

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	LIGHTS (WATT / SQFT)	PEOPLE	EQUIP (WATT / SQFT)	INFILTRATION METHOD	ACH	AREA (SQFT)	VOLUME (CUFT)	
Spaces on floor: SC3										
SC3North Perim Spc (B.N1)	1.0	INT	90.0	0.34	31.5	0.25	NO-INFILT.	0.00	7871.5	78714.5
SC3SSW Perim Spc (B.SSW2)	1.0	INT	0.0	0.34	31.6	0.25	NO-INFILT.	0.00	7891.8	78917.5
SC3Core Spc (B.C3)	1.0	INT	0.0	0.34	0.7	0.25	NO-INFILT.	0.00	173.1	1731.3
SC3Core Spc (B.C4)	1.0	INT	0.0	0.34	0.7	0.25	NO-INFILT.	0.00	177.0	1770.0
SC3Core Spc (B.C5)	1.0	INT	0.0	0.34	0.9	0.25	NO-INFILT.	0.00	223.8	2237.5
SC3Core Spc (B.C6)	1.0	INT	0.0	0.34	1.9	0.25	NO-INFILT.	0.00	483.5	4835.0
SC3ESE Perim Spc (B.ESE7)	1.0	INT	-90.0	0.34	1.2	0.25	NO-INFILT.	0.00	311.1	3111.3
Spaces on floor: SC2										
SC2WNW Perim Spc (B.WNW1)	1.0	INT	90.0	1.50	38.9	1.00	NO-INFILT.	0.00	1944.0	27216.0
SC2NNE Perim Spc (B.NNE2)	1.0	INT	45.0	1.50	51.8	1.00	NO-INFILT.	0.00	2589.4	36251.9
SC2Core Spc (B.C3)	1.0	INT	0.0	1.50	18.9	1.00	NO-INFILT.	0.00	946.4	13249.6
SC2Core Spc (B.C4)	1.0	INT	0.0	1.50	147.8	1.00	NO-INFILT.	0.00	7390.9	103472.1
SC2SW Perim Spc (B.SW5)	1.0	INT	0.0	1.50	19.7	1.00	NO-INFILT.	0.00	984.0	13776.0
SC2WNW Perim Spc (B.WNW6)	1.0	INT	90.0	1.50	6.7	1.00	NO-INFILT.	0.00	333.8	4672.5
SC2SSW Perim Spc (B.SSW7)	1.0	INT	0.0	0.34	40.7	0.25	NO-INFILT.	0.00	2033.3	28465.5
SC2ESE Perim Spc (B.ESE8)	1.0	INT	-90.0	0.34	54.1	0.25	NO-INFILT.	0.00	2705.3	37873.5
SC2Core Spc (B.C9)	1.0	INT	0.0	1.50	173.1	5.78	NO-INFILT.	0.00	8653.2	121145.0
SC2Core Spc (B.C10)	1.0	INT	0.0	1.50	21.5	1.00	NO-INFILT.	0.00	1076.2	15067.0
SC2Core Spc (B.C11)	1.0	INT	0.0	0.34	114.7	0.25	NO-INFILT.	0.00	5737.3	80322.0
Spaces on floor: SC1										
SC1WNW Perim Spc (B.WNW1)	1.0	INT	90.0	1.50	38.9	1.00	NO-INFILT.	0.00	1944.0	34020.0
SC1NNE Perim Spc (B.NNE2)	1.0	INT	45.0	1.50	51.8	1.00	NO-INFILT.	0.00	2589.4	45314.9
SC1Core Spc (B.C3)	1.0	INT	0.0	1.50	18.9	1.00	NO-INFILT.	0.00	946.4	16562.0
SC1Core Spc (B.C4)	1.0	INT	0.0	1.50	147.8	1.00	NO-INFILT.	0.00	7390.9	129340.1
SC1SW Perim Spc (B.SW5)	1.0	INT	0.0	1.50	19.7	1.00	NO-INFILT.	0.00	984.0	17220.0
SC1WNW Perim Spc (B.WNW6)	1.0	INT	90.0	1.50	6.7	1.00	NO-INFILT.	0.00	333.8	5840.6
SC1SSW Perim Spc (B.SSW7)	1.0	INT	0.0	1.50	40.7	1.00	NO-INFILT.	0.00	2033.3	35581.9
SC1ESE Perim Spc (B.ESE8)	1.0	INT	-90.0	0.34	54.1	0.25	NO-INFILT.	0.00	2705.3	47341.9
SC1Core Spc (B.C9)	1.0	INT	0.0	1.50	173.1	1.00	NO-INFILT.	0.00	8653.2	151431.2
SC1Core Spc (B.C10)	1.0	INT	0.0	1.50	21.5	1.00	NO-INFILT.	0.00	1076.2	18833.8
SC1Core Spc (B.C11)	1.0	INT	0.0	1.50	114.7	1.00	NO-INFILT.	0.00	5737.3	100402.5
Spaces on floor: C										
CWNW Perim Spc (B.WNW1)	1.0	INT	90.0	1.50	38.9	1.00	NO-INFILT.	0.00	1944.0	34020.0
CNNE Perim Spc (B.NNE2)	1.0	INT	45.0	1.50	51.8	1.00	NO-INFILT.	0.00	2589.4	45314.9
CCore Spc (B.C3)	1.0	INT	0.0	1.50	18.9	1.00	NO-INFILT.	0.00	946.4	16562.0
CCore Spc (B.C4)	1.0	INT	0.0	1.50	147.8	1.00	NO-INFILT.	0.00	7390.9	129340.1
CSW Perim Spc (B.SW5)	1.0	INT	0.0	1.50	19.7	1.00	NO-INFILT.	0.00	984.0	17220.0

