25	AIR-CHANGE	0.00	232.7	6515.3
67MCCore Spc (G.C11)	1.0	INT	0.0	0.88	2.3	0.25	AIR-CHANGE	0.00	568.9	15928.4
67MCCore Spc (G.C12)	1.0	INT	0.0	0.88	1.0	0.25	AIR-CHANGE	0.00	259.0	7251.7
ERU-67-1 Spc	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	10000.0	100000.0
ERU-67-2 Spc	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	10000.0	100000.0
Spaces on floor: 68Ground Flr (rev: 69)										
68NNW Perim Spc (G.NNW1)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.16	987.4	13823.0

Extell 221 West 57th St DOE-2.2-47h2 9/17/2015 16:41:03 BDL RUN 4

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(CONTINUED)

68NE Perim Spc (G.NE2)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.11	1277.7	17887.4
68ESE Perim Spc (G.ESE3)	1.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.60	230.2	3223.4
68West Perim Spc (G.W4)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1351.7	18923.5
68SW Perim Spc (G.SW5)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.24	390.4	5465.3
68South Perim Spc (G.S6)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.18	741.3	10377.8
68Core Spc (G.C7)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	232.7	3257.6
68Core Spc (G.C8)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	183.6	2570.4
68ESE Perim Spc (G.ESE9)	1.0	EXT	-90.0	0.00	1.7	0.00	AIR-CHANGE	0.24	259.0	3625.9
68Core Spc (G.C10)	1.0	EXT	-90.0	0.99	0.6	0.00	AIR-CHANGE	0.00	568.9	7964.2
68Plnm (G.11)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.14	6222.8	12445.5
Spaces on floor: 68DBGround Flr (rev: 69db)										
68DBWNW Perim Spc (G.WNW1)	1.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.24	1800.6	54018.9
68DBPlnm (G.2)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.24	1800.6	3601.3
Spaces on floor: 69Ground Flr (rev: 70)										
69NNW Perim Spc (G.NNW1)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.16	987.4	13823.0
69NE Perim Spc (G.NE2)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.11	1277.7	17887.4
69ESE Perim Spc (G.ESE3)	1.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.60	230.2	3223.4
69West Perim Spc (G.W4)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1351.7	18923.5
69SW Perim Spc (G.SW5)	1.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.24	390.4	5465.3
69South Perim Spc (G.S6)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.18	741.3	10377.8
69Core Spc (G.C7)	1.0	INT	0.0	0.00	1.3	0.00	AIR-CHANGE	0.00	232.7	3257.6
69Core Spc (G.C8)	1.0	INT	0.0	0.00	1.0	0.00	AIR-CHANGE	0.00	183.6	2570.4
69ESE Perim Spc (G.ESE9)	1.0	EXT	-90.0	0.00	1.5	0.00	AIR-CHANGE	0.24	259.0	3625.9
69Core Spc (G.C10)	1.0	EXT	-90.0	0.99	3.2	0.24	AIR-CHANGE	0.00	568.9	7964.2
69Plnm (G.11)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.14	6222.8	12445.5
Spaces on floor: 70Ground Flr (rev: 68)										
70NNW Perim Spc (G.NNW1)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.16	1017.3	10986.6
70West Perim Spc (G.W2)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1321.8	14275.0
70SW Perim Spc (G.SW3)	1.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.24	390.4	4216.1
70South Perim Spc (G.S4)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.17	922.4	9962.2
70NE Perim Spc (G.NE5)	1.0	EXT	-90.0	0.66	0.0	0.24	AIR-CHANGE	0.23	512.2	5531.6
70ENE Perim Spc (G.ENE6)	1.0	EXT	180.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1385.7	14965.0
70SE Perim Spc (G.SE7)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.13	860.7	9296.1
70Core Spc (G.C8)	1.0	INT	0.0	0.00	0.4	0.00	AIR-CHANGE	0.01	184.6	1993.9
70Core Spc (G.C9)	1.0	INT	0.0	0.00	0.5	0.00	AIR-CHANGE	0.01	233.3	2519.9
70Core Spc (G.C10)	1.0	INT	0.0	0.00	0.5	0.00	AIR-CHANGE	0.01	259.0	2797.1
70Core Spc (G.C11)	1.0	INT	0.0	0.99	1.2	0.24	AIR-CHANGE	0.01	569.1	6146.0
70Plnm (G.12)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.11	7656.4	15312.9
Spaces on floor: 7179Mid Flrs										
7179NNW Perim Spc (M.NNW13)	9.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.16	1017.3	10986.6
7179West Perim Spc (M.W14)	9.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1321.8	14275.0
7179SW Perim Spc (M.SW15)	9.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.24	390.4	4216.1
7179South Perim Spc (M.S16)	9.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.17	922.4	9962.2
7179NE Perim Spc (M.NE17)	9.0	EXT	-90.0	0.66	0.0	0.24	AIR-CHANGE	0.23	512.2	5531.6
7179ENE Perim Spc (M.ENE18)	9.0	EXT	180.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1385.7	14965.0
7179SE Perim Spc (M.SE19)	9.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.13	860.7	9296.1
7179Core Spc (M.C20)	9.0	INT	0.0	0.00	0.4	0.00	AIR-CHANGE	0.01	184.6	1993.9
7179Core Spc (M.C21)	9.0	INT	0.0	0.00	0.5	0.00	AIR-CHANGE	0.01	233.3	2519.9
7179Core Spc (M.C22)	9.0	INT	0.0	0.00	0.5	0.00	AIR-CHANGE	0.01	259.0	2797.1

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(CONTINUED)

7179Core Spc (M.C23)	9.0	INT	0.0	0.99	1.2	0.24	AIR-CHANGE	0.01	569.1	6146.0
7179Plnm (M.24)	9.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.11	7656.4	15312.9
Spaces on floor: 8087Mid Flrs										
8087NNW Perim Spc (M.NNW13)	8.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.16	1017.3	10986.6
8087West Perim Spc (M.W14)	8.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1321.8	14275.0
8087SW Perim Spc (M.SW15)	8.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.24	390.4	4216.1
8087South Perim Spc (M.S16)	8.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.17	922.4	9962.2
8087NE Perim Spc (M.NE17)	8.0	EXT	-90.0	0.66	0.0	0.24	AIR-CHANGE	0.23	512.2	5531.6
8087ENE Perim Spc (M.ENE18)	8.0	EXT	180.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1385.7	14965.0
8087SE Perim Spc (M.SE19)	8.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.13	860.7	9296.1
8087Core Spc (M.C20)	8.0	INT	0.0	0.00	0.4	0.00	AIR-CHANGE	0.01	184.6	1993.9
8087Core Spc (M.C21)	8.0	INT	0.0	0.00	0.5	0.00	AIR-CHANGE	0.01	233.3	2519.9
8087Core Spc (M.C22)	8.0	INT	0.0	0.00	0.5	0.00	AIR-CHANGE	0.01	259.0	2797.1
8087Core Spc (M.C23)	8.0	INT	0.0	0.99	1.2	0.24	AIR-CHANGE	0.01	569.1	6146.0
8087Plnm (M.24)	8.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.11	7656.4	15312.9
Spaces on floor: 88Top Flr										
88NNW Perim Spc (T.NNW25)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.12	1017.3	14241.9
88West Perim Spc (T.W26)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.06	1321.8	18504.6
88SW Perim Spc (T.SW27)	1.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.19	390.4	5465.3
88South Perim Spc (T.S28)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.13	922.4	12913.9
88NE Perim Spc (T.NE29)	1.0	EXT	-90.0	0.66	0.0	0.24	AIR-CHANGE	0.18	512.2	7170.6
88ENE Perim Spc (T.ENE30)	1.0	EXT	180.0	0.66	1.0	0.24	AIR-CHANGE	0.06	1385.7	19399.1
88SE Perim Spc (T.SE31)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.10	860.7	12050.5
88Core Spc (T.C32)	1.0	INT	0.0	0.00	0.4	0.00	AIR-CHANGE	0.00	184.6	2584.7
88Core Spc (T.C33)	1.0	INT	0.0	0.00	0.5	0.00	AIR-CHANGE	0.00	233.3	3266.6
88Core Spc (T.C34)	1.0	INT	0.0	0.00	0.5	0.00	AIR-CHANGE	0.00	259.0	3625.9
88Core Spc (T.C35)	1.0	INT	0.0	0.99	1.2	0.24	AIR-CHANGE	0.00	569.1	7967.1
88Plnm (T.36)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.11	7656.4	15312.9
Spaces on floor: 89Ground Flr (rev: 89 + 91)										
89NNW Perim Spc (G.NNW1)	2.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.17	941.6	13182.4
89NE Perim Spc (G.NE2)	2.0	EXT	-90.0	0.66	0.0	0.24	AIR-CHANGE	0.23	512.2	7170.6
89ESE Perim Spc (G.ESE3)	2.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.06	717.1	10038.9
89West Perim Spc (G.W4)	2.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1397.4	19564.2
89SW Perim Spc (G.SW5)	2.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.24	390.4	5465.3
89South Perim Spc (G.S6)	2.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.18	1002.5	14035.1
89Core Spc (G.C7)	2.0	INT	0.0	0.00	1.3	0.00	AIR-CHANGE	0.00	233.3	3266.6
89Core Spc (G.C8)	2.0	INT	0.0	0.00	1.1	0.00	AIR-CHANGE	0.00	184.6	2584.7
89ESE Perim Spc (G.ESE9)	2.0	EXT	-90.0	0.00	1.5	0.00	AIR-CHANGE	0.24	259.0	3625.9
89Core Spc (G.C10)	2.0	EXT	-90.0	0.99	3.2	0.24	AIR-CHANGE	0.00	569.1	7967.1
89Plnm (G.11)	2.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.13	6207.2	12414.4
Spaces on floor: 89DBGround Flr (rev: 89 + 91)										
89DBWNW Perim Spc (G.WNW1)	2.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.25	1449.3	45651.4
89DBPlnm (G.2)	2.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.25	1449.3	2898.5
Spaces on floor: 90Ground Flr (rev: 90 + 92)										
90NNW Perim Spc (G.NNW1)	2.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.17	941.6	13182.4
90NE Perim Spc (G.NE2)	2.0	EXT	-90.0	0.66	0.0	0.24	AIR-CHANGE	0.23	512.2	7170.6
90ESE Perim Spc (G.ESE3)	2.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.06	717.1	10038.9

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90West Perim Spc (G.W4)	2.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1397.4	19564.2
90SW Perim Spc (G.SW5)	2.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.24	390.4	5465.3
90South Perim Spc (G.S6)	2.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.18	1002.5	14035.1
90Core Spc (G.C7)	2.0	INT	0.0	0.00	1.3	0.00	AIR-CHANGE	0.00	233.3	3266.6
90Core Spc (G.C8)	2.0	INT	0.0	0.00	1.1	0.00	AIR-CHANGE	0.00	184.6	2584.7
90ESE Perim Spc (G.ESE9)	2.0	EXT	-90.0	0.00	1.5	0.00	AIR-CHANGE	0.24	259.0	3625.9
90Core Spc (G.C10)	2.0	EXT	-90.0	0.99	3.2	0.24	AIR-CHANGE	0.00	569.1	7967.1
90Plnm (G.11)	2.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.13	6207.2	12414.4
Spaces on floor: 91Ground Flr (rev: 93)										
91NNW Perim Spc (G.NNW1)	1.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.17	941.6	13182.4
91NE Perim Spc (G.NE2)	1.0	EXT	-90.0	0.66	0.0	0.24	AIR-CHANGE	0.23	512.2	7170.6
91Core Spc (G.C3)	1.0	INT	180.0	0.66	0.0	0.24	AIR-CHANGE	0.00	717.1	10038.9
91West Perim Spc (G.W4)	1.0	EXT	0.0	0.88	5.6	0.25	AIR-CHANGE	0.08	1397.4	19564.2
91SW Perim Spc (G.SW5)	1.0	EXT	90.0	0.88	1.6	0.25	AIR-CHANGE	0.24	390.4	5465.3
91South Perim Spc (G.S6)	1.0	EXT	-90.0	0.88	4.0	0.25	AIR-CHANGE	0.16	1002.5	14035.1
91Core Spc (G.C7)	1.0	INT	0.0	0.00	1.3	0.00	AIR-CHANGE	0.00	233.3	3266.6
91Core Spc (G.C8)	1.0	INT	0.0	0.00	1.1	0.00	AIR-CHANGE	0.00	184.6	2584.7
91Core Spc (G.C9)	1.0	INT	0.0	0.00	1.5	0.00	AIR-CHANGE	0.00	259.0	3625.9
91Core Spc (G.C10)	1.0	INT	0.0	0.99	3.2	0.25	AIR-CHANGE	0.00	569.1	7967.1
91ESE Perim Spc (G.ESE11)	1.0	EXT	90.0	0.88	5.8	0.25	AIR-CHANGE	0.15	1449.3	20289.5
91Plnm (G.12)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.11	7656.4	15312.9
ERU-91-1 Spc	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	10000.0	100000.0
Spaces on floor: 92Ground Flr (rev: 94)										
92NNW Perim Spc (G.NNW1)	1.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.17	941.6	13182.4
92NE Perim Spc (G.NE2)	1.0	EXT	-90.0	0.66	0.0	0.24	AIR-CHANGE	0.23	512.2	7170.6
92Core Spc (G.C3)	1.0	INT	180.0	0.66	0.0	0.24	AIR-CHANGE	0.00	717.1	10038.9
92West Perim Spc (G.W4)	1.0	EXT	0.0	0.88	0.0	0.25	AIR-CHANGE	0.08	1397.4	19564.2
92SW Perim Spc (G.SW5)	1.0	EXT	90.0	0.88	1.6	0.25	AIR-CHANGE	0.24	390.4	5465.3
92South Perim Spc (G.S6)	1.0	EXT	-90.0	0.88	4.0	0.25	AIR-CHANGE	0.16	1002.5	14035.1
92Core Spc (G.C7)	1.0	INT	0.0	0.00	1.3	0.00	AIR-CHANGE	0.00	233.3	3266.6
92Core Spc (G.C8)	1.0	INT	0.0	0.00	1.1	0.25	AIR-CHANGE	0.00	184.6	2584.7
92Core Spc (G.C9)	1.0	INT	0.0	0.00	1.5	0.00	AIR-CHANGE	0.00	259.0	3625.9
92Core Spc (G.C10)	1.0	INT	0.0	1.00	3.2	0.25	AIR-CHANGE	0.00	569.1	7967.1
92ESE Perim Spc (G.ESE11)	1.0	EXT	90.0	0.88	5.8	0.25	AIR-CHANGE	0.15	1449.3	20289.5
92Plnm (G.12)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.11	7656.4	15312.9
Spaces on floor: 93MER										
93MERSpace	2.0	EXT	0.0	0.88	6.9	0.25	NO-INFILT.	0.00	6889.0	124002.0
BUILDING TOTALS					7870.0				2096481.0	20073558.0

REPORT- LV-D Details of Exterior Surfaces WEATHER FILE- New York CityNY TMY2

NUMBER OF EXTERIOR SURFACES 857
(U-VALUE INCLUDES OUTSIDE FILM; WINDOW INCLUDES FRAME AND CURB, IF DEFINED)

SURFACE	- - - W I N D O W S - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	- - - - W A L L - - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	-W A L L + W I N D O W S- U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	AZIMUTH
68DBNNW Wall (G.WNW1.E5) in space: 68DBWNW Perim Spc (G.WNW1)	0.000	0.00	0.268	366.00	0.268	366.00	NORTH
68DBNNW Wall (G.2.E11) in space: 68DBPlnm (G.2)	0.000	0.00	0.268	24.40	0.268	24.40	NORTH
Exterior Wall 885 in space: 93MERSpace	0.000	0.00	0.268	2988.00	0.268	2988.00	NORTH
GNNE Wall (G.NNE3.E5) in space: GNNE Perim Spc (G.NNE3)	0.000	0.00	0.307	1290.08	0.307	1290.08	NORTH
6MCNNE Wall (G.N2.E5) in space: 6MCNorth Perim Spc (G.N2)	0.000	0.00	0.307	3767.56	0.307	3767.56	NORTH
GNNE Wall (G.18.E29) in space: GPlnm (G.18)	0.000	0.00	0.268	42.10	0.268	42.10	NORTH
GNNE Wall (G.18.E31) in space: GPlnm (G.18)	0.000	0.00	0.268	137.60	0.268	137.60	NORTH
GNNE Wall (G.18.E32) in space: GPlnm (G.18)	0.000	0.00	0.268	162.40	0.268	162.40	NORTH
GNNE Wall (G.18.E34) in space: GPlnm (G.18)	0.000	0.00	0.268	172.00	0.268	172.00	NORTH
1MNNE Wall (G.NW1.E2) in space: 1MNW Perim Spc (G.NW1)	0.572	108.00	0.268	12.00	0.542	120.00	NORTH
1MNNE Wall (G.N2.E3) in space: 1MNorth Perim Spc (G.N2)	0.000	0.00	0.307	837.20	0.307	837.20	NORTH
1MNNE Wall (G.NNE6.E11) in space: 1MNNE Perim Spc (G.NNE6)	0.572	1114.92	0.268	123.88	0.542	1238.80	NORTH
25NNE Wall (G.NW1.E2) in space: 25NW Perim Spc (G.NW1)	0.572	249.38	0.268	13.13	0.557	262.50	NORTH
25NNE Wall (G.N2.E3) in space: 25North Perim Spc (G.N2)	0.000	0.00	0.307	1831.38	0.307	1831.38	NORTH
25NNE Wall (G.NNE11.E14) in space: 25NNE Perim Spc (G.NNE11)	0.572	1807.98	0.268	95.15	0.557	1903.13	NORTH
Exterior Wall 888 in space: 25NNE Perim Spc (G.NNE11)	0.572	841.00	0.268	59.00	0.552	900.00	NORTH
25NNE Wall (G.NNE12.E15) in space: 25NNE Perim Spc (G.NNE12)	0.572	766.41	0.268	40.34	0.557	806.75	NORTH
25NNE Wall (M.NW17.E17) in space: 25NW Perim Spc (M.NW17)	0.572	498.75	0.268	26.25	0.557	525.00	NORTH
25NNE Wall (M.N18.E18) in space: 25North Perim Spc (M.N18)	0.000	0.00	0.307	3662.75	0.307	3662.75	NORTH
25NNE Wall (M.NNE27.E29) in space: 25NNE Perim Spc (M.NNE27)	0.572	3615.96	0.268	190.29	0.557	3806.25	NORTH
Exterior Wall 889 in space: 25NNE Perim Spc (M.NNE27)	0.572	1682.00	0.268	118.00	0.552	1800.00	NORTH
25NNE Wall (M.NNE28.E30) in space: 25NNE Perim Spc (M.NNE28)	0.572	1532.83	0.268	80.67	0.557	1613.50	NORTH
25NNE Wall (T.NW33.E32) in space: 25NW Perim Spc (T.NW33)	0.572	249.38	0.268	13.13	0.557	262.50	NORTH
25NNE Wall (T.N34.E33) in space: 25North Perim Spc (T.N34)	0.000	0.00	0.307	1831.38	0.307	1831.38	NORTH

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25NNE Wall (T.NNE43.E44)	0.572	1807.98	0.268	95.15	0.557	1903.13	NORTH
in space: 25NNE Perim Spc (T.NNE43)							
Exterior Wall 890	0.572	841.00	0.268	59.00	0.552	900.00	NORTH
in space: 25NNE Perim Spc (T.NNE43)							
25NNE Wall (T.NNE44.E45)	0.572	766.41	0.268	40.34	0.557	806.75	NORTH
in space: 25NNE Perim Spc (T.NNE44)							
GNNE Wall (G.NW1.E2)	0.572	202.30	0.268	7.70	0.561	210.00	NORTH
in space: GNW Perim Spc (G.NW1)							
6MCNNE Wall (G.NW3.E7)	0.000	0.00	0.268	540.00	0.268	540.00	NORTH
in space: 6MCNW Perim Spc (G.NW3)							
6MCNNE Wall (G.NNE4.E8)	0.000	0.00	0.268	5574.60	0.268	5574.60	NORTH
in space: 6MCNNE Perim Spc (G.NNE4)							
6MCNNE Wall (G.11.E14)	0.000	0.00	0.268	339.70	0.268	339.70	NORTH
in space: 6MCPlnm (G.11)							
6MCNNE Wall (G.11.E16)	0.000	0.00	0.268	209.30	0.268	209.30	NORTH
in space: 6MCPlnm (G.11)							
Exterior Wall 895	0.000	0.00	0.268	1080.00	0.268	1080.00	NORTH
in space: 6MC Top Spc							
8ANNE Wall (G.NW1.E2)	0.000	0.00	0.268	387.60	0.268	387.60	NORTH
in space: 8ANW Perim Spc (G.NW1)							
8ANNE Wall (G.WSW2.E6)	0.373	262.50	0.268	1543.50	0.283	1806.00	NORTH
in space: 8AWSW Perim Spc (G.WSW2)							
8ANNE Wall (G.NNE3.E8)	0.000	0.00	0.268	204.00	0.268	204.00	NORTH
in space: 8ANNE Perim Spc (G.NNE3)							
8ANNE Wall (G.NNE5.E9)	0.000	0.00	0.268	429.60	0.268	429.60	NORTH
in space: 8ANNE Perim Spc (G.NNE5)							
8ANNE Wall (G.NNE7.E10)	0.000	0.00	0.268	252.00	0.268	252.00	NORTH
in space: 8ANNE Perim Spc (G.NNE7)							
8ANNE Wall (G.ESE12.E17)	0.000	0.00	0.268	109.20	0.268	109.20	NORTH
in space: 8AESE Perim Spc (G.ESE12)							
8MCNNE Wall (G.NNE1.E3)	0.000	0.00	0.268	597.00	0.268	597.00	NORTH
in space: 8MANNE Perim Spc (G.NNE1)							
8MCNNE Wall (G.SSW2.E6)	0.000	0.00	0.268	846.00	0.268	846.00	NORTH
in space: 8MASSW Perim Spc (G.SSW2)							
10ANNE Wall (G.N8.E12)	0.373	936.88	0.268	401.52	0.342	1338.40	NORTH
in space: 10ANorth Perim Spc (G.N8)							
10ANNE Wall (G.ENE9.E13)	0.373	365.05	0.268	156.45	0.342	521.50	NORTH
in space: 10AENE Perim Spc (G.ENE9)							
10ANNE Wall (G.10.E20)	0.000	0.00	0.268	5535.86	0.268	5535.86	NORTH
in space: 10APlnm (G.10)							
10MNNE Wall (G.N8.E12)	0.000	0.00	0.268	5576.35	0.268	5576.35	NORTH
in space: 10MNorth Perim Spc (G.N8)							
10MNNE Wall (G.ENE9.E13)	0.000	0.00	0.268	2172.79	0.268	2172.79	NORTH
in space: 10MENE Perim Spc (G.ENE9)							
11MCNNE Wall (G.NNE1.E4)	0.000	0.00	0.268	3807.41	0.268	3807.41	NORTH
in space: 11MCNNE Perim Spc (G.NNE1)							
11DBNNE Wall (G.WNW1.E4)	0.000	0.00	0.268	2126.45	0.268	2126.45	NORTH
in space: 11DBWNW Perim Spc (G.WNW1)							
1519NNE Wall (G.WNW6.E3)	0.373	856.24	0.268	111.26	0.361	967.50	NORTH
in space: 1519WNW Perim Spc (G.WNW6)							
1519NNE Wall (G.NNE7.E4)	0.373	2730.00	0.268	355.50	0.361	3085.50	NORTH
in space: 1519NNE Perim Spc (G.NNE7)							
1519NNE Wall (G.E8.E6)	0.408	750.00	0.268	16.50	0.405	766.50	NORTH
in space: 1519East Perim Spc (G.E8)							
1519NNE Wall (G.14.E23)	0.000	0.00	0.268	867.51	0.268	867.51	NORTH
in space: 1519Plnm (G.14)							
1519NNE Wall (M.WNW20.E26)	0.373	1427.06	0.268	185.44	0.361	1612.50	NORTH
in space: 1519WNW Perim Spc (M.WNW20)							

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1519NNE Wall (M.NNE21.E27)	0.373	4550.00	0.268	592.50	0.361	5142.50	NORTH
in space: 1519NNE Perim Spc (M.NNE21)							
1519NNE Wall (M.E22.E29)	0.408	1250.00	0.268	27.50	0.405	1277.50	NORTH
in space: 1519East Perim Spc (M.E22)							
1519NNE Wall (M.28.E46)	0.000	0.00	0.268	1445.85	0.268	1445.85	NORTH
in space: 1519Plnm (M.28)							
1519NNE Wall (T.WNW34.E49)	0.373	285.41	0.268	166.09	0.334	451.50	NORTH
in space: 1519WNW Perim Spc (T.WNW34)							
1519NNE Wall (T.NNE35.E50)	0.373	910.00	0.268	529.90	0.334	1439.90	NORTH
in space: 1519NNE Perim Spc (T.NNE35)							
1519NNE Wall (T.E36.E52)	0.408	250.00	0.268	107.70	0.366	357.70	NORTH
in space: 1519East Perim Spc (T.E36)							
1519NNE Wall (T.42.E69)	0.000	0.00	0.268	289.17	0.268	289.17	NORTH
in space: 1519Plnm (T.42)							
2026NNE Wall (G.E6.E1)	0.408	250.00	0.268	107.70	0.366	357.70	NORTH
in space: 2026East Perim Spc (G.E6)							
2026NNE Wall (G.WNW7.E5)	0.373	285.41	0.268	166.09	0.334	451.50	NORTH
in space: 2026WNW Perim Spc (G.WNW7)							
2026NNE Wall (G.NNE8.E6)	0.373	910.00	0.268	529.90	0.334	1439.90	NORTH
in space: 2026NNE Perim Spc (G.NNE8)							
2026NNE Wall (G.14.E20)	0.000	0.00	0.268	289.17	0.268	289.17	NORTH
in space: 2026Plnm (G.14)							
2026NNE Wall (M.E20.E21)	0.408	1250.00	0.268	27.50	0.405	1277.50	NORTH
in space: 2026East Perim Spc (M.E20)							
2026NNE Wall (M.WNW21.E25)	0.373	1427.06	0.268	185.44	0.361	1612.50	NORTH
in space: 2026WNW Perim Spc (M.WNW21)							
2026NNE Wall (M.NNE22.E26)	0.373	4550.00	0.268	592.50	0.361	5142.50	NORTH
in space: 2026NNE Perim Spc (M.NNE22)							
2026NNE Wall (M.28.E40)	0.000	0.00	0.268	1445.85	0.268	1445.85	NORTH
in space: 2026Plnm (M.28)							
2026NNE Wall (T.E34.E41)	0.408	250.00	0.268	107.70	0.366	357.70	NORTH
in space: 2026East Perim Spc (T.E34)							
2026NNE Wall (T.WNW35.E45)	0.373	285.41	0.268	166.09	0.334	451.50	NORTH
in space: 2026WNW Perim Spc (T.WNW35)							
2026NNE Wall (T.NNE36.E46)	0.373	910.00	0.268	529.90	0.334	1439.90	NORTH
in space: 2026NNE Perim Spc (T.NNE36)							
2026NNE Wall (T.42.E60)	0.000	0.00	0.268	289.17	0.268	289.17	NORTH
in space: 2026Plnm (T.42)							
27MCNNE Wall (G.E6.E1)	0.000	0.00	0.268	459.90	0.268	459.90	NORTH
in space: 27MCEast Perim Spc (G.E6)							
27MCNNE Wall (G.WNW7.E5)	0.000	0.00	0.268	580.50	0.268	580.50	NORTH
in space: 27MCWNW Perim Spc (G.WNW7)							
27MCNNE Wall (G.NNE8.E6)	0.000	0.00	0.268	1851.30	0.268	1851.30	NORTH
in space: 27MCNNE Perim Spc (G.NNE8)							
28NNE Wall (G.NNW5.E2)	0.373	328.78	0.268	191.32	0.334	520.10	NORTH
in space: 28NNW Perim Spc (G.NNW5)							
28NNE Wall (G.NNE6.E3)	0.373	329.66	0.268	191.84	0.334	521.50	NORTH
in space: 28NNE Perim Spc (G.NNE6)							
28NNE Wall (G.E7.E4)	0.408	245.00	0.268	112.70	0.364	357.70	NORTH
in space: 28East Perim Spc (G.E7)							
28NNE Wall (G.13.E16)	0.000	0.00	0.268	199.90	0.268	199.90	NORTH
in space: 28Plnm (G.13)							
2936NNE Wall (M.NNW18.E18)	0.373	2630.22	0.268	282.34	0.363	2912.56	NORTH
in space: 2936NNW Perim Spc (M.NNW18)							
2936NNE Wall (M.NNE19.E19)	0.373	2637.30	0.268	283.10	0.363	2920.40	NORTH
in space: 2936NNE Perim Spc (M.NNE19)							
2936NNE Wall (M.E20.E20)	0.408	1960.00	0.268	43.12	0.405	2003.12	NORTH
in space: 2936East Perim Spc (M.E20)							

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2936NNE Wall (M.26.E32)	0.000	0.00	0.268	1599.20	0.268	1599.20	NORTH
in space: 2936Plnm (M.26)							
3744NNE Wall (M.NNW18.E18)	0.373	2630.22	0.268	282.34	0.363	2912.56	NORTH
in space: 3744NNW Perim Spc (M.NNW18)							
3744NNE Wall (M.NNE19.E19)	0.373	2637.30	0.268	283.10	0.363	2920.40	NORTH
in space: 3744NNE Perim Spc (M.NNE19)							
3744NNE Wall (M.E20.E20)	0.408	1960.00	0.268	43.12	0.405	2003.12	NORTH
in space: 3744East Perim Spc (M.E20)							
3744NNE Wall (M.26.E32)	0.000	0.00	0.268	1599.20	0.268	1599.20	NORTH
in space: 3744Plnm (M.26)							
45NNE Wall (T.NNW31.E34)	0.373	328.78	0.268	191.32	0.334	520.10	NORTH
in space: 45NNW Perim Spc (T.NNW31)							
45NNE Wall (T.NNE32.E35)	0.373	329.66	0.268	191.84	0.334	521.50	NORTH
in space: 45NNE Perim Spc (T.NNE32)							
45NNE Wall (T.E33.E36)	0.408	245.00	0.268	112.70	0.364	357.70	NORTH
in space: 45East Perim Spc (T.E33)							
45NNE Wall (T.39.E48)	0.000	0.00	0.268	199.90	0.268	199.90	NORTH
in space: 45Plnm (T.39)							
46MCNNE Wall (T.NNW31.E34)	0.000	0.00	0.268	668.70	0.268	668.70	NORTH
in space: 46MCNNW Perim Spc (T.NNW31)							
46MCNNE Wall (T.NNE32.E35)	0.000	0.00	0.268	670.50	0.268	670.50	NORTH
in space: 46MCNNE Perim Spc (T.NNE32)							
46MCNNE Wall (T.E33.E36)	0.000	0.00	0.268	459.90	0.268	459.90	NORTH
in space: 46MCEast Perim Spc (T.E33)							
46MCNNE Wall (T.39.E48)	0.000	0.00	0.268	199.90	0.268	199.90	NORTH
in space: 46MCPlnm (T.39)							
47NNE Wall (G.NNW1.E2)	0.373	259.20	0.268	32.40	0.361	291.60	NORTH
in space: 47NNW Perim Spc (G.NNW1)							
47NNE Wall (G.NNW1.E4)	0.373	97.44	0.268	12.18	0.361	109.62	NORTH
in space: 47NNW Perim Spc (G.NNW1)							
47NNE Wall (G.ENE7.E15)	0.406	270.00	0.268	27.00	0.393	297.00	NORTH
in space: 47ENE Perim Spc (G.ENE7)							
47NNE Wall (G.NE8.E17)	0.373	338.88	0.268	42.36	0.361	381.24	NORTH
in space: 47NE Perim Spc (G.NE8)							
47NNE Wall (G.13.E23)	0.000	0.00	0.268	55.00	0.268	55.00	NORTH
in space: 47Plnm (G.13)							
47NNE Wall (G.13.E25)	0.000	0.00	0.268	124.60	0.268	124.60	NORTH
in space: 47Plnm (G.13)							
47NNE Wall (G.13.E27)	0.000	0.00	0.268	20.30	0.268	20.30	NORTH
in space: 47Plnm (G.13)							
4856NNE Wall (M.NNW14.E29)	0.373	2332.80	0.268	291.60	0.361	2624.40	NORTH
in space: 4856NNW Perim Spc (M.NNW14)							
4856NNE Wall (M.NNW14.E31)	0.373	876.96	0.268	109.62	0.361	986.58	NORTH
in space: 4856NNW Perim Spc (M.NNW14)							
4856NNE Wall (M.ENE20.E41)	0.406	2429.99	0.268	243.01	0.393	2673.00	NORTH
in space: 4856ENE Perim Spc (M.ENE20)							
4856NNE Wall (M.NE21.E43)	0.373	3049.92	0.268	381.24	0.361	3431.16	NORTH
in space: 4856NE Perim Spc (M.NE21)							
4856NNE Wall (M.26.E49)	0.000	0.00	0.268	495.00	0.268	495.00	NORTH
in space: 4856Plnm (M.26)							
4856NNE Wall (M.26.E51)	0.000	0.00	0.268	1121.40	0.268	1121.40	NORTH
in space: 4856Plnm (M.26)							
4856NNE Wall (M.26.E53)	0.000	0.00	0.268	182.70	0.268	182.70	NORTH
in space: 4856Plnm (M.26)							
5765NNE Wall (M.NNW14.E29)	0.373	2332.80	0.268	291.60	0.361	2624.40	NORTH
in space: 5765NNW Perim Spc (M.NNW14)							
5765NNE Wall (M.NNW14.E31)	0.373	876.96	0.268	109.62	0.361	986.58	NORTH
in space: 5765NNW Perim Spc (M.NNW14)							

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5765NNE Wall (M.ENE20.E41)	0.406	2429.99	0.268	243.01	0.393	2673.00	NORTH
in space: 5765ENE Perim Spc (M.ENE20)							
5765NNE Wall (M.NE21.E43)	0.373	3049.92	0.268	381.24	0.361	3431.16	NORTH
in space: 5765NE Perim Spc (M.NE21)							
5765NNE Wall (M.26.E49)	0.000	0.00	0.268	495.00	0.268	495.00	NORTH
in space: 5765Plnm (M.26)							
5765NNE Wall (M.26.E51)	0.000	0.00	0.268	1121.40	0.268	1121.40	NORTH
in space: 5765Plnm (M.26)							
5765NNE Wall (M.26.E53)	0.000	0.00	0.268	182.70	0.268	182.70	NORTH
in space: 5765Plnm (M.26)							
66NNE Wall (T.NNW27.E55)	0.373	259.20	0.268	118.80	0.340	378.00	NORTH
in space: 66NNW Perim Spc (T.NNW27)							
66NNE Wall (T.NNW27.E57)	0.373	97.44	0.268	44.66	0.340	142.10	NORTH
in space: 66NNW Perim Spc (T.NNW27)							
66NNE Wall (T.ENE33.E67)	0.406	270.00	0.268	115.00	0.365	385.00	NORTH
in space: 66ENE Perim Spc (T.ENE33)							
66NNE Wall (T.NE34.E69)	0.373	338.88	0.268	155.32	0.340	494.20	NORTH
in space: 66NE Perim Spc (T.NE34)							
66NNE Wall (T.39.E75)	0.000	0.00	0.268	55.00	0.268	55.00	NORTH
in space: 66Plnm (T.39)							
66NNE Wall (T.39.E77)	0.000	0.00	0.268	124.60	0.268	124.60	NORTH
in space: 66Plnm (T.39)							
66NNE Wall (T.39.E79)	0.000	0.00	0.268	20.30	0.268	20.30	NORTH
in space: 66Plnm (T.39)							
67MCNNE Wall (G.NNW1.E2)	0.000	0.00	0.268	756.00	0.268	756.00	NORTH
in space: 67MCNNW Perim Spc (G.NNW1)							
67MCNNE Wall (G.NNW1.E4)	0.000	0.00	0.268	284.20	0.268	284.20	NORTH
in space: 67MCNNW Perim Spc (G.NNW1)							
67MCNNE Wall (G.ENE7.E14)	0.000	0.00	0.268	770.00	0.268	770.00	NORTH
in space: 67MCENE Perim Spc (G.ENE7)							
67MCNNE Wall (G.NE8.E16)	0.000	0.00	0.268	988.40	0.268	988.40	NORTH
in space: 67MCNE Perim Spc (G.NE8)							
68NNE Wall (G.NNW1.E2)	0.373	230.40	0.268	38.40	0.358	268.80	NORTH
in space: 68NNW Perim Spc (G.NNW1)							
68NNE Wall (G.NNW1.E4)	0.373	192.00	0.268	32.00	0.358	224.00	NORTH
in space: 68NNW Perim Spc (G.NNW1)							
68NNE Wall (G.NE2.E6)	0.373	447.00	0.268	74.50	0.358	521.50	NORTH
in space: 68NE Perim Spc (G.NE2)							
68NNE Wall (G.ESE3.E12)	0.401	350.00	0.268	35.00	0.389	385.00	NORTH
in space: 68ESE Perim Spc (G.ESE3)							
68NNE Wall (G.11.E30)	0.000	0.00	0.268	55.00	0.268	55.00	NORTH
in space: 68Plnm (G.11)							
68NNE Wall (G.11.E32)	0.000	0.00	0.268	112.90	0.268	112.90	NORTH
in space: 68Plnm (G.11)							
68NNE Wall (G.11.E34)	0.000	0.00	0.268	32.00	0.268	32.00	NORTH
in space: 68Plnm (G.11)							
68DBNNE Wall (G.WNW1.E4)	0.000	0.00	0.268	105.00	0.268	105.00	NORTH
in space: 68DBWNW Perim Spc (G.WNW1)							
GNNE Wall (G.E6.E10)	0.572	304.17	0.268	11.48	0.561	315.65	NORTH
in space: GEast Perim Spc (G.E6)							
68DBNNE Wall (G.WNW1.E6)	0.000	0.00	0.268	456.00	0.268	456.00	NORTH
in space: 68DBWNW Perim Spc (G.WNW1)							
68DBNNE Wall (G.2.E10)	0.000	0.00	0.268	7.00	0.268	7.00	NORTH
in space: 68DBPlnm (G.2)							
GNNE Wall (G.NNE7.E11)	0.572	715.28	0.268	27.22	0.561	742.50	NORTH
in space: GNNE Perim Spc (G.NNE7)							
68DBNNE Wall (G.2.E12)	0.000	0.00	0.268	30.40	0.268	30.40	NORTH
in space: 68DBPlnm (G.2)							

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69NNE Wall (G.NNW1.E2)	0.373	230.40	0.268	38.40	0.358	268.80	NORTH
in space: 69NNW Perim Spc (G.NNW1)							
69NNE Wall (G.NNW1.E4)	0.373	192.00	0.268	32.00	0.358	224.00	NORTH
in space: 69NNW Perim Spc (G.NNW1)							
69NNE Wall (G.NE2.E6)	0.373	447.00	0.268	74.50	0.358	521.50	NORTH
in space: 69NE Perim Spc (G.NE2)							
69NNE Wall (G.ESE3.E12)	0.401	350.00	0.268	35.00	0.389	385.00	NORTH
in space: 69ESE Perim Spc (G.ESE3)							
69NNE Wall (G.11.E30)	0.000	0.00	0.268	55.00	0.268	55.00	NORTH
in space: 69Plnm (G.11)							
69NNE Wall (G.11.E32)	0.000	0.00	0.268	112.90	0.268	112.90	NORTH
in space: 69Plnm (G.11)							
69NNE Wall (G.11.E34)	0.000	0.00	0.268	32.00	0.268	32.00	NORTH
in space: 69Plnm (G.11)							
70NNE Wall (G.NNW1.E2)	0.373	153.60	0.268	19.20	0.361	172.80	NORTH
in space: 70NNW Perim Spc (G.NNW1)							
70NNE Wall (G.NNW1.E4)	0.373	184.32	0.268	23.04	0.361	207.36	NORTH
in space: 70NNW Perim Spc (G.NNW1)							
70NNE Wall (G.NE5.E12)	0.373	357.60	0.268	44.70	0.361	402.30	NORTH
in space: 70NE Perim Spc (G.NE5)							
70NNE Wall (G.ENE6.E13)	0.406	270.00	0.268	27.00	0.393	297.00	NORTH
in space: 70ENE Perim Spc (G.ENE6)							
70NNE Wall (G.12.E24)	0.000	0.00	0.268	55.00	0.268	55.00	NORTH
in space: 70Plnm (G.12)							
70NNE Wall (G.12.E26)	0.000	0.00	0.268	112.90	0.268	112.90	NORTH
in space: 70Plnm (G.12)							
70NNE Wall (G.12.E28)	0.000	0.00	0.268	32.00	0.268	32.00	NORTH
in space: 70Plnm (G.12)							
7179NNE Wall (M.NNW13.E30)	0.373	1382.40	0.268	172.80	0.361	1555.20	NORTH
in space: 7179NNW Perim Spc (M.NNW13)							
7179NNE Wall (M.NNW13.E32)	0.373	1658.88	0.268	207.36	0.361	1866.24	NORTH
in space: 7179NNW Perim Spc (M.NNW13)							
7179NNE Wall (M.NE17.E40)	0.373	3218.40	0.268	402.30	0.361	3620.70	NORTH
in space: 7179NE Perim Spc (M.NE17)							
7179NNE Wall (M.ENE18.E41)	0.406	2429.99	0.268	243.01	0.393	2673.00	NORTH
in space: 7179ENE Perim Spc (M.ENE18)							
7179NNE Wall (M.24.E52)	0.000	0.00	0.268	495.00	0.268	495.00	NORTH
in space: 7179Plnm (M.24)							
7179NNE Wall (M.24.E54)	0.000	0.00	0.268	1016.10	0.268	1016.10	NORTH
in space: 7179Plnm (M.24)							
7179NNE Wall (M.24.E56)	0.000	0.00	0.268	288.00	0.268	288.00	NORTH
in space: 7179Plnm (M.24)							
8087NNE Wall (M.NNW13.E30)	0.373	1228.80	0.268	153.60	0.361	1382.40	NORTH
in space: 8087NNW Perim Spc (M.NNW13)							
8087NNE Wall (M.NNW13.E32)	0.373	1474.56	0.268	184.32	0.361	1658.88	NORTH
in space: 8087NNW Perim Spc (M.NNW13)							
8087NNE Wall (M.NE17.E40)	0.373	2860.80	0.268	357.60	0.361	3218.40	NORTH
in space: 8087NE Perim Spc (M.NE17)							
8087NNE Wall (M.ENE18.E41)	0.406	2159.99	0.268	216.01	0.393	2376.00	NORTH
in space: 8087ENE Perim Spc (M.ENE18)							
8087NNE Wall (M.24.E52)	0.000	0.00	0.268	440.00	0.268	440.00	NORTH
in space: 8087Plnm (M.24)							
8087NNE Wall (M.24.E54)	0.000	0.00	0.268	903.20	0.268	903.20	NORTH
in space: 8087Plnm (M.24)							
8087NNE Wall (M.24.E56)	0.000	0.00	0.268	256.00	0.268	256.00	NORTH
in space: 8087Plnm (M.24)							
88NNE Wall (T.NNW25.E58)	0.373	153.60	0.268	70.40	0.340	224.00	NORTH
in space: 88NNW Perim Spc (T.NNW25)							

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88NNE Wall (T.NNW25.E60)	0.373	184.32	0.268	84.48	0.340	268.80	NORTH
in space: 88NNW Perim Spc (T.NNW25)							
88NNE Wall (T.NE29.E68)	0.373	357.60	0.268	163.90	0.340	521.50	NORTH
in space: 88NE Perim Spc (T.NE29)							
88NNE Wall (T.ENE30.E69)	0.406	270.00	0.268	115.00	0.365	385.00	NORTH
in space: 88ENE Perim Spc (T.ENE30)							
88NNE Wall (T.36.E80)	0.000	0.00	0.268	55.00	0.268	55.00	NORTH
in space: 88Plnm (T.36)							
88NNE Wall (T.36.E82)	0.000	0.00	0.268	112.90	0.268	112.90	NORTH
in space: 88Plnm (T.36)							
88NNE Wall (T.36.E84)	0.000	0.00	0.268	32.00	0.268	32.00	NORTH
in space: 88Plnm (T.36)							
89NNE Wall (G.NNW1.E2)	0.373	460.80	0.268	76.80	0.358	537.60	NORTH
in space: 89NNW Perim Spc (G.NNW1)							
89NNE Wall (G.NNW1.E4)	0.373	384.00	0.268	64.00	0.358	448.00	NORTH
in space: 89NNW Perim Spc (G.NNW1)							
89NNE Wall (G.NE2.E6)	0.373	894.00	0.268	149.00	0.358	1043.00	NORTH
in space: 89NE Perim Spc (G.NE2)							
89NNE Wall (G.S6.E13)	0.000	0.00	0.268	284.20	0.268	284.20	NORTH
in space: 89South Perim Spc (G.S6)							
89NNE Wall (G.11.E22)	0.000	0.00	0.268	40.60	0.268	40.60	NORTH
in space: 89Plnm (G.11)							
89NNE Wall (G.11.E25)	0.000	0.00	0.268	225.80	0.268	225.80	NORTH
in space: 89Plnm (G.11)							
89NNE Wall (G.11.E27)	0.000	0.00	0.268	64.00	0.268	64.00	NORTH
in space: 89Plnm (G.11)							
89DBNNE Wall (G.WNW1.E4)	0.373	1250.00	0.268	482.50	0.344	1732.50	NORTH
in space: 89DBWNW Perim Spc (G.WNW1)							
89DBNNE Wall (G.2.E8)	0.000	0.00	0.268	110.00	0.268	110.00	NORTH
in space: 89DBPlnm (G.2)							
90NNE Wall (G.NNW1.E2)	0.373	460.80	0.268	76.80	0.358	537.60	NORTH
in space: 90NNW Perim Spc (G.NNW1)							
90NNE Wall (G.NNW1.E4)	0.373	384.00	0.268	64.00	0.358	448.00	NORTH
in space: 90NNW Perim Spc (G.NNW1)							
90NNE Wall (G.NE2.E6)	0.373	894.00	0.268	149.00	0.358	1043.00	NORTH
in space: 90NE Perim Spc (G.NE2)							
90NNE Wall (G.S6.E13)	0.000	0.00	0.268	284.20	0.268	284.20	NORTH
in space: 90South Perim Spc (G.S6)							
90NNE Wall (G.11.E22)	0.000	0.00	0.268	40.60	0.268	40.60	NORTH
in space: 90Plnm (G.11)							
90NNE Wall (G.11.E25)	0.000	0.00	0.268	225.80	0.268	225.80	NORTH
in space: 90Plnm (G.11)							
90NNE Wall (G.11.E27)	0.000	0.00	0.268	64.00	0.268	64.00	NORTH
in space: 90Plnm (G.11)							
91NNE Wall (G.NNW1.E2)	0.405	238.00	0.268	30.80	0.390	268.80	NORTH
in space: 91NNW Perim Spc (G.NNW1)							
91NNE Wall (G.NNW1.E4)	0.407	210.00	0.268	14.00	0.398	224.00	NORTH
in space: 91NNW Perim Spc (G.NNW1)							
91NNE Wall (G.NE2.E6)	0.398	490.00	0.268	31.50	0.390	521.50	NORTH
in space: 91NE Perim Spc (G.NE2)							
91NNE Wall (G.ESE11.E15)	0.000	0.00	0.268	385.00	0.268	385.00	NORTH
in space: 91ESE Perim Spc (G.ESE11)							
91NNE Wall (G.12.E23)	0.000	0.00	0.268	55.00	0.268	55.00	NORTH
in space: 91Plnm (G.12)							
91NNE Wall (G.12.E25)	0.000	0.00	0.268	112.90	0.268	112.90	NORTH
in space: 91Plnm (G.12)							
91NNE Wall (G.12.E27)	0.000	0.00	0.268	32.00	0.268	32.00	NORTH
in space: 91Plnm (G.12)							

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92NNE Wall (G.NNW1.E2)	0.405	238.00	0.268	30.80	0.390	268.80	NORTH
in space: 92NNW Perim Spc (G.NNW1)							
92NNE Wall (G.NNW1.E4)	0.407	210.00	0.268	14.00	0.398	224.00	NORTH
in space: 92NNW Perim Spc (G.NNW1)							
92NNE Wall (G.NE2.E6)	0.398	490.00	0.268	31.50	0.390	521.50	NORTH
in space: 92NE Perim Spc (G.NE2)							
92NNE Wall (G.ESE11.E15)	0.000	0.00	0.268	385.00	0.268	385.00	NORTH
in space: 92ESE Perim Spc (G.ESE11)							
92NNE Wall (G.12.E23)	0.000	0.00	0.268	55.00	0.268	55.00	NORTH
in space: 92Plnm (G.12)							
92NNE Wall (G.12.E25)	0.000	0.00	0.268	112.90	0.268	112.90	NORTH
in space: 92Plnm (G.12)							
92NNE Wall (G.12.E27)	0.000	0.00	0.268	32.00	0.268	32.00	NORTH
in space: 92Plnm (G.12)							
GNNE Wall (G.NNE15.E21)	0.572	994.16	0.268	37.84	0.561	1032.00	NORTH
in space: GNNE Perim Spc (G.NNE15)							
GNNE Wall (G.NW2.E3)	0.572	255.76	0.268	9.72	0.561	265.48	NORTH
in space: GNW Perim Spc (G.NW2)							
Exterior Wall 884	0.000	0.00	0.268	2988.00	0.268	2988.00	EAST
in space: 93MERSpace							
25ESE Wall (G.ESE9.E12)	0.000	0.00	0.307	1870.76	0.307	1870.76	EAST
in space: 25ESE Perim Spc (G.ESE9)							
25ESE Wall (T.ESE41.E42)	0.000	0.00	0.307	1870.76	0.307	1870.76	EAST
in space: 25ESE Perim Spc (T.ESE41)							
GESE Wall (G.E6.E9)	0.000	0.00	0.307	591.00	0.307	591.00	EAST
in space: GEast Perim Spc (G.E6)							
1MESE Wall (G.ESE7.E12)	0.000	0.00	0.307	1562.76	0.307	1562.76	EAST
in space: 1MESE Perim Spc (G.ESE7)							
25ESE Wall (M.ESE25.E27)	0.000	0.00	0.307	3741.51	0.307	3741.51	EAST
in space: 25ESE Perim Spc (M.ESE25)							
5765ESE Wall (M.ESE19.E39)	0.373	2308.61	0.268	937.87	0.343	3246.48	EAST
in space: 5765ESE Perim Spc (M.ESE19)							
5765ESE Wall (M.ENE20.E40)	0.373	1617.41	0.268	657.07	0.343	2274.48	EAST
in space: 5765ENE Perim Spc (M.ENE20)							
2026ESE Wall (G.ESE10.E9)	0.373	236.47	0.268	231.13	0.321	467.60	EAST
in space: 2026ESE Perim Spc (G.ESE10)							
5765ESE Wall (M.NE21.E42)	0.373	753.41	0.268	306.07	0.343	1059.48	EAST
in space: 5765NE Perim Spc (M.NE21)							
2026ESE Wall (G.S13.E13)	0.373	110.45	0.268	107.95	0.321	218.40	EAST
in space: 2026South Perim Spc (G.S13)							
5765ESE Wall (M.26.E48)	0.000	0.00	0.268	1380.60	0.268	1380.60	EAST
in space: 5765Plnm (M.26)							
2026ESE Wall (G.14.E19)	0.000	0.00	0.268	157.68	0.268	157.68	EAST
in space: 2026Plnm (G.14)							
5765ESE Wall (M.26.E50)	0.000	0.00	0.268	196.20	0.268	196.20	EAST
in space: 5765Plnm (M.26)							
10AESE Wall (G.10.E19)	0.000	0.00	0.268	4896.22	0.268	4896.22	EAST
in space: 10APlnm (G.10)							
GESE Wall (G.ESE11.E16)	0.000	0.00	0.307	1724.25	0.307	1724.25	EAST
in space: GESE Perim Spc (G.ESE11)							
2026ESE Wall (M.E20.E22)	0.373	1366.44	0.268	563.56	0.342	1930.00	EAST
in space: 2026East Perim Spc (M.E20)							
10MESE Wall (G.ESE4.E4)	0.000	0.00	0.268	901.20	0.268	901.20	EAST
in space: 10MESE Perim Spc (G.ESE4)							
66ESE Wall (T.SSE31.E63)	0.373	152.83	0.268	125.77	0.326	278.60	EAST
in space: 66SSE Perim Spc (T.SSE31)							
66ESE Wall (T.ESE32.E65)	0.373	256.51	0.268	211.09	0.326	467.60	EAST
in space: 66ESE Perim Spc (T.ESE32)							

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66ESE Wall (T.ENE33.E66)	0.373	179.71	0.268	147.89	0.326	327.60	EAST
in space: 66ENE Perim Spc (T.ENE33)							
10MESE Wall (G.ESE6.E5)	0.000	0.00	0.268	1047.02	0.268	1047.02	EAST
in space: 10MESE Perim Spc (G.ESE6)							
66ESE Wall (T.NE34.E68)	0.373	83.71	0.268	68.89	0.326	152.60	EAST
in space: 66NE Perim Spc (T.NE34)							
2026ESE Wall (M.ESE24.E29)	0.373	1182.36	0.268	487.64	0.342	1670.00	EAST
in space: 2026ESE Perim Spc (M.ESE24)							
66ESE Wall (T.39.E74)	0.000	0.00	0.268	153.40	0.268	153.40	EAST
in space: 66Plnm (T.39)							
2026ESE Wall (M.S27.E33)	0.373	552.24	0.268	227.76	0.342	780.00	EAST
in space: 2026South Perim Spc (M.S27)							
66ESE Wall (T.39.E76)	0.000	0.00	0.268	21.80	0.268	21.80	EAST
in space: 66Plnm (T.39)							
2026ESE Wall (M.28.E39)	0.000	0.00	0.268	788.40	0.268	788.40	EAST
in space: 2026Plnm (M.28)							
10MESE Wall (G.SSW7.E7)	0.000	0.00	0.268	2557.77	0.268	2557.77	EAST
in space: 10MSSW Perim Spc (G.SSW7)							
Exterior Wall 894	0.000	0.00	0.268	1080.00	0.268	1080.00	EAST
in space: 6MC Top Spc							
2026ESE Wall (T.E34.E42)	0.410	205.00	0.268	335.40	0.322	540.40	EAST
in space: 2026East Perim Spc (T.E34)							
67MCESE Wall (G.SSE5.E10)	0.000	0.00	0.268	557.20	0.268	557.20	EAST
in space: 67MCSSE Perim Spc (G.SSE5)							
67MCESE Wall (G.ESE6.E12)	0.000	0.00	0.268	935.20	0.268	935.20	EAST
in space: 67MCESE Perim Spc (G.ESE6)							
67MCESE Wall (G.ENE7.E13)	0.000	0.00	0.268	655.20	0.268	655.20	EAST
in space: 67MCENE Perim Spc (G.ENE7)							
GESE Wall (G.18.E30)	0.000	0.00	0.268	20.70	0.268	20.70	EAST
in space: GPlnm (G.18)							
67MCESE Wall (G.NE8.E15)	0.000	0.00	0.268	305.20	0.268	305.20	EAST
in space: 67MCNE Perim Spc (G.NE8)							
10MESE Wall (G.ENE9.E14)	0.000	0.00	0.268	2347.78	0.268	2347.78	EAST
in space: 10MENE Perim Spc (G.ENE9)							
2026ESE Wall (T.ESE38.E49)	0.373	236.47	0.268	231.13	0.321	467.60	EAST
in space: 2026ESE Perim Spc (T.ESE38)							
2026ESE Wall (T.S41.E53)	0.373	110.45	0.268	107.95	0.321	218.40	EAST
in space: 2026South Perim Spc (T.S41)							
68ESE Wall (G.NE2.E5)	0.373	132.00	0.268	60.50	0.340	192.50	EAST
in space: 68NE Perim Spc (G.NE2)							
2026ESE Wall (T.42.E59)	0.000	0.00	0.268	157.68	0.268	157.68	EAST
in space: 2026Plnm (T.42)							
68ESE Wall (G.NE2.E7)	0.000	0.00	0.268	136.50	0.268	136.50	EAST
in space: 68NE Perim Spc (G.NE2)							
68ESE Wall (G.ESE3.E11)	0.373	22.56	0.268	10.34	0.340	32.90	EAST
in space: 68ESE Perim Spc (G.ESE3)							
11MCESE Wall (G.NNE1.E3)	0.000	0.00	0.268	914.82	0.268	914.82	EAST
in space: 11MCNNE Perim Spc (G.NNE1)							
68ESE Wall (G.S6.E17)	0.000	0.00	0.268	278.60	0.268	278.60	EAST
in space: 68South Perim Spc (G.S6)							
68ESE Wall (G.ESE9.E19)	0.000	0.00	0.268	373.80	0.268	373.80	EAST
in space: 68ESE Perim Spc (G.ESE9)							
68ESE Wall (G.C10.E20)	0.000	0.00	0.268	93.80	0.268	93.80	EAST
in space: 68Core Spc (G.C10)							
68ESE Wall (G.11.E25)	0.000	0.00	0.268	126.10	0.268	126.10	EAST
in space: 68Plnm (G.11)							
68ESE Wall (G.11.E29)	0.000	0.00	0.268	4.70	0.268	4.70	EAST
in space: 68Plnm (G.11)							

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25ESE Wall (T.ESE42.E43)	0.000	0.00	0.307	1547.88	0.307	1547.88	EAST
in space: 25ESE Perim Spc (T.ESE42)							
68ESE Wall (G.11.E31)	0.000	0.00	0.268	27.50	0.268	27.50	EAST
in space: 68Plnm (G.11)							
27MCESE Wall (G.E6.E2)	0.000	0.00	0.268	694.80	0.268	694.80	EAST
in space: 27MCEast Perim Spc (G.E6)							
11MCESE Wall (G.WSW5.E11)	0.000	0.00	0.268	708.63	0.268	708.63	EAST
in space: 11MCWSW Perim Spc (G.WSW5)							
68DBESE Wall (G.WNW1.E3)	0.373	2059.20	0.268	85.80	0.369	2145.00	EAST
in space: 68DBWNW Perim Spc (G.WNW1)							
11MCESE Wall (G.SE6.E13)	0.000	0.00	0.268	1161.30	0.268	1161.30	EAST
in space: 11MCSE Perim Spc (G.SE6)							
27MCESE Wall (G.ESE10.E9)	0.000	0.00	0.268	601.20	0.268	601.20	EAST
in space: 27MCESE Perim Spc (G.ESE10)							
27MCESE Wall (G.S13.E13)	0.000	0.00	0.268	280.80	0.268	280.80	EAST
in space: 27MCSouth Perim Spc (G.S13)							
68DBESE Wall (G.2.E9)	0.000	0.00	0.268	143.00	0.268	143.00	EAST
in space: 68DBPlnm (G.2)							
11DBESE Wall (G.WNW1.E3)	0.000	0.00	0.268	4529.80	0.268	4529.80	EAST
in space: 11DBWNW Perim Spc (G.WNW1)							
GESE Wall (G.SSW12.E18)	0.000	0.00	0.268	123.75	0.268	123.75	EAST
in space: GSSW Perim Spc (G.SSW12)							
GESE Wall (G.NNE15.E20)	0.000	0.00	0.268	155.25	0.268	155.25	EAST
in space: GNNE Perim Spc (G.NNE15)							
28ESE Wall (G.E7.E5)	0.373	273.29	0.268	267.11	0.321	540.40	EAST
in space: 28East Perim Spc (G.E7)							
28ESE Wall (G.ESE8.E6)	0.373	236.47	0.268	231.13	0.321	467.60	EAST
in space: 28ESE Perim Spc (G.ESE8)							
69ESE Wall (G.NE2.E5)	0.373	132.00	0.268	60.50	0.340	192.50	EAST
in space: 69NE Perim Spc (G.NE2)							
28ESE Wall (G.S9.E7)	0.373	110.45	0.268	107.95	0.321	218.40	EAST
in space: 28South Perim Spc (G.S9)							
69ESE Wall (G.NE2.E7)	0.000	0.00	0.268	136.50	0.268	136.50	EAST
in space: 69NE Perim Spc (G.NE2)							
69ESE Wall (G.ESE3.E11)	0.373	22.56	0.268	10.34	0.340	32.90	EAST
in space: 69ESE Perim Spc (G.ESE3)							
28ESE Wall (G.13.E15)	0.000	0.00	0.268	175.20	0.268	175.20	EAST
in space: 28Plnm (G.13)							
69ESE Wall (G.S6.E17)	0.000	0.00	0.268	278.60	0.268	278.60	EAST
in space: 69South Perim Spc (G.S6)							
69ESE Wall (G.ESE9.E19)	0.000	0.00	0.268	373.80	0.268	373.80	EAST
in space: 69ESE Perim Spc (G.ESE9)							
69ESE Wall (G.C10.E20)	0.000	0.00	0.268	93.80	0.268	93.80	EAST
in space: 69Core Spc (G.C10)							
69ESE Wall (G.11.E25)	0.000	0.00	0.268	126.10	0.268	126.10	EAST
in space: 69Plnm (G.11)							
69ESE Wall (G.11.E29)	0.000	0.00	0.268	4.70	0.268	4.70	EAST
in space: 69Plnm (G.11)							
25ESE Wall (M.ESE26.E28)	0.000	0.00	0.307	3095.75	0.307	3095.75	EAST
in space: 25ESE Perim Spc (M.ESE26)							
69ESE Wall (G.11.E31)	0.000	0.00	0.268	27.50	0.268	27.50	EAST
in space: 69Plnm (G.11)							
GESE Wall (G.ESE10.E14)	0.000	0.00	0.268	336.00	0.268	336.00	EAST
in space: GESE Perim Spc (G.ESE10)							
1519ESE Wall (G.E8.E7)	0.373	819.86	0.268	338.14	0.342	1158.00	EAST
in space: 1519East Perim Spc (G.E8)							
1519ESE Wall (G.ESE9.E8)	0.373	709.42	0.268	292.58	0.342	1002.00	EAST
in space: 1519ESE Perim Spc (G.ESE9)							

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2936ESE Wall (M.E20.E21)	0.373	2186.30	0.268	839.94	0.344	3026.24	EAST
in space: 2936East Perim Spc (M.E20)							
70ESE Wall (G.S4.E9)	0.373	162.43	0.268	65.99	0.343	228.42	EAST
in space: 70South Perim Spc (G.S4)							
70ESE Wall (G.NE5.E11)	0.373	105.60	0.268	42.90	0.343	148.50	EAST
in space: 70NE Perim Spc (G.NE5)							
2936ESE Wall (M.ESE21.E22)	0.373	1891.78	0.268	726.78	0.344	2618.56	EAST
in space: 2936ESE Perim Spc (M.ESE21)							
2936ESE Wall (M.S22.E23)	0.373	883.58	0.268	339.46	0.344	1223.04	EAST
in space: 2936South Perim Spc (M.S22)							
70ESE Wall (G.ENE6.E14)	0.373	164.35	0.268	66.77	0.343	231.12	EAST
in space: 70ENE Perim Spc (G.ENE6)							
70ESE Wall (G.SE7.E16)	0.373	240.38	0.268	97.66	0.343	338.04	EAST
in space: 70SE Perim Spc (G.SE7)							
70ESE Wall (G.12.E21)	0.000	0.00	0.268	42.30	0.268	42.30	EAST
in space: 70Plnm (G.12)							
70ESE Wall (G.12.E23)	0.000	0.00	0.268	105.40	0.268	105.40	EAST
in space: 70Plnm (G.12)							
2936ESE Wall (M.26.E31)	0.000	0.00	0.268	1401.60	0.268	1401.60	EAST
in space: 2936Plnm (M.26)							
70ESE Wall (G.12.E25)	0.000	0.00	0.268	27.50	0.268	27.50	EAST
in space: 70Plnm (G.12)							
1519ESE Wall (G.S10.E10)	0.420	331.20	0.268	136.80	0.376	468.00	EAST
in space: 1519South Perim Spc (G.S10)							
1519ESE Wall (G.SSE11.E11)	0.373	635.08	0.268	261.92	0.342	897.00	EAST
in space: 1519SSE Perim Spc (G.SSE11)							
1519ESE Wall (G.14.E20)	0.000	0.00	0.268	161.46	0.268	161.46	EAST
in space: 1519Plnm (G.14)							
1519ESE Wall (G.14.E22)	0.000	0.00	0.268	473.04	0.268	473.04	EAST
in space: 1519Plnm (G.14)							
7179ESE Wall (M.S16.E37)	0.373	1461.89	0.268	593.89	0.343	2055.78	EAST
in space: 7179South Perim Spc (M.S16)							
7179ESE Wall (M.NE17.E39)	0.373	950.40	0.268	386.10	0.343	1336.50	EAST
in space: 7179NE Perim Spc (M.NE17)							
3744ESE Wall (M.E20.E21)	0.373	2186.30	0.268	839.94	0.344	3026.24	EAST
in space: 3744East Perim Spc (M.E20)							
3744ESE Wall (M.ESE21.E22)	0.373	1891.78	0.268	726.78	0.344	2618.56	EAST
in space: 3744ESE Perim Spc (M.ESE21)							
7179ESE Wall (M.ENE18.E42)	0.373	1479.17	0.268	600.91	0.343	2080.08	EAST
in space: 7179ENE Perim Spc (M.ENE18)							
7179ESE Wall (M.SE19.E44)	0.373	2163.46	0.268	878.90	0.343	3042.36	EAST
in space: 7179SE Perim Spc (M.SE19)							
7179ESE Wall (M.24.E49)	0.000	0.00	0.268	380.70	0.268	380.70	EAST
in space: 7179Plnm (M.24)							
7179ESE Wall (M.24.E51)	0.000	0.00	0.268	948.60	0.268	948.60	EAST
in space: 7179Plnm (M.24)							
3744ESE Wall (M.S22.E23)	0.373	883.58	0.268	339.46	0.344	1223.04	EAST
in space: 3744South Perim Spc (M.S22)							
7179ESE Wall (M.24.E53)	0.000	0.00	0.268	247.50	0.268	247.50	EAST
in space: 7179Plnm (M.24)							
3744ESE Wall (M.26.E31)	0.000	0.00	0.268	1401.60	0.268	1401.60	EAST
in space: 3744Plnm (M.26)							
8AESE Wall (G.ESE12.E16)	0.000	0.00	0.268	1683.60	0.268	1683.60	EAST
in space: 8AESE Perim Spc (G.ESE12)							
25ESE Wall (G.ESE10.E13)	0.000	0.00	0.307	1547.88	0.307	1547.88	EAST
in space: 25ESE Perim Spc (G.ESE10)							
8MCESE Wall (G.NNE1.E2)	0.000	0.00	0.268	473.00	0.268	473.00	EAST
in space: 8MANNE Perim Spc (G.NNE1)							

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8087ESE Wall (M.S16.E37)	0.373	1299.46	0.268	527.90	0.343	1827.36	EAST
in space: 8087South Perim Spc (M.S16)							
8087ESE Wall (M.NE17.E39)	0.373	844.80	0.268	343.20	0.343	1188.00	EAST
in space: 8087NE Perim Spc (M.NE17)							
GESE Wall (G.18.E26)	0.000	0.00	0.268	16.50	0.268	16.50	EAST
in space: GPlnm (G.18)							
45ESE Wall (T.E33.E37)	0.373	273.29	0.268	267.11	0.321	540.40	EAST
in space: 45East Perim Spc (T.E33)							
8087ESE Wall (M.ENE18.E42)	0.373	1314.82	0.268	534.14	0.343	1848.96	EAST
in space: 8087ENE Perim Spc (M.ENE18)							
8087ESE Wall (M.SE19.E44)	0.373	1923.07	0.268	781.25	0.343	2704.32	EAST
in space: 8087SE Perim Spc (M.SE19)							
8087ESE Wall (M.24.E49)	0.000	0.00	0.268	338.40	0.268	338.40	EAST
in space: 8087Plnm (M.24)							
8087ESE Wall (M.24.E51)	0.000	0.00	0.268	843.20	0.268	843.20	EAST
in space: 8087Plnm (M.24)							
45ESE Wall (T.ESE34.E38)	0.373	236.47	0.268	231.13	0.321	467.60	EAST
in space: 45ESE Perim Spc (T.ESE34)							
8087ESE Wall (M.24.E53)	0.000	0.00	0.268	220.00	0.268	220.00	EAST
in space: 8087Plnm (M.24)							
45ESE Wall (T.S35.E39)	0.373	110.45	0.268	107.95	0.321	218.40	EAST
in space: 45South Perim Spc (T.S35)							
45ESE Wall (T.39.E47)	0.000	0.00	0.268	175.20	0.268	175.20	EAST
in space: 45Plnm (T.39)							
1519ESE Wall (M.E22.E30)	0.373	1366.44	0.268	563.56	0.342	1930.00	EAST
in space: 1519East Perim Spc (M.E22)							
1519ESE Wall (M.ESE23.E31)	0.373	1182.36	0.268	487.64	0.342	1670.00	EAST
in space: 1519ESE Perim Spc (M.ESE23)							
88ESE Wall (T.S28.E65)	0.373	162.43	0.268	133.67	0.326	296.10	EAST
in space: 88South Perim Spc (T.S28)							
88ESE Wall (T.NE29.E67)	0.373	105.60	0.268	86.90	0.326	192.50	EAST
in space: 88NE Perim Spc (T.NE29)							
1519ESE Wall (M.S24.E33)	0.373	552.24	0.268	227.76	0.342	780.00	EAST
in space: 1519South Perim Spc (M.S24)							
1519ESE Wall (M.SSE25.E34)	0.373	1058.46	0.268	436.54	0.342	1495.00	EAST
in space: 1519SSE Perim Spc (M.SSE25)							
88ESE Wall (T.ENE30.E70)	0.373	164.35	0.268	135.25	0.326	299.60	EAST
in space: 88ENE Perim Spc (T.ENE30)							
88ESE Wall (T.SE31.E72)	0.373	240.38	0.268	197.82	0.326	438.20	EAST
in space: 88SE Perim Spc (T.SE31)							
88ESE Wall (T.36.E77)	0.000	0.00	0.268	42.30	0.268	42.30	EAST
in space: 88Plnm (T.36)							
88ESE Wall (T.36.E79)	0.000	0.00	0.268	105.40	0.268	105.40	EAST
in space: 88Plnm (T.36)							
46MCESE Wall (T.E33.E37)	0.000	0.00	0.268	694.80	0.268	694.80	EAST
in space: 46MCEast Perim Spc (T.E33)							
88ESE Wall (T.36.E81)	0.000	0.00	0.268	27.50	0.268	27.50	EAST
in space: 88Plnm (T.36)							
46MCESE Wall (T.ESE34.E38)	0.000	0.00	0.268	601.20	0.268	601.20	EAST
in space: 46MCESE Perim Spc (T.ESE34)							
46MCESE Wall (T.S35.E39)	0.000	0.00	0.268	280.80	0.268	280.80	EAST
in space: 46MCSouth Perim Spc (T.S35)							
46MCESE Wall (T.39.E47)	0.000	0.00	0.268	175.20	0.268	175.20	EAST
in space: 46MCPlnm (T.39)							
1519ESE Wall (M.28.E43)	0.000	0.00	0.268	269.10	0.268	269.10	EAST
in space: 1519Plnm (M.28)							
89ESE Wall (G.NE2.E5)	0.000	0.00	0.268	385.00	0.268	385.00	EAST
in space: 89NE Perim Spc (G.NE2)							

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1519ESE Wall (M.28.E45)	0.000	0.00	0.268	788.40	0.268	788.40	EAST
in space: 1519Plnm (M.28)							
89ESE Wall (G.ESE3.E7)	0.000	0.00	0.268	539.00	0.268	539.00	EAST
in space: 89ESE Perim Spc (G.ESE3)							
89ESE Wall (G.S6.E12)	0.373	406.08	0.268	186.12	0.340	592.20	EAST
in space: 89South Perim Spc (G.S6)							
8MCESE Wall (G.SSW2.E5)	0.000	0.00	0.268	947.00	0.268	947.00	EAST
in space: 8MASSW Perim Spc (G.SSW2)							
89ESE Wall (G.ESE9.E15)	0.000	0.00	0.268	747.60	0.268	747.60	EAST
in space: 89ESE Perim Spc (G.ESE9)							
89ESE Wall (G.C10.E16)	0.000	0.00	0.268	189.00	0.268	189.00	EAST
in space: 89Core Spc (G.C10)							
89ESE Wall (G.11.E21)	0.000	0.00	0.268	84.60	0.268	84.60	EAST
in space: 89Plnm (G.11)							
47ESE Wall (G.SSE5.E10)	0.373	152.83	0.268	62.09	0.343	214.92	EAST
in space: 47SSE Perim Spc (G.SSE5)							
89ESE Wall (G.11.E23)	0.000	0.00	0.268	210.80	0.268	210.80	EAST
in space: 89Plnm (G.11)							
89ESE Wall (G.11.E24)	0.000	0.00	0.268	55.00	0.268	55.00	EAST
in space: 89Plnm (G.11)							
47ESE Wall (G.ESE6.E12)	0.373	256.51	0.268	104.21	0.343	360.72	EAST
in space: 47ESE Perim Spc (G.ESE6)							
47ESE Wall (G.ENE7.E13)	0.373	74.12	0.268	36.50	0.338	110.62	EAST
in space: 47ENE Perim Spc (G.ENE7)							
89DBESE Wall (G.WNW1.E3)	0.386	3149.99	0.268	170.11	0.380	3320.10	EAST
in space: 89DBWNW Perim Spc (G.WNW1)							
47ESE Wall (G.ENE7.E14)	0.373	95.81	0.268	33.12	0.346	128.94	EAST
in space: 47ENE Perim Spc (G.ENE7)							
89DBESE Wall (G.2.E7)	0.000	0.00	0.268	210.80	0.268	210.80	EAST
in space: 89DBPlnm (G.2)							
6MCESE Wall (G.ESE5.E9)	0.000	0.00	0.307	6118.20	0.307	6118.20	EAST
in space: 6MCESE Perim Spc (G.ESE5)							
47ESE Wall (G.NE8.E16)	0.373	83.71	0.268	34.01	0.343	117.72	EAST
in space: 47NE Perim Spc (G.NE8)							
10AESE Wall (G.ESE4.E4)	0.000	0.00	0.268	216.30	0.268	216.30	EAST
in space: 10AESE Perim Spc (G.ESE4)							
90ESE Wall (G.NE2.E5)	0.000	0.00	0.268	385.00	0.268	385.00	EAST
in space: 90NE Perim Spc (G.NE2)							
47ESE Wall (G.13.E22)	0.000	0.00	0.268	153.40	0.268	153.40	EAST
in space: 47Plnm (G.13)							
90ESE Wall (G.ESE3.E7)	0.000	0.00	0.268	539.00	0.268	539.00	EAST
in space: 90ESE Perim Spc (G.ESE3)							
90ESE Wall (G.S6.E12)	0.373	406.08	0.268	186.12	0.340	592.20	EAST
in space: 90South Perim Spc (G.S6)							
10AESE Wall (G.ESE6.E5)	0.000	0.00	0.268	251.30	0.268	251.30	EAST
in space: 10AESE Perim Spc (G.ESE6)							
90ESE Wall (G.ESE9.E15)	0.000	0.00	0.268	747.60	0.268	747.60	EAST
in space: 90ESE Perim Spc (G.ESE9)							
90ESE Wall (G.C10.E16)	0.000	0.00	0.268	189.00	0.268	189.00	EAST
in space: 90Core Spc (G.C10)							
90ESE Wall (G.11.E21)	0.000	0.00	0.268	84.60	0.268	84.60	EAST
in space: 90Plnm (G.11)							
47ESE Wall (G.13.E24)	0.000	0.00	0.268	21.80	0.268	21.80	EAST
in space: 47Plnm (G.13)							
90ESE Wall (G.11.E23)	0.000	0.00	0.268	210.80	0.268	210.80	EAST
in space: 90Plnm (G.11)							
90ESE Wall (G.11.E24)	0.000	0.00	0.268	55.00	0.268	55.00	EAST
in space: 90Plnm (G.11)							

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1519ESE Wall (T.E36.E53)	0.373	273.29	0.268	267.11	0.321	540.40	EAST
in space: 1519East Perim Spc (T.E36)							
1519ESE Wall (T.ESE37.E54)	0.373	236.47	0.268	231.13	0.321	467.60	EAST
in space: 1519ESE Perim Spc (T.ESE37)							
1519ESE Wall (T.S38.E56)	0.373	110.45	0.268	107.95	0.321	218.40	EAST
in space: 1519South Perim Spc (T.S38)							
1519ESE Wall (T.SSE39.E57)	0.373	211.69	0.268	206.91	0.321	418.60	EAST
in space: 1519SSE Perim Spc (T.SSE39)							
91ESE Wall (G.NE2.E5)	0.411	168.00	0.268	24.50	0.393	192.50	EAST
in space: 91NE Perim Spc (G.NE2)							
4856ESE Wall (M.SSE18.E37)	0.373	1375.49	0.268	558.79	0.343	1934.28	EAST
in space: 4856SSE Perim Spc (M.SSE18)							
91ESE Wall (G.S6.E11)	0.373	203.04	0.268	93.06	0.340	296.10	EAST
in space: 91South Perim Spc (G.S6)							
91ESE Wall (G.ESE11.E14)	0.000	0.00	0.268	737.80	0.268	737.80	EAST
in space: 91ESE Perim Spc (G.ESE11)							
4856ESE Wall (M.ESE19.E39)	0.373	2308.61	0.268	937.87	0.343	3246.48	EAST
in space: 4856ESE Perim Spc (M.ESE19)							
91ESE Wall (G.12.E20)	0.000	0.00	0.268	42.30	0.268	42.30	EAST
in space: 91Plnm (G.12)							
91ESE Wall (G.12.E22)	0.000	0.00	0.268	105.40	0.268	105.40	EAST
in space: 91Plnm (G.12)							
4856ESE Wall (M.ENE20.E40)	0.373	1617.41	0.268	657.07	0.343	2274.48	EAST
in space: 4856ENE Perim Spc (M.ENE20)							
91ESE Wall (G.12.E24)	0.000	0.00	0.268	27.50	0.268	27.50	EAST
in space: 91Plnm (G.12)							
1519ESE Wall (T.42.E66)	0.000	0.00	0.268	53.82	0.268	53.82	EAST
in space: 1519Plnm (T.42)							
4856ESE Wall (M.NE21.E42)	0.373	753.41	0.268	306.07	0.343	1059.48	EAST
in space: 4856NE Perim Spc (M.NE21)							
1519ESE Wall (T.42.E68)	0.000	0.00	0.268	157.68	0.268	157.68	EAST
in space: 1519Plnm (T.42)							
4856ESE Wall (M.26.E48)	0.000	0.00	0.268	1380.60	0.268	1380.60	EAST
in space: 4856Plnm (M.26)							
92ESE Wall (G.NE2.E5)	0.411	168.00	0.268	24.50	0.393	192.50	EAST
in space: 92NE Perim Spc (G.NE2)							
10AESE Wall (G.SSW7.E7)	0.000	0.00	0.268	613.90	0.268	613.90	EAST
in space: 10ASSW Perim Spc (G.SSW7)							
92ESE Wall (G.S6.E11)	0.000	0.00	0.268	296.10	0.268	296.10	EAST
in space: 92South Perim Spc (G.S6)							
92ESE Wall (G.ESE11.E14)	0.000	0.00	0.268	737.80	0.268	737.80	EAST
in space: 92ESE Perim Spc (G.ESE11)							
4856ESE Wall (M.26.E50)	0.000	0.00	0.268	196.20	0.268	196.20	EAST
in space: 4856Plnm (M.26)							
92ESE Wall (G.12.E20)	0.000	0.00	0.268	42.30	0.268	42.30	EAST
in space: 92Plnm (G.12)							
92ESE Wall (G.12.E22)	0.000	0.00	0.268	105.40	0.268	105.40	EAST
in space: 92Plnm (G.12)							
6MCESE Wall (G.11.E13)	0.000	0.00	0.268	339.90	0.268	339.90	EAST
in space: 6MCPlnm (G.11)							
92ESE Wall (G.12.E24)	0.000	0.00	0.268	27.50	0.268	27.50	EAST
in space: 92Plnm (G.12)							
2026ESE Wall (G.E6.E2)	0.373	273.29	0.268	267.11	0.321	540.40	EAST
in space: 2026East Perim Spc (G.E6)							
GESE Wall (G.18.E28)	0.000	0.00	0.268	353.50	0.268	353.50	EAST
in space: GPlnm (G.18)							
10AESE Wall (G.ENE9.E14)	0.000	0.00	0.268	563.50	0.268	563.50	EAST
in space: 10AENE Perim Spc (G.ENE9)							

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5765ESE Wall (M.SSE18.E37)	0.373	1375.49	0.268	558.79	0.343	1934.28	EAST
in space: 5765SSE Perim Spc (M.SSE18)							
69SSE Wall (G.11.E27)	0.000	0.00	0.268	24.40	0.268	24.40	SOUTH-EAST
in space: 69Plnm (G.11)							
68SSE Wall (G.11.E27)	0.000	0.00	0.268	24.40	0.268	24.40	SOUTH-EAST
in space: 68Plnm (G.11)							
68SSE Wall (G.ESE3.E9)	0.000	0.00	0.268	170.80	0.268	170.80	SOUTH-EAST
in space: 68ESE Perim Spc (G.ESE3)							
69SSE Wall (G.ESE3.E9)	0.000	0.00	0.268	170.80	0.268	170.80	SOUTH-EAST
in space: 69ESE Perim Spc (G.ESE3)							
Exterior Wall 883	0.000	0.00	0.268	2988.00	0.268	2988.00	SOUTH
in space: 93MERSpace							
25SSW Wall (T.SSW35.E35)	0.000	0.00	0.307	428.75	0.307	428.75	SOUTH
in space: 25SSW Perim Spc (T.SSW35)							
68SSW Wall (G.11.E22)	0.000	0.00	0.268	18.00	0.268	18.00	SOUTH
in space: 68Plnm (G.11)							
68SSW Wall (G.11.E24)	0.000	0.00	0.268	126.90	0.268	126.90	SOUTH
in space: 68Plnm (G.11)							
1519SSW Wall (M.WNW20.E25)	0.373	856.24	0.268	756.26	0.324	1612.50	SOUTH
in space: 1519WNW Perim Spc (M.WNW20)							
68SSW Wall (G.11.E26)	0.000	0.00	0.268	30.40	0.268	30.40	SOUTH
in space: 68Plnm (G.11)							
8ASSW Wall (G.ESE12.E18)	0.000	0.00	0.268	121.20	0.268	121.20	SOUTH
in space: 8AESE Perim Spc (G.ESE12)							
68SSW Wall (G.11.E28)	0.000	0.00	0.268	7.00	0.268	7.00	SOUTH
in space: 68Plnm (G.11)							
25SSW Wall (T.W36.E37)	0.000	0.00	0.307	266.00	0.307	266.00	SOUTH
in space: 25West Perim Spc (T.W36)							
1519SSW Wall (M.NNE21.E28)	0.373	755.35	0.268	667.15	0.324	1422.50	SOUTH
in space: 1519NNE Perim Spc (M.NNE21)							
25SSW Wall (T.SSW37.E38)	0.572	2392.34	0.268	125.91	0.557	2518.25	SOUTH
in space: 25SSW Perim Spc (T.SSW37)							
8MCSSW Wall (G.SSW2.E4)	0.373	1200.00	0.268	243.00	0.355	1443.00	SOUTH
in space: 8MASSW Perim Spc (G.SSW2)							
2936SSW Wall (M.S22.E24)	0.410	1607.20	0.268	395.92	0.382	2003.12	SOUTH
in space: 2936South Perim Spc (M.S22)							
68DBSSW Wall (G.WNW1.E2)	0.392	700.00	0.268	125.00	0.373	825.00	SOUTH
in space: 68DBWNW Perim Spc (G.WNW1)							
2936SSW Wall (M.SSW23.E25)	0.373	1582.38	0.268	1338.02	0.325	2920.40	SOUTH
in space: 2936SSW Perim Spc (M.SSW23)							
2936SSW Wall (M.SW24.E26)	0.410	1724.80	0.268	1187.76	0.352	2912.56	SOUTH
in space: 2936SW Perim Spc (M.SW24)							
2936SSW Wall (M.26.E30)	0.000	0.00	0.268	1599.20	0.268	1599.20	SOUTH
in space: 2936Plnm (M.26)							
Exterior Wall 892	0.572	841.00	0.268	59.00	0.552	900.00	SOUTH
in space: 25SSW Perim Spc (T.SSW37)							
68DBSSW Wall (G.2.E8)	0.000	0.00	0.268	55.00	0.268	55.00	SOUTH
in space: 68DBPlnm (G.2)							
1519SSW Wall (M.S24.E32)	0.408	1250.00	0.268	140.00	0.394	1390.00	SOUTH
in space: 1519South Perim Spc (M.S24)							
25SSW Wall (T.SSW40.E41)	0.952	93.50	0.307	1157.75	0.355	1251.25	SOUTH
in space: 25SSW Perim Spc (T.SSW40)							
10ASSW Wall (G.SSW2.E2)	0.000	0.00	0.268	409.50	0.268	409.50	SOUTH
in space: 10ASSW Perim Spc (G.SSW2)							
1519SSW Wall (M.SSE25.E35)	0.373	1121.73	0.268	990.77	0.324	2112.50	SOUTH
in space: 1519SSE Perim Spc (M.SSE25)							
1519SSW Wall (M.W26.E36)	0.373	793.84	0.268	701.16	0.324	1495.00	SOUTH
in space: 1519West Perim Spc (M.W26)							

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1519SSW Wall (M.28.E40)	0.000	0.00	0.268	546.30	0.268	546.30	SOUTH
in space: 1519Plnm (M.28)							
1519SSW Wall (M.28.E42)	0.000	0.00	0.268	649.35	0.268	649.35	SOUTH
in space: 1519Plnm (M.28)							
3744SSW Wall (M.S22.E24)	0.410	1607.20	0.268	395.92	0.382	2003.12	SOUTH
in space: 3744South Perim Spc (M.S22)							
3744SSW Wall (M.SSW23.E25)	0.373	1582.38	0.268	1338.02	0.325	2920.40	SOUTH
in space: 3744SSW Perim Spc (M.SSW23)							
69SSW Wall (G.ESE3.E8)	0.000	0.00	0.268	212.80	0.268	212.80	SOUTH
in space: 69ESE Perim Spc (G.ESE3)							
3744SSW Wall (M.SW24.E26)	0.410	1724.80	0.268	1187.76	0.352	2912.56	SOUTH
in space: 3744SW Perim Spc (M.SW24)							
69SSW Wall (G.ESE3.E10)	0.000	0.00	0.268	49.00	0.268	49.00	SOUTH
in space: 69ESE Perim Spc (G.ESE3)							
3744SSW Wall (M.26.E30)	0.000	0.00	0.268	1599.20	0.268	1599.20	SOUTH
in space: 3744Plnm (M.26)							
25SSW Wall (G.SSW8.E11)	0.952	93.50	0.307	1157.75	0.355	1251.25	SOUTH
in space: 25SSW Perim Spc (G.SSW8)							
69SSW Wall (G.W4.E13)	0.000	0.00	0.268	126.00	0.268	126.00	SOUTH
in space: 69West Perim Spc (G.W4)							
69SSW Wall (G.SW5.E16)	0.373	188.64	0.268	178.16	0.322	366.80	SOUTH
in space: 69SW Perim Spc (G.SW5)							
1519SSW Wall (M.28.E44)	0.000	0.00	0.268	250.20	0.268	250.20	SOUTH
in space: 1519Plnm (M.28)							
69SSW Wall (G.S6.E18)	0.373	268.20	0.268	253.30	0.322	521.50	SOUTH
in space: 69South Perim Spc (G.S6)							
GSSW Wall (G.18.E23)	0.000	0.00	0.268	222.40	0.268	222.40	SOUTH
in space: GPlnm (G.18)							
10ASSW Wall (G.SSW7.E6)	0.373	505.05	0.268	505.05	0.321	1010.10	SOUTH
in space: 10ASSW Perim Spc (G.SSW7)							
69SSW Wall (G.11.E22)	0.000	0.00	0.268	18.00	0.268	18.00	SOUTH
in space: 69Plnm (G.11)							
69SSW Wall (G.11.E24)	0.000	0.00	0.268	126.90	0.268	126.90	SOUTH
in space: 69Plnm (G.11)							
1519SSW Wall (T.WNW34.E48)	0.373	171.25	0.268	280.25	0.308	451.50	SOUTH
in space: 1519WNW Perim Spc (T.WNW34)							
69SSW Wall (G.11.E26)	0.000	0.00	0.268	30.40	0.268	30.40	SOUTH
in space: 69Plnm (G.11)							
GSSW Wall (G.18.E25)	0.000	0.00	0.268	212.80	0.268	212.80	SOUTH
in space: GPlnm (G.18)							
69SSW Wall (G.11.E28)	0.000	0.00	0.268	7.00	0.268	7.00	SOUTH
in space: 69Plnm (G.11)							
10ASSW Wall (G.N8.E10)	0.000	0.00	0.268	440.30	0.268	440.30	SOUTH
in space: 10ANorth Perim Spc (G.N8)							
1519SSW Wall (T.NNE35.E51)	0.373	151.07	0.268	247.23	0.308	398.30	SOUTH
in space: 1519NNE Perim Spc (T.NNE35)							
45SSW Wall (T.S35.E40)	0.410	200.90	0.268	156.80	0.348	357.70	SOUTH
in space: 45South Perim Spc (T.S35)							
45SSW Wall (T.SSW36.E41)	0.373	197.80	0.268	323.70	0.308	521.50	SOUTH
in space: 45SSW Perim Spc (T.SSW36)							
45SSW Wall (T.SW37.E42)	0.410	215.60	0.268	304.50	0.327	520.10	SOUTH
in space: 45SW Perim Spc (T.SW37)							
45SSW Wall (T.39.E46)	0.000	0.00	0.268	199.90	0.268	199.90	SOUTH
in space: 45Plnm (T.39)							
GSSW Wall (G.SSW4.E6)	0.000	0.00	0.307	367.50	0.307	367.50	SOUTH
in space: GSSW Perim Spc (G.SSW4)							
70SSW Wall (G.W2.E5)	0.000	0.00	0.268	97.20	0.268	97.20	SOUTH
in space: 70West Perim Spc (G.W2)							

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70SSW Wall (G.SW3.E8)	0.373	150.91	0.268	132.05	0.324	282.96	SOUTH
in space: 70SW Perim Spc (G.SW3)							
GSSW Wall (G.18.E27)	0.000	0.00	0.268	40.10	0.268	40.10	SOUTH
in space: GPlnm (G.18)							
70SSW Wall (G.S4.E10)	0.373	305.42	0.268	206.50	0.331	511.92	SOUTH
in space: 70South Perim Spc (G.S4)							
1MSSW Wall (G.SW4.E8)	0.000	0.00	0.307	306.80	0.307	306.80	SOUTH
in space: 1MSW Perim Spc (G.SW4)							
1519SSW Wall (T.S38.E55)	0.408	250.00	0.268	139.20	0.358	389.20	SOUTH
in space: 1519South Perim Spc (T.S38)							
10ASSW Wall (G.10.E16)	0.000	0.00	0.268	2529.37	0.268	2529.37	SOUTH
in space: 10APlnm (G.10)							
10ASSW Wall (G.10.E18)	0.000	0.00	0.268	3006.49	0.268	3006.49	SOUTH
in space: 10APlnm (G.10)							
70SSW Wall (G.SE7.E15)	0.410	183.60	0.268	3.78	0.408	187.38	SOUTH
in space: 70SE Perim Spc (G.SE7)							
1519SSW Wall (T.SSE39.E58)	0.373	224.35	0.268	367.15	0.308	591.50	SOUTH
in space: 1519SSE Perim Spc (T.SSE39)							
70SSW Wall (G.12.E18)	0.000	0.00	0.268	18.00	0.268	18.00	SOUTH
in space: 70Plnm (G.12)							
70SSW Wall (G.12.E20)	0.000	0.00	0.268	147.20	0.268	147.20	SOUTH
in space: 70Plnm (G.12)							
1519SSW Wall (T.W40.E59)	0.373	158.77	0.268	259.83	0.308	418.60	SOUTH
in space: 1519West Perim Spc (T.W40)							
70SSW Wall (G.12.E22)	0.000	0.00	0.268	34.70	0.268	34.70	SOUTH
in space: 70Plnm (G.12)							
46MCSSW Wall (T.S35.E40)	0.000	0.00	0.268	459.90	0.268	459.90	SOUTH
in space: 46MCSouth Perim Spc (T.S35)							
46MCSSW Wall (T.SSW36.E41)	0.000	0.00	0.268	670.50	0.268	670.50	SOUTH
in space: 46MCSSW Perim Spc (T.SSW36)							
46MCSSW Wall (T.SW37.E42)	0.000	0.00	0.268	668.70	0.268	668.70	SOUTH
in space: 46MCSW Perim Spc (T.SW37)							
46MCSSW Wall (T.39.E46)	0.000	0.00	0.268	199.90	0.268	199.90	SOUTH
in space: 46MCPlnm (T.39)							
1519SSW Wall (T.42.E63)	0.000	0.00	0.268	109.26	0.268	109.26	SOUTH
in space: 1519Plnm (T.42)							
1519SSW Wall (T.42.E65)	0.000	0.00	0.268	129.87	0.268	129.87	SOUTH
in space: 1519Plnm (T.42)							
1MSSW Wall (G.SSW5.E9)	0.000	0.00	0.268	1151.20	0.268	1151.20	SOUTH
in space: 1MSSW Perim Spc (G.SSW5)							
7179SSW Wall (M.W14.E33)	0.000	0.00	0.268	874.80	0.268	874.80	SOUTH
in space: 7179West Perim Spc (M.W14)							
7179SSW Wall (M.SW15.E36)	0.373	1358.20	0.268	1188.44	0.324	2546.64	SOUTH
in space: 7179SW Perim Spc (M.SW15)							
1519SSW Wall (T.42.E67)	0.000	0.00	0.268	50.04	0.268	50.04	SOUTH
in space: 1519Plnm (T.42)							
7179SSW Wall (M.S16.E38)	0.373	2748.82	0.268	1858.46	0.331	4607.28	SOUTH
in space: 7179South Perim Spc (M.S16)							
47SSW Wall (G.W2.E5)	0.000	0.00	0.268	97.20	0.268	97.20	SOUTH
in space: 47West Perim Spc (G.W2)							
47SSW Wall (G.SW3.E8)	0.410	183.60	0.268	120.42	0.354	304.02	SOUTH
in space: 47SW Perim Spc (G.SW3)							
47SSW Wall (G.SSW4.E9)	0.373	214.56	0.268	187.74	0.324	402.30	SOUTH
in space: 47SSW Perim Spc (G.SSW4)							
GSSW Wall (G.SSW12.E17)	0.572	1537.48	0.268	58.52	0.561	1596.00	SOUTH
in space: GSSW Perim Spc (G.SSW12)							
7179SSW Wall (M.SE19.E43)	0.410	1652.39	0.268	34.03	0.408	1686.42	SOUTH
in space: 7179SE Perim Spc (M.SE19)							

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47SSW Wall (G.SSE5.E11)	0.408	216.00	0.268	59.94	0.378	275.94	SOUTH
in space: 47SSE Perim Spc (G.SSE5)							
7179SSW Wall (M.24.E46)	0.000	0.00	0.268	162.00	0.268	162.00	SOUTH
in space: 7179Plnm (M.24)							
7179SSW Wall (M.24.E48)	0.000	0.00	0.268	1324.80	0.268	1324.80	SOUTH
in space: 7179Plnm (M.24)							
10MSSW Wall (G.SSW2.E2)	0.000	0.00	0.268	1706.15	0.268	1706.15	SOUTH
in space: 10MSSW Perim Spc (G.SSW2)							
7179SSW Wall (M.24.E50)	0.000	0.00	0.268	312.30	0.268	312.30	SOUTH
in space: 7179Plnm (M.24)							
25SSW Wall (M.SSW19.E20)	0.000	0.00	0.307	857.50	0.307	857.50	SOUTH
in space: 25SSW Perim Spc (M.SSW19)							
6MCSSW Wall (G.SSW6.E10)	0.373	2080.00	0.268	3100.40	0.310	5180.40	SOUTH
in space: 6MCSSW Perim Spc (G.SSW6)							
2026SSW Wall (G.WNW7.E4)	0.412	171.20	0.268	280.30	0.323	451.50	SOUTH
in space: 2026WNW Perim Spc (G.WNW7)							
10MSSW Wall (G.SSW7.E6)	0.000	0.00	0.268	4208.51	0.268	4208.51	SOUTH
in space: 10MSSW Perim Spc (G.SSW7)							
6MCSSW Wall (G.11.E12)	0.000	0.00	0.268	287.80	0.268	287.80	SOUTH
in space: 6MCPlnm (G.11)							
47SSW Wall (G.13.E19)	0.000	0.00	0.268	18.00	0.268	18.00	SOUTH
in space: 47Plnm (G.13)							
47SSW Wall (G.13.E21)	0.000	0.00	0.268	181.90	0.268	181.90	SOUTH
in space: 47Plnm (G.13)							
8087SSW Wall (M.W14.E33)	0.000	0.00	0.268	777.60	0.268	777.60	SOUTH
in space: 8087West Perim Spc (M.W14)							
8087SSW Wall (M.SW15.E36)	0.373	1207.29	0.268	1056.39	0.324	2263.68	SOUTH
in space: 8087SW Perim Spc (M.SW15)							
2026SSW Wall (G.NNE8.E7)	0.373	151.07	0.268	247.23	0.308	398.30	SOUTH
in space: 2026NNE Perim Spc (G.NNE8)							
8087SSW Wall (M.S16.E38)	0.373	2443.39	0.268	1651.97	0.331	4095.36	SOUTH
in space: 8087South Perim Spc (M.S16)							
10MSSW Wall (G.N8.E10)	0.000	0.00	0.268	1834.48	0.268	1834.48	SOUTH
in space: 10MNorth Perim Spc (G.N8)							
2026SSW Wall (G.SW11.E10)	0.409	220.00	0.268	198.60	0.342	418.60	SOUTH
in space: 2026SW Perim Spc (G.SW11)							
2026SSW Wall (G.SSW12.E12)	0.373	236.30	0.268	386.70	0.308	623.00	SOUTH
in space: 2026SSW Perim Spc (G.SSW12)							
25SSW Wall (M.W20.E22)	0.000	0.00	0.307	532.00	0.307	532.00	SOUTH
in space: 25West Perim Spc (M.W20)							
8087SSW Wall (M.SE19.E43)	0.410	1468.79	0.268	30.25	0.408	1499.04	SOUTH
in space: 8087SE Perim Spc (M.SE19)							
2026SSW Wall (G.S13.E14)	0.410	210.00	0.268	147.70	0.351	357.70	SOUTH
in space: 2026South Perim Spc (G.S13)							
8087SSW Wall (M.24.E46)	0.000	0.00	0.268	144.00	0.268	144.00	SOUTH
in space: 8087Plnm (M.24)							
8087SSW Wall (M.24.E48)	0.000	0.00	0.268	1177.60	0.268	1177.60	SOUTH
in space: 8087Plnm (M.24)							
2026SSW Wall (G.14.E16)	0.000	0.00	0.268	109.26	0.268	109.26	SOUTH
in space: 2026Plnm (G.14)							
8087SSW Wall (M.24.E50)	0.000	0.00	0.268	277.60	0.268	277.60	SOUTH
in space: 8087Plnm (M.24)							
4856SSW Wall (M.W15.E32)	0.000	0.00	0.268	874.80	0.268	874.80	SOUTH
in space: 4856West Perim Spc (M.W15)							
4856SSW Wall (M.SW16.E35)	0.410	1652.39	0.268	1083.79	0.354	2736.18	SOUTH
in space: 4856SW Perim Spc (M.SW16)							
4856SSW Wall (M.SSW17.E36)	0.373	1931.04	0.268	1689.66	0.324	3620.70	SOUTH
in space: 4856SSW Perim Spc (M.SSW17)							

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2026SSW Wall (G.14.E18)	0.000	0.00	0.268	179.91	0.268	179.91	SOUTH
in space: 2026Plnm (G.14)							
4856SSW Wall (M.SSE18.E38)	0.408	1943.99	0.268	539.47	0.378	2483.46	SOUTH
in space: 4856SSE Perim Spc (M.SSE18)							
25SSW Wall (M.SSW21.E23)	0.572	4784.68	0.268	251.82	0.557	5036.50	SOUTH
in space: 25SSW Perim Spc (M.SSW21)							
Exterior Wall 891	0.572	1682.00	0.268	118.00	0.552	1800.00	SOUTH
in space: 25SSW Perim Spc (M.SSW21)							
88SSW Wall (T.W26.E61)	0.000	0.00	0.268	126.00	0.268	126.00	SOUTH
in space: 88West Perim Spc (T.W26)							
88SSW Wall (T.SW27.E64)	0.373	150.91	0.268	215.89	0.311	366.80	SOUTH
in space: 88SW Perim Spc (T.SW27)							
11MCSSW Wall (G.NNE1.E2)	0.000	0.00	0.268	1438.59	0.268	1438.59	SOUTH
in space: 11MCNNE Perim Spc (G.NNE1)							
88SSW Wall (T.S28.E66)	0.373	305.42	0.268	358.18	0.316	663.60	SOUTH
in space: 88South Perim Spc (T.S28)							
6MCSSW Wall (G.11.E18)	0.000	0.00	0.268	222.40	0.268	222.40	SOUTH
in space: 6MCPlnm (G.11)							
2026SSW Wall (M.WNW21.E24)	0.373	856.24	0.268	756.26	0.324	1612.50	SOUTH
in space: 2026WNW Perim Spc (M.WNW21)							
4856SSW Wall (M.26.E45)	0.000	0.00	0.268	162.00	0.268	162.00	SOUTH
in space: 4856Plnm (M.26)							
4856SSW Wall (M.26.E47)	0.000	0.00	0.268	1637.10	0.268	1637.10	SOUTH
in space: 4856Plnm (M.26)							
88SSW Wall (T.SE31.E71)	0.410	183.60	0.268	59.30	0.376	242.90	SOUTH
in space: 88SE Perim Spc (T.SE31)							
Exterior Wall 893	0.000	0.00	0.268	1080.00	0.268	1080.00	SOUTH
in space: 6MC Top Spc							
88SSW Wall (T.36.E74)	0.000	0.00	0.268	18.00	0.268	18.00	SOUTH
in space: 88Plnm (T.36)							
88SSW Wall (T.36.E76)	0.000	0.00	0.268	147.20	0.268	147.20	SOUTH
in space: 88Plnm (T.36)							
11MCSSW Wall (G.SW3.E6)	0.000	0.00	0.268	445.56	0.268	445.56	SOUTH
in space: 11MCSW Perim Spc (G.SW3)							
88SSW Wall (T.36.E78)	0.000	0.00	0.268	34.70	0.268	34.70	SOUTH
in space: 88Plnm (T.36)							
2026SSW Wall (M.NNE22.E27)	0.373	755.35	0.268	667.15	0.324	1422.50	SOUTH
in space: 2026NNE Perim Spc (M.NNE22)							
11MCSSW Wall (G.SSW4.E8)	0.000	0.00	0.268	264.26	0.268	264.26	SOUTH
in space: 11MCSSW Perim Spc (G.SSW4)							
2026SSW Wall (M.SW25.E30)	0.409	1100.00	0.268	395.00	0.372	1495.00	SOUTH
in space: 2026SW Perim Spc (M.SW25)							
2026SSW Wall (M.SSW26.E32)	0.373	1181.48	0.268	1043.52	0.324	2225.00	SOUTH
in space: 2026SSW Perim Spc (M.SSW26)							
11MCSSW Wall (G.WSW5.E10)	0.000	0.00	0.268	1000.14	0.268	1000.14	SOUTH
in space: 11MCWSW Perim Spc (G.WSW5)							
5765SSW Wall (M.W15.E32)	0.000	0.00	0.268	874.80	0.268	874.80	SOUTH
in space: 5765West Perim Spc (M.W15)							
5765SSW Wall (M.SW16.E35)	0.410	1652.39	0.268	1083.79	0.354	2736.18	SOUTH
in space: 5765SW Perim Spc (M.SW16)							
5765SSW Wall (M.SSW17.E36)	0.373	1931.04	0.268	1689.66	0.324	3620.70	SOUTH
in space: 5765SSW Perim Spc (M.SSW17)							
2026SSW Wall (M.S27.E34)	0.410	1050.00	0.268	227.50	0.384	1277.50	SOUTH
in space: 2026South Perim Spc (M.S27)							
5765SSW Wall (M.SSE18.E38)	0.408	1943.99	0.268	539.47	0.378	2483.46	SOUTH
in space: 5765SSE Perim Spc (M.SSE18)							
89SSW Wall (G.W4.E8)	0.000	0.00	0.268	252.00	0.268	252.00	SOUTH
in space: 89West Perim Spc (G.W4)							

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89SSW Wall (G.SW5.E11)	0.373	377.28	0.268	356.32	0.322	733.60	SOUTH
in space: 89SW Perim Spc (G.SW5)							
2026SSW Wall (M.28.E36)	0.000	0.00	0.268	546.30	0.268	546.30	SOUTH
in space: 2026Plnm (M.28)							
2026SSW Wall (M.28.E38)	0.000	0.00	0.268	899.55	0.268	899.55	SOUTH
in space: 2026Plnm (M.28)							
89SSW Wall (G.S6.E14)	0.373	766.56	0.268	560.64	0.329	1327.20	SOUTH
in space: 89South Perim Spc (G.S6)							
25SSW Wall (M.SSW24.E26)	0.952	187.00	0.307	2315.50	0.355	2502.50	SOUTH
in space: 25SSW Perim Spc (M.SSW24)							
11MCSSW Wall (G.SE6.E12)	0.000	0.00	0.268	658.86	0.268	658.86	SOUTH
in space: 11MCSE Perim Spc (G.SE6)							
89SSW Wall (G.11.E18)	0.000	0.00	0.268	36.00	0.268	36.00	SOUTH
in space: 89Plnm (G.11)							
89SSW Wall (G.11.E20)	0.000	0.00	0.268	294.40	0.268	294.40	SOUTH
in space: 89Plnm (G.11)							
GSSW Wall (G.SSW9.E13)	0.952	84.00	0.307	988.50	0.358	1072.50	SOUTH
in space: GSSW Perim Spc (G.SSW9)							
5765SSW Wall (M.26.E45)	0.000	0.00	0.268	162.00	0.268	162.00	SOUTH
in space: 5765Plnm (M.26)							
5765SSW Wall (M.26.E47)	0.000	0.00	0.268	1637.10	0.268	1637.10	SOUTH
in space: 5765Plnm (M.26)							
11DBSSW Wall (G.WNW1.E2)	0.000	0.00	0.268	2126.45	0.268	2126.45	SOUTH
in space: 11DBWNW Perim Spc (G.WNW1)							
2026SSW Wall (T.WNW35.E44)	0.373	171.25	0.268	280.25	0.308	451.50	SOUTH
in space: 2026WNW Perim Spc (T.WNW35)							
GSSW Wall (G.W5.E8)	0.000	0.00	0.307	228.00	0.307	228.00	SOUTH
in space: GWest Perim Spc (G.W5)							
89DBSSW Wall (G.WNW1.E2)	0.393	1250.00	0.268	482.50	0.358	1732.50	SOUTH
in space: 89DBWNW Perim Spc (G.WNW1)							
8ASSW Wall (G.WSW2.E3)	0.000	0.00	0.268	1456.80	0.268	1456.80	SOUTH
in space: 8AWSW Perim Spc (G.WSW2)							
2026SSW Wall (T.NNE36.E47)	0.373	151.07	0.268	247.23	0.308	398.30	SOUTH
in space: 2026NNE Perim Spc (T.NNE36)							
89DBSSW Wall (G.2.E6)	0.000	0.00	0.268	110.00	0.268	110.00	SOUTH
in space: 89DBPlnm (G.2)							
1519SSW Wall (G.WNW6.E2)	0.412	513.60	0.268	453.90	0.344	967.50	SOUTH
in space: 1519WNW Perim Spc (G.WNW6)							
2026SSW Wall (T.SW39.E50)	0.409	220.00	0.268	198.60	0.342	418.60	SOUTH
in space: 2026SW Perim Spc (T.SW39)							
66SSW Wall (T.W28.E58)	0.000	0.00	0.268	126.00	0.268	126.00	SOUTH
in space: 66West Perim Spc (T.W28)							
66SSW Wall (T.SW29.E61)	0.410	183.60	0.268	210.50	0.334	394.10	SOUTH
in space: 66SW Perim Spc (T.SW29)							
66SSW Wall (T.SSW30.E62)	0.373	214.56	0.268	306.94	0.311	521.50	SOUTH
in space: 66SSW Perim Spc (T.SSW30)							
2026SSW Wall (T.SSW40.E52)	0.373	236.30	0.268	386.70	0.308	623.00	SOUTH
in space: 2026SSW Perim Spc (T.SSW40)							
66SSW Wall (T.SSE31.E64)	0.408	216.00	0.268	141.70	0.353	357.70	SOUTH
in space: 66SSE Perim Spc (T.SSE31)							
90SSW Wall (G.W4.E8)	0.373	129.60	0.268	122.40	0.322	252.00	SOUTH
in space: 90West Perim Spc (G.W4)							
90SSW Wall (G.SW5.E11)	0.373	377.28	0.268	356.32	0.322	733.60	SOUTH
in space: 90SW Perim Spc (G.SW5)							
8ASSW Wall (G.WSW2.E5)	0.000	0.00	0.268	716.40	0.268	716.40	SOUTH
in space: 8AWSW Perim Spc (G.WSW2)							
2026SSW Wall (T.S41.E54)	0.410	210.00	0.268	147.70	0.351	357.70	SOUTH
in space: 2026South Perim Spc (T.S41)							

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90SSW Wall (G.S6.E14)	0.373	766.56	0.268	560.64	0.329	1327.20	SOUTH
in space: 90South Perim Spc (G.S6)							
2026SSW Wall (T.42.E56)	0.000	0.00	0.268	109.26	0.268	109.26	SOUTH
in space: 2026Plnm (T.42)							
2026SSW Wall (T.42.E58)	0.000	0.00	0.268	179.91	0.268	179.91	SOUTH
in space: 2026Plnm (T.42)							
90SSW Wall (G.11.E18)	0.000	0.00	0.268	36.00	0.268	36.00	SOUTH
in space: 90Plnm (G.11)							
90SSW Wall (G.11.E20)	0.000	0.00	0.268	294.40	0.268	294.40	SOUTH
in space: 90Plnm (G.11)							
GSSW Wall (G.ESE11.E15)	0.572	289.72	0.268	11.03	0.561	300.75	SOUTH
in space: GESE Perim Spc (G.ESE11)							
66SSW Wall (T.39.E71)	0.000	0.00	0.268	18.00	0.268	18.00	SOUTH
in space: 66Plnm (T.39)							
66SSW Wall (T.39.E73)	0.000	0.00	0.268	181.90	0.268	181.90	SOUTH
in space: 66Plnm (T.39)							
1519SSW Wall (G.NNE7.E5)	0.373	453.21	0.268	400.29	0.324	853.50	SOUTH
in space: 1519NNE Perim Spc (G.NNE7)							
25SSW Wall (G.SSW3.E5)	0.000	0.00	0.307	428.75	0.307	428.75	SOUTH
in space: 25SSW Perim Spc (G.SSW3)							
25SSW Wall (G.W4.E7)	0.000	0.00	0.268	266.00	0.268	266.00	SOUTH
in space: 25West Perim Spc (G.W4)							
27MCSSW Wall (G.WNW7.E4)	0.000	0.00	0.268	580.50	0.268	580.50	SOUTH
in space: 27MCWNW Perim Spc (G.WNW7)							
25SSW Wall (G.SSW5.E8)	0.572	2392.34	0.268	125.91	0.557	2518.25	SOUTH
in space: 25SSW Perim Spc (G.SSW5)							
1519SSW Wall (G.S10.E9)	0.408	750.00	0.268	84.00	0.394	834.00	SOUTH
in space: 1519South Perim Spc (G.S10)							
27MCSSW Wall (G.NNE8.E7)	0.000	0.00	0.268	512.10	0.268	512.10	SOUTH
in space: 27MCNNE Perim Spc (G.NNE8)							
91SSW Wall (G.W4.E7)	0.000	0.00	0.268	126.00	0.268	126.00	SOUTH
in space: 91West Perim Spc (G.W4)							
91SSW Wall (G.SW5.E10)	0.000	0.00	0.268	366.80	0.268	366.80	SOUTH
in space: 91SW Perim Spc (G.SW5)							
67MCSSW Wall (G.W2.E5)	0.000	0.00	0.268	252.00	0.268	252.00	SOUTH
in space: 67MCWest Perim Spc (G.W2)							
91SSW Wall (G.S6.E12)	0.000	0.00	0.268	663.60	0.268	663.60	SOUTH
in space: 91South Perim Spc (G.S6)							
91SSW Wall (G.ESE11.E13)	0.000	0.00	0.268	242.90	0.268	242.90	SOUTH
in space: 91ESE Perim Spc (G.ESE11)							
67MCSSW Wall (G.SW3.E8)	0.000	0.00	0.268	788.20	0.268	788.20	SOUTH
in space: 67MCSW Perim Spc (G.SW3)							
67MCSSW Wall (G.SSW4.E9)	0.000	0.00	0.268	1043.00	0.268	1043.00	SOUTH
in space: 67MCSSW Perim Spc (G.SSW4)							
91SSW Wall (G.12.E17)	0.000	0.00	0.268	18.00	0.268	18.00	SOUTH
in space: 91Plnm (G.12)							
91SSW Wall (G.12.E19)	0.000	0.00	0.268	147.20	0.268	147.20	SOUTH
in space: 91Plnm (G.12)							
8ASSW Wall (G.SW9.E12)	0.000	0.00	0.268	355.20	0.268	355.20	SOUTH
in space: 8ASW Perim Spc (G.SW9)							
91SSW Wall (G.12.E21)	0.000	0.00	0.268	34.70	0.268	34.70	SOUTH
in space: 91Plnm (G.12)							
67MCSSW Wall (G.SSE5.E11)	0.000	0.00	0.268	715.40	0.268	715.40	SOUTH
in space: 67MCSSE Perim Spc (G.SSE5)							
27MCSSW Wall (G.SW11.E10)	0.000	0.00	0.268	538.20	0.268	538.20	SOUTH
in space: 27MCSW Perim Spc (G.SW11)							
27MCSSW Wall (G.SSW12.E12)	0.000	0.00	0.268	801.00	0.268	801.00	SOUTH
in space: 27MCSSW Perim Spc (G.SSW12)							

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8ASSW Wall (G.WSW10.E13)	0.000	0.00	0.268	306.00	0.268	306.00	SOUTH
in space: 8AWSW Perim Spc (G.WSW10)							
27MCSSW Wall (G.S13.E14)	0.000	0.00	0.268	459.90	0.268	459.90	SOUTH
in space: 27MCSouth Perim Spc (G.S13)							
1519SSW Wall (G.SSE11.E12)	0.373	673.04	0.268	594.46	0.324	1267.50	SOUTH
in space: 1519SSE Perim Spc (G.SSE11)							
1519SSW Wall (G.W12.E13)	0.373	476.31	0.268	420.69	0.324	897.00	SOUTH
in space: 1519West Perim Spc (G.W12)							
1519SSW Wall (G.14.E17)	0.000	0.00	0.268	327.78	0.268	327.78	SOUTH
in space: 1519Plnm (G.14)							
1519SSW Wall (G.14.E19)	0.000	0.00	0.268	389.61	0.268	389.61	SOUTH
in space: 1519Plnm (G.14)							
92SSW Wall (G.W4.E7)	0.000	0.00	0.268	126.00	0.268	126.00	SOUTH
in space: 92West Perim Spc (G.W4)							
92SSW Wall (G.SW5.E10)	0.000	0.00	0.268	366.80	0.268	366.80	SOUTH
in space: 92SW Perim Spc (G.SW5)							
8ASSW Wall (G.SSW11.E15)	0.000	0.00	0.268	232.80	0.268	232.80	SOUTH
in space: 8ASSW Perim Spc (G.SSW11)							
92SSW Wall (G.S6.E12)	0.000	0.00	0.268	663.60	0.268	663.60	SOUTH
in space: 92South Perim Spc (G.S6)							
92SSW Wall (G.ESE11.E13)	0.000	0.00	0.268	242.90	0.268	242.90	SOUTH
in space: 92ESE Perim Spc (G.ESE11)							
1519SSW Wall (G.14.E21)	0.000	0.00	0.268	150.12	0.268	150.12	SOUTH
in space: 1519Plnm (G.14)							
68SSW Wall (G.ESE3.E8)	0.000	0.00	0.268	212.80	0.268	212.80	SOUTH
in space: 68ESE Perim Spc (G.ESE3)							
92SSW Wall (G.12.E17)	0.000	0.00	0.268	18.00	0.268	18.00	SOUTH
in space: 92Plnm (G.12)							
92SSW Wall (G.12.E19)	0.000	0.00	0.268	147.20	0.268	147.20	SOUTH
in space: 92Plnm (G.12)							
28SSW Wall (G.S9.E8)	0.410	200.90	0.268	156.80	0.348	357.70	SOUTH
in space: 28South Perim Spc (G.S9)							
92SSW Wall (G.12.E21)	0.000	0.00	0.268	34.70	0.268	34.70	SOUTH
in space: 92Plnm (G.12)							
68SSW Wall (G.ESE3.E10)	0.000	0.00	0.268	49.00	0.268	49.00	SOUTH
in space: 68ESE Perim Spc (G.ESE3)							
28SSW Wall (G.SSW10.E9)	0.411	197.80	0.268	323.70	0.322	521.50	SOUTH
in space: 28SSW Perim Spc (G.SSW10)							
28SSW Wall (G.SW11.E10)	0.410	215.60	0.268	304.50	0.327	520.10	SOUTH
in space: 28SW Perim Spc (G.SW11)							
68SSW Wall (G.W4.E13)	0.000	0.00	0.268	126.00	0.268	126.00	SOUTH
in space: 68West Perim Spc (G.W4)							
68SSW Wall (G.SW5.E16)	0.373	188.64	0.268	178.16	0.322	366.80	SOUTH
in space: 68SW Perim Spc (G.SW5)							
28SSW Wall (G.13.E14)	0.000	0.00	0.268	199.90	0.268	199.90	SOUTH
in space: 28Plnm (G.13)							
68SSW Wall (G.S6.E18)	0.373	268.20	0.268	253.30	0.322	521.50	SOUTH
in space: 68South Perim Spc (G.S6)							
Exterior Wall 887	0.572	841.00	0.268	59.00	0.552	900.00	SOUTH
in space: 25SSW Perim Spc (G.SSW5)							
6MCSSW Wall (G.WSW1.E2)	0.000	0.00	0.307	4003.29	0.307	4003.29	SOUTH
in space: 6MCWSW Perim Spc (G.WSW1)							
1MSSW Wall (G.SW3.E6)	0.985	52.50	0.307	530.28	0.368	582.78	SOUTH
in space: 1MSW Perim Spc (G.SW3)							
1MWest Wall (G.SW3.E5)	0.972	225.00	0.307	166.28	0.690	391.28	SOUTH-WEST
in space: 1MSW Perim Spc (G.SW3)							
GWest Wall (G.W8.E12)	0.964	450.00	0.307	283.65	0.710	733.65	SOUTH-WEST
in space: GWest Perim Spc (G.W8)							

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25West Wall (T.W39.E40)	0.963	542.50	0.307	313.43	0.723	855.92	SOUTH-WEST
in space: 25West Perim Spc (T.W39)							
6MCWest Wall (G.WSW1.E1)	0.000	0.00	0.307	1760.76	0.307	1760.76	SOUTH-WEST
in space: 6MCWSW Perim Spc (G.WSW1)							
GWest Wall (G.18.E22)	0.000	0.00	0.268	97.82	0.268	97.82	SOUTH-WEST
in space: GPlnm (G.18)							
25West Wall (G.W7.E10)	0.963	542.50	0.307	313.43	0.723	855.92	SOUTH-WEST
in space: 25West Perim Spc (G.W7)							
25West Wall (M.W23.E25)	0.963	1085.00	0.307	626.85	0.723	1711.85	SOUTH-WEST
in space: 25West Perim Spc (M.W23)							
6MCWest Wall (G.11.E17)	0.000	0.00	0.268	97.82	0.268	97.82	SOUTH-WEST
in space: 6MCPlnm (G.11)							
Exterior Wall 886	0.000	0.00	0.268	2988.00	0.268	2988.00	WEST
in space: 93MERSpace							
6MCWNW Wall (G.N2.E4)	0.000	0.00	0.268	1036.82	0.268	1036.82	WEST
in space: 6MCNorth Perim Spc (G.N2)							
10AWNW Wall (G.N8.E9)	0.373	337.61	0.268	144.69	0.342	482.30	WEST
in space: 10ANorth Perim Spc (G.N8)							
25WNW Wall (G.W4.E6)	0.000	0.00	0.307	448.88	0.307	448.88	WEST
in space: 25West Perim Spc (G.W4)							
2026WNW Wall (G.SW11.E11)	0.373	97.56	0.268	120.84	0.315	218.40	WEST
in space: 2026SW Perim Spc (G.SW11)							
2936WNW Wall (M.SW24.E27)	0.373	780.50	0.268	442.54	0.335	1223.04	WEST
in space: 2936SW Perim Spc (M.SW24)							
70WNW Wall (G.12.E27)	0.000	0.00	0.268	27.50	0.268	27.50	WEST
in space: 70Plnm (G.12)							
5765WNW Wall (M.26.E44)	0.000	0.00	0.268	1112.40	0.268	1112.40	WEST
in space: 5765Plnm (M.26)							
7179WNW Wall (M.NNW13.E29)	0.415	1263.59	0.268	72.91	0.407	1336.50	WEST
in space: 7179NNW Perim Spc (M.NNW13)							
2936WNW Wall (M.WNW25.E28)	0.373	1671.07	0.268	947.49	0.335	2618.56	WEST
in space: 2936WNW Perim Spc (M.WNW25)							
7179WNW Wall (M.NNW13.E31)	0.408	1943.99	0.268	136.09	0.399	2080.08	WEST
in space: 7179NNW Perim Spc (M.NNW13)							
5765WNW Wall (M.26.E46)	0.000	0.00	0.268	268.20	0.268	268.20	WEST
in space: 5765Plnm (M.26)							
2936WNW Wall (M.26.E29)	0.000	0.00	0.268	1401.60	0.268	1401.60	WEST
in space: 2936Plnm (M.26)							
7179WNW Wall (M.W14.E34)	0.373	2292.66	0.268	1357.20	0.334	3649.86	WEST
in space: 7179West Perim Spc (M.W14)							
7179WNW Wall (M.SW15.E35)	0.373	909.73	0.268	538.55	0.334	1448.28	WEST
in space: 7179SW Perim Spc (M.SW15)							
10AWNW Wall (G.N8.E11)	0.373	16.17	0.268	6.93	0.342	23.10	WEST
in space: 10ANorth Perim Spc (G.N8)							
25WNW Wall (M.W20.E21)	0.000	0.00	0.307	897.75	0.307	897.75	WEST
in space: 25West Perim Spc (M.W20)							
1519WNW Wall (G.W12.E14)	0.373	853.67	0.268	511.33	0.334	1365.00	WEST
in space: 1519West Perim Spc (G.W12)							
3744WNW Wall (M.NNW18.E17)	0.405	2744.00	0.268	282.24	0.393	3026.24	WEST
in space: 3744NNW Perim Spc (M.NNW18)							
5765WNW Wall (M.26.E52)	0.000	0.00	0.268	196.20	0.268	196.20	WEST
in space: 5765Plnm (M.26)							
2026WNW Wall (G.14.E15)	0.000	0.00	0.268	69.48	0.268	69.48	WEST
in space: 2026Plnm (G.14)							
66WNW Wall (T.NNW27.E54)	0.407	237.60	0.268	90.00	0.369	327.60	WEST
in space: 66NNW Perim Spc (T.NNW27)							
1519WNW Wall (G.WNW13.E15)	0.373	626.65	0.268	375.35	0.334	1002.00	WEST
in space: 1519WNW Perim Spc (G.WNW13)							

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66WNW Wall (T.NNW27.E56)	0.373	73.95	0.268	78.65	0.319	152.60	WEST
in space: 66NNW Perim Spc (T.NNW27)							
7179WNW Wall (M.24.E45)	0.000	0.00	0.268	1061.10	0.268	1061.10	WEST
in space: 7179Plnm (M.24)							
2026WNW Wall (G.14.E17)	0.000	0.00	0.268	88.20	0.268	88.20	WEST
in space: 2026Plnm (G.14)							
7179WNW Wall (M.24.E47)	0.000	0.00	0.268	268.20	0.268	268.20	WEST
in space: 7179Plnm (M.24)							
1519WNW Wall (G.14.E16)	0.000	0.00	0.268	208.44	0.268	208.44	WEST
in space: 1519Plnm (G.14)							
66WNW Wall (T.W28.E59)	0.373	260.51	0.268	277.09	0.319	537.60	WEST
in space: 66West Perim Spc (T.W28)							
66WNW Wall (T.SW29.E60)	0.373	101.08	0.268	107.52	0.319	208.60	WEST
in space: 66SW Perim Spc (T.SW29)							
GWNW Wall (G.NW2.E4)	0.572	463.85	0.268	17.69	0.561	481.54	WEST
in space: GNW Perim Spc (G.NW2)							
1519WNW Wall (G.14.E18)	0.000	0.00	0.268	426.06	0.268	426.06	WEST
in space: 1519Plnm (G.14)							
Exterior Wall 896	0.000	0.00	0.268	1080.00	0.268	1080.00	WEST
in space: 6MC Top Spc							
10AWNW Wall (G.10.E15)	0.000	0.00	0.268	1608.46	0.268	1608.46	WEST
in space: 10APlnm (G.10)							
7179WNW Wall (M.24.E55)	0.000	0.00	0.268	247.50	0.268	247.50	WEST
in space: 7179Plnm (M.24)							
2026WNW Wall (M.WNW21.E23)	0.373	1207.02	0.268	722.98	0.334	1930.00	WEST
in space: 2026WNW Perim Spc (M.WNW21)							
8087WNW Wall (M.NNW13.E29)	0.415	1123.19	0.268	64.81	0.407	1188.00	WEST
in space: 8087NNW Perim Spc (M.NNW13)							
3744WNW Wall (M.SW24.E27)	0.373	780.50	0.268	442.54	0.335	1223.04	WEST
in space: 3744SW Perim Spc (M.SW24)							
8087WNW Wall (M.NNW13.E31)	0.408	1727.99	0.268	120.97	0.399	1848.96	WEST
in space: 8087NNW Perim Spc (M.NNW13)							
3744WNW Wall (M.WNW25.E28)	0.373	1671.07	0.268	947.49	0.335	2618.56	WEST
in space: 3744WNW Perim Spc (M.WNW25)							
3744WNW Wall (M.26.E29)	0.000	0.00	0.268	1401.60	0.268	1401.60	WEST
in space: 3744Plnm (M.26)							
8087WNW Wall (M.W14.E34)	0.373	2037.92	0.268	1206.40	0.334	3244.32	WEST
in space: 8087West Perim Spc (M.W14)							
8087WNW Wall (M.SW15.E35)	0.373	808.65	0.268	478.71	0.334	1287.36	WEST
in space: 8087SW Perim Spc (M.SW15)							
8AWNW Wall (G.NW1.E1)	0.000	0.00	0.268	670.80	0.268	670.80	WEST
in space: 8ANW Perim Spc (G.NW1)							
66WNW Wall (T.39.E70)	0.000	0.00	0.268	123.60	0.268	123.60	WEST
in space: 66Plnm (T.39)							
10AWNW Wall (G.10.E17)	0.000	0.00	0.268	3287.76	0.268	3287.76	WEST
in space: 10APlnm (G.10)							
66WNW Wall (T.39.E72)	0.000	0.00	0.268	29.80	0.268	29.80	WEST
in space: 66Plnm (T.39)							
1MWNW Wall (G.SW4.E7)	0.000	0.00	0.307	178.40	0.307	178.40	WEST
in space: 1MSW Perim Spc (G.SW4)							
45WNW Wall (T.NNW31.E33)	0.405	343.00	0.268	197.40	0.355	540.40	WEST
in space: 45NNW Perim Spc (T.NNW31)							
1519WNW Wall (M.WNW20.E24)	0.373	1207.02	0.268	722.98	0.334	1930.00	WEST
in space: 1519WNW Perim Spc (M.WNW20)							
2026WNW Wall (M.WNW23.E28)	0.373	1044.42	0.268	625.58	0.334	1670.00	WEST
in space: 2026WNW Perim Spc (M.WNW23)							
25WNW Wall (M.SSW21.E24)	0.000	0.00	0.307	878.50	0.307	878.50	WEST
in space: 25SSW Perim Spc (M.SSW21)							

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8087WNW Wall (M.24.E45)	0.000	0.00	0.268	943.20	0.268	943.20	WEST
in space: 8087Plnm (M.24)							
66WNW Wall (T.39.E78)	0.000	0.00	0.268	21.80	0.268	21.80	WEST
in space: 66Plnm (T.39)							
8087WNW Wall (M.24.E47)	0.000	0.00	0.268	238.40	0.268	238.40	WEST
in space: 8087Plnm (M.24)							
8AWNW Wall (G.WSW2.E4)	0.000	0.00	0.268	189.60	0.268	189.60	WEST
in space: 8AWSW Perim Spc (G.WSW2)							
67MCWNW Wall (G.NNW1.E1)	0.000	0.00	0.268	655.20	0.268	655.20	WEST
in space: 67MCNNW Perim Spc (G.NNW1)							
2026WNW Wall (M.SW25.E31)	0.373	487.81	0.268	292.19	0.334	780.00	WEST
in space: 2026SW Perim Spc (M.SW25)							
67MCWNW Wall (G.NNW1.E3)	0.000	0.00	0.268	305.20	0.268	305.20	WEST
in space: 67MCNNW Perim Spc (G.NNW1)							
10MWNW Wall (G.WNW1.E1)	0.000	0.00	0.268	1948.22	0.268	1948.22	WEST
in space: 10MWNW Perim Spc (G.WNW1)							
25WNW Wall (G.SSW5.E9)	0.000	0.00	0.307	439.25	0.307	439.25	WEST
in space: 25SSW Perim Spc (G.SSW5)							
67MCWNW Wall (G.W2.E6)	0.000	0.00	0.268	1075.20	0.268	1075.20	WEST
in space: 67MCWest Perim Spc (G.W2)							
8087WNW Wall (M.24.E55)	0.000	0.00	0.268	220.00	0.268	220.00	WEST
in space: 8087Plnm (M.24)							
67MCWNW Wall (G.SW3.E7)	0.000	0.00	0.268	417.20	0.268	417.20	WEST
in space: 67MCSW Perim Spc (G.SW3)							
88WNW Wall (T.NNW25.E57)	0.415	140.40	0.268	52.10	0.375	192.50	WEST
in space: 88NNW Perim Spc (T.NNW25)							
10MWNW Wall (G.SSW2.E3)	0.000	0.00	0.268	242.07	0.268	242.07	WEST
in space: 10MSSW Perim Spc (G.SSW2)							
88WNW Wall (T.NNW25.E59)	0.408	216.00	0.268	83.60	0.369	299.60	WEST
in space: 88NNW Perim Spc (T.NNW25)							
2026WNW Wall (M.28.E35)	0.000	0.00	0.268	347.40	0.268	347.40	WEST
in space: 2026Plnm (M.28)							
45WNW Wall (T.SW37.E43)	0.373	97.56	0.268	120.84	0.315	218.40	WEST
in space: 45SW Perim Spc (T.SW37)							
88WNW Wall (T.W26.E62)	0.373	254.74	0.268	270.96	0.319	525.70	WEST
in space: 88West Perim Spc (T.W26)							
88WNW Wall (T.SW27.E63)	0.373	101.08	0.268	107.52	0.319	208.60	WEST
in space: 88SW Perim Spc (T.SW27)							
45WNW Wall (T.WNW38.E44)	0.373	208.88	0.268	258.72	0.315	467.60	WEST
in space: 45WNW Perim Spc (T.WNW38)							
45WNW Wall (T.39.E45)	0.000	0.00	0.268	175.20	0.268	175.20	WEST
in space: 45Plnm (T.39)							
GWNW Wall (G.18.E33)	0.000	0.00	0.268	199.40	0.268	199.40	WEST
in space: GPlnm (G.18)							
2026WNW Wall (M.28.E37)	0.000	0.00	0.268	441.00	0.268	441.00	WEST
in space: 2026Plnm (M.28)							
8AWNW Wall (G.WSW2.E7)	0.494	18.00	0.268	237.60	0.284	255.60	WEST
in space: 8AWSW Perim Spc (G.WSW2)							
46MCWNW Wall (T.NNW31.E33)	0.000	0.00	0.268	694.80	0.268	694.80	WEST
in space: 46MCNNW Perim Spc (T.NNW31)							
68WNW Wall (G.NNW1.E1)	0.403	280.00	0.268	7.70	0.400	287.70	WEST
in space: 68NNW Perim Spc (G.NNW1)							
GWNW Wall (G.SSW12.E19)	0.572	362.70	0.307	13.80	0.562	376.50	WEST
in space: GSSW Perim Spc (G.SSW12)							
68WNW Wall (G.NNW1.E3)	0.373	116.60	0.268	75.90	0.332	192.50	WEST
in space: 68NNW Perim Spc (G.NNW1)							
88WNW Wall (T.36.E73)	0.000	0.00	0.268	117.90	0.268	117.90	WEST
in space: 88Plnm (T.36)							

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1MWNW Wall (G.SSW5.E10)	0.000	0.00	0.307	227.60	0.307	227.60	WEST
in space: 1MSSW Perim Spc (G.SSW5)							
88WNW Wall (T.36.E75)	0.000	0.00	0.268	29.80	0.268	29.80	WEST
in space: 88Plnm (T.36)							
10MWNW Wall (G.SSW7.E8)	0.000	0.00	0.268	2557.77	0.268	2557.77	WEST
in space: 10MSSW Perim Spc (G.SSW7)							
10MWNW Wall (G.N8.E9)	0.000	0.00	0.268	2009.47	0.268	2009.47	WEST
in space: 10MNorth Perim Spc (G.N8)							
2026WNW Wall (T.WNW35.E43)	0.373	241.40	0.268	299.00	0.315	540.40	WEST
in space: 2026WNW Perim Spc (T.WNW35)							
1MWNW Wall (G.NW1.E1)	0.000	0.00	0.268	540.80	0.268	540.80	WEST
in space: 1MNW Perim Spc (G.NW1)							
1519WNW Wall (M.W26.E37)	0.373	1422.78	0.268	852.22	0.334	2275.00	WEST
in space: 1519West Perim Spc (M.W26)							
1519WNW Wall (M.WNW27.E38)	0.373	1044.42	0.268	625.58	0.334	1670.00	WEST
in space: 1519WNW Perim Spc (M.WNW27)							
1519WNW Wall (M.28.E39)	0.000	0.00	0.268	347.40	0.268	347.40	WEST
in space: 1519Plnm (M.28)							
88WNW Wall (T.36.E83)	0.000	0.00	0.268	27.50	0.268	27.50	WEST
in space: 88Plnm (T.36)							
46MCWNW Wall (T.SW37.E43)	0.000	0.00	0.268	280.80	0.268	280.80	WEST
in space: 46MCSW Perim Spc (T.SW37)							
89WNW Wall (G.NNW1.E1)	0.404	504.00	0.268	35.00	0.396	539.00	WEST
in space: 89NNW Perim Spc (G.NNW1)							
46MCWNW Wall (T.WNW38.E44)	0.000	0.00	0.268	601.20	0.268	601.20	WEST
in space: 46MCWNW Perim Spc (T.WNW38)							
89WNW Wall (G.NNW1.E3)	0.411	336.00	0.268	49.00	0.393	385.00	WEST
in space: 89NNW Perim Spc (G.NNW1)							
68WNW Wall (G.W4.E14)	0.373	325.63	0.268	211.97	0.332	537.60	WEST
in space: 68West Perim Spc (G.W4)							
68WNW Wall (G.SW5.E15)	0.373	126.35	0.268	82.25	0.332	208.60	WEST
in space: 68SW Perim Spc (G.SW5)							
46MCWNW Wall (T.39.E45)	0.000	0.00	0.268	175.20	0.268	175.20	WEST
in space: 46MCPlnm (T.39)							
2026WNW Wall (T.WNW37.E48)	0.373	208.88	0.268	258.72	0.315	467.60	WEST
in space: 2026WNW Perim Spc (T.WNW37)							
10MWNW Wall (G.N8.E11)	0.000	0.00	0.268	96.24	0.268	96.24	WEST
in space: 10MNorth Perim Spc (G.N8)							
89WNW Wall (G.W4.E9)	0.373	673.31	0.268	438.29	0.332	1111.60	WEST
in space: 89West Perim Spc (G.W4)							
89WNW Wall (G.SW5.E10)	0.373	252.70	0.268	164.50	0.332	417.20	WEST
in space: 89SW Perim Spc (G.SW5)							
1519WNW Wall (M.28.E41)	0.000	0.00	0.268	710.10	0.268	710.10	WEST
in space: 1519Plnm (M.28)							
47WNW Wall (G.NNW1.E1)	0.407	237.60	0.268	15.12	0.399	252.72	WEST
in space: 47NNW Perim Spc (G.NNW1)							
68WNW Wall (G.11.E21)	0.000	0.00	0.268	117.90	0.268	117.90	WEST
in space: 68Plnm (G.11)							
2026WNW Wall (T.SW39.E51)	0.373	97.56	0.268	120.84	0.315	218.40	WEST
in space: 2026SW Perim Spc (T.SW39)							
68WNW Wall (G.11.E23)	0.000	0.00	0.268	29.80	0.268	29.80	WEST
in space: 68Plnm (G.11)							
47WNW Wall (G.NNW1.E3)	0.373	73.95	0.268	43.77	0.334	117.72	WEST
in space: 47NNW Perim Spc (G.NNW1)							
89WNW Wall (G.11.E17)	0.000	0.00	0.268	235.80	0.268	235.80	WEST
in space: 89Plnm (G.11)							
8AWNW Wall (G.SW9.E11)	0.000	0.00	0.268	128.40	0.268	128.40	WEST
in space: 8ASW Perim Spc (G.SW9)							

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89WNW Wall (G.11.E19)	0.000	0.00	0.268	59.60	0.268	59.60	WEST
in space: 89Plnm (G.11)							
GWNW Wall (G.18.E24)	0.000	0.00	0.268	101.50	0.268	101.50	WEST
in space: GPlnm (G.18)							
47WNW Wall (G.W2.E6)	0.373	260.51	0.268	154.21	0.334	414.72	WEST
in space: 47West Perim Spc (G.W2)							
47WNW Wall (G.SW3.E7)	0.373	101.08	0.268	59.84	0.334	160.92	WEST
in space: 47SW Perim Spc (G.SW3)							
25WNW Wall (G.NW1.E1)	0.000	0.00	0.268	1183.00	0.268	1183.00	WEST
in space: 25NW Perim Spc (G.NW1)							
2026WNW Wall (T.42.E55)	0.000	0.00	0.268	69.48	0.268	69.48	WEST
in space: 2026Plnm (T.42)							
11MCWNW Wall (G.NNE1.E1)	0.000	0.00	0.268	914.82	0.268	914.82	WEST
in space: 11MCNNE Perim Spc (G.NNE1)							
89WNW Wall (G.11.E26)	0.000	0.00	0.268	55.00	0.268	55.00	WEST
in space: 89Plnm (G.11)							
2026WNW Wall (T.42.E57)	0.000	0.00	0.268	88.20	0.268	88.20	WEST
in space: 2026Plnm (T.42)							
89DBWNW Wall (G.WNW1.E1)	0.000	0.00	0.268	3320.10	0.268	3320.10	WEST
in space: 89DBWNW Perim Spc (G.WNW1)							
68WNW Wall (G.11.E33)	0.000	0.00	0.268	27.50	0.268	27.50	WEST
in space: 68Plnm (G.11)							
8AWNW Wall (G.WSW10.E14)	0.000	0.00	0.268	439.20	0.268	439.20	WEST
in space: 8AWSW Perim Spc (G.WSW10)							
68DBWNW Wall (G.WNW1.E1)	0.000	0.00	0.268	1891.50	0.268	1891.50	WEST
in space: 68DBWNW Perim Spc (G.WNW1)							
89DBWNW Wall (G.2.E5)	0.000	0.00	0.268	210.80	0.268	210.80	WEST
in space: 89DBPlnm (G.2)							
1519WNW Wall (T.WNW34.E47)	0.373	241.40	0.268	299.00	0.315	540.40	WEST
in space: 1519WNW Perim Spc (T.WNW34)							
6MCWNW Wall (G.NW3.E6)	0.000	0.00	0.268	1924.20	0.268	1924.20	WEST
in space: 6MCNW Perim Spc (G.NW3)							
GWNW Wall (G.W5.E7)	0.572	370.64	0.307	14.11	0.562	384.75	WEST
in space: GWest Perim Spc (G.W5)							
90WNW Wall (G.NNW1.E1)	0.373	326.48	0.268	212.52	0.332	539.00	WEST
in space: 90NNW Perim Spc (G.NNW1)							
11MCWNW Wall (G.WNW2.E5)	0.000	0.00	0.268	186.05	0.268	186.05	WEST
in space: 11MCWNW Perim Spc (G.WNW2)							
90WNW Wall (G.NNW1.E3)	0.373	233.20	0.268	151.80	0.332	385.00	WEST
in space: 90NNW Perim Spc (G.NNW1)							
27MCWNW Wall (G.WNW7.E3)	0.000	0.00	0.268	694.80	0.268	694.80	WEST
in space: 27MCWNW Perim Spc (G.WNW7)							
68DBWNW Wall (G.2.E7)	0.000	0.00	0.268	126.10	0.268	126.10	WEST
in space: 68DBPlnm (G.2)							
47WNW Wall (G.13.E18)	0.000	0.00	0.268	123.60	0.268	123.60	WEST
in space: 47Plnm (G.13)							
25WNW Wall (T.NW33.E31)	0.000	0.00	0.268	1183.00	0.268	1183.00	WEST
in space: 25NW Perim Spc (T.NW33)							
47WNW Wall (G.13.E20)	0.000	0.00	0.268	29.80	0.268	29.80	WEST
in space: 47Plnm (G.13)							
90WNW Wall (G.W4.E9)	0.373	673.31	0.268	438.29	0.332	1111.60	WEST
in space: 90West Perim Spc (G.W4)							
90WNW Wall (G.SW5.E10)	0.373	252.70	0.268	164.50	0.332	417.20	WEST
in space: 90SW Perim Spc (G.SW5)							
11MCWNW Wall (G.SW3.E7)	0.000	0.00	0.268	171.83	0.268	171.83	WEST
in space: 11MCSW Perim Spc (G.SW3)							
1MWNW Wall (G.N2.E4)	0.000	0.00	0.268	256.80	0.268	256.80	WEST
in space: 1MNorth Perim Spc (G.N2)							

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69WNW Wall (G.NNW1.E1)	0.403	280.00	0.268	7.70	0.400	287.70	WEST
in space: 69NNW Perim Spc (G.NNW1)							
11MCWNW Wall (G.WSW5.E9)	0.000	0.00	0.268	1512.06	0.268	1512.06	WEST
in space: 11MCWSW Perim Spc (G.WSW5)							
69WNW Wall (G.NNW1.E3)	0.373	116.60	0.268	75.90	0.332	192.50	WEST
in space: 69NNW Perim Spc (G.NNW1)							
27MCWNW Wall (G.WNW9.E8)	0.000	0.00	0.268	601.20	0.268	601.20	WEST
in space: 27MCWNW Perim Spc (G.WNW9)							
90WNW Wall (G.11.E17)	0.000	0.00	0.268	235.80	0.268	235.80	WEST
in space: 90Plnm (G.11)							
8MCWNW Wall (G.NNE1.E1)	0.000	0.00	0.268	473.00	0.268	473.00	WEST
in space: 8MANNE Perim Spc (G.NNE1)							
90WNW Wall (G.11.E19)	0.000	0.00	0.268	59.60	0.268	59.60	WEST
in space: 90Plnm (G.11)							
47WNW Wall (G.13.E26)	0.000	0.00	0.268	21.80	0.268	21.80	WEST
in space: 47Plnm (G.13)							
25WNW Wall (M.NW17.E16)	0.000	0.00	0.268	2366.00	0.268	2366.00	WEST
in space: 25NW Perim Spc (M.NW17)							
4856WNW Wall (M.NNW14.E28)	0.407	2138.39	0.268	136.09	0.399	2274.48	WEST
in space: 4856NNW Perim Spc (M.NNW14)							
27MCWNW Wall (G.SW11.E11)	0.000	0.00	0.268	280.80	0.268	280.80	WEST
in space: 27MCSW Perim Spc (G.SW11)							
4856WNW Wall (M.NNW14.E30)	0.373	665.51	0.268	393.97	0.334	1059.48	WEST
in space: 4856NNW Perim Spc (M.NNW14)							
6MCWNW Wall (G.11.E11)	0.000	0.00	0.268	85.60	0.268	85.60	WEST
in space: 6MCPlnm (G.11)							
90WNW Wall (G.11.E26)	0.000	0.00	0.268	55.00	0.268	55.00	WEST
in space: 90Plnm (G.11)							
25WNW Wall (T.N34.E34)	0.000	0.00	0.268	561.75	0.268	561.75	WEST
in space: 25North Perim Spc (T.N34)							
91WNW Wall (G.NNW1.E1)	0.405	238.00	0.268	31.50	0.389	269.50	WEST
in space: 91NNW Perim Spc (G.NNW1)							
4856WNW Wall (M.W15.E33)	0.373	2344.55	0.268	1387.93	0.334	3732.48	WEST
in space: 4856West Perim Spc (M.W15)							
91WNW Wall (G.NNW1.E3)	0.411	168.00	0.268	24.50	0.393	192.50	WEST
in space: 91NNW Perim Spc (G.NNW1)							
69WNW Wall (G.W4.E14)	0.373	325.63	0.268	211.97	0.332	537.60	WEST
in space: 69West Perim Spc (G.W4)							
69WNW Wall (G.SW5.E15)	0.373	126.35	0.268	82.25	0.332	208.60	WEST
in space: 69SW Perim Spc (G.SW5)							
4856WNW Wall (M.SW16.E34)	0.373	909.73	0.268	538.55	0.334	1448.28	WEST
in space: 4856SW Perim Spc (M.SW16)							
11DBWNW Wall (G.WNW1.E1)	0.000	0.00	0.268	4529.80	0.268	4529.80	WEST
in space: 11DBWNW Perim Spc (G.WNW1)							
91WNW Wall (G.W4.E8)	0.000	0.00	0.268	555.80	0.268	555.80	WEST
in space: 91West Perim Spc (G.W4)							
91WNW Wall (G.SW5.E9)	0.000	0.00	0.268	208.60	0.268	208.60	WEST
in space: 91SW Perim Spc (G.SW5)							
28WNW Wall (G.NNW5.E1)	0.405	343.00	0.268	197.40	0.355	540.40	WEST
in space: 28NNW Perim Spc (G.NNW5)							
1519WNW Wall (T.W40.E60)	0.373	284.56	0.268	352.44	0.315	637.00	WEST
in space: 1519West Perim Spc (T.W40)							
1519WNW Wall (T.WNW41.E61)	0.373	208.88	0.268	258.72	0.315	467.60	WEST
in space: 1519WNW Perim Spc (T.WNW41)							
69WNW Wall (G.11.E21)	0.000	0.00	0.268	117.90	0.268	117.90	WEST
in space: 69Plnm (G.11)							
1519WNW Wall (T.42.E62)	0.000	0.00	0.268	69.48	0.268	69.48	WEST
in space: 1519Plnm (T.42)							

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69WNW Wall (G.11.E23)	0.000	0.00	0.268	29.80	0.268	29.80	WEST
in space: 69Plnm (G.11)							
91WNW Wall (G.12.E16)	0.000	0.00	0.268	117.90	0.268	117.90	WEST
in space: 91Plnm (G.12)							
25WNW Wall (G.N2.E4)	0.000	0.00	0.268	561.75	0.268	561.75	WEST
in space: 25North Perim Spc (G.N2)							
91WNW Wall (G.12.E18)	0.000	0.00	0.268	29.80	0.268	29.80	WEST
in space: 91Plnm (G.12)							
1519WNW Wall (T.42.E64)	0.000	0.00	0.268	142.02	0.268	142.02	WEST
in space: 1519Plnm (T.42)							
25WNW Wall (T.W36.E36)	0.000	0.00	0.307	448.88	0.307	448.88	WEST
in space: 25West Perim Spc (T.W36)							
8MCWNW Wall (G.SSW2.E7)	0.373	899.60	0.268	47.40	0.368	947.00	WEST
in space: 8MASSW Perim Spc (G.SSW2)							
4856WNW Wall (M.26.E44)	0.000	0.00	0.268	1112.40	0.268	1112.40	WEST
in space: 4856Plnm (M.26)							
1519WNW Wall (G.WNW6.E1)	0.373	724.21	0.268	433.79	0.334	1158.00	WEST
in space: 1519WNW Perim Spc (G.WNW6)							
4856WNW Wall (M.26.E46)	0.000	0.00	0.268	268.20	0.268	268.20	WEST
in space: 4856Plnm (M.26)							
10AWNW Wall (G.WNW1.E1)	0.373	327.32	0.268	140.28	0.342	467.60	WEST
in space: 10AWNW Perim Spc (G.WNW1)							
91WNW Wall (G.12.E26)	0.000	0.00	0.268	27.50	0.268	27.50	WEST
in space: 91Plnm (G.12)							
28WNW Wall (G.SW11.E11)	0.373	97.56	0.268	120.84	0.315	218.40	WEST
in space: 28SW Perim Spc (G.SW11)							
92WNW Wall (G.NNW1.E1)	0.405	238.00	0.268	31.50	0.389	269.50	WEST
in space: 92NNW Perim Spc (G.NNW1)							
69WNW Wall (G.11.E33)	0.000	0.00	0.268	27.50	0.268	27.50	WEST
in space: 69Plnm (G.11)							
92WNW Wall (G.NNW1.E3)	0.411	168.00	0.268	24.50	0.393	192.50	WEST
in space: 92NNW Perim Spc (G.NNW1)							
28WNW Wall (G.WNW12.E12)	0.373	208.88	0.268	258.72	0.315	467.60	WEST
in space: 28WNW Perim Spc (G.WNW12)							
70WNW Wall (G.NNW1.E1)	0.415	140.40	0.268	8.10	0.407	148.50	WEST
in space: 70NNW Perim Spc (G.NNW1)							
28WNW Wall (G.13.E13)	0.000	0.00	0.268	175.20	0.268	175.20	WEST
in space: 28Plnm (G.13)							
70WNW Wall (G.NNW1.E3)	0.408	216.00	0.268	15.12	0.399	231.12	WEST
in space: 70NNW Perim Spc (G.NNW1)							
92WNW Wall (G.W4.E8)	0.000	0.00	0.268	555.80	0.268	555.80	WEST
in space: 92West Perim Spc (G.W4)							
92WNW Wall (G.SW5.E9)	0.000	0.00	0.268	208.60	0.268	208.60	WEST
in space: 92SW Perim Spc (G.SW5)							
6MCWNW Wall (G.11.E15)	0.000	0.00	0.268	164.50	0.268	164.50	WEST
in space: 6MCPlnm (G.11)							
4856WNW Wall (M.26.E52)	0.000	0.00	0.268	196.20	0.268	196.20	WEST
in space: 4856Plnm (M.26)							
70WNW Wall (G.W2.E6)	0.373	254.74	0.268	150.80	0.334	405.54	WEST
in space: 70West Perim Spc (G.W2)							
70WNW Wall (G.SW3.E7)	0.373	101.08	0.268	59.84	0.334	160.92	WEST
in space: 70SW Perim Spc (G.SW3)							
10AWNW Wall (G.SSW2.E3)	0.373	40.67	0.268	17.43	0.342	58.10	WEST
in space: 10ASSW Perim Spc (G.SSW2)							
5765WNW Wall (M.NNW14.E28)	0.407	2138.39	0.268	136.09	0.399	2274.48	WEST
in space: 5765NNW Perim Spc (M.NNW14)							
92WNW Wall (G.12.E16)	0.000	0.00	0.268	117.90	0.268	117.90	WEST
in space: 92Plnm (G.12)							

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GWNW Wall (G.NW1.E1)	0.572	976.82	0.268	37.18	0.561	1014.00	WEST
in space: GNW Perim Spc (G.NW1)							
92WNW Wall (G.12.E18)	0.000	0.00	0.268	29.80	0.268	29.80	WEST
in space: 92Plnm (G.12)							
5765WNW Wall (M.NNW14.E30)	0.373	665.51	0.268	393.97	0.334	1059.48	WEST
in space: 5765NNW Perim Spc (M.NNW14)							
2936WNW Wall (M.NNW18.E17)	0.405	2744.00	0.268	282.24	0.393	3026.24	WEST
in space: 2936NNW Perim Spc (M.NNW18)							
2026WNW Wall (G.WNW7.E3)	0.373	241.40	0.268	299.00	0.315	540.40	WEST
in space: 2026WNW Perim Spc (G.WNW7)							
5765WNW Wall (M.W15.E33)	0.373	2344.55	0.268	1387.93	0.334	3732.48	WEST
in space: 5765West Perim Spc (M.W15)							
5765WNW Wall (M.SW16.E34)	0.373	909.73	0.268	538.55	0.334	1448.28	WEST
in space: 5765SW Perim Spc (M.SW16)							
25WNW Wall (M.N18.E19)	0.000	0.00	0.268	1123.50	0.268	1123.50	WEST
in space: 25North Perim Spc (M.N18)							
70WNW Wall (G.12.E17)	0.000	0.00	0.268	117.90	0.268	117.90	WEST
in space: 70Plnm (G.12)							
92WNW Wall (G.12.E26)	0.000	0.00	0.268	27.50	0.268	27.50	WEST
in space: 92Plnm (G.12)							
25WNW Wall (T.SSW37.E39)	0.000	0.00	0.307	439.25	0.307	439.25	WEST
in space: 25SSW Perim Spc (T.SSW37)							
70WNW Wall (G.12.E19)	0.000	0.00	0.268	29.80	0.268	29.80	WEST
in space: 70Plnm (G.12)							
6MCRoof	0.000	0.00	0.049	27215.10	0.049	27215.10	WEST
in space: 6MCPlnm (G.11)							
10AWNW Wall (G.SSW7.E8)	0.373	429.73	0.268	184.17	0.342	613.90	WEST
in space: 10ASSW Perim Spc (G.SSW7)							
2026WNW Wall (G.WNW9.E8)	0.373	208.88	0.268	258.72	0.315	467.60	WEST
in space: 2026WNW Perim Spc (G.WNW9)							
6MCWNW Wall (G.WSW1.E3)	0.000	0.00	0.307	1540.88	0.307	1540.88	WEST
in space: 6MCWSW Perim Spc (G.WSW1)							
92 Roof	0.000	0.00	0.049	7656.44	0.049	7656.44	ROOF
in space: 92Plnm (G.12)							
27MCRoof1	0.000	0.00	0.049	1244.85	0.049	1244.85	ROOF
in space: 27MCWNW Perim Spc (G.WNW7)							
Exterior Wall 897	0.000	0.00	0.049	2916.00	0.049	2916.00	ROOF
in space: 6MC Top Spc							
Exterior Wall 898	0.000	0.00	0.049	29904.78	0.049	29904.78	ROOF
in space: Roof Spc (6MC)							
27MCRoof2	0.000	0.00	0.049	3970.01	0.049	3970.01	ROOF
in space: 27MCNNE Perim Spc (G.NNE8)							
SC3Flr (B.N1.U1)	0.000	0.00	0.010	7871.45	0.010	7871.45	UNDERGRND
in space: SC3North Perim Spc (B.N1)							
SC3WNW Wall (B.N1.U2)	0.000	0.00	0.194	539.00	0.194	539.00	UNDERGRND
in space: SC3North Perim Spc (B.N1)							
SC3ESE Wall (B.N1.U3)	0.000	0.00	0.194	669.00	0.194	669.00	UNDERGRND
in space: SC3North Perim Spc (B.N1)							
SC3NNE Wall (B.N1.U4)	0.000	0.00	0.194	600.00	0.194	600.00	UNDERGRND
in space: SC3North Perim Spc (B.N1)							
SC3WNW Wall (B.N1.U5)	0.000	0.00	0.194	457.50	0.194	457.50	UNDERGRND
in space: SC3North Perim Spc (B.N1)							
SC3NNE Wall (B.N1.U6)	0.000	0.00	0.194	605.00	0.194	605.00	UNDERGRND
in space: SC3North Perim Spc (B.N1)							
SC3Flr (B.SSW2.U7)	0.000	0.00	0.010	7891.75	0.010	7891.75	UNDERGRND
in space: SC3SSW Perim Spc (B.SSW2)							
SC3SSW Wall (B.SSW2.U8)	0.000	0.00	0.194	890.00	0.194	890.00	UNDERGRND
in space: SC3SSW Perim Spc (B.SSW2)							

SC3WNW Wall (B.SSW2.U9)	0.000	0.00	0.194	409.00	0.194	409.00	UNDERGRND
in space: SC3SSW Perim Spc (B.SSW2)							

SURFACE	- - - W I N D O W S - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	- - - - W A L L - - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	-W A L L + W I N D O W S- U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	AZIMUTH
SC3SSW Wall (B.SSW2.U10)	0.000	0.00	0.194	315.00	0.194	315.00	UNDERGRND
in space: SC3SSW Perim Spc (B.SSW2)							
SC3ESE Wall (B.SSW2.U11)	0.000	0.00	0.194	957.00	0.194	957.00	UNDERGRND
in space: SC3SSW Perim Spc (B.SSW2)							
SC3WNW Wall (B.SSW2.U12)	0.000	0.00	0.194	548.00	0.194	548.00	UNDERGRND
in space: SC3SSW Perim Spc (B.SSW2)							
SC3Flr (B.C3.U13)	0.000	0.00	0.010	173.13	0.010	173.13	UNDERGRND
in space: SC3Core Spc (B.C3)							
SC3Flr (B.C4.U14)	0.000	0.00	0.010	177.00	0.010	177.00	UNDERGRND
in space: SC3Core Spc (B.C4)							
SC3Flr (B.C5.U15)	0.000	0.00	0.010	223.75	0.010	223.75	UNDERGRND
in space: SC3Core Spc (B.C5)							
SC3Flr (B.C6.U16)	0.000	0.00	0.010	483.50	0.010	483.50	UNDERGRND
in space: SC3Core Spc (B.C6)							
SC3Flr (B.ESE7.U17)	0.000	0.00	0.010	311.13	0.010	311.13	UNDERGRND
in space: SC3ESE Perim Spc (B.ESE7)							
SC3ESE Wall (B.ESE7.U18)	0.000	0.00	0.194	327.50	0.194	327.50	UNDERGRND
in space: SC3ESE Perim Spc (B.ESE7)							
SC2Flr (B.WNW1.U1)	0.000	0.00	0.010	1944.00	0.010	1944.00	UNDERGRND
in space: SC2WNW Perim Spc (B.WNW1)							
SC2WNW Wall (B.WNW1.U2)	0.000	0.00	0.139	2024.40	0.139	2024.40	UNDERGRND
in space: SC2WNW Perim Spc (B.WNW1)							
SC2Flr (B.NNE2.U3)	0.000	0.00	0.010	2589.42	0.010	2589.42	UNDERGRND
in space: SC2NNE Perim Spc (B.NNE2)							
SC2NNE Wall (B.NNE2.U4)	0.000	0.00	0.139	2627.13	0.139	2627.13	UNDERGRND
in space: SC2NNE Perim Spc (B.NNE2)							
SC2Flr (B.C3.U5)	0.000	0.00	0.010	946.40	0.010	946.40	UNDERGRND
in space: SC2Core Spc (B.C3)							
SC2Flr (B.C4.U6)	0.000	0.00	0.010	7390.86	0.010	7390.86	UNDERGRND
in space: SC2Core Spc (B.C4)							
SC2Flr (B.SW5.U7)	0.000	0.00	0.010	984.00	0.010	984.00	UNDERGRND
in space: SC2SW Perim Spc (B.SW5)							
SC2SSW Wall (B.SW5.U8)	0.000	0.00	0.139	624.40	0.139	624.40	UNDERGRND
in space: SC2SW Perim Spc (B.SW5)							
SC2WNW Wall (B.SW5.U9)	0.000	0.00	0.139	189.00	0.139	189.00	UNDERGRND
in space: SC2SW Perim Spc (B.SW5)							
SC2Flr (B.WNW6.U10)	0.000	0.00	0.010	333.75	0.010	333.75	UNDERGRND
in space: SC2WNW Perim Spc (B.WNW6)							
SC2WNW Wall (B.WNW6.U11)	0.000	0.00	0.139	311.50	0.139	311.50	UNDERGRND
in space: SC2WNW Perim Spc (B.WNW6)							
SC2Flr (B.SSW7.U12)	0.000	0.00	0.010	2033.25	0.010	2033.25	UNDERGRND
in space: SC2SSW Perim Spc (B.SSW7)							
SC2SSW Wall (B.SSW7.U13)	0.000	0.00	0.139	2002.70	0.139	2002.70	UNDERGRND
in space: SC2SSW Perim Spc (B.SSW7)							
SC2WNW Wall (B.SSW7.U14)	0.000	0.00	0.139	210.00	0.139	210.00	UNDERGRND
in space: SC2SSW Perim Spc (B.SSW7)							
SC2Flr (B.ESE8.U15)	0.000	0.00	0.010	2705.25	0.010	2705.25	UNDERGRND
in space: SC2ESE Perim Spc (B.ESE8)							
SC2ESE Wall (B.ESE8.U16)	0.000	0.00	0.139	2734.90	0.139	2734.90	UNDERGRND
in space: SC2ESE Perim Spc (B.ESE8)							
SC2Flr (B.C9.U17)	0.000	0.00	0.010	8653.21	0.010	8653.21	UNDERGRND

in space: SC2Core Spc (B.C9)							
SC2Flr (B.C10.U18)	0.000	0.00	0.010	1076.22	0.010	1076.22	UNDERGRND
in space: SC2Core Spc (B.C10)							

SURFACE	- - - W I N D O W S - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	- - - - W A L L - - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	-W A L L + W I N D O W S- U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	AZIMUTH
SC2Flr (B.C11.U19)	0.000	0.00	0.010	5737.29	0.010	5737.29	UNDERGRND
in space: SC2Core Spc (B.C11)							
SC1Flr (B.WNW1.U1)	0.000	0.00	0.010	1944.00	0.010	1944.00	UNDERGRND
in space: SC1WNW Perim Spc (B.WNW1)							
SC1WNW Wall (B.WNW1.U2)	0.000	0.00	0.111	2530.50	0.111	2530.50	UNDERGRND
in space: SC1WNW Perim Spc (B.WNW1)							
SC1Flr (B.NNE2.U3)	0.000	0.00	0.010	2589.42	0.010	2589.42	UNDERGRND
in space: SC1NNE Perim Spc (B.NNE2)							
SC1NNE Wall (B.NNE2.U4)	0.000	0.00	0.111	3283.91	0.111	3283.91	UNDERGRND
in space: SC1NNE Perim Spc (B.NNE2)							
SC1Flr (B.C3.U5)	0.000	0.00	0.010	946.40	0.010	946.40	UNDERGRND
in space: SC1Core Spc (B.C3)							
SC1Flr (B.C4.U6)	0.000	0.00	0.010	7390.86	0.010	7390.86	UNDERGRND
in space: SC1Core Spc (B.C4)							
SC1Flr (B.SW5.U7)	0.000	0.00	0.010	984.00	0.010	984.00	UNDERGRND
in space: SC1SW Perim Spc (B.SW5)							
SC1SSW Wall (B.SW5.U8)	0.000	0.00	0.111	780.50	0.111	780.50	UNDERGRND
in space: SC1SW Perim Spc (B.SW5)							
SC1WNW Wall (B.SW5.U9)	0.000	0.00	0.111	236.25	0.111	236.25	UNDERGRND
in space: SC1SW Perim Spc (B.SW5)							
SC1Flr (B.WNW6.U10)	0.000	0.00	0.010	333.75	0.010	333.75	UNDERGRND
in space: SC1WNW Perim Spc (B.WNW6)							
SC1WNW Wall (B.WNW6.U11)	0.000	0.00	0.111	389.38	0.111	389.38	UNDERGRND
in space: SC1WNW Perim Spc (B.WNW6)							
SC1Flr (B.SSW7.U12)	0.000	0.00	0.010	2033.25	0.010	2033.25	UNDERGRND
in space: SC1SSW Perim Spc (B.SSW7)							
SC1SSW Wall (B.SSW7.U13)	0.000	0.00	0.111	2503.38	0.111	2503.38	UNDERGRND
in space: SC1SSW Perim Spc (B.SSW7)							
SC1WNW Wall (B.SSW7.U14)	0.000	0.00	0.111	262.50	0.111	262.50	UNDERGRND
in space: SC1SSW Perim Spc (B.SSW7)							
SC1Flr (B.ESE8.U15)	0.000	0.00	0.010	2705.25	0.010	2705.25	UNDERGRND
in space: SC1ESE Perim Spc (B.ESE8)							
SC1ESE Wall (B.ESE8.U16)	0.000	0.00	0.111	3418.63	0.111	3418.63	UNDERGRND
in space: SC1ESE Perim Spc (B.ESE8)							
SC1Flr (B.C9.U17)	0.000	0.00	0.010	8653.21	0.010	8653.21	UNDERGRND
in space: SC1Core Spc (B.C9)							
SC1Flr (B.C10.U18)	0.000	0.00	0.010	1076.22	0.010	1076.22	UNDERGRND
in space: SC1Core Spc (B.C10)							
SC1Flr (B.C11.U19)	0.000	0.00	0.010	5737.29	0.010	5737.29	UNDERGRND
in space: SC1Core Spc (B.C11)							
CFlr (B.WNW1.U1)	0.000	0.00	0.010	1944.00	0.010	1944.00	UNDERGRND
in space: CWNW Perim Spc (B.WNW1)							
CWNW Wall (B.WNW1.U2)	0.000	0.00	0.111	2530.50	0.111	2530.50	UNDERGRND
in space: CWNW Perim Spc (B.WNW1)							
CFlr (B.NNE2.U3)	0.000	0.00	0.010	2589.42	0.010	2589.42	UNDERGRND
in space: CNNE Perim Spc (B.NNE2)							
CNNE Wall (B.NNE2.U4)	0.000	0.00	0.111	3283.91	0.111	3283.91	UNDERGRND
in space: CNNE Perim Spc (B.NNE2)							
CFlr (B.C3.U5)	0.000	0.00	0.010	946.40	0.010	946.40	UNDERGRND
in space: CCore Spc (B.C3)							
CFlr (B.C4.U6)	0.000	0.00	0.010	7390.86	0.010	7390.86	UNDERGRND

in space: CCore Spc (B.C4)							
CFlr (B.SW5.U7)	0.000	0.00	0.010	984.00	0.010	984.00	UNDERGRND
in space: CSW Perim Spc (B.SW5)							