REPORT- LV-B Summary of Spaces

WEATHER FILE- New York CityNY TMY2

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89DBPlnm (G.2)	4.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.25	1449.3	2898.5
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Spaces on floor: 91-92

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
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	0.79	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: 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	0.34	5.6	0.25	AIR-CHANGE	0.08	1397.4	19564.2
91SW Perim Spc (G.SW5)	1.0	EXT	90.0	0.34	1.6	0.25	AIR-CHANGE	0.24	390.4	5465.3
91South Perim Spc (G.S6)	1.0	EXT	-90.0	0.34	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	25.72	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	0.79	3.2	0.25	AIR-CHANGE	0.00	569.1	7967.1
91ESE Perim Spc (G.ESE11)	1.0	EXT	90.0	0.34	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: 94MEP

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	0.34	0.0	0.25	AIR-CHANGE	0.08	1397.4	19564.2
92SW Perim Spc (G.SW5)	1.0	EXT	90.0	0.34	1.6	0.25	AIR-CHANGE	0.24	390.4	5465.3
92South Perim Spc (G.S6)	1.0	EXT	-90.0	0.34	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	0.34	3.2	0.25	AIR-CHANGE	0.00	569.1	7967.1
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: 95-98MEP

93MERSpace	4.0	EXT	0.0	0.34	6.1	0.25	NO-INFILT.	0.00	6084.0	60840.0
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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 - - -		- - - - W A L L - - - -		- W A L L + W I N D O W S -		AZIMUTH
	U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	
68DBNNW Wall (G.WNW1.E5)	0.000	0.00	0.124	390.40	0.124	390.40	NORTH
in space: 68DBNNW Perim Spc (G.WNW1)							
68DBNNW Wall (G.2.E11)	0.000	0.00	0.124	24.40	0.124	24.40	NORTH
in space: 68DBPlnm (G.2)							
Exterior Wall 885	0.000	0.00	0.078	3120.00	0.078	3120.00	NORTH
in space: 93MERSpace							
GNNE Wall (G.NNE3.E5)	0.000	0.00	0.360	1290.08	0.360	1290.08	NORTH
in space: GNNE Perim Spc (G.NNE3)							
6MCNNE Wall (G.N2.E5)	0.000	0.00	0.360	3976.87	0.360	3976.87	NORTH
in space: 6MCNorth Perim Spc (G.N2)							
GNNE Wall (G.18.E29)	0.000	0.00	0.115	42.10	0.115	42.10	NORTH
in space: GPlnm (G.18)							
GNNE Wall (G.18.E31)	0.000	0.00	0.124	137.60	0.124	137.60	NORTH
in space: GPlnm (G.18)							
GNNE Wall (G.18.E32)	0.000	0.00	0.115	162.40	0.115	162.40	NORTH
in space: GPlnm (G.18)							
GNNE Wall (G.18.E34)	0.000	0.00	0.115	172.00	0.115	172.00	NORTH
in space: GPlnm (G.18)							
1MNNE Wall (G.NW1.E2)	0.097	96.12	0.124	23.88	0.102	120.00	NORTH
in space: 1MNW Perim Spc (G.NW1)							
1MNNE Wall (G.N2.E3)	0.000	0.00	0.360	837.20	0.360	837.20	NORTH
in space: 1MNNorth Perim Spc (G.N2)							
1MNNE Wall (G.NNE6.E11)	0.811	992.28	0.124	246.52	0.674	1238.80	NORTH
in space: 1MNNE Perim Spc (G.NNE6)							
25NNE Wall (G.NW1.E2)	0.811	221.94	0.124	40.56	0.705	262.50	NORTH
in space: 25NW Perim Spc (G.NW1)							
25NNE Wall (G.N2.E3)	0.000	0.00	0.360	1831.38	0.360	1831.38	NORTH
in space: 25North Perim Spc (G.N2)							
25NNE Wall (G.NNE11.E14)	0.811	1609.10	0.124	294.02	0.705	1903.13	NORTH
in space: 25NNE Perim Spc (G.NNE11)							
Exterior Wall 888	0.811	841.00	0.124	59.00	0.766	900.00	NORTH
in space: 25NNE Perim Spc (G.NNE11)							
25NNE Wall (G.NNE12.E15)	0.811	682.11	0.124	124.64	0.705	806.75	NORTH
in space: 25NNE Perim Spc (G.NNE12)							
25NNE Wall (M.NW17.E17)	0.811	443.89	0.124	81.11	0.705	525.00	NORTH
in space: 25NW Perim Spc (M.NW17)							
25NNE Wall (M.N18.E18)	0.000	0.00	0.360	3662.75	0.360	3662.75	NORTH
in space: 25North Perim Spc (M.N18)							
25NNE Wall (M.NNE27.E29)	0.811	3218.20	0.124	588.05	0.705	3806.25	NORTH
in space: 25NNE Perim Spc (M.NNE27)							
Exterior Wall 889	0.811	1682.00	0.124	118.00	0.766	1800.00	NORTH
in space: 25NNE Perim Spc (M.NNE27)							
25NNE Wall (M.NNE28.E30)	0.811	1364.21	0.124	249.29	0.705	1613.50	NORTH
in space: 25NNE Perim Spc (M.NNE28)							
25NNE Wall (T.NW33.E32)	0.544	221.94	0.124	40.56	0.479	262.50	NORTH
in space: 25NW Perim Spc (T.NW33)							
25NNE Wall (T.N34.E33)	0.000	0.00	0.360	1831.38	0.360	1831.38	NORTH