SURFACE	- - - W I N D O W S - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	- - - - W A L L - - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	-W A L L + W I N D O W S- U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	AZIMUTH
CSSW Wall (B.SW5.U8)	0.000	0.00	0.111	780.50	0.111	780.50	UNDERGRND
in space: CSW Perim Spc (B.SW5)							
CWNW Wall (B.SW5.U9)	0.000	0.00	0.111	236.25	0.111	236.25	UNDERGRND
in space: CSW Perim Spc (B.SW5)							
CFlr (B.WNW6.U10)	0.000	0.00	0.010	333.75	0.010	333.75	UNDERGRND
in space: CWNW Perim Spc (B.WNW6)							
CWNW Wall (B.WNW6.U11)	0.000	0.00	0.111	389.38	0.111	389.38	UNDERGRND
in space: CWNW Perim Spc (B.WNW6)							
CFlr (B.SSW7.U12)	0.000	0.00	0.010	2033.25	0.010	2033.25	UNDERGRND
in space: CSSW Perim Spc (B.SSW7)							
CSSW Wall (B.SSW7.U13)	0.000	0.00	0.111	2503.38	0.111	2503.38	UNDERGRND
in space: CSSW Perim Spc (B.SSW7)							
CWNW Wall (B.SSW7.U14)	0.000	0.00	0.111	262.50	0.111	262.50	UNDERGRND
in space: CSSW Perim Spc (B.SSW7)							
CFlr (B.ESE8.U15)	0.000	0.00	0.010	2705.25	0.010	2705.25	UNDERGRND
in space: CESE Perim Spc (B.ESE8)							
CESE Wall (B.ESE8.U16)	0.000	0.00	0.111	3418.63	0.111	3418.63	UNDERGRND
in space: CESE Perim Spc (B.ESE8)							
CFlr (B.C9.U17)	0.000	0.00	0.010	8653.21	0.010	8653.21	UNDERGRND
in space: CCore Spc (B.C9)							
CFlr (B.C10.U18)	0.000	0.00	0.010	1076.22	0.010	1076.22	UNDERGRND
in space: CCore Spc (B.C10)							
CFlr (B.C11.U19)	0.000	0.00	0.010	5737.29	0.010	5737.29	UNDERGRND
in space: CCore Spc (B.C11)							
GFlr (G.NW1.U1)	0.000	0.00	0.096	946.40	0.096	946.40	UNDERGRND
in space: GNW Perim Spc (G.NW1)							
GFlr (G.NW2.U2)	0.000	0.00	0.020	2684.87	0.020	2684.87	UNDERGRND
in space: GNW Perim Spc (G.NW2)							
GFlr (G.NNE3.U3)	0.000	0.00	0.077	1231.48	0.077	1231.48	UNDERGRND
in space: GNNE Perim Spc (G.NNE3)							
GFlr (G.SSW4.U4)	0.000	0.00	0.074	367.50	0.074	367.50	UNDERGRND
in space: GSSW Perim Spc (G.SSW4)							
GFlr (G.W5.U5)	0.000	0.00	0.054	837.75	0.054	837.75	UNDERGRND
in space: GWest Perim Spc (G.W5)							
GFlr (G.E6.U6)	0.000	0.00	0.073	917.16	0.073	917.16	UNDERGRND
in space: GEast Perim Spc (G.E6)							
GFlr (G.NNE7.U7)	0.000	0.00	0.017	3191.08	0.017	3191.08	UNDERGRND
in space: GNNE Perim Spc (G.NNE7)							
GFlr (G.W8.U8)	0.000	0.00	0.111	488.10	0.111	488.10	UNDERGRND
in space: GWest Perim Spc (G.W8)							
GFlr (G.SSW9.U9)	0.000	0.00	0.079	998.63	0.079	998.63	UNDERGRND
in space: GSSW Perim Spc (G.SSW9)							
GFlr (G.ESE10.U10)	0.000	0.00	0.055	449.12	0.055	449.12	UNDERGRND
in space: GESE Perim Spc (G.ESE10)							
GFlr (G.ESE11.U11)	0.000	0.00	0.065	2304.75	0.065	2304.75	UNDERGRND
in space: GESE Perim Spc (G.ESE11)							
GFlr (G.SSW12.U12)	0.000	0.00	0.083	1871.25	0.083	1871.25	UNDERGRND
in space: GSSW Perim Spc (G.SSW12)							
GFlr (G.C13.U13)	0.000	0.00	0.010	3143.80	0.010	3143.80	UNDERGRND
in space: GCore Spc (G.C13)							
GFlr (G.C14.U14)	0.000	0.00	0.010	581.17	0.010	581.17	UNDERGRND

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  in space: GCore Spc (G.C14)
GFlr (G.NNE15.U15)                    0.000          0.00        0.040       2182.50      0.040          2182.50  UNDERGRND
  in space: GNNE Perim Spc (G.NNE15)
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SURFACE	- - - W I N D O W S - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	- - - - W A L L - - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	-W A L L + W I N D O W S- U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	AZIMUTH
GFlr (G.C16.U16)	0.000	0.00	0.010	4376.04	0.010	4376.04	UNDERGRND
in space: GCore Spc (G.C16)							
GFlr (G.C17.U17)	0.000	0.00	0.010	7621.67	0.010	7621.67	UNDERGRND
in space: GCore Spc (G.C17)							

	AVERAGE U-VALUE/WINDOWS (BTU/HR-SQFT-F)	AVERAGE U-VALUE/WALLS (BTU/HR-SQFT-F)	AVERAGE U-VALUE WALLS+WINDOWS (BTU/HR-SQFT-F)	WINDOW AREA (SQFT)	WALL AREA (SQFT)	WINDOW+WALL AREA (SQFT)
NORTH	0.414	0.274	0.349	106004.23	90651.89	196656.17
EAST	0.375	0.277	0.311	56021.57	103923.37	159944.95
SOUTH-EAST	0.000	0.268	0.268	0.00	390.40	390.40
SOUTH	0.429	0.272	0.333	75355.34	118330.16	193685.50
SOUTH-WEST	0.964	0.305	0.593	2844.99	3660.05	6505.04
WEST	0.392	0.221	0.277	59137.36	122064.26	181201.63
ROOF	0.000	0.049	0.049	0.00	45692.09	45692.09
ALL WALLS	0.411	0.260	0.321	299363.31	439020.31	738384.13
WALLS+ROOFS	0.411	0.240	0.305	299363.31	484712.38	784076.25
UNDERGRND	0.000	0.040	0.040	0.00	198357.05	198357.05
BUILDING	0.411	0.182	0.252	299363.31	683069.44	982433.25

REPORT- LV-I Details of Constructions WEATHER FILE- New York CityNY TMY2

NUMBER OF CONSTRUCTIONS 26 DELAYED 20 QUICK 6

CONSTRUCTION NAME	U-VALUE (BTU/HR-SQFT-F)	SURFACE ABSORPTANCE	SURFACE ROUGHNESS INDEX	SURFACE TYPE	NUMBER OF RESPONSE FACTORS
EWall Construction	0.300	0.60	1	QUICK	0
Ceilg Construction	0.847	0.70	3	DELAYED	5
IWall Construction	2.700	0.70	3	QUICK	0
IFlr Construction	0.813	0.70	3	DELAYED	5
1MGFlr Construction	0.085	0.70	3	DELAYED	7
SC3UFCons (B.N1.U2)	0.010	0.70	3	DELAYED	43
SC3UWCons (B.N1.U2)	0.194	0.70	3	DELAYED	35
SC2UWCons (B.WNW1.U2)	0.139	0.70	3	DELAYED	38
SC1UWCons (B.WNW1.U2)	0.111	0.70	3	DELAYED	39
GUFCons (G.NW1.U2)	0.096	0.70	3	DELAYED	39
GUFCons (G.NW2.U3)	0.020	0.70	3	DELAYED	42
GUFCons (G.NNE3.U4)	0.077	0.70	3	DELAYED	40
GUFCons (G.SSW4.U5)	0.074	0.70	3	DELAYED	40
GUFCons (G.W5.U6)	0.054	0.70	3	DELAYED	41
GUFCons (G.E6.U7)	0.073	0.70	3	DELAYED	40
GUFCons (G.NNE7.U8)	0.017	0.70	3	DELAYED	43
GUFCons (G.W8.U9)	0.111	0.70	3	DELAYED	39
GUFCons (G.SSW9.U10)	0.079	0.70	3	DELAYED	40
GUFCons (G.ESE10.U11)	0.055	0.70	3	DELAYED	41
GUFCons (G.ESE11.U12)	0.065	0.70	3	DELAYED	41
GUFCons (G.SSW12.U13)	0.083	0.70	3	DELAYED	40
GUFCons (G.NNE15.U16)	0.040	0.70	3	DELAYED	42
Roof Construction	0.050	0.70	3	QUICK	0
Unins Wall Cons - 1.5	0.350	0.70	3	QUICK	0
Unins Wall Cons - 2	0.350	0.70	3	QUICK	0
Unins Wall Cons - 5.5	0.350	0.70	3	QUICK	0

REPORT- PS-B Utility and Fuel Use Summary WEATHER FILE- New York CityNY TMY2

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
EM1 ELECTRICITY													
KWH	371326.	334628.	360406.	340137.	350743.	397237.	477834.	447330.	374696.	334764.	340798.	363465.	4493364.
MAX KW	685.8	690.2	740.0	796.6	961.4	1011.5	1060.5	1017.9	1045.3	807.2	689.2	682.9	1060.5
DAY/HR	24/ 9	25/ 9	25/18	30/18	10/14	25/13	17/ 9	27/14	5/13	9/14	15/ 9	10/ 9	7/17
EM2- ELECTRICITY													
KWH	271122.	243274.	271096.	265717.	328722.	402259.	467957.	444176.	381009.	294708.	262379.	269475.	3901893.
MAX KW	815.0	710.7	869.9	966.0	1269.7	1514.8	1614.2	1477.4	1421.7	1034.1	778.1	769.8	1614.2
DAY/HR	23/18	4/13	28/16	30/17	10/14	16/15	17/14	25/14	5/14	9/16	3/16	9/16	7/17
EM3- ELECTRICITY													
KWH	145454.	130092.	148497.	153385.	302504.	465391.	550435.	503275.	391125.	178855.	135223.	142213.	3246450.
MAX KW	402.6	401.2	602.4	887.3	1087.1	1144.6	1292.5	1089.1	1064.8	791.7	392.6	396.8	1292.5
DAY/HR	23/22	4/22	28/19	30/20	11/20	12/20	1/20	1/20	4/20	9/20	5/22	3/22	7/ 1
DM1 ELECTRICITY													
KWH	58518.	52857.	58518.	56748.	58588.	56608.	58588.	58588.	56608.	58588.	56537.	58518.	689267.
MAX KW	164.1	164.1	164.1	164.1	164.1	164.1	164.1	164.1	164.1	164.1	164.1	164.1	164.1
DAY/HR	1/20	1/20	1/20	1/20	1/20	1/20	1/20	1/20	1/20	1/20	1/20	1/20	1/ 1
EM4 ELECTRICITY													
KWH	5588.	4491.	4185.	3353.	2234.	1607.	1587.	1614.	1762.	2948.	3838.	4850.	38057.
MAX KW	13.9	12.1	13.3	13.4	12.2	4.0	3.2	3.2	8.5	13.5	8.7	11.7	13.9
DAY/HR	23/ 9	4/ 9	31/22	16/20	6/ 5	1/ 9	4/ 8	15/ 8	20/ 5	29/20	22/ 9	4/ 9	1/23
EM5 ELECTRICITY													
KWH	302576.	273294.	302576.	292815.	302576.	292815.	302576.	302576.	292815.	302576.	292815.	302576.	3562583.
MAX KW	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7
DAY/HR	1/ 1	1/ 1	1/ 1	1/ 2	1/ 2	1/ 2	1/ 2	1/ 2	1/ 2	1/ 2	1/ 2	1/ 1	1/ 1
FM1 NATURAL-GAS													
THERM	72178.	50066.	34892.	14619.	5287.	4371.	4496.	4505.	4452.	8641.	26711.	50971.	281189.
MAX THERM/HR	240.0	216.4	158.6	93.7	36.8	10.7	8.2	10.6	12.8	60.1	132.5	192.1	240.0
DAY/HR	23/ 9	4/ 9	1/17	2/ 9	7/ 7	13/ 8	1/20	15/ 8	20/ 8	31/ 9	22/ 9	4/ 9	1/23

REPORT- PS-C Equipment Loads and Energy Use WEATHER FILE- New York CityNY TMY2

MON		SUM PEAK	COOL LOAD (MBTU) (KBTU/HR)	HEAT LOAD (MBTU) (KBTU/HR)	ELEC USE (KWH) (KW)	FUEL USE (MBTU) (KBTU/HR)		00 10	10 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 +	TOTAL RUN HOURS
B-67M-6																			
	SUM			-10704.9	0.0	12477.0	LOAD	4624	581	537	509	577	636	630	366	170	78	0	8708
	PEAK			-5151.8	0.0	5852.1	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY			1/ 9	0/ 0	1/ 9	FUEL	4584	612	546	513	583	639	629	360	166	76	0	8708
B-67M-5																			
	SUM			-169.2	0.0	192.7	LOAD	0	0	0	0	0	37	3	0	2	10	0	52
	PEAK			-5062.3	0.0	5748.3	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY			1/23	0/ 0	1/23	FUEL	0	0	0	0	0	37	3	0	2	10	0	52
B-67M-4																			
	SUM			-138.0	0.0	157.4	LOAD	0	0	0	0	0	47	3	0	0	0	0	50
	PEAK			-3144.1	0.0	3559.4	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY			1/23	0/ 0	1/23	FUEL	0	0	0	0	0	47	3	0	0	0	0	50
B-67M-3																			
	SUM			0.0	0.0	0.0	LOAD	0	0	0	0	0	0	0	0	0	0	0	0
	PEAK			0.0	0.0	0.0	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY			0/ 0	0/ 0	0/ 0	FUEL	0	0	0	0	0	0	0	0	0	0	0	0
B-67M-2																			
	SUM			0.0	0.0	0.0	LOAD	0	0	0	0	0	0	0	0	0	0	0	0
	PEAK			0.0	0.0	0.0	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY			0/ 0	0/ 0	0/ 0	FUEL	0	0	0	0	0	0	0	0	0	0	0	0
B-67M-1																			
	SUM			0.0	0.0	0.0	LOAD	0	0	0	0	0	0	0	0	0	0	0	0
	PEAK			0.0	0.0	0.0	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY			0/ 0	0/ 0	0/ 0	FUEL	0	0	0	0	0	0	0	0	0	0	0	0
B-7-1																			
	SUM			-8075.8	0.0	9390.9	LOAD	4913	978	723	863	701	331	141	89	18	3	0	8760
	PEAK			-4811.2	0.0	5452.7	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY			1/23	0/ 0	1/23	FUEL	4841	1041	732	871	697	330	140	89	16	3	0	8760
B-7-2																			
	SUM			0.0	0.0	0.0	LOAD	0	0	0	0	0	0	0	0	0	0	0	0
	PEAK			0.0	0.0	0.0	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY			0/ 0	0/ 0	0/ 0	FUEL	0	0	0	0	0	0	0	0	0	0	0	0
B-7-3																			
	SUM			0.0	0.0	0.0	LOAD	0	0	0	0	0	0	0	0	0	0	0	0
	PEAK			0.0	0.0	0.0	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY			0/ 0	0/ 0	0/ 0	FUEL	0	0	0	0	0	0	0	0	0	0	0	0
B-7-4																			
	SUM			0.0	0.0	0.0	LOAD	0	0	0	0	0	0	0	0	0	0	0	0
	PEAK			0.0	0.0	0.0	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY			0/ 0	0/ 0	0/ 0	FUEL	0	0	0	0	0	0	0	0	0	0	0	0

REPORT- PS-C Equipment Loads and Energy Use WEATHER FILE- New York CityNY TMY2 (CONTINUED)

B-7-5																
SUM	0.0	0.0	0.0	LOAD	0	0	0	0	0	0	0	0	0	0	0	0
PEAK	0.0	0.0	0.0	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	0/ 0	0/ 0	0/ 0	FUEL	0	0	0	0	0	0	0	0	0	0	0	0
B-7-6																
SUM	0.0	0.0	0.0	LOAD	0	0	0	0	0	0	0	0	0	0	0	0
PEAK	0.0	0.0	0.0	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	0/ 0	0/ 0	0/ 0	FUEL	0	0	0	0	0	0	0	0	0	0	0	0
B-6-1																
SUM	-4014.2	0.0	4684.4	LOAD	1571	361	251	233	243	234	131	109	68	49	26	3276
PEAK	-5504.9	0.0	5983.0	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	1/23	0/ 0	1/23	FUEL	1527	404	251	230	251	227	133	109	68	49	27	3276
B-6-2																
SUM	-1070.1	0.0	1216.5	LOAD	79	11	16	16	12	60	58	58	28	24	24	386
PEAK	-5504.9	0.0	5983.0	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	1/23	0/ 0	1/23	FUEL	77	13	16	14	8	57	60	63	29	22	27	386
Fake - HP Loop Boiler																
SUM	-0.1	0.0	0.1	LOAD	0	0	0	0	0	0	0	0	0	735	0	735
PEAK	-0.1	0.0	0.1	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	1/23	0/ 0	1/23	FUEL	0	0	0	0	0	0	0	0	0	663	72	735
Retail Chiller 1																
SUM	3003.1	0.0	257030.9	LOAD	2834	225	120	82	71	67	149	193	162	147	3	4053
PEAK	3972.2	0.0	305.8	ELEC	2630	431	161	99	86	117	208	185	123	13	0	4053
MON/DAY	5/13	0/ 0	7/28													
Retail Chiller 2																
SUM	3861.8	0.0	290730.1	LOAD	0	1	1	1	4	265	307	335	254	201	0	1369
PEAK	3905.4	0.0	311.4	ELEC	0	1	1	2	223	292	333	264	218	35	0	1369
MON/DAY	9/ 8	0/ 0	6/10													
Retail Chiller 3																
SUM	3310.3	0.0	249859.9	LOAD	0	0	0	0	2	254	289	300	217	133	0	1195
PEAK	3829.2	0.0	311.4	ELEC	0	0	0	0	213	272	298	227	160	25	0	1195
MON/DAY	9/14	0/ 0	6/10													
CH-94-1																
SUM	249.5	0.0	70546.0	LOAD	6693	1659	392	16	0	0	0	0	0	0	0	8760
PEAK	179.9	0.0	17.2	ELEC	735	4514	492	375	1240	1404	0	0	0	0	0	8760
MON/DAY	7/ 2	0/ 0	7/17													
CH-94-2																
SUM	0.0	0.0	0.0	LOAD	0	0	0	0	0	0	0	0	0	0	0	0
PEAK	0.0	0.0	0.0	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	0/ 0	0/ 0	0/ 0													
C-TR-1																
SUM	14866.0		10797.2	LOAD	0	0	0	0	0	0	5	1	0	7998	0	8004
PEAK	8280.7		13.9	ELEC	1950	1302	226	47	14	0	0	0	0	0	0	3539
MON/DAY	7/16		7/18													
C-TR-2																
SUM	14866.0		10797.2	LOAD	0	0	0	0	0	0	5	1	0	7998	0	8004

PEAK	8280.7	13.9	ELEC1950	1302	226	47	14	0	0	0	0	0	0	3539
MON/DAY	7/16	7/18												

Extell 221 West 57th St DOE-2.2-47h2 9/17/2015 16:41:03 BDL RUN 4

REPORT- PS-C Equipment Loads and Energy Use WEATHER FILE- New York CityNY TMY2
(CONTINUED)

C-TR-3														
SUM	32.8	38.8	LOAD	0	0	0	0	0	0	5	1	0	0	0	6
PEAK	5662.7	6.7	ELEC	0	0	6	0	0	0	0	0	0	0	0	6
MON/DAY	7/ 1	7/ 1													
Nordstrom Elec DHW Heater															
SUM	-267.0	80759.1	LOAD	2444	1037	708	865	808	1076	705	612	265	240	0	8760
PEAK	-85.6	25.1	ELEC	2179	1214	689	864	837	1065	753	616	269	195	79	8760
MON/DAY	3/ 1	2/ 1													
Capstone C65 (lower)															
SUM	0.0	0.0	0.0	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
PEAK	0.0	0.0	0.0	FUEL	0	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	0/ 0	0/ 0	0/ 0	RCVR	0	0	0	0	0	0	0	0	0	0	0	0
Capstone C65 (upper)															
SUM	0.0	0.0	0.0	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
PEAK	0.0	0.0	0.0	FUEL	0	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	0/ 0	0/ 0	0/ 0	RCVR	0	0	0	0	0	0	0	0	0	0	0	0
Res PCW Pump																
SUM		2103759.3		FLOW	0	0	0	0	0	0	0	0	0	0	8760	8760
PEAK		240.2		RPM	0	0	0	0	0	0	0	0	0	0	8760	8760
MON/DAY		1/ 1		ELEC	0	0	0	0	0	0	0	0	0	0	8760	8760
SCW 90 Pump																
SUM		334026.0		FLOW	0	0	0	0	0	0	0	0	0	0	8760	8760
PEAK		38.1		RPM	0	0	0	0	0	0	0	0	0	0	8760	8760
MON/DAY		1/ 1		ELEC	0	0	0	0	0	0	0	0	0	0	8760	8760
SCW 67 Pump																
SUM		336061.2		FLOW	0	0	0	0	0	0	0	0	0	0	8760	8760
PEAK		38.4		RPM	0	0	0	0	0	0	0	0	0	0	8760	8760
MON/DAY		1/ 1		ELEC	0	0	0	0	0	0	0	0	0	0	8760	8760
SCW 46 Pump																
SUM		788749.0		FLOW	0	0	0	0	0	0	0	0	0	0	8760	8760
PEAK		90.0		RPM	0	0	0	0	0	0	0	0	0	0	8760	8760
MON/DAY		1/ 1		ELEC	0	0	0	0	0	0	0	0	0	0	8760	8760
Upper Res PHW Pump																
SUM		10457.1		FLOW	8069	676	10	5	0	0	0	0	0	0	0	8760
PEAK		9.3		RPM	0	0	0	0	8599	146	7	4	4	0	0	8760
MON/DAY		10/29		ELEC	8750	10	0	0	0	0	0	0	0	0	0	8760
SHW FTR 90 Pump																
SUM		5437.7		FLOW	3330	2461	137	0	0	0	0	0	0	0	0	5928
PEAK		1.3		RPM	0	0	0	0	0	5928	0	0	0	0	0	5928
MON/DAY		1/23		ELEC	0	5928	0	0	0	0	0	0	0	0	0	5928
SHW DHW 90 Pump																
SUM		84.8		FLOW	0	0	909	916	616	1356	1323	857	1310	971	502	8760
PEAK		0.0		RPM	0	0	0	0	1825	4152	2783	0	0	0	0	8760
MON/DAY		1/ 2		ELEC	0	3494	2483	2281	502	0	0	0	0	0	0	8760
SHW FTR 67 Pump																
SUM		2361.9		FLOW	1773	1666	1257	154	5	0	0	0	0	0	0	4855

PEAK	0.8	RPM	0	0	0	0	0	2930	1925	0	0	0	0	4855
MON/DAY	1/23	ELEC	0	4734	121	0	0	0	0	0	0	0	0	4855

REPORT- PS-C Equipment Loads and Energy Use WEATHER FILE- New York CityNY TMY2
(CONTINUED)

SHW DHW 67 Pump													
SUM	84.8	FLOW	0	0	909	916	616	1356	1323	857	1310	971	502	8760
PEAK	0.0	RPM	0	0	0	0	1825	4152	2783	0	0	0	0	8760
MON/DAY	1/ 2	ELEC	0	3494	2483	2281	502	0	0	0	0	0	0	8760
SHW FTR 46 Pump														
SUM	1729.2	FLOW	1520	1185	1442	505	81	6	0	0	0	0	0	4739
PEAK	0.6	RPM	0	0	0	0	0	2223	2516	0	0	0	0	4739
MON/DAY	1/23	ELEC	0	4247	492	0	0	0	0	0	0	0	0	4739
SHW DHW 46 Pump														
SUM	84.8	FLOW	0	0	909	916	616	1356	1323	857	1310	971	502	8760
PEAK	0.0	RPM	0	0	0	0	1825	4152	2783	0	0	0	0	8760
MON/DAY	1/ 2	ELEC	0	3494	2483	2281	502	0	0	0	0	0	0	8760
Lower Res PHW Pump														
SUM	10470.1	FLOW	8758	2	0	0	0	0	0	0	0	0	0	8760
PEAK	2.4	RPM	0	0	0	0	8760	0	0	0	0	0	0	8760
MON/DAY	5/ 6	ELEC	8760	0	0	0	0	0	0	0	0	0	0	8760
SHW FTR 11 Pump														
SUM	2351.1	FLOW	1684	1524	1307	303	61	0	0	0	0	0	0	4879
PEAK	0.8	RPM	0	0	0	0	0	2934	1945	0	0	0	0	4879
MON/DAY	1/23	ELEC	0	4586	293	0	0	0	0	0	0	0	0	4879
SHW DHW 11 Pump														
SUM	212.5	FLOW	0	0	909	916	616	1356	1323	857	1310	971	502	8760
PEAK	0.0	RPM	0	0	0	0	1825	4152	2783	0	0	0	0	8760
MON/DAY	1/ 2	ELEC	0	3494	2483	2281	502	0	0	0	0	0	0	8760
SHW DHW 7 Pump														
SUM	212.5	FLOW	0	0	909	916	616	1356	1323	857	1310	971	502	8760
PEAK	0.0	RPM	0	0	0	0	1825	4152	2783	0	0	0	0	8760
MON/DAY	1/ 2	ELEC	0	3494	2483	2281	502	0	0	0	0	0	0	8760
Retail PHW Pump														
SUM	4570.9	FLOW	0	2465	380	240	90	56	60	75	72	57	29	3524
PEAK	5.7	RPM	0	0	0	0	0	3020	323	169	12	0	0	3524
MON/DAY	1/24	ELEC	0	3011	211	142	107	39	11	3	0	0	0	3524
Penthouse CHW Pump														
SUM	17683.6	FLOW	0	0	0	0	0	0	0	0	0	8760	0	8760
PEAK	2.0	RPM	0	0	0	0	0	0	0	0	0	0	8760	8760
MON/DAY	1/ 1	ELEC	0	0	0	0	0	0	0	0	0	8760	0	8760
Retail CHW Pump														
SUM	198280.6	FLOW	3328	603	873	306	17	0	0	0	0	0	0	5127
PEAK	57.9	RPM	0	0	0	0	0	0	0	0	0	0	5127	5127
MON/DAY	7/17	ELEC	0	0	0	0	3605	1168	354	0	0	0	0	5127
Penthouse CHW Pump 2														
SUM	0.0	FLOW	0	0	0	0	0	0	0	0	0	0	0	0
PEAK	0.0	RPM	0	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	0/ 0	ELEC	0	0	0	0	0	0	0	0	0	0	0	0

REPORT- PS-D Circulation Loop Loads WEATHER FILE- New York CityNY TMY2

MON		COIL LOAD (MBTU) (KBTU/HR)	PIPE GAIN (MBTU) (KBTU/HR)	NET LOAD (MBTU) (KBTU/HR)	OVERLOAD (MBTU) (KBTU/HR)		Number of hours within each PART LOAD range 00 10	10 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 +	TOTAL RUN HOURS
Upper Res PHW Loop																		
	SUM	-11032.5	0.0	-11012.2	0.0	HEAT5448	1348	1465	444	55	0	0	0	0	0	0	8760
	PEAK	-6296.5	0.0	-6288.2	0.0	FLOW5846	2317	554	29	6	4	4	0	0	0	0	8760
	MON/DAY	1/23	0/ 0	1/23	0/ 0													
Lower Res PHW Loop																		
	SUM	-8093.5	0.0	-8075.8	0.0	HEAT5232	1038	986	925	374	161	39	5	0	0	0	8760
	PEAK	-4817.6	0.0	-4811.2	0.0	FLOW5676	1632	1109	237	88	18	0	0	0	0	0	8760
	MON/DAY	1/23	0/ 0	1/23	0/ 0													
Retail Elec DHW Loop																		
	SUM	-267.0	0.0	-267.0	0.0	HEAT2444	1037	708	865	808	1076	705	612	265	240	0	8760
	PEAK	-85.6	0.0	-85.6	0.0	FLOW2161	893	730	720	290	1239	554	1013	303	606	251	8760
	MON/DAY	3/ 1	0/ 0	3/ 1	0/ 0													
Retail PHW Loop																		
	SUM	-5095.8	0.0	-5084.3	-36.5	HEAT2586	527	125	110	63	1	0	0	0	0	0	3412
	PEAK	-13534.4	0.0	-11010.4	-2750.0	FLOW3023	286	204	11	0	0	0	0	0	0	0	3524
	MON/DAY	1/23	0/ 0	1/23	1/23													
Hours overloaded during heating: 28																		
Retail CHW Loop																		
	SUM	9566.1	0.0	10175.1	0.0	COOL3303	393	626	535	225	45	0	0	0	0	0	5127
	PEAK	9850.2	0.0	10026.4	0.0	FLOW3295	485	849	430	68	0	0	0	0	0	0	5127
	MON/DAY	7/17	0/ 0	7/17	0/ 0													
Penthouse CHW Loop																		
	SUM	249.5	0.0	315.8	0.0	COOL3410	1725	774	44	0	0	0	0	0	0	0	5953
	PEAK	179.9	0.0	191.1	0.0	FLOW8656	104	0	0	0	0	0	0	0	0	0	8760
	MON/DAY	7/ 2	0/ 0	7/ 2	0/ 0													
__SHW FTR 90 Loop																		
	SUM	-4389.2	0.0	-4377.1	0.0	HEAT2124	1226	1503	668	118	7	0	0	0	0	0	5646
	PEAK	-2561.1	0.0	-2558.2	0.0	FLOW2717	2216	949	46	0	0	0	0	0	0	0	5928
	MON/DAY	1/23	0/ 0	1/23	0/ 0													
__SHW DHW 90 Loop																		
	SUM	-448.2	0.0	-448.0	0.0	HEAT	0	0	909	916	616	1356	1323	857	1310	971	502	8760
	PEAK	-81.5	0.0	-81.4	0.0	FLOW	0	0	909	916	616	1356	1323	857	1310	971	502	8760
	MON/DAY	1/ 2	0/ 0	1/ 2	0/ 0													
__SHW FTR 67 Loop																		
	SUM	-2763.8	0.0	-2758.1	0.0	HEAT1685	1455	1259	251	20	0	0	0	0	0	0	4670
	PEAK	-1838.2	0.0	-1836.2	0.0	FLOW2274	2225	351	5	0	0	0	0	0	0	0	4855
	MON/DAY	1/23	0/ 0	1/23	0/ 0													
__SHW DHW 67 Loop																		
	SUM	-448.2	0.0	-448.0	0.0	HEAT	0	0	909	916	616	1356	1323	857	1310	971	502	8760
	PEAK	-81.5	0.0	-81.4	0.0	FLOW	0	0	909	916	616	1356	1323	857	1310	971	502	8760
	MON/DAY	1/ 2	0/ 0	1/ 2	0/ 0													
__SHW FTR 46 Loop																		
	SUM	-2310.3	0.0	-2306.1	0.0	HEAT1763	1495	1149	189	12	0	0	0	0	0	0	4608
	PEAK	-1585.1	0.0	-1583.4	0.0	FLOW2317	2143	274	5	0	0	0	0	0	0	0	4739
	MON/DAY	1/23	0/ 0	1/23	0/ 0													

Extell 221 West 57th St DOE-2.2-47h2 9/17/2015 16:41:03 BDL RUN 4

REPORT- PS-D Circulation Loop Loads WEATHER FILE- New York CityNY TMY2
(CONTINUED)

__SHW DHW 46 Loop																
SUM	-448.2	0.0	-448.0	0.0	HEAT	0	0	909	916	616	1356	1323	857	1310	971	502	8760
PEAK	-81.5	0.0	-81.4	0.0	FLOW	0	0	909	916	616	1356	1323	857	1310	971	502	8760
MON/DAY	1/ 2	0/ 0	1/ 2	0/ 0													
__SHW FTR 11 Loop																	
SUM	-2914.1	0.0	-2908.4	0.0	HEAT	1355	988	1160	936	271	50	0	0	0	0	0	4760
PEAK	-1776.8	0.0	-1774.6	0.0	FLOW	1746	1612	1212	270	39	0	0	0	0	0	0	4879
MON/DAY	1/23	0/ 0	1/23	0/ 0													
__SHW DHW 11 Loop																	
SUM	-1122.6	0.0	-1122.1	0.0	HEAT	0	0	909	916	616	1356	1323	857	1310	971	502	8760
PEAK	-204.1	0.0	-203.9	0.0	FLOW	0	0	909	916	616	1356	1323	857	1310	971	502	8760
MON/DAY	1/ 2	0/ 0	1/ 2	0/ 0													
__SHW DHW 7 Loop																	
SUM	-1122.6	0.0	-1122.1	0.0	HEAT	0	0	909	916	616	1356	1323	857	1310	971	502	8760
PEAK	-204.1	0.0	-203.9	0.0	FLOW	0	0	909	916	616	1356	1323	857	1310	971	502	8760
MON/DAY	1/ 2	0/ 0	1/ 2	0/ 0													

	HEAT LOAD	COOL LOAD	PIPE GAIN	NET LOAD	OVER LOAD		Number of hours within each PART LOAD range										TOTAL
SUM	(MBTU)	(MBTU)	(MBTU)	(MBTU)	(MBTU)		00	10	20	30	40	50	60	70	80	90	100	RUN
MON PEAK	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)		10	20	30	40	50	60	70	80	90	100	+	HOURS
Res PCW Loop																		
SUM	-2042.8	0.0	0.0	-0.1	-9.4	HEAT	735	0	0	0	0	0	0	0	0	0	0	735
PEAK	-3432.0	0.0	0.0	-0.1	-427.5	FLOW	0	0	0	0	0	0	0	0	735	0	0	735
MON/DAY	1/23	0/ 0	0/ 0	1/23	1/23													
SUM	0.0	25843.2	0.0	29764.8	0.0	COOL	5502	1391	1034	77	0	0	0	0	0	0	0	8004
PEAK	0.0	16297.4	0.0	16988.0	0.0	FLOW	0	0	0	0	0	0	0	0	8004	0	0	8004
MON/DAY	0/ 0	7/ 1	0/ 0	7/ 1	0/ 0													
SUM	0.0	0.0	0.0			FLOAT	0											
PEAK	0.0	0.0	0.0			FLOW	0	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	0/ 0	0/ 0	0/ 0															
GRAND TOTAL																		
SUM	-2042.8	25843.2				FLOW	0	0	0	0	0	0	0	0	8739	0	0	8739
PEAK	-3432.0	16297.4																
MON/DAY	1/23	0/ 0																

Hours overloaded during heating: 72

__SCW 90 Loop																
SUM	-321.9	0.0	0.0	-494.6	0.0	HEAT	1800	100	0	0	0	0	0	0	0	0	1900
PEAK	-430.8	0.0	0.0	-756.6	0.0	FLOW	0	0	0	0	0	0	0	0	0	1900	1900
MON/DAY	1/23	0/ 0	0/ 0	1/23	0/ 0												
SUM	0.0	4419.9	0.0	5383.3	0.0	COOL	4339	1202	1140	178	1	0	0	0	0	0	6860
PEAK	0.0	3190.4	0.0	3300.5	0.0	FLOW	0	0	0	0	0	0	0	0	0	6860	6860
MON/DAY	0/ 0	7/ 1	0/ 0	7/ 1	0/ 0												
SUM	0.0	0.0	0.0			FLOAT	0										
PEAK	0.0	0.0	0.0			FLOW	0	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	0/ 0	0/ 0	0/ 0															
GRAND TOTAL																		
SUM	-321.9	4419.9				FLOW	0	0	0	0	0	0	0	0	0	0	8760	8760
PEAK	-430.8	3190.4																

MON/DAY 1/23 0/ 0

Extell 221 West 57th St DOE-2.2-47h2 9/17/2015 16:41:03 BDL RUN 4

REPORT- PS-D Circulation Loop Loads WEATHER FILE- New York CityNY TMY2

(CONTINUED)

__SCW 67 Loop																	
SUM	0.0	0.0	0.0	-311.3	0.0	HEAT	735	0	0	0	0	0	0	0	0	0	735
PEAK	0.0	0.0	0.0	-435.6	0.0	FLOW	0	0	0	0	0	0	0	0	0	735	735
MON/DAY	0/ 0	0/ 0	0/ 0	1/26	0/ 0												
SUM	0.0	4155.3	0.0	5454.4	0.0	COOL	5568	1328	1092	37	0	0	0	0	0	0	8025
PEAK	0.0	2811.8	0.0	2922.5	0.0	FLOW	0	0	0	0	0	0	0	0	0	8025	8025
MON/DAY	0/ 0	7/ 1	0/ 0	7/ 1	0/ 0												
SUM	0.0	0.0	0.0			FLOAT	0										
PEAK	0.0	0.0	0.0			FLOW	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	0/ 0	0/ 0	0/ 0														
GRAND TOTAL																	
SUM	0.0	4155.3				FLOW	0	0	0	0	0	0	0	0	0	8760	8760
PEAK	0.0	2811.8															
MON/DAY	0/ 0	0/ 0															
__SCW 46 Loop																	
SUM	-741.7	0.0	0.0	-1491.6	0.0	HEAT	1834	117	0	0	0	0	0	0	0	0	1951
PEAK	-924.3	0.0	0.0	-2257.1	0.0	FLOW	0	0	0	0	0	0	0	0	1951	0	1951
MON/DAY	1/23	0/ 0	0/ 0	1/23	0/ 0												
SUM	0.0	11996.3	0.0	14538.0	0.0	COOL	4617	1429	701	62	0	0	0	0	0	0	6809
PEAK	0.0	9587.9	0.0	9844.9	0.0	FLOW	0	0	0	0	0	0	0	0	6809	0	6809
MON/DAY	0/ 0	7/ 1	0/ 0	7/ 1	0/ 0												
SUM	0.0	0.0	0.0			FLOAT	0										
PEAK	0.0	0.0	0.0			FLOW	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	0/ 0	0/ 0	0/ 0														
GRAND TOTAL																	
SUM	-741.7	11996.3				FLOW	0	0	0	0	0	0	0	0	8760	0	0	8760
PEAK	-924.3	9587.9															
MON/DAY	1/23	0/ 0															

Hours high/low alarm limits exceeded: 0/ 0

Note: The yearly WLHP summaries include three entries each:
1. Data for when the loop is heating dominated, with coincident cooling
2. Data for when the loop is cooling dominated, with coincident heating
3. Data for when the loop is floating, with coincident heating and cooling

REPORT- PS-E Energy End-Use Summary for all Electric Meters WEATHER FILE- New York CityNY TMY2

	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
JAN													
KWH	313795.	4866.	206490.	24074.	9783.	0.	328414.	200537.	35958.	0.	7763.	22900.	1154582.
MAX KW	740.719	12.307	409.903	70.080	117.181	0.000	464.184	317.811	144.210	0.000	24.325	61.560	2125.918
DAY/HR	2/10	2/20	2/10	23/11	23/20	0/ 0	23/ 9	23/12	1/ 9	0/ 0	23/13	1/ 1	23/10
PEAK ENDUSE	740.719	9.780	409.903	52.316	40.078	0.000	462.928	307.511	89.870	0.000	12.813	0.000	
PEAK PCT	34.8	0.5	19.3	2.5	1.9	0.0	21.8	14.5	4.2	0.0	0.6	0.0	
FEB													
KWH	283474.	4397.	186527.	20336.	9184.	0.	295614.	178579.	32479.	0.	7360.	20684.	1038636.
MAX KW	740.719	12.307	409.903	64.681	70.741	0.000	461.417	312.447	144.210	0.000	25.084	61.560	2081.027
DAY/HR	1/10	1/20	1/10	5/ 5	24/16	0/ 0	4/ 9	4/19	1/ 9	0/ 0	1/13	1/ 1	4/10
PEAK ENDUSE	740.719	9.780	409.903	31.326	22.804	0.000	460.350	302.901	89.870	0.000	13.373	0.000	
PEAK PCT	35.6	0.5	19.7	1.5	1.1	0.0	22.1	14.6	4.3	0.0	0.6	0.0	
MAR													
KWH	313795.	4866.	206490.	16843.	19241.	21.	326315.	190647.	35958.	0.	8199.	22900.	1145277.
MAX KW	740.719	12.307	409.903	42.528	544.818	2.510	468.666	322.126	144.210	0.000	25.084	61.560	2496.828
DAY/HR	1/10	1/20	1/10	1/ 5	25/18	25/18	25/16	25/15	1/ 9	0/ 0	1/13	1/ 1	25/18
PEAK ENDUSE	671.745	5.877	349.931	0.000	544.818	2.510	467.717	305.438	129.580	0.000	19.213	0.000	
PEAK PCT	26.9	0.2	14.0	0.0	21.8	0.1	18.7	12.2	5.2	0.0	0.8	0.0	
APR													
KWH	306067.	4777.	200864.	8944.	33102.	74.	314736.	178827.	34799.	0.	7805.	22162.	1112155.
MAX KW	740.719	12.307	409.903	25.941	912.145	5.578	468.309	337.920	144.210	0.000	24.896	61.560	2884.771
DAY/HR	1/10	1/20	1/10	3/ 7	30/17	30/19	30/17	30/17	1/ 9	0/ 0	2/13	1/ 2	30/18
PEAK ENDUSE	671.745	5.877	349.931	0.000	898.824	5.320	467.927	336.774	129.580	0.000	18.793	0.000	
PEAK PCT	23.3	0.2	12.1	0.0	31.2	0.2	16.2	11.7	4.5	0.0	0.7	0.0	
MAY													
KWH	315222.	4906.	207107.	1617.	248278.	1460.	325664.	174993.	35958.	0.	7259.	22900.	1345366.
MAX KW	740.719	12.307	409.903	20.881	1555.781	11.474	475.985	370.291	144.210	0.000	22.640	61.560	3563.026
DAY/HR	1/10	1/20	1/10	7/ 5	10/14	22/19	22/17	10/16	1/ 9	0/ 0	6/13	1/ 2	10/14
PEAK ENDUSE	675.794	7.385	351.347	0.000	1555.781	10.662	475.026	364.606	100.320	0.000	22.104	0.000	
PEAK PCT	19.0	0.2	9.9	0.0	43.7	0.3	13.3	10.2	2.8	0.0	0.6	0.0	
JUN													
KWH	303213.	4697.	199630.	22.	537839.	4076.	320060.	183098.	34799.	0.	6321.	22162.	1615915.
MAX KW	740.719	12.307	409.903	2.338	1723.752	18.959	624.320	378.578	144.210	0.000	20.398	61.560	3725.250
DAY/HR	3/10	3/20	3/10	1/ 7	12/15	16/15	1/16	12/17	1/ 9	0/ 0	19/13	1/ 2	12/17
PEAK ENDUSE	675.794	7.385	351.347	0.000	1708.446	14.488	477.979	378.578	96.140	0.000	15.094	0.000	
PEAK PCT	18.1	0.2	9.4	0.0	45.9	0.4	12.8	10.2	2.6	0.0	0.4	0.0	
JUL													
KWH	315222.	4906.	207107.	0.	720928.	6679.	333176.	206182.	35958.	0.	5917.	22900.	1858977.
MAX KW	740.719	12.307	409.903	0.000	2084.279	27.710	482.692	424.376	144.210	0.000	18.457	61.560	4119.031
DAY/HR	1/10	1/20	1/10	0/ 0	1/17	18/14	17/14	2/ 9	1/ 9	0/ 0	3/13	1/ 2	1/17
PEAK ENDUSE	675.794	7.385	351.347	0.000	2084.279	20.133	482.357	387.946	96.140	0.000	13.650	0.000	
PEAK PCT	16.4	0.2	8.5	0.0	50.6	0.5	11.7	9.4	2.3	0.0	0.3	0.0	
AUG													
KWH	315222.	4906.	207107.	3.	634063.	5582.	331177.	195027.	35958.	0.	5612.	22900.	1757560.
MAX KW	740.719	12.307	409.903	0.749	1722.942	22.693	534.810	374.919	144.210	0.000	17.277	61.560	3714.198
DAY/HR	1/10	1/20	1/10	5/ 8	27/15	27/15	16/17	29/17	1/ 9	0/ 0	15/13	1/ 2	27/15
PEAK ENDUSE	675.794	7.385	351.347	0.000	1722.942	22.693	480.522	362.274	77.330	0.000	13.911	0.000	
PEAK PCT	18.2	0.2	9.5	0.0	46.4	0.6	12.9	9.8	2.1	0.0	0.4	0.0	

Extell 221 West 57th St DOE-2.2-47h2 9/17/2015 16:41:03 BDL RUN 4

REPORT- PS-E Energy End-Use Summary for all Electric Meters WEATHER FILE- New York CityNY TMY2
(CONTINUED)

SEP													
KWH	303213.	4697.	199630.	232.	432459.	3512.	317554.	174469.	34799.	0.	5288.	22162.	1498015.
MAX KW	740.719	12.307	409.903	9.233	1687.505	24.226	480.773	373.772	144.210	0.000	17.214	61.560	3696.526
DAY/HR	3/10	3/20	3/10	20/ 6	5/14	5/14	5/14	4/17	1/ 9	0/ 0	20/13	1/ 2	5/14
PEAK ENDUSE	675.794	7.385	351.347	0.000	1687.505	24.226	480.773	352.340	100.320	0.000	16.835	0.000	
PEAK PCT	18.3	0.2	9.5	0.0	45.7	0.7	13.0	9.5	2.7	0.0	0.5	0.0	
OCT													
KWH	315222.	4906.	207107.	4856.	76899.	227.	324719.	173762.	35958.	0.	5880.	22900.	1172440.
MAX KW	740.719	12.307	409.903	23.429	997.887	6.213	470.985	335.682	144.210	0.000	18.262	61.560	2933.583
DAY/HR	1/10	1/20	1/10	31/ 5	9/16	9/16	9/15	9/15	1/ 9	0/ 0	30/13	1/ 2	9/15
PEAK ENDUSE	675.794	7.385	351.347	0.000	994.263	6.149	470.985	335.682	77.330	0.000	14.648	0.000	
PEAK PCT	23.0	0.3	12.0	0.0	33.9	0.2	16.1	11.4	2.6	0.0	0.5	0.0	
NOV													
KWH	301786.	4656.	199014.	12290.	11015.	0.	315224.	184419.	34799.	0.	6225.	22162.	1091589.
MAX KW	740.719	12.307	409.903	32.937	115.186	0.000	456.767	316.973	144.210	0.000	20.151	61.560	2067.030
DAY/HR	1/10	1/20	1/10	22/ 4	3/16	0/ 0	22/ 9	14/ 9	1/ 9	0/ 0	21/13	1/ 2	15/10
PEAK ENDUSE	740.719	9.780	409.903	21.626	18.556	0.000	453.808	312.205	89.870	0.000	10.561	0.000	
PEAK PCT	35.8	0.5	19.8	1.0	0.9	0.0	22.0	15.1	4.3	0.0	0.5	0.0	
DEC													
KWH	313795.	4866.	206490.	18261.	9232.	1.	326908.	195554.	35958.	0.	7129.	22900.	1141097.
MAX KW	740.719	12.307	409.903	52.998	167.493	0.328	460.673	313.539	144.210	0.000	22.317	61.560	2061.105
DAY/HR	2/10	2/20	2/10	4/ 6	9/16	9/16	4/ 9	11/12	1/ 9	0/ 0	24/13	1/ 1	4/10
PEAK ENDUSE	740.719	9.780	409.903	33.887	18.570	0.000	458.328	288.312	89.870	0.000	11.736	0.000	
PEAK PCT	35.9	0.5	19.9	1.6	0.9	0.0	22.2	14.0	4.4	0.0	0.6	0.0	
KWH	3700027.	57448.	2433565.	107479.	2742024.	21633.	3859561.	2236095.	423382.	0.	80759.	269633.	15931608.
MAX KW	740.719	12.307	409.903	70.080	2084.279	27.710	624.320	424.376	144.210	0.000	25.084	61.560	4119.031
MON/DY	1/ 2	1/ 2	1/ 2	1/23	7/ 1	7/18	6/ 1	7/ 2	1/ 1	0/ 0	2/ 1	1/ 1	7/ 1
PEAK ENDUSE	675.794	7.385	351.347	0.000	2084.279	20.133	482.357	387.946	96.140	0.000	13.650	0.000	
PEAK PCT	16.4	0.2	8.5	0.0	50.6	0.5	11.7	9.4	2.3	0.0	0.3	0.0	

REPORT- PV-A Plant Design Parameters WEATHER FILE- New York CityNY TMY2

*** CIRCULATION LOOPS ***

	HEATING CAPACITY (MBTU/HR)	COOLING CAPACITY (MBTU/HR)	LOOP FLOW (GAL/MIN)	TOTAL HEAD (FT)	SUPPLY UA PRODUCT (BTU/HR-F)	SUPPLY LOSS DT (F)	RETURN UA PRODUCT (BTU/HR-F)	RETURN LOSS DT (F)	LOOP VOLUME (GAL)	FLUID HEAT CAPACITY (BTU/LB-F)
Res PCW Loop	-30.666	45.602	8987.7	61.6	0.0	0.00	0.0	0.00	13481.6	1.00
Upper Res PHW Loop	-12.773	0.000	845.6	41.6	0.0	0.00	0.0	0.00	1268.4	1.00
Lower Res PHW Loop	-6.515	0.000	393.0	41.6	0.0	0.00	0.0	0.00	589.5	1.00
Retail Elec DHW Loop	-0.086	0.000	2.2	0.0	0.0	0.00	0.0	0.00	3.2	1.00
Retail PHW Loop	-21.881	0.000	1459.1	41.6	0.0	0.00	0.0	0.00	2188.6	1.00
Retail CHW Loop	0.000	17.868	3519.1	51.6	0.0	0.00	0.0	0.00	5278.7	1.00
Penthouse CHW Loop	0.000	0.550	108.8	56.6	0.0	0.00	0.0	0.00	163.2	1.00
__SCW 90 Loop	-6.111	8.227	1624.8	41.6	0.0	0.00	0.0	0.00	2437.1	1.00
__SCW 67 Loop	-5.886	8.414	1662.0	41.6	0.0	0.00	0.0	0.00	2493.0	1.00
__SCW 46 Loop	-18.882	27.008	5353.1	41.6	0.0	0.00	0.0	0.00	8029.6	1.00
__SHW FTR 90 Loop	-4.794	0.000	321.0	31.6	0.0	0.00	0.0	0.00	481.5	1.00
__SHW DHW 90 Loop	-0.081	0.000	2.3	21.6	0.0	0.00	0.0	0.00	3.5	1.00
__SHW FTR 67 Loop	-4.015	0.000	268.1	31.6	0.0	0.00	0.0	0.00	402.2	1.00
__SHW DHW 67 Loop	-0.081	0.000	2.3	21.6	0.0	0.00	0.0	0.00	3.5	1.00
__SHW FTR 46 Loop	-3.593	0.000	239.8	31.6	0.0	0.00	0.0	0.00	359.7	1.00
__SHW DHW 46 Loop	-0.081	0.000	2.3	21.6	0.0	0.00	0.0	0.00	3.5	1.00
__SHW FTR 11 Loop	-3.040	0.000	203.2	31.6	0.0	0.00	0.0	0.00	304.8	1.00

__SHW DHW 11 Loop

-0.204	0.000	5.8	21.6	0.0	0.00	0.0	0.00	8.7	1.00

__SHW DHW 7 Loop

-0.204	0.000	5.8	21.6	0.0	0.00	0.0	0.00	8.7	1.00

*** PUMPS ***

ATTACHED TO		FLOW (GAL/MIN)	HEAD (FT)	HEAD SETPOINT (FT)	CAPACITY CONTROL	POWER (KW)	MECHANICAL EFFICIENCY (FRAC)	MOTOR EFFICIENCY (FRAC)
Res PCW Pump	3 PUMP(s)							
Res PCW Loop		6000.0	150.0	42.6	VFD&STAGED	207.015	0.910	0.900
PRIMARY LOOP								
SCW 90 Pump	1 PUMP(s)							
__SCW 90 Loop		1100.0	125.0	42.6	VAR-SPEED	31.627	0.910	0.900
SECONDARY LOOP								
SCW 67 Pump	1 PUMP(s)							
__SCW 67 Loop		1100.0	125.0	42.6	VAR-SPEED	31.627	0.910	0.900
SECONDARY LOOP								
SCW 46 Pump	1 PUMP(s)							
__SCW 46 Loop		2500.0	125.0	42.6	VAR-SPEED	71.880	0.910	0.900
SECONDARY LOOP								
Upper Res PHW Pump	4 PUMP(s)							
Upper Res PHW Loop		1640.0	150.0	32.6	VFD&STAGED	56.584	0.910	0.900
PRIMARY LOOP								
SHW FTR 90 Pump	1 PUMP(s)							
__SHW FTR 90 Loop		430.0	80.0	32.6	VAR-SPEED	7.913	0.910	0.900
SECONDARY LOOP								
SHW DHW 90 Pump	1 PUMP(s)							
__SHW DHW 90 Loop		2.3	80.0	22.6	VAR-SPEED	0.043	0.910	0.900
SECONDARY LOOP								
SHW FTR 67 Pump	1 PUMP(s)							
__SHW FTR 67 Loop		200.0	70.0	32.6	VAR-SPEED	3.220	0.910	0.900
SECONDARY LOOP								
SHW DHW 67 Pump	1 PUMP(s)							
__SHW DHW 67 Loop		2.3	80.0	22.6	VAR-SPEED	0.043	0.910	0.900
SECONDARY LOOP								
SHW FTR 46 Pump	1 PUMP(s)							
__SHW FTR 46 Loop		140.0	70.0	32.6	VAR-SPEED	2.254	0.910	0.900
SECONDARY LOOP								
SHW DHW 46 Pump	1 PUMP(s)							
__SHW DHW 46 Loop		2.3	80.0	22.6	VAR-SPEED	0.043	0.910	0.900
SECONDARY LOOP								
Lower Res PHW Pump	4 PUMP(s)							

Lower Res PHW Loop PRIMARY LOOP	2160.0	140.0	32.6	VFD&STAGED	69.557	0.910	0.900

REPORT- PV-A Plant Design Parameters WEATHER FILE- New York CityNY TMY2
(CONTINUED)

SHW FTR 11 Pump	1 PUMP(s)						
__SHW FTR 11 Loop	195.0	70.0	32.6	VAR-SPEED	3.140	0.910	0.900
SECONDARY LOOP							
SHW DHW 11 Pump	1 PUMP(s)						
__SHW DHW 11 Loop	5.8	80.0	22.6	VAR-SPEED	0.107	0.910	0.900
SECONDARY LOOP							
SHW DHW 7 Pump	1 PUMP(s)						
__SHW DHW 7 Loop	5.8	80.0	22.6	VAR-SPEED	0.107	0.910	0.900
SECONDARY LOOP							
Retail PHW Pump	1 PUMP(s)						
Retail PHW Loop	400.0	80.0	32.6	VAR-SPEED	7.361	0.910	0.900
PRIMARY LOOP							
Penthouse CHW Pump	1 PUMP(s)						
CH-94-1	99.4	70.0	0.0	ONE-SPEED	2.103	0.770	0.810
EVAPORATOR PRIMARY							
Retail CHW Pump	1 PUMP(s)						
Retail CHW Loop	3871.1	80.0	0.0	ONE-SPEED	84.184	0.770	0.900
PRIMARY LOOP							
Penthouse CHW Pump 2	1 PUMP(s)						
CH-94-2	119.7	70.0	0.0	ONE-SPEED	2.530	0.770	0.810
EVAPORATOR PRIMARY							

*** PRIMARY EQUIPMENT ***

EQUIPMENT TYPE	ATTACHED TO	RATED CAPACITY (MBTU/HR)	FLOW (GAL/MIN)	RATED EIR (FRAC)	RATED HIR (FRAC)	AUXILIARY (KW)
B-67M-6						
HW-CONDENSING	Upper Res PHW Loop	-5.610	371.4	0.000	1.045	0.000
B-67M-5						
HW-CONDENSING	Upper Res PHW Loop	-5.610	371.4	0.000	1.045	0.000
B-67M-4						
HW-CONDENSING	Upper Res PHW Loop	-5.610	371.4	0.000	1.045	0.000
B-67M-3						
HW-CONDENSING	Upper Res PHW Loop	-5.610	371.4	0.000	1.045	0.000
B-67M-2						
HW-CONDENSING	Upper Res PHW Loop	-5.610	371.4	0.000	1.045	0.000
B-67M-1						
HW-CONDENSING	Upper Res PHW Loop	-5.610	371.4	0.000	1.045	0.000
B-7-1						
HW-CONDENSING	Lower Res PHW Loop	-5.610	338.4	0.000	1.045	0.000
B-7-2						
HW-CONDENSING	Lower Res PHW Loop	-5.610	338.4	0.000	1.045	0.000

(CONTINUED)

B-7-3						
HW-CONDENSING	Lower Res PHW Loop	-5.610	338.4	0.000	1.045	0.000
B-7-4						
HW-CONDENSING	Lower Res PHW Loop	-5.610	338.4	0.000	1.045	0.000
B-7-5						
HW-CONDENSING	Lower Res PHW Loop	-5.610	338.4	0.000	1.045	0.000
B-7-6						
HW-CONDENSING	Lower Res PHW Loop	-5.610	338.4	0.000	1.045	0.000
B-6-1						
HW-CONDENSING	Retail PHW Loop	-5.610	374.1	0.000	1.045	0.000
B-6-2						
HW-CONDENSING	Retail PHW Loop	-5.610	374.1	0.000	1.045	0.000
Fake - HP Loop Boiler						
HW-CONDENSING	Res PCW Loop	0.000	0.0	0.000	1.074	0.000
Retail Chiller 1						
ELEC-SCREW	Retail CHW Loop	3.600	732.8	0.319	0.000	0.000
Retail Chiller 2						
ELEC-SCREW	Retail CHW Loop	3.600	732.8	0.319	0.000	0.000
Retail Chiller 3						
ELEC-SCREW	Retail CHW Loop	3.600	732.8	0.319	0.000	0.000
CH-94-1						
ELEC-OPEN-CENT	Penthouse CHW Loop	0.544	90.4	0.206	0.000	0.000
	Res PCW Loop	0.549	109.8			
CH-94-2						
ELEC-OPEN-CENT	Penthouse CHW Loop	1.185	196.9	0.201	0.000	0.000
	Res PCW Loop	1.191	238.1			

*** COOLING TOWERS ***

EQUIPMENT TYPE	ATTACHED TO	CAPACITY (MBTU/HR)	FLOW (GAL/MIN)	NUMBER OF CELLS	FAN POWER PER CELL (KW)	SPRAY PWR PER CELL (KW)	AUXILIARY (KW)
C-TR-1							
OPEN-TWR	Res PCW Loop	10.000	1998.4	1	30.770	0.000	0.000
C-TR-2							
OPEN-TWR	Res PCW Loop	10.000	1998.4	1	30.770	0.000	0.000
C-TR-3							
OPEN-TWR	Res PCW Loop	10.000	1998.4	1	30.770	0.000	0.000

*** DW-HEATERS ***

EQUIPMENT TYPE	ATTACHED TO	CAPACITY (MBTU/HR)	FLOW (GAL/MIN)	EIR (FRAC)	HIR (FRAC)	AUXILIARY (KW)	TANK (GAL)	TANK UA (BTU/HR-F)

(CONTINUED)

Nordstrom Elec DHW Heater

ELEC DW-HEATER	Retail Elec DHW Loop	-0.086	2.2	1.000	0.000	0.000	150.0	15.00

REPORT- SV-A System Design Parameters for SC2 (Retail) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	28708.8	574.	0.241	1393.404	0.681	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	36181.	1.00	23.728	2.03	3.5	0.63	0.72	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC2WNW Perim Zn (B.WNW1)	2236.	0.	0.000	0.278	622.	0.00	0.00	50.70	-60.36	-30.18	1.
SC2NNE Perim Zn (B.NNE2)	4467.	0.	0.000	0.186	829.	0.00	0.00	101.31	-120.60	-60.30	1.
SC2Core Zn (B.C4)	8499.	0.	0.000	0.278	2365.	0.00	0.00	192.77	-229.49	-114.74	1.
SC2SW Perim Zn (B.SW5)	1132.	0.	0.000	0.278	315.	0.00	0.00	25.66	-30.55	-15.28	1.
SC2Core Zn (B.C9)	9951.	0.	0.000	0.278	2769.	0.00	0.00	225.69	-268.68	-134.34	1.
SC2Core Zn (B.C11)	9897.	0.	0.000	0.186	1836.	0.00	0.00	224.46	-267.21	-133.61	1.
SC2WNW Perim Zn (B.WNW6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
SC2Core Zn (B.C10)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for SC1 (Retail) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	34393.6	688.	0.267	1489.046	0.678	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	38332.	1.00	25.138	2.03	3.5	0.63	0.72	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC1WNW Perim Zn (B.WNW1)	2236.	0.	0.000	0.278	622.	0.00	0.00	50.70	-60.36	-30.18	1.
SC1NNE Perim Zn (B.NNE2)	4467.	0.	0.000	0.186	829.	0.00	0.00	101.31	-120.60	-60.30	1.
SC1Core Zn (B.C4)	8499.	0.	0.000	0.278	2365.	0.00	0.00	192.77	-229.49	-114.74	1.
SC1SW Perim Zn (B.SW5)	1132.	0.	0.000	0.278	315.	0.00	0.00	25.66	-30.55	-15.28	1.
SC1SSW Perim Zn (B.SSW7)	2338.	0.	0.000	0.278	651.	0.00	0.00	53.03	-63.13	-31.57	1.
SC1ESE Perim Zn (B.ESE8)	3111.	0.	0.000	0.278	866.	0.00	0.00	70.56	-84.00	-42.00	1.
SC1Core Zn (B.C9)	9951.	0.	0.000	0.278	2769.	0.00	0.00	225.69	-268.68	-134.34	1.
SC1Core Zn (B.C11)	6598.	0.	0.000	0.278	1836.	0.00	0.00	149.64	-178.14	-89.07	1.
SC1Core Zn (B.C3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
SC1WNW Perim Zn (B.WNW6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
SC1Core Zn (B.C10)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for Cellar (Retail) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	30278.4	606.	0.256	1418.052	0.679	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	36665.	1.00	24.045	2.03	3.5	0.63	0.72	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
CWNW Perim Zn (B.WNW1)	2430.	0.	0.000	0.256	622.	0.00	0.00	55.11	-65.61	-32.81	1.
CNNE Perim Zn (B.NNE2)	3237.	0.	0.000	0.256	829.	0.00	0.00	73.41	-87.39	-43.70	1.
CCore Zn (B.C4)	9239.	0.	0.000	0.256	2365.	0.00	0.00	209.53	-249.44	-124.72	1.
CSW Perim Zn (B.SW5)	1230.	0.	0.000	0.256	315.	0.00	0.00	27.90	-33.21	-16.61	1.
CSSW Perim Zn (B.SSW7)	2542.	0.	0.000	0.256	651.	0.00	0.00	57.64	-68.62	-34.31	1.
CCore Zn (B.C9)	10817.	0.	0.000	0.256	2769.	0.00	0.00	245.32	-292.05	-146.02	1.
CCore Zn (B.C11)	7172.	0.	0.000	0.256	1836.	0.00	0.00	162.65	-193.63	-96.82	1.
CCore Zn (B.C3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for Ground (Retail) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	66082.3	638.	0.136	2301.036	0.696	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	62581.	1.00	41.041	2.03	3.5	0.63	0.72	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
GNW Perim Zn (G.NW2)	8055.	0.	0.000	0.107	859.	0.00	0.00	182.68	-347.96	-133.74	1.
									-50.00	(BASEBOARDS)	
GNNE Perim Zn (G.NNE3)	3694.	0.	0.000	0.107	394.	0.00	0.00	83.79	-159.60	-74.87	1.
									-50.00	(BASEBOARDS)	
GEast Perim Zn (G.E6)	1582.	0.	0.000	0.186	293.	0.00	0.00	35.88	-68.35	-46.36	1.
									-50.00	(BASEBOARDS)	
GWest Perim Zn (G.W8)	2193.	0.	0.000	0.071	156.	0.00	0.00	49.73	-94.73	-54.60	1.
									-50.00	(BASEBOARDS)	
GSSW Perim Zn (G.SSW9)	2996.	0.	0.000	0.107	320.	0.00	0.00	67.95	-129.42	-65.44	1.
									-50.00	(BASEBOARDS)	
GESE Perim Zn (G.ESE10)	1011.	0.	0.000	0.142	144.	0.00	0.00	22.92	-43.65	-38.64	1.
									-50.00	(BASEBOARDS)	
GSSW Perim Zn (G.SSW12)	4775.	0.	0.000	0.125	599.	0.00	0.00	108.31	-206.30	-89.47	1.
									-50.00	(BASEBOARDS)	
GCore Zn (G.C13)	5423.	0.	0.000	0.186	1006.	0.00	0.00	122.99	-234.28	-98.21	1.
									-50.00	(BASEBOARDS)	
GCore Zn (G.C14)	1744.	0.	0.000	0.107	186.	0.00	0.00	39.54	-75.32	-48.54	1.
									-50.00	(BASEBOARDS)	
GNNE Perim Zn (G.NNE15)	6548.	0.	0.000	0.107	698.	0.00	0.00	148.50	-282.85	-113.39	1.
									-50.00	(BASEBOARDS)	
GCore Zn (G.C16)	13128.	0.	0.000	0.107	1400.	0.00	0.00	297.75	-567.14	-202.23	1.
									-50.00	(BASEBOARDS)	
GCore Zn (G.C17)	11432.	0.	0.000	0.213	2439.	0.00	0.00	259.29	-493.88	-179.34	1.
									-50.00	(BASEBOARDS)	
GNW Perim Zn (G.NW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
GSSW Perim Zn (G.SSW4)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
GWest Perim Zn (G.W5)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
GNNE Perim Zn (G.NNE7)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
GPl Zn (G.18)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for 1Mezz (Retail) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	33093.9	662.	0.237	1529.453	0.682	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	39821.	1.00	26.115	2.03	3.5	0.63	0.72	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
1MNorth Perim Zn (G.N2)	2526.	0.	0.000	0.267	674.	0.00	0.00	57.30	-81.85	-59.11	1.
									-37.50	(BASEBOARDS)	
1MSW Perim Zn (G.SW3)	2573.	0.	0.000	0.187	482.	0.00	0.00	58.36	-83.37	-59.74	1.
									-37.50	(BASEBOARDS)	
1MSSW Perim Zn (G.SSW5)	2697.	0.	0.000	0.267	719.	0.00	0.00	61.17	-87.39	-61.41	1.
									-37.50	(BASEBOARDS)	
1MNNE Perim Zn (G.NNE6)	3008.	0.	0.000	0.235	707.	0.00	0.00	68.21	-97.45	-65.60	1.
									-37.50	(BASEBOARDS)	
1MESE Perim Zn (G.ESE7)	6492.	0.	0.000	0.133	866.	0.00	0.00	147.23	-210.33	-112.64	1.
									-37.50	(BASEBOARDS)	
1MCore Zn (G.C10)	5304.	0.	0.000	0.267	1415.	0.00	0.00	120.30	-171.86	-96.61	1.
									-37.50	(BASEBOARDS)	
1MCore Zn (G.C11)	17221.	0.	0.000	0.267	4592.	0.00	0.00	390.56	-557.95	-257.48	1.
									-37.50	(BASEBOARDS)	
1MNW Perim Zn (G.NW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
1MSW Perim Zn (G.SW4)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
1MCore Zn (G.C9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

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REPORT- SV-A System Design Parameters for 2 (Retail) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	36126.6	723.	0.175	2124.713	0.690	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	56791.	1.00	37.244	2.03	3.5	0.63	0.72	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
25North Perim Zn (G.N2)	3158.	0.	0.000	0.213	674.	0.00	0.00	71.62	-136.42	-67.63	1.
									-50.00	(BASEBOARDS)	
25SSW Perim Zn (G.SSW5)	7066.	0.	0.000	0.100	703.	0.00	0.00	160.26	-305.26	-120.39	1.
									-50.00	(BASEBOARDS)	
25Core Zn (G.C6)	8671.	0.	0.000	0.213	1850.	0.00	0.00	196.65	-374.57	-142.05	1.
									-50.00	(BASEBOARDS)	
25West Perim Zn (G.W7)	2544.	0.	0.000	0.061	156.	0.00	0.00	57.70	-109.90	-59.34	1.
									-50.00	(BASEBOARDS)	
25SSW Perim Zn (G.SSW8)	1660.	0.	0.000	0.192	320.	0.00	0.00	37.65	-71.72	-47.41	1.
									-50.00	(BASEBOARDS)	
25ESE Perim Zn (G.ESE9)	4473.	0.	0.000	0.107	477.	0.00	0.00	101.46	-193.25	-85.39	1.
									-50.00	(BASEBOARDS)	
25ESE Perim Zn (G.ESE10)	2277.	0.	0.000	0.171	389.	0.00	0.00	51.64	-98.35	-55.74	1.
									-50.00	(BASEBOARDS)	
25NNE Perim Zn (G.NNE11)	3794.	0.	0.000	0.138	522.	0.00	0.00	86.04	-163.89	-76.21	1.
									-50.00	(BASEBOARDS)	
25NNE Perim Zn (G.NNE12)	1303.	0.	0.000	0.142	185.	0.00	0.00	29.55	-56.28	-42.59	1.
									-50.00	(BASEBOARDS)	
25Core Zn (G.C15)	14022.	0.	0.000	0.213	2991.	0.00	0.00	318.03	-605.77	-214.30	1.
									-50.00	(BASEBOARDS)	
25Core Zn (G.C16)	7823.	0.	0.000	0.213	1669.	0.00	0.00	177.43	-337.96	-130.61	1.
									-50.00	(BASEBOARDS)	
25NW Perim Zn (G.NW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
25SSW Perim Zn (G.SSW3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
25West Perim Zn (G.W4)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
25Core Zn (G.C13)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
25Core Zn (G.C14)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

Extell 221 West 57th St DOE-2.2-47h2 9/17/2015 16:41:03 BDL RUN 4

REPORT- SV-A System Design Parameters for 3-4 (Retail) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	72253.2	1445.	0.157	4703.195	0.693	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	126782.	1.00	83.144	2.03	3.5	0.63	0.72	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
25North Perim Zn (M.N18)	3632.	0.	0.000	0.186	674.	0.00	0.00	82.36	-156.88	-74.03	2.
									-50.00	(BASEBOARDS)	
25SSW Perim Zn (M.SSW21)	8319.	0.	0.000	0.085	703.	0.00	0.00	188.67	-359.38	-137.31	2.
									-50.00	(BASEBOARDS)	
25Core Zn (M.C22)	8671.	0.	0.000	0.213	1850.	0.00	0.00	196.65	-374.57	-142.05	2.
									-50.00	(BASEBOARDS)	
25West Perim Zn (M.W23)	2926.	0.	0.000	0.053	156.	0.00	0.00	66.36	-126.41	-64.50	2.
									-50.00	(BASEBOARDS)	
25SSW Perim Zn (M.SSW24)	1714.	0.	0.000	0.186	320.	0.00	0.00	38.87	-74.04	-48.14	2.
									-50.00	(BASEBOARDS)	
25ESE Perim Zn (M.ESE25)	4473.	0.	0.000	0.107	477.	0.00	0.00	101.46	-193.25	-85.39	2.
									-50.00	(BASEBOARDS)	
25ESE Perim Zn (M.ESE26)	2732.	0.	0.000	0.142	389.	0.00	0.00	61.96	-118.03	-61.88	2.
									-50.00	(BASEBOARDS)	
25NNE Perim Zn (M.NNE27)	3742.	0.	0.000	0.139	522.	0.00	0.00	84.88	-161.67	-75.52	2.
									-50.00	(BASEBOARDS)	
25NNE Perim Zn (M.NNE28)	1425.	0.	0.000	0.130	185.	0.00	0.00	32.31	-61.55	-44.23	2.
									-50.00	(BASEBOARDS)	
25Core Zn (M.C31)	14022.	0.	0.000	0.213	2991.	0.00	0.00	318.03	-605.77	-214.30	2.
									-50.00	(BASEBOARDS)	
25Core Zn (M.C32)	11735.	0.	0.000	0.142	1669.	0.00	0.00	266.15	-506.94	-183.42	2.
									-50.00	(BASEBOARDS)	
25NW Perim Zn (M.NW17)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
25SSW Perim Zn (M.SSW19)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
25West Perim Zn (M.W20)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
25Core Zn (M.C29)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
25Core Zn (M.C30)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.

Extell 221 West 57th St DOE-2.2-47h2 9/17/2015 16:41:03 BDL RUN 4

REPORT- SV-A System Design Parameters for 5 (Retail) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	36126.6	723.	0.138	2650.924	0.696	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	72208.	1.00	47.355	2.03	3.5	0.63	0.72	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
25North Perim Zn (T.N34)	3158.	0.	0.000	0.213	674.	0.00	0.00	71.62	-102.32	-67.63	1.
									-37.50	(BASEBOARDS)	
25SSW Perim Zn (T.SSW37)	13161.	0.	0.000	0.053	703.	0.00	0.00	298.50	-426.43	-202.68	1.
									-37.50	(BASEBOARDS)	
25Core Zn (T.C38)	8671.	0.	0.000	0.213	1850.	0.00	0.00	196.65	-280.93	-142.05	1.
									-37.50	(BASEBOARDS)	
25West Perim Zn (T.W39)	4543.	0.	0.000	0.034	156.	0.00	0.00	103.03	-147.18	-86.33	1.
									-37.50	(BASEBOARDS)	
25SSW Perim Zn (T.SSW40)	2195.	0.	0.000	0.146	320.	0.00	0.00	49.78	-71.11	-54.63	1.
									-37.50	(BASEBOARDS)	
25ESE Perim Zn (T.ESE41)	4473.	0.	0.000	0.107	477.	0.00	0.00	101.46	-144.94	-85.39	1.
									-37.50	(BASEBOARDS)	
25ESE Perim Zn (T.ESE42)	2277.	0.	0.000	0.171	389.	0.00	0.00	51.64	-73.77	-55.74	1.
									-37.50	(BASEBOARDS)	
25NNE Perim Zn (T.NNE43)	6003.	0.	0.000	0.087	522.	0.00	0.00	136.15	-194.49	-106.04	1.
									-37.50	(BASEBOARDS)	
25NNE Perim Zn (T.NNE44)	1971.	0.	0.000	0.094	185.	0.00	0.00	44.69	-63.85	-51.60	1.
									-37.50	(BASEBOARDS)	
25Core Zn (T.C47)	14022.	0.	0.000	0.213	2991.	0.00	0.00	318.03	-454.33	-214.30	1.
									-37.50	(BASEBOARDS)	
25Core Zn (T.C48)	11735.	0.	0.000	0.142	1669.	0.00	0.00	266.15	-380.21	-183.42	1.
									-37.50	(BASEBOARDS)	
25NW Perim Zn (T.NW33)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
25SSW Perim Zn (T.SSW35)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
25West Perim Zn (T.W36)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
25Core Zn (T.C45)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
25Core Zn (T.C46)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for HP Lower Res WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
HP	1.000	383537.8	271.	0.000	0.000	0.000	0.000	0.278	0.205	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	191985.	0.00	0.000	0.83	0.0	0.00	0.00	BLOW-THRU	CONSTANT	0.00	0.00

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
1519WNW Perim Zn (G.WNW6)	1432.	0.	0.384	1.000	0.	43.96	0.70	32.05	-59.68	-63.53	3.
									-25.00	(BASEBOARDS)	
1519NNE Perim Zn (G.NNE7)	4566.	0.	1.223	1.000	0.	139.21	0.70	102.22	-189.02	-147.87	3.
									-25.00	(BASEBOARDS)	
1519East Perim Zn (G.E8)	1134.	0.	0.304	1.000	0.	34.69	0.70	25.39	-47.10	-55.52	3.
									-25.00	(BASEBOARDS)	
1519ESE Perim Zn (G.ESE9)	981.	0.	0.263	1.000	0.	29.96	0.70	21.97	-40.67	-51.41	3.
									-25.00	(BASEBOARDS)	
1519South Perim Zn (G.S10	499.	0.	0.134	1.000	0.	15.30	0.70	11.17	-20.78	-38.42	3.
									-25.00	(BASEBOARDS)	
1519SSE Perim Zn (G.SSE11	2211.	0.	0.592	1.000	0.	67.47	0.70	49.50	-91.61	-84.50	3.
									-25.00	(BASEBOARDS)	
1519WNW Perim Zn (M.WNW20	1432.	0.	0.384	1.000	0.	43.96	0.70	32.05	-59.68	-63.53	5.
									-25.00	(BASEBOARDS)	
1519NNE Perim Zn (M.NNE21	4566.	0.	1.223	1.000	0.	139.21	0.70	102.22	-189.02	-147.87	5.
									-25.00	(BASEBOARDS)	
1519East Perim Zn (M.E22)	1134.	0.	0.304	1.000	0.	34.69	0.70	25.39	-47.10	-55.52	5.
									-25.00	(BASEBOARDS)	
1519ESE Perim Zn (M.ESE23	981.	0.	0.263	1.000	0.	29.96	0.70	21.97	-40.67	-51.41	5.
									-25.00	(BASEBOARDS)	
1519South Perim Zn (M.S24	499.	0.	0.134	1.000	0.	15.33	0.70	11.17	-20.81	-38.42	5.
									-25.00	(BASEBOARDS)	
1519SSE Perim Zn (M.SSE25	2211.	0.	0.592	1.000	0.	67.47	0.70	49.50	-91.61	-84.50	5.
									-25.00	(BASEBOARDS)	
1519West Perim Zn (M.W26)	1565.	0.	0.419	1.000	0.	47.90	0.70	35.03	-65.04	-67.10	5.
									-25.00	(BASEBOARDS)	
1519WNW Perim Zn (M.WNW27	1220.	0.	0.327	1.000	0.	37.11	0.70	27.31	-50.38	-57.83	5.
									-25.00	(BASEBOARDS)	
1519WNW Perim Zn (T.WNW34	1432.	0.	0.384	1.000	0.	43.96	0.70	32.05	-59.68	-63.53	1.
									-25.00	(BASEBOARDS)	
1519NNE Perim Zn (T.NNE35	4566.	0.	1.223	1.000	0.	139.21	0.70	102.22	-189.02	-147.87	1.
									-25.00	(BASEBOARDS)	
1519East Perim Zn (T.E36)	1134.	0.	0.304	1.000	0.	34.69	0.70	25.39	-47.10	-55.52	1.
									-25.00	(BASEBOARDS)	
1519ESE Perim Zn (T.ESE37	981.	0.	0.263	1.000	0.	29.96	0.70	21.97	-40.67	-51.41	1.
									-25.00	(BASEBOARDS)	
1519South Perim Zn (T.S38	499.	0.	0.134	1.000	0.	15.33	0.70	11.17	-20.81	-38.42	1.
									-25.00	(BASEBOARDS)	
1519SSE Perim Zn (T.SSE39	2211.	0.	0.592	1.000	0.	67.47	0.70	49.50	-91.61	-84.50	1.
									-25.00	(BASEBOARDS)	

1519West Perim Zn (T.W40)	1565.	0.	0.419	1.000	0.	47.90	0.70	35.03	-65.04	-67.10	1.
									-25.00 (BASEBOARDS)		
1519WNW Perim Zn (T.WNW41	1220.	0.	0.327	1.000	0.	37.11	0.70	27.31	-50.38	-57.83	1.
									-25.00 (BASEBOARDS)		
2026East Perim Zn (G.E6)	1134.	0.	0.304	1.000	0.	34.64	0.70	25.39	-47.04	-55.52	1.
									-25.00 (BASEBOARDS)		
2026WNW Perim Zn (G.WNW7)	1432.	0.	0.384	1.000	0.	43.85	0.70	32.05	-59.54	-63.53	1.
									-25.00 (BASEBOARDS)		
2026NNE Perim Zn (G.NNE8)	4566.	0.	1.223	1.000	0.	138.97	0.70	102.22	-188.69	-147.87	1.
									-25.00 (BASEBOARDS)		
2026WNW Perim Zn (G.WNW9)	1220.	0.	0.327	1.000	0.	37.21	0.70	27.31	-50.53	-57.83	1.
									-25.00 (BASEBOARDS)		
2026ESE Perim Zn (G.ESE10	981.	0.	0.263	1.000	0.	29.91	0.70	21.97	-40.62	-51.41	1.
									-25.00 (BASEBOARDS)		
2026SW Perim Zn (G.SW11)	536.	0.	0.144	1.000	0.	16.52	0.70	12.01	-22.43	-39.44	1.
									-25.00 (BASEBOARDS)		
2026SSW Perim Zn (G.SSW12	798.	0.	0.214	1.000	0.	24.42	0.70	17.87	-33.15	-46.48	1.
									-25.00 (BASEBOARDS)		
2026South Perim Zn (G.S13	458.	0.	0.123	1.000	0.	14.09	0.70	10.26	-19.14	-37.34	1.
									-25.00 (BASEBOARDS)		
2026East Perim Zn (M.E20)	1134.	0.	0.304	1.000	0.	34.86	0.70	25.39	-47.34	-55.52	5.
									-25.00 (BASEBOARDS)		
2026WNW Perim Zn (M.WNW21	1432.	0.	0.384	1.000	0.	43.85	0.70	32.05	-59.54	-63.53	5.
									-25.00 (BASEBOARDS)		
2026NNE Perim Zn (M.NNE22	4566.	0.	1.223	1.000	0.	139.10	0.70	102.22	-188.87	-147.87	5.
									-25.00 (BASEBOARDS)		
2026WNW Perim Zn (M.WNW23	1220.	0.	0.327	1.000	0.	37.26	0.70	27.31	-50.59	-57.83	5.
									-25.00 (BASEBOARDS)		
2026ESE Perim Zn (M.ESE24	981.	0.	0.263	1.000	0.	29.91	0.70	21.97	-40.62	-51.41	5.
									-25.00 (BASEBOARDS)		
2026SW Perim Zn (M.SW25)	536.	0.	0.144	1.000	0.	16.52	0.70	12.01	-22.43	-39.44	5.
									-25.00 (BASEBOARDS)		
2026SSW Perim Zn (M.SSW26	798.	0.	0.214	1.000	0.	24.42	0.70	17.87	-33.15	-46.48	5.
									-25.00 (BASEBOARDS)		
2026South Perim Zn (M.S27	458.	0.	0.123	1.000	0.	14.14	0.70	10.26	-19.19	-37.34	5.
									-25.00 (BASEBOARDS)		
2026East Perim Zn (T.E34)	1134.	0.	0.304	1.000	0.	34.86	0.70	25.39	-47.34	-55.52	1.
									-25.00 (BASEBOARDS)		
2026WNW Perim Zn (T.WNW35	1432.	0.	0.384	1.000	0.	44.56	0.69	32.05	-60.51	-63.53	1.
									-25.00 (BASEBOARDS)		
2026NNE Perim Zn (T.NNE36	4566.	0.	1.223	1.000	0.	142.58	0.69	102.22	-193.60	-147.87	1.
									-25.00 (BASEBOARDS)		
2026WNW Perim Zn (T.WNW37	1220.	0.	0.327	1.000	0.	37.11	0.70	27.31	-50.38	-57.83	1.
									-25.00 (BASEBOARDS)		

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2026ESE Perim Zn (T.ESE38	981.	0.	0.263	1.000	0.	29.91	0.70	21.97	-40.62	-51.41	1.
									-25.00 (BASEBOARDS)		
2026SW Perim Zn (T.SW39)	536.	0.	0.144	1.000	0.	16.72	0.69	12.01	-22.70	-39.44	1.
									-25.00 (BASEBOARDS)		
2026SSW Perim Zn (T.SSW40	798.	0.	0.214	1.000	0.	24.63	0.70	17.87	-33.44	-46.48	1.
									-25.00 (BASEBOARDS)		
2026South Perim Zn (T.S41	458.	0.	0.123	1.000	0.	14.19	0.70	10.26	-19.26	-37.34	1.
									-25.00 (BASEBOARDS)		
1519Core Zn (G.C1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
1519Core Zn (G.C2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
1519Core Zn (G.C3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
1519Core Zn (G.C4)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
1519West Perim Zn (G.W12)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
1519WNW Perim Zn (G.WNW13	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
1519Pl Zn (G.14)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
1519Core Zn (M.C15)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
1519Core Zn (M.C16)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
1519Core Zn (M.C17)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
1519Core Zn (M.C18)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
1519Pl Zn (M.28)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
1519Core Zn (T.C29)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
1519Core Zn (T.C30)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
1519Core Zn (T.C31)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
1519Core Zn (T.C32)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
1519Pl Zn (T.42)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Core Zn (G.C1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Core Zn (G.C2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Core Zn (G.C3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Core Zn (G.C4)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Pl Zn (G.14)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Core Zn (M.C15)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
2026Core Zn (M.C16)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
2026Core Zn (M.C17)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
2026Core Zn (M.C18)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
2026Pl Zn (M.28)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
2026Core Zn (T.C29)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Core Zn (T.C30)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Core Zn (T.C31)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Core Zn (T.C32)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Pl Zn (T.42)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for HP Low-Mid Res WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
HP	1.000	303446.3	169.	0.000	0.000	0.000	0.000	0.278	0.205	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	155487.	0.00	0.000	0.83	0.0	0.00	0.00	BLOW-THRU	CONSTANT	0.00	0.00

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
28NNW Perim Zn (G.NNW5)	1649.	0.	0.442	1.000	0.	50.36	0.70	36.92	-68.37	-69.38	1.
									-25.00	(BASEBOARDS)	
28NNE Perim Zn (G.NNE6)	1654.	0.	0.443	1.000	0.	50.37	0.70	37.02	-68.40	-69.50	1.
									-25.00	(BASEBOARDS)	
28East Perim Zn (G.E7)	1134.	0.	0.304	1.000	0.	34.64	0.70	25.39	-47.03	-55.52	1.
									-25.00	(BASEBOARDS)	
28ESE Perim Zn (G.ESE8)	981.	0.	0.263	1.000	0.	29.91	0.70	21.97	-40.61	-51.41	1.
									-25.00	(BASEBOARDS)	
28South Perim Zn (G.S9)	458.	0.	0.123	1.000	0.	14.03	0.70	10.26	-19.05	-37.34	1.
									-25.00	(BASEBOARDS)	
28SSW Perim Zn (G.SSW10)	668.	0.	0.179	1.000	0.	20.38	0.70	14.96	-27.68	-42.98	1.
									-25.00	(BASEBOARDS)	
28SW Perim Zn (G.SW11)	666.	0.	0.179	1.000	0.	20.38	0.70	14.92	-27.67	-42.94	1.
									-25.00	(BASEBOARDS)	
28WNW Perim Zn (G.WNW12)	1427.	0.	0.382	1.000	0.	43.49	0.70	31.95	-59.05	-63.40	1.
									-25.00	(BASEBOARDS)	
2936NNW Perim Zn (M.NNW18	1649.	0.	0.442	1.000	0.	50.36	0.70	36.92	-68.37	-69.38	8.
									-25.00	(BASEBOARDS)	
2936NNE Perim Zn (M.NNE19	1654.	0.	0.443	1.000	0.	50.57	0.70	37.02	-68.66	-69.50	8.
									-25.00	(BASEBOARDS)	
2936East Perim Zn (M.E20)	1134.	0.	0.304	1.000	0.	34.64	0.70	25.39	-47.03	-55.52	8.
									-25.00	(BASEBOARDS)	
2936ESE Perim Zn (M.ESE21	981.	0.	0.263	1.000	0.	29.91	0.70	21.97	-40.61	-51.41	8.
									-25.00	(BASEBOARDS)	
2936South Perim Zn (M.S22	458.	0.	0.123	1.000	0.	14.09	0.70	10.26	-19.13	-37.34	8.
									-25.00	(BASEBOARDS)	
2936SSW Perim Zn (M.SSW23	668.	0.	0.179	1.000	0.	20.45	0.70	14.96	-27.76	-42.98	8.
									-25.00	(BASEBOARDS)	
2936SW Perim Zn (M.SW24)	666.	0.	0.179	1.000	0.	20.48	0.70	14.92	-27.81	-42.94	8.
									-25.00	(BASEBOARDS)	
2936WNW Perim Zn (M.WNW25	1427.	0.	0.382	1.000	0.	43.53	0.70	31.95	-59.11	-63.40	8.
									-25.00	(BASEBOARDS)	
3744NNW Perim Zn (M.NNW18	1649.	0.	0.442	1.000	0.	50.36	0.70	36.92	-68.37	-69.38	8.
									-25.00	(BASEBOARDS)	
3744NNE Perim Zn (M.NNE19	1654.	0.	0.443	1.000	0.	50.57	0.70	37.02	-68.66	-69.50	8.
									-25.00	(BASEBOARDS)	
3744East Perim Zn (M.E20)	1134.	0.	0.304	1.000	0.	34.64	0.70	25.39	-47.03	-55.52	8.
									-25.00	(BASEBOARDS)	
3744ESE Perim Zn (M.ESE21	981.	0.	0.263	1.000	0.	29.91	0.70	21.97	-40.61	-51.41	8.
									-25.00	(BASEBOARDS)	

3744South Perim Zn (M.S22	458.	0.	0.123	1.000	0.	14.09	0.70	10.26	-19.13	-37.34	8.
									-25.00	(BASEBOARDS)	
3744SSW Perim Zn (M.SSW23	668.	0.	0.179	1.000	0.	20.45	0.70	14.96	-27.76	-42.98	8.
									-25.00	(BASEBOARDS)	
3744SW Perim Zn (M.SW24)	666.	0.	0.179	1.000	0.	20.48	0.70	14.92	-27.81	-42.94	8.
									-25.00	(BASEBOARDS)	
3744WNW Perim Zn (M.WNW25	1427.	0.	0.382	1.000	0.	43.53	0.70	31.95	-59.11	-63.40	8.
									-25.00	(BASEBOARDS)	
45NNW Perim Zn (T.NNW31)	1649.	0.	0.442	1.000	0.	50.36	0.70	36.92	-68.37	-69.38	1.
									-25.00	(BASEBOARDS)	
45NNE Perim Zn (T.NNE32)	1654.	0.	0.443	1.000	0.	50.57	0.70	37.02	-68.66	-69.50	1.
									-25.00	(BASEBOARDS)	
45East Perim Zn (T.E33)	1134.	0.	0.304	1.000	0.	34.64	0.70	25.39	-47.03	-55.52	1.
									-25.00	(BASEBOARDS)	
45ESE Perim Zn (T.ESE34)	981.	0.	0.263	1.000	0.	29.91	0.70	21.97	-40.61	-51.41	1.
									-25.00	(BASEBOARDS)	
45South Perim Zn (T.S35)	458.	0.	0.123	1.000	0.	14.09	0.70	10.26	-19.13	-37.34	1.
									-25.00	(BASEBOARDS)	
45SSW Perim Zn (T.SSW36)	668.	0.	0.179	1.000	0.	20.45	0.70	14.96	-27.76	-42.98	1.
									-25.00	(BASEBOARDS)	
45SW Perim Zn (T.SW37)	666.	0.	0.179	1.000	0.	20.48	0.70	14.92	-27.81	-42.94	1.
									-25.00	(BASEBOARDS)	
45WNW Perim Zn (T.WNW38)	1427.	0.	0.382	1.000	0.	43.49	0.70	31.95	-59.05	-63.40	1.
									-25.00	(BASEBOARDS)	
28Core Zn (G.C1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
28Core Zn (G.C2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
28Core Zn (G.C3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
28Pl Zn (G.13)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2936Core Zn (M.C14)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
2936Core Zn (M.C15)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
2936Core Zn (M.C16)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
2936Pl Zn (M.26)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.

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3744Core Zn (M.C14)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
3744Core Zn (M.C15)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
3744Core Zn (M.C16)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
3744Pl Zn (M.26)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
45Core Zn (T.C27)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
45Core Zn (T.C28)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
45Core Zn (T.C29)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
45Pl Zn (T.39)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

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SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
HP	1.000	317636.8	174.	0.000	0.000	0.000	0.000	0.278	0.205	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	160895.	0.00	0.000	0.83	0.0	0.00	0.00	BLOW-THRU	CONSTANT	0.00	0.00

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
47NNW Perim Zn (G.NNW1)	1338.	0.	0.359	1.000	0.	40.93	0.70	29.96	-55.58	-61.01	1.
									-25.00 (BASEBOARDS)		
47West Perim Zn (G.W2)	1641.	0.	0.440	1.000	0.	50.03	0.70	36.73	-67.92	-69.15	1.
									-25.00 (BASEBOARDS)		
47SW Perim Zn (G.SW3)	482.	0.	0.129	1.000	0.	14.88	0.70	10.80	-20.20	-37.98	1.
									-25.00 (BASEBOARDS)		
47SSW Perim Zn (G.SSW4)	852.	0.	0.228	1.000	0.	26.05	0.70	19.09	-35.36	-47.94	1.
									-25.00 (BASEBOARDS)		
47SSE Perim Zn (G.SSE5)	585.	0.	0.157	1.000	0.	17.95	0.70	13.09	-24.37	-40.74	1.
									-25.00 (BASEBOARDS)		
47ESE Perim Zn (G.ESE6)	981.	0.	0.263	1.000	0.	29.92	0.70	21.97	-40.63	-51.41	1.
									-25.00 (BASEBOARDS)		
47ENE Perim Zn (G.ENE7)	740.	0.	0.198	1.000	0.	22.66	0.70	16.57	-30.77	-44.92	1.
									-25.00 (BASEBOARDS)		
47NE Perim Zn (G.NE8)	1392.	0.	0.373	1.000	0.	42.43	0.70	31.17	-57.61	-62.47	1.
									-25.00 (BASEBOARDS)		
47Core Zn (G.C12)	654.	0.	0.175	1.000	0.	20.05	0.70	14.65	-27.22	-42.61	1.
									-25.00 (BASEBOARDS)		
4856NNW Perim Zn (M.NNW14	1338.	0.	0.359	1.000	0.	40.93	0.70	29.96	-55.58	-61.01	9.
									-25.00 (BASEBOARDS)		
4856West Perim Zn (M.W15)	1641.	0.	0.440	1.000	0.	50.03	0.70	36.73	-67.92	-69.15	9.
									-25.00 (BASEBOARDS)		
4856SW Perim Zn (M.SW16)	482.	0.	0.129	1.000	0.	14.88	0.70	10.80	-20.20	-37.98	9.
									-25.00 (BASEBOARDS)		
4856SSW Perim Zn (M.SSW17	852.	0.	0.228	1.000	0.	26.05	0.70	19.09	-35.36	-47.94	9.
									-25.00 (BASEBOARDS)		
4856SSE Perim Zn (M.SSE18	585.	0.	0.157	1.000	0.	17.95	0.70	13.09	-24.37	-40.74	9.
									-25.00 (BASEBOARDS)		
4856ESE Perim Zn (M.ESE19	981.	0.	0.263	1.000	0.	29.92	0.70	21.97	-40.63	-51.41	9.
									-25.00 (BASEBOARDS)		
4856ENE Perim Zn (M.ENE20	740.	0.	0.198	1.000	0.	22.66	0.70	16.57	-30.77	-44.92	9.
									-25.00 (BASEBOARDS)		
4856NE Perim Zn (M.NE21)	1392.	0.	0.373	1.000	0.	42.50	0.70	31.18	-57.70	-62.47	9.
									-25.00 (BASEBOARDS)		
5765NNW Perim Zn (M.NNW14	1338.	0.	0.359	1.000	0.	40.93	0.70	29.96	-55.58	-61.01	9.
									-25.00 (BASEBOARDS)		
5765West Perim Zn (M.W15)	1641.	0.	0.440	1.000	0.	50.03	0.70	36.73	-67.92	-69.15	9.
									-25.00 (BASEBOARDS)		
5765SW Perim Zn (M.SW16)	482.	0.	0.129	1.000	0.	14.88	0.70	10.80	-20.20	-37.98	9.
									-25.00 (BASEBOARDS)		

5765SSW Perim Zn (M.SSW17	852.	0.	0.228	1.000	0.	26.05	0.70	19.09	-35.36	-47.94	9.
									-25.00	(BASEBOARDS)	
5765SSE Perim Zn (M.SSE18	585.	0.	0.157	1.000	0.	17.95	0.70	13.09	-24.37	-40.74	9.
									-25.00	(BASEBOARDS)	
5765ESE Perim Zn (M.ESE19	981.	0.	0.263	1.000	0.	29.92	0.70	21.97	-40.63	-51.41	9.
									-25.00	(BASEBOARDS)	
5765ENE Perim Zn (M.ENE20	740.	0.	0.198	1.000	0.	22.66	0.70	16.57	-30.77	-44.92	9.
									-25.00	(BASEBOARDS)	
5765NE Perim Zn (M.NE21)	1392.	0.	0.373	1.000	0.	42.50	0.70	31.18	-57.70	-62.47	9.
									-25.00	(BASEBOARDS)	
66NNW Perim Zn (T.NNW27)	1338.	0.	0.359	1.000	0.	40.93	0.70	29.96	-55.58	-61.01	1.
									-25.00	(BASEBOARDS)	
66West Perim Zn (T.W28)	1641.	0.	0.440	1.000	0.	50.03	0.70	36.73	-67.92	-69.15	1.
									-25.00	(BASEBOARDS)	
66SW Perim Zn (T.SW29)	482.	0.	0.129	1.000	0.	14.88	0.70	10.80	-20.20	-37.98	1.
									-25.00	(BASEBOARDS)	
66SSW Perim Zn (T.SSW30)	852.	0.	0.228	1.000	0.	26.05	0.70	19.09	-35.36	-47.94	1.
									-25.00	(BASEBOARDS)	
66SSE Perim Zn (T.SSE31)	585.	0.	0.157	1.000	0.	17.95	0.70	13.09	-24.37	-40.74	1.
									-25.00	(BASEBOARDS)	
66ESE Perim Zn (T.ESE32)	981.	0.	0.263	1.000	0.	29.92	0.70	21.97	-40.63	-51.41	1.
									-25.00	(BASEBOARDS)	
66ENE Perim Zn (T.ENE33)	740.	0.	0.198	1.000	0.	22.66	0.70	16.57	-30.77	-44.92	1.
									-25.00	(BASEBOARDS)	
66NE Perim Zn (T.NE34)	1392.	0.	0.373	1.000	0.	42.43	0.70	31.17	-57.61	-62.47	1.
									-25.00	(BASEBOARDS)	
47Core Zn (G.C9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
47Core Zn (G.C10)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
47Core Zn (G.C11)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
47Pl Zn (G.13)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
4856Core Zn (M.C22)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
4856Core Zn (M.C23)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
4856Core Zn (M.C24)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.

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4856Pl Zn (M.26)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
5765Core Zn (M.C22)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
5765Core Zn (M.C23)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
5765Core Zn (M.C24)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
5765Pl Zn (M.26)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
66Core Zn (T.C35)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
66Core Zn (T.C36)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
66Core Zn (T.C37)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
66Pl Zn (T.39)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for HP Upper Res WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
HP	1.000	336974.5	152.	0.000	0.000	0.000	0.000	0.278	0.205	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	173360.	0.00	0.000	0.83	0.0	0.00	0.00	BLOW-THRU	CONSTANT	0.00	0.00

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
68NNW Perim Zn (G.NNW1)	1135.	0.	0.304	1.000	0.	34.85	0.70	25.42	-47.31	-55.56	1.
									-25.00	(BASEBOARDS)	
68NE Perim Zn (G.NE2)	1469.	0.	0.394	1.000	0.	44.87	0.70	32.90	-60.93	-64.54	1.
									-25.00	(BASEBOARDS)	
68ESE Perim Zn (G.ESE3)	360.	0.	0.097	1.000	0.	11.18	0.69	8.17	-15.18	-34.69	1.
									-25.00	(BASEBOARDS)	
68West Perim Zn (G.W4)	1554.	0.	0.417	1.000	0.	47.46	0.70	34.80	-64.44	-66.83	1.
									-25.00	(BASEBOARDS)	
68SW Perim Zn (G.SW5)	449.	0.	0.120	1.000	0.	13.90	0.70	10.05	-18.87	-37.08	1.
									-25.00	(BASEBOARDS)	
68South Perim Zn (G.S6)	852.	0.	0.228	1.000	0.	26.17	0.70	19.09	-35.53	-47.94	1.
									-25.00	(BASEBOARDS)	
68ESE Perim Zn (G.ESE9)	298.	0.	0.080	1.000	0.	9.22	0.70	6.67	-12.51	-33.02	1.
									-25.00	(BASEBOARDS)	
68DBWNW Perim Zn (G.WNW1)	3512.	0.	0.941	1.000	0.	108.28	0.70	78.63	-147.02	-119.82	1.
									-25.00	(BASEBOARDS)	
69NNW Perim Zn (G.NNW1)	1135.	0.	0.304	1.000	0.	34.85	0.70	25.42	-47.32	-55.56	1.
									-25.00	(BASEBOARDS)	
69NE Perim Zn (G.NE2)	1469.	0.	0.394	1.000	0.	44.88	0.70	32.90	-60.93	-64.54	1.
									-25.00	(BASEBOARDS)	
69ESE Perim Zn (G.ESE3)	358.	0.	0.096	1.000	0.	11.12	0.69	8.12	-15.09	-34.64	1.
									-25.00	(BASEBOARDS)	
69West Perim Zn (G.W4)	1554.	0.	0.417	1.000	0.	47.47	0.70	34.80	-64.45	-66.83	1.
									-25.00	(BASEBOARDS)	
69SW Perim Zn (G.SW5)	449.	0.	0.120	1.000	0.	13.79	0.70	10.05	-18.73	-37.08	1.
									-25.00	(BASEBOARDS)	
69South Perim Zn (G.S6)	852.	0.	0.228	1.000	0.	26.17	0.70	19.09	-35.53	-47.94	1.
									-25.00	(BASEBOARDS)	
70NNW Perim Zn (G.NNW1)	1170.	0.	0.313	1.000	0.	35.83	0.70	26.19	-48.64	-56.48	1.
									-25.00	(BASEBOARDS)	
70West Perim Zn (G.W2)	1520.	0.	0.407	1.000	0.	46.37	0.70	34.03	-62.96	-65.91	1.
									-25.00	(BASEBOARDS)	
70SW Perim Zn (G.SW3)	449.	0.	0.120	1.000	0.	13.75	0.70	10.05	-18.68	-37.08	1.
									-25.00	(BASEBOARDS)	
70South Perim Zn (G.S4)	1061.	0.	0.284	1.000	0.	32.47	0.70	23.75	-44.08	-53.55	1.
									-25.00	(BASEBOARDS)	
70NE Perim Zn (G.NE5)	589.	0.	0.158	1.000	0.	18.04	0.70	13.19	-24.49	-40.85	1.
									-25.00	(BASEBOARDS)	
70ENE Perim Zn (G.ENE6)	1593.	0.	0.427	1.000	0.	48.54	0.70	35.68	-65.91	-67.88	1.
									-25.00	(BASEBOARDS)	

70SE Perim Zn (G.SE7)	990.	0.	0.265	1.000	0.	30.23	0.70	22.16	-41.05	-51.64	1.
									-25.00 (BASEBOARDS)		
70Core Zn (G.C8)	212.	0.	0.057	1.000	0.	6.59	0.69	4.75	-8.94	-30.71	1.
									-25.00 (BASEBOARDS)		
7179NNW Perim Zn (M.NNW13	1170.	0.	0.313	1.000	0.	35.83	0.70	26.19	-48.64	-56.48	9.
									-25.00 (BASEBOARDS)		
7179West Perim Zn (M.W14)	1520.	0.	0.407	1.000	0.	46.37	0.70	34.03	-62.96	-65.91	9.
									-25.00 (BASEBOARDS)		
7179SW Perim Zn (M.SW15)	449.	0.	0.120	1.000	0.	13.75	0.70	10.05	-18.68	-37.08	9.
									-25.00 (BASEBOARDS)		
7179South Perim Zn (M.S16	1061.	0.	0.284	1.000	0.	32.47	0.70	23.75	-44.08	-53.55	9.
									-25.00 (BASEBOARDS)		
7179NE Perim Zn (M.NE17)	589.	0.	0.158	1.000	0.	18.04	0.70	13.19	-24.49	-40.85	9.
									-25.00 (BASEBOARDS)		
7179ENE Perim Zn (M.ENE18	1593.	0.	0.427	1.000	0.	48.54	0.70	35.68	-65.91	-67.88	9.
									-25.00 (BASEBOARDS)		
7179SE Perim Zn (M.SE19)	990.	0.	0.265	1.000	0.	30.25	0.70	22.16	-41.07	-51.64	9.
									-25.00 (BASEBOARDS)		
8087NNW Perim Zn (M.NNW13	1170.	0.	0.313	1.000	0.	35.83	0.70	26.19	-48.64	-56.48	8.
									-25.00 (BASEBOARDS)		
8087West Perim Zn (M.W14)	1520.	0.	0.407	1.000	0.	46.37	0.70	34.03	-62.96	-65.91	8.
									-25.00 (BASEBOARDS)		
8087SW Perim Zn (M.SW15)	449.	0.	0.120	1.000	0.	13.75	0.70	10.05	-18.68	-37.08	8.
									-25.00 (BASEBOARDS)		
8087South Perim Zn (M.S16	1061.	0.	0.284	1.000	0.	32.47	0.70	23.75	-44.08	-53.55	8.
									-25.00 (BASEBOARDS)		
8087NE Perim Zn (M.NE17)	589.	0.	0.158	1.000	0.	18.04	0.70	13.19	-24.49	-40.85	8.
									-25.00 (BASEBOARDS)		
8087ENE Perim Zn (M.ENE18	1593.	0.	0.427	1.000	0.	48.54	0.70	35.68	-65.91	-67.88	8.
									-25.00 (BASEBOARDS)		
8087SE Perim Zn (M.SE19)	990.	0.	0.265	1.000	0.	30.25	0.70	22.16	-41.07	-51.64	8.
									-25.00 (BASEBOARDS)		
88NNW Perim Zn (T.NNW25)	1170.	0.	0.313	1.000	0.	35.83	0.70	26.19	-48.64	-56.48	1.
									-25.00 (BASEBOARDS)		
88West Perim Zn (T.W26)	1520.	0.	0.407	1.000	0.	46.37	0.70	34.03	-62.96	-65.91	1.
									-25.00 (BASEBOARDS)		
88SW Perim Zn (T.SW27)	449.	0.	0.120	1.000	0.	13.75	0.70	10.05	-18.68	-37.08	1.
									-25.00 (BASEBOARDS)		
88South Perim Zn (T.S28)	1061.	0.	0.284	1.000	0.	32.47	0.70	23.75	-44.08	-53.55	1.
									-25.00 (BASEBOARDS)		
88NE Perim Zn (T.NE29)	589.	0.	0.158	1.000	0.	18.04	0.70	13.19	-24.49	-40.85	1.
									-25.00 (BASEBOARDS)		
88ENE Perim Zn (T.ENE30)	1593.	0.	0.427	1.000	0.	48.54	0.70	35.68	-65.91	-67.88	1.
									-25.00 (BASEBOARDS)		

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REPORT- SV-A System Design Parameters for HP Upper Res WEATHER FILE- New York CityNY TMY2

(CONTINUED)

88SE Perim Zn (T.SE31)	990.	0.	0.265	1.000	0.	30.23	0.70	22.16	-41.05	-51.64	1.
									-25.00	(BASEBOARDS)	
89NNW Perim Zn (G.NNW1)	1083.	0.	0.290	1.000	0.	33.25	0.70	24.24	-45.15	-54.14	2.
									-25.00	(BASEBOARDS)	
89NE Perim Zn (G.NE2)	589.	0.	0.158	1.000	0.	18.09	0.70	13.19	-24.56	-40.85	2.
									-25.00	(BASEBOARDS)	
89ESE Perim Zn (G.ESE3)	825.	0.	0.221	1.000	0.	25.25	0.70	18.46	-34.29	-47.19	2.
									-25.00	(BASEBOARDS)	
89West Perim Zn (G.W4)	1607.	0.	0.431	1.000	0.	49.07	0.70	35.98	-66.62	-68.25	2.
									-25.00	(BASEBOARDS)	
89SW Perim Zn (G.SW5)	449.	0.	0.120	1.000	0.	13.79	0.70	10.05	-18.73	-37.08	2.
									-25.00	(BASEBOARDS)	
89South Perim Zn (G.S6)	1153.	0.	0.309	1.000	0.	35.38	0.70	25.81	-48.03	-56.03	2.
									-25.00	(BASEBOARDS)	
89DBWNW Perim Zn (G.WNW1)	3110.	0.	0.833	1.000	0.	95.87	0.70	69.63	-130.17	-108.97	2.
									-25.00	(BASEBOARDS)	
68Core Zn (G.C7)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
68Core Zn (G.C8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
68Pl Zn (G.11)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
68DBPl Zn (G.2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
69Core Zn (G.C7)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
69Core Zn (G.C8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
69ESE Perim Zn (G.ESE9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
69Pl Zn (G.11)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
70Core Zn (G.C9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
70Core Zn (G.C10)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
70Pl Zn (G.12)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
7179Core Zn (M.C20)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
7179Core Zn (M.C21)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
7179Core Zn (M.C22)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
7179Pl Zn (M.24)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
8087Core Zn (M.C20)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
8087Core Zn (M.C21)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
8087Core Zn (M.C22)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
8087Pl Zn (M.24)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
88Core Zn (T.C32)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
88Core Zn (T.C33)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
88Core Zn (T.C34)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
88Pl Zn (T.36)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
89Core Zn (G.C7)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
89Core Zn (G.C8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
89ESE Perim Zn (G.ESE9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
89Pl Zn (G.11)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
89DBPl Zn (G.2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.

REPORT- SV-A System Design Parameters for AC-SC3-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	311.1	1.	0.700	27.262	0.585	-34.072	0.257	0.257	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	550.	1.00	0.172	0.96	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC3ESE Perim Zn (B.ESE7)	550.	0.	0.000	0.700	385.	0.00	0.00	12.47	-20.79	-10.40	1.

REPORT- SV-A System Design Parameters for AC-SC3-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	483.5	2.	0.000	47.495	0.771	-59.368	0.277	0.277	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1600.	1.00	0.566	1.09	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC3Core Zn (B.C6)	1600.	0.	0.000	0.001	0.	0.00	0.00	36.29	-43.20	-21.60	1.

REPORT- SV-A System Design Parameters for AC-SC3-3 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	396.9	2.	0.700	27.278	0.585	-34.092	0.257	0.257	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	550.	1.00	0.172	0.96	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC3Core Zn (B.C3)	240.	0.	0.000	0.700	168.	0.00	0.00	5.44	-9.07	-4.53	1.
SC3Core Zn (B.C5)	310.	0.	0.000	0.700	217.	0.00	0.00	7.03	-11.72	-5.86	1.

REPORT- SV-A System Design Parameters for AC-SC3-4 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	15940.2	64.	0.600	285.699	0.591	-357.079	0.294	0.294	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	6000.	1.00	2.244	1.16	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC3SSW Perim Zn (B.SSW2)	5868.	0.	0.000	0.600	3521.	0.00	0.00	133.09	-190.14	-95.07	1.
SC3Core Zn (B.C4)	132.	0.	0.000	0.600	79.	0.00	0.00	2.99	-4.26	-2.13	1.
SC3North Perim Zn (B.N1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-SC2-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	946.4	19.	0.540	38.036	0.592	-47.536	0.260	0.260	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	800.	1.00	0.335	1.29	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC2Core Zn (B.C3)	800.	0.	0.000	0.540	432.	0.00	0.00	18.14	-23.33	-11.66	1.

REPORT- SV-A System Design Parameters for AC-SC2-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	4738.5	95.	0.880	217.243	0.578	-271.594	0.273	0.273	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	4000.	1.00	1.208	0.93	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC2SSW Perim Zn (B.SSW7)	1716.	0.	0.000	0.880	1510.	0.00	0.00	38.93	-81.56	-40.78	1.
SC2ESE Perim Zn (B.ESE8)	2284.	0.	0.000	0.880	2010.	0.00	0.00	51.79	-108.52	-54.26	1.

REPORT- SV-A System Design Parameters for AC-C-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	2705.3	54.	0.250	124.478	0.628	-155.597	0.287	0.287	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	3000.	1.00	1.902	1.96	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
CESE Perim Zn (B.ESE8)	3000.	0.	0.000	0.250	750.	0.00	0.00	68.04	-81.00	-40.50	1.

REPORT- SV-A System Design Parameters for AC-C-2 & AC-C-3 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	1410.0	28.	0.800	57.767	0.579	-72.208	0.247	0.247	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1100.	1.00	0.343	0.96	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
CCore Zn (B.C10)	1100.	0.	0.000	0.800	880.	0.00	0.00	24.95	-47.52	-23.76	1.
CWNW Perim Zn (B.WNW6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-1-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	5336.8	107.	1.000	442.218	0.572	-552.773	0.232	0.232	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	7000.	1.00	8.389	3.70	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
GESE Perim Zn (G.ESE11)	2354.	0.	0.000	1.000	2354.	0.00	0.00	53.39	-127.13	-63.56	1.
1MCore Zn (G.C8)	4646.	0.	0.000	1.000	4646.	0.00	0.00	105.37	-250.87	-125.44	1.

REPORT- SV-A System Design Parameters for AC-6-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	70592.2	35.	0.000	422.788	0.757	-528.485	0.277	0.277	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	13800.	1.00	6.679	1.50	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCCore Zn (G.C10)	5090.	0.	0.000	0.001	0.	0.00	0.00	115.45	-137.44	-68.72	1.
6MCCore Zn (G.C8)	8710.	0.	0.000	0.001	0.	0.00	0.00	197.53	-235.16	-117.58	1.
6MCPl Zn (G.11)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
Thermal Zone 555	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-6-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	2836.6	11.	0.500	78.742	0.597	-98.427	0.277	0.277	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1700.	1.00	0.823	1.50	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCWSW Perim Zn (G.WSW1)	1700.	0.	0.000	0.500	850.	0.00	0.00	38.56	-45.90	-22.95	1.

REPORT- SV-A System Design Parameters for AC-7-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	2055.5	8.	0.590	79.776	0.588	-99.721	0.277	0.277	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1650.	1.00	0.799	1.50	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCNorth Perim Zn (G.N2)	1650.	0.	0.000	0.590	974.	0.00	0.00	37.42	-52.57	-26.28	1.

REPORT- SV-A System Design Parameters for AC-7-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	801.8	3.	0.600	75.849	0.592	-94.811	0.262	0.262	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1600.	1.00	0.566	1.09	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCNW Perim Zn (G.NW3)	1600.	0.	0.000	0.600	960.	0.00	0.00	36.29	-51.84	-25.92	1.

REPORT- SV-A System Design Parameters for AC-7-3 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	1936.7	8.	0.000	62.182	0.746	-77.728	0.275	0.275	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	2000.	1.00	0.730	1.13	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCSSW Perim Zn (G.SSW6)	2000.	0.	0.000	0.001	0.	0.00	0.00	45.36	-54.00	-27.00	1.

REPORT- SV-A System Design Parameters for AC-7-4 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	17861.5	103.	1.000	939.301	0.572	-1184.336	0.232	0.230	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	15000.	1.00	16.779	3.46	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCCore Zn (G.C7)	8571.	0.	0.000	1.000	8571.	0.00	0.00	194.38	-462.81	-231.41	1.
8AWSW Perim Zn (G.WSW2)	3427.	0.	0.000	1.000	3427.	0.00	0.00	77.72	-185.04	-92.52	1.
8ACore Zn (G.C4)	493.	0.	0.000	1.000	493.	0.00	0.00	11.17	-26.60	-13.30	1.
8ANNE Perim Zn (G.NNE5)	323.	0.	0.000	1.000	323.	0.00	0.00	7.33	-17.46	-8.73	1.
8ANNE Perim Zn (G.NNE7)	216.	0.	0.000	1.000	216.	0.00	0.00	4.90	-11.67	-5.83	1.
8ASW Perim Zn (G.SW9)	523.	0.	0.000	1.000	523.	0.00	0.00	11.86	-28.24	-14.12	1.
8AESE Perim Zn (G.ESE12)	1448.	0.	0.000	1.000	1448.	0.00	0.00	32.83	-78.18	-39.09	1.
6MC New Zn	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
8ANW Perim Zn (G.NW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
8ANNE Perim Zn (G.NNE3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
8ACore Zn (G.C6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
8ACore Zn (G.C8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
8AWSW Perim Zn (G.WSW10)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
8ASSW Perim Zn (G.SSW11)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-7-5 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	36307.3	145.	1.000	829.562	0.571	-1036.952	0.232	0.232	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	13000.	1.00	16.778	3.99	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCNNE Perim Zn (G.NNE4)	4175.	0.	0.000	1.000	4175.	0.00	0.00	94.69	-225.46	-112.73	1.
10ASSW Perim Zn (G.SSW2)	339.	0.	0.000	1.000	339.	0.00	0.00	7.69	-18.30	-9.15	1.
10AESE Perim Zn (G.ESE4)	1116.	0.	0.000	1.000	1116.	0.00	0.00	25.31	-60.26	-30.13	1.
10ASSW Perim Zn (G.SSW7)	5406.	0.	0.000	1.000	5406.	0.00	0.00	122.61	-291.92	-145.96	1.
10AENE Perim Zn (G.ENE9)	1964.	0.	0.000	1.000	1964.	0.00	0.00	44.55	-106.06	-53.03	1.
6MCESE Perim Zn (G.ESE5)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10AWNW Perim Zn (G.WNW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10ACore Zn (G.C3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10ACore Zn (G.C5)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10AESE Perim Zn (G.ESE6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10APl Zn (G.10)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MWNW Perim Zn (G.WNW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MSSW Perim Zn (G.SSW2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MCore Zn (G.C3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MESE Perim Zn (G.ESE4)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MCore Zn (G.C5)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MESE Perim Zn (G.ESE6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MSSW Perim Zn (G.SSW7)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MNorth Perim Zn (G.N8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MENE Perim Zn (G.ENE9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
6MCCore Zn (G.C9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-9-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	17378.2	70.	0.000	60.483	0.761	-75.604	0.262	0.262	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	2000.	1.00	0.730	1.13	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
8MCNNE Perim Zn (G.NNE1)	2000.	0.	0.000	0.001	0.	0.00	0.00	45.36	-54.00	-27.00	1.
8MCSSW Perim Zn (G.SSW2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCNNE Perim Zn (G.NNE1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCWNW Perim Zn (G.WNW2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCSW Perim Zn (G.SW3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCSSW Perim Zn (G.SSW4)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCWSW Perim Zn (G.WSW5)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCSE Perim Zn (G.SE6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCCore Zn (G.C7)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCCore Zn (G.C8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCCore Zn (G.C9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCCore Zn (G.C10)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11DBWNW Perim Zn (G.WNW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-9-1 (pool) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	3626.4	36.	0.180	383.885	0.657	-479.856	0.232	0.232	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	10000.	1.00	8.000	2.47	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
10ANorth Perim Zn (G.N8)	10000.	0.	0.000	0.180	1800.	0.00	0.00	226.80	-270.00	-135.00	1.

REPORT- SV-A System Design Parameters for AC-27-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	11098.6	46.	0.000	94.008	0.742	-117.510	0.267	0.267	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	3000.	1.00	1.125	1.16	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
27MCCore Zn (G.C1)	106.	0.	0.000	0.001	0.	0.00	0.00	2.40	-2.86	-1.43	1.
27MCCore Zn (G.C2)	108.	0.	0.000	0.001	0.	0.00	0.00	2.45	-2.92	-1.46	1.
27MCCore Zn (G.C3)	137.	0.	0.000	0.001	0.	0.00	0.00	3.11	-3.70	-1.85	1.
27MCCore Zn (G.C4)	102.	0.	0.000	0.001	0.	0.00	0.00	2.32	-2.76	-1.38	1.
27MCCore Zn (G.C5)	384.	0.	0.000	0.001	0.	0.00	0.00	8.71	-10.37	-5.18	1.
27MCEast Perim Zn (G.E6)	580.	0.	0.000	0.001	0.	0.00	0.00	13.15	-15.66	-7.83	1.
27MCESE Perim Zn (G.ESE10	502.	0.	0.000	0.001	0.	0.00	0.00	11.38	-13.55	-6.77	1.
27MCSW Perim Zn (G.SW11)	354.	0.	0.000	0.001	0.	0.00	0.00	8.02	-9.55	-4.78	1.
27MCSSW Perim Zn (G.SSW12	408.	0.	0.000	0.001	0.	0.00	0.00	9.26	-11.02	-5.51	1.
27MCSouth Perim Zn (G.S13	319.	0.	0.000	0.001	0.	0.00	0.00	7.23	-8.61	-4.30	1.
27MCWNW Perim Zn (G.WNW7)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
27MCNNE Perim Zn (G.NNE8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
27MCWNW Perim Zn (G.WNW9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-46-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	17511.2	35.	0.000	91.947	0.754	-114.934	0.267	0.267	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	3000.	1.00	1.125	1.16	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
46MCCore Zn (T.C27)	192.	0.	0.000	0.001	0.	0.00	0.00	4.34	-5.17	-2.59	1.
46MCCore Zn (T.C28)	243.	0.	0.000	0.001	0.	0.00	0.00	5.52	-6.57	-3.29	1.
46MCCore Zn (T.C29)	182.	0.	0.000	0.001	0.	0.00	0.00	4.12	-4.90	-2.45	1.
46MCCore Zn (T.C30)	681.	0.	0.000	0.001	0.	0.00	0.00	15.45	-18.39	-9.20	1.
46MCSSW Perim Zn (T.SSW36	808.	0.	0.000	0.001	0.	0.00	0.00	18.33	-21.82	-10.91	1.
46MCSW Perim Zn (T.SW37)	894.	0.	0.000	0.001	0.	0.00	0.00	20.28	-24.14	-12.07	1.
46MCNNW Perim Zn (T.NNW31	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
46MCNNE Perim Zn (T.NNE32	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
46MCEast Perim Zn (T.E33)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
46MCESE Perim Zn (T.ESE34	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
46MCSouth Perim Zn (T.S35	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
46MCWNW Perim Zn (T.WNW38	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
46MCPl Zn (T.39)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-67-1 & AC-67-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	8211.1	33.	0.500	314.745	0.603	-393.432	0.267	0.267	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	7000.	1.00	2.625	1.16	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
67MCSW Perim Zn (G.SW3)	893.	0.	0.000	0.500	446.	0.00	0.00	20.24	-24.10	-12.05	1.
67MCSSW Perim Zn (G.SSW4)	760.	0.	0.000	0.500	380.	0.00	0.00	17.23	-20.51	-10.26	1.
67MCSSE Perim Zn (G.SSE5)	937.	0.	0.000	0.500	469.	0.00	0.00	21.26	-25.31	-12.65	1.
67MCESE Perim Zn (G.ESE6)	865.	0.	0.000	0.500	432.	0.00	0.00	19.61	-23.35	-11.67	1.
67MCENE Perim Zn (G.ENE7)	1058.	0.	0.000	0.500	529.	0.00	0.00	24.00	-28.58	-14.29	1.
67MCNE Perim Zn (G.NE8)	1227.	0.	0.000	0.500	613.	0.00	0.00	27.82	-33.12	-16.56	1.
67MCCore Zn (G.C9)	186.	0.	0.000	0.500	93.	0.00	0.00	4.22	-5.02	-2.51	1.
67MCCore Zn (G.C10)	236.	0.	0.000	0.500	118.	0.00	0.00	5.35	-6.37	-3.18	1.
67MCCore Zn (G.C11)	576.	0.	0.000	0.500	288.	0.00	0.00	13.07	-15.56	-7.78	1.
67MCCore Zn (G.C12)	262.	0.	0.000	0.500	131.	0.00	0.00	5.95	-7.09	-3.54	1.
67MCNNW Perim Zn (G.NNW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
67MCWest Perim Zn (G.W2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-95-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	4916.5	21.	0.000	163.952	0.765	-204.940	0.264	0.264	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	5500.	1.00	1.265	0.71	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
91West Perim Zn (G.W4)	1563.	0.	0.000	0.001	0.	0.00	0.00	35.46	-42.21	-21.10	1.
91SW Perim Zn (G.SW5)	437.	0.	0.000	0.001	0.	0.00	0.00	9.90	-11.79	-5.90	1.
91South Perim Zn (G.S6)	1121.	0.	0.000	0.001	0.	0.00	0.00	25.44	-30.28	-15.14	1.
91Core Zn (G.C7)	261.	0.	0.000	0.001	0.	0.00	0.00	5.92	-7.05	-3.52	1.
91Core Zn (G.C8)	207.	0.	0.000	0.001	0.	0.00	0.00	4.68	-5.58	-2.79	1.
91Core Zn (G.C9)	290.	0.	0.000	0.001	0.	0.00	0.00	6.57	-7.82	-3.91	1.
91ESE Perim Zn (G.ESE11)	1621.	0.	0.000	0.001	0.	0.00	0.00	36.77	-43.77	-21.89	1.

REPORT- SV-A System Design Parameters for AC-95-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	4498.6	13.	0.000	319.285	0.780	-454.647	0.264	0.232	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	11000.	1.00	2.442	0.69	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
92West Perim Zn (G.W4)	3994.	0.	0.000	0.001	0.	0.00	0.00	90.57	-107.82	-53.91	1.
92South Perim Zn (G.S6)	2865.	0.	0.000	0.001	0.	0.00	0.00	64.98	-77.35	-38.68	1.
92ESE Perim Zn (G.ESE11)	4142.	0.	0.000	0.001	0.	0.00	0.00	93.93	-111.82	-55.91	1.
92SW Perim Zn (G.SW5)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
92Core Zn (G.C9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-96-1 & AC-96-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	14195.9	16.	0.000	695.375	0.782	-869.219	0.235	0.235	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	24000.	1.00	5.856	0.75	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
92Core Zn (G.C7)	739.	0.	0.000	0.001	0.	0.00	0.00	16.75	-19.95	-9.97	1.
92Core Zn (G.C8)	735.	0.	0.000	0.001	0.	0.00	0.00	16.67	-19.84	-9.92	1.
93MERZn	11263.	0.	0.000	0.001	0.	0.00	0.00	255.45	-304.11	-152.05	2.

Extell 221 West 57th St DOE-2.2-47h2 9/17/2015 16:41:03 BDL RUN 4

REPORT- SV-A System Design Parameters for RCS-11-1 (corridor) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	5878.0	6.	1.000	199.606	0.528	-159.685	0.250	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	3000.	1.00	2.796	2.88	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
1519Core Zn (M.C19)	333.	0.	0.000	1.000	333.	0.00	0.00	7.56	0.00	-1.80	5.
1519Core Zn (G.C5)	333.	0.	0.000	1.000	333.	0.00	0.00	7.56	0.00	5.40	3.
1519Core Zn (T.C33)	333.	0.	0.000	1.000	333.	0.00	0.00	7.56	0.00	5.40	1.

Extell 221 West 57th St DOE-2.2-47h2 9/17/2015 16:41:03 BDL RUN 4

REPORT- SV-A System Design Parameters for RCS-26-1 (corridor) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	4571.8	5.	1.000	202.585	0.520	-162.068	0.250	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	3000.	1.00	2.796	2.88	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
2026Core Zn (G.C5)	429.	0.	0.000	1.000	429.	0.00	0.00	9.72	0.00	-2.31	1.
2026Core Zn (M.C19)	429.	0.	0.000	1.000	429.	0.00	0.00	9.72	0.00	6.94	5.
2026Core Zn (T.C33)	429.	0.	0.000	1.000	429.	0.00	0.00	9.72	0.00	6.94	1.

REPORT- SV-A System Design Parameters for RCS-26-2 (corridor) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	11756.0	12.	1.000	202.585	0.520	-162.068	0.250	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	3000.	1.00	2.796	2.88	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
28Core Zn (G.C4)	167.	0.	0.000	1.000	167.	0.00	0.00	3.78	0.00	-0.90	1.
2936Core Zn (M.C17)	167.	0.	0.000	1.000	167.	0.00	0.00	3.78	0.00	2.70	8.
3744Core Zn (M.C17)	167.	0.	0.000	1.000	167.	0.00	0.00	3.78	0.00	2.70	8.
45Core Zn (T.C30)	167.	0.	0.000	1.000	167.	0.00	0.00	3.78	0.00	2.70	1.

REPORT- SV-A System Design Parameters for RCS-45-1 (corridor) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	10808.6	11.	1.000	253.231	0.520	-202.585	0.250	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	3750.	1.00	3.495	2.88	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
4856Core Zn (M.C25)	197.	0.	0.000	1.000	197.	0.00	0.00	4.48	0.00	-1.07	9.
5765Core Zn (M.C25)	197.	0.	0.000	1.000	197.	0.00	0.00	4.48	0.00	3.20	9.
66Core Zn (T.C38)	197.	0.	0.000	1.000	197.	0.00	0.00	4.48	0.00	3.20	1.

REPORT- SV-A System Design Parameters for RCS-92-1 (corridor) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	15364.7	45.	1.000	270.113	0.520	-216.091	0.250	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	4000.	1.00	3.728	2.88	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
8087Core Zn (M.C23)	148.	0.	0.000	1.000	148.	0.00	0.00	3.36	0.00	-0.80	8.
68Core Zn (G.C10)	148.	0.	0.000	1.000	148.	0.00	0.00	3.36	0.00	2.40	1.
69Core Zn (G.C10)	148.	0.	0.000	1.000	148.	0.00	0.00	3.36	0.00	2.40	1.
70Core Zn (G.C11)	148.	0.	0.000	1.000	148.	0.00	0.00	3.36	0.00	2.40	1.
7179Core Zn (M.C23)	148.	0.	0.000	1.000	148.	0.00	0.00	3.36	0.00	2.40	9.
88Core Zn (T.C35)	148.	0.	0.000	1.000	148.	0.00	0.00	3.36	0.00	2.40	1.
89Core Zn (G.C10)	148.	0.	0.000	1.000	148.	0.00	0.00	3.36	0.00	2.40	2.
90Core Zn (G.C10)	148.	0.	0.000	1.000	148.	0.00	0.00	3.36	0.00	2.40	2.
91Core Zn (G.C10)	148.	0.	0.000	1.000	148.	0.00	0.00	3.36	0.00	2.40	1.
92Core Zn (G.C10)	148.	0.	0.000	1.000	148.	0.00	0.00	3.36	0.00	2.40	1.

Extell 221 West 57th St DOE-2.2-47h2 9/17/2015 16:41:03 BDL RUN 4

REPORT- SV-A System Design Parameters for ERU-11-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	10000.0	0.	1.000	1026.362	0.518	-584.616	0.178	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	14500.	1.00	19.691	4.20	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30
RETURN	14500.	1.00	1.160	0.25	0.0	0.00	0.00	RETURN	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
ERU-11-1 Zn	14500.	0.	0.000	1.000	14500.	0.00	0.00	328.86	0.00	-234.90	1.

Extell 221 West 57th St DOE-2.2-47h2 9/17/2015 16:41:03 BDL RUN 4

REPORT- SV-A System Design Parameters for ERU-27-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	10000.0	0.	1.000	724.543	0.518	-412.700	0.178	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	10000.	1.00	15.810	4.89	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30
RETURN	10000.	1.00	0.800	0.25	0.0	0.00	0.00	RETURN	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
ERU-27-1 Zn	10000.	0.	0.000	1.000	10000.	0.00	0.00	226.80	0.00	-162.00	1.

REPORT- SV-A System Design Parameters for ERU-27-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	10000.0	0.	1.000	724.543	0.518	-412.700	0.178	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	10000.	1.00	15.810	4.89	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30
RETURN	10000.	1.00	0.800	0.25	0.0	0.00	0.00	RETURN	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
ERU-27-2 Zn	10000.	0.	0.000	1.000	10000.	0.00	0.00	226.80	0.00	-162.00	1.

Extell 221 West 57th St DOE-2.2-47h2 9/17/2015 16:41:03 BDL RUN 4

REPORT- SV-A System Design Parameters for ERU-46-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	10000.0	0.	1.000	724.543	0.518	-412.700	0.178	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	10000.	1.00	15.810	4.89	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30
RETURN	10000.	1.00	0.900	0.28	0.0	0.00	0.00	RETURN	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
ERU-46-1 Zn	10000.	0.	0.000	1.000	10000.	0.00	0.00	226.80	0.00	-162.00	1.

REPORT- SV-A System Design Parameters for ERU-46-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	10000.0	0.	1.000	861.297	0.518	-490.595	0.178	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	12000.	1.00	17.880	4.60	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30
RETURN	12000.	1.00	1.080	0.28	0.0	0.00	0.00	RETURN	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
ERU-46-2 Zn	12000.	0.	0.000	1.000	12000.	0.00	0.00	272.16	0.00	-194.40	1.

Extell 221 West 57th St DOE-2.2-47h2 9/17/2015 16:41:03 BDL RUN 4

REPORT- SV-A System Design Parameters for ERU-67-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	10000.0	0.	1.000	861.297	0.518	-490.595	0.178	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	12000.	1.00	17.880	4.60	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30
RETURN	12000.	1.00	1.080	0.28	0.0	0.00	0.00	RETURN	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
ERU-67-1 Zn	12000.	0.	0.000	1.000	12000.	0.00	0.00	272.16	0.00	-194.40	1.

Extell 221 West 57th St DOE-2.2-47h2 9/17/2015 16:41:03 BDL RUN 4

REPORT- SV-A System Design Parameters for ERU-67-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	10000.0	0.	1.000	861.297	0.518	-490.595	0.178	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	12000.	1.00	17.880	4.60	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30
RETURN	12000.	1.00	1.080	0.28	0.0	0.00	0.00	RETURN	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
ERU-67-2 Zn	12000.	0.	0.000	1.000	12000.	0.00	0.00	272.16	0.00	-194.40	1.

Extell 221 West 57th St DOE-2.2-47h2 9/17/2015 16:41:03 BDL RUN 4

REPORT- SV-A System Design Parameters for ERU-91-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	10000.0	0.	1.000	861.297	0.518	-490.595	0.178	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	12000.	1.00	17.880	4.60	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30
RETURN	12000.	1.00	1.080	0.28	0.0	0.00	0.00	RETURN	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
ERU-91-1 Zn	12000.	0.	0.000	1.000	12000.	0.00	0.00	272.16	0.00	-194.40	1.

REPORT- SV-A System Design Parameters for Penthouse Fan Coil WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
FC	1.000	43345.2	16.	0.000	0.000	0.000	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	16404.	0.00	0.000	0.22	0.0	0.00	0.00	BLOW-THRU	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
90NNW Perim Zn (G.NNW1)	1083.	0.	0.076	1.000	0.	36.01	0.71	24.28	-50.74	-40.84	2.
90NE Perim Zn (G.NE2)	589.	0.	0.041	1.000	0.	19.57	0.71	13.21	-27.60	-22.22	2.
90ESE Perim Zn (G.ESE3)	825.	0.	0.058	1.000	0.	27.40	0.71	18.49	-38.64	-31.10	2.
90West Perim Zn (G.W4)	1607.	0.	0.112	1.000	0.	53.27	0.71	36.03	-75.30	-60.62	2.
90SW Perim Zn (G.SW5)	449.	0.	0.031	1.000	0.	14.92	0.71	10.07	-21.04	-16.93	2.
90South Perim Zn (G.S6)	1153.	0.	0.081	1.000	0.	38.31	0.71	25.85	-54.02	-43.49	2.
91NNW Perim Zn (G.NNW1)	1083.	0.	0.076	1.000	0.	35.92	0.71	24.28	-50.74	-40.84	1.
91NE Perim Zn (G.NE2)	589.	0.	0.041	1.000	0.	19.57	0.71	13.21	-27.60	-22.22	1.
91Core Zn (G.C3)	825.	0.	0.058	1.000	0.	27.23	0.71	18.49	-38.64	-31.10	1.
92NNW Perim Zn (G.NNW1)	1083.	0.	0.076	1.000	0.	35.92	0.71	24.28	-50.74	-40.84	1.
92NE Perim Zn (G.NE2)	589.	0.	0.041	1.000	0.	19.57	0.71	13.21	-27.60	-22.22	1.
92Core Zn (G.C3)	825.	0.	0.058	1.000	0.	27.23	0.71	18.49	-38.64	-31.10	1.
90Core Zn (G.C7)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
90Core Zn (G.C8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
90ESE Perim Zn (G.ESE9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
90Pl Zn (G.11)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
91Pl Zn (G.12)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
92Pl Zn (G.12)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

```
16.312439**********  0.500614  0.005883  0.000216 -0.019132  0.000224  0.001061
X, Y, and Z: 90.000000 23.000000  6.627893 MMDDHH:   1  22   4
CURINV: Result out of limits for CURVE:
```

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16.312439**********  0.500614  0.005883  0.000216 -0.019132  0.000224  0.001061
X, Y, and Z: 90.000000 23.000000  6.627893 MMDDHH:   1  22   4
CURINV: Result out of limits for CURVE:
```

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13.591698**********  0.500614  0.005883  0.000216 -0.019132  0.000224  0.001061
X, Y, and Z: 90.000000 26.000000  6.747254 MMDDHH:   2  12  23
CURINV: Result out of limits for CURVE:
```

NUMBER OF SPACES 529 EXTERIOR 334 INTERIOR 195

SPACE	SPACE*FLOOR MULTIPLIER	SPACE TYPE	AZIM	LIGHTS (WATT / SQFT)	PEOPLE	EQUIP (WATT / SQFT)	INFILTRATION METHOD	ACH	AREA (SQFT)	VOLUME (CUFT)
Spaces on floor: SC3Below-Grade Flr										
SC3North Perim Spc (B.N1)	1.0	INT	90.0	0.88	31.5	0.25	NO-INFILT.	0.00	7871.5	78714.5
SC3SSW Perim Spc (B.SSW2)	1.0	INT	0.0	0.88	31.6	0.25	NO-INFILT.	0.00	7891.8	78917.5
SC3Core Spc (B.C3)	1.0	INT	0.0	0.88	0.7	0.25	NO-INFILT.	0.00	173.1	1731.3
SC3Core Spc (B.C4)	1.0	INT	0.0	0.88	0.7	0.25	NO-INFILT.	0.00	177.0	1770.0
SC3Core Spc (B.C5)	1.0	INT	0.0	0.88	0.9	0.25	NO-INFILT.	0.00	223.8	2237.5
SC3Core Spc (B.C6)	1.0	INT	0.0	0.88	1.9	0.25	NO-INFILT.	0.00	483.5	4835.0
SC3ESE Perim Spc (B.ESE7)	1.0	INT	-90.0	0.88	1.2	0.25	NO-INFILT.	0.00	311.1	3111.3
Spaces on floor: SC2Below-Grade Flr										
SC2WNW Perim Spc (B.WNW1)	1.0	INT	90.0	1.70	38.9	1.00	NO-INFILT.	0.00	1944.0	27216.0
SC2NNE Perim Spc (B.NNE2)	1.0	INT	45.0	1.70	51.8	1.00	NO-INFILT.	0.00	2589.4	36251.9
SC2Core Spc (B.C3)	1.0	INT	0.0	1.70	18.9	1.00	NO-INFILT.	0.00	946.4	13249.6
SC2Core Spc (B.C4)	1.0	INT	0.0	1.70	147.8	1.00	NO-INFILT.	0.00	7390.9	103472.1
SC2SW Perim Spc (B.SW5)	1.0	INT	0.0	1.70	19.7	1.00	NO-INFILT.	0.00	984.0	13776.0
SC2WNW Perim Spc (B.WNW6)	1.0	INT	90.0	1.70	6.7	1.00	NO-INFILT.	0.00	333.8	4672.5
SC2SSW Perim Spc (B.SSW7)	1.0	INT	0.0	0.88	40.7	0.25	NO-INFILT.	0.00	2033.3	28465.5
SC2ESE Perim Spc (B.ESE8)	1.0	INT	-90.0	0.88	54.1	0.25	NO-INFILT.	0.00	2705.3	37873.5
SC2Core Spc (B.C9)	1.0	INT	0.0	1.70	173.1	1.00	NO-INFILT.	0.00	8653.2	121145.0
SC2Core Spc (B.C10)	1.0	INT	0.0	1.70	21.5	1.00	NO-INFILT.	0.00	1076.2	15067.0
SC2Core Spc (B.C11)	1.0	INT	0.0	1.00	114.7	0.25	NO-INFILT.	0.00	5737.3	80322.0
Spaces on floor: SC1Below-Grade Flr										
SC1WNW Perim Spc (B.WNW1)	1.0	INT	90.0	1.70	38.9	1.00	NO-INFILT.	0.00	1944.0	34020.0
SC1NNE Perim Spc (B.NNE2)	1.0	INT	45.0	1.70	51.8	1.00	NO-INFILT.	0.00	2589.4	45314.9
SC1Core Spc (B.C3)	1.0	INT	0.0	1.70	18.9	1.00	NO-INFILT.	0.00	946.4	16562.0
SC1Core Spc (B.C4)	1.0	INT	0.0	1.70	147.8	1.00	NO-INFILT.	0.00	7390.9	129340.1
SC1SW Perim Spc (B.SW5)	1.0	INT	0.0	1.70	19.7	1.00	NO-INFILT.	0.00	984.0	17220.0
SC1WNW Perim Spc (B.WNW6)	1.0	INT	90.0	1.70	6.7	1.00	NO-INFILT.	0.00	333.8	5840.6
SC1SSW Perim Spc (B.SSW7)	1.0	INT	0.0	1.70	40.7	1.00	NO-INFILT.	0.00	2033.3	35581.9
SC1ESE Perim Spc (B.ESE8)	1.0	INT	-90.0	0.88	54.1	0.25	NO-INFILT.	0.00	2705.3	47341.9
SC1Core Spc (B.C9)	1.0	INT	0.0	1.70	173.1	1.00	NO-INFILT.	0.00	8653.2	151431.2
SC1Core Spc (B.C10)	1.0	INT	0.0	1.70	21.5	1.00	NO-INFILT.	0.00	1076.2	18833.8
SC1Core Spc (B.C11)	1.0	INT	0.0	1.70	114.7	1.00	NO-INFILT.	0.00	5737.3	100402.5
Spaces on floor: CBelow-Grade Flr										
CWNW Perim Spc (B.WNW1)	1.0	INT	90.0	1.70	38.9	1.00	NO-INFILT.	0.00	1944.0	34020.0
CNNE Perim Spc (B.NNE2)	1.0	INT	45.0	1.70	51.8	1.00	NO-INFILT.	0.00	2589.4	45314.9
CCore Spc (B.C3)	1.0	INT	0.0	1.70	18.9	1.00	NO-INFILT.	0.00	946.4	16562.0
CCore Spc (B.C4)	1.0	INT	0.0	1.70	147.8	1.00	NO-INFILT.	0.00	7390.9	129340.1
CSW Perim Spc (B.SW5)	1.0	INT	0.0	1.70	19.7	1.00	NO-INFILT.	0.00	984.0	17220.0
CWNW Perim Spc (B.WNW6)	1.0	INT	90.0	1.70	6.7	1.00	NO-INFILT.	0.00	333.8	5840.6

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CSSW Perim Spc (B.SSW7)	1.0	INT	0.0	1.70	40.7	1.00	NO-INFILT.	0.00	2033.3	35581.9
CESE Perim Spc (B.ESE8)	1.0	INT	-90.0	0.88	54.1	0.25	NO-INFILT.	0.00	2705.3	47341.9
CCore Spc (B.C9)	1.0	INT	0.0	1.70	173.1	1.00	NO-INFILT.	0.00	8653.2	151431.2
CCore Spc (B.C10)	1.0	INT	0.0	1.70	21.5	1.00	NO-INFILT.	0.00	1076.2	18833.8
CCore Spc (B.C11)	1.0	INT	0.0	1.70	114.7	1.00	NO-INFILT.	0.00	5737.3	100402.5
Spaces on floor: GGround Flr										
GNW Perim Spc (G.NW1)	1.0	EXT	90.0	1.70	18.9	1.00	AIR-CHANGE	0.20	946.4	14196.0
GNW Perim Spc (G.NW2)	1.0	EXT	45.0	0.88	53.7	0.25	AIR-CHANGE	0.04	2684.9	40273.1
GNNE Perim Spc (G.NNE3)	1.0	EXT	33.3	1.70	24.6	1.00	AIR-CHANGE	0.16	1231.5	18472.2
GSSW Perim Spc (G.SSW4)	1.0	EXT	0.0	1.70	7.3	1.00	AIR-CHANGE	0.15	367.5	5512.5
GWest Perim Spc (G.W5)	1.0	EXT	90.0	1.70	16.8	1.00	AIR-CHANGE	0.11	837.8	12566.3
GEast Perim Spc (G.E6)	1.0	EXT	135.0	1.70	18.3	1.00	AIR-CHANGE	0.15	917.2	13757.5
GNNE Perim Spc (G.NNE7)	1.0	EXT	180.0	1.70	63.8	1.00	AIR-CHANGE	0.04	3191.1	47866.2
GWest Perim Spc (G.W8)	1.0	EXT	66.6	1.70	9.8	1.00	AIR-CHANGE	0.23	488.1	7321.6
GSSW Perim Spc (G.SSW9)	1.0	EXT	0.0	1.70	20.0	1.00	AIR-CHANGE	0.16	998.6	14979.4
GESE Perim Spc (G.ESE10)	1.0	EXT	-90.0	1.70	9.0	1.00	AIR-CHANGE	0.11	449.1	6736.8
GESE Perim Spc (G.ESE11)	1.0	EXT	0.0	1.70	46.1	1.00	AIR-CHANGE	0.13	2304.7	34571.2
GSSW Perim Spc (G.SSW12)	1.0	EXT	0.0	1.70	37.4	1.00	AIR-CHANGE	0.17	1871.3	28068.8
GCore Spc (G.C13)	1.0	INT	0.0	1.70	62.9	1.00	AIR-CHANGE	0.00	3143.8	47157.0
GCore Spc (G.C14)	1.0	INT	0.0	1.70	11.6	1.00	AIR-CHANGE	0.00	581.2	8717.6
GNNE Perim Spc (G.NNE15)	1.0	EXT	-90.0	1.70	43.7	1.00	AIR-CHANGE	0.08	2182.5	32737.5
GCore Spc (G.C16)	1.0	INT	0.0	1.70	87.5	1.00	AIR-CHANGE	0.00	4376.0	65640.7
GCore Spc (G.C17)	1.0	INT	0.0	1.70	152.4	1.00	AIR-CHANGE	0.00	7621.7	114325.0
GPlnm (G.18)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.06	34193.8	68387.5
Spaces on floor: 1MGround Flr										
1MNW Perim Spc (G.NW1)	1.0	EXT	90.0	1.70	20.3	1.00	AIR-CHANGE	0.19	1014.0	8112.0
1MNorth Perim Spc (G.N2)	1.0	EXT	180.0	1.70	42.1	1.00	AIR-CHANGE	0.15	2105.3	16842.0
1MSW Perim Spc (G.SW3)	1.0	EXT	66.6	1.70	30.1	1.00	AIR-CHANGE	0.18	1506.9	12055.1
1MSW Perim Spc (G.SW4)	1.0	EXT	90.0	1.70	22.7	1.00	AIR-CHANGE	0.12	1134.8	9078.0
1MSSW Perim Spc (G.SSW5)	1.0	EXT	0.0	1.70	45.0	1.00	AIR-CHANGE	0.17	2247.8	17982.0
1MNNE Perim Spc (G.NNE6)	1.0	EXT	180.0	1.70	44.2	1.00	AIR-CHANGE	0.16	2210.3	17682.0
1MESE Perim Spc (G.ESE7)	1.0	EXT	135.0	1.70	54.1	1.00	AIR-CHANGE	0.16	2704.8	21638.4
1MCore Spc (G.C8)	1.0	INT	0.0	0.88	60.6	0.25	AIR-CHANGE	0.01	3032.1	24256.5
1MCore Spc (G.C9)	1.0	INT	0.0	1.70	28.0	1.00	AIR-CHANGE	0.01	1399.3	11194.6
1MCore Spc (G.C10)	1.0	INT	0.0	0.88	88.4	0.25	AIR-CHANGE	0.01	4420.3	35362.6
1MCore Spc (G.C11)	1.0	INT	0.0	1.70	287.0	1.00	AIR-CHANGE	0.01	14350.5	114804.3
Spaces on floor: 25Ground Flr										
25NW Perim Spc (G.NW1)	1.0	EXT	90.0	1.70	20.3	1.00	AIR-CHANGE	0.19	1014.0	17745.0
25North Perim Spc (G.N2)	1.0	EXT	180.0	1.70	42.1	1.00	AIR-CHANGE	0.15	2105.3	36841.9
25SSW Perim Spc (G.SSW3)	1.0	EXT	0.0	1.70	7.3	1.00	AIR-CHANGE	0.15	367.5	6431.3
25West Perim Spc (G.W4)	1.0	EXT	90.0	1.70	16.8	1.00	AIR-CHANGE	0.11	837.8	14660.6
25SSW Perim Spc (G.SSW5)	1.0	EXT	0.0	1.70	44.0	1.00	AIR-CHANGE	0.18	2197.5	38456.3
25Core Spc (G.C6)	1.0	INT	0.0	1.70	115.6	1.00	AIR-CHANGE	0.00	5780.4	101157.4
25West Perim Spc (G.W7)	1.0	EXT	66.6	1.70	9.8	1.00	AIR-CHANGE	0.23	488.1	8541.8
25SSW Perim Spc (G.SSW8)	1.0	EXT	0.0	1.70	20.0	1.00	AIR-CHANGE	0.16	998.6	17475.9
25ESE Perim Spc (G.ESE9)	1.0	EXT	135.0	1.70	29.8	1.00	AIR-CHANGE	0.16	1491.1	26094.6
25ESE Perim Spc (G.ESE10)	1.0	EXT	-90.0	1.70	24.3	1.00	AIR-CHANGE	0.17	1214.3	21249.4
25NNE Perim Spc (G.NNE11)	1.0	EXT	90.0	1.70	32.6	1.00	AIR-CHANGE	0.15	1631.3	28546.9
25NNE Perim Spc (G.NNE12)	1.0	EXT	180.0	1.70	11.6	1.00	AIR-CHANGE	0.18	579.0	10132.5
25Core Spc (G.C13)	1.0	INT	0.0	1.70	23.2	1.00	AIR-CHANGE	0.00	1161.6	20327.7
25Core Spc (G.C14)	1.0	INT	0.0	1.70	33.9	1.00	AIR-CHANGE	0.00	1696.5	29688.8

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25Core Spc (G.C15)	1.0	INT	0.0	1.70	187.0	1.00	AIR-CHANGE	0.00	9348.3	163594.4
25Core Spc (G.C16)	1.0	INT	0.0	1.70	104.3	1.00	AIR-CHANGE	0.00	5215.5	91270.9
Spaces on floor: 25Mid Flrs										
25NW Perim Spc (M.NW17)	2.0	EXT	90.0	1.70	20.3	1.00	AIR-CHANGE	0.19	1014.0	17745.0
25North Perim Spc (M.N18)	2.0	EXT	180.0	1.70	42.1	1.00	AIR-CHANGE	0.15	2105.3	36841.9
25SSW Perim Spc (M.SSW19)	2.0	EXT	0.0	1.70	7.3	1.00	AIR-CHANGE	0.15	367.5	6431.3
25West Perim Spc (M.W20)	2.0	EXT	90.0	1.70	16.8	1.00	AIR-CHANGE	0.11	837.8	14660.6
25SSW Perim Spc (M.SSW21)	2.0	EXT	0.0	1.70	44.0	1.00	AIR-CHANGE	0.18	2197.5	38456.3
25Core Spc (M.C22)	2.0	INT	0.0	1.70	115.6	1.00	AIR-CHANGE	0.00	5780.4	101157.4
25West Perim Spc (M.W23)	2.0	EXT	66.6	1.70	9.8	1.00	AIR-CHANGE	0.23	488.1	8541.8
25SSW Perim Spc (M.SSW24)	2.0	EXT	0.0	1.70	20.0	1.00	AIR-CHANGE	0.16	998.6	17475.9
25ESE Perim Spc (M.ESE25)	2.0	EXT	135.0	1.70	29.8	1.00	AIR-CHANGE	0.16	1491.1	26094.6
25ESE Perim Spc (M.ESE26)	2.0	EXT	-90.0	1.70	24.3	1.00	AIR-CHANGE	0.17	1214.3	21249.4
25NNE Perim Spc (M.NNE27)	2.0	EXT	90.0	1.70	32.6	1.00	AIR-CHANGE	0.15	1631.3	28546.9
25NNE Perim Spc (M.NNE28)	2.0	EXT	180.0	1.70	11.6	1.00	AIR-CHANGE	0.18	579.0	10132.5
25Core Spc (M.C29)	2.0	INT	0.0	1.70	23.2	1.00	AIR-CHANGE	0.00	1161.6	20327.7
25Core Spc (M.C30)	2.0	INT	0.0	1.70	33.9	1.00	AIR-CHANGE	0.00	1696.5	29688.8
25Core Spc (M.C31)	2.0	INT	0.0	1.70	187.0	1.00	AIR-CHANGE	0.00	9348.3	163594.4
25Core Spc (M.C32)	2.0	INT	0.0	1.70	104.3	1.00	AIR-CHANGE	0.00	5215.5	91270.9
Spaces on floor: 25Top Flr										
25NW Perim Spc (T.NW33)	1.0	EXT	90.0	1.70	20.3	1.00	AIR-CHANGE	0.19	1014.0	17745.0
25North Perim Spc (T.N34)	1.0	EXT	180.0	1.70	42.1	1.00	AIR-CHANGE	0.15	2105.3	36841.9
25SSW Perim Spc (T.SSW35)	1.0	EXT	0.0	1.70	7.3	1.00	AIR-CHANGE	0.15	367.5	6431.3
25West Perim Spc (T.W36)	1.0	EXT	90.0	1.70	16.8	1.00	AIR-CHANGE	0.11	837.8	14660.6
25SSW Perim Spc (T.SSW37)	1.0	EXT	0.0	1.70	44.0	1.00	AIR-CHANGE	0.18	2197.5	38456.3
25Core Spc (T.C38)	1.0	INT	0.0	1.70	115.6	1.00	AIR-CHANGE	0.00	5780.4	101157.4
25West Perim Spc (T.W39)	1.0	EXT	66.6	1.70	9.8	1.00	AIR-CHANGE	0.23	488.1	8541.8
25SSW Perim Spc (T.SSW40)	1.0	EXT	0.0	1.70	20.0	1.00	AIR-CHANGE	0.16	998.6	17475.9
25ESE Perim Spc (T.ESE41)	1.0	EXT	135.0	1.70	29.8	1.00	AIR-CHANGE	0.16	1491.1	26094.6
25ESE Perim Spc (T.ESE42)	1.0	EXT	-90.0	1.70	24.3	1.00	AIR-CHANGE	0.17	1214.3	21249.4
25NNE Perim Spc (T.NNE43)	1.0	EXT	90.0	1.70	32.6	1.00	AIR-CHANGE	0.15	1631.3	28546.9
25NNE Perim Spc (T.NNE44)	1.0	EXT	180.0	1.70	11.6	1.00	AIR-CHANGE	0.18	579.0	10132.5
25Core Spc (T.C45)	1.0	INT	0.0	1.70	23.2	1.00	AIR-CHANGE	0.00	1161.6	20327.7
25Core Spc (T.C46)	1.0	INT	0.0	1.70	33.9	1.00	AIR-CHANGE	0.00	1696.5	29688.8
25Core Spc (T.C47)	1.0	INT	0.0	1.70	187.0	1.00	AIR-CHANGE	0.00	9348.3	163594.4
25Core Spc (T.C48)	1.0	INT	0.0	1.70	104.3	1.00	AIR-CHANGE	0.00	5215.5	91270.9
Spaces on floor: 6MCGround Flr										
6MCWSW Perim Spc (G.WSW1)	1.0	EXT	66.6	0.88	11.3	0.25	AIR-CHANGE	0.18	2836.6	102119.2
6MCNorth Perim Spc (G.N2)	1.0	EXT	33.3	0.88	8.2	0.25	AIR-CHANGE	0.16	2055.5	73998.7
6MCNW Perim Spc (G.NW3)	1.0	EXT	90.0	0.88	3.2	0.25	AIR-CHANGE	0.22	801.8	28863.0
6MCNNE Perim Spc (G.NNE4)	1.0	EXT	180.0	0.88	8.8	0.25	AIR-CHANGE	0.18	2210.3	79569.0
6MCESE Perim Spc (G.ESE5)	1.0	EXT	-90.0	0.88	9.3	0.25	AIR-CHANGE	0.19	2323.9	83659.5
6MCSSW Perim Spc (G.SSW6)	1.0	EXT	0.0	0.88	7.7	0.25	AIR-CHANGE	0.19	1936.7	69722.0
6MCCore Spc (G.C7)	1.0	INT	0.0	0.88	33.0	0.25	AIR-CHANGE	0.00	8247.1	296895.3
6MCCore Spc (G.C8)	1.0	INT	0.0	0.88	19.5	0.25	AIR-CHANGE	0.00	4872.1	175394.6
6MCCore Spc (G.C9)	1.0	INT	0.0	0.88	11.8	0.25	AIR-CHANGE	0.00	2937.6	105755.0
6MCCore Spc (G.C10)	1.0	INT	0.0	0.88	15.2	0.25	AIR-CHANGE	0.00	3796.7	136681.6
6MCPlnm (G.11)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.06	32018.6	64037.2
6MC Top Spc	1.0	EXT	0.0	0.88	2.9	0.25	NO-INFILT.	0.00	2916.0	58320.0
Roof Spc (6MC)	1.0	EXT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	29904.8	598095.7
Spaces on floor: 8AGround Flr (rev: amen 8 + 9)										
8ANW Perim Spc (G.NW1)	1.0	EXT	90.0	0.70	4.5	0.27	AIR-CHANGE	0.22	451.4	10833.4

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8AWSW Perim Spc (G.WSW2)	1.0	EXT	0.0	0.70	33.0	0.27	AIR-CHANGE	0.13	3297.3	79136.0	
8ANNE Perim Spc (G.NNE3)	1.0	EXT	90.0	0.70	2.1	0.27	AIR-CHANGE	0.09	205.4	4929.6	
8ACore Spc (G.C4)	1.0	INT	0.0	0.70	4.7	0.27	AIR-CHANGE	0.00	474.0	11376.5	
8ANNE Perim Spc (G.NNE5)	1.0	EXT	90.0	0.70	3.0	0.27	AIR-CHANGE	0.14	298.3	7159.2	
8ACore Spc (G.C6)	1.0	INT	0.0	0.70	1.8	0.27	AIR-CHANGE	0.00	179.8	4314.6	
8ANNE Perim Spc (G.NNE7)	1.0	EXT	90.0	0.70	2.1	0.27	AIR-CHANGE	0.12	207.9	4989.6	
8ACore Spc (G.C8)	1.0	INT	0.0	0.00	1.8	0.00	AIR-CHANGE	0.00	183.6	4406.4	
8ASW Perim Spc (G.SW9)	1.0	EXT	90.0	0.70	5.0	0.27	AIR-CHANGE	0.09	503.2	12077.9	
8AWSW Perim Spc (G.WSW10)	1.0	EXT	0.0	0.00	2.3	0.00	AIR-CHANGE	0.30	233.3	5599.8	
8ASSW Perim Spc (G.SSW11)	1.0	EXT	0.0	0.00	3.2	0.00	AIR-CHANGE	0.07	324.0	7775.5	
8AESE Perim Spc (G.ESE12)	1.0	EXT	-90.0	0.00	3.4	0.27	AIR-CHANGE	0.53	340.1	8162.9	
Spaces on floor: 8MAGround Flr (rev: amen mz 8+9)											
8MANNE Perim Spc (G.NNE1)	1.0	EXT	90.0	0.70	2.8	0.27	AIR-CHANGE	0.50	706.0	14119.0	
8MASSW Perim Spc (G.SSW2)	1.0	EXT	0.0	0.70	13.7	0.27	AIR-CHANGE	0.28	3416.3	68326.0	
Spaces on floor: 10AGround Flr											
10AWNW Perim Spc (G.WNW1)	1.0	EXT	90.0	0.70	11.7	0.27	AIR-CHANGE	0.07	1165.7	16319.2	
10ASSW Perim Spc (G.SSW2)	1.0	EXT	0.0	0.00	1.2	0.27	AIR-CHANGE	0.63	121.4	1699.4	
10ACore Spc (G.C3)	1.0	INT	0.0	0.00	1.8	0.27	AIR-CHANGE	0.00	183.6	2570.4	
10AESE Perim Spc (G.ESE4)	1.0	EXT	-90.0	0.70	6.5	0.27	AIR-CHANGE	0.05	653.1	9143.5	
10ACore Spc (G.C5)	1.0	INT	0.0	0.00	2.3	0.27	AIR-CHANGE	0.00	233.3	3266.6	
10AESE Perim Spc (G.ESE6)	1.0	EXT	-90.0	0.00	1.7	0.27	AIR-CHANGE	0.24	174.1	2437.6	
10ASSW Perim Spc (G.SSW7)	1.0	EXT	0.0	0.70	31.6	0.27	AIR-CHANGE	0.12	3163.8	44292.9	
10ANorth Perim Spc (G.N8)	1.0	EXT	90.0	0.70	36.3	0.27	AIR-CHANGE	0.10	3626.4	50769.0	
10AENE Perim Spc (G.ENE9)	1.0	EXT	180.0	0.70	15.0	0.27	AIR-CHANGE	0.12	1499.3	20990.4	
10APlnm (G.10)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.11	10820.6	450896.3	
Spaces on floor: 10MGround Flr (rev: 11BMU)											
10MWNW Perim Spc (G.WNW1)	1.0	EXT	90.0	0.00	4.7	0.00	AIR-CHANGE	0.07	1165.7	67993.0	
10MSSW Perim Spc (G.SSW2)	1.0	EXT	0.0	0.00	0.5	0.00	AIR-CHANGE	0.63	121.4	7080.5	
10MCore Spc (G.C3)	1.0	INT	0.0	0.00	0.7	0.00	AIR-CHANGE	0.00	183.6	10709.4	
10MESE Perim Spc (G.ESE4)	1.0	EXT	-90.0	0.00	2.6	0.00	AIR-CHANGE	0.05	653.1	38095.9	
10MCore Spc (G.C5)	1.0	INT	0.0	0.00	0.9	0.00	AIR-CHANGE	0.00	233.3	13609.8	
10MESE Perim Spc (G.ESE6)	1.0	EXT	-90.0	0.00	0.7	0.00	AIR-CHANGE	0.24	174.1	10156.1	
10MSSW Perim Spc (G.SSW7)	1.0	EXT	0.0	0.00	12.7	0.00	AIR-CHANGE	0.12	3163.8	184543.1	
10MNorth Perim Spc (G.N8)	1.0	EXT	90.0	0.00	14.5	0.00	AIR-CHANGE	0.10	3626.4	211525.4	
10MENE Perim Spc (G.ENE9)	1.0	EXT	180.0	0.00	6.0	0.00	AIR-CHANGE	0.12	1499.3	87454.9	
Spaces on floor: 11MCGround Flr (rev: 12MC)											
11MCNNE Perim Spc (G.NNE1)	1.0	EXT	90.0	0.88	24.8	0.25	AIR-CHANGE	0.11	6201.1	146965.8	
11MCWNW Perim Spc (G.WNW2)	1.0	EXT	90.0	0.88	0.6	0.25	AIR-CHANGE	0.12	147.6	3497.6	
11MCSW Perim Spc (G.SW3)	1.0	EXT	0.0	0.88	0.5	0.25	AIR-CHANGE	0.44	136.3	3230.3	
11MCSSW Perim Spc (G.SSW4)	1.0	EXT	0.0	0.88	1.1	0.25	AIR-CHANGE	0.09	277.1	6566.9	
11MCWSW Perim Spc (G.WSW5)	1.0	EXT	90.0	0.88	8.3	0.25	AIR-CHANGE	0.15	2069.4	49045.0	
11MCSE Perim Spc (G.SE6)	1.0	EXT	0.0	0.88	5.1	0.25	AIR-CHANGE	0.14	1269.5	30087.2	
11MCCore Spc (G.C7)	1.0	INT	0.0	0.88	0.7	0.25	AIR-CHANGE	0.00	183.6	4351.3	
11MCCore Spc (G.C8)	1.0	INT	0.0	0.88	0.9	0.25	AIR-CHANGE	0.00	233.3	5529.8	
11MCCore Spc (G.C9)	1.0	INT	0.0	0.88	0.7	0.25	AIR-CHANGE	0.00	174.1	4126.5	
11MCCore Spc (G.C10)	1.0	INT	0.0	0.88	2.6	0.25	AIR-CHANGE	0.00	653.1	15478.7	
ERU-11-1 Spc	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	10000.0	100000.0	
Spaces on floor: 11DBGround Flr (rev: 12DBMC)											
11DBWNW Perim Spc (G.WNW1)	1.0	EXT	90.0	0.88	7.6	0.25	AIR-CHANGE	0.19	1910.8	135667.5	

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Spaces on floor: 1519Ground Flr (rev: 13)

1519Core Spc (G.C1)	3.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	180.0	1800.0
1519Core Spc (G.C2)	3.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	183.6	1836.0
1519Core Spc (G.C3)	3.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	233.3	2333.3
1519Core Spc (G.C4)	3.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	174.1	1741.1
1519Core Spc (G.C5)	3.0	INT	0.0	0.99	0.7	0.24	AIR-CHANGE	0.01	653.1	6531.1
1519WNW Perim Spc (G.WNW6)	3.0	EXT	90.0	0.66	2.0	0.24	AIR-CHANGE	0.19	1244.8	12448.5
1519NNE Perim Spc (G.NNE7)	3.0	EXT	0.0	0.66	3.0	0.24	AIR-CHANGE	0.08	3970.0	39700.1
1519East Perim Spc (G.E8)	3.0	EXT	180.0	0.66	2.0	0.24	AIR-CHANGE	0.15	986.2	9862.3
1519ESE Perim Spc (G.ESE9)	3.0	EXT	-90.0	0.66	2.0	0.24	AIR-CHANGE	0.09	853.4	8533.7
1519South Perim Spc (G.S10)	3.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.23	433.7	4336.8
1519SSE Perim Spc (G.SSE11)	3.0	EXT	-90.0	0.66	3.0	0.24	AIR-CHANGE	0.09	1922.4	19223.8
1519West Perim Spc (G.W12)	3.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.13	1360.4	13604.5
1519WNW Perim Spc (G.WNW13)	3.0	EXT	90.0	0.00	0.0	0.00	AIR-CHANGE	0.07	1060.8	10608.1
1519Plnm (G.14)	3.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	13255.9	23860.7

Spaces on floor: 1519Mid Flrs

1519Core Spc (M.C15)	5.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	180.0	1800.0
1519Core Spc (M.C16)	5.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	183.6	1836.0
1519Core Spc (M.C17)	5.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	233.3	2333.3
1519Core Spc (M.C18)	5.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	174.1	1741.1
1519Core Spc (M.C19)	5.0	INT	0.0	0.99	0.7	0.24	AIR-CHANGE	0.01	653.1	6531.1
1519WNW Perim Spc (M.WNW20)	5.0	EXT	90.0	0.66	2.0	0.24	AIR-CHANGE	0.19	1244.8	12448.5
1519NNE Perim Spc (M.NNE21)	5.0	EXT	0.0	0.66	3.0	0.24	AIR-CHANGE	0.08	3970.0	39700.1
1519East Perim Spc (M.E22)	5.0	EXT	180.0	0.66	2.0	0.24	AIR-CHANGE	0.15	986.2	9862.3
1519ESE Perim Spc (M.ESE23)	5.0	EXT	-90.0	0.66	2.0	0.24	AIR-CHANGE	0.09	853.4	8533.7
1519South Perim Spc (M.S24)	5.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.23	433.7	4336.8
1519SSE Perim Spc (M.SSE25)	5.0	EXT	-90.0	0.66	3.0	0.24	AIR-CHANGE	0.09	1922.4	19223.8
1519West Perim Spc (M.W26)	5.0	EXT	0.0	0.66	2.0	0.24	AIR-CHANGE	0.13	1360.4	13604.5
1519WNW Perim Spc (M.WNW27)	5.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.07	1060.8	10608.1
1519Plnm (M.28)	5.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	13255.9	23860.7