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- New York CityNY TMY2

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25NNE Wall (T.NNE43.E44)	0.544	1609.10	0.124	294.02	0.479	1903.13	NORTH
in space: 25NNE Perim Spc (T.NNE43)							
Exterior Wall 890	0.544	841.00	0.124	59.00	0.517	900.00	NORTH
in space: 25NNE Perim Spc (T.NNE43)							
25NNE Wall (T.NNE44.E45)	0.811	682.11	0.124	124.64	0.705	806.75	NORTH
in space: 25NNE Perim Spc (T.NNE44)							
GNNE Wall (G.NW1.E2)	0.957	180.05	0.124	29.95	0.838	210.00	NORTH
in space: GNW Perim Spc (G.NW1)							
6MCNNE Wall (G.NW3.E7)	0.000	0.00	0.202	570.00	0.202	570.00	NORTH
in space: 6MCNW Perim Spc (G.NW3)							
6MCNNE Wall (G.NNE4.E8)	0.000	0.00	0.202	5884.30	0.202	5884.30	NORTH
in space: 6MCNNE Perim Spc (G.NNE4)							
6MCNNE Wall (G.11.E14)	0.000	0.00	0.115	679.40	0.115	679.40	NORTH
in space: 6MCPlnm (G.11)							
6MCNNE Wall (G.11.E16)	0.000	0.00	0.115	418.60	0.115	418.60	NORTH
in space: 6MCPlnm (G.11)							
Exterior Wall 895	0.000	0.00	0.078	2160.00	0.078	2160.00	NORTH
in space: 6MC Top Spc							
8ANNE Wall (G.NW1.E2)	0.000	0.00	0.124	775.20	0.124	775.20	NORTH
in space: 8ANW Perim Spc (G.NW1)							
8ANNE Wall (G.WSW2.E6)	0.373	583.28	0.124	3028.73	0.164	3612.00	NORTH
in space: 8AWSW Perim Spc (G.WSW2)							
8ANNE Wall (G.NNE3.E8)	0.000	0.00	0.124	408.00	0.124	408.00	NORTH
in space: 8ANNE Perim Spc (G.NNE3)							
8ANNE Wall (G.NNE5.E9)	0.000	0.00	0.124	859.20	0.124	859.20	NORTH
in space: 8ANNE Perim Spc (G.NNE5)							
8ANNE Wall (G.NNE7.E10)	0.000	0.00	0.124	504.00	0.124	504.00	NORTH
in space: 8ANNE Perim Spc (G.NNE7)							
8ANNE Wall (G.ESE12.E17)	0.000	0.00	0.124	218.40	0.124	218.40	NORTH
in space: 8AESE Perim Spc (G.ESE12)							
Exterior Wall 857	0.000	0.00	0.345	1160.00	0.345	1160.00	NORTH
in space: 8MEP							
8MCNNE Wall (G.NNE1.E3)	0.000	0.00	0.115	1194.00	0.115	1194.00	NORTH
in space: 8MANNE Perim Spc (G.NNE1)							
8MCNNE Wall (G.SSW2.E6)	0.000	0.00	0.115	1692.00	0.115	1692.00	NORTH
in space: 8MASSW Perim Spc (G.SSW2)							
10ANNE Wall (G.N8.E12)	0.373	833.82	0.124	504.58	0.279	1338.40	NORTH
in space: 10ANorth Perim Spc (G.N8)							
10ANNE Wall (G.ENE9.E13)	0.373	346.80	0.124	174.70	0.290	521.50	NORTH
in space: 10AENE Perim Spc (G.ENE9)							
10ANNE Wall (G.10.E20)	0.000	0.00	0.124	398.55	0.124	398.55	NORTH
in space: 10APlnm (G.10)							
10MNNE Wall (G.N8.E12)	0.000	0.00	0.124	3441.60	0.124	3441.60	NORTH
in space: 10MNorth Perim Spc (G.N8)							
10MNNE Wall (G.ENE9.E13)	0.000	0.00	0.124	1341.00	0.124	1341.00	NORTH
in space: 10MENE Perim Spc (G.ENE9)							
11MCNNE Wall (G.NNE1.E4)	0.000	0.00	0.124	3807.41	0.124	3807.41	NORTH
in space: 11MCNNE Perim Spc (G.NNE1)							
11DBNNE Wall (G.WNW1.E4)	0.000	0.00	0.124	2126.45	0.124	2126.45	NORTH
in space: 11DBWNW Perim Spc (G.WNW1)							
1519NNE Wall (G.WNW6.E3)	0.373	317.09	0.124	5.41	0.369	322.50	NORTH
in space: 1519WNW Perim Spc (G.WNW6)							
1519NNE Wall (G.NNE7.E4)	0.373	825.30	0.124	203.20	0.324	1028.50	NORTH
in space: 1519NNE Perim Spc (G.NNE7)							
1519NNE Wall (G.E8.E6)	0.373	230.34	0.124	25.16	0.349	255.50	NORTH
in space: 1519East Perim Spc (G.E8)							
1519NNE Wall (G.14.E23)	0.000	0.00	0.124	289.17	0.124	289.17	NORTH