Spaces on floor: 1519Top Flr

1519Core Spc (T.C29)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	180.0	2520.0
1519Core Spc (T.C30)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	183.6	2570.4
1519Core Spc (T.C31)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	233.3	3266.6
1519Core Spc (T.C32)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	174.1	2437.6
1519Core Spc (T.C33)	1.0	INT	0.0	0.99	0.7	0.24	AIR-CHANGE	0.00	653.1	9143.5
1519WNW Perim Spc (T.WNW34)	1.0	EXT	90.0	0.66	2.0	0.24	AIR-CHANGE	0.13	1244.8	17427.9
1519NNE Perim Spc (T.NNE35)	1.0	EXT	0.0	0.66	3.0	0.24	AIR-CHANGE	0.05	3970.0	55580.1
1519East Perim Spc (T.E36)	1.0	EXT	180.0	0.66	2.0	0.24	AIR-CHANGE	0.11	986.2	13807.2
1519ESE Perim Spc (T.ESE37)	1.0	EXT	-90.0	0.66	2.0	0.24	AIR-CHANGE	0.06	853.4	11947.2
1519South Perim Spc (T.S38)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.16	433.7	6071.5
1519SSE Perim Spc (T.SSE39)	1.0	EXT	-90.0	0.66	3.0	0.24	AIR-CHANGE	0.06	1922.4	26913.3
1519West Perim Spc (T.W40)	1.0	EXT	0.0	0.66	2.0	0.24	AIR-CHANGE	0.09	1360.4	19046.3
1519WNW Perim Spc (T.WNW41)	1.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.05	1060.8	14851.3
1519Plnm (T.42)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	13255.9	23860.7

Spaces on floor: 2026Ground Flr

2026Core Spc (G.C1)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	180.0	2520.0
2026Core Spc (G.C2)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	183.6	2570.4
2026Core Spc (G.C3)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	233.3	3266.6

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2026Core Spc (G.C4)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	174.1	2437.6
2026Core Spc (G.C5)	1.0	INT	0.0	0.99	0.7	0.24	AIR-CHANGE	0.00	653.1	9143.5
2026East Perim Spc (G.E6)	1.0	EXT	180.0	0.66	1.0	0.24	AIR-CHANGE	0.11	986.2	13807.2
2026WNW Perim Spc (G.WNW7)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.13	1244.8	17427.9
2026NNE Perim Spc (G.NNE8)	1.0	EXT	0.0	0.66	2.0	0.24	AIR-CHANGE	0.05	3970.0	55580.1
2026WNW Perim Spc (G.WNW9)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.05	1060.8	14851.3
2026ESE Perim Spc (G.ESE10)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.06	853.4	11947.2
2026SW Perim Spc (G.SW11)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.16	466.4	6530.2
2026SSW Perim Spc (G.SSW12)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.10	694.2	9718.8
2026South Perim Spc (G.S13)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.17	398.6	5580.1
2026Plnm (G.14)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	11098.6	19977.6
Spaces on floor: 2026Mid Flrs										
2026Core Spc (M.C15)	5.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	180.0	1800.0
2026Core Spc (M.C16)	5.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	183.6	1836.0
2026Core Spc (M.C17)	5.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	233.3	2333.3
2026Core Spc (M.C18)	5.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	174.1	1741.1
2026Core Spc (M.C19)	5.0	INT	0.0	0.99	0.7	0.24	AIR-CHANGE	0.01	653.1	6531.1
2026East Perim Spc (M.E20)	5.0	EXT	180.0	0.66	6.2	0.24	AIR-CHANGE	0.15	986.2	9862.3
2026WNW Perim Spc (M.WNW21)	5.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.19	1244.8	12448.5
2026NNE Perim Spc (M.NNE22)	5.0	EXT	0.0	0.66	2.0	0.24	AIR-CHANGE	0.08	3970.0	39700.1
2026WNW Perim Spc (M.WNW23)	5.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.07	1060.8	10608.1
2026ESE Perim Spc (M.ESE24)	5.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.09	853.4	8533.7
2026SW Perim Spc (M.SW25)	5.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.22	466.4	4664.4
2026SSW Perim Spc (M.SSW26)	5.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.15	694.2	6942.0
2026South Perim Spc (M.S27)	5.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.24	398.6	3985.8
2026Plnm (M.28)	5.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	11098.6	19977.6
Spaces on floor: 2026Top Flr										
2026Core Spc (T.C29)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	180.0	2520.0
2026Core Spc (T.C30)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	183.6	2570.4
2026Core Spc (T.C31)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	233.3	3266.6
2026Core Spc (T.C32)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	174.1	2437.6
2026Core Spc (T.C33)	1.0	INT	0.0	0.99	0.7	0.24	AIR-CHANGE	0.00	653.1	9143.5
2026East Perim Spc (T.E34)	1.0	EXT	180.0	0.66	6.2	0.24	AIR-CHANGE	0.11	986.2	13807.2
2026WNW Perim Spc (T.WNW35)	1.0	EXT	90.0	0.66	7.8	0.24	AIR-CHANGE	0.13	1244.8	17427.9
2026NNE Perim Spc (T.NNE36)	1.0	EXT	0.0	0.66	24.8	0.24	AIR-CHANGE	0.05	3970.0	55580.1
2026WNW Perim Spc (T.WNW37)	1.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.05	1060.8	14851.3
2026ESE Perim Spc (T.ESE38)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.06	853.4	11947.2
2026SW Perim Spc (T.SW39)	1.0	EXT	0.0	0.66	2.9	0.24	AIR-CHANGE	0.16	466.4	6530.2
2026SSW Perim Spc (T.SSW40)	1.0	EXT	0.0	0.66	4.3	0.24	AIR-CHANGE	0.10	694.2	9718.8
2026South Perim Spc (T.S41)	1.0	EXT	-90.0	0.66	2.5	0.24	AIR-CHANGE	0.17	398.6	5580.1
2026Plnm (T.42)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	11098.6	19977.6
Spaces on floor: 27MCGround Flr										
27MCCore Spc (G.C1)	1.0	INT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	180.0	3240.0
27MCCore Spc (G.C2)	1.0	INT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	183.6	3304.8
27MCCore Spc (G.C3)	1.0	INT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	233.3	4199.9
27MCCore Spc (G.C4)	1.0	INT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	174.1	3134.1
27MCCore Spc (G.C5)	1.0	INT	0.0	0.88	2.6	0.25	AIR-CHANGE	0.00	653.1	11756.0
27MCEast Perim Spc (G.E6)	1.0	EXT	180.0	0.88	3.9	0.25	AIR-CHANGE	0.20	986.2	17752.1
27MCWNW Perim Spc (G.WNW7)	1.0	EXT	90.0	0.88	5.0	0.25	AIR-CHANGE	0.25	1244.8	22407.3
27MCNNE Perim Spc (G.NNE8)	1.0	EXT	0.0	0.88	24.8	0.25	AIR-CHANGE	0.10	3970.0	71460.2
27MCWNW Perim Spc (G.WNW9)	1.0	EXT	90.0	0.88	0.0	0.25	AIR-CHANGE	0.10	1060.8	19094.6

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27MCESE Perim Spc (G.ESE10)	1.0	EXT	-90.0	0.88	3.4	0.25	AIR-CHANGE	0.12	853.4	15360.7
27MCSW Perim Spc (G.SW11)	1.0	EXT	0.0	0.88	1.9	0.25	AIR-CHANGE	0.30	466.4	8395.9
27MCSSW Perim Spc (G.SSW12)	1.0	EXT	0.0	0.88	2.8	0.25	AIR-CHANGE	0.19	694.2	12495.6
27MCSouth Perim Spc (G.S13)	1.0	EXT	-90.0	0.88	1.6	0.25	AIR-CHANGE	0.31	398.6	7174.4
ERU-27-1 Spc	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	10000.0	100000.0
ERU-27-2 Spc	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	10000.0	100000.0
Spaces on floor: 28Ground Flr										
28Core Spc (G.C1)	1.0	INT	0.0	0.00	0.2	0.24	AIR-CHANGE	0.00	183.6	2570.4
28Core Spc (G.C2)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	233.3	3266.6
28Core Spc (G.C3)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	174.1	2437.6
28Core Spc (G.C4)	1.0	INT	0.0	0.99	0.7	0.24	AIR-CHANGE	0.00	653.1	9143.5
28NNW Perim Spc (G.NNW5)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1434.0	20075.9
28NNE Perim Spc (G.NNE6)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.04	1437.8	20129.9
28East Perim Spc (G.E7)	1.0	EXT	180.0	0.66	1.0	0.24	AIR-CHANGE	0.10	986.2	13807.2
28ESE Perim Spc (G.ESE8)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.06	853.4	11947.2
28South Perim Spc (G.S9)	1.0	EXT	-90.0	0.66	0.0	0.24	AIR-CHANGE	0.16	398.6	5580.1
28SSW Perim Spc (G.SSW10)	1.0	EXT	0.0	0.66	0.0	0.24	AIR-CHANGE	0.10	581.1	8135.4
28SW Perim Spc (G.SW11)	1.0	EXT	0.0	0.66	0.0	0.24	AIR-CHANGE	0.15	579.5	8113.6
28WNW Perim Spc (G.WNW12)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.04	1240.8	17371.3
28Plnm (G.13)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	8755.6	17511.2
Spaces on floor: 2936Mid Flrs										
2936Core Spc (M.C14)	8.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	183.6	1799.3
2936Core Spc (M.C15)	8.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	233.3	2286.6
2936Core Spc (M.C16)	8.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	174.1	1706.3
2936Core Spc (M.C17)	8.0	INT	0.0	0.99	0.7	0.24	AIR-CHANGE	0.01	653.1	6400.5
2936NNW Perim Spc (M.NNW18)	8.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.12	1434.0	14053.1
2936NNE Perim Spc (M.NNE19)	8.0	EXT	90.0	0.66	2.0	0.24	AIR-CHANGE	0.06	1437.8	14090.9
2936East Perim Spc (M.E20)	8.0	EXT	180.0	0.66	1.0	0.24	AIR-CHANGE	0.15	986.2	9665.1
2936ESE Perim Spc (M.ESE21)	8.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.09	853.4	8363.0
2936South Perim Spc (M.S22)	8.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.24	398.6	3906.1
2936SSW Perim Spc (M.SSW23)	8.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.15	581.1	5694.8
2936SW Perim Spc (M.SW24)	8.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.21	579.5	5679.5
2936WNW Perim Spc (M.WNW25)	8.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.06	1240.8	12159.9
2936Plnm (M.26)	8.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	8755.6	17511.2
Spaces on floor: 3744Mid Flrs										
3744Core Spc (M.C14)	8.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	183.6	1799.3
3744Core Spc (M.C15)	8.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	233.3	2286.6
3744Core Spc (M.C16)	8.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	174.1	1706.3
3744Core Spc (M.C17)	8.0	INT	0.0	0.99	0.7	0.24	AIR-CHANGE	0.01	653.1	6400.5
3744NNW Perim Spc (M.NNW18)	8.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.12	1434.0	14053.1
3744NNE Perim Spc (M.NNE19)	8.0	EXT	90.0	0.66	2.0	0.24	AIR-CHANGE	0.06	1437.8	14090.9
3744East Perim Spc (M.E20)	8.0	EXT	180.0	0.66	1.0	0.24	AIR-CHANGE	0.15	986.2	9665.1
3744ESE Perim Spc (M.ESE21)	8.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.09	853.4	8363.0
3744South Perim Spc (M.S22)	8.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.24	398.6	3906.1
3744SSW Perim Spc (M.SSW23)	8.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.15	581.1	5694.8
3744SW Perim Spc (M.SW24)	8.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.21	579.5	5679.5
3744WNW Perim Spc (M.WNW25)	8.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.06	1240.8	12159.9
3744Plnm (M.26)	8.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	8755.6	17511.2
Spaces on floor: 45Top Flr										
45Core Spc (T.C27)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	183.6	2570.4

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45Core Spc (T.C28)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	233.3	3266.6
45Core Spc (T.C29)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	174.1	2437.6
45Core Spc (T.C30)	1.0	INT	0.0	0.99	0.7	0.00	AIR-CHANGE	0.00	653.1	9143.5
45NNW Perim Spc (T.NNW31)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1434.0	20075.9
45NNE Perim Spc (T.NNE32)	1.0	EXT	90.0	0.66	2.0	0.24	AIR-CHANGE	0.04	1437.8	20129.9
45East Perim Spc (T.E33)	1.0	EXT	180.0	0.66	1.0	0.24	AIR-CHANGE	0.10	986.2	13807.2
45ESE Perim Spc (T.ESE34)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.06	853.4	11947.2
45South Perim Spc (T.S35)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.16	398.6	5580.1
45SSW Perim Spc (T.SSW36)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.10	581.1	8135.4
45SW Perim Spc (T.SW37)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.15	579.5	8113.6
45WNW Perim Spc (T.WNW38)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.04	1240.8	17371.3
45Plnm (T.39)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	8755.6	17511.2
Spaces on floor: 46MCTop Flr										
46MCCore Spc (T.C27)	1.0	INT	0.0	0.00	0.7	0.00	AIR-CHANGE	0.00	183.6	3304.8
46MCCore Spc (T.C28)	1.0	INT	0.0	0.00	0.9	0.00	AIR-CHANGE	0.00	233.3	4199.9
46MCCore Spc (T.C29)	1.0	INT	0.0	0.00	0.7	0.00	AIR-CHANGE	0.00	174.1	3134.1
46MCCore Spc (T.C30)	1.0	INT	0.0	0.88	2.6	0.25	AIR-CHANGE	0.00	653.1	11756.0
46MCNNW Perim Spc (T.NNW31)	1.0	EXT	90.0	0.88	5.7	0.25	AIR-CHANGE	0.07	1434.0	25811.8
46MCNNE Perim Spc (T.NNE32)	1.0	EXT	90.0	0.88	5.8	0.25	AIR-CHANGE	0.03	1437.8	25881.3
46MCEast Perim Spc (T.E33)	1.0	EXT	180.0	0.88	3.9	0.25	AIR-CHANGE	0.08	986.2	17752.1
46MCESE Perim Spc (T.ESE34)	1.0	EXT	-90.0	0.88	3.4	0.25	AIR-CHANGE	0.05	853.4	15360.7
46MCSouth Perim Spc (T.S35)	1.0	EXT	-90.0	0.88	1.6	0.25	AIR-CHANGE	0.13	398.6	7174.4
46MCSSW Perim Spc (T.SSW36)	1.0	EXT	0.0	0.88	2.3	0.25	AIR-CHANGE	0.08	581.1	10459.8
46MCSW Perim Spc (T.SW37)	1.0	EXT	0.0	0.88	2.3	0.25	AIR-CHANGE	0.11	579.5	10431.7
46MCWNW Perim Spc (T.WNW38)	1.0	EXT	90.0	0.88	5.0	0.25	AIR-CHANGE	0.03	1240.8	22334.6
46MCPlnm (T.39)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.03	8755.6	17511.2
ERU-46-1 Spc	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	10000.0	100000.0
ERU-46-2 Spc	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	10000.0	100000.0
Spaces on floor: 47Ground Flr										
47NNW Perim Spc (G.NNW1)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.14	1163.6	12567.0
47West Perim Spc (G.W2)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1426.6	15406.8
47SW Perim Spc (G.SW3)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.23	419.4	4529.9
47SSW Perim Spc (G.SSW4)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.11	741.3	8005.8
47SSE Perim Spc (G.SSE5)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.20	508.4	5491.2
47ESE Perim Spc (G.ESE6)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.09	853.4	9216.4
47ENE Perim Spc (G.ENE7)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.18	643.5	6949.8
47NE Perim Spc (G.NE8)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.09	1210.8	13076.5
47Core Spc (G.C9)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	183.6	1982.9
47Core Spc (G.C10)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	232.7	2513.0
47Core Spc (G.C11)	1.0	INT	0.0	0.00	0.3	0.00	AIR-CHANGE	0.01	259.0	2797.1
47Core Spc (G.C12)	1.0	INT	0.0	0.99	0.6	0.24	AIR-CHANGE	0.01	568.9	6143.8
47Plnm (G.13)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.10	8211.1	16422.3
Spaces on floor: 4856Mid Flrs										
4856NNW Perim Spc (M.NNW14)	9.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.14	1163.6	12567.0
4856West Perim Spc (M.W15)	9.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1426.6	15406.8
4856SW Perim Spc (M.SW16)	9.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.23	419.4	4529.9
4856SSW Perim Spc (M.SSW17)	9.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.11	741.3	8005.8
4856SSE Perim Spc (M.SSE18)	9.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.20	508.4	5491.2
4856ESE Perim Spc (M.ESE19)	9.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.09	853.4	9216.4
4856ENE Perim Spc (M.ENE20)	9.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.18	643.5	6949.8
4856NE Perim Spc (M.NE21)	9.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.09	1210.8	13076.5

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4856Core Spc (M.C22)	9.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	183.6	1982.9
4856Core Spc (M.C23)	9.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	232.7	2513.0
4856Core Spc (M.C24)	9.0	INT	0.0	0.00	0.3	0.00	AIR-CHANGE	0.01	259.0	2797.1
4856Core Spc (M.C25)	9.0	INT	0.0	0.99	0.6	0.24	AIR-CHANGE	0.01	568.9	6143.8
4856Plnm (M.26)	9.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.10	8211.1	16422.3
Spaces on floor: 5765Mid Flrs										
5765NNW Perim Spc (M.NNW14)	9.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.14	1163.6	12567.0
5765West Perim Spc (M.W15)	9.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1426.6	15406.8
5765SW Perim Spc (M.SW16)	9.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.23	419.4	4529.9
5765SSW Perim Spc (M.SSW17)	9.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.11	741.3	8005.8
5765SSE Perim Spc (M.SSE18)	9.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.20	508.4	5491.2
5765ESE Perim Spc (M.ESE19)	9.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.09	853.4	9216.4
5765ENE Perim Spc (M.ENE20)	9.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.18	643.5	6949.8
5765NE Perim Spc (M.NE21)	9.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.09	1210.8	13076.5
5765Core Spc (M.C22)	9.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	183.6	1982.9
5765Core Spc (M.C23)	9.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.01	232.7	2513.0
5765Core Spc (M.C24)	9.0	INT	0.0	0.00	0.3	0.00	AIR-CHANGE	0.01	259.0	2797.1
5765Core Spc (M.C25)	9.0	INT	0.0	0.99	0.6	0.24	AIR-CHANGE	0.01	568.9	6143.8
5765Plnm (M.26)	9.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.10	8211.1	16422.3
Spaces on floor: 66Top Flr										
66NNW Perim Spc (T.NNW27)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.11	1163.6	16290.5
66West Perim Spc (T.W28)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.06	1426.6	19971.8
66SW Perim Spc (T.SW29)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.18	419.4	5872.1
66SSW Perim Spc (T.SSW30)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.09	741.3	10377.8
66SSE Perim Spc (T.SSE31)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.16	508.4	7118.2
66ESE Perim Spc (T.ESE32)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.07	853.4	11947.2
66ENE Perim Spc (T.ENE33)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.14	643.5	9009.0
66NE Perim Spc (T.NE34)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.07	1210.8	16951.1
66Core Spc (T.C35)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	183.6	2570.4
66Core Spc (T.C36)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	232.7	3257.6
66Core Spc (T.C37)	1.0	INT	0.0	0.00	0.3	0.00	AIR-CHANGE	0.00	259.0	3625.9
66Core Spc (T.C38)	1.0	INT	0.0	0.99	0.6	0.24	AIR-CHANGE	0.00	568.9	7964.2
66Plnm (T.39)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.10	8211.1	16422.3
Spaces on floor: 67MCGround Flr										
67MCNNW Perim Spc (G.NNW1)	1.0	EXT	90.0	0.88	4.7	0.25	AIR-CHANGE	0.16	1163.6	32581.1
67MCWest Perim Spc (G.W2)	1.0	EXT	0.0	0.88	5.7	0.25	AIR-CHANGE	0.09	1426.6	39943.7
67MCSW Perim Spc (G.SW3)	1.0	EXT	90.0	0.88	1.7	0.25	AIR-CHANGE	0.27	419.4	11744.2
67MCSSW Perim Spc (G.SSW4)	1.0	EXT	0.0	0.88	3.0	0.25	AIR-CHANGE	0.13	741.3	20755.7
67MCSSE Perim Spc (G.SSE5)	1.0	EXT	-90.0	0.88	2.0	0.25	AIR-CHANGE	0.23	508.4	14236.5
67MCESE Perim Spc (G.ESE6)	1.0	EXT	-90.0	0.88	3.4	0.25	AIR-CHANGE	0.10	853.4	23894.4
67MCENE Perim Spc (G.ENE7)	1.0	EXT	90.0	0.88	2.6	0.25	AIR-CHANGE	0.21	643.5	18018.0
67MCNE Perim Spc (G.NE8)	1.0	EXT	-90.0	0.88	4.8	0.25	AIR-CHANGE	0.10	1210.8	33902.1
67MCCore Spc (G.C9)	1.0	INT	0.0	0.88	0.7	0.25	AIR-CHANGE	0.00	183.6	5140.8
67MCCore Spc (G.C10)	1.0	INT	0.0	0.88	0.9	0.25	AIR-CHANGE	0.00	232.7	6515.3
67MCCore Spc (G.C11)	1.0	INT	0.0	0.88	2.3	0.25	AIR-CHANGE	0.00	568.9	15928.4
67MCCore Spc (G.C12)	1.0	INT	0.0	0.88	1.0	0.25	AIR-CHANGE	0.00	259.0	7251.7
ERU-67-1 Spc	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	10000.0	100000.0
ERU-67-2 Spc	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	10000.0	100000.0
Spaces on floor: 68Ground Flr (rev: 69)										
68NNW Perim Spc (G.NNW1)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.16	987.4	13823.0

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68NE Perim Spc (G.NE2)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.11	1277.7	17887.4
68ESE Perim Spc (G.ESE3)	1.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.60	230.2	3223.4
68West Perim Spc (G.W4)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1351.7	18923.5
68SW Perim Spc (G.SW5)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.24	390.4	5465.3
68South Perim Spc (G.S6)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.18	741.3	10377.8
68Core Spc (G.C7)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	232.7	3257.6
68Core Spc (G.C8)	1.0	INT	0.0	0.00	0.2	0.00	AIR-CHANGE	0.00	183.6	2570.4
68ESE Perim Spc (G.ESE9)	1.0	EXT	-90.0	0.00	1.7	0.00	AIR-CHANGE	0.24	259.0	3625.9
68Core Spc (G.C10)	1.0	EXT	-90.0	0.99	0.6	0.00	AIR-CHANGE	0.00	568.9	7964.2
68Plnm (G.11)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.14	6222.8	12445.5
Spaces on floor: 68DBGround Flr (rev: 69db)										
68DBWNW Perim Spc (G.WNW1)	1.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.24	1800.6	54018.9
68DBPlnm (G.2)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.24	1800.6	3601.3
Spaces on floor: 69Ground Flr (rev: 70)										
69NNW Perim Spc (G.NNW1)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.16	987.4	13823.0
69NE Perim Spc (G.NE2)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.11	1277.7	17887.4
69ESE Perim Spc (G.ESE3)	1.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.60	230.2	3223.4
69West Perim Spc (G.W4)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1351.7	18923.5
69SW Perim Spc (G.SW5)	1.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.24	390.4	5465.3
69South Perim Spc (G.S6)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.18	741.3	10377.8
69Core Spc (G.C7)	1.0	INT	0.0	0.00	1.3	0.00	AIR-CHANGE	0.00	232.7	3257.6
69Core Spc (G.C8)	1.0	INT	0.0	0.00	1.0	0.00	AIR-CHANGE	0.00	183.6	2570.4
69ESE Perim Spc (G.ESE9)	1.0	EXT	-90.0	0.00	1.5	0.00	AIR-CHANGE	0.24	259.0	3625.9
69Core Spc (G.C10)	1.0	EXT	-90.0	0.99	3.2	0.24	AIR-CHANGE	0.00	568.9	7964.2
69Plnm (G.11)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.14	6222.8	12445.5
Spaces on floor: 70Ground Flr (rev: 68)										
70NNW Perim Spc (G.NNW1)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.16	1017.3	10986.6
70West Perim Spc (G.W2)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1321.8	14275.0
70SW Perim Spc (G.SW3)	1.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.24	390.4	4216.1
70South Perim Spc (G.S4)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.17	922.4	9962.2
70NE Perim Spc (G.NE5)	1.0	EXT	-90.0	0.66	0.0	0.24	AIR-CHANGE	0.23	512.2	5531.6
70ENE Perim Spc (G.ENE6)	1.0	EXT	180.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1385.7	14965.0
70SE Perim Spc (G.SE7)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.13	860.7	9296.1
70Core Spc (G.C8)	1.0	INT	0.0	0.00	0.4	0.00	AIR-CHANGE	0.01	184.6	1993.9
70Core Spc (G.C9)	1.0	INT	0.0	0.00	0.5	0.00	AIR-CHANGE	0.01	233.3	2519.9
70Core Spc (G.C10)	1.0	INT	0.0	0.00	0.5	0.00	AIR-CHANGE	0.01	259.0	2797.1
70Core Spc (G.C11)	1.0	INT	0.0	0.99	1.2	0.24	AIR-CHANGE	0.01	569.1	6146.0
70Plnm (G.12)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.11	7656.4	15312.9
Spaces on floor: 7179Mid Flrs										
7179NNW Perim Spc (M.NNW13)	9.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.16	1017.3	10986.6
7179West Perim Spc (M.W14)	9.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1321.8	14275.0
7179SW Perim Spc (M.SW15)	9.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.24	390.4	4216.1
7179South Perim Spc (M.S16)	9.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.17	922.4	9962.2
7179NE Perim Spc (M.NE17)	9.0	EXT	-90.0	0.66	0.0	0.24	AIR-CHANGE	0.23	512.2	5531.6
7179ENE Perim Spc (M.ENE18)	9.0	EXT	180.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1385.7	14965.0
7179SE Perim Spc (M.SE19)	9.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.13	860.7	9296.1
7179Core Spc (M.C20)	9.0	INT	0.0	0.00	0.4	0.00	AIR-CHANGE	0.01	184.6	1993.9
7179Core Spc (M.C21)	9.0	INT	0.0	0.00	0.5	0.00	AIR-CHANGE	0.01	233.3	2519.9
7179Core Spc (M.C22)	9.0	INT	0.0	0.00	0.5	0.00	AIR-CHANGE	0.01	259.0	2797.1

REPORT- LV-B Summary of Spaces WEATHER FILE- New York CityNY TMY2

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7179Core Spc (M.C23)	9.0	INT	0.0	0.99	1.2	0.24	AIR-CHANGE	0.01	569.1	6146.0
7179Plnm (M.24)	9.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.11	7656.4	15312.9
Spaces on floor: 8087Mid Flrs										
8087NNW Perim Spc (M.NNW13)	8.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.16	1017.3	10986.6
8087West Perim Spc (M.W14)	8.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1321.8	14275.0
8087SW Perim Spc (M.SW15)	8.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.24	390.4	4216.1
8087South Perim Spc (M.S16)	8.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.17	922.4	9962.2
8087NE Perim Spc (M.NE17)	8.0	EXT	-90.0	0.66	0.0	0.24	AIR-CHANGE	0.23	512.2	5531.6
8087ENE Perim Spc (M.ENE18)	8.0	EXT	180.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1385.7	14965.0
8087SE Perim Spc (M.SE19)	8.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.13	860.7	9296.1
8087Core Spc (M.C20)	8.0	INT	0.0	0.00	0.4	0.00	AIR-CHANGE	0.01	184.6	1993.9
8087Core Spc (M.C21)	8.0	INT	0.0	0.00	0.5	0.00	AIR-CHANGE	0.01	233.3	2519.9
8087Core Spc (M.C22)	8.0	INT	0.0	0.00	0.5	0.00	AIR-CHANGE	0.01	259.0	2797.1
8087Core Spc (M.C23)	8.0	INT	0.0	0.99	1.2	0.24	AIR-CHANGE	0.01	569.1	6146.0
8087Plnm (M.24)	8.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.11	7656.4	15312.9
Spaces on floor: 88Top Flr										
88NNW Perim Spc (T.NNW25)	1.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.12	1017.3	14241.9
88West Perim Spc (T.W26)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.06	1321.8	18504.6
88SW Perim Spc (T.SW27)	1.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.19	390.4	5465.3
88South Perim Spc (T.S28)	1.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.13	922.4	12913.9
88NE Perim Spc (T.NE29)	1.0	EXT	-90.0	0.66	0.0	0.24	AIR-CHANGE	0.18	512.2	7170.6
88ENE Perim Spc (T.ENE30)	1.0	EXT	180.0	0.66	1.0	0.24	AIR-CHANGE	0.06	1385.7	19399.1
88SE Perim Spc (T.SE31)	1.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.10	860.7	12050.5
88Core Spc (T.C32)	1.0	INT	0.0	0.00	0.4	0.00	AIR-CHANGE	0.00	184.6	2584.7
88Core Spc (T.C33)	1.0	INT	0.0	0.00	0.5	0.00	AIR-CHANGE	0.00	233.3	3266.6
88Core Spc (T.C34)	1.0	INT	0.0	0.00	0.5	0.00	AIR-CHANGE	0.00	259.0	3625.9
88Core Spc (T.C35)	1.0	INT	0.0	0.99	1.2	0.24	AIR-CHANGE	0.00	569.1	7967.1
88Plnm (T.36)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.11	7656.4	15312.9
Spaces on floor: 89Ground Flr (rev: 89 + 91)										
89NNW Perim Spc (G.NNW1)	2.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.17	941.6	13182.4
89NE Perim Spc (G.NE2)	2.0	EXT	-90.0	0.66	0.0	0.24	AIR-CHANGE	0.23	512.2	7170.6
89ESE Perim Spc (G.ESE3)	2.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.06	717.1	10038.9
89West Perim Spc (G.W4)	2.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1397.4	19564.2
89SW Perim Spc (G.SW5)	2.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.24	390.4	5465.3
89South Perim Spc (G.S6)	2.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.18	1002.5	14035.1
89Core Spc (G.C7)	2.0	INT	0.0	0.00	1.3	0.00	AIR-CHANGE	0.00	233.3	3266.6
89Core Spc (G.C8)	2.0	INT	0.0	0.00	1.1	0.00	AIR-CHANGE	0.00	184.6	2584.7
89ESE Perim Spc (G.ESE9)	2.0	EXT	-90.0	0.00	1.5	0.00	AIR-CHANGE	0.24	259.0	3625.9
89Core Spc (G.C10)	2.0	EXT	-90.0	0.99	3.2	0.24	AIR-CHANGE	0.00	569.1	7967.1
89Plnm (G.11)	2.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.13	6207.2	12414.4
Spaces on floor: 89DBGround Flr (rev: 89 + 91)										
89DBWNW Perim Spc (G.WNW1)	2.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.25	1449.3	45651.4
89DBPlnm (G.2)	2.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.25	1449.3	2898.5
Spaces on floor: 90Ground Flr (rev: 90 + 92)										
90NNW Perim Spc (G.NNW1)	2.0	EXT	90.0	0.66	1.0	0.24	AIR-CHANGE	0.17	941.6	13182.4
90NE Perim Spc (G.NE2)	2.0	EXT	-90.0	0.66	0.0	0.24	AIR-CHANGE	0.23	512.2	7170.6
90ESE Perim Spc (G.ESE3)	2.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.06	717.1	10038.9

REPORT- LV-B Summary of Spaces WEATHER FILE- New York CityNY TMY2

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90West Perim Spc (G.W4)	2.0	EXT	0.0	0.66	1.0	0.24	AIR-CHANGE	0.08	1397.4	19564.2
90SW Perim Spc (G.SW5)	2.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.24	390.4	5465.3
90South Perim Spc (G.S6)	2.0	EXT	-90.0	0.66	1.0	0.24	AIR-CHANGE	0.18	1002.5	14035.1
90Core Spc (G.C7)	2.0	INT	0.0	0.00	1.3	0.00	AIR-CHANGE	0.00	233.3	3266.6
90Core Spc (G.C8)	2.0	INT	0.0	0.00	1.1	0.00	AIR-CHANGE	0.00	184.6	2584.7
90ESE Perim Spc (G.ESE9)	2.0	EXT	-90.0	0.00	1.5	0.00	AIR-CHANGE	0.24	259.0	3625.9
90Core Spc (G.C10)	2.0	EXT	-90.0	0.99	3.2	0.24	AIR-CHANGE	0.00	569.1	7967.1
90Plnm (G.11)	2.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.13	6207.2	12414.4
Spaces on floor: 91Ground Flr (rev: 93)										
91NNW Perim Spc (G.NNW1)	1.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.17	941.6	13182.4
91NE Perim Spc (G.NE2)	1.0	EXT	-90.0	0.66	0.0	0.24	AIR-CHANGE	0.23	512.2	7170.6
91Core Spc (G.C3)	1.0	INT	180.0	0.66	0.0	0.24	AIR-CHANGE	0.00	717.1	10038.9
91West Perim Spc (G.W4)	1.0	EXT	0.0	0.88	5.6	0.25	AIR-CHANGE	0.08	1397.4	19564.2
91SW Perim Spc (G.SW5)	1.0	EXT	90.0	0.88	1.6	0.25	AIR-CHANGE	0.24	390.4	5465.3
91South Perim Spc (G.S6)	1.0	EXT	-90.0	0.88	4.0	0.25	AIR-CHANGE	0.16	1002.5	14035.1
91Core Spc (G.C7)	1.0	INT	0.0	0.00	1.3	0.00	AIR-CHANGE	0.00	233.3	3266.6
91Core Spc (G.C8)	1.0	INT	0.0	0.00	1.1	0.00	AIR-CHANGE	0.00	184.6	2584.7
91Core Spc (G.C9)	1.0	INT	0.0	0.00	1.5	0.00	AIR-CHANGE	0.00	259.0	3625.9
91Core Spc (G.C10)	1.0	INT	0.0	0.99	3.2	0.25	AIR-CHANGE	0.00	569.1	7967.1
91ESE Perim Spc (G.ESE11)	1.0	EXT	90.0	0.88	5.8	0.25	AIR-CHANGE	0.15	1449.3	20289.5
91Plnm (G.12)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.11	7656.4	15312.9
ERU-91-1 Spc	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	10000.0	100000.0
Spaces on floor: 92Ground Flr (rev: 94)										
92NNW Perim Spc (G.NNW1)	1.0	EXT	90.0	0.66	0.0	0.24	AIR-CHANGE	0.17	941.6	13182.4
92NE Perim Spc (G.NE2)	1.0	EXT	-90.0	0.66	0.0	0.24	AIR-CHANGE	0.23	512.2	7170.6
92Core Spc (G.C3)	1.0	INT	180.0	0.66	0.0	0.24	AIR-CHANGE	0.00	717.1	10038.9
92West Perim Spc (G.W4)	1.0	EXT	0.0	0.88	0.0	0.25	AIR-CHANGE	0.08	1397.4	19564.2
92SW Perim Spc (G.SW5)	1.0	EXT	90.0	0.88	1.6	0.25	AIR-CHANGE	0.24	390.4	5465.3
92South Perim Spc (G.S6)	1.0	EXT	-90.0	0.88	4.0	0.25	AIR-CHANGE	0.16	1002.5	14035.1
92Core Spc (G.C7)	1.0	INT	0.0	0.00	1.3	0.00	AIR-CHANGE	0.00	233.3	3266.6
92Core Spc (G.C8)	1.0	INT	0.0	0.00	1.1	0.25	AIR-CHANGE	0.00	184.6	2584.7
92Core Spc (G.C9)	1.0	INT	0.0	0.00	1.5	0.00	AIR-CHANGE	0.00	259.0	3625.9
92Core Spc (G.C10)	1.0	INT	0.0	1.00	3.2	0.25	AIR-CHANGE	0.00	569.1	7967.1
92ESE Perim Spc (G.ESE11)	1.0	EXT	90.0	0.88	5.8	0.25	AIR-CHANGE	0.15	1449.3	20289.5
92Plnm (G.12)	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.11	7656.4	15312.9
Spaces on floor: 93MER										
93MERSpace	2.0	EXT	0.0	0.88	6.9	0.25	NO-INFILT.	0.00	6889.0	124002.0
BUILDING TOTALS					7870.0				2096481.0	20073558.0

REPORT- LV-D Details of Exterior Surfaces WEATHER FILE- New York CityNY TMY2

NUMBER OF EXTERIOR SURFACES 857
(U-VALUE INCLUDES OUTSIDE FILM; WINDOW INCLUDES FRAME AND CURB, IF DEFINED)

SURFACE	- - - W I N D O W S - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	- - - - W A L L - - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	-W A L L + W I N D O W S- U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	AZIMUTH
68DBNNW Wall (G.WNW1.E5)	0.000	0.00	0.268	366.00	0.268	366.00	NORTH
in space: 68DBWNW Perim Spc (G.WNW1)							
68DBNNW Wall (G.2.E11)	0.000	0.00	0.268	24.40	0.268	24.40	NORTH
in space: 68DBPlnm (G.2)							
Exterior Wall 885	0.000	0.00	0.268	2988.00	0.268	2988.00	NORTH
in space: 93MERSpace							
GNNE Wall (G.NNE3.E5)	0.000	0.00	0.307	1290.08	0.307	1290.08	NORTH
in space: GNNE Perim Spc (G.NNE3)							
6MCNNE Wall (G.N2.E5)	0.000	0.00	0.307	3767.56	0.307	3767.56	NORTH
in space: 6MCNorth Perim Spc (G.N2)							
GNNE Wall (G.18.E29)	0.000	0.00	0.268	42.10	0.268	42.10	NORTH
in space: GPlnm (G.18)							
GNNE Wall (G.18.E31)	0.000	0.00	0.268	137.60	0.268	137.60	NORTH
in space: GPlnm (G.18)							
GNNE Wall (G.18.E32)	0.000	0.00	0.268	162.40	0.268	162.40	NORTH
in space: GPlnm (G.18)							
GNNE Wall (G.18.E34)	0.000	0.00	0.268	172.00	0.268	172.00	NORTH
in space: GPlnm (G.18)							
1MNNE Wall (G.NW1.E2)	0.572	108.00	0.268	12.00	0.542	120.00	NORTH
in space: 1MNW Perim Spc (G.NW1)							
1MNNE Wall (G.N2.E3)	0.000	0.00	0.307	837.20	0.307	837.20	NORTH
in space: 1MNorth Perim Spc (G.N2)							
1MNNE Wall (G.NNE6.E11)	0.572	1114.92	0.268	123.88	0.542	1238.80	NORTH
in space: 1MNNE Perim Spc (G.NNE6)							
25NNE Wall (G.NW1.E2)	0.572	249.38	0.268	13.13	0.557	262.50	NORTH
in space: 25NW Perim Spc (G.NW1)							
25NNE Wall (G.N2.E3)	0.000	0.00	0.307	1831.38	0.307	1831.38	NORTH
in space: 25North Perim Spc (G.N2)							
25NNE Wall (G.NNE11.E14)	0.572	1807.98	0.268	95.15	0.557	1903.13	NORTH
in space: 25NNE Perim Spc (G.NNE11)							
Exterior Wall 888	0.572	841.00	0.268	59.00	0.552	900.00	NORTH
in space: 25NNE Perim Spc (G.NNE11)							
25NNE Wall (G.NNE12.E15)	0.572	766.41	0.268	40.34	0.557	806.75	NORTH
in space: 25NNE Perim Spc (G.NNE12)							
25NNE Wall (M.NW17.E17)	0.572	498.75	0.268	26.25	0.557	525.00	NORTH
in space: 25NW Perim Spc (M.NW17)							
25NNE Wall (M.N18.E18)	0.000	0.00	0.307	3662.75	0.307	3662.75	NORTH
in space: 25North Perim Spc (M.N18)							
25NNE Wall (M.NNE27.E29)	0.572	3615.96	0.268	190.29	0.557	3806.25	NORTH
in space: 25NNE Perim Spc (M.NNE27)							
Exterior Wall 889	0.572	1682.00	0.268	118.00	0.552	1800.00	NORTH
in space: 25NNE Perim Spc (M.NNE27)							
25NNE Wall (M.NNE28.E30)	0.572	1532.83	0.268	80.67	0.557	1613.50	NORTH
in space: 25NNE Perim Spc (M.NNE28)							
25NNE Wall (T.NW33.E32)	0.572	249.38	0.268	13.13	0.557	262.50	NORTH
in space: 25NW Perim Spc (T.NW33)							
25NNE Wall (T.N34.E33)	0.000	0.00	0.307	1831.38	0.307	1831.38	NORTH
in space: 25North Perim Spc (T.N34)							

REPORT- LV-D Details of Exterior Surfaces WEATHER FILE- New York CityNY TMY2

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25NNE Wall (T.NNE43.E44)	0.572	1807.98	0.268	95.15	0.557	1903.13	NORTH
in space: 25NNE Perim Spc (T.NNE43)							
Exterior Wall 890	0.572	841.00	0.268	59.00	0.552	900.00	NORTH
in space: 25NNE Perim Spc (T.NNE43)							
25NNE Wall (T.NNE44.E45)	0.572	766.41	0.268	40.34	0.557	806.75	NORTH
in space: 25NNE Perim Spc (T.NNE44)							
GNNE Wall (G.NW1.E2)	0.572	202.30	0.268	7.70	0.561	210.00	NORTH
in space: GNW Perim Spc (G.NW1)							
6MCNNE Wall (G.NW3.E7)	0.000	0.00	0.268	540.00	0.268	540.00	NORTH
in space: 6MCNW Perim Spc (G.NW3)							
6MCNNE Wall (G.NNE4.E8)	0.000	0.00	0.268	5574.60	0.268	5574.60	NORTH
in space: 6MCNNE Perim Spc (G.NNE4)							
6MCNNE Wall (G.11.E14)	0.000	0.00	0.268	339.70	0.268	339.70	NORTH
in space: 6MCPlnm (G.11)							
6MCNNE Wall (G.11.E16)	0.000	0.00	0.268	209.30	0.268	209.30	NORTH
in space: 6MCPlnm (G.11)							
Exterior Wall 895	0.000	0.00	0.268	1080.00	0.268	1080.00	NORTH
in space: 6MC Top Spc							
8ANNE Wall (G.NW1.E2)	0.000	0.00	0.268	387.60	0.268	387.60	NORTH
in space: 8ANW Perim Spc (G.NW1)							
8ANNE Wall (G.WSW2.E6)	0.373	262.50	0.268	1543.50	0.283	1806.00	NORTH
in space: 8AWSW Perim Spc (G.WSW2)							
8ANNE Wall (G.NNE3.E8)	0.000	0.00	0.268	204.00	0.268	204.00	NORTH
in space: 8ANNE Perim Spc (G.NNE3)							
8ANNE Wall (G.NNE5.E9)	0.000	0.00	0.268	429.60	0.268	429.60	NORTH
in space: 8ANNE Perim Spc (G.NNE5)							
8ANNE Wall (G.NNE7.E10)	0.000	0.00	0.268	252.00	0.268	252.00	NORTH
in space: 8ANNE Perim Spc (G.NNE7)							
8ANNE Wall (G.ESE12.E17)	0.000	0.00	0.268	109.20	0.268	109.20	NORTH
in space: 8AESE Perim Spc (G.ESE12)							
8MCNNE Wall (G.NNE1.E3)	0.000	0.00	0.268	597.00	0.268	597.00	NORTH
in space: 8MANNE Perim Spc (G.NNE1)							
8MCNNE Wall (G.SSW2.E6)	0.000	0.00	0.268	846.00	0.268	846.00	NORTH
in space: 8MASSW Perim Spc (G.SSW2)							
10ANNE Wall (G.N8.E12)	0.373	936.88	0.268	401.52	0.342	1338.40	NORTH
in space: 10ANorth Perim Spc (G.N8)							
10ANNE Wall (G.ENE9.E13)	0.373	365.05	0.268	156.45	0.342	521.50	NORTH
in space: 10AENE Perim Spc (G.ENE9)							
10ANNE Wall (G.10.E20)	0.000	0.00	0.268	5535.86	0.268	5535.86	NORTH
in space: 10APlnm (G.10)							
10MNNE Wall (G.N8.E12)	0.000	0.00	0.268	5576.35	0.268	5576.35	NORTH
in space: 10MNorth Perim Spc (G.N8)							
10MNNE Wall (G.ENE9.E13)	0.000	0.00	0.268	2172.79	0.268	2172.79	NORTH
in space: 10MENE Perim Spc (G.ENE9)							
11MCNNE Wall (G.NNE1.E4)	0.000	0.00	0.268	3807.41	0.268	3807.41	NORTH
in space: 11MCNNE Perim Spc (G.NNE1)							
11DBNNE Wall (G.WNW1.E4)	0.000	0.00	0.268	2126.45	0.268	2126.45	NORTH
in space: 11DBWNW Perim Spc (G.WNW1)							
1519NNE Wall (G.WNW6.E3)	0.373	856.24	0.268	111.26	0.361	967.50	NORTH
in space: 1519WNW Perim Spc (G.WNW6)							
1519NNE Wall (G.NNE7.E4)	0.373	2730.00	0.268	355.50	0.361	3085.50	NORTH
in space: 1519NNE Perim Spc (G.NNE7)							
1519NNE Wall (G.E8.E6)	0.408	750.00	0.268	16.50	0.405	766.50	NORTH
in space: 1519East Perim Spc (G.E8)							
1519NNE Wall (G.14.E23)	0.000	0.00	0.268	867.51	0.268	867.51	NORTH
in space: 1519Plnm (G.14)							
1519NNE Wall (M.WNW20.E26)	0.373	1427.06	0.268	185.44	0.361	1612.50	NORTH
in space: 1519WNW Perim Spc (M.WNW20)							

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1519NNE Wall (M.NNE21.E27)	0.373	4550.00	0.268	592.50	0.361	5142.50	NORTH
in space: 1519NNE Perim Spc (M.NNE21)							
1519NNE Wall (M.E22.E29)	0.408	1250.00	0.268	27.50	0.405	1277.50	NORTH
in space: 1519East Perim Spc (M.E22)							
1519NNE Wall (M.28.E46)	0.000	0.00	0.268	1445.85	0.268	1445.85	NORTH
in space: 1519Plnm (M.28)							
1519NNE Wall (T.WNW34.E49)	0.373	285.41	0.268	166.09	0.334	451.50	NORTH
in space: 1519WNW Perim Spc (T.WNW34)							
1519NNE Wall (T.NNE35.E50)	0.373	910.00	0.268	529.90	0.334	1439.90	NORTH
in space: 1519NNE Perim Spc (T.NNE35)							
1519NNE Wall (T.E36.E52)	0.408	250.00	0.268	107.70	0.366	357.70	NORTH
in space: 1519East Perim Spc (T.E36)							
1519NNE Wall (T.42.E69)	0.000	0.00	0.268	289.17	0.268	289.17	NORTH
in space: 1519Plnm (T.42)							
2026NNE Wall (G.E6.E1)	0.408	250.00	0.268	107.70	0.366	357.70	NORTH
in space: 2026East Perim Spc (G.E6)							
2026NNE Wall (G.WNW7.E5)	0.373	285.41	0.268	166.09	0.334	451.50	NORTH
in space: 2026WNW Perim Spc (G.WNW7)							
2026NNE Wall (G.NNE8.E6)	0.373	910.00	0.268	529.90	0.334	1439.90	NORTH
in space: 2026NNE Perim Spc (G.NNE8)							
2026NNE Wall (G.14.E20)	0.000	0.00	0.268	289.17	0.268	289.17	NORTH
in space: 2026Plnm (G.14)							
2026NNE Wall (M.E20.E21)	0.408	1250.00	0.268	27.50	0.405	1277.50	NORTH
in space: 2026East Perim Spc (M.E20)							
2026NNE Wall (M.WNW21.E25)	0.373	1427.06	0.268	185.44	0.361	1612.50	NORTH
in space: 2026WNW Perim Spc (M.WNW21)							
2026NNE Wall (M.NNE22.E26)	0.373	4550.00	0.268	592.50	0.361	5142.50	NORTH
in space: 2026NNE Perim Spc (M.NNE22)							
2026NNE Wall (M.28.E40)	0.000	0.00	0.268	1445.85	0.268	1445.85	NORTH
in space: 2026Plnm (M.28)							
2026NNE Wall (T.E34.E41)	0.408	250.00	0.268	107.70	0.366	357.70	NORTH
in space: 2026East Perim Spc (T.E34)							
2026NNE Wall (T.WNW35.E45)	0.373	285.41	0.268	166.09	0.334	451.50	NORTH
in space: 2026WNW Perim Spc (T.WNW35)							
2026NNE Wall (T.NNE36.E46)	0.373	910.00	0.268	529.90	0.334	1439.90	NORTH
in space: 2026NNE Perim Spc (T.NNE36)							
2026NNE Wall (T.42.E60)	0.000	0.00	0.268	289.17	0.268	289.17	NORTH
in space: 2026Plnm (T.42)							
27MCNNE Wall (G.E6.E1)	0.000	0.00	0.268	459.90	0.268	459.90	NORTH
in space: 27MCEast Perim Spc (G.E6)							
27MCNNE Wall (G.WNW7.E5)	0.000	0.00	0.268	580.50	0.268	580.50	NORTH
in space: 27MCWNW Perim Spc (G.WNW7)							
27MCNNE Wall (G.NNE8.E6)	0.000	0.00	0.268	1851.30	0.268	1851.30	NORTH
in space: 27MCNNE Perim Spc (G.NNE8)							
28NNE Wall (G.NNW5.E2)	0.373	328.78	0.268	191.32	0.334	520.10	NORTH
in space: 28NNW Perim Spc (G.NNW5)							
28NNE Wall (G.NNE6.E3)	0.373	329.66	0.268	191.84	0.334	521.50	NORTH
in space: 28NNE Perim Spc (G.NNE6)							
28NNE Wall (G.E7.E4)	0.408	245.00	0.268	112.70	0.364	357.70	NORTH
in space: 28East Perim Spc (G.E7)							
28NNE Wall (G.13.E16)	0.000	0.00	0.268	199.90	0.268	199.90	NORTH
in space: 28Plnm (G.13)							
2936NNE Wall (M.NNW18.E18)	0.373	2630.22	0.268	282.34	0.363	2912.56	NORTH
in space: 2936NNW Perim Spc (M.NNW18)							
2936NNE Wall (M.NNE19.E19)	0.373	2637.30	0.268	283.10	0.363	2920.40	NORTH
in space: 2936NNE Perim Spc (M.NNE19)							
2936NNE Wall (M.E20.E20)	0.408	1960.00	0.268	43.12	0.405	2003.12	NORTH
in space: 2936East Perim Spc (M.E20)							

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2936NNE Wall (M.26.E32)	0.000	0.00	0.268	1599.20	0.268	1599.20	NORTH
in space: 2936Plnm (M.26)							
3744NNE Wall (M.NNW18.E18)	0.373	2630.22	0.268	282.34	0.363	2912.56	NORTH
in space: 3744NNW Perim Spc (M.NNW18)							
3744NNE Wall (M.NNE19.E19)	0.373	2637.30	0.268	283.10	0.363	2920.40	NORTH
in space: 3744NNE Perim Spc (M.NNE19)							
3744NNE Wall (M.E20.E20)	0.408	1960.00	0.268	43.12	0.405	2003.12	NORTH
in space: 3744East Perim Spc (M.E20)							
3744NNE Wall (M.26.E32)	0.000	0.00	0.268	1599.20	0.268	1599.20	NORTH
in space: 3744Plnm (M.26)							
45NNE Wall (T.NNW31.E34)	0.373	328.78	0.268	191.32	0.334	520.10	NORTH
in space: 45NNW Perim Spc (T.NNW31)							
45NNE Wall (T.NNE32.E35)	0.373	329.66	0.268	191.84	0.334	521.50	NORTH
in space: 45NNE Perim Spc (T.NNE32)							
45NNE Wall (T.E33.E36)	0.408	245.00	0.268	112.70	0.364	357.70	NORTH
in space: 45East Perim Spc (T.E33)							
45NNE Wall (T.39.E48)	0.000	0.00	0.268	199.90	0.268	199.90	NORTH
in space: 45Plnm (T.39)							
46MCNNE Wall (T.NNW31.E34)	0.000	0.00	0.268	668.70	0.268	668.70	NORTH
in space: 46MCNNW Perim Spc (T.NNW31)							
46MCNNE Wall (T.NNE32.E35)	0.000	0.00	0.268	670.50	0.268	670.50	NORTH
in space: 46MCNNE Perim Spc (T.NNE32)							
46MCNNE Wall (T.E33.E36)	0.000	0.00	0.268	459.90	0.268	459.90	NORTH
in space: 46MCEast Perim Spc (T.E33)							
46MCNNE Wall (T.39.E48)	0.000	0.00	0.268	199.90	0.268	199.90	NORTH
in space: 46MCPlnm (T.39)							
47NNE Wall (G.NNW1.E2)	0.373	259.20	0.268	32.40	0.361	291.60	NORTH
in space: 47NNW Perim Spc (G.NNW1)							
47NNE Wall (G.NNW1.E4)	0.373	97.44	0.268	12.18	0.361	109.62	NORTH
in space: 47NNW Perim Spc (G.NNW1)							
47NNE Wall (G.ENE7.E15)	0.406	270.00	0.268	27.00	0.393	297.00	NORTH
in space: 47ENE Perim Spc (G.ENE7)							
47NNE Wall (G.NE8.E17)	0.373	338.88	0.268	42.36	0.361	381.24	NORTH
in space: 47NE Perim Spc (G.NE8)							
47NNE Wall (G.13.E23)	0.000	0.00	0.268	55.00	0.268	55.00	NORTH
in space: 47Plnm (G.13)							
47NNE Wall (G.13.E25)	0.000	0.00	0.268	124.60	0.268	124.60	NORTH
in space: 47Plnm (G.13)							
47NNE Wall (G.13.E27)	0.000	0.00	0.268	20.30	0.268	20.30	NORTH
in space: 47Plnm (G.13)							
4856NNE Wall (M.NNW14.E29)	0.373	2332.80	0.268	291.60	0.361	2624.40	NORTH
in space: 4856NNW Perim Spc (M.NNW14)							
4856NNE Wall (M.NNW14.E31)	0.373	876.96	0.268	109.62	0.361	986.58	NORTH
in space: 4856NNW Perim Spc (M.NNW14)							
4856NNE Wall (M.ENE20.E41)	0.406	2429.99	0.268	243.01	0.393	2673.00	NORTH
in space: 4856ENE Perim Spc (M.ENE20)							
4856NNE Wall (M.NE21.E43)	0.373	3049.92	0.268	381.24	0.361	3431.16	NORTH
in space: 4856NE Perim Spc (M.NE21)							
4856NNE Wall (M.26.E49)	0.000	0.00	0.268	495.00	0.268	495.00	NORTH
in space: 4856Plnm (M.26)							
4856NNE Wall (M.26.E51)	0.000	0.00	0.268	1121.40	0.268	1121.40	NORTH
in space: 4856Plnm (M.26)							
4856NNE Wall (M.26.E53)	0.000	0.00	0.268	182.70	0.268	182.70	NORTH
in space: 4856Plnm (M.26)							
5765NNE Wall (M.NNW14.E29)	0.373	2332.80	0.268	291.60	0.361	2624.40	NORTH
in space: 5765NNW Perim Spc (M.NNW14)							
5765NNE Wall (M.NNW14.E31)	0.373	876.96	0.268	109.62	0.361	986.58	NORTH
in space: 5765NNW Perim Spc (M.NNW14)							

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5765NNE Wall (M.ENE20.E41)	0.406	2429.99	0.268	243.01	0.393	2673.00	NORTH
in space: 5765ENE Perim Spc (M.ENE20)							
5765NNE Wall (M.NE21.E43)	0.373	3049.92	0.268	381.24	0.361	3431.16	NORTH
in space: 5765NE Perim Spc (M.NE21)							
5765NNE Wall (M.26.E49)	0.000	0.00	0.268	495.00	0.268	495.00	NORTH
in space: 5765Plnm (M.26)							
5765NNE Wall (M.26.E51)	0.000	0.00	0.268	1121.40	0.268	1121.40	NORTH
in space: 5765Plnm (M.26)							
5765NNE Wall (M.26.E53)	0.000	0.00	0.268	182.70	0.268	182.70	NORTH
in space: 5765Plnm (M.26)							
66NNE Wall (T.NNW27.E55)	0.373	259.20	0.268	118.80	0.340	378.00	NORTH
in space: 66NNW Perim Spc (T.NNW27)							
66NNE Wall (T.NNW27.E57)	0.373	97.44	0.268	44.66	0.340	142.10	NORTH
in space: 66NNW Perim Spc (T.NNW27)							
66NNE Wall (T.ENE33.E67)	0.406	270.00	0.268	115.00	0.365	385.00	NORTH
in space: 66ENE Perim Spc (T.ENE33)							
66NNE Wall (T.NE34.E69)	0.373	338.88	0.268	155.32	0.340	494.20	NORTH
in space: 66NE Perim Spc (T.NE34)							
66NNE Wall (T.39.E75)	0.000	0.00	0.268	55.00	0.268	55.00	NORTH
in space: 66Plnm (T.39)							
66NNE Wall (T.39.E77)	0.000	0.00	0.268	124.60	0.268	124.60	NORTH
in space: 66Plnm (T.39)							
66NNE Wall (T.39.E79)	0.000	0.00	0.268	20.30	0.268	20.30	NORTH
in space: 66Plnm (T.39)							
67MCNNE Wall (G.NNW1.E2)	0.000	0.00	0.268	756.00	0.268	756.00	NORTH
in space: 67MCNNW Perim Spc (G.NNW1)							
67MCNNE Wall (G.NNW1.E4)	0.000	0.00	0.268	284.20	0.268	284.20	NORTH
in space: 67MCNNW Perim Spc (G.NNW1)							
67MCNNE Wall (G.ENE7.E14)	0.000	0.00	0.268	770.00	0.268	770.00	NORTH
in space: 67MCENE Perim Spc (G.ENE7)							
67MCNNE Wall (G.NE8.E16)	0.000	0.00	0.268	988.40	0.268	988.40	NORTH
in space: 67MCNE Perim Spc (G.NE8)							
68NNE Wall (G.NNW1.E2)	0.373	230.40	0.268	38.40	0.358	268.80	NORTH
in space: 68NNW Perim Spc (G.NNW1)							
68NNE Wall (G.NNW1.E4)	0.373	192.00	0.268	32.00	0.358	224.00	NORTH
in space: 68NNW Perim Spc (G.NNW1)							
68NNE Wall (G.NE2.E6)	0.373	447.00	0.268	74.50	0.358	521.50	NORTH
in space: 68NE Perim Spc (G.NE2)							
68NNE Wall (G.ESE3.E12)	0.401	350.00	0.268	35.00	0.389	385.00	NORTH
in space: 68ESE Perim Spc (G.ESE3)							
68NNE Wall (G.11.E30)	0.000	0.00	0.268	55.00	0.268	55.00	NORTH
in space: 68Plnm (G.11)							
68NNE Wall (G.11.E32)	0.000	0.00	0.268	112.90	0.268	112.90	NORTH
in space: 68Plnm (G.11)							
68NNE Wall (G.11.E34)	0.000	0.00	0.268	32.00	0.268	32.00	NORTH
in space: 68Plnm (G.11)							
68DBNNE Wall (G.WNW1.E4)	0.000	0.00	0.268	105.00	0.268	105.00	NORTH
in space: 68DBWNW Perim Spc (G.WNW1)							
GNNE Wall (G.E6.E10)	0.572	304.17	0.268	11.48	0.561	315.65	NORTH
in space: GEast Perim Spc (G.E6)							
68DBNNE Wall (G.WNW1.E6)	0.000	0.00	0.268	456.00	0.268	456.00	NORTH
in space: 68DBWNW Perim Spc (G.WNW1)							
68DBNNE Wall (G.2.E10)	0.000	0.00	0.268	7.00	0.268	7.00	NORTH
in space: 68DBPlnm (G.2)							
GNNE Wall (G.NNE7.E11)	0.572	715.28	0.268	27.22	0.561	742.50	NORTH
in space: GNNE Perim Spc (G.NNE7)							
68DBNNE Wall (G.2.E12)	0.000	0.00	0.268	30.40	0.268	30.40	NORTH
in space: 68DBPlnm (G.2)							

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69NNE Wall (G.NNW1.E2)	0.373	230.40	0.268	38.40	0.358	268.80	NORTH
in space: 69NNW Perim Spc (G.NNW1)							
69NNE Wall (G.NNW1.E4)	0.373	192.00	0.268	32.00	0.358	224.00	NORTH
in space: 69NNW Perim Spc (G.NNW1)							
69NNE Wall (G.NE2.E6)	0.373	447.00	0.268	74.50	0.358	521.50	NORTH
in space: 69NE Perim Spc (G.NE2)							
69NNE Wall (G.ESE3.E12)	0.401	350.00	0.268	35.00	0.389	385.00	NORTH
in space: 69ESE Perim Spc (G.ESE3)							
69NNE Wall (G.11.E30)	0.000	0.00	0.268	55.00	0.268	55.00	NORTH
in space: 69Plnm (G.11)							
69NNE Wall (G.11.E32)	0.000	0.00	0.268	112.90	0.268	112.90	NORTH
in space: 69Plnm (G.11)							
69NNE Wall (G.11.E34)	0.000	0.00	0.268	32.00	0.268	32.00	NORTH
in space: 69Plnm (G.11)							
70NNE Wall (G.NNW1.E2)	0.373	153.60	0.268	19.20	0.361	172.80	NORTH
in space: 70NNW Perim Spc (G.NNW1)							
70NNE Wall (G.NNW1.E4)	0.373	184.32	0.268	23.04	0.361	207.36	NORTH
in space: 70NNW Perim Spc (G.NNW1)							
70NNE Wall (G.NE5.E12)	0.373	357.60	0.268	44.70	0.361	402.30	NORTH
in space: 70NE Perim Spc (G.NE5)							
70NNE Wall (G.ENE6.E13)	0.406	270.00	0.268	27.00	0.393	297.00	NORTH
in space: 70ENE Perim Spc (G.ENE6)							
70NNE Wall (G.12.E24)	0.000	0.00	0.268	55.00	0.268	55.00	NORTH
in space: 70Plnm (G.12)							
70NNE Wall (G.12.E26)	0.000	0.00	0.268	112.90	0.268	112.90	NORTH
in space: 70Plnm (G.12)							
70NNE Wall (G.12.E28)	0.000	0.00	0.268	32.00	0.268	32.00	NORTH
in space: 70Plnm (G.12)							
7179NNE Wall (M.NNW13.E30)	0.373	1382.40	0.268	172.80	0.361	1555.20	NORTH
in space: 7179NNW Perim Spc (M.NNW13)							
7179NNE Wall (M.NNW13.E32)	0.373	1658.88	0.268	207.36	0.361	1866.24	NORTH
in space: 7179NNW Perim Spc (M.NNW13)							
7179NNE Wall (M.NE17.E40)	0.373	3218.40	0.268	402.30	0.361	3620.70	NORTH
in space: 7179NE Perim Spc (M.NE17)							
7179NNE Wall (M.ENE18.E41)	0.406	2429.99	0.268	243.01	0.393	2673.00	NORTH
in space: 7179ENE Perim Spc (M.ENE18)							
7179NNE Wall (M.24.E52)	0.000	0.00	0.268	495.00	0.268	495.00	NORTH
in space: 7179Plnm (M.24)							
7179NNE Wall (M.24.E54)	0.000	0.00	0.268	1016.10	0.268	1016.10	NORTH
in space: 7179Plnm (M.24)							
7179NNE Wall (M.24.E56)	0.000	0.00	0.268	288.00	0.268	288.00	NORTH
in space: 7179Plnm (M.24)							
8087NNE Wall (M.NNW13.E30)	0.373	1228.80	0.268	153.60	0.361	1382.40	NORTH
in space: 8087NNW Perim Spc (M.NNW13)							
8087NNE Wall (M.NNW13.E32)	0.373	1474.56	0.268	184.32	0.361	1658.88	NORTH
in space: 8087NNW Perim Spc (M.NNW13)							
8087NNE Wall (M.NE17.E40)	0.373	2860.80	0.268	357.60	0.361	3218.40	NORTH
in space: 8087NE Perim Spc (M.NE17)							
8087NNE Wall (M.ENE18.E41)	0.406	2159.99	0.268	216.01	0.393	2376.00	NORTH
in space: 8087ENE Perim Spc (M.ENE18)							
8087NNE Wall (M.24.E52)	0.000	0.00	0.268	440.00	0.268	440.00	NORTH
in space: 8087Plnm (M.24)							
8087NNE Wall (M.24.E54)	0.000	0.00	0.268	903.20	0.268	903.20	NORTH
in space: 8087Plnm (M.24)							
8087NNE Wall (M.24.E56)	0.000	0.00	0.268	256.00	0.268	256.00	NORTH
in space: 8087Plnm (M.24)							
88NNE Wall (T.NNW25.E58)	0.373	153.60	0.268	70.40	0.340	224.00	NORTH
in space: 88NNW Perim Spc (T.NNW25)							

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88NNE Wall (T.NNW25.E60)	0.373	184.32	0.268	84.48	0.340	268.80	NORTH
in space: 88NNW Perim Spc (T.NNW25)							
88NNE Wall (T.NE29.E68)	0.373	357.60	0.268	163.90	0.340	521.50	NORTH
in space: 88NE Perim Spc (T.NE29)							
88NNE Wall (T.ENE30.E69)	0.406	270.00	0.268	115.00	0.365	385.00	NORTH
in space: 88ENE Perim Spc (T.ENE30)							
88NNE Wall (T.36.E80)	0.000	0.00	0.268	55.00	0.268	55.00	NORTH
in space: 88Plnm (T.36)							
88NNE Wall (T.36.E82)	0.000	0.00	0.268	112.90	0.268	112.90	NORTH
in space: 88Plnm (T.36)							
88NNE Wall (T.36.E84)	0.000	0.00	0.268	32.00	0.268	32.00	NORTH
in space: 88Plnm (T.36)							
89NNE Wall (G.NNW1.E2)	0.373	460.80	0.268	76.80	0.358	537.60	NORTH
in space: 89NNW Perim Spc (G.NNW1)							
89NNE Wall (G.NNW1.E4)	0.373	384.00	0.268	64.00	0.358	448.00	NORTH
in space: 89NNW Perim Spc (G.NNW1)							
89NNE Wall (G.NE2.E6)	0.373	894.00	0.268	149.00	0.358	1043.00	NORTH
in space: 89NE Perim Spc (G.NE2)							
89NNE Wall (G.S6.E13)	0.000	0.00	0.268	284.20	0.268	284.20	NORTH
in space: 89South Perim Spc (G.S6)							
89NNE Wall (G.11.E22)	0.000	0.00	0.268	40.60	0.268	40.60	NORTH
in space: 89Plnm (G.11)							
89NNE Wall (G.11.E25)	0.000	0.00	0.268	225.80	0.268	225.80	NORTH
in space: 89Plnm (G.11)							
89NNE Wall (G.11.E27)	0.000	0.00	0.268	64.00	0.268	64.00	NORTH
in space: 89Plnm (G.11)							
89DBNNE Wall (G.WNW1.E4)	0.373	1250.00	0.268	482.50	0.344	1732.50	NORTH
in space: 89DBWNW Perim Spc (G.WNW1)							
89DBNNE Wall (G.2.E8)	0.000	0.00	0.268	110.00	0.268	110.00	NORTH
in space: 89DBPlnm (G.2)							
90NNE Wall (G.NNW1.E2)	0.373	460.80	0.268	76.80	0.358	537.60	NORTH
in space: 90NNW Perim Spc (G.NNW1)							
90NNE Wall (G.NNW1.E4)	0.373	384.00	0.268	64.00	0.358	448.00	NORTH
in space: 90NNW Perim Spc (G.NNW1)							
90NNE Wall (G.NE2.E6)	0.373	894.00	0.268	149.00	0.358	1043.00	NORTH
in space: 90NE Perim Spc (G.NE2)							
90NNE Wall (G.S6.E13)	0.000	0.00	0.268	284.20	0.268	284.20	NORTH
in space: 90South Perim Spc (G.S6)							
90NNE Wall (G.11.E22)	0.000	0.00	0.268	40.60	0.268	40.60	NORTH
in space: 90Plnm (G.11)							
90NNE Wall (G.11.E25)	0.000	0.00	0.268	225.80	0.268	225.80	NORTH
in space: 90Plnm (G.11)							
90NNE Wall (G.11.E27)	0.000	0.00	0.268	64.00	0.268	64.00	NORTH
in space: 90Plnm (G.11)							
91NNE Wall (G.NNW1.E2)	0.405	238.00	0.268	30.80	0.390	268.80	NORTH
in space: 91NNW Perim Spc (G.NNW1)							
91NNE Wall (G.NNW1.E4)	0.407	210.00	0.268	14.00	0.398	224.00	NORTH
in space: 91NNW Perim Spc (G.NNW1)							
91NNE Wall (G.NE2.E6)	0.398	490.00	0.268	31.50	0.390	521.50	NORTH
in space: 91NE Perim Spc (G.NE2)							
91NNE Wall (G.ESE11.E15)	0.000	0.00	0.268	385.00	0.268	385.00	NORTH
in space: 91ESE Perim Spc (G.ESE11)							
91NNE Wall (G.12.E23)	0.000	0.00	0.268	55.00	0.268	55.00	NORTH
in space: 91Plnm (G.12)							
91NNE Wall (G.12.E25)	0.000	0.00	0.268	112.90	0.268	112.90	NORTH
in space: 91Plnm (G.12)							
91NNE Wall (G.12.E27)	0.000	0.00	0.268	32.00	0.268	32.00	NORTH
in space: 91Plnm (G.12)							

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92NNE Wall (G.NNW1.E2)	0.405	238.00	0.268	30.80	0.390	268.80	NORTH
in space: 92NNW Perim Spc (G.NNW1)							
92NNE Wall (G.NNW1.E4)	0.407	210.00	0.268	14.00	0.398	224.00	NORTH
in space: 92NNW Perim Spc (G.NNW1)							
92NNE Wall (G.NE2.E6)	0.398	490.00	0.268	31.50	0.390	521.50	NORTH
in space: 92NE Perim Spc (G.NE2)							
92NNE Wall (G.ESE11.E15)	0.000	0.00	0.268	385.00	0.268	385.00	NORTH
in space: 92ESE Perim Spc (G.ESE11)							
92NNE Wall (G.12.E23)	0.000	0.00	0.268	55.00	0.268	55.00	NORTH
in space: 92Plnm (G.12)							
92NNE Wall (G.12.E25)	0.000	0.00	0.268	112.90	0.268	112.90	NORTH
in space: 92Plnm (G.12)							
92NNE Wall (G.12.E27)	0.000	0.00	0.268	32.00	0.268	32.00	NORTH
in space: 92Plnm (G.12)							
GNNE Wall (G.NNE15.E21)	0.572	994.16	0.268	37.84	0.561	1032.00	NORTH
in space: GNNE Perim Spc (G.NNE15)							
GNNE Wall (G.NW2.E3)	0.572	255.76	0.268	9.72	0.561	265.48	NORTH
in space: GNW Perim Spc (G.NW2)							
Exterior Wall 884	0.000	0.00	0.268	2988.00	0.268	2988.00	EAST
in space: 93MERSpace							
25ESE Wall (G.ESE9.E12)	0.000	0.00	0.307	1870.76	0.307	1870.76	EAST
in space: 25ESE Perim Spc (G.ESE9)							
25ESE Wall (T.ESE41.E42)	0.000	0.00	0.307	1870.76	0.307	1870.76	EAST
in space: 25ESE Perim Spc (T.ESE41)							
GESE Wall (G.E6.E9)	0.000	0.00	0.307	591.00	0.307	591.00	EAST
in space: GEast Perim Spc (G.E6)							
1MESE Wall (G.ESE7.E12)	0.000	0.00	0.307	1562.76	0.307	1562.76	EAST
in space: 1MESE Perim Spc (G.ESE7)							
25ESE Wall (M.ESE25.E27)	0.000	0.00	0.307	3741.51	0.307	3741.51	EAST
in space: 25ESE Perim Spc (M.ESE25)							
5765ESE Wall (M.ESE19.E39)	0.373	2308.61	0.268	937.87	0.343	3246.48	EAST
in space: 5765ESE Perim Spc (M.ESE19)							
5765ESE Wall (M.ENE20.E40)	0.373	1617.41	0.268	657.07	0.343	2274.48	EAST
in space: 5765ENE Perim Spc (M.ENE20)							
2026ESE Wall (G.ESE10.E9)	0.373	236.47	0.268	231.13	0.321	467.60	EAST
in space: 2026ESE Perim Spc (G.ESE10)							
5765ESE Wall (M.NE21.E42)	0.373	753.41	0.268	306.07	0.343	1059.48	EAST
in space: 5765NE Perim Spc (M.NE21)							
2026ESE Wall (G.S13.E13)	0.373	110.45	0.268	107.95	0.321	218.40	EAST
in space: 2026South Perim Spc (G.S13)							
5765ESE Wall (M.26.E48)	0.000	0.00	0.268	1380.60	0.268	1380.60	EAST
in space: 5765Plnm (M.26)							
2026ESE Wall (G.14.E19)	0.000	0.00	0.268	157.68	0.268	157.68	EAST
in space: 2026Plnm (G.14)							
5765ESE Wall (M.26.E50)	0.000	0.00	0.268	196.20	0.268	196.20	EAST
in space: 5765Plnm (M.26)							
10AESE Wall (G.10.E19)	0.000	0.00	0.268	4896.22	0.268	4896.22	EAST
in space: 10APlnm (G.10)							
GESE Wall (G.ESE11.E16)	0.000	0.00	0.307	1724.25	0.307	1724.25	EAST
in space: GESE Perim Spc (G.ESE11)							
2026ESE Wall (M.E20.E22)	0.373	1366.44	0.268	563.56	0.342	1930.00	EAST
in space: 2026East Perim Spc (M.E20)							
10MESE Wall (G.ESE4.E4)	0.000	0.00	0.268	901.20	0.268	901.20	EAST
in space: 10MESE Perim Spc (G.ESE4)							
66ESE Wall (T.SSE31.E63)	0.373	152.83	0.268	125.77	0.326	278.60	EAST
in space: 66SSE Perim Spc (T.SSE31)							
66ESE Wall (T.ESE32.E65)	0.373	256.51	0.268	211.09	0.326	467.60	EAST
in space: 66ESE Perim Spc (T.ESE32)							

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66ESE Wall (T.ENE33.E66)	0.373	179.71	0.268	147.89	0.326	327.60	EAST
in space: 66ENE Perim Spc (T.ENE33)							
10MESE Wall (G.ESE6.E5)	0.000	0.00	0.268	1047.02	0.268	1047.02	EAST
in space: 10MESE Perim Spc (G.ESE6)							
66ESE Wall (T.NE34.E68)	0.373	83.71	0.268	68.89	0.326	152.60	EAST
in space: 66NE Perim Spc (T.NE34)							
2026ESE Wall (M.ESE24.E29)	0.373	1182.36	0.268	487.64	0.342	1670.00	EAST
in space: 2026ESE Perim Spc (M.ESE24)							
66ESE Wall (T.39.E74)	0.000	0.00	0.268	153.40	0.268	153.40	EAST
in space: 66Plnm (T.39)							
2026ESE Wall (M.S27.E33)	0.373	552.24	0.268	227.76	0.342	780.00	EAST
in space: 2026South Perim Spc (M.S27)							
66ESE Wall (T.39.E76)	0.000	0.00	0.268	21.80	0.268	21.80	EAST
in space: 66Plnm (T.39)							
2026ESE Wall (M.28.E39)	0.000	0.00	0.268	788.40	0.268	788.40	EAST
in space: 2026Plnm (M.28)							
10MESE Wall (G.SSW7.E7)	0.000	0.00	0.268	2557.77	0.268	2557.77	EAST
in space: 10MSSW Perim Spc (G.SSW7)							
Exterior Wall 894	0.000	0.00	0.268	1080.00	0.268	1080.00	EAST
in space: 6MC Top Spc							
2026ESE Wall (T.E34.E42)	0.410	205.00	0.268	335.40	0.322	540.40	EAST
in space: 2026East Perim Spc (T.E34)							
67MCESE Wall (G.SSE5.E10)	0.000	0.00	0.268	557.20	0.268	557.20	EAST
in space: 67MCSSE Perim Spc (G.SSE5)							
67MCESE Wall (G.ESE6.E12)	0.000	0.00	0.268	935.20	0.268	935.20	EAST
in space: 67MCESE Perim Spc (G.ESE6)							
67MCESE Wall (G.ENE7.E13)	0.000	0.00	0.268	655.20	0.268	655.20	EAST
in space: 67MCENE Perim Spc (G.ENE7)							
GESE Wall (G.18.E30)	0.000	0.00	0.268	20.70	0.268	20.70	EAST
in space: GPlnm (G.18)							
67MCESE Wall (G.NE8.E15)	0.000	0.00	0.268	305.20	0.268	305.20	EAST
in space: 67MCNE Perim Spc (G.NE8)							
10MESE Wall (G.ENE9.E14)	0.000	0.00	0.268	2347.78	0.268	2347.78	EAST
in space: 10MENE Perim Spc (G.ENE9)							
2026ESE Wall (T.ESE38.E49)	0.373	236.47	0.268	231.13	0.321	467.60	EAST
in space: 2026ESE Perim Spc (T.ESE38)							
2026ESE Wall (T.S41.E53)	0.373	110.45	0.268	107.95	0.321	218.40	EAST
in space: 2026South Perim Spc (T.S41)							
68ESE Wall (G.NE2.E5)	0.373	132.00	0.268	60.50	0.340	192.50	EAST
in space: 68NE Perim Spc (G.NE2)							
2026ESE Wall (T.42.E59)	0.000	0.00	0.268	157.68	0.268	157.68	EAST
in space: 2026Plnm (T.42)							
68ESE Wall (G.NE2.E7)	0.000	0.00	0.268	136.50	0.268	136.50	EAST
in space: 68NE Perim Spc (G.NE2)							
68ESE Wall (G.ESE3.E11)	0.373	22.56	0.268	10.34	0.340	32.90	EAST
in space: 68ESE Perim Spc (G.ESE3)							
11MCESE Wall (G.NNE1.E3)	0.000	0.00	0.268	914.82	0.268	914.82	EAST
in space: 11MCNNE Perim Spc (G.NNE1)							
68ESE Wall (G.S6.E17)	0.000	0.00	0.268	278.60	0.268	278.60	EAST
in space: 68South Perim Spc (G.S6)							
68ESE Wall (G.ESE9.E19)	0.000	0.00	0.268	373.80	0.268	373.80	EAST
in space: 68ESE Perim Spc (G.ESE9)							
68ESE Wall (G.C10.E20)	0.000	0.00	0.268	93.80	0.268	93.80	EAST
in space: 68Core Spc (G.C10)							
68ESE Wall (G.11.E25)	0.000	0.00	0.268	126.10	0.268	126.10	EAST
in space: 68Plnm (G.11)							
68ESE Wall (G.11.E29)	0.000	0.00	0.268	4.70	0.268	4.70	EAST
in space: 68Plnm (G.11)							

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25ESE Wall (T.ESE42.E43)	0.000	0.00	0.307	1547.88	0.307	1547.88	EAST
in space: 25ESE Perim Spc (T.ESE42)							
68ESE Wall (G.11.E31)	0.000	0.00	0.268	27.50	0.268	27.50	EAST
in space: 68Plnm (G.11)							
27MCESE Wall (G.E6.E2)	0.000	0.00	0.268	694.80	0.268	694.80	EAST
in space: 27MCEast Perim Spc (G.E6)							
11MCESE Wall (G.WSW5.E11)	0.000	0.00	0.268	708.63	0.268	708.63	EAST
in space: 11MCWSW Perim Spc (G.WSW5)							
68DBESE Wall (G.WNW1.E3)	0.373	2059.20	0.268	85.80	0.369	2145.00	EAST
in space: 68DBWNW Perim Spc (G.WNW1)							
11MCESE Wall (G.SE6.E13)	0.000	0.00	0.268	1161.30	0.268	1161.30	EAST
in space: 11MCSE Perim Spc (G.SE6)							
27MCESE Wall (G.ESE10.E9)	0.000	0.00	0.268	601.20	0.268	601.20	EAST
in space: 27MCESE Perim Spc (G.ESE10)							
27MCESE Wall (G.S13.E13)	0.000	0.00	0.268	280.80	0.268	280.80	EAST
in space: 27MCSouth Perim Spc (G.S13)							
68DBESE Wall (G.2.E9)	0.000	0.00	0.268	143.00	0.268	143.00	EAST
in space: 68DBPlnm (G.2)							
11DBESE Wall (G.WNW1.E3)	0.000	0.00	0.268	4529.80	0.268	4529.80	EAST
in space: 11DBWNW Perim Spc (G.WNW1)							
GESE Wall (G.SSW12.E18)	0.000	0.00	0.268	123.75	0.268	123.75	EAST
in space: GSSW Perim Spc (G.SSW12)							
GESE Wall (G.NNE15.E20)	0.000	0.00	0.268	155.25	0.268	155.25	EAST
in space: GNNE Perim Spc (G.NNE15)							
28ESE Wall (G.E7.E5)	0.373	273.29	0.268	267.11	0.321	540.40	EAST
in space: 28East Perim Spc (G.E7)							
28ESE Wall (G.ESE8.E6)	0.373	236.47	0.268	231.13	0.321	467.60	EAST
in space: 28ESE Perim Spc (G.ESE8)							
69ESE Wall (G.NE2.E5)	0.373	132.00	0.268	60.50	0.340	192.50	EAST
in space: 69NE Perim Spc (G.NE2)							
28ESE Wall (G.S9.E7)	0.373	110.45	0.268	107.95	0.321	218.40	EAST
in space: 28South Perim Spc (G.S9)							
69ESE Wall (G.NE2.E7)	0.000	0.00	0.268	136.50	0.268	136.50	EAST
in space: 69NE Perim Spc (G.NE2)							
69ESE Wall (G.ESE3.E11)	0.373	22.56	0.268	10.34	0.340	32.90	EAST
in space: 69ESE Perim Spc (G.ESE3)							
28ESE Wall (G.13.E15)	0.000	0.00	0.268	175.20	0.268	175.20	EAST
in space: 28Plnm (G.13)							
69ESE Wall (G.S6.E17)	0.000	0.00	0.268	278.60	0.268	278.60	EAST
in space: 69South Perim Spc (G.S6)							
69ESE Wall (G.ESE9.E19)	0.000	0.00	0.268	373.80	0.268	373.80	EAST
in space: 69ESE Perim Spc (G.ESE9)							
69ESE Wall (G.C10.E20)	0.000	0.00	0.268	93.80	0.268	93.80	EAST
in space: 69Core Spc (G.C10)							
69ESE Wall (G.11.E25)	0.000	0.00	0.268	126.10	0.268	126.10	EAST
in space: 69Plnm (G.11)							
69ESE Wall (G.11.E29)	0.000	0.00	0.268	4.70	0.268	4.70	EAST
in space: 69Plnm (G.11)							
25ESE Wall (M.ESE26.E28)	0.000	0.00	0.307	3095.75	0.307	3095.75	EAST
in space: 25ESE Perim Spc (M.ESE26)							
69ESE Wall (G.11.E31)	0.000	0.00	0.268	27.50	0.268	27.50	EAST
in space: 69Plnm (G.11)							
GESE Wall (G.ESE10.E14)	0.000	0.00	0.268	336.00	0.268	336.00	EAST
in space: GESE Perim Spc (G.ESE10)							
1519ESE Wall (G.E8.E7)	0.373	819.86	0.268	338.14	0.342	1158.00	EAST
in space: 1519East Perim Spc (G.E8)							
1519ESE Wall (G.ESE9.E8)	0.373	709.42	0.268	292.58	0.342	1002.00	EAST
in space: 1519ESE Perim Spc (G.ESE9)							

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2936ESE Wall (M.E20.E21)	0.373	2186.30	0.268	839.94	0.344	3026.24	EAST
in space: 2936East Perim Spc (M.E20)							
70ESE Wall (G.S4.E9)	0.373	162.43	0.268	65.99	0.343	228.42	EAST
in space: 70South Perim Spc (G.S4)							
70ESE Wall (G.NE5.E11)	0.373	105.60	0.268	42.90	0.343	148.50	EAST
in space: 70NE Perim Spc (G.NE5)							
2936ESE Wall (M.ESE21.E22)	0.373	1891.78	0.268	726.78	0.344	2618.56	EAST
in space: 2936ESE Perim Spc (M.ESE21)							
2936ESE Wall (M.S22.E23)	0.373	883.58	0.268	339.46	0.344	1223.04	EAST
in space: 2936South Perim Spc (M.S22)							
70ESE Wall (G.ENE6.E14)	0.373	164.35	0.268	66.77	0.343	231.12	EAST
in space: 70ENE Perim Spc (G.ENE6)							
70ESE Wall (G.SE7.E16)	0.373	240.38	0.268	97.66	0.343	338.04	EAST
in space: 70SE Perim Spc (G.SE7)							
70ESE Wall (G.12.E21)	0.000	0.00	0.268	42.30	0.268	42.30	EAST
in space: 70Plnm (G.12)							
70ESE Wall (G.12.E23)	0.000	0.00	0.268	105.40	0.268	105.40	EAST
in space: 70Plnm (G.12)							
2936ESE Wall (M.26.E31)	0.000	0.00	0.268	1401.60	0.268	1401.60	EAST
in space: 2936Plnm (M.26)							
70ESE Wall (G.12.E25)	0.000	0.00	0.268	27.50	0.268	27.50	EAST
in space: 70Plnm (G.12)							
1519ESE Wall (G.S10.E10)	0.420	331.20	0.268	136.80	0.376	468.00	EAST
in space: 1519South Perim Spc (G.S10)							
1519ESE Wall (G.SSE11.E11)	0.373	635.08	0.268	261.92	0.342	897.00	EAST
in space: 1519SSE Perim Spc (G.SSE11)							
1519ESE Wall (G.14.E20)	0.000	0.00	0.268	161.46	0.268	161.46	EAST
in space: 1519Plnm (G.14)							
1519ESE Wall (G.14.E22)	0.000	0.00	0.268	473.04	0.268	473.04	EAST
in space: 1519Plnm (G.14)							
7179ESE Wall (M.S16.E37)	0.373	1461.89	0.268	593.89	0.343	2055.78	EAST
in space: 7179South Perim Spc (M.S16)							
7179ESE Wall (M.NE17.E39)	0.373	950.40	0.268	386.10	0.343	1336.50	EAST
in space: 7179NE Perim Spc (M.NE17)							
3744ESE Wall (M.E20.E21)	0.373	2186.30	0.268	839.94	0.344	3026.24	EAST
in space: 3744East Perim Spc (M.E20)							
3744ESE Wall (M.ESE21.E22)	0.373	1891.78	0.268	726.78	0.344	2618.56	EAST
in space: 3744ESE Perim Spc (M.ESE21)							
7179ESE Wall (M.ENE18.E42)	0.373	1479.17	0.268	600.91	0.343	2080.08	EAST
in space: 7179ENE Perim Spc (M.ENE18)							
7179ESE Wall (M.SE19.E44)	0.373	2163.46	0.268	878.90	0.343	3042.36	EAST
in space: 7179SE Perim Spc (M.SE19)							
7179ESE Wall (M.24.E49)	0.000	0.00	0.268	380.70	0.268	380.70	EAST
in space: 7179Plnm (M.24)							
7179ESE Wall (M.24.E51)	0.000	0.00	0.268	948.60	0.268	948.60	EAST
in space: 7179Plnm (M.24)							
3744ESE Wall (M.S22.E23)	0.373	883.58	0.268	339.46	0.344	1223.04	EAST
in space: 3744South Perim Spc (M.S22)							
7179ESE Wall (M.24.E53)	0.000	0.00	0.268	247.50	0.268	247.50	EAST
in space: 7179Plnm (M.24)							
3744ESE Wall (M.26.E31)	0.000	0.00	0.268	1401.60	0.268	1401.60	EAST
in space: 3744Plnm (M.26)							
8AESE Wall (G.ESE12.E16)	0.000	0.00	0.268	1683.60	0.268	1683.60	EAST
in space: 8AESE Perim Spc (G.ESE12)							
25ESE Wall (G.ESE10.E13)	0.000	0.00	0.307	1547.88	0.307	1547.88	EAST
in space: 25ESE Perim Spc (G.ESE10)							
8MCESE Wall (G.NNE1.E2)	0.000	0.00	0.268	473.00	0.268	473.00	EAST
in space: 8MANNE Perim Spc (G.NNE1)							

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8087ESE Wall (M.S16.E37)	0.373	1299.46	0.268	527.90	0.343	1827.36	EAST
in space: 8087South Perim Spc (M.S16)							
8087ESE Wall (M.NE17.E39)	0.373	844.80	0.268	343.20	0.343	1188.00	EAST
in space: 8087NE Perim Spc (M.NE17)							
GESE Wall (G.18.E26)	0.000	0.00	0.268	16.50	0.268	16.50	EAST
in space: GPlnm (G.18)							
45ESE Wall (T.E33.E37)	0.373	273.29	0.268	267.11	0.321	540.40	EAST
in space: 45East Perim Spc (T.E33)							
8087ESE Wall (M.ENE18.E42)	0.373	1314.82	0.268	534.14	0.343	1848.96	EAST
in space: 8087ENE Perim Spc (M.ENE18)							
8087ESE Wall (M.SE19.E44)	0.373	1923.07	0.268	781.25	0.343	2704.32	EAST
in space: 8087SE Perim Spc (M.SE19)							
8087ESE Wall (M.24.E49)	0.000	0.00	0.268	338.40	0.268	338.40	EAST
in space: 8087Plnm (M.24)							
8087ESE Wall (M.24.E51)	0.000	0.00	0.268	843.20	0.268	843.20	EAST
in space: 8087Plnm (M.24)							
45ESE Wall (T.ESE34.E38)	0.373	236.47	0.268	231.13	0.321	467.60	EAST
in space: 45ESE Perim Spc (T.ESE34)							
8087ESE Wall (M.24.E53)	0.000	0.00	0.268	220.00	0.268	220.00	EAST
in space: 8087Plnm (M.24)							
45ESE Wall (T.S35.E39)	0.373	110.45	0.268	107.95	0.321	218.40	EAST
in space: 45South Perim Spc (T.S35)							
45ESE Wall (T.39.E47)	0.000	0.00	0.268	175.20	0.268	175.20	EAST
in space: 45Plnm (T.39)							
1519ESE Wall (M.E22.E30)	0.373	1366.44	0.268	563.56	0.342	1930.00	EAST
in space: 1519East Perim Spc (M.E22)							
1519ESE Wall (M.ESE23.E31)	0.373	1182.36	0.268	487.64	0.342	1670.00	EAST
in space: 1519ESE Perim Spc (M.ESE23)							
88ESE Wall (T.S28.E65)	0.373	162.43	0.268	133.67	0.326	296.10	EAST
in space: 88South Perim Spc (T.S28)							
88ESE Wall (T.NE29.E67)	0.373	105.60	0.268	86.90	0.326	192.50	EAST
in space: 88NE Perim Spc (T.NE29)							
1519ESE Wall (M.S24.E33)	0.373	552.24	0.268	227.76	0.342	780.00	EAST
in space: 1519South Perim Spc (M.S24)							
1519ESE Wall (M.SSE25.E34)	0.373	1058.46	0.268	436.54	0.342	1495.00	EAST
in space: 1519SSE Perim Spc (M.SSE25)							
88ESE Wall (T.ENE30.E70)	0.373	164.35	0.268	135.25	0.326	299.60	EAST
in space: 88ENE Perim Spc (T.ENE30)							
88ESE Wall (T.SE31.E72)	0.373	240.38	0.268	197.82	0.326	438.20	EAST
in space: 88SE Perim Spc (T.SE31)							
88ESE Wall (T.36.E77)	0.000	0.00	0.268	42.30	0.268	42.30	EAST
in space: 88Plnm (T.36)							
88ESE Wall (T.36.E79)	0.000	0.00	0.268	105.40	0.268	105.40	EAST
in space: 88Plnm (T.36)							
46MCESE Wall (T.E33.E37)	0.000	0.00	0.268	694.80	0.268	694.80	EAST
in space: 46MCEast Perim Spc (T.E33)							
88ESE Wall (T.36.E81)	0.000	0.00	0.268	27.50	0.268	27.50	EAST
in space: 88Plnm (T.36)							
46MCESE Wall (T.ESE34.E38)	0.000	0.00	0.268	601.20	0.268	601.20	EAST
in space: 46MCESE Perim Spc (T.ESE34)							
46MCESE Wall (T.S35.E39)	0.000	0.00	0.268	280.80	0.268	280.80	EAST
in space: 46MCSouth Perim Spc (T.S35)							
46MCESE Wall (T.39.E47)	0.000	0.00	0.268	175.20	0.268	175.20	EAST
in space: 46MCPlnm (T.39)							
1519ESE Wall (M.28.E43)	0.000	0.00	0.268	269.10	0.268	269.10	EAST
in space: 1519Plnm (M.28)							
89ESE Wall (G.NE2.E5)	0.000	0.00	0.268	385.00	0.268	385.00	EAST
in space: 89NE Perim Spc (G.NE2)							

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1519ESE Wall (M.28.E45)	0.000	0.00	0.268	788.40	0.268	788.40	EAST
in space: 1519Plnm (M.28)							
89ESE Wall (G.ESE3.E7)	0.000	0.00	0.268	539.00	0.268	539.00	EAST
in space: 89ESE Perim Spc (G.ESE3)							
89ESE Wall (G.S6.E12)	0.373	406.08	0.268	186.12	0.340	592.20	EAST
in space: 89South Perim Spc (G.S6)							
8MCESE Wall (G.SSW2.E5)	0.000	0.00	0.268	947.00	0.268	947.00	EAST
in space: 8MASSW Perim Spc (G.SSW2)							
89ESE Wall (G.ESE9.E15)	0.000	0.00	0.268	747.60	0.268	747.60	EAST
in space: 89ESE Perim Spc (G.ESE9)							
89ESE Wall (G.C10.E16)	0.000	0.00	0.268	189.00	0.268	189.00	EAST
in space: 89Core Spc (G.C10)							
89ESE Wall (G.11.E21)	0.000	0.00	0.268	84.60	0.268	84.60	EAST
in space: 89Plnm (G.11)							
47ESE Wall (G.SSE5.E10)	0.373	152.83	0.268	62.09	0.343	214.92	EAST
in space: 47SSE Perim Spc (G.SSE5)							
89ESE Wall (G.11.E23)	0.000	0.00	0.268	210.80	0.268	210.80	EAST
in space: 89Plnm (G.11)							
89ESE Wall (G.11.E24)	0.000	0.00	0.268	55.00	0.268	55.00	EAST
in space: 89Plnm (G.11)							
47ESE Wall (G.ESE6.E12)	0.373	256.51	0.268	104.21	0.343	360.72	EAST
in space: 47ESE Perim Spc (G.ESE6)							
47ESE Wall (G.ENE7.E13)	0.373	74.12	0.268	36.50	0.338	110.62	EAST
in space: 47ENE Perim Spc (G.ENE7)							
89DBESE Wall (G.WNW1.E3)	0.386	3149.99	0.268	170.11	0.380	3320.10	EAST
in space: 89DBWNW Perim Spc (G.WNW1)							
47ESE Wall (G.ENE7.E14)	0.373	95.81	0.268	33.12	0.346	128.94	EAST
in space: 47ENE Perim Spc (G.ENE7)							
89DBESE Wall (G.2.E7)	0.000	0.00	0.268	210.80	0.268	210.80	EAST
in space: 89DBPlnm (G.2)							
6MCESE Wall (G.ESE5.E9)	0.000	0.00	0.307	6118.20	0.307	6118.20	EAST
in space: 6MCESE Perim Spc (G.ESE5)							
47ESE Wall (G.NE8.E16)	0.373	83.71	0.268	34.01	0.343	117.72	EAST
in space: 47NE Perim Spc (G.NE8)							
10AESE Wall (G.ESE4.E4)	0.000	0.00	0.268	216.30	0.268	216.30	EAST
in space: 10AESE Perim Spc (G.ESE4)							
90ESE Wall (G.NE2.E5)	0.000	0.00	0.268	385.00	0.268	385.00	EAST
in space: 90NE Perim Spc (G.NE2)							
47ESE Wall (G.13.E22)	0.000	0.00	0.268	153.40	0.268	153.40	EAST
in space: 47Plnm (G.13)							
90ESE Wall (G.ESE3.E7)	0.000	0.00	0.268	539.00	0.268	539.00	EAST
in space: 90ESE Perim Spc (G.ESE3)							
90ESE Wall (G.S6.E12)	0.373	406.08	0.268	186.12	0.340	592.20	EAST
in space: 90South Perim Spc (G.S6)							
10AESE Wall (G.ESE6.E5)	0.000	0.00	0.268	251.30	0.268	251.30	EAST
in space: 10AESE Perim Spc (G.ESE6)							
90ESE Wall (G.ESE9.E15)	0.000	0.00	0.268	747.60	0.268	747.60	EAST
in space: 90ESE Perim Spc (G.ESE9)							
90ESE Wall (G.C10.E16)	0.000	0.00	0.268	189.00	0.268	189.00	EAST
in space: 90Core Spc (G.C10)							
90ESE Wall (G.11.E21)	0.000	0.00	0.268	84.60	0.268	84.60	EAST
in space: 90Plnm (G.11)							
47ESE Wall (G.13.E24)	0.000	0.00	0.268	21.80	0.268	21.80	EAST
in space: 47Plnm (G.13)							
90ESE Wall (G.11.E23)	0.000	0.00	0.268	210.80	0.268	210.80	EAST
in space: 90Plnm (G.11)							
90ESE Wall (G.11.E24)	0.000	0.00	0.268	55.00	0.268	55.00	EAST
in space: 90Plnm (G.11)							

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1519ESE Wall (T.E36.E53)	0.373	273.29	0.268	267.11	0.321	540.40	EAST
in space: 1519East Perim Spc (T.E36)							
1519ESE Wall (T.ESE37.E54)	0.373	236.47	0.268	231.13	0.321	467.60	EAST
in space: 1519ESE Perim Spc (T.ESE37)							
1519ESE Wall (T.S38.E56)	0.373	110.45	0.268	107.95	0.321	218.40	EAST
in space: 1519South Perim Spc (T.S38)							
1519ESE Wall (T.SSE39.E57)	0.373	211.69	0.268	206.91	0.321	418.60	EAST
in space: 1519SSE Perim Spc (T.SSE39)							
91ESE Wall (G.NE2.E5)	0.411	168.00	0.268	24.50	0.393	192.50	EAST
in space: 91NE Perim Spc (G.NE2)							
4856ESE Wall (M.SSE18.E37)	0.373	1375.49	0.268	558.79	0.343	1934.28	EAST
in space: 4856SSE Perim Spc (M.SSE18)							
91ESE Wall (G.S6.E11)	0.373	203.04	0.268	93.06	0.340	296.10	EAST
in space: 91South Perim Spc (G.S6)							
91ESE Wall (G.ESE11.E14)	0.000	0.00	0.268	737.80	0.268	737.80	EAST
in space: 91ESE Perim Spc (G.ESE11)							
4856ESE Wall (M.ESE19.E39)	0.373	2308.61	0.268	937.87	0.343	3246.48	EAST
in space: 4856ESE Perim Spc (M.ESE19)							
91ESE Wall (G.12.E20)	0.000	0.00	0.268	42.30	0.268	42.30	EAST
in space: 91Plnm (G.12)							
91ESE Wall (G.12.E22)	0.000	0.00	0.268	105.40	0.268	105.40	EAST
in space: 91Plnm (G.12)							
4856ESE Wall (M.ENE20.E40)	0.373	1617.41	0.268	657.07	0.343	2274.48	EAST
in space: 4856ENE Perim Spc (M.ENE20)							
91ESE Wall (G.12.E24)	0.000	0.00	0.268	27.50	0.268	27.50	EAST
in space: 91Plnm (G.12)							
1519ESE Wall (T.42.E66)	0.000	0.00	0.268	53.82	0.268	53.82	EAST
in space: 1519Plnm (T.42)							
4856ESE Wall (M.NE21.E42)	0.373	753.41	0.268	306.07	0.343	1059.48	EAST
in space: 4856NE Perim Spc (M.NE21)							
1519ESE Wall (T.42.E68)	0.000	0.00	0.268	157.68	0.268	157.68	EAST
in space: 1519Plnm (T.42)							
4856ESE Wall (M.26.E48)	0.000	0.00	0.268	1380.60	0.268	1380.60	EAST
in space: 4856Plnm (M.26)							
92ESE Wall (G.NE2.E5)	0.411	168.00	0.268	24.50	0.393	192.50	EAST
in space: 92NE Perim Spc (G.NE2)							
10AESE Wall (G.SSW7.E7)	0.000	0.00	0.268	613.90	0.268	613.90	EAST
in space: 10ASSW Perim Spc (G.SSW7)							
92ESE Wall (G.S6.E11)	0.000	0.00	0.268	296.10	0.268	296.10	EAST
in space: 92South Perim Spc (G.S6)							
92ESE Wall (G.ESE11.E14)	0.000	0.00	0.268	737.80	0.268	737.80	EAST
in space: 92ESE Perim Spc (G.ESE11)							
4856ESE Wall (M.26.E50)	0.000	0.00	0.268	196.20	0.268	196.20	EAST
in space: 4856Plnm (M.26)							
92ESE Wall (G.12.E20)	0.000	0.00	0.268	42.30	0.268	42.30	EAST
in space: 92Plnm (G.12)							
92ESE Wall (G.12.E22)	0.000	0.00	0.268	105.40	0.268	105.40	EAST
in space: 92Plnm (G.12)							
6MCESE Wall (G.11.E13)	0.000	0.00	0.268	339.90	0.268	339.90	EAST
in space: 6MCPlnm (G.11)							
92ESE Wall (G.12.E24)	0.000	0.00	0.268	27.50	0.268	27.50	EAST
in space: 92Plnm (G.12)							
2026ESE Wall (G.E6.E2)	0.373	273.29	0.268	267.11	0.321	540.40	EAST
in space: 2026East Perim Spc (G.E6)							
GESE Wall (G.18.E28)	0.000	0.00	0.268	353.50	0.268	353.50	EAST
in space: GPlnm (G.18)							
10AESE Wall (G.ENE9.E14)	0.000	0.00	0.268	563.50	0.268	563.50	EAST
in space: 10AENE Perim Spc (G.ENE9)							

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5765ESE Wall (M.SSE18.E37)	0.373	1375.49	0.268	558.79	0.343	1934.28	EAST
in space: 5765SSE Perim Spc (M.SSE18)							
69SSE Wall (G.11.E27)	0.000	0.00	0.268	24.40	0.268	24.40	SOUTH-EAST
in space: 69Plnm (G.11)							
68SSE Wall (G.11.E27)	0.000	0.00	0.268	24.40	0.268	24.40	SOUTH-EAST
in space: 68Plnm (G.11)							
68SSE Wall (G.ESE3.E9)	0.000	0.00	0.268	170.80	0.268	170.80	SOUTH-EAST
in space: 68ESE Perim Spc (G.ESE3)							
69SSE Wall (G.ESE3.E9)	0.000	0.00	0.268	170.80	0.268	170.80	SOUTH-EAST
in space: 69ESE Perim Spc (G.ESE3)							
Exterior Wall 883	0.000	0.00	0.268	2988.00	0.268	2988.00	SOUTH
in space: 93MERSpace							
25SSW Wall (T.SSW35.E35)	0.000	0.00	0.307	428.75	0.307	428.75	SOUTH
in space: 25SSW Perim Spc (T.SSW35)							
68SSW Wall (G.11.E22)	0.000	0.00	0.268	18.00	0.268	18.00	SOUTH
in space: 68Plnm (G.11)							
68SSW Wall (G.11.E24)	0.000	0.00	0.268	126.90	0.268	126.90	SOUTH
in space: 68Plnm (G.11)							
1519SSW Wall (M.WNW20.E25)	0.373	856.24	0.268	756.26	0.324	1612.50	SOUTH
in space: 1519WNW Perim Spc (M.WNW20)							
68SSW Wall (G.11.E26)	0.000	0.00	0.268	30.40	0.268	30.40	SOUTH
in space: 68Plnm (G.11)							
8ASSW Wall (G.ESE12.E18)	0.000	0.00	0.268	121.20	0.268	121.20	SOUTH
in space: 8AESE Perim Spc (G.ESE12)							
68SSW Wall (G.11.E28)	0.000	0.00	0.268	7.00	0.268	7.00	SOUTH
in space: 68Plnm (G.11)							
25SSW Wall (T.W36.E37)	0.000	0.00	0.307	266.00	0.307	266.00	SOUTH
in space: 25West Perim Spc (T.W36)							
1519SSW Wall (M.NNE21.E28)	0.373	755.35	0.268	667.15	0.324	1422.50	SOUTH
in space: 1519NNE Perim Spc (M.NNE21)							
25SSW Wall (T.SSW37.E38)	0.572	2392.34	0.268	125.91	0.557	2518.25	SOUTH
in space: 25SSW Perim Spc (T.SSW37)							
8MCSSW Wall (G.SSW2.E4)	0.373	1200.00	0.268	243.00	0.355	1443.00	SOUTH
in space: 8MASSW Perim Spc (G.SSW2)							
2936SSW Wall (M.S22.E24)	0.410	1607.20	0.268	395.92	0.382	2003.12	SOUTH
in space: 2936South Perim Spc (M.S22)							
68DBSSW Wall (G.WNW1.E2)	0.392	700.00	0.268	125.00	0.373	825.00	SOUTH
in space: 68DBWNW Perim Spc (G.WNW1)							
2936SSW Wall (M.SSW23.E25)	0.373	1582.38	0.268	1338.02	0.325	2920.40	SOUTH
in space: 2936SSW Perim Spc (M.SSW23)							
2936SSW Wall (M.SW24.E26)	0.410	1724.80	0.268	1187.76	0.352	2912.56	SOUTH
in space: 2936SW Perim Spc (M.SW24)							
2936SSW Wall (M.26.E30)	0.000	0.00	0.268	1599.20	0.268	1599.20	SOUTH
in space: 2936Plnm (M.26)							
Exterior Wall 892	0.572	841.00	0.268	59.00	0.552	900.00	SOUTH
in space: 25SSW Perim Spc (T.SSW37)							
68DBSSW Wall (G.2.E8)	0.000	0.00	0.268	55.00	0.268	55.00	SOUTH
in space: 68DBPlnm (G.2)							
1519SSW Wall (M.S24.E32)	0.408	1250.00	0.268	140.00	0.394	1390.00	SOUTH
in space: 1519South Perim Spc (M.S24)							
25SSW Wall (T.SSW40.E41)	0.952	93.50	0.307	1157.75	0.355	1251.25	SOUTH
in space: 25SSW Perim Spc (T.SSW40)							
10ASSW Wall (G.SSW2.E2)	0.000	0.00	0.268	409.50	0.268	409.50	SOUTH
in space: 10ASSW Perim Spc (G.SSW2)							
1519SSW Wall (M.SSE25.E35)	0.373	1121.73	0.268	990.77	0.324	2112.50	SOUTH
in space: 1519SSE Perim Spc (M.SSE25)							
1519SSW Wall (M.W26.E36)	0.373	793.84	0.268	701.16	0.324	1495.00	SOUTH
in space: 1519West Perim Spc (M.W26)							

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1519SSW Wall (M.28.E40)	0.000	0.00	0.268	546.30	0.268	546.30	SOUTH
in space: 1519Plnm (M.28)							
1519SSW Wall (M.28.E42)	0.000	0.00	0.268	649.35	0.268	649.35	SOUTH
in space: 1519Plnm (M.28)							
3744SSW Wall (M.S22.E24)	0.410	1607.20	0.268	395.92	0.382	2003.12	SOUTH
in space: 3744South Perim Spc (M.S22)							
3744SSW Wall (M.SSW23.E25)	0.373	1582.38	0.268	1338.02	0.325	2920.40	SOUTH
in space: 3744SSW Perim Spc (M.SSW23)							
69SSW Wall (G.ESE3.E8)	0.000	0.00	0.268	212.80	0.268	212.80	SOUTH
in space: 69ESE Perim Spc (G.ESE3)							
3744SSW Wall (M.SW24.E26)	0.410	1724.80	0.268	1187.76	0.352	2912.56	SOUTH
in space: 3744SW Perim Spc (M.SW24)							
69SSW Wall (G.ESE3.E10)	0.000	0.00	0.268	49.00	0.268	49.00	SOUTH
in space: 69ESE Perim Spc (G.ESE3)							
3744SSW Wall (M.26.E30)	0.000	0.00	0.268	1599.20	0.268	1599.20	SOUTH
in space: 3744Plnm (M.26)							
25SSW Wall (G.SSW8.E11)	0.952	93.50	0.307	1157.75	0.355	1251.25	SOUTH
in space: 25SSW Perim Spc (G.SSW8)							
69SSW Wall (G.W4.E13)	0.000	0.00	0.268	126.00	0.268	126.00	SOUTH
in space: 69West Perim Spc (G.W4)							
69SSW Wall (G.SW5.E16)	0.373	188.64	0.268	178.16	0.322	366.80	SOUTH
in space: 69SW Perim Spc (G.SW5)							
1519SSW Wall (M.28.E44)	0.000	0.00	0.268	250.20	0.268	250.20	SOUTH
in space: 1519Plnm (M.28)							
69SSW Wall (G.S6.E18)	0.373	268.20	0.268	253.30	0.322	521.50	SOUTH
in space: 69South Perim Spc (G.S6)							
GSSW Wall (G.18.E23)	0.000	0.00	0.268	222.40	0.268	222.40	SOUTH
in space: GPlnm (G.18)							
10ASSW Wall (G.SSW7.E6)	0.373	505.05	0.268	505.05	0.321	1010.10	SOUTH
in space: 10ASSW Perim Spc (G.SSW7)							
69SSW Wall (G.11.E22)	0.000	0.00	0.268	18.00	0.268	18.00	SOUTH
in space: 69Plnm (G.11)							
69SSW Wall (G.11.E24)	0.000	0.00	0.268	126.90	0.268	126.90	SOUTH
in space: 69Plnm (G.11)							
1519SSW Wall (T.WNW34.E48)	0.373	171.25	0.268	280.25	0.308	451.50	SOUTH
in space: 1519WNW Perim Spc (T.WNW34)							
69SSW Wall (G.11.E26)	0.000	0.00	0.268	30.40	0.268	30.40	SOUTH
in space: 69Plnm (G.11)							
GSSW Wall (G.18.E25)	0.000	0.00	0.268	212.80	0.268	212.80	SOUTH
in space: GPlnm (G.18)							
69SSW Wall (G.11.E28)	0.000	0.00	0.268	7.00	0.268	7.00	SOUTH
in space: 69Plnm (G.11)							
10ASSW Wall (G.N8.E10)	0.000	0.00	0.268	440.30	0.268	440.30	SOUTH
in space: 10ANorth Perim Spc (G.N8)							
1519SSW Wall (T.NNE35.E51)	0.373	151.07	0.268	247.23	0.308	398.30	SOUTH
in space: 1519NNE Perim Spc (T.NNE35)							
45SSW Wall (T.S35.E40)	0.410	200.90	0.268	156.80	0.348	357.70	SOUTH
in space: 45South Perim Spc (T.S35)							
45SSW Wall (T.SSW36.E41)	0.373	197.80	0.268	323.70	0.308	521.50	SOUTH
in space: 45SSW Perim Spc (T.SSW36)							
45SSW Wall (T.SW37.E42)	0.410	215.60	0.268	304.50	0.327	520.10	SOUTH
in space: 45SW Perim Spc (T.SW37)							
45SSW Wall (T.39.E46)	0.000	0.00	0.268	199.90	0.268	199.90	SOUTH
in space: 45Plnm (T.39)							
GSSW Wall (G.SSW4.E6)	0.000	0.00	0.307	367.50	0.307	367.50	SOUTH
in space: GSSW Perim Spc (G.SSW4)							
70SSW Wall (G.W2.E5)	0.000	0.00	0.268	97.20	0.268	97.20	SOUTH
in space: 70West Perim Spc (G.W2)							

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70SSW Wall (G.SW3.E8)	0.373	150.91	0.268	132.05	0.324	282.96	SOUTH
in space: 70SW Perim Spc (G.SW3)							
GSSW Wall (G.18.E27)	0.000	0.00	0.268	40.10	0.268	40.10	SOUTH
in space: GPlnm (G.18)							
70SSW Wall (G.S4.E10)	0.373	305.42	0.268	206.50	0.331	511.92	SOUTH
in space: 70South Perim Spc (G.S4)							
1MSSW Wall (G.SW4.E8)	0.000	0.00	0.307	306.80	0.307	306.80	SOUTH
in space: 1MSW Perim Spc (G.SW4)							
1519SSW Wall (T.S38.E55)	0.408	250.00	0.268	139.20	0.358	389.20	SOUTH
in space: 1519South Perim Spc (T.S38)							
10ASSW Wall (G.10.E16)	0.000	0.00	0.268	2529.37	0.268	2529.37	SOUTH
in space: 10APlnm (G.10)							
10ASSW Wall (G.10.E18)	0.000	0.00	0.268	3006.49	0.268	3006.49	SOUTH
in space: 10APlnm (G.10)							
70SSW Wall (G.SE7.E15)	0.410	183.60	0.268	3.78	0.408	187.38	SOUTH
in space: 70SE Perim Spc (G.SE7)							
1519SSW Wall (T.SSE39.E58)	0.373	224.35	0.268	367.15	0.308	591.50	SOUTH
in space: 1519SSE Perim Spc (T.SSE39)							
70SSW Wall (G.12.E18)	0.000	0.00	0.268	18.00	0.268	18.00	SOUTH
in space: 70Plnm (G.12)							
70SSW Wall (G.12.E20)	0.000	0.00	0.268	147.20	0.268	147.20	SOUTH
in space: 70Plnm (G.12)							
1519SSW Wall (T.W40.E59)	0.373	158.77	0.268	259.83	0.308	418.60	SOUTH
in space: 1519West Perim Spc (T.W40)							
70SSW Wall (G.12.E22)	0.000	0.00	0.268	34.70	0.268	34.70	SOUTH
in space: 70Plnm (G.12)							
46MCSSW Wall (T.S35.E40)	0.000	0.00	0.268	459.90	0.268	459.90	SOUTH
in space: 46MCSouth Perim Spc (T.S35)							
46MCSSW Wall (T.SSW36.E41)	0.000	0.00	0.268	670.50	0.268	670.50	SOUTH
in space: 46MCSSW Perim Spc (T.SSW36)							
46MCSSW Wall (T.SW37.E42)	0.000	0.00	0.268	668.70	0.268	668.70	SOUTH
in space: 46MCSW Perim Spc (T.SW37)							
46MCSSW Wall (T.39.E46)	0.000	0.00	0.268	199.90	0.268	199.90	SOUTH
in space: 46MCPlnm (T.39)							
1519SSW Wall (T.42.E63)	0.000	0.00	0.268	109.26	0.268	109.26	SOUTH
in space: 1519Plnm (T.42)							
1519SSW Wall (T.42.E65)	0.000	0.00	0.268	129.87	0.268	129.87	SOUTH
in space: 1519Plnm (T.42)							
1MSSW Wall (G.SSW5.E9)	0.000	0.00	0.268	1151.20	0.268	1151.20	SOUTH
in space: 1MSSW Perim Spc (G.SSW5)							
7179SSW Wall (M.W14.E33)	0.000	0.00	0.268	874.80	0.268	874.80	SOUTH
in space: 7179West Perim Spc (M.W14)							
7179SSW Wall (M.SW15.E36)	0.373	1358.20	0.268	1188.44	0.324	2546.64	SOUTH
in space: 7179SW Perim Spc (M.SW15)							
1519SSW Wall (T.42.E67)	0.000	0.00	0.268	50.04	0.268	50.04	SOUTH
in space: 1519Plnm (T.42)							
7179SSW Wall (M.S16.E38)	0.373	2748.82	0.268	1858.46	0.331	4607.28	SOUTH
in space: 7179South Perim Spc (M.S16)							
47SSW Wall (G.W2.E5)	0.000	0.00	0.268	97.20	0.268	97.20	SOUTH
in space: 47West Perim Spc (G.W2)							
47SSW Wall (G.SW3.E8)	0.410	183.60	0.268	120.42	0.354	304.02	SOUTH
in space: 47SW Perim Spc (G.SW3)							
47SSW Wall (G.SSW4.E9)	0.373	214.56	0.268	187.74	0.324	402.30	SOUTH
in space: 47SSW Perim Spc (G.SSW4)							
GSSW Wall (G.SSW12.E17)	0.572	1537.48	0.268	58.52	0.561	1596.00	SOUTH
in space: GSSW Perim Spc (G.SSW12)							
7179SSW Wall (M.SE19.E43)	0.410	1652.39	0.268	34.03	0.408	1686.42	SOUTH
in space: 7179SE Perim Spc (M.SE19)							

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47SSW Wall (G.SSE5.E11)	0.408	216.00	0.268	59.94	0.378	275.94	SOUTH
in space: 47SSE Perim Spc (G.SSE5)							
7179SSW Wall (M.24.E46)	0.000	0.00	0.268	162.00	0.268	162.00	SOUTH
in space: 7179Plnm (M.24)							
7179SSW Wall (M.24.E48)	0.000	0.00	0.268	1324.80	0.268	1324.80	SOUTH
in space: 7179Plnm (M.24)							
10MSSW Wall (G.SSW2.E2)	0.000	0.00	0.268	1706.15	0.268	1706.15	SOUTH
in space: 10MSSW Perim Spc (G.SSW2)							
7179SSW Wall (M.24.E50)	0.000	0.00	0.268	312.30	0.268	312.30	SOUTH
in space: 7179Plnm (M.24)							
25SSW Wall (M.SSW19.E20)	0.000	0.00	0.307	857.50	0.307	857.50	SOUTH
in space: 25SSW Perim Spc (M.SSW19)							
6MCSSW Wall (G.SSW6.E10)	0.373	2080.00	0.268	3100.40	0.310	5180.40	SOUTH
in space: 6MCSSW Perim Spc (G.SSW6)							
2026SSW Wall (G.WNW7.E4)	0.412	171.20	0.268	280.30	0.323	451.50	SOUTH
in space: 2026WNW Perim Spc (G.WNW7)							
10MSSW Wall (G.SSW7.E6)	0.000	0.00	0.268	4208.51	0.268	4208.51	SOUTH
in space: 10MSSW Perim Spc (G.SSW7)							
6MCSSW Wall (G.11.E12)	0.000	0.00	0.268	287.80	0.268	287.80	SOUTH
in space: 6MCPlnm (G.11)							
47SSW Wall (G.13.E19)	0.000	0.00	0.268	18.00	0.268	18.00	SOUTH
in space: 47Plnm (G.13)							
47SSW Wall (G.13.E21)	0.000	0.00	0.268	181.90	0.268	181.90	SOUTH
in space: 47Plnm (G.13)							
8087SSW Wall (M.W14.E33)	0.000	0.00	0.268	777.60	0.268	777.60	SOUTH
in space: 8087West Perim Spc (M.W14)							
8087SSW Wall (M.SW15.E36)	0.373	1207.29	0.268	1056.39	0.324	2263.68	SOUTH
in space: 8087SW Perim Spc (M.SW15)							
2026SSW Wall (G.NNE8.E7)	0.373	151.07	0.268	247.23	0.308	398.30	SOUTH
in space: 2026NNE Perim Spc (G.NNE8)							
8087SSW Wall (M.S16.E38)	0.373	2443.39	0.268	1651.97	0.331	4095.36	SOUTH
in space: 8087South Perim Spc (M.S16)							
10MSSW Wall (G.N8.E10)	0.000	0.00	0.268	1834.48	0.268	1834.48	SOUTH
in space: 10MNorth Perim Spc (G.N8)							
2026SSW Wall (G.SW11.E10)	0.409	220.00	0.268	198.60	0.342	418.60	SOUTH
in space: 2026SW Perim Spc (G.SW11)							
2026SSW Wall (G.SSW12.E12)	0.373	236.30	0.268	386.70	0.308	623.00	SOUTH
in space: 2026SSW Perim Spc (G.SSW12)							
25SSW Wall (M.W20.E22)	0.000	0.00	0.307	532.00	0.307	532.00	SOUTH
in space: 25West Perim Spc (M.W20)							
8087SSW Wall (M.SE19.E43)	0.410	1468.79	0.268	30.25	0.408	1499.04	SOUTH
in space: 8087SE Perim Spc (M.SE19)							
2026SSW Wall (G.S13.E14)	0.410	210.00	0.268	147.70	0.351	357.70	SOUTH
in space: 2026South Perim Spc (G.S13)							
8087SSW Wall (M.24.E46)	0.000	0.00	0.268	144.00	0.268	144.00	SOUTH
in space: 8087Plnm (M.24)							
8087SSW Wall (M.24.E48)	0.000	0.00	0.268	1177.60	0.268	1177.60	SOUTH
in space: 8087Plnm (M.24)							
2026SSW Wall (G.14.E16)	0.000	0.00	0.268	109.26	0.268	109.26	SOUTH
in space: 2026Plnm (G.14)							
8087SSW Wall (M.24.E50)	0.000	0.00	0.268	277.60	0.268	277.60	SOUTH
in space: 8087Plnm (M.24)							
4856SSW Wall (M.W15.E32)	0.000	0.00	0.268	874.80	0.268	874.80	SOUTH
in space: 4856West Perim Spc (M.W15)							
4856SSW Wall (M.SW16.E35)	0.410	1652.39	0.268	1083.79	0.354	2736.18	SOUTH
in space: 4856SW Perim Spc (M.SW16)							
4856SSW Wall (M.SSW17.E36)	0.373	1931.04	0.268	1689.66	0.324	3620.70	SOUTH
in space: 4856SSW Perim Spc (M.SSW17)							

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2026SSW Wall (G.14.E18)	0.000	0.00	0.268	179.91	0.268	179.91	SOUTH
in space: 2026Plnm (G.14)							
4856SSW Wall (M.SSE18.E38)	0.408	1943.99	0.268	539.47	0.378	2483.46	SOUTH
in space: 4856SSE Perim Spc (M.SSE18)							
25SSW Wall (M.SSW21.E23)	0.572	4784.68	0.268	251.82	0.557	5036.50	SOUTH
in space: 25SSW Perim Spc (M.SSW21)							
Exterior Wall 891	0.572	1682.00	0.268	118.00	0.552	1800.00	SOUTH
in space: 25SSW Perim Spc (M.SSW21)							
88SSW Wall (T.W26.E61)	0.000	0.00	0.268	126.00	0.268	126.00	SOUTH
in space: 88West Perim Spc (T.W26)							
88SSW Wall (T.SW27.E64)	0.373	150.91	0.268	215.89	0.311	366.80	SOUTH
in space: 88SW Perim Spc (T.SW27)							
11MCSSW Wall (G.NNE1.E2)	0.000	0.00	0.268	1438.59	0.268	1438.59	SOUTH
in space: 11MCNNE Perim Spc (G.NNE1)							
88SSW Wall (T.S28.E66)	0.373	305.42	0.268	358.18	0.316	663.60	SOUTH
in space: 88South Perim Spc (T.S28)							
6MCSSW Wall (G.11.E18)	0.000	0.00	0.268	222.40	0.268	222.40	SOUTH
in space: 6MCPlnm (G.11)							
2026SSW Wall (M.WNW21.E24)	0.373	856.24	0.268	756.26	0.324	1612.50	SOUTH
in space: 2026WNW Perim Spc (M.WNW21)							
4856SSW Wall (M.26.E45)	0.000	0.00	0.268	162.00	0.268	162.00	SOUTH
in space: 4856Plnm (M.26)							
4856SSW Wall (M.26.E47)	0.000	0.00	0.268	1637.10	0.268	1637.10	SOUTH
in space: 4856Plnm (M.26)							
88SSW Wall (T.SE31.E71)	0.410	183.60	0.268	59.30	0.376	242.90	SOUTH
in space: 88SE Perim Spc (T.SE31)							
Exterior Wall 893	0.000	0.00	0.268	1080.00	0.268	1080.00	SOUTH
in space: 6MC Top Spc							
88SSW Wall (T.36.E74)	0.000	0.00	0.268	18.00	0.268	18.00	SOUTH
in space: 88Plnm (T.36)							
88SSW Wall (T.36.E76)	0.000	0.00	0.268	147.20	0.268	147.20	SOUTH
in space: 88Plnm (T.36)							
11MCSSW Wall (G.SW3.E6)	0.000	0.00	0.268	445.56	0.268	445.56	SOUTH
in space: 11MCSW Perim Spc (G.SW3)							
88SSW Wall (T.36.E78)	0.000	0.00	0.268	34.70	0.268	34.70	SOUTH
in space: 88Plnm (T.36)							
2026SSW Wall (M.NNE22.E27)	0.373	755.35	0.268	667.15	0.324	1422.50	SOUTH
in space: 2026NNE Perim Spc (M.NNE22)							
11MCSSW Wall (G.SSW4.E8)	0.000	0.00	0.268	264.26	0.268	264.26	SOUTH
in space: 11MCSSW Perim Spc (G.SSW4)							
2026SSW Wall (M.SW25.E30)	0.409	1100.00	0.268	395.00	0.372	1495.00	SOUTH
in space: 2026SW Perim Spc (M.SW25)							
2026SSW Wall (M.SSW26.E32)	0.373	1181.48	0.268	1043.52	0.324	2225.00	SOUTH
in space: 2026SSW Perim Spc (M.SSW26)							
11MCSSW Wall (G.WSW5.E10)	0.000	0.00	0.268	1000.14	0.268	1000.14	SOUTH
in space: 11MCWSW Perim Spc (G.WSW5)							
5765SSW Wall (M.W15.E32)	0.000	0.00	0.268	874.80	0.268	874.80	SOUTH
in space: 5765West Perim Spc (M.W15)							
5765SSW Wall (M.SW16.E35)	0.410	1652.39	0.268	1083.79	0.354	2736.18	SOUTH
in space: 5765SW Perim Spc (M.SW16)							
5765SSW Wall (M.SSW17.E36)	0.373	1931.04	0.268	1689.66	0.324	3620.70	SOUTH
in space: 5765SSW Perim Spc (M.SSW17)							
2026SSW Wall (M.S27.E34)	0.410	1050.00	0.268	227.50	0.384	1277.50	SOUTH
in space: 2026South Perim Spc (M.S27)							
5765SSW Wall (M.SSE18.E38)	0.408	1943.99	0.268	539.47	0.378	2483.46	SOUTH
in space: 5765SSE Perim Spc (M.SSE18)							
89SSW Wall (G.W4.E8)	0.000	0.00	0.268	252.00	0.268	252.00	SOUTH
in space: 89West Perim Spc (G.W4)							

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89SSW Wall (G.SW5.E11)	0.373	377.28	0.268	356.32	0.322	733.60	SOUTH
in space: 89SW Perim Spc (G.SW5)							
2026SSW Wall (M.28.E36)	0.000	0.00	0.268	546.30	0.268	546.30	SOUTH
in space: 2026Plnm (M.28)							
2026SSW Wall (M.28.E38)	0.000	0.00	0.268	899.55	0.268	899.55	SOUTH
in space: 2026Plnm (M.28)							
89SSW Wall (G.S6.E14)	0.373	766.56	0.268	560.64	0.329	1327.20	SOUTH
in space: 89South Perim Spc (G.S6)							
25SSW Wall (M.SSW24.E26)	0.952	187.00	0.307	2315.50	0.355	2502.50	SOUTH
in space: 25SSW Perim Spc (M.SSW24)							
11MCSSW Wall (G.SE6.E12)	0.000	0.00	0.268	658.86	0.268	658.86	SOUTH
in space: 11MCSE Perim Spc (G.SE6)							
89SSW Wall (G.11.E18)	0.000	0.00	0.268	36.00	0.268	36.00	SOUTH
in space: 89Plnm (G.11)							
89SSW Wall (G.11.E20)	0.000	0.00	0.268	294.40	0.268	294.40	SOUTH
in space: 89Plnm (G.11)							
GSSW Wall (G.SSW9.E13)	0.952	84.00	0.307	988.50	0.358	1072.50	SOUTH
in space: GSSW Perim Spc (G.SSW9)							
5765SSW Wall (M.26.E45)	0.000	0.00	0.268	162.00	0.268	162.00	SOUTH
in space: 5765Plnm (M.26)							
5765SSW Wall (M.26.E47)	0.000	0.00	0.268	1637.10	0.268	1637.10	SOUTH
in space: 5765Plnm (M.26)							
11DBSSW Wall (G.WNW1.E2)	0.000	0.00	0.268	2126.45	0.268	2126.45	SOUTH
in space: 11DBWNW Perim Spc (G.WNW1)							
2026SSW Wall (T.WNW35.E44)	0.373	171.25	0.268	280.25	0.308	451.50	SOUTH
in space: 2026WNW Perim Spc (T.WNW35)							
GSSW Wall (G.W5.E8)	0.000	0.00	0.307	228.00	0.307	228.00	SOUTH
in space: GWest Perim Spc (G.W5)							
89DBSSW Wall (G.WNW1.E2)	0.393	1250.00	0.268	482.50	0.358	1732.50	SOUTH
in space: 89DBWNW Perim Spc (G.WNW1)							
8ASSW Wall (G.WSW2.E3)	0.000	0.00	0.268	1456.80	0.268	1456.80	SOUTH
in space: 8AWSW Perim Spc (G.WSW2)							
2026SSW Wall (T.NNE36.E47)	0.373	151.07	0.268	247.23	0.308	398.30	SOUTH
in space: 2026NNE Perim Spc (T.NNE36)							
89DBSSW Wall (G.2.E6)	0.000	0.00	0.268	110.00	0.268	110.00	SOUTH
in space: 89DBPlnm (G.2)							
1519SSW Wall (G.WNW6.E2)	0.412	513.60	0.268	453.90	0.344	967.50	SOUTH
in space: 1519WNW Perim Spc (G.WNW6)							
2026SSW Wall (T.SW39.E50)	0.409	220.00	0.268	198.60	0.342	418.60	SOUTH
in space: 2026SW Perim Spc (T.SW39)							
66SSW Wall (T.W28.E58)	0.000	0.00	0.268	126.00	0.268	126.00	SOUTH
in space: 66West Perim Spc (T.W28)							
66SSW Wall (T.SW29.E61)	0.410	183.60	0.268	210.50	0.334	394.10	SOUTH
in space: 66SW Perim Spc (T.SW29)							
66SSW Wall (T.SSW30.E62)	0.373	214.56	0.268	306.94	0.311	521.50	SOUTH
in space: 66SSW Perim Spc (T.SSW30)							
2026SSW Wall (T.SSW40.E52)	0.373	236.30	0.268	386.70	0.308	623.00	SOUTH
in space: 2026SSW Perim Spc (T.SSW40)							
66SSW Wall (T.SSE31.E64)	0.408	216.00	0.268	141.70	0.353	357.70	SOUTH
in space: 66SSE Perim Spc (T.SSE31)							
90SSW Wall (G.W4.E8)	0.373	129.60	0.268	122.40	0.322	252.00	SOUTH
in space: 90West Perim Spc (G.W4)							
90SSW Wall (G.SW5.E11)	0.373	377.28	0.268	356.32	0.322	733.60	SOUTH
in space: 90SW Perim Spc (G.SW5)							
8ASSW Wall (G.WSW2.E5)	0.000	0.00	0.268	716.40	0.268	716.40	SOUTH
in space: 8AWSW Perim Spc (G.WSW2)							
2026SSW Wall (T.S41.E54)	0.410	210.00	0.268	147.70	0.351	357.70	SOUTH
in space: 2026South Perim Spc (T.S41)							

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90SSW Wall (G.S6.E14)	0.373	766.56	0.268	560.64	0.329	1327.20	SOUTH
in space: 90South Perim Spc (G.S6)							
2026SSW Wall (T.42.E56)	0.000	0.00	0.268	109.26	0.268	109.26	SOUTH
in space: 2026Plnm (T.42)							
2026SSW Wall (T.42.E58)	0.000	0.00	0.268	179.91	0.268	179.91	SOUTH
in space: 2026Plnm (T.42)							
90SSW Wall (G.11.E18)	0.000	0.00	0.268	36.00	0.268	36.00	SOUTH
in space: 90Plnm (G.11)							
90SSW Wall (G.11.E20)	0.000	0.00	0.268	294.40	0.268	294.40	SOUTH
in space: 90Plnm (G.11)							
GSSW Wall (G.ESE11.E15)	0.572	289.72	0.268	11.03	0.561	300.75	SOUTH
in space: GESE Perim Spc (G.ESE11)							
66SSW Wall (T.39.E71)	0.000	0.00	0.268	18.00	0.268	18.00	SOUTH
in space: 66Plnm (T.39)							
66SSW Wall (T.39.E73)	0.000	0.00	0.268	181.90	0.268	181.90	SOUTH
in space: 66Plnm (T.39)							
1519SSW Wall (G.NNE7.E5)	0.373	453.21	0.268	400.29	0.324	853.50	SOUTH
in space: 1519NNE Perim Spc (G.NNE7)							
25SSW Wall (G.SSW3.E5)	0.000	0.00	0.307	428.75	0.307	428.75	SOUTH
in space: 25SSW Perim Spc (G.SSW3)							
25SSW Wall (G.W4.E7)	0.000	0.00	0.268	266.00	0.268	266.00	SOUTH
in space: 25West Perim Spc (G.W4)							
27MCSSW Wall (G.WNW7.E4)	0.000	0.00	0.268	580.50	0.268	580.50	SOUTH
in space: 27MCWNW Perim Spc (G.WNW7)							
25SSW Wall (G.SSW5.E8)	0.572	2392.34	0.268	125.91	0.557	2518.25	SOUTH
in space: 25SSW Perim Spc (G.SSW5)							
1519SSW Wall (G.S10.E9)	0.408	750.00	0.268	84.00	0.394	834.00	SOUTH
in space: 1519South Perim Spc (G.S10)							
27MCSSW Wall (G.NNE8.E7)	0.000	0.00	0.268	512.10	0.268	512.10	SOUTH
in space: 27MCNNE Perim Spc (G.NNE8)							
91SSW Wall (G.W4.E7)	0.000	0.00	0.268	126.00	0.268	126.00	SOUTH
in space: 91West Perim Spc (G.W4)							
91SSW Wall (G.SW5.E10)	0.000	0.00	0.268	366.80	0.268	366.80	SOUTH
in space: 91SW Perim Spc (G.SW5)							
67MCSSW Wall (G.W2.E5)	0.000	0.00	0.268	252.00	0.268	252.00	SOUTH
in space: 67MCWest Perim Spc (G.W2)							
91SSW Wall (G.S6.E12)	0.000	0.00	0.268	663.60	0.268	663.60	SOUTH
in space: 91South Perim Spc (G.S6)							
91SSW Wall (G.ESE11.E13)	0.000	0.00	0.268	242.90	0.268	242.90	SOUTH
in space: 91ESE Perim Spc (G.ESE11)							
67MCSSW Wall (G.SW3.E8)	0.000	0.00	0.268	788.20	0.268	788.20	SOUTH
in space: 67MCSW Perim Spc (G.SW3)							
67MCSSW Wall (G.SSW4.E9)	0.000	0.00	0.268	1043.00	0.268	1043.00	SOUTH
in space: 67MCSSW Perim Spc (G.SSW4)							
91SSW Wall (G.12.E17)	0.000	0.00	0.268	18.00	0.268	18.00	SOUTH
in space: 91Plnm (G.12)							
91SSW Wall (G.12.E19)	0.000	0.00	0.268	147.20	0.268	147.20	SOUTH
in space: 91Plnm (G.12)							
8ASSW Wall (G.SW9.E12)	0.000	0.00	0.268	355.20	0.268	355.20	SOUTH
in space: 8ASW Perim Spc (G.SW9)							
91SSW Wall (G.12.E21)	0.000	0.00	0.268	34.70	0.268	34.70	SOUTH
in space: 91Plnm (G.12)							
67MCSSW Wall (G.SSE5.E11)	0.000	0.00	0.268	715.40	0.268	715.40	SOUTH
in space: 67MCSSE Perim Spc (G.SSE5)							
27MCSSW Wall (G.SW11.E10)	0.000	0.00	0.268	538.20	0.268	538.20	SOUTH
in space: 27MCSW Perim Spc (G.SW11)							
27MCSSW Wall (G.SSW12.E12)	0.000	0.00	0.268	801.00	0.268	801.00	SOUTH
in space: 27MCSSW Perim Spc (G.SSW12)							

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8ASSW Wall (G.WSW10.E13)	0.000	0.00	0.268	306.00	0.268	306.00	SOUTH
in space: 8AWSW Perim Spc (G.WSW10)							
27MCSSW Wall (G.S13.E14)	0.000	0.00	0.268	459.90	0.268	459.90	SOUTH
in space: 27MCSouth Perim Spc (G.S13)							
1519SSW Wall (G.SSE11.E12)	0.373	673.04	0.268	594.46	0.324	1267.50	SOUTH
in space: 1519SSE Perim Spc (G.SSE11)							
1519SSW Wall (G.W12.E13)	0.373	476.31	0.268	420.69	0.324	897.00	SOUTH
in space: 1519West Perim Spc (G.W12)							
1519SSW Wall (G.14.E17)	0.000	0.00	0.268	327.78	0.268	327.78	SOUTH
in space: 1519Plnm (G.14)							
1519SSW Wall (G.14.E19)	0.000	0.00	0.268	389.61	0.268	389.61	SOUTH
in space: 1519Plnm (G.14)							
92SSW Wall (G.W4.E7)	0.000	0.00	0.268	126.00	0.268	126.00	SOUTH
in space: 92West Perim Spc (G.W4)							
92SSW Wall (G.SW5.E10)	0.000	0.00	0.268	366.80	0.268	366.80	SOUTH
in space: 92SW Perim Spc (G.SW5)							
8ASSW Wall (G.SSW11.E15)	0.000	0.00	0.268	232.80	0.268	232.80	SOUTH
in space: 8ASSW Perim Spc (G.SSW11)							
92SSW Wall (G.S6.E12)	0.000	0.00	0.268	663.60	0.268	663.60	SOUTH
in space: 92South Perim Spc (G.S6)							
92SSW Wall (G.ESE11.E13)	0.000	0.00	0.268	242.90	0.268	242.90	SOUTH
in space: 92ESE Perim Spc (G.ESE11)							
1519SSW Wall (G.14.E21)	0.000	0.00	0.268	150.12	0.268	150.12	SOUTH
in space: 1519Plnm (G.14)							
68SSW Wall (G.ESE3.E8)	0.000	0.00	0.268	212.80	0.268	212.80	SOUTH
in space: 68ESE Perim Spc (G.ESE3)							
92SSW Wall (G.12.E17)	0.000	0.00	0.268	18.00	0.268	18.00	SOUTH
in space: 92Plnm (G.12)							
92SSW Wall (G.12.E19)	0.000	0.00	0.268	147.20	0.268	147.20	SOUTH
in space: 92Plnm (G.12)							
28SSW Wall (G.S9.E8)	0.410	200.90	0.268	156.80	0.348	357.70	SOUTH
in space: 28South Perim Spc (G.S9)							
92SSW Wall (G.12.E21)	0.000	0.00	0.268	34.70	0.268	34.70	SOUTH
in space: 92Plnm (G.12)							
68SSW Wall (G.ESE3.E10)	0.000	0.00	0.268	49.00	0.268	49.00	SOUTH
in space: 68ESE Perim Spc (G.ESE3)							
28SSW Wall (G.SSW10.E9)	0.411	197.80	0.268	323.70	0.322	521.50	SOUTH
in space: 28SSW Perim Spc (G.SSW10)							
28SSW Wall (G.SW11.E10)	0.410	215.60	0.268	304.50	0.327	520.10	SOUTH
in space: 28SW Perim Spc (G.SW11)							
68SSW Wall (G.W4.E13)	0.000	0.00	0.268	126.00	0.268	126.00	SOUTH
in space: 68West Perim Spc (G.W4)							
68SSW Wall (G.SW5.E16)	0.373	188.64	0.268	178.16	0.322	366.80	SOUTH
in space: 68SW Perim Spc (G.SW5)							
28SSW Wall (G.13.E14)	0.000	0.00	0.268	199.90	0.268	199.90	SOUTH
in space: 28Plnm (G.13)							
68SSW Wall (G.S6.E18)	0.373	268.20	0.268	253.30	0.322	521.50	SOUTH
in space: 68South Perim Spc (G.S6)							
Exterior Wall 887	0.572	841.00	0.268	59.00	0.552	900.00	SOUTH
in space: 25SSW Perim Spc (G.SSW5)							
6MCSSW Wall (G.WSW1.E2)	0.000	0.00	0.307	4003.29	0.307	4003.29	SOUTH
in space: 6MCWSW Perim Spc (G.WSW1)							
1MSSW Wall (G.SW3.E6)	0.985	52.50	0.307	530.28	0.368	582.78	SOUTH
in space: 1MSW Perim Spc (G.SW3)							
1MWest Wall (G.SW3.E5)	0.972	225.00	0.307	166.28	0.690	391.28	SOUTH-WEST
in space: 1MSW Perim Spc (G.SW3)							
GWest Wall (G.W8.E12)	0.964	450.00	0.307	283.65	0.710	733.65	SOUTH-WEST
in space: GWest Perim Spc (G.W8)							

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25West Wall (T.W39.E40)	0.963	542.50	0.307	313.43	0.723	855.92	SOUTH-WEST
in space: 25West Perim Spc (T.W39)							
6MCWest Wall (G.WSW1.E1)	0.000	0.00	0.307	1760.76	0.307	1760.76	SOUTH-WEST
in space: 6MCWSW Perim Spc (G.WSW1)							
GWest Wall (G.18.E22)	0.000	0.00	0.268	97.82	0.268	97.82	SOUTH-WEST
in space: GPlnm (G.18)							
25West Wall (G.W7.E10)	0.963	542.50	0.307	313.43	0.723	855.92	SOUTH-WEST
in space: 25West Perim Spc (G.W7)							
25West Wall (M.W23.E25)	0.963	1085.00	0.307	626.85	0.723	1711.85	SOUTH-WEST
in space: 25West Perim Spc (M.W23)							
6MCWest Wall (G.11.E17)	0.000	0.00	0.268	97.82	0.268	97.82	SOUTH-WEST
in space: 6MCPlnm (G.11)							
Exterior Wall 886	0.000	0.00	0.268	2988.00	0.268	2988.00	WEST
in space: 93MERSpace							
6MCWNW Wall (G.N2.E4)	0.000	0.00	0.268	1036.82	0.268	1036.82	WEST
in space: 6MCNorth Perim Spc (G.N2)							
10AWNW Wall (G.N8.E9)	0.373	337.61	0.268	144.69	0.342	482.30	WEST
in space: 10ANorth Perim Spc (G.N8)							
25WNW Wall (G.W4.E6)	0.000	0.00	0.307	448.88	0.307	448.88	WEST
in space: 25West Perim Spc (G.W4)							
2026WNW Wall (G.SW11.E11)	0.373	97.56	0.268	120.84	0.315	218.40	WEST
in space: 2026SW Perim Spc (G.SW11)							
2936WNW Wall (M.SW24.E27)	0.373	780.50	0.268	442.54	0.335	1223.04	WEST
in space: 2936SW Perim Spc (M.SW24)							
70WNW Wall (G.12.E27)	0.000	0.00	0.268	27.50	0.268	27.50	WEST
in space: 70Plnm (G.12)							
5765WNW Wall (M.26.E44)	0.000	0.00	0.268	1112.40	0.268	1112.40	WEST
in space: 5765Plnm (M.26)							
7179WNW Wall (M.NNW13.E29)	0.415	1263.59	0.268	72.91	0.407	1336.50	WEST
in space: 7179NNW Perim Spc (M.NNW13)							
2936WNW Wall (M.WNW25.E28)	0.373	1671.07	0.268	947.49	0.335	2618.56	WEST
in space: 2936WNW Perim Spc (M.WNW25)							
7179WNW Wall (M.NNW13.E31)	0.408	1943.99	0.268	136.09	0.399	2080.08	WEST
in space: 7179NNW Perim Spc (M.NNW13)							
5765WNW Wall (M.26.E46)	0.000	0.00	0.268	268.20	0.268	268.20	WEST
in space: 5765Plnm (M.26)							
2936WNW Wall (M.26.E29)	0.000	0.00	0.268	1401.60	0.268	1401.60	WEST
in space: 2936Plnm (M.26)							
7179WNW Wall (M.W14.E34)	0.373	2292.66	0.268	1357.20	0.334	3649.86	WEST
in space: 7179West Perim Spc (M.W14)							
7179WNW Wall (M.SW15.E35)	0.373	909.73	0.268	538.55	0.334	1448.28	WEST
in space: 7179SW Perim Spc (M.SW15)							
10AWNW Wall (G.N8.E11)	0.373	16.17	0.268	6.93	0.342	23.10	WEST
in space: 10ANorth Perim Spc (G.N8)							
25WNW Wall (M.W20.E21)	0.000	0.00	0.307	897.75	0.307	897.75	WEST
in space: 25West Perim Spc (M.W20)							
1519WNW Wall (G.W12.E14)	0.373	853.67	0.268	511.33	0.334	1365.00	WEST
in space: 1519West Perim Spc (G.W12)							
3744WNW Wall (M.NNW18.E17)	0.405	2744.00	0.268	282.24	0.393	3026.24	WEST
in space: 3744NNW Perim Spc (M.NNW18)							
5765WNW Wall (M.26.E52)	0.000	0.00	0.268	196.20	0.268	196.20	WEST
in space: 5765Plnm (M.26)							
2026WNW Wall (G.14.E15)	0.000	0.00	0.268	69.48	0.268	69.48	WEST
in space: 2026Plnm (G.14)							
66WNW Wall (T.NNW27.E54)	0.407	237.60	0.268	90.00	0.369	327.60	WEST
in space: 66NNW Perim Spc (T.NNW27)							
1519WNW Wall (G.WNW13.E15)	0.373	626.65	0.268	375.35	0.334	1002.00	WEST
in space: 1519WNW Perim Spc (G.WNW13)							

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66WNW Wall (T.NNW27.E56)	0.373	73.95	0.268	78.65	0.319	152.60	WEST
in space: 66NNW Perim Spc (T.NNW27)							
7179WNW Wall (M.24.E45)	0.000	0.00	0.268	1061.10	0.268	1061.10	WEST
in space: 7179Plnm (M.24)							
2026WNW Wall (G.14.E17)	0.000	0.00	0.268	88.20	0.268	88.20	WEST
in space: 2026Plnm (G.14)							
7179WNW Wall (M.24.E47)	0.000	0.00	0.268	268.20	0.268	268.20	WEST
in space: 7179Plnm (M.24)							
1519WNW Wall (G.14.E16)	0.000	0.00	0.268	208.44	0.268	208.44	WEST
in space: 1519Plnm (G.14)							
66WNW Wall (T.W28.E59)	0.373	260.51	0.268	277.09	0.319	537.60	WEST
in space: 66West Perim Spc (T.W28)							
66WNW Wall (T.SW29.E60)	0.373	101.08	0.268	107.52	0.319	208.60	WEST
in space: 66SW Perim Spc (T.SW29)							
GWNW Wall (G.NW2.E4)	0.572	463.85	0.268	17.69	0.561	481.54	WEST
in space: GNW Perim Spc (G.NW2)							
1519WNW Wall (G.14.E18)	0.000	0.00	0.268	426.06	0.268	426.06	WEST
in space: 1519Plnm (G.14)							
Exterior Wall 896	0.000	0.00	0.268	1080.00	0.268	1080.00	WEST
in space: 6MC Top Spc							
10AWNW Wall (G.10.E15)	0.000	0.00	0.268	1608.46	0.268	1608.46	WEST
in space: 10APlnm (G.10)							
7179WNW Wall (M.24.E55)	0.000	0.00	0.268	247.50	0.268	247.50	WEST
in space: 7179Plnm (M.24)							
2026WNW Wall (M.WNW21.E23)	0.373	1207.02	0.268	722.98	0.334	1930.00	WEST
in space: 2026WNW Perim Spc (M.WNW21)							
8087WNW Wall (M.NNW13.E29)	0.415	1123.19	0.268	64.81	0.407	1188.00	WEST
in space: 8087NNW Perim Spc (M.NNW13)							
3744WNW Wall (M.SW24.E27)	0.373	780.50	0.268	442.54	0.335	1223.04	WEST
in space: 3744SW Perim Spc (M.SW24)							
8087WNW Wall (M.NNW13.E31)	0.408	1727.99	0.268	120.97	0.399	1848.96	WEST
in space: 8087NNW Perim Spc (M.NNW13)							
3744WNW Wall (M.WNW25.E28)	0.373	1671.07	0.268	947.49	0.335	2618.56	WEST
in space: 3744WNW Perim Spc (M.WNW25)							
3744WNW Wall (M.26.E29)	0.000	0.00	0.268	1401.60	0.268	1401.60	WEST
in space: 3744Plnm (M.26)							
8087WNW Wall (M.W14.E34)	0.373	2037.92	0.268	1206.40	0.334	3244.32	WEST
in space: 8087West Perim Spc (M.W14)							
8087WNW Wall (M.SW15.E35)	0.373	808.65	0.268	478.71	0.334	1287.36	WEST
in space: 8087SW Perim Spc (M.SW15)							
8AWNW Wall (G.NW1.E1)	0.000	0.00	0.268	670.80	0.268	670.80	WEST
in space: 8ANW Perim Spc (G.NW1)							
66WNW Wall (T.39.E70)	0.000	0.00	0.268	123.60	0.268	123.60	WEST
in space: 66Plnm (T.39)							
10AWNW Wall (G.10.E17)	0.000	0.00	0.268	3287.76	0.268	3287.76	WEST
in space: 10APlnm (G.10)							
66WNW Wall (T.39.E72)	0.000	0.00	0.268	29.80	0.268	29.80	WEST
in space: 66Plnm (T.39)							
1MWNW Wall (G.SW4.E7)	0.000	0.00	0.307	178.40	0.307	178.40	WEST
in space: 1MSW Perim Spc (G.SW4)							
45WNW Wall (T.NNW31.E33)	0.405	343.00	0.268	197.40	0.355	540.40	WEST
in space: 45NNW Perim Spc (T.NNW31)							
1519WNW Wall (M.WNW20.E24)	0.373	1207.02	0.268	722.98	0.334	1930.00	WEST
in space: 1519WNW Perim Spc (M.WNW20)							
2026WNW Wall (M.WNW23.E28)	0.373	1044.42	0.268	625.58	0.334	1670.00	WEST
in space: 2026WNW Perim Spc (M.WNW23)							
25WNW Wall (M.SSW21.E24)	0.000	0.00	0.307	878.50	0.307	878.50	WEST
in space: 25SSW Perim Spc (M.SSW21)							

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8087WNW Wall (M.24.E45)	0.000	0.00	0.268	943.20	0.268	943.20	WEST
in space: 8087Plnm (M.24)							
66WNW Wall (T.39.E78)	0.000	0.00	0.268	21.80	0.268	21.80	WEST
in space: 66Plnm (T.39)							
8087WNW Wall (M.24.E47)	0.000	0.00	0.268	238.40	0.268	238.40	WEST
in space: 8087Plnm (M.24)							
8AWNW Wall (G.WSW2.E4)	0.000	0.00	0.268	189.60	0.268	189.60	WEST
in space: 8AWSW Perim Spc (G.WSW2)							
67MCWNW Wall (G.NNW1.E1)	0.000	0.00	0.268	655.20	0.268	655.20	WEST
in space: 67MCNNW Perim Spc (G.NNW1)							
2026WNW Wall (M.SW25.E31)	0.373	487.81	0.268	292.19	0.334	780.00	WEST
in space: 2026SW Perim Spc (M.SW25)							
67MCWNW Wall (G.NNW1.E3)	0.000	0.00	0.268	305.20	0.268	305.20	WEST
in space: 67MCNNW Perim Spc (G.NNW1)							
10MWNW Wall (G.WNW1.E1)	0.000	0.00	0.268	1948.22	0.268	1948.22	WEST
in space: 10MWNW Perim Spc (G.WNW1)							
25WNW Wall (G.SSW5.E9)	0.000	0.00	0.307	439.25	0.307	439.25	WEST
in space: 25SSW Perim Spc (G.SSW5)							
67MCWNW Wall (G.W2.E6)	0.000	0.00	0.268	1075.20	0.268	1075.20	WEST
in space: 67MCWest Perim Spc (G.W2)							
8087WNW Wall (M.24.E55)	0.000	0.00	0.268	220.00	0.268	220.00	WEST
in space: 8087Plnm (M.24)							
67MCWNW Wall (G.SW3.E7)	0.000	0.00	0.268	417.20	0.268	417.20	WEST
in space: 67MCSW Perim Spc (G.SW3)							
88WNW Wall (T.NNW25.E57)	0.415	140.40	0.268	52.10	0.375	192.50	WEST
in space: 88NNW Perim Spc (T.NNW25)							
10MWNW Wall (G.SSW2.E3)	0.000	0.00	0.268	242.07	0.268	242.07	WEST
in space: 10MSSW Perim Spc (G.SSW2)							
88WNW Wall (T.NNW25.E59)	0.408	216.00	0.268	83.60	0.369	299.60	WEST
in space: 88NNW Perim Spc (T.NNW25)							
2026WNW Wall (M.28.E35)	0.000	0.00	0.268	347.40	0.268	347.40	WEST
in space: 2026Plnm (M.28)							
45WNW Wall (T.SW37.E43)	0.373	97.56	0.268	120.84	0.315	218.40	WEST
in space: 45SW Perim Spc (T.SW37)							
88WNW Wall (T.W26.E62)	0.373	254.74	0.268	270.96	0.319	525.70	WEST
in space: 88West Perim Spc (T.W26)							
88WNW Wall (T.SW27.E63)	0.373	101.08	0.268	107.52	0.319	208.60	WEST
in space: 88SW Perim Spc (T.SW27)							
45WNW Wall (T.WNW38.E44)	0.373	208.88	0.268	258.72	0.315	467.60	WEST
in space: 45WNW Perim Spc (T.WNW38)							
45WNW Wall (T.39.E45)	0.000	0.00	0.268	175.20	0.268	175.20	WEST
in space: 45Plnm (T.39)							
GWNW Wall (G.18.E33)	0.000	0.00	0.268	199.40	0.268	199.40	WEST
in space: GPlnm (G.18)							
2026WNW Wall (M.28.E37)	0.000	0.00	0.268	441.00	0.268	441.00	WEST
in space: 2026Plnm (M.28)							
8AWNW Wall (G.WSW2.E7)	0.494	18.00	0.268	237.60	0.284	255.60	WEST
in space: 8AWSW Perim Spc (G.WSW2)							
46MCWNW Wall (T.NNW31.E33)	0.000	0.00	0.268	694.80	0.268	694.80	WEST
in space: 46MCNNW Perim Spc (T.NNW31)							
68WNW Wall (G.NNW1.E1)	0.403	280.00	0.268	7.70	0.400	287.70	WEST
in space: 68NNW Perim Spc (G.NNW1)							
GWNW Wall (G.SSW12.E19)	0.572	362.70	0.307	13.80	0.562	376.50	WEST
in space: GSSW Perim Spc (G.SSW12)							
68WNW Wall (G.NNW1.E3)	0.373	116.60	0.268	75.90	0.332	192.50	WEST
in space: 68NNW Perim Spc (G.NNW1)							
88WNW Wall (T.36.E73)	0.000	0.00	0.268	117.90	0.268	117.90	WEST
in space: 88Plnm (T.36)							

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1MWNW Wall (G.SSW5.E10)	0.000	0.00	0.307	227.60	0.307	227.60	WEST
in space: 1MSSW Perim Spc (G.SSW5)							
88WNW Wall (T.36.E75)	0.000	0.00	0.268	29.80	0.268	29.80	WEST
in space: 88Plnm (T.36)							
10MWNW Wall (G.SSW7.E8)	0.000	0.00	0.268	2557.77	0.268	2557.77	WEST
in space: 10MSSW Perim Spc (G.SSW7)							
10MWNW Wall (G.N8.E9)	0.000	0.00	0.268	2009.47	0.268	2009.47	WEST
in space: 10MNorth Perim Spc (G.N8)							
2026WNW Wall (T.WNW35.E43)	0.373	241.40	0.268	299.00	0.315	540.40	WEST
in space: 2026WNW Perim Spc (T.WNW35)							
1MWNW Wall (G.NW1.E1)	0.000	0.00	0.268	540.80	0.268	540.80	WEST
in space: 1MNW Perim Spc (G.NW1)							
1519WNW Wall (M.W26.E37)	0.373	1422.78	0.268	852.22	0.334	2275.00	WEST
in space: 1519West Perim Spc (M.W26)							
1519WNW Wall (M.WNW27.E38)	0.373	1044.42	0.268	625.58	0.334	1670.00	WEST
in space: 1519WNW Perim Spc (M.WNW27)							
1519WNW Wall (M.28.E39)	0.000	0.00	0.268	347.40	0.268	347.40	WEST
in space: 1519Plnm (M.28)							
88WNW Wall (T.36.E83)	0.000	0.00	0.268	27.50	0.268	27.50	WEST
in space: 88Plnm (T.36)							
46MCWNW Wall (T.SW37.E43)	0.000	0.00	0.268	280.80	0.268	280.80	WEST
in space: 46MCSW Perim Spc (T.SW37)							
89WNW Wall (G.NNW1.E1)	0.404	504.00	0.268	35.00	0.396	539.00	WEST
in space: 89NNW Perim Spc (G.NNW1)							
46MCWNW Wall (T.WNW38.E44)	0.000	0.00	0.268	601.20	0.268	601.20	WEST
in space: 46MCWNW Perim Spc (T.WNW38)							
89WNW Wall (G.NNW1.E3)	0.411	336.00	0.268	49.00	0.393	385.00	WEST
in space: 89NNW Perim Spc (G.NNW1)							
68WNW Wall (G.W4.E14)	0.373	325.63	0.268	211.97	0.332	537.60	WEST
in space: 68West Perim Spc (G.W4)							
68WNW Wall (G.SW5.E15)	0.373	126.35	0.268	82.25	0.332	208.60	WEST
in space: 68SW Perim Spc (G.SW5)							
46MCWNW Wall (T.39.E45)	0.000	0.00	0.268	175.20	0.268	175.20	WEST
in space: 46MCPlnm (T.39)							
2026WNW Wall (T.WNW37.E48)	0.373	208.88	0.268	258.72	0.315	467.60	WEST
in space: 2026WNW Perim Spc (T.WNW37)							
10MWNW Wall (G.N8.E11)	0.000	0.00	0.268	96.24	0.268	96.24	WEST
in space: 10MNorth Perim Spc (G.N8)							
89WNW Wall (G.W4.E9)	0.373	673.31	0.268	438.29	0.332	1111.60	WEST
in space: 89West Perim Spc (G.W4)							
89WNW Wall (G.SW5.E10)	0.373	252.70	0.268	164.50	0.332	417.20	WEST
in space: 89SW Perim Spc (G.SW5)							
1519WNW Wall (M.28.E41)	0.000	0.00	0.268	710.10	0.268	710.10	WEST
in space: 1519Plnm (M.28)							
47WNW Wall (G.NNW1.E1)	0.407	237.60	0.268	15.12	0.399	252.72	WEST
in space: 47NNW Perim Spc (G.NNW1)							
68WNW Wall (G.11.E21)	0.000	0.00	0.268	117.90	0.268	117.90	WEST
in space: 68Plnm (G.11)							
2026WNW Wall (T.SW39.E51)	0.373	97.56	0.268	120.84	0.315	218.40	WEST
in space: 2026SW Perim Spc (T.SW39)							
68WNW Wall (G.11.E23)	0.000	0.00	0.268	29.80	0.268	29.80	WEST
in space: 68Plnm (G.11)							
47WNW Wall (G.NNW1.E3)	0.373	73.95	0.268	43.77	0.334	117.72	WEST
in space: 47NNW Perim Spc (G.NNW1)							
89WNW Wall (G.11.E17)	0.000	0.00	0.268	235.80	0.268	235.80	WEST
in space: 89Plnm (G.11)							
8AWNW Wall (G.SW9.E11)	0.000	0.00	0.268	128.40	0.268	128.40	WEST
in space: 8ASW Perim Spc (G.SW9)							

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89WNW Wall (G.11.E19)	0.000	0.00	0.268	59.60	0.268	59.60	WEST
in space: 89Plnm (G.11)							
GWNW Wall (G.18.E24)	0.000	0.00	0.268	101.50	0.268	101.50	WEST
in space: GPlnm (G.18)							
47WNW Wall (G.W2.E6)	0.373	260.51	0.268	154.21	0.334	414.72	WEST
in space: 47West Perim Spc (G.W2)							
47WNW Wall (G.SW3.E7)	0.373	101.08	0.268	59.84	0.334	160.92	WEST
in space: 47SW Perim Spc (G.SW3)							
25WNW Wall (G.NW1.E1)	0.000	0.00	0.268	1183.00	0.268	1183.00	WEST
in space: 25NW Perim Spc (G.NW1)							
2026WNW Wall (T.42.E55)	0.000	0.00	0.268	69.48	0.268	69.48	WEST
in space: 2026Plnm (T.42)							
11MCWNW Wall (G.NNE1.E1)	0.000	0.00	0.268	914.82	0.268	914.82	WEST
in space: 11MCNNE Perim Spc (G.NNE1)							
89WNW Wall (G.11.E26)	0.000	0.00	0.268	55.00	0.268	55.00	WEST
in space: 89Plnm (G.11)							
2026WNW Wall (T.42.E57)	0.000	0.00	0.268	88.20	0.268	88.20	WEST
in space: 2026Plnm (T.42)							
89DBWNW Wall (G.WNW1.E1)	0.000	0.00	0.268	3320.10	0.268	3320.10	WEST
in space: 89DBWNW Perim Spc (G.WNW1)							
68WNW Wall (G.11.E33)	0.000	0.00	0.268	27.50	0.268	27.50	WEST
in space: 68Plnm (G.11)							
8AWNW Wall (G.WSW10.E14)	0.000	0.00	0.268	439.20	0.268	439.20	WEST
in space: 8AWSW Perim Spc (G.WSW10)							
68DBWNW Wall (G.WNW1.E1)	0.000	0.00	0.268	1891.50	0.268	1891.50	WEST
in space: 68DBWNW Perim Spc (G.WNW1)							
89DBWNW Wall (G.2.E5)	0.000	0.00	0.268	210.80	0.268	210.80	WEST
in space: 89DBPlnm (G.2)							
1519WNW Wall (T.WNW34.E47)	0.373	241.40	0.268	299.00	0.315	540.40	WEST
in space: 1519WNW Perim Spc (T.WNW34)							
6MCWNW Wall (G.NW3.E6)	0.000	0.00	0.268	1924.20	0.268	1924.20	WEST
in space: 6MCNW Perim Spc (G.NW3)							
GWNW Wall (G.W5.E7)	0.572	370.64	0.307	14.11	0.562	384.75	WEST
in space: GWest Perim Spc (G.W5)							
90WNW Wall (G.NNW1.E1)	0.373	326.48	0.268	212.52	0.332	539.00	WEST
in space: 90NNW Perim Spc (G.NNW1)							
11MCWNW Wall (G.WNW2.E5)	0.000	0.00	0.268	186.05	0.268	186.05	WEST
in space: 11MCWNW Perim Spc (G.WNW2)							
90WNW Wall (G.NNW1.E3)	0.373	233.20	0.268	151.80	0.332	385.00	WEST
in space: 90NNW Perim Spc (G.NNW1)							
27MCWNW Wall (G.WNW7.E3)	0.000	0.00	0.268	694.80	0.268	694.80	WEST
in space: 27MCWNW Perim Spc (G.WNW7)							
68DBWNW Wall (G.2.E7)	0.000	0.00	0.268	126.10	0.268	126.10	WEST
in space: 68DBPlnm (G.2)							
47WNW Wall (G.13.E18)	0.000	0.00	0.268	123.60	0.268	123.60	WEST
in space: 47Plnm (G.13)							
25WNW Wall (T.NW33.E31)	0.000	0.00	0.268	1183.00	0.268	1183.00	WEST
in space: 25NW Perim Spc (T.NW33)							
47WNW Wall (G.13.E20)	0.000	0.00	0.268	29.80	0.268	29.80	WEST
in space: 47Plnm (G.13)							
90WNW Wall (G.W4.E9)	0.373	673.31	0.268	438.29	0.332	1111.60	WEST
in space: 90West Perim Spc (G.W4)							
90WNW Wall (G.SW5.E10)	0.373	252.70	0.268	164.50	0.332	417.20	WEST
in space: 90SW Perim Spc (G.SW5)							
11MCWNW Wall (G.SW3.E7)	0.000	0.00	0.268	171.83	0.268	171.83	WEST
in space: 11MCSW Perim Spc (G.SW3)							
1MWNW Wall (G.N2.E4)	0.000	0.00	0.268	256.80	0.268	256.80	WEST
in space: 1MNorth Perim Spc (G.N2)							