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- New York CityNY TMY2

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2026ESE Wall (G.E6.E2)	0.373	392.03	0.078	148.37	0.292	540.40	EAST
in space: 2026East Perim Spc (G.E6)							
69SSE Wall (G.11.E27)	0.000	0.00	0.115	24.40	0.115	24.40	SOUTH-EAST
in space: 69Plnm (G.11)							
68SSE Wall (G.11.E27)	0.000	0.00	0.115	24.40	0.115	24.40	SOUTH-EAST
in space: 68Plnm (G.11)							
68SSE Wall (G.ESE3.E9)	0.000	0.00	0.115	170.80	0.115	170.80	SOUTH-EAST
in space: 68ESE Perim Spc (G.ESE3)							
69SSE Wall (G.ESE3.E9)	0.000	0.00	0.115	170.80	0.115	170.80	SOUTH-EAST
in space: 69ESE Perim Spc (G.ESE3)							
Exterior Wall 883	0.000	0.00	0.078	3120.00	0.078	3120.00	SOUTH
in space: 93MERSpace							
28SSW Wall (G.SW11.E10)	0.373	292.75	0.115	227.35	0.260	520.10	SOUTH
in space: 28SW Perim Spc (G.SW11)							
68SSW Wall (G.S6.E18)	0.373	257.45	0.115	264.05	0.242	521.50	SOUTH
in space: 68South Perim Spc (G.S6)							
28SSW Wall (G.13.E14)	0.000	0.00	0.115	199.90	0.115	199.90	SOUTH
in space: 28Plnm (G.13)							
1519SSW Wall (G.14.E21)	0.000	0.00	0.115	50.04	0.115	50.04	SOUTH
in space: 1519Plnm (G.14)							
68SSW Wall (G.11.E22)	0.000	0.00	0.115	18.00	0.115	18.00	SOUTH
in space: 68Plnm (G.11)							
68SSW Wall (G.11.E24)	0.000	0.00	0.115	126.90	0.115	126.90	SOUTH
in space: 68Plnm (G.11)							
8ASSW Wall (G.ESE12.E18)	0.000	0.00	0.124	242.40	0.124	242.40	SOUTH
in space: 8AESE Perim Spc (G.ESE12)							
68SSW Wall (G.11.E26)	0.000	0.00	0.115	30.40	0.115	30.40	SOUTH
in space: 68Plnm (G.11)							
Exterior Wall 855	0.000	0.00	0.345	1160.00	0.345	1160.00	SOUTH
in space: 8MEP							
68SSW Wall (G.11.E28)	0.000	0.00	0.115	7.00	0.115	7.00	SOUTH
in space: 68Plnm (G.11)							
1519SSW Wall (M.WNW20.E25)	0.373	951.28	0.115	661.22	0.267	1612.50	SOUTH
in space: 1519WNW Perim Spc (M.WNW20)							
25SSW Wall (T.W36.E37)	0.000	0.00	0.345	266.00	0.345	266.00	SOUTH
in space: 25West Perim Spc (T.W36)							
25SSW Wall (T.SSW37.E38)	0.811	2129.18	0.115	389.07	0.703	2518.25	SOUTH
in space: 25SSW Perim Spc (T.SSW37)							
1519SSW Wall (M.NNE21.E28)	0.373	672.26	0.115	750.24	0.237	1422.50	SOUTH
in space: 1519NNE Perim Spc (M.NNE21)							
Exterior Wall 892	0.811	841.00	0.115	59.00	0.765	900.00	SOUTH
in space: 25SSW Perim Spc (T.SSW37)							
68DBSSW Wall (G.WNW1.E2)	0.373	826.03	0.115	53.97	0.357	880.00	SOUTH
in space: 68DBWNW Perim Spc (G.WNW1)							
2936SSW Wall (M.S22.E24)	0.373	1384.00	0.115	619.12	0.293	2003.12	SOUTH
in space: 2936South Perim Spc (M.S22)							
2936SSW Wall (M.SSW23.E25)	0.373	1408.32	0.115	1512.08	0.239	2920.40	SOUTH
in space: 2936SSW Perim Spc (M.SSW23)							
2936SSW Wall (M.SW24.E26)	0.373	1486.35	0.115	1426.21	0.247	2912.56	SOUTH
in space: 2936SW Perim Spc (M.SW24)							
2936SSW Wall (M.26.E30)	0.000	0.00	0.115	1599.20	0.115	1599.20	SOUTH
in space: 2936Plnm (M.26)							
68DBSSW Wall (G.2.E8)	0.000	0.00	0.124	55.00	0.124	55.00	SOUTH
in space: 68DBPlnm (G.2)							
25SSW Wall (T.SSW40.E41)	0.494	83.22	0.345	1168.04	0.355	1251.25	SOUTH
in space: 25SSW Perim Spc (T.SSW40)							
8MCSSW Wall (G.SSW2.E4)	0.373	2029.20	0.115	856.80	0.296	2886.00	SOUTH