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69WNW Wall (G.NNW1.E1)	0.403	280.00	0.268	7.70	0.400	287.70	WEST
in space: 69NNW Perim Spc (G.NNW1)							
11MCWNW Wall (G.WSW5.E9)	0.000	0.00	0.268	1512.06	0.268	1512.06	WEST
in space: 11MCWSW Perim Spc (G.WSW5)							
69WNW Wall (G.NNW1.E3)	0.373	116.60	0.268	75.90	0.332	192.50	WEST
in space: 69NNW Perim Spc (G.NNW1)							
27MCWNW Wall (G.WNW9.E8)	0.000	0.00	0.268	601.20	0.268	601.20	WEST
in space: 27MCWNW Perim Spc (G.WNW9)							
90WNW Wall (G.11.E17)	0.000	0.00	0.268	235.80	0.268	235.80	WEST
in space: 90Plnm (G.11)							
8MCWNW Wall (G.NNE1.E1)	0.000	0.00	0.268	473.00	0.268	473.00	WEST
in space: 8MANNE Perim Spc (G.NNE1)							
90WNW Wall (G.11.E19)	0.000	0.00	0.268	59.60	0.268	59.60	WEST
in space: 90Plnm (G.11)							
47WNW Wall (G.13.E26)	0.000	0.00	0.268	21.80	0.268	21.80	WEST
in space: 47Plnm (G.13)							
25WNW Wall (M.NW17.E16)	0.000	0.00	0.268	2366.00	0.268	2366.00	WEST
in space: 25NW Perim Spc (M.NW17)							
4856WNW Wall (M.NNW14.E28)	0.407	2138.39	0.268	136.09	0.399	2274.48	WEST
in space: 4856NNW Perim Spc (M.NNW14)							
27MCWNW Wall (G.SW11.E11)	0.000	0.00	0.268	280.80	0.268	280.80	WEST
in space: 27MCSW Perim Spc (G.SW11)							
4856WNW Wall (M.NNW14.E30)	0.373	665.51	0.268	393.97	0.334	1059.48	WEST
in space: 4856NNW Perim Spc (M.NNW14)							
6MCWNW Wall (G.11.E11)	0.000	0.00	0.268	85.60	0.268	85.60	WEST
in space: 6MCPlnm (G.11)							
90WNW Wall (G.11.E26)	0.000	0.00	0.268	55.00	0.268	55.00	WEST
in space: 90Plnm (G.11)							
25WNW Wall (T.N34.E34)	0.000	0.00	0.268	561.75	0.268	561.75	WEST
in space: 25North Perim Spc (T.N34)							
91WNW Wall (G.NNW1.E1)	0.405	238.00	0.268	31.50	0.389	269.50	WEST
in space: 91NNW Perim Spc (G.NNW1)							
4856WNW Wall (M.W15.E33)	0.373	2344.55	0.268	1387.93	0.334	3732.48	WEST
in space: 4856West Perim Spc (M.W15)							
91WNW Wall (G.NNW1.E3)	0.411	168.00	0.268	24.50	0.393	192.50	WEST
in space: 91NNW Perim Spc (G.NNW1)							
69WNW Wall (G.W4.E14)	0.373	325.63	0.268	211.97	0.332	537.60	WEST
in space: 69West Perim Spc (G.W4)							
69WNW Wall (G.SW5.E15)	0.373	126.35	0.268	82.25	0.332	208.60	WEST
in space: 69SW Perim Spc (G.SW5)							
4856WNW Wall (M.SW16.E34)	0.373	909.73	0.268	538.55	0.334	1448.28	WEST
in space: 4856SW Perim Spc (M.SW16)							
11DBWNW Wall (G.WNW1.E1)	0.000	0.00	0.268	4529.80	0.268	4529.80	WEST
in space: 11DBWNW Perim Spc (G.WNW1)							
91WNW Wall (G.W4.E8)	0.000	0.00	0.268	555.80	0.268	555.80	WEST
in space: 91West Perim Spc (G.W4)							
91WNW Wall (G.SW5.E9)	0.000	0.00	0.268	208.60	0.268	208.60	WEST
in space: 91SW Perim Spc (G.SW5)							
28WNW Wall (G.NNW5.E1)	0.405	343.00	0.268	197.40	0.355	540.40	WEST
in space: 28NNW Perim Spc (G.NNW5)							
1519WNW Wall (T.W40.E60)	0.373	284.56	0.268	352.44	0.315	637.00	WEST
in space: 1519West Perim Spc (T.W40)							
1519WNW Wall (T.WNW41.E61)	0.373	208.88	0.268	258.72	0.315	467.60	WEST
in space: 1519WNW Perim Spc (T.WNW41)							
69WNW Wall (G.11.E21)	0.000	0.00	0.268	117.90	0.268	117.90	WEST
in space: 69Plnm (G.11)							
1519WNW Wall (T.42.E62)	0.000	0.00	0.268	69.48	0.268	69.48	WEST
in space: 1519Plnm (T.42)							

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(CONTINUED)

69WNW Wall (G.11.E23)	0.000	0.00	0.268	29.80	0.268	29.80	WEST
in space: 69Plnm (G.11)							
91WNW Wall (G.12.E16)	0.000	0.00	0.268	117.90	0.268	117.90	WEST
in space: 91Plnm (G.12)							
25WNW Wall (G.N2.E4)	0.000	0.00	0.268	561.75	0.268	561.75	WEST
in space: 25North Perim Spc (G.N2)							
91WNW Wall (G.12.E18)	0.000	0.00	0.268	29.80	0.268	29.80	WEST
in space: 91Plnm (G.12)							
1519WNW Wall (T.42.E64)	0.000	0.00	0.268	142.02	0.268	142.02	WEST
in space: 1519Plnm (T.42)							
25WNW Wall (T.W36.E36)	0.000	0.00	0.307	448.88	0.307	448.88	WEST
in space: 25West Perim Spc (T.W36)							
8MCWNW Wall (G.SSW2.E7)	0.373	899.60	0.268	47.40	0.368	947.00	WEST
in space: 8MASSW Perim Spc (G.SSW2)							
4856WNW Wall (M.26.E44)	0.000	0.00	0.268	1112.40	0.268	1112.40	WEST
in space: 4856Plnm (M.26)							
1519WNW Wall (G.WNW6.E1)	0.373	724.21	0.268	433.79	0.334	1158.00	WEST
in space: 1519WNW Perim Spc (G.WNW6)							
4856WNW Wall (M.26.E46)	0.000	0.00	0.268	268.20	0.268	268.20	WEST
in space: 4856Plnm (M.26)							
10AWNW Wall (G.WNW1.E1)	0.373	327.32	0.268	140.28	0.342	467.60	WEST
in space: 10AWNW Perim Spc (G.WNW1)							
91WNW Wall (G.12.E26)	0.000	0.00	0.268	27.50	0.268	27.50	WEST
in space: 91Plnm (G.12)							
28WNW Wall (G.SW11.E11)	0.373	97.56	0.268	120.84	0.315	218.40	WEST
in space: 28SW Perim Spc (G.SW11)							
92WNW Wall (G.NNW1.E1)	0.405	238.00	0.268	31.50	0.389	269.50	WEST
in space: 92NNW Perim Spc (G.NNW1)							
69WNW Wall (G.11.E33)	0.000	0.00	0.268	27.50	0.268	27.50	WEST
in space: 69Plnm (G.11)							
92WNW Wall (G.NNW1.E3)	0.411	168.00	0.268	24.50	0.393	192.50	WEST
in space: 92NNW Perim Spc (G.NNW1)							
28WNW Wall (G.WNW12.E12)	0.373	208.88	0.268	258.72	0.315	467.60	WEST
in space: 28WNW Perim Spc (G.WNW12)							
70WNW Wall (G.NNW1.E1)	0.415	140.40	0.268	8.10	0.407	148.50	WEST
in space: 70NNW Perim Spc (G.NNW1)							
28WNW Wall (G.13.E13)	0.000	0.00	0.268	175.20	0.268	175.20	WEST
in space: 28Plnm (G.13)							
70WNW Wall (G.NNW1.E3)	0.408	216.00	0.268	15.12	0.399	231.12	WEST
in space: 70NNW Perim Spc (G.NNW1)							
92WNW Wall (G.W4.E8)	0.000	0.00	0.268	555.80	0.268	555.80	WEST
in space: 92West Perim Spc (G.W4)							
92WNW Wall (G.SW5.E9)	0.000	0.00	0.268	208.60	0.268	208.60	WEST
in space: 92SW Perim Spc (G.SW5)							
6MCWNW Wall (G.11.E15)	0.000	0.00	0.268	164.50	0.268	164.50	WEST
in space: 6MCPlnm (G.11)							
4856WNW Wall (M.26.E52)	0.000	0.00	0.268	196.20	0.268	196.20	WEST
in space: 4856Plnm (M.26)							
70WNW Wall (G.W2.E6)	0.373	254.74	0.268	150.80	0.334	405.54	WEST
in space: 70West Perim Spc (G.W2)							
70WNW Wall (G.SW3.E7)	0.373	101.08	0.268	59.84	0.334	160.92	WEST
in space: 70SW Perim Spc (G.SW3)							
10AWNW Wall (G.SSW2.E3)	0.373	40.67	0.268	17.43	0.342	58.10	WEST
in space: 10ASSW Perim Spc (G.SSW2)							
5765WNW Wall (M.NNW14.E28)	0.407	2138.39	0.268	136.09	0.399	2274.48	WEST
in space: 5765NNW Perim Spc (M.NNW14)							
92WNW Wall (G.12.E16)	0.000	0.00	0.268	117.90	0.268	117.90	WEST
in space: 92Plnm (G.12)							

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GWNW Wall (G.NW1.E1)	0.572	976.82	0.268	37.18	0.561	1014.00	WEST
in space: GNW Perim Spc (G.NW1)							
92WNW Wall (G.12.E18)	0.000	0.00	0.268	29.80	0.268	29.80	WEST
in space: 92Plnm (G.12)							
5765WNW Wall (M.NNW14.E30)	0.373	665.51	0.268	393.97	0.334	1059.48	WEST
in space: 5765NNW Perim Spc (M.NNW14)							
2936WNW Wall (M.NNW18.E17)	0.405	2744.00	0.268	282.24	0.393	3026.24	WEST
in space: 2936NNW Perim Spc (M.NNW18)							
2026WNW Wall (G.WNW7.E3)	0.373	241.40	0.268	299.00	0.315	540.40	WEST
in space: 2026WNW Perim Spc (G.WNW7)							
5765WNW Wall (M.W15.E33)	0.373	2344.55	0.268	1387.93	0.334	3732.48	WEST
in space: 5765West Perim Spc (M.W15)							
5765WNW Wall (M.SW16.E34)	0.373	909.73	0.268	538.55	0.334	1448.28	WEST
in space: 5765SW Perim Spc (M.SW16)							
25WNW Wall (M.N18.E19)	0.000	0.00	0.268	1123.50	0.268	1123.50	WEST
in space: 25North Perim Spc (M.N18)							
70WNW Wall (G.12.E17)	0.000	0.00	0.268	117.90	0.268	117.90	WEST
in space: 70Plnm (G.12)							
92WNW Wall (G.12.E26)	0.000	0.00	0.268	27.50	0.268	27.50	WEST
in space: 92Plnm (G.12)							
25WNW Wall (T.SSW37.E39)	0.000	0.00	0.307	439.25	0.307	439.25	WEST
in space: 25SSW Perim Spc (T.SSW37)							
70WNW Wall (G.12.E19)	0.000	0.00	0.268	29.80	0.268	29.80	WEST
in space: 70Plnm (G.12)							
6MCRoof	0.000	0.00	0.049	27215.10	0.049	27215.10	WEST
in space: 6MCPlnm (G.11)							
10AWNW Wall (G.SSW7.E8)	0.373	429.73	0.268	184.17	0.342	613.90	WEST
in space: 10ASSW Perim Spc (G.SSW7)							
2026WNW Wall (G.WNW9.E8)	0.373	208.88	0.268	258.72	0.315	467.60	WEST
in space: 2026WNW Perim Spc (G.WNW9)							
6MCWNW Wall (G.WSW1.E3)	0.000	0.00	0.307	1540.88	0.307	1540.88	WEST
in space: 6MCWSW Perim Spc (G.WSW1)							
92 Roof	0.000	0.00	0.049	7656.44	0.049	7656.44	ROOF
in space: 92Plnm (G.12)							
27MCRoof1	0.000	0.00	0.049	1244.85	0.049	1244.85	ROOF
in space: 27MCWNW Perim Spc (G.WNW7)							
Exterior Wall 897	0.000	0.00	0.049	2916.00	0.049	2916.00	ROOF
in space: 6MC Top Spc							
Exterior Wall 898	0.000	0.00	0.049	29904.78	0.049	29904.78	ROOF
in space: Roof Spc (6MC)							
27MCRoof2	0.000	0.00	0.049	3970.01	0.049	3970.01	ROOF
in space: 27MCNNE Perim Spc (G.NNE8)							
SC3Flr (B.N1.U1)	0.000	0.00	0.010	7871.45	0.010	7871.45	UNDERGRND
in space: SC3North Perim Spc (B.N1)							
SC3WNW Wall (B.N1.U2)	0.000	0.00	0.194	539.00	0.194	539.00	UNDERGRND
in space: SC3North Perim Spc (B.N1)							
SC3ESE Wall (B.N1.U3)	0.000	0.00	0.194	669.00	0.194	669.00	UNDERGRND
in space: SC3North Perim Spc (B.N1)							
SC3NNE Wall (B.N1.U4)	0.000	0.00	0.194	600.00	0.194	600.00	UNDERGRND
in space: SC3North Perim Spc (B.N1)							
SC3WNW Wall (B.N1.U5)	0.000	0.00	0.194	457.50	0.194	457.50	UNDERGRND
in space: SC3North Perim Spc (B.N1)							
SC3NNE Wall (B.N1.U6)	0.000	0.00	0.194	605.00	0.194	605.00	UNDERGRND
in space: SC3North Perim Spc (B.N1)							
SC3Flr (B.SSW2.U7)	0.000	0.00	0.010	7891.75	0.010	7891.75	UNDERGRND
in space: SC3SSW Perim Spc (B.SSW2)							
SC3SSW Wall (B.SSW2.U8)	0.000	0.00	0.194	890.00	0.194	890.00	UNDERGRND
in space: SC3SSW Perim Spc (B.SSW2)							
SC3WNW Wall (B.SSW2.U9)	0.000	0.00	0.194	409.00	0.194	409.00	UNDERGRND
in space: SC3SSW Perim Spc (B.SSW2)							

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SC3SSW Wall (B.SSW2.U10)	0.000	0.00	0.194	315.00	0.194	315.00	UNDERGRND
in space: SC3SSW Perim Spc (B.SSW2)							
SC3ESE Wall (B.SSW2.U11)	0.000	0.00	0.194	957.00	0.194	957.00	UNDERGRND
in space: SC3SSW Perim Spc (B.SSW2)							
SC3WNW Wall (B.SSW2.U12)	0.000	0.00	0.194	548.00	0.194	548.00	UNDERGRND
in space: SC3SSW Perim Spc (B.SSW2)							
SC3Flr (B.C3.U13)	0.000	0.00	0.010	173.13	0.010	173.13	UNDERGRND
in space: SC3Core Spc (B.C3)							
SC3Flr (B.C4.U14)	0.000	0.00	0.010	177.00	0.010	177.00	UNDERGRND
in space: SC3Core Spc (B.C4)							
SC3Flr (B.C5.U15)	0.000	0.00	0.010	223.75	0.010	223.75	UNDERGRND
in space: SC3Core Spc (B.C5)							
SC3Flr (B.C6.U16)	0.000	0.00	0.010	483.50	0.010	483.50	UNDERGRND
in space: SC3Core Spc (B.C6)							
SC3Flr (B.ESE7.U17)	0.000	0.00	0.010	311.13	0.010	311.13	UNDERGRND
in space: SC3ESE Perim Spc (B.ESE7)							
SC3ESE Wall (B.ESE7.U18)	0.000	0.00	0.194	327.50	0.194	327.50	UNDERGRND
in space: SC3ESE Perim Spc (B.ESE7)							
SC2Flr (B.WNW1.U1)	0.000	0.00	0.010	1944.00	0.010	1944.00	UNDERGRND
in space: SC2WNW Perim Spc (B.WNW1)							
SC2WNW Wall (B.WNW1.U2)	0.000	0.00	0.139	2024.40	0.139	2024.40	UNDERGRND
in space: SC2WNW Perim Spc (B.WNW1)							
SC2Flr (B.NNE2.U3)	0.000	0.00	0.010	2589.42	0.010	2589.42	UNDERGRND
in space: SC2NNE Perim Spc (B.NNE2)							
SC2NNE Wall (B.NNE2.U4)	0.000	0.00	0.139	2627.13	0.139	2627.13	UNDERGRND
in space: SC2NNE Perim Spc (B.NNE2)							
SC2Flr (B.C3.U5)	0.000	0.00	0.010	946.40	0.010	946.40	UNDERGRND
in space: SC2Core Spc (B.C3)							
SC2Flr (B.C4.U6)	0.000	0.00	0.010	7390.86	0.010	7390.86	UNDERGRND
in space: SC2Core Spc (B.C4)							
SC2Flr (B.SW5.U7)	0.000	0.00	0.010	984.00	0.010	984.00	UNDERGRND
in space: SC2SW Perim Spc (B.SW5)							
SC2SSW Wall (B.SW5.U8)	0.000	0.00	0.139	624.40	0.139	624.40	UNDERGRND
in space: SC2SW Perim Spc (B.SW5)							
SC2WNW Wall (B.SW5.U9)	0.000	0.00	0.139	189.00	0.139	189.00	UNDERGRND
in space: SC2SW Perim Spc (B.SW5)							
SC2Flr (B.WNW6.U10)	0.000	0.00	0.010	333.75	0.010	333.75	UNDERGRND
in space: SC2WNW Perim Spc (B.WNW6)							
SC2WNW Wall (B.WNW6.U11)	0.000	0.00	0.139	311.50	0.139	311.50	UNDERGRND
in space: SC2WNW Perim Spc (B.WNW6)							
SC2Flr (B.SSW7.U12)	0.000	0.00	0.010	2033.25	0.010	2033.25	UNDERGRND
in space: SC2SSW Perim Spc (B.SSW7)							
SC2SSW Wall (B.SSW7.U13)	0.000	0.00	0.139	2002.70	0.139	2002.70	UNDERGRND
in space: SC2SSW Perim Spc (B.SSW7)							
SC2WNW Wall (B.SSW7.U14)	0.000	0.00	0.139	210.00	0.139	210.00	UNDERGRND
in space: SC2SSW Perim Spc (B.SSW7)							
SC2Flr (B.ESE8.U15)	0.000	0.00	0.010	2705.25	0.010	2705.25	UNDERGRND
in space: SC2ESE Perim Spc (B.ESE8)							
SC2ESE Wall (B.ESE8.U16)	0.000	0.00	0.139	2734.90	0.139	2734.90	UNDERGRND
in space: SC2ESE Perim Spc (B.ESE8)							
SC2Flr (B.C9.U17)	0.000	0.00	0.010	8653.21	0.010	8653.21	UNDERGRND
in space: SC2Core Spc (B.C9)							
SC2Flr (B.C10.U18)	0.000	0.00	0.010	1076.22	0.010	1076.22	UNDERGRND

in space: SC2Core Spc (B.C10)

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SC2Flr (B.C11.U19)	0.000	0.00	0.010	5737.29	0.010	5737.29	UNDERGRND
in space: SC2Core Spc (B.C11)							
SC1Flr (B.WNW1.U1)	0.000	0.00	0.010	1944.00	0.010	1944.00	UNDERGRND
in space: SC1WNW Perim Spc (B.WNW1)							
SC1WNW Wall (B.WNW1.U2)	0.000	0.00	0.111	2530.50	0.111	2530.50	UNDERGRND
in space: SC1WNW Perim Spc (B.WNW1)							
SC1Flr (B.NNE2.U3)	0.000	0.00	0.010	2589.42	0.010	2589.42	UNDERGRND
in space: SC1NNE Perim Spc (B.NNE2)							
SC1NNE Wall (B.NNE2.U4)	0.000	0.00	0.111	3283.91	0.111	3283.91	UNDERGRND
in space: SC1NNE Perim Spc (B.NNE2)							
SC1Flr (B.C3.U5)	0.000	0.00	0.010	946.40	0.010	946.40	UNDERGRND
in space: SC1Core Spc (B.C3)							
SC1Flr (B.C4.U6)	0.000	0.00	0.010	7390.86	0.010	7390.86	UNDERGRND
in space: SC1Core Spc (B.C4)							
SC1Flr (B.SW5.U7)	0.000	0.00	0.010	984.00	0.010	984.00	UNDERGRND
in space: SC1SW Perim Spc (B.SW5)							
SC1SSW Wall (B.SW5.U8)	0.000	0.00	0.111	780.50	0.111	780.50	UNDERGRND
in space: SC1SW Perim Spc (B.SW5)							
SC1WNW Wall (B.SW5.U9)	0.000	0.00	0.111	236.25	0.111	236.25	UNDERGRND
in space: SC1SW Perim Spc (B.SW5)							
SC1Flr (B.WNW6.U10)	0.000	0.00	0.010	333.75	0.010	333.75	UNDERGRND
in space: SC1WNW Perim Spc (B.WNW6)							
SC1WNW Wall (B.WNW6.U11)	0.000	0.00	0.111	389.38	0.111	389.38	UNDERGRND
in space: SC1WNW Perim Spc (B.WNW6)							
SC1Flr (B.SSW7.U12)	0.000	0.00	0.010	2033.25	0.010	2033.25	UNDERGRND
in space: SC1SSW Perim Spc (B.SSW7)							
SC1SSW Wall (B.SSW7.U13)	0.000	0.00	0.111	2503.38	0.111	2503.38	UNDERGRND
in space: SC1SSW Perim Spc (B.SSW7)							
SC1WNW Wall (B.SSW7.U14)	0.000	0.00	0.111	262.50	0.111	262.50	UNDERGRND
in space: SC1SSW Perim Spc (B.SSW7)							
SC1Flr (B.ESE8.U15)	0.000	0.00	0.010	2705.25	0.010	2705.25	UNDERGRND
in space: SC1ESE Perim Spc (B.ESE8)							
SC1ESE Wall (B.ESE8.U16)	0.000	0.00	0.111	3418.63	0.111	3418.63	UNDERGRND
in space: SC1ESE Perim Spc (B.ESE8)							
SC1Flr (B.C9.U17)	0.000	0.00	0.010	8653.21	0.010	8653.21	UNDERGRND
in space: SC1Core Spc (B.C9)							
SC1Flr (B.C10.U18)	0.000	0.00	0.010	1076.22	0.010	1076.22	UNDERGRND
in space: SC1Core Spc (B.C10)							
SC1Flr (B.C11.U19)	0.000	0.00	0.010	5737.29	0.010	5737.29	UNDERGRND
in space: SC1Core Spc (B.C11)							
CFlr (B.WNW1.U1)	0.000	0.00	0.010	1944.00	0.010	1944.00	UNDERGRND
in space: CWNW Perim Spc (B.WNW1)							
CWNW Wall (B.WNW1.U2)	0.000	0.00	0.111	2530.50	0.111	2530.50	UNDERGRND
in space: CWNW Perim Spc (B.WNW1)							
CFlr (B.NNE2.U3)	0.000	0.00	0.010	2589.42	0.010	2589.42	UNDERGRND
in space: CNNE Perim Spc (B.NNE2)							
CNNE Wall (B.NNE2.U4)	0.000	0.00	0.111	3283.91	0.111	3283.91	UNDERGRND
in space: CNNE Perim Spc (B.NNE2)							
CFlr (B.C3.U5)	0.000	0.00	0.010	946.40	0.010	946.40	UNDERGRND
in space: CCore Spc (B.C3)							
CFlr (B.C4.U6)	0.000	0.00	0.010	7390.86	0.010	7390.86	UNDERGRND
in space: CCore Spc (B.C4)							
CFlr (B.SW5.U7)	0.000	0.00	0.010	984.00	0.010	984.00	UNDERGRND

in space: CSW Perim Spc (B.SW5)

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SURFACE	- - - W I N D O W S - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	- - - - W A L L - - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	-W A L L + W I N D O W S- U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	AZIMUTH
CSSW Wall (B.SW5.U8)	0.000	0.00	0.111	780.50	0.111	780.50	UNDERGRND
in space: CSW Perim Spc (B.SW5)							
CWNW Wall (B.SW5.U9)	0.000	0.00	0.111	236.25	0.111	236.25	UNDERGRND
in space: CSW Perim Spc (B.SW5)							
CFlr (B.WNW6.U10)	0.000	0.00	0.010	333.75	0.010	333.75	UNDERGRND
in space: CWNW Perim Spc (B.WNW6)							
CWNW Wall (B.WNW6.U11)	0.000	0.00	0.111	389.38	0.111	389.38	UNDERGRND
in space: CWNW Perim Spc (B.WNW6)							
CFlr (B.SSW7.U12)	0.000	0.00	0.010	2033.25	0.010	2033.25	UNDERGRND
in space: CSSW Perim Spc (B.SSW7)							
CSSW Wall (B.SSW7.U13)	0.000	0.00	0.111	2503.38	0.111	2503.38	UNDERGRND
in space: CSSW Perim Spc (B.SSW7)							
CWNW Wall (B.SSW7.U14)	0.000	0.00	0.111	262.50	0.111	262.50	UNDERGRND
in space: CSSW Perim Spc (B.SSW7)							
CFlr (B.ESE8.U15)	0.000	0.00	0.010	2705.25	0.010	2705.25	UNDERGRND
in space: CESE Perim Spc (B.ESE8)							
CESE Wall (B.ESE8.U16)	0.000	0.00	0.111	3418.63	0.111	3418.63	UNDERGRND
in space: CESE Perim Spc (B.ESE8)							
CFlr (B.C9.U17)	0.000	0.00	0.010	8653.21	0.010	8653.21	UNDERGRND
in space: CCore Spc (B.C9)							
CFlr (B.C10.U18)	0.000	0.00	0.010	1076.22	0.010	1076.22	UNDERGRND
in space: CCore Spc (B.C10)							
CFlr (B.C11.U19)	0.000	0.00	0.010	5737.29	0.010	5737.29	UNDERGRND
in space: CCore Spc (B.C11)							
GFlr (G.NW1.U1)	0.000	0.00	0.096	946.40	0.096	946.40	UNDERGRND
in space: GNW Perim Spc (G.NW1)							
GFlr (G.NW2.U2)	0.000	0.00	0.020	2684.87	0.020	2684.87	UNDERGRND
in space: GNW Perim Spc (G.NW2)							
GFlr (G.NNE3.U3)	0.000	0.00	0.077	1231.48	0.077	1231.48	UNDERGRND
in space: GNNE Perim Spc (G.NNE3)							
GFlr (G.SSW4.U4)	0.000	0.00	0.074	367.50	0.074	367.50	UNDERGRND
in space: GSSW Perim Spc (G.SSW4)							
GFlr (G.W5.U5)	0.000	0.00	0.054	837.75	0.054	837.75	UNDERGRND
in space: GWest Perim Spc (G.W5)							
GFlr (G.E6.U6)	0.000	0.00	0.073	917.16	0.073	917.16	UNDERGRND
in space: GEast Perim Spc (G.E6)							
GFlr (G.NNE7.U7)	0.000	0.00	0.017	3191.08	0.017	3191.08	UNDERGRND
in space: GNNE Perim Spc (G.NNE7)							
GFlr (G.W8.U8)	0.000	0.00	0.111	488.10	0.111	488.10	UNDERGRND
in space: GWest Perim Spc (G.W8)							
GFlr (G.SSW9.U9)	0.000	0.00	0.079	998.63	0.079	998.63	UNDERGRND
in space: GSSW Perim Spc (G.SSW9)							
GFlr (G.ESE10.U10)	0.000	0.00	0.055	449.12	0.055	449.12	UNDERGRND
in space: GESE Perim Spc (G.ESE10)							
GFlr (G.ESE11.U11)	0.000	0.00	0.065	2304.75	0.065	2304.75	UNDERGRND
in space: GESE Perim Spc (G.ESE11)							
GFlr (G.SSW12.U12)	0.000	0.00	0.083	1871.25	0.083	1871.25	UNDERGRND
in space: GSSW Perim Spc (G.SSW12)							
GFlr (G.C13.U13)	0.000	0.00	0.010	3143.80	0.010	3143.80	UNDERGRND
in space: GCore Spc (G.C13)							
GFlr (G.C14.U14)	0.000	0.00	0.010	581.17	0.010	581.17	UNDERGRND
in space: GCore Spc (G.C14)							
GFlr (G.NNE15.U15)	0.000	0.00	0.040	2182.50	0.040	2182.50	UNDERGRND

in space: GNNE Perim Spc (G.NNE15)

REPORT- LV-D Details of Exterior Surfaces WEATHER FILE- New York CityNY TMY2
(CONTINUED)

SURFACE	- - - W I N D O W S - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	- - - - W A L L - - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	-W A L L + W I N D O W S- U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	AZIMUTH
GFlr (G.C16.U16)	0.000	0.00	0.010	4376.04	0.010	4376.04	UNDERGRND
in space: GCore Spc (G.C16)							
GFlr (G.C17.U17)	0.000	0.00	0.010	7621.67	0.010	7621.67	UNDERGRND
in space: GCore Spc (G.C17)							

REPORT- LV-D Details of Exterior Surfaces WEATHER FILE- New York CityNY TMY2

(CONTINUED)

	AVERAGE U-VALUE/WINDOWS (BTU/HR-SQFT-F)	AVERAGE U-VALUE/WALLS (BTU/HR-SQFT-F)	AVERAGE U-VALUE WALLS+WINDOWS (BTU/HR-SQFT-F)	WINDOW AREA (SQFT)	WALL AREA (SQFT)	WINDOW+WALL AREA (SQFT)
NORTH	0.414	0.274	0.349	106004.23	90651.89	196656.17
EAST	0.375	0.277	0.311	56021.57	103923.37	159944.95
SOUTH-EAST	0.000	0.268	0.268	0.00	390.40	390.40
SOUTH	0.429	0.272	0.333	75355.34	118330.16	193685.50
SOUTH-WEST	0.964	0.305	0.593	2844.99	3660.05	6505.04
WEST	0.392	0.221	0.277	59137.36	122064.26	181201.63
ROOF	0.000	0.049	0.049	0.00	45692.09	45692.09
ALL WALLS	0.411	0.260	0.321	299363.31	439020.31	738384.13
WALLS+ROOFS	0.411	0.240	0.305	299363.31	484712.38	784076.25
UNDERGRND	0.000	0.040	0.040	0.00	198357.05	198357.05
BUILDING	0.411	0.182	0.252	299363.31	683069.44	982433.25

NUMBER OF CONSTRUCTIONS 26 DELAYED 20 QUICK 6

CONSTRUCTION NAME	U-VALUE (BTU/HR-SQFT-F)	SURFACE ABSORPTANCE	SURFACE ROUGHNESS INDEX	SURFACE TYPE	NUMBER OF RESPONSE FACTORS
EWall Construction	0.300	0.60	1	QUICK	0
Ceilg Construction	0.847	0.70	3	DELAYED	5
IWall Construction	2.700	0.70	3	QUICK	0
IFlr Construction	0.813	0.70	3	DELAYED	5
1MGFlr Construction	0.085	0.70	3	DELAYED	7
SC3UFCons (B.N1.U2)	0.010	0.70	3	DELAYED	43
SC3UWCons (B.N1.U2)	0.194	0.70	3	DELAYED	35
SC2UWCons (B.WNW1.U2)	0.139	0.70	3	DELAYED	38
SC1UWCons (B.WNW1.U2)	0.111	0.70	3	DELAYED	39
GUFCons (G.NW1.U2)	0.096	0.70	3	DELAYED	39
GUFCons (G.NW2.U3)	0.020	0.70	3	DELAYED	42
GUFCons (G.NNE3.U4)	0.077	0.70	3	DELAYED	40
GUFCons (G.SSW4.U5)	0.074	0.70	3	DELAYED	40
GUFCons (G.W5.U6)	0.054	0.70	3	DELAYED	41
GUFCons (G.E6.U7)	0.073	0.70	3	DELAYED	40
GUFCons (G.NNE7.U8)	0.017	0.70	3	DELAYED	43
GUFCons (G.W8.U9)	0.111	0.70	3	DELAYED	39
GUFCons (G.SSW9.U10)	0.079	0.70	3	DELAYED	40
GUFCons (G.ESE10.U11)	0.055	0.70	3	DELAYED	41
GUFCons (G.ESE11.U12)	0.065	0.70	3	DELAYED	41
GUFCons (G.SSW12.U13)	0.083	0.70	3	DELAYED	40
GUFCons (G.NNE15.U16)	0.040	0.70	3	DELAYED	42
Roof Construction	0.050	0.70	3	QUICK	0
Unins Wall Cons - 1.5	0.350	0.70	3	QUICK	0
Unins Wall Cons - 2	0.350	0.70	3	QUICK	0
Unins Wall Cons - 5.5	0.350	0.70	3	QUICK	0

REPORT- PS-B Utility and Fuel Use Summary WEATHER FILE- New York CityNY TMY2

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
EM1 ELECTRICITY													
KWH	257448.	233453.	251673.	238290.	250763.	304095.	383745.	351902.	280389.	232295.	237482.	252861.	3274398.
MAX KW	527.3	548.3	612.7	669.8	843.1	890.9	938.8	895.6	921.9	681.0	542.9	542.8	938.8
DAY/HR	25/ 9	25/ 9	25/18	30/18	10/14	25/13	17/ 9	27/14	5/13	9/14	26/ 9	10/ 9	7/17
EM2- ELECTRICITY													
KWH	271122.	243274.	271096.	265717.	328722.	402259.	467957.	444176.	381009.	294708.	262379.	269475.	3901893.
MAX KW	815.0	710.7	869.9	966.0	1269.7	1514.8	1614.2	1477.4	1421.7	1034.1	778.1	769.8	1614.2
DAY/HR	23/18	4/13	28/16	30/17	10/14	16/15	17/14	25/14	5/14	9/16	3/16	9/16	7/17
EM3- ELECTRICITY													
KWH	145454.	130092.	148497.	153385.	302504.	465391.	550435.	503275.	391125.	178855.	135223.	142213.	3246450.
MAX KW	402.6	401.2	602.4	887.3	1087.1	1144.6	1292.5	1089.1	1064.8	791.7	392.6	396.8	1292.5
DAY/HR	23/22	4/22	28/19	30/20	11/20	12/20	1/20	1/20	4/20	9/20	5/22	3/22	7/ 1
DM1 ELECTRICITY													
KWH	58518.	52857.	58518.	56748.	58588.	56608.	58588.	58588.	56608.	58588.	56537.	58518.	689267.
MAX KW	164.1	164.1	164.1	164.1	164.1	164.1	164.1	164.1	164.1	164.1	164.1	164.1	164.1
DAY/HR	1/20	1/20	1/20	1/20	1/20	1/20	1/20	1/20	1/20	1/20	1/20	1/20	1/ 1
EM4 ELECTRICITY													
KWH	5593.	4491.	4184.	3348.	2230.	1604.	1584.	1611.	1760.	2943.	3838.	4850.	38035.
MAX KW	13.9	12.1	13.3	13.4	12.2	4.0	3.2	3.2	8.5	13.5	8.7	11.7	13.9
DAY/HR	23/ 9	4/ 9	31/22	16/20	6/ 5	1/ 9	4/ 8	15/ 8	20/ 5	29/20	22/ 9	4/ 9	1/23
EM5 ELECTRICITY													
KWH	302576.	273294.	302576.	292815.	302576.	292815.	302576.	302576.	292815.	302576.	292815.	302576.	3562583.
MAX KW	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7
DAY/HR	1/ 1	1/ 1	1/ 1	1/ 2	1/ 2	1/ 2	1/ 2	1/ 2	1/ 2	1/ 2	1/ 2	1/ 1	1/ 1
FM1 NATURAL-GAS													
THERM	77696.	54996.	40526.	20571.	12996.	11827.	11972.	12127.	11977.	15526.	31989.	56436.	358639.
MAX THERM/HR	248.0	224.2	166.2	101.0	43.9	22.4	19.7	22.3	22.0	67.2	139.9	199.8	248.0
DAY/HR	23/ 9	4/ 9	1/17	2/ 9	7/ 7	13/ 8	4/ 8	15/ 8	20/ 8	31/ 9	22/ 9	4/ 9	1/23

REPORT- PS-C Equipment Loads and Energy Use WEATHER FILE- New York CityNY TMY2

MON		SUM PEAK	COOL LOAD (MBTU) (KBTU/HR)	HEAT LOAD (MBTU) (KBTU/HR)	ELEC USE (KWH) (KW)	FUEL USE (MBTU) (KBTU/HR)		00 10	10 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 +	TOTAL RUN HOURS
B-67M-6																			
	SUM		-7176.7	0.0	8533.1	LOAD	1978	440	429	470	529	599	360	187	79	35	0	5106
	PEAK		-5133.0	0.0	5857.2	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY		1/18	0/ 0	1/18	FUEL	1952	465	431	479	529	599	358	179	79	35	0	5106
B-67M-5																			
	SUM		-1042.4	0.0	1198.0	LOAD	96	103	100	96	91	83	26	14	12	2	0	623
	PEAK		-4720.7	0.0	5379.7	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY		12/ 4	0/ 0	12/ 4	FUEL	93	106	101	96	90	84	25	14	12	2	0	623
B-67M-4																			
	SUM		-43.2	0.0	49.6	LOAD	0	0	0	0	0	16	0	0	0	0	0	16
	PEAK		-2884.4	0.0	3277.1	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY		1/23	0/ 0	1/23	FUEL	0	0	0	0	0	16	0	0	0	0	0	16
B-67M-3																			
	SUM		0.0	0.0	0.0	LOAD	0	0	0	0	0	0	0	0	0	0	0	0
	PEAK		0.0	0.0	0.0	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY		0/ 0	0/ 0	0/ 0	FUEL	0	0	0	0	0	0	0	0	0	0	0	0
B-67M-2																			
	SUM		0.0	0.0	0.0	LOAD	0	0	0	0	0	0	0	0	0	0	0	0
	PEAK		0.0	0.0	0.0	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY		0/ 0	0/ 0	0/ 0	FUEL	0	0	0	0	0	0	0	0	0	0	0	0
B-67M-1																			
	SUM		0.0	0.0	0.0	LOAD	0	0	0	0	0	0	0	0	0	0	0	0
	PEAK		0.0	0.0	0.0	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY		0/ 0	0/ 0	0/ 0	FUEL	0	0	0	0	0	0	0	0	0	0	0	0
B-7-1																			
	SUM		-3199.4	0.0	4008.6	LOAD	2081	369	489	472	244	130	89	18	3	0	0	3895
	PEAK		-4291.9	0.0	4885.9	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY		1/23	0/ 0	1/23	FUEL	2053	398	494	471	242	127	89	18	3	0	0	3895
B-7-2																			
	SUM		-1759.5	0.0	2048.6	LOAD	512	405	336	289	132	24	8	0	0	0	0	1706
	PEAK		-3448.4	0.0	3918.0	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY		12/ 4	0/ 0	12/ 4	FUEL	493	423	340	290	130	22	8	0	0	0	0	1706
B-7-3																			
	SUM		0.0	0.0	0.0	LOAD	0	0	0	0	0	0	0	0	0	0	0	0
	PEAK		0.0	0.0	0.0	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY		0/ 0	0/ 0	0/ 0	FUEL	0	0	0	0	0	0	0	0	0	0	0	0
B-7-4																			
	SUM		0.0	0.0	0.0	LOAD	0	0	0	0	0	0	0	0	0	0	0	0
	PEAK		0.0	0.0	0.0	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY		0/ 0	0/ 0	0/ 0	FUEL	0	0	0	0	0	0	0	0	0	0	0	0

REPORT- PS-C Equipment Loads and Energy Use WEATHER FILE- New York CityNY TMY2
(CONTINUED)

B-7-5																
SUM	0.0	0.0	0.0	LOAD	0	0	0	0	0	0	0	0	0	0	0	0
PEAK	0.0	0.0	0.0	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	0/ 0	0/ 0	0/ 0	FUEL	0	0	0	0	0	0	0	0	0	0	0	0
B-7-6																
SUM	0.0	0.0	0.0	LOAD	0	0	0	0	0	0	0	0	0	0	0	0
PEAK	0.0	0.0	0.0	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	0/ 0	0/ 0	0/ 0	FUEL	0	0	0	0	0	0	0	0	0	0	0	0
B-6-1																
SUM	-4014.2	0.0	4684.4	LOAD	1571	361	251	233	243	234	131	109	68	49	26	3276
PEAK	-5504.9	0.0	5983.0	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	1/23	0/ 0	1/23	FUEL	1527	404	251	230	251	227	133	109	68	49	27	3276
B-6-2																
SUM	-1070.1	0.0	1216.5	LOAD	79	11	16	16	12	60	58	58	28	24	24	386
PEAK	-5504.9	0.0	5983.0	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	1/23	0/ 0	1/23	FUEL	77	13	16	14	8	57	60	63	29	22	27	386
Fake - HP Loop Boiler																
SUM	-0.1	0.0	0.1	LOAD	0	0	0	0	0	0	0	0	0	735	0	735
PEAK	-0.1	0.0	0.1	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	1/23	0/ 0	1/23	FUEL	0	0	0	0	0	0	0	0	0	663	72	735
Retail Chiller 1																
SUM	3003.1	0.0	257030.9	LOAD	2834	225	120	82	71	67	149	193	162	147	3	4053
PEAK	3972.2	0.0	305.8	ELEC	2630	431	161	99	86	117	208	185	123	13	0	4053
MON/DAY	5/13	0/ 0	7/28													
Retail Chiller 2																
SUM	3861.8	0.0	290730.1	LOAD	0	1	1	1	4	265	307	335	254	201	0	1369
PEAK	3905.4	0.0	311.4	ELEC	0	1	1	2	223	292	333	264	218	35	0	1369
MON/DAY	9/ 8	0/ 0	6/10													
Retail Chiller 3																
SUM	3310.3	0.0	249859.9	LOAD	0	0	0	0	2	254	289	300	217	133	0	1195
PEAK	3829.2	0.0	311.4	ELEC	0	0	0	0	213	272	298	227	160	25	0	1195
MON/DAY	9/14	0/ 0	6/10													
CH-94-1																
SUM	249.5	0.0	70546.0	LOAD	6693	1659	392	16	0	0	0	0	0	0	0	8760
PEAK	179.9	0.0	17.2	ELEC	735	4514	492	375	1240	1404	0	0	0	0	0	8760
MON/DAY	7/ 2	0/ 0	7/17													
CH-94-2																
SUM	0.0	0.0	0.0	LOAD	0	0	0	0	0	0	0	0	0	0	0	0
PEAK	0.0	0.0	0.0	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	0/ 0	0/ 0	0/ 0													
C-TR-1																
SUM	14866.0		10797.2	LOAD	0	0	0	0	0	0	5	1	0	7998	0	8004
PEAK	8280.7		13.9	ELEC	1950	1302	226	47	14	0	0	0	0	0	0	3539
MON/DAY	7/16		7/18													
C-TR-2																
SUM	14866.0		10797.2	LOAD	0	0	0	0	0	0	5	1	0	7998	0	8004

PEAK	8280.7	13.9	ELEC1950	1302	226	47	14	0	0	0	0	0	0	3539	
MON/DAY	7/16	7/18													

REPORT- PS-C Equipment Loads and Energy Use WEATHER FILE- New York CityNY TMY2
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C-TR-3														
SUM	32.8	38.8	LOAD	0	0	0	0	0	0	5	1	0	0	0	6
PEAK	5662.7	6.7	ELEC	0	0	6	0	0	0	0	0	0	0	0	6
MON/DAY	7/ 1	7/ 1													
Nordstrom Elec DHW Heater															
SUM	-267.0	80759.1	LOAD	2444	1037	708	865	808	1076	705	612	265	240	0	8760
PEAK	-85.6	25.1	ELEC	2179	1214	689	864	837	1065	753	616	269	195	79	8760
MON/DAY	3/ 1	2/ 1													
Capstone C65 (lower)															
SUM	-3116.6	-609482.8	7062.5	ELEC	0	0	0	0	0	0	0	0	1	0	8759	8760
PEAK	-519.3	-83.5	967.7	FUEL	0	0	0	0	0	0	0	0	33	2554	6173	8760
MON/DAY	1/23	1/23	1/23	RCVR	0	0	392	501	542	328	730	766	803	494	4204	8760
Capstone C65 (upper)															
SUM	-2749.5	-609482.8	7062.5	ELEC	0	0	0	0	0	0	0	0	1	0	8759	8760
PEAK	-519.3	-83.5	967.7	FUEL	0	0	0	0	0	0	0	0	33	2554	6173	8760
MON/DAY	1/23	1/23	1/23	RCVR	0	431	737	751	1145	880	223	129	89	73	4302	8760
Res PCW Pump															
SUM		2103759.3		FLOW	0	0	0	0	0	0	0	0	0	0	8760	8760
PEAK		240.2		RPM	0	0	0	0	0	0	0	0	0	0	8760	8760
MON/DAY		1/ 1		ELEC	0	0	0	0	0	0	0	0	0	0	8760	8760
SCW 90 Pump															
SUM		334026.0		FLOW	0	0	0	0	0	0	0	0	0	0	8760	8760
PEAK		38.1		RPM	0	0	0	0	0	0	0	0	0	0	8760	8760
MON/DAY		1/ 1		ELEC	0	0	0	0	0	0	0	0	0	0	8760	8760
SCW 67 Pump															
SUM		336061.2		FLOW	0	0	0	0	0	0	0	0	0	0	8760	8760
PEAK		38.4		RPM	0	0	0	0	0	0	0	0	0	0	8760	8760
MON/DAY		1/ 1		ELEC	0	0	0	0	0	0	0	0	0	0	8760	8760
SCW 46 Pump															
SUM		788749.0		FLOW	0	0	0	0	0	0	0	0	0	0	8760	8760
PEAK		90.0		RPM	0	0	0	0	0	0	0	0	0	0	8760	8760
MON/DAY		1/ 1		ELEC	0	0	0	0	0	0	0	0	0	0	8760	8760
Upper Res PHW Pump															
SUM		10440.7		FLOW	8069	676	10	5	0	0	0	0	0	0	0	8760
PEAK		9.3		RPM	0	0	0	0	8601	145	7	3	4	0	0	8760
MON/DAY		10/29		ELEC	8750	10	0	0	0	0	0	0	0	0	0	8760
SHW FTR 90 Pump															
SUM		5437.7		FLOW	3330	2461	137	0	0	0	0	0	0	0	0	5928
PEAK		1.3		RPM	0	0	0	0	0	5928	0	0	0	0	0	5928
MON/DAY		1/23		ELEC	0	5928	0	0	0	0	0	0	0	0	0	5928
SHW DHW 90 Pump															
SUM		84.8		FLOW	0	0	909	916	616	1356	1323	857	1310	971	502	8760
PEAK		0.0		RPM	0	0	0	0	1825	4152	2783	0	0	0	0	8760
MON/DAY		1/ 2		ELEC	0	3494	2483	2281	502	0	0	0	0	0	0	8760
SHW FTR 67 Pump															
SUM		2361.9		FLOW	1773	1666	1257	154	5	0	0	0	0	0	0	4855

PEAK	0.8	RPM	0	0	0	0	0	2930	1925	0	0	0	0	4855
MON/DAY	1/23	ELEC	0	4734	121	0	0	0	0	0	0	0	0	4855

SHW DHW 67 Pump													
SUM	84.8	FLOW	0	0	909	916	616	1356	1323	857	1310	971	502	8760
PEAK	0.0	RPM	0	0	0	0	1825	4152	2783	0	0	0	0	8760
MON/DAY	1/ 2	ELEC	0	3494	2483	2281	502	0	0	0	0	0	0	8760
SHW FTR 46 Pump														
SUM	1729.2	FLOW	1520	1185	1442	505	81	6	0	0	0	0	0	4739
PEAK	0.6	RPM	0	0	0	0	0	2223	2516	0	0	0	0	4739
MON/DAY	1/23	ELEC	0	4247	492	0	0	0	0	0	0	0	0	4739
SHW DHW 46 Pump														
SUM	84.8	FLOW	0	0	909	916	616	1356	1323	857	1310	971	502	8760
PEAK	0.0	RPM	0	0	0	0	1825	4152	2783	0	0	0	0	8760
MON/DAY	1/ 2	ELEC	0	3494	2483	2281	502	0	0	0	0	0	0	8760
Lower Res PHW Pump														
SUM	10464.3	FLOW	8758	2	0	0	0	0	0	0	0	0	0	8760
PEAK	2.4	RPM	0	0	0	0	8760	0	0	0	0	0	0	8760
MON/DAY	5/ 6	ELEC	8760	0	0	0	0	0	0	0	0	0	0	8760
SHW FTR 11 Pump														
SUM	2351.1	FLOW	1684	1524	1307	303	61	0	0	0	0	0	0	4879
PEAK	0.8	RPM	0	0	0	0	0	2934	1945	0	0	0	0	4879
MON/DAY	1/23	ELEC	0	4586	293	0	0	0	0	0	0	0	0	4879
SHW DHW 11 Pump														
SUM	212.5	FLOW	0	0	909	916	616	1356	1323	857	1310	971	502	8760
PEAK	0.0	RPM	0	0	0	0	1825	4152	2783	0	0	0	0	8760
MON/DAY	1/ 2	ELEC	0	3494	2483	2281	502	0	0	0	0	0	0	8760
SHW DHW 7 Pump														
SUM	212.5	FLOW	0	0	909	916	616	1356	1323	857	1310	971	502	8760
PEAK	0.0	RPM	0	0	0	0	1825	4152	2783	0	0	0	0	8760
MON/DAY	1/ 2	ELEC	0	3494	2483	2281	502	0	0	0	0	0	0	8760
Retail PHW Pump														
SUM	4570.9	FLOW	0	2465	380	240	90	56	60	75	72	57	29	3524
PEAK	5.7	RPM	0	0	0	0	0	3020	323	169	12	0	0	3524
MON/DAY	1/24	ELEC	0	3011	211	142	107	39	11	3	0	0	0	3524
Penthouse CHW Pump														
SUM	17683.6	FLOW	0	0	0	0	0	0	0	0	0	8760	0	8760
PEAK	2.0	RPM	0	0	0	0	0	0	0	0	0	0	8760	8760
MON/DAY	1/ 1	ELEC	0	0	0	0	0	0	0	0	0	8760	0	8760
Retail CHW Pump														
SUM	198280.6	FLOW	3328	603	873	306	17	0	0	0	0	0	0	5127
PEAK	57.9	RPM	0	0	0	0	0	0	0	0	0	0	5127	5127
MON/DAY	7/17	ELEC	0	0	0	0	3605	1168	354	0	0	0	0	5127
Penthouse CHW Pump 2														
SUM	0.0	FLOW	0	0	0	0	0	0	0	0	0	0	0	0
PEAK	0.0	RPM	0	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	0/ 0	ELEC	0	0	0	0	0	0	0	0	0	0	0	0

REPORT- PS-D Circulation Loop Loads WEATHER FILE- New York CityNY TMY2

MON		COIL LOAD (MBTU) (KBTU/HR)	PIPE GAIN (MBTU) (KBTU/HR)	NET LOAD (MBTU) (KBTU/HR)	OVERLOAD (MBTU) (KBTU/HR)		00 10	10 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 +	TOTAL RUN HOURS
Upper Res PHW Loop																		
	SUM	-11032.5	0.0	-11011.9	0.0	HEAT5448	1348	1465	444	55	0	0	0	0	0	0		8760
	PEAK	-6296.5	0.0	-6288.2	0.0	FLOW5846	2317	554	29	6	4	4	0	0	0	0		8760
	MON/DAY	1/23	0/ 0	1/23	0/ 0													
Lower Res PHW Loop																		
	SUM	-8093.5	0.0	-8075.7	0.0	HEAT5232	1038	986	925	374	161	39	5	0	0	0		8760
	PEAK	-4817.6	0.0	-4811.2	0.0	FLOW5676	1632	1109	237	88	18	0	0	0	0	0		8760
	MON/DAY	1/23	0/ 0	1/23	0/ 0													
Retail Elec DHW Loop																		
	SUM	-267.0	0.0	-267.0	0.0	HEAT2444	1037	708	865	808	1076	705	612	265	240	0		8760
	PEAK	-85.6	0.0	-85.6	0.0	FLOW2161	893	730	720	290	1239	554	1013	303	606	251		8760
	MON/DAY	3/ 1	0/ 0	3/ 1	0/ 0													
Retail PHW Loop																		
	SUM	-5095.8	0.0	-5084.3	-36.5	HEAT2586	527	125	110	63	1	0	0	0	0	0		3412
	PEAK	-13534.4	0.0	-11010.4	-2750.0	FLOW3023	286	204	11	0	0	0	0	0	0	0		3524
	MON/DAY	1/23	0/ 0	1/23	1/23													
Hours overloaded during heating: 28																		
Retail CHW Loop																		
	SUM	9566.1	0.0	10175.1	0.0	COOL3303	393	626	535	225	45	0	0	0	0	0		5127
	PEAK	9850.2	0.0	10026.4	0.0	FLOW3295	485	849	430	68	0	0	0	0	0	0		5127
	MON/DAY	7/17	0/ 0	7/17	0/ 0													
Penthouse CHW Loop																		
	SUM	249.5	0.0	315.8	0.0	COOL3410	1725	774	44	0	0	0	0	0	0	0		5953
	PEAK	179.9	0.0	191.1	0.0	FLOW8656	104	0	0	0	0	0	0	0	0	0		8760
	MON/DAY	7/ 2	0/ 0	7/ 2	0/ 0													
__SHW FTR 90 Loop																		
	SUM	-4389.2	0.0	-4377.1	0.0	HEAT2124	1226	1503	668	118	7	0	0	0	0	0		5646
	PEAK	-2561.1	0.0	-2558.2	0.0	FLOW2717	2216	949	46	0	0	0	0	0	0	0		5928
	MON/DAY	1/23	0/ 0	1/23	0/ 0													
__SHW DHW 90 Loop																		
	SUM	-448.2	0.0	-448.0	0.0	HEAT	0	0	909	916	616	1356	1323	857	1310	971	502	8760
	PEAK	-81.5	0.0	-81.4	0.0	FLOW	0	0	909	916	616	1356	1323	857	1310	971	502	8760
	MON/DAY	1/ 2	0/ 0	1/ 2	0/ 0													
__SHW FTR 67 Loop																		
	SUM	-2763.8	0.0	-2758.1	0.0	HEAT1685	1455	1259	251	20	0	0	0	0	0	0		4670
	PEAK	-1838.2	0.0	-1836.2	0.0	FLOW2274	2225	351	5	0	0	0	0	0	0	0		4855
	MON/DAY	1/23	0/ 0	1/23	0/ 0													
__SHW DHW 67 Loop																		
	SUM	-448.2	0.0	-448.0	0.0	HEAT	0	0	909	916	616	1356	1323	857	1310	971	502	8760
	PEAK	-81.5	0.0	-81.4	0.0	FLOW	0	0	909	916	616	1356	1323	857	1310	971	502	8760
	MON/DAY	1/ 2	0/ 0	1/ 2	0/ 0													
__SHW FTR 46 Loop																		
	SUM	-2310.3	0.0	-2306.1	0.0	HEAT1763	1495	1149	189	12	0	0	0	0	0	0		4608
	PEAK	-1585.1	0.0	-1583.4	0.0	FLOW2317	2143	274	5	0	0	0	0	0	0	0		4739
	MON/DAY	1/23	0/ 0	1/23	0/ 0													

Extell 221 West 57th St DOE-2.2-47h2 9/17/2015 16:39:27 BDL RUN 4

REPORT- PS-D Circulation Loop Loads WEATHER FILE- New York CityNY TMY2
(CONTINUED)

__SHW DHW 46 Loop

SUM	-448.2	0.0	-448.0	0.0	HEAT	0	0	909	916	616	1356	1323	857	1310	971	502	8760
PEAK	-81.5	0.0	-81.4	0.0	FLOW	0	0	909	916	616	1356	1323	857	1310	971	502	8760
MON/DAY	1/ 2	0/ 0	1/ 2	0/ 0													

__SHW FTR 11 Loop

SUM	-2914.1	0.0	-2908.4	0.0	HEAT	1355	988	1160	936	271	50	0	0	0	0	0	4760
PEAK	-1776.8	0.0	-1774.6	0.0	FLOW	1746	1612	1212	270	39	0	0	0	0	0	0	4879
MON/DAY	1/23	0/ 0	1/23	0/ 0													

__SHW DHW 11 Loop

SUM	-1122.6	0.0	-1122.1	0.0	HEAT	0	0	909	916	616	1356	1323	857	1310	971	502	8760
PEAK	-204.1	0.0	-203.9	0.0	FLOW	0	0	909	916	616	1356	1323	857	1310	971	502	8760
MON/DAY	1/ 2	0/ 0	1/ 2	0/ 0													

__SHW DHW 7 Loop

SUM	-1122.6	0.0	-1122.1	0.0	HEAT	0	0	909	916	616	1356	1323	857	1310	971	502	8760
PEAK	-204.1	0.0	-203.9	0.0	FLOW	0	0	909	916	616	1356	1323	857	1310	971	502	8760
MON/DAY	1/ 2	0/ 0	1/ 2	0/ 0													

	HEAT LOAD	COOL LOAD	PIPE GAIN	NET LOAD	OVER LOAD	Number of hours within each PART LOAD range											TOTAL
	SUM (MBTU)	(MBTU)	(MBTU)	(MBTU)	(MBTU)	00	10	20	30	40	50	60	70	80	90	100	RUN
MON	PEAK (KBTU/HR)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	10	20	30	40	50	60	70	80	90	100	+	HOURS

Res PCW Loop

SUM	-2042.8	0.0	0.0	-0.1	-9.4	HEAT	735	0	0	0	0	0	0	0	0	0	0	735
PEAK	-3432.0	0.0	0.0	-0.1	-427.5	FLOW	0	0	0	0	0	0	0	0	735	0	0	735
MON/DAY	1/23	0/ 0	0/ 0	1/23	1/23												
SUM	0.0	25843.2	0.0	29764.8	0.0	COOL	5502	1391	1034	77	0	0	0	0	0	0	0	8004
PEAK	0.0	16297.4	0.0	16988.0	0.0	FLOW	0	0	0	0	0	0	0	0	8004	0	0	8004
MON/DAY	0/ 0	7/ 1	0/ 0	7/ 1	0/ 0												
SUM	0.0	0.0	0.0			FLOAT	0										
PEAK	0.0	0.0	0.0			FLOW	0	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	0/ 0	0/ 0	0/ 0														

GRAND TOTAL

SUM	-2042.8	25843.2				FLOW	0	0	0	0	0	0	0	0	8739	0	0	8739
PEAK	-3432.0	16297.4																
MON/DAY	1/23	0/ 0																

Hours overloaded during heating: 72

__SCW 90 Loop

SUM	-321.9	0.0	0.0	-494.6	0.0	HEAT	1800	100	0	0	0	0	0	0	0	0	0	1900
PEAK	-430.8	0.0	0.0	-756.6	0.0	FLOW	0	0	0	0	0	0	0	0	0	0	1900	1900
MON/DAY	1/23	0/ 0	0/ 0	1/23	0/ 0												
SUM	0.0	4419.9	0.0	5383.3	0.0	COOL	4339	1202	1140	178	1	0	0	0	0	0	0	6860
PEAK	0.0	3190.4	0.0	3300.5	0.0	FLOW	0	0	0	0	0	0	0	0	0	0	6860	6860
MON/DAY	0/ 0	7/ 1	0/ 0	7/ 1	0/ 0												
SUM	0.0	0.0	0.0			FLOAT	0										
PEAK	0.0	0.0	0.0			FLOW	0	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	0/ 0	0/ 0	0/ 0														

GRAND TOTAL

SUM	-321.9	4419.9				FLOW	0	0	0	0	0	0	0	0	0	0	8760	8760
PEAK	-430.8	3190.4																

MON/DAY 1/23 0/ 0

Extell 221 West 57th St DOE-2.2-47h2 9/17/2015 16:39:27 BDL RUN 4

REPORT- PS-D Circulation Loop Loads WEATHER FILE- New York CityNY TMY2
(CONTINUED)

__SCW 67 Loop																	
SUM	0.0	0.0	0.0	-311.3	0.0	HEAT	735	0	0	0	0	0	0	0	0	0	735
PEAK	0.0	0.0	0.0	-435.6	0.0	FLOW	0	0	0	0	0	0	0	0	0	735	735
MON/DAY	0/ 0	0/ 0	0/ 0	1/26	0/ 0												
SUM	0.0	4155.3	0.0	5454.4	0.0	COOL	5568	1328	1092	37	0	0	0	0	0	0	8025
PEAK	0.0	2811.8	0.0	2922.5	0.0	FLOW	0	0	0	0	0	0	0	0	0	8025	8025
MON/DAY	0/ 0	7/ 1	0/ 0	7/ 1	0/ 0												
SUM	0.0	0.0	0.0			FLOAT	0										
PEAK	0.0	0.0	0.0			FLOW	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	0/ 0	0/ 0	0/ 0														
GRAND TOTAL																	
SUM	0.0	4155.3				FLOW	0	0	0	0	0	0	0	0	0	8760	8760
PEAK	0.0	2811.8															
MON/DAY	0/ 0	0/ 0															
__SCW 46 Loop																	
SUM	-741.7	0.0	0.0	-1491.6	0.0	HEAT	1834	117	0	0	0	0	0	0	0	0	1951
PEAK	-924.3	0.0	0.0	-2257.1	0.0	FLOW	0	0	0	0	0	0	0	0	1951	0	1951
MON/DAY	1/23	0/ 0	0/ 0	1/23	0/ 0												
SUM	0.0	11996.3	0.0	14538.0	0.0	COOL	4617	1429	701	62	0	0	0	0	0	0	6809
PEAK	0.0	9587.9	0.0	9844.9	0.0	FLOW	0	0	0	0	0	0	0	0	6809	0	6809
MON/DAY	0/ 0	7/ 1	0/ 0	7/ 1	0/ 0												
SUM	0.0	0.0	0.0			FLOAT	0										
PEAK	0.0	0.0	0.0			FLOW	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	0/ 0	0/ 0	0/ 0														
GRAND TOTAL																	
SUM	-741.7	11996.3				FLOW	0	0	0	0	0	0	0	0	8760	0	0	8760
PEAK	-924.3	9587.9															
MON/DAY	1/23	0/ 0															

Hours high/low alarm limits exceeded: 0/ 0

Note: The yearly WLHP summaries include three entries each:
1. Data for when the loop is heating dominated, with coincident cooling
2. Data for when the loop is cooling dominated, with coincident heating
3. Data for when the loop is floating, with coincident heating and cooling

REPORT- PS-E Energy End-Use Summary for all Electric Meters WEATHER FILE- New York CityNY TMY2

	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
JAN													
KWH	313795.	4866.	206490.	24074.	9783.	0.	328419.	200537.	35958.	0.	7763.	22900.	1154587.
MAX KW	740.719	12.307	409.903	70.080	117.181	0.000	464.184	317.811	144.210	0.000	24.325	61.560	2125.918
DAY/HR	2/10	2/20	2/10	23/11	23/20	0/ 0	23/ 9	23/12	1/ 9	0/ 0	23/13	1/ 1	23/10
PEAK ENDUSE	740.719	9.780	409.903	52.316	40.078	0.000	462.928	307.511	89.870	0.000	12.813	0.000	
PEAK PCT	34.8	0.5	19.3	2.5	1.9	0.0	21.8	14.5	4.2	0.0	0.6	0.0	
FEB													
KWH	283474.	4397.	186527.	20336.	9184.	0.	295614.	178579.	32479.	0.	7360.	20684.	1038636.
MAX KW	740.719	12.307	409.903	64.681	70.741	0.000	461.417	312.447	144.210	0.000	25.084	61.560	2081.027
DAY/HR	1/10	1/20	1/10	5/ 5	24/16	0/ 0	4/ 9	4/19	1/ 9	0/ 0	1/13	1/ 1	4/10
PEAK ENDUSE	740.719	9.780	409.903	31.326	22.804	0.000	460.350	302.901	89.870	0.000	13.373	0.000	
PEAK PCT	35.6	0.5	19.7	1.5	1.1	0.0	22.1	14.6	4.3	0.0	0.6	0.0	
MAR													
KWH	313795.	4866.	206490.	16843.	19241.	21.	326314.	190647.	35958.	0.	8199.	22900.	1145276.
MAX KW	740.719	12.307	409.903	42.528	544.818	2.510	468.661	322.126	144.210	0.000	25.084	61.560	2496.823
DAY/HR	1/10	1/20	1/10	1/ 5	25/18	25/18	25/16	25/15	1/ 9	0/ 0	1/13	1/ 1	25/18
PEAK ENDUSE	671.745	5.877	349.931	0.000	544.818	2.510	467.711	305.438	129.580	0.000	19.213	0.000	
PEAK PCT	26.9	0.2	14.0	0.0	21.8	0.1	18.7	12.2	5.2	0.0	0.8	0.0	
APR													
KWH	306067.	4777.	200864.	8944.	33102.	74.	314730.	178827.	34799.	0.	7805.	22162.	1112149.
MAX KW	740.719	12.307	409.903	25.941	912.145	5.578	468.303	337.920	144.210	0.000	24.896	61.560	2884.771
DAY/HR	1/10	1/20	1/10	3/ 7	30/17	30/19	30/17	30/17	1/ 9	0/ 0	2/13	1/ 2	30/18
PEAK ENDUSE	671.745	5.877	349.931	0.000	898.824	5.320	467.927	336.774	129.580	0.000	18.793	0.000	
PEAK PCT	23.3	0.2	12.1	0.0	31.2	0.2	16.2	11.7	4.5	0.0	0.7	0.0	
MAY													
KWH	315222.	4906.	207107.	1617.	248278.	1460.	325660.	174993.	35958.	0.	7259.	22900.	1345361.
MAX KW	740.719	12.307	409.903	20.881	1555.781	11.474	475.985	370.291	144.210	0.000	22.640	61.560	3563.026
DAY/HR	1/10	1/20	1/10	7/ 5	10/14	22/19	22/17	10/16	1/ 9	0/ 0	6/13	1/ 2	10/14
PEAK ENDUSE	675.794	7.385	351.347	0.000	1555.781	10.662	475.026	364.606	100.320	0.000	22.104	0.000	
PEAK PCT	19.0	0.2	9.9	0.0	43.7	0.3	13.3	10.2	2.8	0.0	0.6	0.0	
JUN													
KWH	303213.	4697.	199630.	22.	537839.	4076.	320057.	183098.	34799.	0.	6321.	22162.	1615912.
MAX KW	740.719	12.307	409.903	2.338	1723.752	18.959	624.314	378.578	144.210	0.000	20.398	61.560	3725.250
DAY/HR	3/10	3/20	3/10	1/ 7	12/15	16/15	1/16	12/17	1/ 9	0/ 0	19/13	1/ 2	12/17
PEAK ENDUSE	675.794	7.385	351.347	0.000	1708.446	14.488	477.979	378.578	96.140	0.000	15.094	0.000	
PEAK PCT	18.1	0.2	9.4	0.0	45.9	0.4	12.8	10.2	2.6	0.0	0.4	0.0	
JUL													
KWH	315222.	4906.	207107.	0.	720928.	6679.	333173.	206182.	35958.	0.	5917.	22900.	1858975.
MAX KW	740.719	12.307	409.903	0.000	2084.279	27.710	482.692	424.376	144.210	0.000	18.457	61.560	4119.031
DAY/HR	1/10	1/20	1/10	0/ 0	1/17	18/14	17/14	2/ 9	1/ 9	0/ 0	3/13	1/ 2	1/17
PEAK ENDUSE	675.794	7.385	351.347	0.000	2084.279	20.133	482.357	387.946	96.140	0.000	13.650	0.000	
PEAK PCT	16.4	0.2	8.5	0.0	50.6	0.5	11.7	9.4	2.3	0.0	0.3	0.0	
AUG													
KWH	315222.	4906.	207107.	3.	634063.	5582.	331174.	195027.	35958.	0.	5612.	22900.	1757557.
MAX KW	740.719	12.307	409.903	0.749	1722.942	22.693	534.810	374.919	144.210	0.000	17.277	61.560	3714.193
DAY/HR	1/10	1/20	1/10	5/ 8	27/15	27/15	16/17	29/17	1/ 9	0/ 0	15/13	1/ 2	27/15
PEAK ENDUSE	675.794	7.385	351.347	0.000	1722.942	22.693	480.517	362.274	77.330	0.000	13.911	0.000	
PEAK PCT	18.2	0.2	9.5	0.0	46.4	0.6	12.9	9.8	2.1	0.0	0.4	0.0	

REPORT- PS-E Energy End-Use Summary for all Electric Meters WEATHER FILE- New York CityNY TMY2
(CONTINUED)

SEP													
KWH	303213.	4697.	199630.	232.	432459.	3512.	317551.	174469.	34799.	0.	5288.	22162.	1498012.
MAX KW	740.719	12.307	409.903	9.233	1687.505	24.226	480.773	373.772	144.210	0.000	17.214	61.560	3696.526
DAY/HR	3/10	3/20	3/10	20/ 6	5/14	5/14	5/14	4/17	1/ 9	0/ 0	20/13	1/ 2	5/14
PEAK ENDUSE	675.794	7.385	351.347	0.000	1687.505	24.226	480.773	352.340	100.320	0.000	16.835	0.000	
PEAK PCT	18.3	0.2	9.5	0.0	45.7	0.7	13.0	9.5	2.7	0.0	0.5	0.0	
OCT													
KWH	315222.	4906.	207107.	4856.	76899.	227.	324714.	173762.	35958.	0.	5880.	22900.	1172434.
MAX KW	740.719	12.307	409.903	23.429	997.887	6.213	470.979	335.682	144.210	0.000	18.262	61.560	2933.577
DAY/HR	1/10	1/20	1/10	31/ 5	9/16	9/16	9/15	9/15	1/ 9	0/ 0	30/13	1/ 2	9/15
PEAK ENDUSE	675.794	7.385	351.347	0.000	994.263	6.149	470.979	335.682	77.330	0.000	14.648	0.000	
PEAK PCT	23.0	0.3	12.0	0.0	33.9	0.2	16.1	11.4	2.6	0.0	0.5	0.0	
NOV													
KWH	301786.	4656.	199014.	12290.	11015.	0.	315224.	184419.	34799.	0.	6225.	22162.	1091589.
MAX KW	740.719	12.307	409.903	32.937	115.186	0.000	456.767	316.973	144.210	0.000	20.151	61.560	2067.030
DAY/HR	1/10	1/20	1/10	22/ 4	3/16	0/ 0	22/ 9	14/ 9	1/ 9	0/ 0	21/13	1/ 2	15/10
PEAK ENDUSE	740.719	9.780	409.903	21.626	18.556	0.000	453.808	312.205	89.870	0.000	10.561	0.000	
PEAK PCT	35.8	0.5	19.8	1.0	0.9	0.0	22.0	15.1	4.3	0.0	0.5	0.0	
DEC													
KWH	313795.	4866.	206490.	18261.	9232.	1.	326908.	195554.	35958.	0.	7129.	22900.	1141097.
MAX KW	740.719	12.307	409.903	52.998	167.493	0.328	460.673	313.539	144.210	0.000	22.317	61.560	2061.105
DAY/HR	2/10	2/20	2/10	4/ 6	9/16	9/16	4/ 9	11/12	1/ 9	0/ 0	24/13	1/ 1	4/10
PEAK ENDUSE	740.719	9.780	409.903	33.887	18.570	0.000	458.328	288.312	89.870	0.000	11.736	0.000	
PEAK PCT	35.9	0.5	19.9	1.6	0.9	0.0	22.2	14.0	4.4	0.0	0.6	0.0	
KWH	3700027.	57448.	2433565.	107479.	2742024.	21633.	3859538.	2236095.	423382.	0.	80759.	269633.	15931584.
MAX KW	740.719	12.307	409.903	70.080	2084.279	27.710	624.314	424.376	144.210	0.000	25.084	61.560	4119.031
MON/DY	1/ 2	1/ 2	1/ 2	1/23	7/ 1	7/18	6/ 1	7/ 2	1/ 1	0/ 0	2/ 1	1/ 1	7/ 1
PEAK ENDUSE	675.794	7.385	351.347	0.000	2084.279	20.133	482.357	387.946	96.140	0.000	13.650	0.000	
PEAK PCT	16.4	0.2	8.5	0.0	50.6	0.5	11.7	9.4	2.3	0.0	0.3	0.0	

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REPORT- PS-E Energy End-Use Summary for all Fuel Meters WEATHER FILE- New York CityNY TMY2

	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
JAN													
MBTU	129.	17.	416.	6231.	0.	0.	67.	675.	111.	0.	26.	97.	7770.
MAX MBTU/HR	0.4	0.0	0.9	22.3	0.1	0.0	0.2	1.2	0.5	0.0	0.1	0.3	24.8
DAY/HR	23/ 7	22/22	23/ 8	23/ 9	22/19	0/ 0	19/ 8	19/ 7	19/ 9	0/ 0	19/14	19/ 5	23/ 9
PEAK ENDUSE	0.4	0.0	0.8	22.3	0.0	0.0	0.1	0.7	0.4	0.0	0.0	0.0	
PEAK PCT	1.4	0.1	3.2	90.1	0.0	0.0	0.5	2.9	1.6	0.0	0.1	0.0	
FEB													
MBTU	115.	15.	358.	4149.	0.	0.	58.	595.	99.	0.	24.	87.	5500.
MAX MBTU/HR	0.4	0.0	0.9	20.0	0.1	0.0	0.2	1.2	0.5	0.0	0.1	0.3	22.4
DAY/HR	26/ 7	25/22	4/ 8	4/ 9	4/19	0/ 0	17/ 8	26/ 4	17/ 9	0/ 0	23/14	23/ 3	4/ 9
PEAK ENDUSE	0.3	0.0	0.8	20.0	0.0	0.0	0.1	0.7	0.4	0.0	0.0	0.0	
PEAK PCT	1.5	0.1	3.5	89.4	0.0	0.0	0.5	3.1	1.8	0.0	0.1	0.0	
MAR													
MBTU	125.	17.	349.	2629.	2.	0.	64.	634.	109.	0.	27.	97.	4053.
MAX MBTU/HR	0.4	0.1	0.8	14.6	0.2	0.0	0.2	1.2	0.5	0.0	0.1	0.3	16.6
DAY/HR	29/ 7	27/22	1/ 8	1/17	25/16	25/18	30/ 8	23/ 7	30/ 9	0/ 0	30/14	31/ 3	1/17
PEAK ENDUSE	0.3	0.0	0.5	14.6	0.0	0.0	0.1	0.7	0.3	0.0	0.1	0.0	
PEAK PCT	2.1	0.1	3.0	87.9	0.0	0.0	0.7	4.3	1.6	0.0	0.3	0.0	
APR													
MBTU	125.	16.	269.	768.	4.	0.	60.	590.	103.	0.	25.	96.	2057.
MAX MBTU/HR	0.4	0.1	0.8	7.9	0.4	0.0	0.2	1.1	0.5	0.0	0.1	0.3	10.1
DAY/HR	30/ 7	10/22	3/ 8	2/ 9	30/19	30/20	14/ 8	21/ 7	7/ 9	0/ 0	6/14	13/ 2	2/ 9
PEAK ENDUSE	0.3	0.0	0.7	7.9	0.0	0.0	0.1	0.7	0.4	0.0	0.0	0.0	
PEAK PCT	3.1	0.2	7.1	77.9	0.0	0.0	1.0	6.9	3.6	0.0	0.2	0.0	
MAY													
MBTU	122.	16.	231.	49.	67.	4.	62.	524.	102.	0.	22.	101.	1300.
MAX MBTU/HR	0.4	0.1	0.7	2.3	0.5	0.0	0.2	1.1	0.5	0.0	0.1	0.3	4.4
DAY/HR	3/ 7	7/22	7/ 8	7/ 7	22/19	23/ 2	5/14	4/ 7	25/ 9	0/ 0	25/14	25/ 5	7/ 7
PEAK ENDUSE	0.4	0.0	0.7	2.3	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.1	
PEAK PCT	8.8	0.5	15.0	52.6	0.0	0.0	0.5	20.0	0.0	0.0	0.1	2.4	
JUN													
MBTU	93.	13.	210.	1.	190.	10.	61.	423.	79.	0.	16.	86.	1183.
MAX MBTU/HR	0.4	0.1	0.6	0.2	0.6	0.0	0.5	1.1	0.5	0.0	0.1	0.3	2.2
DAY/HR	14/ 7	13/22	1/ 2	13/ 8	18/19	16/15	1/16	1/ 7	1/ 9	0/ 0	1/12	1/ 4	13/ 8
PEAK ENDUSE	0.3	0.0	0.6	0.2	0.1	0.0	0.1	0.6	0.2	0.0	0.0	0.0	
PEAK PCT	14.5	1.1	27.2	11.1	5.6	0.3	4.6	25.9	9.0	0.0	0.6	0.0	
JUL													
MBTU	83.	11.	199.	0.	296.	15.	59.	379.	70.	0.	12.	72.	1197.
MAX MBTU/HR	0.4	0.0	0.6	0.0	0.6	0.0	0.2	0.9	0.5	0.0	0.0	0.3	2.0
DAY/HR	30/ 7	4/23	7/ 5	5/ 5	18/ 7	1/23	4/15	4/ 7	4/ 9	0/ 0	6/14	7/ 5	4/ 8
PEAK ENDUSE	0.1	0.0	0.6	0.0	0.1	0.0	0.2	0.7	0.3	0.0	0.0	0.0	
PEAK PCT	3.9	1.1	30.9	0.0	3.0	0.3	8.3	35.8	16.0	0.0	0.7	0.0	
AUG													
MBTU	91.	12.	207.	1.	261.	13.	59.	401.	76.	0.	13.	79.	1213.
MAX MBTU/HR	0.4	0.0	0.6	0.2	0.6	0.0	0.3	1.0	0.5	0.0	0.1	0.3	2.2
DAY/HR	5/ 7	15/22	11/ 2	15/ 8	7/23	25/14	16/17	10/ 7	10/ 9	0/ 0	17/14	11/ 5	15/ 8

PEAK ENDUSE	0.3	0.0	0.6	0.2	0.1	0.0	0.1	0.6	0.2	0.0	0.0	0.0
PEAK PCT	14.9	1.1	27.5	11.0	4.1	0.2	4.8	26.6	9.2	0.0	0.6	0.0

Extell 221 West 57th St DOE-2.2-47h2 9/17/2015 16:39:27 BDL RUN 4

REPORT- PS-E Energy End-Use Summary for all Fuel Meters WEATHER FILE- New York CityNY TMY2
(CONTINUED)

SEP													
MBTU	103.	14.	214.	6.	160.	9.	60.	442.	87.	0.	14.	88.	1198.
MAX MBTU/HR	0.4	0.1	0.6	0.3	0.6	0.0	0.2	1.1	0.5	0.0	0.1	0.3	2.2
DAY/HR	9/ 7	19/22	15/23	20/ 9	4/ 4	5/24	22/16	20/ 4	21/ 9	0/ 0	21/14	21/ 5	20/ 8
PEAK ENDUSE	0.3	0.0	0.5	0.2	0.0	0.0	0.1	0.7	0.2	0.0	0.0	0.0	
PEAK PCT	15.3	1.2	23.8	11.3	0.1	0.0	5.3	33.0	9.5	0.0	0.6	0.0	
OCT													
MBTU	129.	17.	246.	274.	16.	1.	63.	575.	109.	0.	19.	103.	1553.
MAX MBTU/HR	0.4	0.1	0.8	4.6	0.3	0.0	0.2	1.1	0.5	0.0	0.1	0.3	6.7
DAY/HR	11/ 7	2/22	31/ 8	31/ 9	9/16	9/19	5/ 8	19/ 7	5/ 9	0/ 0	12/14	13/ 1	31/ 9
PEAK ENDUSE	0.3	0.0	0.7	4.6	0.0	0.0	0.1	0.6	0.4	0.0	0.0	0.0	
PEAK PCT	4.7	0.4	9.9	68.2	0.0	0.0	1.5	9.6	5.5	0.0	0.3	0.0	
NOV													
MBTU	117.	16.	327.	1842.	0.	0.	61.	616.	106.	0.	20.	94.	3199.
MAX MBTU/HR	0.4	0.0	0.8	11.7	0.0	0.0	0.2	1.2	0.5	0.0	0.1	0.3	14.0
DAY/HR	19/ 7	20/22	22/ 8	22/ 9	4/13	0/ 0	28/ 8	16/ 7	3/ 9	0/ 0	9/14	2/ 6	22/ 9
PEAK ENDUSE	0.3	0.0	0.7	11.7	0.0	0.0	0.1	0.7	0.4	0.0	0.0	0.0	
PEAK PCT	2.3	0.2	5.3	83.8	0.0	0.0	0.8	4.8	2.7	0.0	0.1	0.0	
DEC													
MBTU	127.	17.	386.	4162.	0.	0.	64.	657.	110.	0.	23.	97.	5644.
MAX MBTU/HR	0.4	0.0	0.9	17.6	0.0	0.0	0.2	1.2	0.5	0.0	0.1	0.3	20.0
DAY/HR	11/ 7	12/22	4/ 8	4/ 9	9/16	9/16	25/ 8	28/ 7	25/ 9	0/ 0	14/14	8/24	4/ 9
PEAK ENDUSE	0.3	0.0	0.8	17.6	0.0	0.0	0.1	0.7	0.4	0.0	0.0	0.0	
PEAK PCT	1.7	0.1	3.9	88.1	0.0	0.0	0.6	3.5	2.0	0.0	0.1	0.0	
	=======	=======	=======	=======	=======	=======	=======	=======	=======	=======	=======	=======	========
MBTU	1359.	182.	3412.	20112.	996.	52.	738.	6511.	1162.	0.	242.	1098.	35864.
MAX MBTU/HR	0.4	0.1	0.9	22.3	0.6	0.0	0.5	1.2	0.5	0.0	0.1	0.3	24.8
MON/DY	9/ 9	10/ 2	1/23	1/23	7/18	8/25	6/ 1	1/19	5/25	0/ 0	3/30	6/ 1	1/23
PEAK ENDUSE	0.4	0.0	0.8	22.3	0.0	0.0	0.1	0.7	0.4	0.0	0.0	0.0	
PEAK PCT	1.4	0.1	3.2	90.1	0.0	0.0	0.5	2.9	1.6	0.0	0.1	0.0	

REPORT- PV-A Plant Design Parameters WEATHER FILE- New York CityNY TMY2

*** CIRCULATION LOOPS ***

	HEATING CAPACITY (MBTU/HR)	COOLING CAPACITY (MBTU/HR)	LOOP FLOW (GAL/MIN)	TOTAL HEAD (FT)	SUPPLY UA PRODUCT (BTU/HR-F)	SUPPLY LOSS DT (F)	RETURN UA PRODUCT (BTU/HR-F)	RETURN LOSS DT (F)	LOOP VOLUME (GAL)	FLUID HEAT CAPACITY (BTU/LB-F)
Res PCW Loop	-30.666	45.602	8987.7	61.6	0.0	0.00	0.0	0.00	13481.6	1.00
Upper Res PHW Loop	-12.773	0.000	845.6	41.6	0.0	0.00	0.0	0.00	1268.4	1.00
Lower Res PHW Loop	-6.515	0.000	393.0	41.6	0.0	0.00	0.0	0.00	589.5	1.00
Retail Elec DHW Loop	-0.086	0.000	2.2	0.0	0.0	0.00	0.0	0.00	3.2	1.00
Retail PHW Loop	-21.881	0.000	1459.1	41.6	0.0	0.00	0.0	0.00	2188.6	1.00
Retail CHW Loop	0.000	17.868	3519.1	51.6	0.0	0.00	0.0	0.00	5278.7	1.00
Penthouse CHW Loop	0.000	0.550	108.8	56.6	0.0	0.00	0.0	0.00	163.2	1.00
__SCW 90 Loop	-6.111	8.227	1624.8	41.6	0.0	0.00	0.0	0.00	2437.1	1.00
__SCW 67 Loop	-5.886	8.414	1662.0	41.6	0.0	0.00	0.0	0.00	2493.0	1.00
__SCW 46 Loop	-18.882	27.008	5353.1	41.6	0.0	0.00	0.0	0.00	8029.6	1.00
__SHW FTR 90 Loop	-4.794	0.000	321.0	31.6	0.0	0.00	0.0	0.00	481.5	1.00
__SHW DHW 90 Loop	-0.081	0.000	2.3	21.6	0.0	0.00	0.0	0.00	3.5	1.00
__SHW FTR 67 Loop	-4.015	0.000	268.1	31.6	0.0	0.00	0.0	0.00	402.2	1.00
__SHW DHW 67 Loop	-0.081	0.000	2.3	21.6	0.0	0.00	0.0	0.00	3.5	1.00
__SHW FTR 46 Loop	-3.593	0.000	239.8	31.6	0.0	0.00	0.0	0.00	359.7	1.00
__SHW DHW 46 Loop	-0.081	0.000	2.3	21.6	0.0	0.00	0.0	0.00	3.5	1.00
__SHW FTR 11 Loop	-3.040	0.000	203.2	31.6	0.0	0.00	0.0	0.00	304.8	1.00

(CONTINUED)