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Description	0.373	1078.96	0.115	311.04	0.315	1390.00	SOUTH
1519SSW Wall (M.S24.E32)	0.373	1078.96	0.115	311.04	0.315	1390.00	SOUTH
in space: 1519South Perim Spc (M.S24)							
25SSW Wall (G.SSW8.E11)	0.494	83.22	0.345	1168.04	0.355	1251.25	SOUTH
in space: 25SSW Perim Spc (G.SSW8)							
GSSW Wall (G.18.E23)	0.000	0.00	0.115	222.40	0.115	222.40	SOUTH
in space: GPlnm (G.18)							
1519SSW Wall (M.SSE25.E35)	0.373	998.34	0.115	1114.16	0.237	2112.50	SOUTH
in space: 1519SSE Perim Spc (M.SSE25)							
1519SSW Wall (M.W26.E36)	0.373	881.96	0.115	613.04	0.267	1495.00	SOUTH
in space: 1519West Perim Spc (M.W26)							
1519SSW Wall (M.28.E40)	0.000	0.00	0.115	546.30	0.115	546.30	SOUTH
in space: 1519Plnm (M.28)							
3744SSW Wall (M.S22.E24)	0.373	1384.00	0.115	619.12	0.293	2003.12	SOUTH
in space: 3744South Perim Spc (M.S22)							
69SSW Wall (G.ESE3.E8)	0.000	0.00	0.115	212.80	0.115	212.80	SOUTH
in space: 69ESE Perim Spc (G.ESE3)							
3744SSW Wall (M.SSW23.E25)	0.373	1408.32	0.115	1512.08	0.239	2920.40	SOUTH
in space: 3744SSW Perim Spc (M.SSW23)							
69SSW Wall (G.ESE3.E10)	0.000	0.00	0.115	49.00	0.115	49.00	SOUTH
in space: 69ESE Perim Spc (G.ESE3)							
3744SSW Wall (M.SW24.E26)	0.373	1486.35	0.115	1426.21	0.247	2912.56	SOUTH
in space: 3744SW Perim Spc (M.SW24)							
3744SSW Wall (M.26.E30)	0.000	0.00	0.115	1599.20	0.115	1599.20	SOUTH
in space: 3744Plnm (M.26)							
69SSW Wall (G.W4.E13)	0.000	0.00	0.115	126.00	0.115	126.00	SOUTH
in space: 69West Perim Spc (G.W4)							
69SSW Wall (G.SW5.E16)	0.373	181.08	0.115	185.72	0.242	366.80	SOUTH
in space: 69SW Perim Spc (G.SW5)							
1519SSW Wall (M.28.E42)	0.000	0.00	0.115	649.35	0.115	649.35	SOUTH
in space: 1519Plnm (M.28)							
69SSW Wall (G.S6.E18)	0.373	257.45	0.115	264.05	0.242	521.50	SOUTH
in space: 69South Perim Spc (G.S6)							
10ASSW Wall (G.SSW2.E2)	0.000	0.00	0.124	409.50	0.124	409.50	SOUTH
in space: 10ASSW Perim Spc (G.SSW2)							
1519SSW Wall (M.28.E44)	0.000	0.00	0.115	250.20	0.115	250.20	SOUTH
in space: 1519Plnm (M.28)							
69SSW Wall (G.11.E22)	0.000	0.00	0.115	18.00	0.115	18.00	SOUTH
in space: 69Plnm (G.11)							
69SSW Wall (G.11.E24)	0.000	0.00	0.115	126.90	0.115	126.90	SOUTH
in space: 69Plnm (G.11)							
GSSW Wall (G.18.E25)	0.000	0.00	0.115	212.80	0.115	212.80	SOUTH
in space: GPlnm (G.18)							
69SSW Wall (G.11.E26)	0.000	0.00	0.115	30.40	0.115	30.40	SOUTH
in space: 69Plnm (G.11)							
GSSW Wall (G.SSW4.E6)	0.000	0.00	0.345	367.50	0.345	367.50	SOUTH
in space: GSSW Perim Spc (G.SSW4)							
69SSW Wall (G.11.E28)	0.000	0.00	0.115	7.00	0.115	7.00	SOUTH
in space: 69Plnm (G.11)							
1519SSW Wall (T.WNW34.E48)	0.373	287.29	0.115	164.21	0.279	451.50	SOUTH
in space: 1519WNW Perim Spc (T.WNW34)							
10ASSW Wall (G.SSW7.E6)	0.373	449.49	0.124	560.61	0.235	1010.10	SOUTH
in space: 10ASSW Perim Spc (G.SSW7)							
GSSW Wall (G.18.E27)	0.000	0.00	0.115	40.10	0.115	40.10	SOUTH
in space: GPlnm (G.18)							
45SSW Wall (T.S35.E40)	0.373	272.59	0.115	85.11	0.312	357.70	SOUTH
in space: 45South Perim Spc (T.S35)							
45SSW Wall (T.SSW36.E41)	0.373	271.24	0.115	250.26	0.249	521.50	SOUTH

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Description	Area	Perim	Vol	Area	Perim	Vol	Area	Perim
45SSW Wall (T.SW37.E42)	0.373	292.75	0.115	227.35	0.260	520.10	SOUTH	
in space: 45SW Perim Spc (T.SW37)								
45SSW Wall (T.39.E46)	0.000	0.00	0.115	199.90	0.115	199.90	SOUTH	
in space: 45Plnm (T.39)								
70SSW Wall (G.W2.E5)	0.000	0.00	0.115	97.20	0.115	97.20	SOUTH	
in space: 70West Perim Spc (G.W2)								
70SSW Wall (G.SW3.E8)	0.373	134.31	0.115	148.65	0.237	282.96	SOUTH	
in space: 70SW Perim Spc (G.SW3)								
1519SSW Wall (T.NNE35.E51)	0.373	203.02	0.115	195.28	0.246	398.30	SOUTH	
in space: 1519NNE Perim Spc (T.NNE35)								
70SSW Wall (G.S4.E10)	0.373	275.39	0.115	236.53	0.254	511.92	SOUTH	
in space: 70South Perim Spc (G.S4)								
10ASSW Wall (G.N8.E10)	0.000	0.00	0.124	440.30	0.124	440.30	SOUTH	
in space: 10ANorth Perim Spc (G.N8)								
1MSSW Wall (G.SW4.E8)	0.000	0.00	0.345	306.80	0.345	306.80	SOUTH	
in space: 1MSW Perim Spc (G.SW4)								
1MSSW Wall (G.SSW5.E9)	0.000	0.00	0.115	1151.20	0.115	1151.20	SOUTH	
in space: 1MSSW Perim Spc (G.SSW5)								
1519SSW Wall (T.S38.E55)	0.373	333.06	0.115	56.14	0.336	389.20	SOUTH	
in space: 1519South Perim Spc (T.S38)								
70SSW Wall (G.SE7.E15)	0.373	158.08	0.115	29.30	0.333	187.38	SOUTH	
in space: 70SE Perim Spc (G.SE7)								
GSSW Wall (G.SSW12.E17)	0.957	1368.36	0.115	227.64	0.837	1596.00	SOUTH	
in space: GSSW Perim Spc (G.SSW12)								
70SSW Wall (G.12.E18)	0.000	0.00	0.115	18.00	0.115	18.00	SOUTH	
in space: 70Plnm (G.12)								
70SSW Wall (G.12.E20)	0.000	0.00	0.115	147.20	0.115	147.20	SOUTH	
in space: 70Plnm (G.12)								
10ASSW Wall (G.10.E16)	0.000	0.00	0.049	182.10	0.049	182.10	SOUTH	
in space: 10APlnm (G.10)								
70SSW Wall (G.12.E22)	0.000	0.00	0.115	34.70	0.115	34.70	SOUTH	
in space: 70Plnm (G.12)								
1519SSW Wall (T.SSE39.E58)	0.373	301.50	0.115	290.00	0.246	591.50	SOUTH	
in space: 1519SSE Perim Spc (T.SSE39)								
46MCSSW Wall (T.S35.E40)	0.000	0.00	0.115	459.90	0.115	459.90	SOUTH	
in space: 46MCSSW Perim Spc (T.S35)								
46MCSSW Wall (T.SSW36.E41)	0.000	0.00	0.115	670.50	0.115	670.50	SOUTH	
in space: 46MCSSW Perim Spc (T.SSW36)								
46MCSSW Wall (T.SW37.E42)	0.000	0.00	0.115	668.70	0.115	668.70	SOUTH	
in space: 46MCSSW Perim Spc (T.SW37)								
46MCSSW Wall (T.39.E46)	0.000	0.00	0.115	199.90	0.115	199.90	SOUTH	
in space: 46MCPlnm (T.39)								
1519SSW Wall (T.W40.E59)	0.373	266.35	0.115	152.25	0.279	418.60	SOUTH	
in space: 1519West Perim Spc (T.W40)								
1519SSW Wall (T.42.E63)	0.000	0.00	0.115	109.26	0.115	109.26	SOUTH	
in space: 1519Plnm (T.42)								
7179SSW Wall (M.W14.E33)	0.000	0.00	0.115	874.80	0.115	874.80	SOUTH	
in space: 7179West Perim Spc (M.W14)								
7179SSW Wall (M.SW15.E36)	0.373	1208.80	0.115	1337.84	0.237	2546.64	SOUTH	
in space: 7179SW Perim Spc (M.SW15)								
1519SSW Wall (T.42.E65)	0.000	0.00	0.115	129.87	0.115	129.87	SOUTH	
in space: 1519Plnm (T.42)								
7179SSW Wall (M.S16.E38)	0.373	2478.52	0.115	2128.76	0.254	4607.28	SOUTH	
in space: 7179South Perim Spc (M.S16)								
10ASSW Wall (G.10.E18)	0.000	0.00	0.115	216.45	0.115	216.45	SOUTH	
in space: 10APlnm (G.10)								
47SSW Wall (G.W2.E5)	0.000	0.00	0.115	97.20	0.115	97.20	SOUTH	