__SHW DHW 11 Loop

-0.204	0.000	5.8	21.6	0.0	0.00	0.0	0.00	8.7	1.00

__SHW DHW 7 Loop

-0.204	0.000	5.8	21.6	0.0	0.00	0.0	0.00	8.7	1.00

*** PUMPS ***

ATTACHED TO	FLOW (GAL/MIN)	HEAD (FT)	HEAD SETPOINT (FT)	CAPACITY CONTROL	POWER (KW)	MECHANICAL EFFICIENCY (FRAC)	MOTOR EFFICIENCY (FRAC)
Res PCW Pump	3 PUMP(s)						
Res PCW Loop	6000.0	150.0	42.6	VFD&STAGED	207.015	0.910	0.900
PRIMARY LOOP							
SCW 90 Pump	1 PUMP(s)						
__SCW 90 Loop	1100.0	125.0	42.6	VAR-SPEED	31.627	0.910	0.900
SECONDARY LOOP							
SCW 67 Pump	1 PUMP(s)						
__SCW 67 Loop	1100.0	125.0	42.6	VAR-SPEED	31.627	0.910	0.900
SECONDARY LOOP							
SCW 46 Pump	1 PUMP(s)						
__SCW 46 Loop	2500.0	125.0	42.6	VAR-SPEED	71.880	0.910	0.900
SECONDARY LOOP							
Upper Res PHW Pump	4 PUMP(s)						
Upper Res PHW Loop	1640.0	150.0	32.6	VFD&STAGED	56.584	0.910	0.900
PRIMARY LOOP							
SHW FTR 90 Pump	1 PUMP(s)						
__SHW FTR 90 Loop	430.0	80.0	32.6	VAR-SPEED	7.913	0.910	0.900
SECONDARY LOOP							
SHW DHW 90 Pump	1 PUMP(s)						
__SHW DHW 90 Loop	2.3	80.0	22.6	VAR-SPEED	0.043	0.910	0.900
SECONDARY LOOP							
SHW FTR 67 Pump	1 PUMP(s)						
__SHW FTR 67 Loop	200.0	70.0	32.6	VAR-SPEED	3.220	0.910	0.900
SECONDARY LOOP							
SHW DHW 67 Pump	1 PUMP(s)						
__SHW DHW 67 Loop	2.3	80.0	22.6	VAR-SPEED	0.043	0.910	0.900
SECONDARY LOOP							
SHW FTR 46 Pump	1 PUMP(s)						
__SHW FTR 46 Loop	140.0	70.0	32.6	VAR-SPEED	2.254	0.910	0.900
SECONDARY LOOP							
SHW DHW 46 Pump	1 PUMP(s)						
__SHW DHW 46 Loop	2.3	80.0	22.6	VAR-SPEED	0.043	0.910	0.900
SECONDARY LOOP							
Lower Res PHW Pump	4 PUMP(s)						

Lower Res PHW Loop PRIMARY LOOP	2160.0	140.0	32.6	VFD&STAGED	69.557	0.910	0.900

REPORT- PV-A Plant Design Parameters WEATHER FILE- New York CityNY TMY2
(CONTINUED)

SHW FTR 11 Pump	1 PUMP(s)						
__SHW FTR 11 Loop	195.0	70.0	32.6	VAR-SPEED	3.140	0.910	0.900
SECONDARY LOOP							
SHW DHW 11 Pump	1 PUMP(s)						
__SHW DHW 11 Loop	5.8	80.0	22.6	VAR-SPEED	0.107	0.910	0.900
SECONDARY LOOP							
SHW DHW 7 Pump	1 PUMP(s)						
__SHW DHW 7 Loop	5.8	80.0	22.6	VAR-SPEED	0.107	0.910	0.900
SECONDARY LOOP							
Retail PHW Pump	1 PUMP(s)						
Retail PHW Loop	400.0	80.0	32.6	VAR-SPEED	7.361	0.910	0.900
PRIMARY LOOP							
Penthouse CHW Pump	1 PUMP(s)						
CH-94-1	99.4	70.0	0.0	ONE-SPEED	2.103	0.770	0.810
EVAPORATOR PRIMARY							
Retail CHW Pump	1 PUMP(s)						
Retail CHW Loop	3871.1	80.0	0.0	ONE-SPEED	84.184	0.770	0.900
PRIMARY LOOP							
Penthouse CHW Pump 2	1 PUMP(s)						
CH-94-2	119.7	70.0	0.0	ONE-SPEED	2.530	0.770	0.810
EVAPORATOR PRIMARY							

*** PRIMARY EQUIPMENT ***

EQUIPMENT TYPE	ATTACHED TO	RATED CAPACITY (MBTU/HR)	FLOW (GAL/MIN)	RATED EIR (FRAC)	RATED HIR (FRAC)	AUXILIARY (KW)
B-67M-6						
HW-CONDENSING	Upper Res PHW Loop	-5.610	371.4	0.000	1.045	0.000
B-67M-5						
HW-CONDENSING	Upper Res PHW Loop	-5.610	371.4	0.000	1.045	0.000
B-67M-4						
HW-CONDENSING	Upper Res PHW Loop	-5.610	371.4	0.000	1.045	0.000
B-67M-3						
HW-CONDENSING	Upper Res PHW Loop	-5.610	371.4	0.000	1.045	0.000
B-67M-2						
HW-CONDENSING	Upper Res PHW Loop	-5.610	371.4	0.000	1.045	0.000
B-67M-1						
HW-CONDENSING	Upper Res PHW Loop	-5.610	371.4	0.000	1.045	0.000
B-7-1						
HW-CONDENSING	Lower Res PHW Loop	-5.610	338.4	0.000	1.045	0.000
B-7-2						
HW-CONDENSING	Lower Res PHW Loop	-5.610	338.4	0.000	1.045	0.000

B-7-3						
HW-CONDENSING	Lower Res PHW Loop	-5.610	338.4	0.000	1.045	0.000
B-7-4						
HW-CONDENSING	Lower Res PHW Loop	-5.610	338.4	0.000	1.045	0.000
B-7-5						
HW-CONDENSING	Lower Res PHW Loop	-5.610	338.4	0.000	1.045	0.000
B-7-6						
HW-CONDENSING	Lower Res PHW Loop	-5.610	338.4	0.000	1.045	0.000
B-6-1						
HW-CONDENSING	Retail PHW Loop	-5.610	374.1	0.000	1.045	0.000
B-6-2						
HW-CONDENSING	Retail PHW Loop	-5.610	374.1	0.000	1.045	0.000
Fake - HP Loop Boiler						
HW-CONDENSING	Res PCW Loop	0.000	0.0	0.000	1.074	0.000
Retail Chiller 1						
ELEC-SCREW	Retail CHW Loop	3.600	732.8	0.319	0.000	0.000
Retail Chiller 2						
ELEC-SCREW	Retail CHW Loop	3.600	732.8	0.319	0.000	0.000
Retail Chiller 3						
ELEC-SCREW	Retail CHW Loop	3.600	732.8	0.319	0.000	0.000
CH-94-1						
ELEC-OPEN-CENT	Penthouse CHW Loop	0.544	90.4	0.206	0.000	0.000
	Res PCW Loop	0.549	109.8			
CH-94-2						
ELEC-OPEN-CENT	Penthouse CHW Loop	1.185	196.9	0.201	0.000	0.000
	Res PCW Loop	1.191	238.1			

*** COOLING TOWERS ***

EQUIPMENT TYPE	ATTACHED TO	CAPACITY (MBTU/HR)	FLOW (GAL/MIN)	NUMBER OF CELLS	FAN POWER PER CELL (KW)	SPRAY PWR PER CELL (KW)	AUXILIARY (KW)
C-TR-1							
OPEN-TWR	Res PCW Loop	10.000	1998.4	1	30.770	0.000	0.000
C-TR-2							
OPEN-TWR	Res PCW Loop	10.000	1998.4	1	30.770	0.000	0.000
C-TR-3							
OPEN-TWR	Res PCW Loop	10.000	1998.4	1	30.770	0.000	0.000

*** DW-HEATERS ***

EQUIPMENT TYPE	ATTACHED TO	CAPACITY (MBTU/HR)	FLOW (GAL/MIN)	EIR (FRAC)	HIR (FRAC)	AUXILIARY (KW)	TANK (GAL)	TANK UA (BTU/HR-F)

Nordstrom Elec DHW Heater

ELEC DW-HEATER	Retail Elec DHW Loop	-0.086	2.2	1.000	0.000	0.000	150.0	15.00

REPORT- SV-A System Design Parameters for SC2 (Retail) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	28708.8	574.	0.241	1393.404	0.681	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	36181.	1.00	23.728	2.03	3.5	0.63	0.72	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC2WNW Perim Zn (B.WNW1)	2236.	0.	0.000	0.278	622.	0.00	0.00	50.70	-60.36	-30.18	1.
SC2NNE Perim Zn (B.NNE2)	4467.	0.	0.000	0.186	829.	0.00	0.00	101.31	-120.60	-60.30	1.
SC2Core Zn (B.C4)	8499.	0.	0.000	0.278	2365.	0.00	0.00	192.77	-229.49	-114.74	1.
SC2SW Perim Zn (B.SW5)	1132.	0.	0.000	0.278	315.	0.00	0.00	25.66	-30.55	-15.28	1.
SC2Core Zn (B.C9)	9951.	0.	0.000	0.278	2769.	0.00	0.00	225.69	-268.68	-134.34	1.
SC2Core Zn (B.C11)	9897.	0.	0.000	0.186	1836.	0.00	0.00	224.46	-267.21	-133.61	1.
SC2WNW Perim Zn (B.WNW6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
SC2Core Zn (B.C10)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for SC1 (Retail) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	34393.6	688.	0.267	1489.046	0.678	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	38332.	1.00	25.138	2.03	3.5	0.63	0.72	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC1WNW Perim Zn (B.WNW1)	2236.	0.	0.000	0.278	622.	0.00	0.00	50.70	-60.36	-30.18	1.
SC1NNE Perim Zn (B.NNE2)	4467.	0.	0.000	0.186	829.	0.00	0.00	101.31	-120.60	-60.30	1.
SC1Core Zn (B.C4)	8499.	0.	0.000	0.278	2365.	0.00	0.00	192.77	-229.49	-114.74	1.
SC1SW Perim Zn (B.SW5)	1132.	0.	0.000	0.278	315.	0.00	0.00	25.66	-30.55	-15.28	1.
SC1SSW Perim Zn (B.SSW7)	2338.	0.	0.000	0.278	651.	0.00	0.00	53.03	-63.13	-31.57	1.
SC1ESE Perim Zn (B.ESE8)	3111.	0.	0.000	0.278	866.	0.00	0.00	70.56	-84.00	-42.00	1.
SC1Core Zn (B.C9)	9951.	0.	0.000	0.278	2769.	0.00	0.00	225.69	-268.68	-134.34	1.
SC1Core Zn (B.C11)	6598.	0.	0.000	0.278	1836.	0.00	0.00	149.64	-178.14	-89.07	1.
SC1Core Zn (B.C3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
SC1WNW Perim Zn (B.WNW6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
SC1Core Zn (B.C10)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for Cellar (Retail) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	30278.4	606.	0.256	1418.052	0.679	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	36665.	1.00	24.045	2.03	3.5	0.63	0.72	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
CWNW Perim Zn (B.WNW1)	2430.	0.	0.000	0.256	622.	0.00	0.00	55.11	-65.61	-32.81	1.
CNNE Perim Zn (B.NNE2)	3237.	0.	0.000	0.256	829.	0.00	0.00	73.41	-87.39	-43.70	1.
CCore Zn (B.C4)	9239.	0.	0.000	0.256	2365.	0.00	0.00	209.53	-249.44	-124.72	1.
CSW Perim Zn (B.SW5)	1230.	0.	0.000	0.256	315.	0.00	0.00	27.90	-33.21	-16.61	1.
CSSW Perim Zn (B.SSW7)	2542.	0.	0.000	0.256	651.	0.00	0.00	57.64	-68.62	-34.31	1.
CCore Zn (B.C9)	10817.	0.	0.000	0.256	2769.	0.00	0.00	245.32	-292.05	-146.02	1.
CCore Zn (B.C11)	7172.	0.	0.000	0.256	1836.	0.00	0.00	162.65	-193.63	-96.82	1.
CCore Zn (B.C3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for Ground (Retail) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	66082.3	638.	0.136	2301.036	0.696	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	62581.	1.00	41.041	2.03	3.5	0.63	0.72	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
GNW Perim Zn (G.NW2)	8055.	0.	0.000	0.107	859.	0.00	0.00	182.68	-347.96	-133.74	1.
									-50.00	(BASEBOARDS)	
GNNE Perim Zn (G.NNE3)	3694.	0.	0.000	0.107	394.	0.00	0.00	83.79	-159.60	-74.87	1.
									-50.00	(BASEBOARDS)	
GEast Perim Zn (G.E6)	1582.	0.	0.000	0.186	293.	0.00	0.00	35.88	-68.35	-46.36	1.
									-50.00	(BASEBOARDS)	
GWest Perim Zn (G.W8)	2193.	0.	0.000	0.071	156.	0.00	0.00	49.73	-94.73	-54.60	1.
									-50.00	(BASEBOARDS)	
GSSW Perim Zn (G.SSW9)	2996.	0.	0.000	0.107	320.	0.00	0.00	67.95	-129.42	-65.44	1.
									-50.00	(BASEBOARDS)	
GESE Perim Zn (G.ESE10)	1011.	0.	0.000	0.142	144.	0.00	0.00	22.92	-43.65	-38.64	1.
									-50.00	(BASEBOARDS)	
GSSW Perim Zn (G.SSW12)	4775.	0.	0.000	0.125	599.	0.00	0.00	108.31	-206.30	-89.47	1.
									-50.00	(BASEBOARDS)	
GCore Zn (G.C13)	5423.	0.	0.000	0.186	1006.	0.00	0.00	122.99	-234.28	-98.21	1.
									-50.00	(BASEBOARDS)	
GCore Zn (G.C14)	1744.	0.	0.000	0.107	186.	0.00	0.00	39.54	-75.32	-48.54	1.
									-50.00	(BASEBOARDS)	
GNNE Perim Zn (G.NNE15)	6548.	0.	0.000	0.107	698.	0.00	0.00	148.50	-282.85	-113.39	1.
									-50.00	(BASEBOARDS)	
GCore Zn (G.C16)	13128.	0.	0.000	0.107	1400.	0.00	0.00	297.75	-567.14	-202.23	1.
									-50.00	(BASEBOARDS)	
GCore Zn (G.C17)	11432.	0.	0.000	0.213	2439.	0.00	0.00	259.29	-493.88	-179.34	1.
									-50.00	(BASEBOARDS)	
GNW Perim Zn (G.NW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
GSSW Perim Zn (G.SSW4)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
GWest Perim Zn (G.W5)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
GNNE Perim Zn (G.NNE7)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
GPl Zn (G.18)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for 1Mezz (Retail) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	33093.9	662.	0.237	1529.453	0.682	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	39821.	1.00	26.115	2.03	3.5	0.63	0.72	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
1MNorth Perim Zn (G.N2)	2526.	0.	0.000	0.267	674.	0.00	0.00	57.30	-81.85	-59.11	1.
									-37.50	(BASEBOARDS)	
1MSW Perim Zn (G.SW3)	2573.	0.	0.000	0.187	482.	0.00	0.00	58.36	-83.37	-59.74	1.
									-37.50	(BASEBOARDS)	
1MSSW Perim Zn (G.SSW5)	2697.	0.	0.000	0.267	719.	0.00	0.00	61.17	-87.39	-61.41	1.
									-37.50	(BASEBOARDS)	
1MNNE Perim Zn (G.NNE6)	3008.	0.	0.000	0.235	707.	0.00	0.00	68.21	-97.45	-65.60	1.
									-37.50	(BASEBOARDS)	
1MESE Perim Zn (G.ESE7)	6492.	0.	0.000	0.133	866.	0.00	0.00	147.23	-210.33	-112.64	1.
									-37.50	(BASEBOARDS)	
1MCore Zn (G.C10)	5304.	0.	0.000	0.267	1415.	0.00	0.00	120.30	-171.86	-96.61	1.
									-37.50	(BASEBOARDS)	
1MCore Zn (G.C11)	17221.	0.	0.000	0.267	4592.	0.00	0.00	390.56	-557.95	-257.48	1.
									-37.50	(BASEBOARDS)	
1MNW Perim Zn (G.NW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
1MSW Perim Zn (G.SW4)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
1MCore Zn (G.C9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for 2 (Retail) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	36126.6	723.	0.175	2124.713	0.690	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	56791.	1.00	37.244	2.03	3.5	0.63	0.72	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
25North Perim Zn (G.N2)	3158.	0.	0.000	0.213	674.	0.00	0.00	71.62	-136.42	-67.63	1.
									-50.00	(BASEBOARDS)	
25SSW Perim Zn (G.SSW5)	7066.	0.	0.000	0.100	703.	0.00	0.00	160.26	-305.26	-120.39	1.
									-50.00	(BASEBOARDS)	
25Core Zn (G.C6)	8671.	0.	0.000	0.213	1850.	0.00	0.00	196.65	-374.57	-142.05	1.
									-50.00	(BASEBOARDS)	
25West Perim Zn (G.W7)	2544.	0.	0.000	0.061	156.	0.00	0.00	57.70	-109.90	-59.34	1.
									-50.00	(BASEBOARDS)	
25SSW Perim Zn (G.SSW8)	1660.	0.	0.000	0.192	320.	0.00	0.00	37.65	-71.72	-47.41	1.
									-50.00	(BASEBOARDS)	
25ESE Perim Zn (G.ESE9)	4473.	0.	0.000	0.107	477.	0.00	0.00	101.46	-193.25	-85.39	1.
									-50.00	(BASEBOARDS)	
25ESE Perim Zn (G.ESE10)	2277.	0.	0.000	0.171	389.	0.00	0.00	51.64	-98.35	-55.74	1.
									-50.00	(BASEBOARDS)	
25NNE Perim Zn (G.NNE11)	3794.	0.	0.000	0.138	522.	0.00	0.00	86.04	-163.89	-76.21	1.
									-50.00	(BASEBOARDS)	
25NNE Perim Zn (G.NNE12)	1303.	0.	0.000	0.142	185.	0.00	0.00	29.55	-56.28	-42.59	1.
									-50.00	(BASEBOARDS)	
25Core Zn (G.C15)	14022.	0.	0.000	0.213	2991.	0.00	0.00	318.03	-605.77	-214.30	1.
									-50.00	(BASEBOARDS)	
25Core Zn (G.C16)	7823.	0.	0.000	0.213	1669.	0.00	0.00	177.43	-337.96	-130.61	1.
									-50.00	(BASEBOARDS)	
25NW Perim Zn (G.NW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
25SSW Perim Zn (G.SSW3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
25West Perim Zn (G.W4)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
25Core Zn (G.C13)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
25Core Zn (G.C14)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for 3-4 (Retail) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	72253.2	1445.	0.157	4703.195	0.693	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	126782.	1.00	83.144	2.03	3.5	0.63	0.72	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
25North Perim Zn (M.N18)	3632.	0.	0.000	0.186	674.	0.00	0.00	82.36	-156.88	-74.03	2.
									-50.00	(BASEBOARDS)	
25SSW Perim Zn (M.SSW21)	8319.	0.	0.000	0.085	703.	0.00	0.00	188.67	-359.38	-137.31	2.
									-50.00	(BASEBOARDS)	
25Core Zn (M.C22)	8671.	0.	0.000	0.213	1850.	0.00	0.00	196.65	-374.57	-142.05	2.
									-50.00	(BASEBOARDS)	
25West Perim Zn (M.W23)	2926.	0.	0.000	0.053	156.	0.00	0.00	66.36	-126.41	-64.50	2.
									-50.00	(BASEBOARDS)	
25SSW Perim Zn (M.SSW24)	1714.	0.	0.000	0.186	320.	0.00	0.00	38.87	-74.04	-48.14	2.
									-50.00	(BASEBOARDS)	
25ESE Perim Zn (M.ESE25)	4473.	0.	0.000	0.107	477.	0.00	0.00	101.46	-193.25	-85.39	2.
									-50.00	(BASEBOARDS)	
25ESE Perim Zn (M.ESE26)	2732.	0.	0.000	0.142	389.	0.00	0.00	61.96	-118.03	-61.88	2.
									-50.00	(BASEBOARDS)	
25NNE Perim Zn (M.NNE27)	3742.	0.	0.000	0.139	522.	0.00	0.00	84.88	-161.67	-75.52	2.
									-50.00	(BASEBOARDS)	
25NNE Perim Zn (M.NNE28)	1425.	0.	0.000	0.130	185.	0.00	0.00	32.31	-61.55	-44.23	2.
									-50.00	(BASEBOARDS)	
25Core Zn (M.C31)	14022.	0.	0.000	0.213	2991.	0.00	0.00	318.03	-605.77	-214.30	2.
									-50.00	(BASEBOARDS)	
25Core Zn (M.C32)	11735.	0.	0.000	0.142	1669.	0.00	0.00	266.15	-506.94	-183.42	2.
									-50.00	(BASEBOARDS)	
25NW Perim Zn (M.NW17)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
25SSW Perim Zn (M.SSW19)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
25West Perim Zn (M.W20)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
25Core Zn (M.C29)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
25Core Zn (M.C30)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.

REPORT- SV-A System Design Parameters for 5 (Retail) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	36126.6	723.	0.138	2650.924	0.696	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	72208.	1.00	47.355	2.03	3.5	0.63	0.72	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
25North Perim Zn (T.N34)	3158.	0.	0.000	0.213	674.	0.00	0.00	71.62	-102.32	-67.63	1.
									-37.50	(BASEBOARDS)	
25SSW Perim Zn (T.SSW37)	13161.	0.	0.000	0.053	703.	0.00	0.00	298.50	-426.43	-202.68	1.
									-37.50	(BASEBOARDS)	
25Core Zn (T.C38)	8671.	0.	0.000	0.213	1850.	0.00	0.00	196.65	-280.93	-142.05	1.
									-37.50	(BASEBOARDS)	
25West Perim Zn (T.W39)	4543.	0.	0.000	0.034	156.	0.00	0.00	103.03	-147.18	-86.33	1.
									-37.50	(BASEBOARDS)	
25SSW Perim Zn (T.SSW40)	2195.	0.	0.000	0.146	320.	0.00	0.00	49.78	-71.11	-54.63	1.
									-37.50	(BASEBOARDS)	
25ESE Perim Zn (T.ESE41)	4473.	0.	0.000	0.107	477.	0.00	0.00	101.46	-144.94	-85.39	1.
									-37.50	(BASEBOARDS)	
25ESE Perim Zn (T.ESE42)	2277.	0.	0.000	0.171	389.	0.00	0.00	51.64	-73.77	-55.74	1.
									-37.50	(BASEBOARDS)	
25NNE Perim Zn (T.NNE43)	6003.	0.	0.000	0.087	522.	0.00	0.00	136.15	-194.49	-106.04	1.
									-37.50	(BASEBOARDS)	
25NNE Perim Zn (T.NNE44)	1971.	0.	0.000	0.094	185.	0.00	0.00	44.69	-63.85	-51.60	1.
									-37.50	(BASEBOARDS)	
25Core Zn (T.C47)	14022.	0.	0.000	0.213	2991.	0.00	0.00	318.03	-454.33	-214.30	1.
									-37.50	(BASEBOARDS)	
25Core Zn (T.C48)	11735.	0.	0.000	0.142	1669.	0.00	0.00	266.15	-380.21	-183.42	1.
									-37.50	(BASEBOARDS)	
25NW Perim Zn (T.NW33)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
25SSW Perim Zn (T.SSW35)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
25West Perim Zn (T.W36)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
25Core Zn (T.C45)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
25Core Zn (T.C46)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for HP Lower Res WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
HP	1.000	383537.8	271.	0.000	0.000	0.000	0.000	0.278	0.205	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	191985.	0.00	0.000	0.83	0.0	0.00	0.00	BLOW-THRU	CONSTANT	0.00	0.00

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
1519WNW Perim Zn (G.WNW6)	1432.	0.	0.384	1.000	0.	43.96	0.70	32.05	-59.68	-63.53	3.
									-25.00	(BASEBOARDS)	
1519NNE Perim Zn (G.NNE7)	4566.	0.	1.223	1.000	0.	139.21	0.70	102.22	-189.02	-147.87	3.
									-25.00	(BASEBOARDS)	
1519East Perim Zn (G.E8)	1134.	0.	0.304	1.000	0.	34.69	0.70	25.39	-47.10	-55.52	3.
									-25.00	(BASEBOARDS)	
1519ESE Perim Zn (G.ESE9)	981.	0.	0.263	1.000	0.	29.96	0.70	21.97	-40.67	-51.41	3.
									-25.00	(BASEBOARDS)	
1519South Perim Zn (G.S10	499.	0.	0.134	1.000	0.	15.30	0.70	11.17	-20.78	-38.42	3.
									-25.00	(BASEBOARDS)	
1519SSE Perim Zn (G.SSE11	2211.	0.	0.592	1.000	0.	67.47	0.70	49.50	-91.61	-84.50	3.
									-25.00	(BASEBOARDS)	
1519WNW Perim Zn (M.WNW20	1432.	0.	0.384	1.000	0.	43.96	0.70	32.05	-59.68	-63.53	5.
									-25.00	(BASEBOARDS)	
1519NNE Perim Zn (M.NNE21	4566.	0.	1.223	1.000	0.	139.21	0.70	102.22	-189.02	-147.87	5.
									-25.00	(BASEBOARDS)	
1519East Perim Zn (M.E22)	1134.	0.	0.304	1.000	0.	34.69	0.70	25.39	-47.10	-55.52	5.
									-25.00	(BASEBOARDS)	
1519ESE Perim Zn (M.ESE23	981.	0.	0.263	1.000	0.	29.96	0.70	21.97	-40.67	-51.41	5.
									-25.00	(BASEBOARDS)	
1519South Perim Zn (M.S24	499.	0.	0.134	1.000	0.	15.33	0.70	11.17	-20.81	-38.42	5.
									-25.00	(BASEBOARDS)	
1519SSE Perim Zn (M.SSE25	2211.	0.	0.592	1.000	0.	67.47	0.70	49.50	-91.61	-84.50	5.
									-25.00	(BASEBOARDS)	
1519West Perim Zn (M.W26)	1565.	0.	0.419	1.000	0.	47.90	0.70	35.03	-65.04	-67.10	5.
									-25.00	(BASEBOARDS)	
1519WNW Perim Zn (M.WNW27	1220.	0.	0.327	1.000	0.	37.11	0.70	27.31	-50.38	-57.83	5.
									-25.00	(BASEBOARDS)	
1519WNW Perim Zn (T.WNW34	1432.	0.	0.384	1.000	0.	43.96	0.70	32.05	-59.68	-63.53	1.
									-25.00	(BASEBOARDS)	
1519NNE Perim Zn (T.NNE35	4566.	0.	1.223	1.000	0.	139.21	0.70	102.22	-189.02	-147.87	1.
									-25.00	(BASEBOARDS)	
1519East Perim Zn (T.E36)	1134.	0.	0.304	1.000	0.	34.69	0.70	25.39	-47.10	-55.52	1.
									-25.00	(BASEBOARDS)	
1519ESE Perim Zn (T.ESE37	981.	0.	0.263	1.000	0.	29.96	0.70	21.97	-40.67	-51.41	1.
									-25.00	(BASEBOARDS)	
1519South Perim Zn (T.S38	499.	0.	0.134	1.000	0.	15.33	0.70	11.17	-20.81	-38.42	1.
									-25.00	(BASEBOARDS)	
1519SSE Perim Zn (T.SSE39	2211.	0.	0.592	1.000	0.	67.47	0.70	49.50	-91.61	-84.50	1.
									-25.00	(BASEBOARDS)	

1519West Perim Zn (T.W40)	1565.	0.	0.419	1.000	0.	47.90	0.70	35.03	-65.04	-67.10	1.
									-25.00 (BASEBOARDS)		
1519WNW Perim Zn (T.WNW41	1220.	0.	0.327	1.000	0.	37.11	0.70	27.31	-50.38	-57.83	1.
									-25.00 (BASEBOARDS)		
2026East Perim Zn (G.E6)	1134.	0.	0.304	1.000	0.	34.64	0.70	25.39	-47.04	-55.52	1.
									-25.00 (BASEBOARDS)		
2026WNW Perim Zn (G.WNW7)	1432.	0.	0.384	1.000	0.	43.85	0.70	32.05	-59.54	-63.53	1.
									-25.00 (BASEBOARDS)		
2026NNE Perim Zn (G.NNE8)	4566.	0.	1.223	1.000	0.	138.97	0.70	102.22	-188.69	-147.87	1.
									-25.00 (BASEBOARDS)		
2026WNW Perim Zn (G.WNW9)	1220.	0.	0.327	1.000	0.	37.21	0.70	27.31	-50.53	-57.83	1.
									-25.00 (BASEBOARDS)		
2026ESE Perim Zn (G.ESE10	981.	0.	0.263	1.000	0.	29.91	0.70	21.97	-40.62	-51.41	1.
									-25.00 (BASEBOARDS)		
2026SW Perim Zn (G.SW11)	536.	0.	0.144	1.000	0.	16.52	0.70	12.01	-22.43	-39.44	1.
									-25.00 (BASEBOARDS)		
2026SSW Perim Zn (G.SSW12	798.	0.	0.214	1.000	0.	24.42	0.70	17.87	-33.15	-46.48	1.
									-25.00 (BASEBOARDS)		
2026South Perim Zn (G.S13	458.	0.	0.123	1.000	0.	14.09	0.70	10.26	-19.14	-37.34	1.
									-25.00 (BASEBOARDS)		
2026East Perim Zn (M.E20)	1134.	0.	0.304	1.000	0.	34.86	0.70	25.39	-47.34	-55.52	5.
									-25.00 (BASEBOARDS)		
2026WNW Perim Zn (M.WNW21	1432.	0.	0.384	1.000	0.	43.85	0.70	32.05	-59.54	-63.53	5.
									-25.00 (BASEBOARDS)		
2026NNE Perim Zn (M.NNE22	4566.	0.	1.223	1.000	0.	139.10	0.70	102.22	-188.87	-147.87	5.
									-25.00 (BASEBOARDS)		
2026WNW Perim Zn (M.WNW23	1220.	0.	0.327	1.000	0.	37.26	0.70	27.31	-50.59	-57.83	5.
									-25.00 (BASEBOARDS)		
2026ESE Perim Zn (M.ESE24	981.	0.	0.263	1.000	0.	29.91	0.70	21.97	-40.62	-51.41	5.
									-25.00 (BASEBOARDS)		
2026SW Perim Zn (M.SW25)	536.	0.	0.144	1.000	0.	16.52	0.70	12.01	-22.43	-39.44	5.
									-25.00 (BASEBOARDS)		
2026SSW Perim Zn (M.SSW26	798.	0.	0.214	1.000	0.	24.42	0.70	17.87	-33.15	-46.48	5.
									-25.00 (BASEBOARDS)		
2026South Perim Zn (M.S27	458.	0.	0.123	1.000	0.	14.14	0.70	10.26	-19.19	-37.34	5.
									-25.00 (BASEBOARDS)		
2026East Perim Zn (T.E34)	1134.	0.	0.304	1.000	0.	34.86	0.70	25.39	-47.34	-55.52	1.
									-25.00 (BASEBOARDS)		
2026WNW Perim Zn (T.WNW35	1432.	0.	0.384	1.000	0.	44.56	0.69	32.05	-60.51	-63.53	1.
									-25.00 (BASEBOARDS)		
2026NNE Perim Zn (T.NNE36	4566.	0.	1.223	1.000	0.	142.58	0.69	102.22	-193.60	-147.87	1.
									-25.00 (BASEBOARDS)		
2026WNW Perim Zn (T.WNW37	1220.	0.	0.327	1.000	0.	37.11	0.70	27.31	-50.38	-57.83	1.
									-25.00 (BASEBOARDS)		

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									(CONTINUED)		
2026ESE Perim Zn (T.ESE38	981.	0.	0.263	1.000	0.	29.91	0.70	21.97	-40.62	-51.41	1.
									-25.00 (BASEBOARDS)		
2026SW Perim Zn (T.SW39)	536.	0.	0.144	1.000	0.	16.72	0.69	12.01	-22.70	-39.44	1.
									-25.00 (BASEBOARDS)		
2026SSW Perim Zn (T.SSW40	798.	0.	0.214	1.000	0.	24.63	0.70	17.87	-33.44	-46.48	1.
									-25.00 (BASEBOARDS)		
2026South Perim Zn (T.S41	458.	0.	0.123	1.000	0.	14.19	0.70	10.26	-19.26	-37.34	1.
									-25.00 (BASEBOARDS)		
1519Core Zn (G.C1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
1519Core Zn (G.C2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
1519Core Zn (G.C3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
1519Core Zn (G.C4)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
1519West Perim Zn (G.W12)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
1519WNW Perim Zn (G.WNW13	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
1519Pl Zn (G.14)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
1519Core Zn (M.C15)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
1519Core Zn (M.C16)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
1519Core Zn (M.C17)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
1519Core Zn (M.C18)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
1519Pl Zn (M.28)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
1519Core Zn (T.C29)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
1519Core Zn (T.C30)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
1519Core Zn (T.C31)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
1519Core Zn (T.C32)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
1519Pl Zn (T.42)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Core Zn (G.C1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Core Zn (G.C2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Core Zn (G.C3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Core Zn (G.C4)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Pl Zn (G.14)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Core Zn (M.C15)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
2026Core Zn (M.C16)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
2026Core Zn (M.C17)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
2026Core Zn (M.C18)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
2026Pl Zn (M.28)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
2026Core Zn (T.C29)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Core Zn (T.C30)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Core Zn (T.C31)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Core Zn (T.C32)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Pl Zn (T.42)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

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REPORT- SV-A System Design Parameters for HP Low-Mid Res WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
HP	1.000	303446.3	169.	0.000	0.000	0.000	0.000	0.278	0.205	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	155487.	0.00	0.000	0.83	0.0	0.00	0.00	BLOW-THRU	CONSTANT	0.00	0.00

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
28NNW Perim Zn (G.NNW5)	1649.	0.	0.442	1.000	0.	50.36	0.70	36.92	-68.37	-69.38	1.
									-25.00	(BASEBOARDS)	
28NNE Perim Zn (G.NNE6)	1654.	0.	0.443	1.000	0.	50.37	0.70	37.02	-68.40	-69.50	1.
									-25.00	(BASEBOARDS)	
28East Perim Zn (G.E7)	1134.	0.	0.304	1.000	0.	34.64	0.70	25.39	-47.03	-55.52	1.
									-25.00	(BASEBOARDS)	
28ESE Perim Zn (G.ESE8)	981.	0.	0.263	1.000	0.	29.91	0.70	21.97	-40.61	-51.41	1.
									-25.00	(BASEBOARDS)	
28South Perim Zn (G.S9)	458.	0.	0.123	1.000	0.	14.03	0.70	10.26	-19.05	-37.34	1.
									-25.00	(BASEBOARDS)	
28SSW Perim Zn (G.SSW10)	668.	0.	0.179	1.000	0.	20.38	0.70	14.96	-27.68	-42.98	1.
									-25.00	(BASEBOARDS)	
28SW Perim Zn (G.SW11)	666.	0.	0.179	1.000	0.	20.38	0.70	14.92	-27.67	-42.94	1.
									-25.00	(BASEBOARDS)	
28WNW Perim Zn (G.WNW12)	1427.	0.	0.382	1.000	0.	43.49	0.70	31.95	-59.05	-63.40	1.
									-25.00	(BASEBOARDS)	
2936NNW Perim Zn (M.NNW18	1649.	0.	0.442	1.000	0.	50.36	0.70	36.92	-68.37	-69.38	8.
									-25.00	(BASEBOARDS)	
2936NNE Perim Zn (M.NNE19	1654.	0.	0.443	1.000	0.	50.57	0.70	37.02	-68.66	-69.50	8.
									-25.00	(BASEBOARDS)	
2936East Perim Zn (M.E20)	1134.	0.	0.304	1.000	0.	34.64	0.70	25.39	-47.03	-55.52	8.
									-25.00	(BASEBOARDS)	
2936ESE Perim Zn (M.ESE21	981.	0.	0.263	1.000	0.	29.91	0.70	21.97	-40.61	-51.41	8.
									-25.00	(BASEBOARDS)	
2936South Perim Zn (M.S22	458.	0.	0.123	1.000	0.	14.09	0.70	10.26	-19.13	-37.34	8.
									-25.00	(BASEBOARDS)	
2936SSW Perim Zn (M.SSW23	668.	0.	0.179	1.000	0.	20.45	0.70	14.96	-27.76	-42.98	8.
									-25.00	(BASEBOARDS)	
2936SW Perim Zn (M.SW24)	666.	0.	0.179	1.000	0.	20.48	0.70	14.92	-27.81	-42.94	8.
									-25.00	(BASEBOARDS)	
2936WNW Perim Zn (M.WNW25	1427.	0.	0.382	1.000	0.	43.53	0.70	31.95	-59.11	-63.40	8.
									-25.00	(BASEBOARDS)	
3744NNW Perim Zn (M.NNW18	1649.	0.	0.442	1.000	0.	50.36	0.70	36.92	-68.37	-69.38	8.
									-25.00	(BASEBOARDS)	
3744NNE Perim Zn (M.NNE19	1654.	0.	0.443	1.000	0.	50.57	0.70	37.02	-68.66	-69.50	8.
									-25.00	(BASEBOARDS)	
3744East Perim Zn (M.E20)	1134.	0.	0.304	1.000	0.	34.64	0.70	25.39	-47.03	-55.52	8.
									-25.00	(BASEBOARDS)	
3744ESE Perim Zn (M.ESE21	981.	0.	0.263	1.000	0.	29.91	0.70	21.97	-40.61	-51.41	8.
									-25.00	(BASEBOARDS)	

3744South Perim Zn (M.S22	458.	0.	0.123	1.000	0.	14.09	0.70	10.26	-19.13	-37.34	8.
									-25.00	(BASEBOARDS)	
3744SSW Perim Zn (M.SSW23	668.	0.	0.179	1.000	0.	20.45	0.70	14.96	-27.76	-42.98	8.
									-25.00	(BASEBOARDS)	
3744SW Perim Zn (M.SW24)	666.	0.	0.179	1.000	0.	20.48	0.70	14.92	-27.81	-42.94	8.
									-25.00	(BASEBOARDS)	
3744WNW Perim Zn (M.WNW25	1427.	0.	0.382	1.000	0.	43.53	0.70	31.95	-59.11	-63.40	8.
									-25.00	(BASEBOARDS)	
45NNW Perim Zn (T.NNW31)	1649.	0.	0.442	1.000	0.	50.36	0.70	36.92	-68.37	-69.38	1.
									-25.00	(BASEBOARDS)	
45NNE Perim Zn (T.NNE32)	1654.	0.	0.443	1.000	0.	50.57	0.70	37.02	-68.66	-69.50	1.
									-25.00	(BASEBOARDS)	
45East Perim Zn (T.E33)	1134.	0.	0.304	1.000	0.	34.64	0.70	25.39	-47.03	-55.52	1.
									-25.00	(BASEBOARDS)	
45ESE Perim Zn (T.ESE34)	981.	0.	0.263	1.000	0.	29.91	0.70	21.97	-40.61	-51.41	1.
									-25.00	(BASEBOARDS)	
45South Perim Zn (T.S35)	458.	0.	0.123	1.000	0.	14.09	0.70	10.26	-19.13	-37.34	1.
									-25.00	(BASEBOARDS)	
45SSW Perim Zn (T.SSW36)	668.	0.	0.179	1.000	0.	20.45	0.70	14.96	-27.76	-42.98	1.
									-25.00	(BASEBOARDS)	
45SW Perim Zn (T.SW37)	666.	0.	0.179	1.000	0.	20.48	0.70	14.92	-27.81	-42.94	1.
									-25.00	(BASEBOARDS)	
45WNW Perim Zn (T.WNW38)	1427.	0.	0.382	1.000	0.	43.49	0.70	31.95	-59.05	-63.40	1.
									-25.00	(BASEBOARDS)	
28Core Zn (G.C1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
28Core Zn (G.C2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
28Core Zn (G.C3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
28Pl Zn (G.13)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2936Core Zn (M.C14)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
2936Core Zn (M.C15)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
2936Core Zn (M.C16)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
2936Pl Zn (M.26)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.

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(CONTINUED)

3744Core Zn (M.C14)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
3744Core Zn (M.C15)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
3744Core Zn (M.C16)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
3744Pl Zn (M.26)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
45Core Zn (T.C27)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
45Core Zn (T.C28)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
45Core Zn (T.C29)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
45Pl Zn (T.39)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for HP Upp-Mid Res WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
HP	1.000	317636.8	174.	0.000	0.000	0.000	0.000	0.278	0.205	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	160895.	0.00	0.000	0.83	0.0	0.00	0.00	BLOW-THRU	CONSTANT	0.00	0.00

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
47NNW Perim Zn (G.NNW1)	1338.	0.	0.359	1.000	0.	40.93	0.70	29.96	-55.58	-61.01	1.
									-25.00	(BASEBOARDS)	
47West Perim Zn (G.W2)	1641.	0.	0.440	1.000	0.	50.03	0.70	36.73	-67.92	-69.15	1.
									-25.00	(BASEBOARDS)	
47SW Perim Zn (G.SW3)	482.	0.	0.129	1.000	0.	14.88	0.70	10.80	-20.20	-37.98	1.
									-25.00	(BASEBOARDS)	
47SSW Perim Zn (G.SSW4)	852.	0.	0.228	1.000	0.	26.05	0.70	19.09	-35.36	-47.94	1.
									-25.00	(BASEBOARDS)	
47SSE Perim Zn (G.SSE5)	585.	0.	0.157	1.000	0.	17.95	0.70	13.09	-24.37	-40.74	1.
									-25.00	(BASEBOARDS)	
47ESE Perim Zn (G.ESE6)	981.	0.	0.263	1.000	0.	29.92	0.70	21.97	-40.63	-51.41	1.
									-25.00	(BASEBOARDS)	
47ENE Perim Zn (G.ENE7)	740.	0.	0.198	1.000	0.	22.66	0.70	16.57	-30.77	-44.92	1.
									-25.00	(BASEBOARDS)	
47NE Perim Zn (G.NE8)	1392.	0.	0.373	1.000	0.	42.43	0.70	31.17	-57.61	-62.47	1.
									-25.00	(BASEBOARDS)	
47Core Zn (G.C12)	654.	0.	0.175	1.000	0.	20.05	0.70	14.65	-27.22	-42.61	1.
									-25.00	(BASEBOARDS)	
4856NNW Perim Zn (M.NNW14	1338.	0.	0.359	1.000	0.	40.93	0.70	29.96	-55.58	-61.01	9.
									-25.00	(BASEBOARDS)	
4856West Perim Zn (M.W15)	1641.	0.	0.440	1.000	0.	50.03	0.70	36.73	-67.92	-69.15	9.
									-25.00	(BASEBOARDS)	
4856SW Perim Zn (M.SW16)	482.	0.	0.129	1.000	0.	14.88	0.70	10.80	-20.20	-37.98	9.
									-25.00	(BASEBOARDS)	
4856SSW Perim Zn (M.SSW17	852.	0.	0.228	1.000	0.	26.05	0.70	19.09	-35.36	-47.94	9.
									-25.00	(BASEBOARDS)	
4856SSE Perim Zn (M.SSE18	585.	0.	0.157	1.000	0.	17.95	0.70	13.09	-24.37	-40.74	9.
									-25.00	(BASEBOARDS)	
4856ESE Perim Zn (M.ESE19	981.	0.	0.263	1.000	0.	29.92	0.70	21.97	-40.63	-51.41	9.
									-25.00	(BASEBOARDS)	
4856ENE Perim Zn (M.ENE20	740.	0.	0.198	1.000	0.	22.66	0.70	16.57	-30.77	-44.92	9.
									-25.00	(BASEBOARDS)	
4856NE Perim Zn (M.NE21)	1392.	0.	0.373	1.000	0.	42.50	0.70	31.18	-57.70	-62.47	9.
									-25.00	(BASEBOARDS)	
5765NNW Perim Zn (M.NNW14	1338.	0.	0.359	1.000	0.	40.93	0.70	29.96	-55.58	-61.01	9.
									-25.00	(BASEBOARDS)	
5765West Perim Zn (M.W15)	1641.	0.	0.440	1.000	0.	50.03	0.70	36.73	-67.92	-69.15	9.
									-25.00	(BASEBOARDS)	
5765SW Perim Zn (M.SW16)	482.	0.	0.129	1.000	0.	14.88	0.70	10.80	-20.20	-37.98	9.
									-25.00	(BASEBOARDS)	

5765SSW Perim Zn (M.SSW17	852.	0.	0.228	1.000	0.	26.05	0.70	19.09	-35.36	-47.94	9.
									-25.00	(BASEBOARDS)	
5765SSE Perim Zn (M.SSE18	585.	0.	0.157	1.000	0.	17.95	0.70	13.09	-24.37	-40.74	9.
									-25.00	(BASEBOARDS)	
5765ESE Perim Zn (M.ESE19	981.	0.	0.263	1.000	0.	29.92	0.70	21.97	-40.63	-51.41	9.
									-25.00	(BASEBOARDS)	
5765ENE Perim Zn (M.ENE20	740.	0.	0.198	1.000	0.	22.66	0.70	16.57	-30.77	-44.92	9.
									-25.00	(BASEBOARDS)	
5765NE Perim Zn (M.NE21)	1392.	0.	0.373	1.000	0.	42.50	0.70	31.18	-57.70	-62.47	9.
									-25.00	(BASEBOARDS)	
66NNW Perim Zn (T.NNW27)	1338.	0.	0.359	1.000	0.	40.93	0.70	29.96	-55.58	-61.01	1.
									-25.00	(BASEBOARDS)	
66West Perim Zn (T.W28)	1641.	0.	0.440	1.000	0.	50.03	0.70	36.73	-67.92	-69.15	1.
									-25.00	(BASEBOARDS)	
66SW Perim Zn (T.SW29)	482.	0.	0.129	1.000	0.	14.88	0.70	10.80	-20.20	-37.98	1.
									-25.00	(BASEBOARDS)	
66SSW Perim Zn (T.SSW30)	852.	0.	0.228	1.000	0.	26.05	0.70	19.09	-35.36	-47.94	1.
									-25.00	(BASEBOARDS)	
66SSE Perim Zn (T.SSE31)	585.	0.	0.157	1.000	0.	17.95	0.70	13.09	-24.37	-40.74	1.
									-25.00	(BASEBOARDS)	
66ESE Perim Zn (T.ESE32)	981.	0.	0.263	1.000	0.	29.92	0.70	21.97	-40.63	-51.41	1.
									-25.00	(BASEBOARDS)	
66ENE Perim Zn (T.ENE33)	740.	0.	0.198	1.000	0.	22.66	0.70	16.57	-30.77	-44.92	1.
									-25.00	(BASEBOARDS)	
66NE Perim Zn (T.NE34)	1392.	0.	0.373	1.000	0.	42.43	0.70	31.17	-57.61	-62.47	1.
									-25.00	(BASEBOARDS)	
47Core Zn (G.C9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
47Core Zn (G.C10)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
47Core Zn (G.C11)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
47Pl Zn (G.13)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
4856Core Zn (M.C22)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
4856Core Zn (M.C23)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
4856Core Zn (M.C24)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.

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REPORT- SV-A System Design Parameters for HP Upp-Mid Res WEATHER FILE- New York CityNY TMY2

(CONTINUED)

4856Pl Zn (M.26)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
5765Core Zn (M.C22)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
5765Core Zn (M.C23)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
5765Core Zn (M.C24)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
5765Pl Zn (M.26)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
66Core Zn (T.C35)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
66Core Zn (T.C36)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
66Core Zn (T.C37)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
66Pl Zn (T.39)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for HP Upper Res WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
HP	1.000	336974.5	152.	0.000	0.000	0.000	0.000	0.278	0.205	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	173360.	0.00	0.000	0.83	0.0	0.00	0.00	BLOW-THRU	CONSTANT	0.00	0.00

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
68NNW Perim Zn (G.NNW1)	1135.	0.	0.304	1.000	0.	34.85	0.70	25.42	-47.31	-55.56	1.
									-25.00 (BASEBOARDS)		
68NE Perim Zn (G.NE2)	1469.	0.	0.394	1.000	0.	44.87	0.70	32.90	-60.93	-64.54	1.
									-25.00 (BASEBOARDS)		
68ESE Perim Zn (G.ESE3)	360.	0.	0.097	1.000	0.	11.18	0.69	8.17	-15.18	-34.69	1.
									-25.00 (BASEBOARDS)		
68West Perim Zn (G.W4)	1554.	0.	0.417	1.000	0.	47.46	0.70	34.80	-64.44	-66.83	1.
									-25.00 (BASEBOARDS)		
68SW Perim Zn (G.SW5)	449.	0.	0.120	1.000	0.	13.90	0.70	10.05	-18.87	-37.08	1.
									-25.00 (BASEBOARDS)		
68South Perim Zn (G.S6)	852.	0.	0.228	1.000	0.	26.17	0.70	19.09	-35.53	-47.94	1.
									-25.00 (BASEBOARDS)		
68ESE Perim Zn (G.ESE9)	298.	0.	0.080	1.000	0.	9.22	0.70	6.67	-12.51	-33.02	1.
									-25.00 (BASEBOARDS)		
68DBWNW Perim Zn (G.WNW1)	3512.	0.	0.941	1.000	0.	108.28	0.70	78.63	-147.02	-119.82	1.
									-25.00 (BASEBOARDS)		
69NNW Perim Zn (G.NNW1)	1135.	0.	0.304	1.000	0.	34.85	0.70	25.42	-47.32	-55.56	1.
									-25.00 (BASEBOARDS)		
69NE Perim Zn (G.NE2)	1469.	0.	0.394	1.000	0.	44.88	0.70	32.90	-60.93	-64.54	1.
									-25.00 (BASEBOARDS)		
69ESE Perim Zn (G.ESE3)	358.	0.	0.096	1.000	0.	11.12	0.69	8.12	-15.09	-34.64	1.
									-25.00 (BASEBOARDS)		
69West Perim Zn (G.W4)	1554.	0.	0.417	1.000	0.	47.47	0.70	34.80	-64.45	-66.83	1.
									-25.00 (BASEBOARDS)		
69SW Perim Zn (G.SW5)	449.	0.	0.120	1.000	0.	13.79	0.70	10.05	-18.73	-37.08	1.
									-25.00 (BASEBOARDS)		
69South Perim Zn (G.S6)	852.	0.	0.228	1.000	0.	26.17	0.70	19.09	-35.53	-47.94	1.
									-25.00 (BASEBOARDS)		
70NNW Perim Zn (G.NNW1)	1170.	0.	0.313	1.000	0.	35.83	0.70	26.19	-48.64	-56.48	1.
									-25.00 (BASEBOARDS)		
70West Perim Zn (G.W2)	1520.	0.	0.407	1.000	0.	46.37	0.70	34.03	-62.96	-65.91	1.
									-25.00 (BASEBOARDS)		
70SW Perim Zn (G.SW3)	449.	0.	0.120	1.000	0.	13.75	0.70	10.05	-18.68	-37.08	1.
									-25.00 (BASEBOARDS)		
70South Perim Zn (G.S4)	1061.	0.	0.284	1.000	0.	32.47	0.70	23.75	-44.08	-53.55	1.
									-25.00 (BASEBOARDS)		
70NE Perim Zn (G.NE5)	589.	0.	0.158	1.000	0.	18.04	0.70	13.19	-24.49	-40.85	1.
									-25.00 (BASEBOARDS)		
70ENE Perim Zn (G.ENE6)	1593.	0.	0.427	1.000	0.	48.54	0.70	35.68	-65.91	-67.88	1.
									-25.00 (BASEBOARDS)		

70SE Perim Zn (G.SE7)	990.	0.	0.265	1.000	0.	30.23	0.70	22.16	-41.05	-51.64	1.
									-25.00 (BASEBOARDS)		
70Core Zn (G.C8)	212.	0.	0.057	1.000	0.	6.59	0.69	4.75	-8.94	-30.71	1.
									-25.00 (BASEBOARDS)		
7179NNW Perim Zn (M.NNW13	1170.	0.	0.313	1.000	0.	35.83	0.70	26.19	-48.64	-56.48	9.
									-25.00 (BASEBOARDS)		
7179West Perim Zn (M.W14)	1520.	0.	0.407	1.000	0.	46.37	0.70	34.03	-62.96	-65.91	9.
									-25.00 (BASEBOARDS)		
7179SW Perim Zn (M.SW15)	449.	0.	0.120	1.000	0.	13.75	0.70	10.05	-18.68	-37.08	9.
									-25.00 (BASEBOARDS)		
7179South Perim Zn (M.S16	1061.	0.	0.284	1.000	0.	32.47	0.70	23.75	-44.08	-53.55	9.
									-25.00 (BASEBOARDS)		
7179NE Perim Zn (M.NE17)	589.	0.	0.158	1.000	0.	18.04	0.70	13.19	-24.49	-40.85	9.
									-25.00 (BASEBOARDS)		
7179ENE Perim Zn (M.ENE18	1593.	0.	0.427	1.000	0.	48.54	0.70	35.68	-65.91	-67.88	9.
									-25.00 (BASEBOARDS)		
7179SE Perim Zn (M.SE19)	990.	0.	0.265	1.000	0.	30.25	0.70	22.16	-41.07	-51.64	9.
									-25.00 (BASEBOARDS)		
8087NNW Perim Zn (M.NNW13	1170.	0.	0.313	1.000	0.	35.83	0.70	26.19	-48.64	-56.48	8.
									-25.00 (BASEBOARDS)		
8087West Perim Zn (M.W14)	1520.	0.	0.407	1.000	0.	46.37	0.70	34.03	-62.96	-65.91	8.
									-25.00 (BASEBOARDS)		
8087SW Perim Zn (M.SW15)	449.	0.	0.120	1.000	0.	13.75	0.70	10.05	-18.68	-37.08	8.
									-25.00 (BASEBOARDS)		
8087South Perim Zn (M.S16	1061.	0.	0.284	1.000	0.	32.47	0.70	23.75	-44.08	-53.55	8.
									-25.00 (BASEBOARDS)		
8087NE Perim Zn (M.NE17)	589.	0.	0.158	1.000	0.	18.04	0.70	13.19	-24.49	-40.85	8.
									-25.00 (BASEBOARDS)		
8087ENE Perim Zn (M.ENE18	1593.	0.	0.427	1.000	0.	48.54	0.70	35.68	-65.91	-67.88	8.
									-25.00 (BASEBOARDS)		
8087SE Perim Zn (M.SE19)	990.	0.	0.265	1.000	0.	30.25	0.70	22.16	-41.07	-51.64	8.
									-25.00 (BASEBOARDS)		
88NNW Perim Zn (T.NNW25)	1170.	0.	0.313	1.000	0.	35.83	0.70	26.19	-48.64	-56.48	1.
									-25.00 (BASEBOARDS)		
88West Perim Zn (T.W26)	1520.	0.	0.407	1.000	0.	46.37	0.70	34.03	-62.96	-65.91	1.
									-25.00 (BASEBOARDS)		
88SW Perim Zn (T.SW27)	449.	0.	0.120	1.000	0.	13.75	0.70	10.05	-18.68	-37.08	1.
									-25.00 (BASEBOARDS)		
88South Perim Zn (T.S28)	1061.	0.	0.284	1.000	0.	32.47	0.70	23.75	-44.08	-53.55	1.
									-25.00 (BASEBOARDS)		
88NE Perim Zn (T.NE29)	589.	0.	0.158	1.000	0.	18.04	0.70	13.19	-24.49	-40.85	1.
									-25.00 (BASEBOARDS)		
88ENE Perim Zn (T.ENE30)	1593.	0.	0.427	1.000	0.	48.54	0.70	35.68	-65.91	-67.88	1.
									-25.00 (BASEBOARDS)		

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REPORT- SV-A System Design Parameters for HP Upper Res WEATHER FILE- New York CityNY TMY2

									(CONTINUED)		
88SE Perim Zn (T.SE31)	990.	0.	0.265	1.000	0.	30.23	0.70	22.16	-41.05	-51.64	1.
									-25.00 (BASEBOARDS)		
89NNW Perim Zn (G.NNW1)	1083.	0.	0.290	1.000	0.	33.25	0.70	24.24	-45.15	-54.14	2.
									-25.00 (BASEBOARDS)		
89NE Perim Zn (G.NE2)	589.	0.	0.158	1.000	0.	18.09	0.70	13.19	-24.56	-40.85	2.
									-25.00 (BASEBOARDS)		
89ESE Perim Zn (G.ESE3)	825.	0.	0.221	1.000	0.	25.25	0.70	18.46	-34.29	-47.19	2.
									-25.00 (BASEBOARDS)		
89West Perim Zn (G.W4)	1607.	0.	0.431	1.000	0.	49.07	0.70	35.98	-66.62	-68.25	2.
									-25.00 (BASEBOARDS)		
89SW Perim Zn (G.SW5)	449.	0.	0.120	1.000	0.	13.79	0.70	10.05	-18.73	-37.08	2.
									-25.00 (BASEBOARDS)		
89South Perim Zn (G.S6)	1153.	0.	0.309	1.000	0.	35.38	0.70	25.81	-48.03	-56.03	2.
									-25.00 (BASEBOARDS)		
89DBWNW Perim Zn (G.WNW1)	3110.	0.	0.833	1.000	0.	95.87	0.70	69.63	-130.17	-108.97	2.
									-25.00 (BASEBOARDS)		
68Core Zn (G.C7)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
68Core Zn (G.C8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
68Pl Zn (G.11)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
68DBPl Zn (G.2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
69Core Zn (G.C7)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
69Core Zn (G.C8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
69ESE Perim Zn (G.ESE9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
69Pl Zn (G.11)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
70Core Zn (G.C9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
70Core Zn (G.C10)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
70Pl Zn (G.12)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
7179Core Zn (M.C20)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
7179Core Zn (M.C21)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
7179Core Zn (M.C22)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
7179Pl Zn (M.24)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
8087Core Zn (M.C20)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
8087Core Zn (M.C21)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
8087Core Zn (M.C22)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
8087Pl Zn (M.24)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
88Core Zn (T.C32)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
88Core Zn (T.C33)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
88Core Zn (T.C34)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
88Pl Zn (T.36)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
89Core Zn (G.C7)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
89Core Zn (G.C8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
89ESE Perim Zn (G.ESE9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
89Pl Zn (G.11)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
89DBPl Zn (G.2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.

REPORT- SV-A System Design Parameters for AC-SC3-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	311.1	1.	0.700	27.262	0.585	-34.072	0.257	0.257	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	550.	1.00	0.172	0.96	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC3ESE Perim Zn (B.ESE7)	550.	0.	0.000	0.700	385.	0.00	0.00	12.47	-20.79	-10.40	1.

REPORT- SV-A System Design Parameters for AC-SC3-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	483.5	2.	0.000	47.495	0.771	-59.368	0.277	0.277	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1600.	1.00	0.566	1.09	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC3Core Zn (B.C6)	1600.	0.	0.000	0.001	0.	0.00	0.00	36.29	-43.20	-21.60	1.

REPORT- SV-A System Design Parameters for AC-SC3-3 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	396.9	2.	0.700	27.278	0.585	-34.092	0.257	0.257	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	550.	1.00	0.172	0.96	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC3Core Zn (B.C3)	240.	0.	0.000	0.700	168.	0.00	0.00	5.44	-9.07	-4.53	1.
SC3Core Zn (B.C5)	310.	0.	0.000	0.700	217.	0.00	0.00	7.03	-11.72	-5.86	1.

REPORT- SV-A System Design Parameters for AC-SC3-4 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	15940.2	64.	0.600	285.699	0.591	-357.079	0.294	0.294	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	6000.	1.00	2.244	1.16	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC3SSW Perim Zn (B.SSW2)	5868.	0.	0.000	0.600	3521.	0.00	0.00	133.09	-190.14	-95.07	1.
SC3Core Zn (B.C4)	132.	0.	0.000	0.600	79.	0.00	0.00	2.99	-4.26	-2.13	1.
SC3North Perim Zn (B.N1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

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REPORT- SV-A System Design Parameters for AC-SC2-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	946.4	19.	0.540	38.036	0.592	-47.536	0.260	0.260	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	800.	1.00	0.335	1.29	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC2Core Zn (B.C3)	800.	0.	0.000	0.540	432.	0.00	0.00	18.14	-23.33	-11.66	1.

REPORT- SV-A System Design Parameters for AC-SC2-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	4738.5	95.	0.880	217.243	0.578	-271.594	0.273	0.273	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	4000.	1.00	1.208	0.93	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC2SSW Perim Zn (B.SSW7)	1716.	0.	0.000	0.880	1510.	0.00	0.00	38.93	-81.56	-40.78	1.
SC2ESE Perim Zn (B.ESE8)	2284.	0.	0.000	0.880	2010.	0.00	0.00	51.79	-108.52	-54.26	1.

REPORT- SV-A System Design Parameters for AC-C-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	2705.3	54.	0.250	124.478	0.628	-155.597	0.287	0.287	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	3000.	1.00	1.902	1.96	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
CESE Perim Zn (B.ESE8)	3000.	0.	0.000	0.250	750.	0.00	0.00	68.04	-81.00	-40.50	1.

REPORT- SV-A System Design Parameters for AC-C-2 & AC-C-3 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	1410.0	28.	0.800	57.767	0.579	-72.208	0.247	0.247	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1100.	1.00	0.343	0.96	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
CCore Zn (B.C10)	1100.	0.	0.000	0.800	880.	0.00	0.00	24.95	-47.52	-23.76	1.
CWNW Perim Zn (B.WNW6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-1-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	5336.8	107.	1.000	442.218	0.572	-552.773	0.232	0.232	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	7000.	1.00	8.389	3.70	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
GESE Perim Zn (G.ESE11)	2354.	0.	0.000	1.000	2354.	0.00	0.00	53.39	-127.13	-63.56	1.
1MCore Zn (G.C8)	4646.	0.	0.000	1.000	4646.	0.00	0.00	105.37	-250.87	-125.44	1.

REPORT- SV-A System Design Parameters for AC-6-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	70592.2	35.	0.000	422.788	0.757	-528.485	0.277	0.277	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	13800.	1.00	6.679	1.50	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCCore Zn (G.C10)	5090.	0.	0.000	0.001	0.	0.00	0.00	115.45	-137.44	-68.72	1.
6MCCore Zn (G.C8)	8710.	0.	0.000	0.001	0.	0.00	0.00	197.53	-235.16	-117.58	1.
6MCPl Zn (G.11)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
Thermal Zone 555	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

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REPORT- SV-A System Design Parameters for AC-6-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	2836.6	11.	0.500	78.742	0.597	-98.427	0.277	0.277	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1700.	1.00	0.823	1.50	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCWSW Perim Zn (G.WSW1)	1700.	0.	0.000	0.500	850.	0.00	0.00	38.56	-45.90	-22.95	1.

REPORT- SV-A System Design Parameters for AC-7-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	2055.5	8.	0.590	79.776	0.588	-99.721	0.277	0.277	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1650.	1.00	0.799	1.50	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCNorth Perim Zn (G.N2)	1650.	0.	0.000	0.590	974.	0.00	0.00	37.42	-52.57	-26.28	1.

REPORT- SV-A System Design Parameters for AC-7-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	801.8	3.	0.600	75.849	0.592	-94.811	0.262	0.262	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1600.	1.00	0.566	1.09	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCNW Perim Zn (G.NW3)	1600.	0.	0.000	0.600	960.	0.00	0.00	36.29	-51.84	-25.92	1.

REPORT- SV-A System Design Parameters for AC-7-3 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	1936.7	8.	0.000	62.182	0.746	-77.728	0.275	0.275	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	2000.	1.00	0.730	1.13	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCSSW Perim Zn (G.SSW6)	2000.	0.	0.000	0.001	0.	0.00	0.00	45.36	-54.00	-27.00	1.

REPORT- SV-A System Design Parameters for AC-7-4 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	17861.5	103.	1.000	939.301	0.572	-1184.336	0.232	0.230	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	15000.	1.00	16.779	3.46	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCCore Zn (G.C7)	8571.	0.	0.000	1.000	8571.	0.00	0.00	194.38	-462.81	-231.41	1.
8AWSW Perim Zn (G.WSW2)	3427.	0.	0.000	1.000	3427.	0.00	0.00	77.72	-185.04	-92.52	1.
8ACore Zn (G.C4)	493.	0.	0.000	1.000	493.	0.00	0.00	11.17	-26.60	-13.30	1.
8ANNE Perim Zn (G.NNE5)	323.	0.	0.000	1.000	323.	0.00	0.00	7.33	-17.46	-8.73	1.
8ANNE Perim Zn (G.NNE7)	216.	0.	0.000	1.000	216.	0.00	0.00	4.90	-11.67	-5.83	1.
8ASW Perim Zn (G.SW9)	523.	0.	0.000	1.000	523.	0.00	0.00	11.86	-28.24	-14.12	1.
8AESE Perim Zn (G.ESE12)	1448.	0.	0.000	1.000	1448.	0.00	0.00	32.83	-78.18	-39.09	1.
6MC New Zn	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
8ANW Perim Zn (G.NW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
8ANNE Perim Zn (G.NNE3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
8ACore Zn (G.C6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
8ACore Zn (G.C8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
8AWSW Perim Zn (G.WSW10)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
8ASSW Perim Zn (G.SSW11)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-7-5 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	36307.3	145.	1.000	829.562	0.571	-1036.952	0.232	0.232	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	13000.	1.00	16.778	3.99	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCNNE Perim Zn (G.NNE4)	4175.	0.	0.000	1.000	4175.	0.00	0.00	94.69	-225.46	-112.73	1.
10ASSW Perim Zn (G.SSW2)	339.	0.	0.000	1.000	339.	0.00	0.00	7.69	-18.30	-9.15	1.
10AESE Perim Zn (G.ESE4)	1116.	0.	0.000	1.000	1116.	0.00	0.00	25.31	-60.26	-30.13	1.
10ASSW Perim Zn (G.SSW7)	5406.	0.	0.000	1.000	5406.	0.00	0.00	122.61	-291.92	-145.96	1.
10AENE Perim Zn (G.ENE9)	1964.	0.	0.000	1.000	1964.	0.00	0.00	44.55	-106.06	-53.03	1.
6MCESE Perim Zn (G.ESE5)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10AWNW Perim Zn (G.WNW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10ACore Zn (G.C3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10ACore Zn (G.C5)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10AESE Perim Zn (G.ESE6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10APl Zn (G.10)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MWNW Perim Zn (G.WNW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MSSW Perim Zn (G.SSW2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MCore Zn (G.C3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MESE Perim Zn (G.ESE4)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MCore Zn (G.C5)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MESE Perim Zn (G.ESE6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MSSW Perim Zn (G.SSW7)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MNorth Perim Zn (G.N8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MENE Perim Zn (G.ENE9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
6MCCore Zn (G.C9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-9-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	17378.2	70.	0.000	60.483	0.761	-75.604	0.262	0.262	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	2000.	1.00	0.730	1.13	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
8MCNNE Perim Zn (G.NNE1)	2000.	0.	0.000	0.001	0.	0.00	0.00	45.36	-54.00	-27.00	1.
8MCSSW Perim Zn (G.SSW2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCNNE Perim Zn (G.NNE1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCWNW Perim Zn (G.WNW2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCSW Perim Zn (G.SW3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCSSW Perim Zn (G.SSW4)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCWSW Perim Zn (G.WSW5)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCSE Perim Zn (G.SE6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCCore Zn (G.C7)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCCore Zn (G.C8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCCore Zn (G.C9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11MCCore Zn (G.C10)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
11DBWNW Perim Zn (G.WNW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-9-1 (pool) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	3626.4	36.	0.180	383.885	0.657	-479.856	0.232	0.232	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	10000.	1.00	8.000	2.47	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
10ANorth Perim Zn (G.N8)	10000.	0.	0.000	0.180	1800.	0.00	0.00	226.80	-270.00	-135.00	1.

REPORT- SV-A System Design Parameters for AC-27-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	11098.6	46.	0.000	94.008	0.742	-117.510	0.267	0.267	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	3000.	1.00	1.125	1.16	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
27MCCore Zn (G.C1)	106.	0.	0.000	0.001	0.	0.00	0.00	2.40	-2.86	-1.43	1.
27MCCore Zn (G.C2)	108.	0.	0.000	0.001	0.	0.00	0.00	2.45	-2.92	-1.46	1.
27MCCore Zn (G.C3)	137.	0.	0.000	0.001	0.	0.00	0.00	3.11	-3.70	-1.85	1.
27MCCore Zn (G.C4)	102.	0.	0.000	0.001	0.	0.00	0.00	2.32	-2.76	-1.38	1.
27MCCore Zn (G.C5)	384.	0.	0.000	0.001	0.	0.00	0.00	8.71	-10.37	-5.18	1.
27MCEast Perim Zn (G.E6)	580.	0.	0.000	0.001	0.	0.00	0.00	13.15	-15.66	-7.83	1.
27MCESE Perim Zn (G.ESE10	502.	0.	0.000	0.001	0.	0.00	0.00	11.38	-13.55	-6.77	1.
27MCSW Perim Zn (G.SW11)	354.	0.	0.000	0.001	0.	0.00	0.00	8.02	-9.55	-4.78	1.
27MCSSW Perim Zn (G.SSW12	408.	0.	0.000	0.001	0.	0.00	0.00	9.26	-11.02	-5.51	1.
27MCSouth Perim Zn (G.S13	319.	0.	0.000	0.001	0.	0.00	0.00	7.23	-8.61	-4.30	1.
27MCWNW Perim Zn (G.WNW7)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
27MCNNE Perim Zn (G.NNE8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
27MCWNW Perim Zn (G.WNW9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-46-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	17511.2	35.	0.000	91.947	0.754	-114.934	0.267	0.267	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	3000.	1.00	1.125	1.16	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
46MCCore Zn (T.C27)	192.	0.	0.000	0.001	0.	0.00	0.00	4.34	-5.17	-2.59	1.
46MCCore Zn (T.C28)	243.	0.	0.000	0.001	0.	0.00	0.00	5.52	-6.57	-3.29	1.
46MCCore Zn (T.C29)	182.	0.	0.000	0.001	0.	0.00	0.00	4.12	-4.90	-2.45	1.
46MCCore Zn (T.C30)	681.	0.	0.000	0.001	0.	0.00	0.00	15.45	-18.39	-9.20	1.
46MCSSW Perim Zn (T.SSW36	808.	0.	0.000	0.001	0.	0.00	0.00	18.33	-21.82	-10.91	1.
46MCSW Perim Zn (T.SW37)	894.	0.	0.000	0.001	0.	0.00	0.00	20.28	-24.14	-12.07	1.
46MCNNW Perim Zn (T.NNW31	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
46MCNNE Perim Zn (T.NNE32	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
46MCEast Perim Zn (T.E33)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
46MCESE Perim Zn (T.ESE34	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
46MCSouth Perim Zn (T.S35	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
46MCWNW Perim Zn (T.WNW38	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
46MCPl Zn (T.39)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-67-1 & AC-67-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	8211.1	33.	0.500	314.745	0.603	-393.432	0.267	0.267	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	7000.	1.00	2.625	1.16	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
67MCSW Perim Zn (G.SW3)	893.	0.	0.000	0.500	446.	0.00	0.00	20.24	-24.10	-12.05	1.
67MCSSW Perim Zn (G.SSW4)	760.	0.	0.000	0.500	380.	0.00	0.00	17.23	-20.51	-10.26	1.
67MCSSE Perim Zn (G.SSE5)	937.	0.	0.000	0.500	469.	0.00	0.00	21.26	-25.31	-12.65	1.
67MCESE Perim Zn (G.ESE6)	865.	0.	0.000	0.500	432.	0.00	0.00	19.61	-23.35	-11.67	1.
67MCENE Perim Zn (G.ENE7)	1058.	0.	0.000	0.500	529.	0.00	0.00	24.00	-28.58	-14.29	1.
67MCNE Perim Zn (G.NE8)	1227.	0.	0.000	0.500	613.	0.00	0.00	27.82	-33.12	-16.56	1.
67MCCore Zn (G.C9)	186.	0.	0.000	0.500	93.	0.00	0.00	4.22	-5.02	-2.51	1.
67MCCore Zn (G.C10)	236.	0.	0.000	0.500	118.	0.00	0.00	5.35	-6.37	-3.18	1.
67MCCore Zn (G.C11)	576.	0.	0.000	0.500	288.	0.00	0.00	13.07	-15.56	-7.78	1.
67MCCore Zn (G.C12)	262.	0.	0.000	0.500	131.	0.00	0.00	5.95	-7.09	-3.54	1.
67MCNNW Perim Zn (G.NNW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
67MCWest Perim Zn (G.W2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-95-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	4916.5	21.	0.000	163.952	0.765	-204.940	0.264	0.264	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	5500.	1.00	1.265	0.71	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
91West Perim Zn (G.W4)	1563.	0.	0.000	0.001	0.	0.00	0.00	35.46	-42.21	-21.10	1.
91SW Perim Zn (G.SW5)	437.	0.	0.000	0.001	0.	0.00	0.00	9.90	-11.79	-5.90	1.
91South Perim Zn (G.S6)	1121.	0.	0.000	0.001	0.	0.00	0.00	25.44	-30.28	-15.14	1.
91Core Zn (G.C7)	261.	0.	0.000	0.001	0.	0.00	0.00	5.92	-7.05	-3.52	1.
91Core Zn (G.C8)	207.	0.	0.000	0.001	0.	0.00	0.00	4.68	-5.58	-2.79	1.
91Core Zn (G.C9)	290.	0.	0.000	0.001	0.	0.00	0.00	6.57	-7.82	-3.91	1.
91ESE Perim Zn (G.ESE11)	1621.	0.	0.000	0.001	0.	0.00	0.00	36.77	-43.77	-21.89	1.

REPORT- SV-A System Design Parameters for AC-95-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	4498.6	13.	0.000	319.285	0.780	-454.647	0.264	0.232	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	11000.	1.00	2.442	0.69	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
92West Perim Zn (G.W4)	3994.	0.	0.000	0.001	0.	0.00	0.00	90.57	-107.82	-53.91	1.
92South Perim Zn (G.S6)	2865.	0.	0.000	0.001	0.	0.00	0.00	64.98	-77.35	-38.68	1.
92ESE Perim Zn (G.ESE11)	4142.	0.	0.000	0.001	0.	0.00	0.00	93.93	-111.82	-55.91	1.
92SW Perim Zn (G.SW5)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
92Core Zn (G.C9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for AC-96-1 & AC-96-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	14195.9	16.	0.000	695.375	0.782	-869.219	0.235	0.235	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	24000.	1.00	5.856	0.75	0.0	0.00	0.00	DRAW-THRU	SPEED	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
92Core Zn (G.C7)	739.	0.	0.000	0.001	0.	0.00	0.00	16.75	-19.95	-9.97	1.
92Core Zn (G.C8)	735.	0.	0.000	0.001	0.	0.00	0.00	16.67	-19.84	-9.92	1.
93MERZn	11263.	0.	0.000	0.001	0.	0.00	0.00	255.45	-304.11	-152.05	2.

REPORT- SV-A System Design Parameters for RCS-11-1 (corridor) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	5878.0	6.	1.000	199.606	0.528	-159.685	0.250	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	3000.	1.00	2.796	2.88	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
1519Core Zn (M.C19)	333.	0.	0.000	1.000	333.	0.00	0.00	7.56	0.00	-1.80	5.
1519Core Zn (G.C5)	333.	0.	0.000	1.000	333.	0.00	0.00	7.56	0.00	5.40	3.
1519Core Zn (T.C33)	333.	0.	0.000	1.000	333.	0.00	0.00	7.56	0.00	5.40	1.

REPORT- SV-A System Design Parameters for RCS-26-1 (corridor) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	4571.8	5.	1.000	202.585	0.520	-162.068	0.250	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	3000.	1.00	2.796	2.88	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
2026Core Zn (G.C5)	429.	0.	0.000	1.000	429.	0.00	0.00	9.72	0.00	-2.31	1.
2026Core Zn (M.C19)	429.	0.	0.000	1.000	429.	0.00	0.00	9.72	0.00	6.94	5.
2026Core Zn (T.C33)	429.	0.	0.000	1.000	429.	0.00	0.00	9.72	0.00	6.94	1.

REPORT- SV-A System Design Parameters for RCS-26-2 (corridor) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	11756.0	12.	1.000	202.585	0.520	-162.068	0.250	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	3000.	1.00	2.796	2.88	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
28Core Zn (G.C4)	167.	0.	0.000	1.000	167.	0.00	0.00	3.78	0.00	-0.90	1.
2936Core Zn (M.C17)	167.	0.	0.000	1.000	167.	0.00	0.00	3.78	0.00	2.70	8.
3744Core Zn (M.C17)	167.	0.	0.000	1.000	167.	0.00	0.00	3.78	0.00	2.70	8.
45Core Zn (T.C30)	167.	0.	0.000	1.000	167.	0.00	0.00	3.78	0.00	2.70	1.

REPORT- SV-A System Design Parameters for RCS-45-1 (corridor) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	10808.6	11.	1.000	253.231	0.520	-202.585	0.250	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	3750.	1.00	3.495	2.88	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
4856Core Zn (M.C25)	197.	0.	0.000	1.000	197.	0.00	0.00	4.48	0.00	-1.07	9.
5765Core Zn (M.C25)	197.	0.	0.000	1.000	197.	0.00	0.00	4.48	0.00	3.20	9.
66Core Zn (T.C38)	197.	0.	0.000	1.000	197.	0.00	0.00	4.48	0.00	3.20	1.

REPORT- SV-A System Design Parameters for RCS-92-1 (corridor) WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	15364.7	45.	1.000	270.113	0.520	-216.091	0.250	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	4000.	1.00	3.728	2.88	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
8087Core Zn (M.C23)	148.	0.	0.000	1.000	148.	0.00	0.00	3.36	0.00	-0.80	8.
68Core Zn (G.C10)	148.	0.	0.000	1.000	148.	0.00	0.00	3.36	0.00	2.40	1.
69Core Zn (G.C10)	148.	0.	0.000	1.000	148.	0.00	0.00	3.36	0.00	2.40	1.
70Core Zn (G.C11)	148.	0.	0.000	1.000	148.	0.00	0.00	3.36	0.00	2.40	1.
7179Core Zn (M.C23)	148.	0.	0.000	1.000	148.	0.00	0.00	3.36	0.00	2.40	9.
88Core Zn (T.C35)	148.	0.	0.000	1.000	148.	0.00	0.00	3.36	0.00	2.40	1.
89Core Zn (G.C10)	148.	0.	0.000	1.000	148.	0.00	0.00	3.36	0.00	2.40	2.
90Core Zn (G.C10)	148.	0.	0.000	1.000	148.	0.00	0.00	3.36	0.00	2.40	2.
91Core Zn (G.C10)	148.	0.	0.000	1.000	148.	0.00	0.00	3.36	0.00	2.40	1.
92Core Zn (G.C10)	148.	0.	0.000	1.000	148.	0.00	0.00	3.36	0.00	2.40	1.

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REPORT- SV-A System Design Parameters for ERU-11-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	10000.0	0.	1.000	1026.362	0.518	-584.616	0.178	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	14500.	1.00	19.691	4.20	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30
RETURN	14500.	1.00	1.160	0.25	0.0	0.00	0.00	RETURN	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
ERU-11-1 Zn	14500.	0.	0.000	1.000	14500.	0.00	0.00	328.86	0.00	-234.90	1.

REPORT- SV-A System Design Parameters for ERU-27-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	10000.0	0.	1.000	724.543	0.518	-412.700	0.178	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	10000.	1.00	15.810	4.89	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30
RETURN	10000.	1.00	0.800	0.25	0.0	0.00	0.00	RETURN	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
ERU-27-1 Zn	10000.	0.	0.000	1.000	10000.	0.00	0.00	226.80	0.00	-162.00	1.

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REPORT- SV-A System Design Parameters for ERU-27-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	10000.0	0.	1.000	724.543	0.518	-412.700	0.178	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	10000.	1.00	15.810	4.89	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30
RETURN	10000.	1.00	0.800	0.25	0.0	0.00	0.00	RETURN	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
ERU-27-2 Zn	10000.	0.	0.000	1.000	10000.	0.00	0.00	226.80	0.00	-162.00	1.

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REPORT- SV-A System Design Parameters for ERU-46-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	10000.0	0.	1.000	724.543	0.518	-412.700	0.178	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	10000.	1.00	15.810	4.89	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30
RETURN	10000.	1.00	0.900	0.28	0.0	0.00	0.00	RETURN	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
ERU-46-1 Zn	10000.	0.	0.000	1.000	10000.	0.00	0.00	226.80	0.00	-162.00	1.

REPORT- SV-A System Design Parameters for ERU-46-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	10000.0	0.	1.000	861.297	0.518	-490.595	0.178	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	12000.	1.00	17.880	4.60	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30
RETURN	12000.	1.00	1.080	0.28	0.0	0.00	0.00	RETURN	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
ERU-46-2 Zn	12000.	0.	0.000	1.000	12000.	0.00	0.00	272.16	0.00	-194.40	1.

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REPORT- SV-A System Design Parameters for ERU-67-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	10000.0	0.	1.000	861.297	0.518	-490.595	0.178	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	12000.	1.00	17.880	4.60	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30
RETURN	12000.	1.00	1.080	0.28	0.0	0.00	0.00	RETURN	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
ERU-67-1 Zn	12000.	0.	0.000	1.000	12000.	0.00	0.00	272.16	0.00	-194.40	1.

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REPORT- SV-A System Design Parameters for ERU-67-2 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	10000.0	0.	1.000	861.297	0.518	-490.595	0.178	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	12000.	1.00	17.880	4.60	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30
RETURN	12000.	1.00	1.080	0.28	0.0	0.00	0.00	RETURN	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
ERU-67-2 Zn	12000.	0.	0.000	1.000	12000.	0.00	0.00	272.16	0.00	-194.40	1.

REPORT- SV-A System Design Parameters for ERU-91-1 WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PSZ	1.000	10000.0	0.	1.000	861.297	0.518	-490.595	0.178	0.313	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	12000.	1.00	17.880	4.60	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30
RETURN	12000.	1.00	1.080	0.28	0.0	0.00	0.00	RETURN	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
ERU-91-1 Zn	12000.	0.	0.000	1.000	12000.	0.00	0.00	272.16	0.00	-194.40	1.

REPORT- SV-A System Design Parameters for Penthouse Fan Coil WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
FC	1.000	43345.2	16.	0.000	0.000	0.000	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	16404.	0.00	0.000	0.22	0.0	0.00	0.00	BLOW-THRU	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
90NNW Perim Zn (G.NNW1)	1083.	0.	0.076	1.000	0.	36.01	0.71	24.28	-50.74	-40.84	2.
90NE Perim Zn (G.NE2)	589.	0.	0.041	1.000	0.	19.57	0.71	13.21	-27.60	-22.22	2.
90ESE Perim Zn (G.ESE3)	825.	0.	0.058	1.000	0.	27.40	0.71	18.49	-38.64	-31.10	2.
90West Perim Zn (G.W4)	1607.	0.	0.112	1.000	0.	53.27	0.71	36.03	-75.30	-60.62	2.
90SW Perim Zn (G.SW5)	449.	0.	0.031	1.000	0.	14.92	0.71	10.07	-21.04	-16.93	2.
90South Perim Zn (G.S6)	1153.	0.	0.081	1.000	0.	38.31	0.71	25.85	-54.02	-43.49	2.
91NNW Perim Zn (G.NNW1)	1083.	0.	0.076	1.000	0.	35.92	0.71	24.28	-50.74	-40.84	1.
91NE Perim Zn (G.NE2)	589.	0.	0.041	1.000	0.	19.57	0.71	13.21	-27.60	-22.22	1.
91Core Zn (G.C3)	825.	0.	0.058	1.000	0.	27.23	0.71	18.49	-38.64	-31.10	1.
92NNW Perim Zn (G.NNW1)	1083.	0.	0.076	1.000	0.	35.92	0.71	24.28	-50.74	-40.84	1.
92NE Perim Zn (G.NE2)	589.	0.	0.041	1.000	0.	19.57	0.71	13.21	-27.60	-22.22	1.
92Core Zn (G.C3)	825.	0.	0.058	1.000	0.	27.23	0.71	18.49	-38.64	-31.10	1.
90Core Zn (G.C7)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
90Core Zn (G.C8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
90ESE Perim Zn (G.ESE9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
90Pl Zn (G.11)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
91Pl Zn (G.12)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
92Pl Zn (G.12)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.