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Area	Area	Area	Area	Area	Area	Area	Area
47SSW Wall (G.SW3.E8)	0.373	158.08	0.115	145.94	0.249	304.02	SOUTH
in space: 47SW Perim Spc (G.SW3)							
47SSW Wall (G.SSW4.E9)	0.373	190.96	0.115	211.34	0.237	402.30	SOUTH
in space: 47SSW Perim Spc (G.SSW4)							
7179SSW Wall (M.SE19.E43)	0.373	1422.76	0.115	263.66	0.333	1686.42	SOUTH
in space: 7179SE Perim Spc (M.SE19)							
1519SSW Wall (T.42.E67)	0.000	0.00	0.115	50.04	0.115	50.04	SOUTH
in space: 1519Plnm (T.42)							
7179SSW Wall (M.24.E46)	0.000	0.00	0.115	162.00	0.115	162.00	SOUTH
in space: 7179Plnm (M.24)							
7179SSW Wall (M.24.E48)	0.000	0.00	0.115	1324.80	0.115	1324.80	SOUTH
in space: 7179Plnm (M.24)							
47SSW Wall (G.SSE5.E11)	0.373	186.34	0.115	89.60	0.289	275.94	SOUTH
in space: 47SSE Perim Spc (G.SSE5)							
7179SSW Wall (M.24.E50)	0.000	0.00	0.115	312.30	0.115	312.30	SOUTH
in space: 7179Plnm (M.24)							
25SSW Wall (M.SSW19.E20)	0.000	0.00	0.345	857.50	0.345	857.50	SOUTH
in space: 25SSW Perim Spc (M.SSW19)							
6MCSSW Wall (G.SSW6.E10)	0.373	4160.00	0.202	1308.20	0.332	5468.20	SOUTH
in space: 6MCSSW Perim Spc (G.SSW6)							
10MSSW Wall (G.SSW2.E2)	0.000	0.00	0.049	1053.00	0.049	1053.00	SOUTH
in space: 10MSSW Perim Spc (G.SSW2)							
6MCSSW Wall (G.11.E12)	0.000	0.00	0.115	575.60	0.115	575.60	SOUTH
in space: 6MCPlnm (G.11)							
2026SSW Wall (G.WNW7.E4)	0.373	283.57	0.115	167.93	0.277	451.50	SOUTH
in space: 2026WNW Perim Spc (G.WNW7)							
25SSW Wall (M.W20.E22)	0.000	0.00	0.345	532.00	0.345	532.00	SOUTH
in space: 25West Perim Spc (M.W20)							
47SSW Wall (G.13.E19)	0.000	0.00	0.115	18.00	0.115	18.00	SOUTH
in space: 47Plnm (G.13)							
8087SSW Wall (M.W14.E33)	0.000	0.00	0.115	777.60	0.115	777.60	SOUTH
in space: 8087West Perim Spc (M.W14)							
8087SSW Wall (M.SW15.E36)	0.373	1074.49	0.115	1189.19	0.237	2263.68	SOUTH
in space: 8087SW Perim Spc (M.SW15)							
47SSW Wall (G.13.E21)	0.000	0.00	0.115	181.90	0.115	181.90	SOUTH
in space: 47Plnm (G.13)							
8087SSW Wall (M.S16.E38)	0.373	2203.13	0.115	1892.23	0.254	4095.36	SOUTH
in space: 8087South Perim Spc (M.S16)							
10MSSW Wall (G.SSW7.E6)	0.000	0.00	0.115	2597.40	0.115	2597.40	SOUTH
in space: 10MSSW Perim Spc (G.SSW7)							
2026SSW Wall (G.NNE8.E7)	0.373	203.02	0.115	195.28	0.246	398.30	SOUTH
in space: 2026NNE Perim Spc (G.NNE8)							
25SSW Wall (M.SSW21.E23)	0.811	4258.36	0.115	778.14	0.703	5036.50	SOUTH
in space: 25SSW Perim Spc (M.SSW21)							
2026SSW Wall (G.SW11.E10)	0.373	292.75	0.115	125.85	0.295	418.60	SOUTH
in space: 2026SW Perim Spc (G.SW11)							
8087SSW Wall (M.SE19.E43)	0.373	1264.67	0.115	234.37	0.333	1499.04	SOUTH
in space: 8087SE Perim Spc (M.SE19)							
2026SSW Wall (G.SSW12.E12)	0.373	317.56	0.115	305.44	0.246	623.00	SOUTH
in space: 2026SSW Perim Spc (G.SSW12)							
8087SSW Wall (M.24.E46)	0.000	0.00	0.115	144.00	0.115	144.00	SOUTH
in space: 8087Plnm (M.24)							
8087SSW Wall (M.24.E48)	0.000	0.00	0.115	1177.60	0.115	1177.60	SOUTH
in space: 8087Plnm (M.24)							
10MSSW Wall (G.N8.E10)	0.000	0.00	0.049	1132.20	0.049	1132.20	SOUTH
in space: 10MNorth Perim Spc (G.N8)							
8087SSW Wall (M.24.E50)	0.000	0.00	0.115	277.60	0.115	277.60	SOUTH

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1519WNW Wall (T.WNW41.E61)	0.373	350.43	0.124	117.17	0.311	467.60	WEST
in space: 1519WNW Perim Spc (T.WNW41)							
69WNW Wall (G.11.E21)	0.000	0.00	0.124	117.90	0.124	117.90	WEST
in space: 69Plnm (G.11)							
1519WNW Wall (T.42.E62)	0.000	0.00	0.124	69.48	0.124	69.48	WEST
in space: 1519Plnm (T.42)							
69WNW Wall (G.11.E23)	0.000	0.00	0.124	29.80	0.124	29.80	WEST
in space: 69Plnm (G.11)							
91WNW Wall (G.12.E16)	0.000	0.00	0.124	117.90	0.124	117.90	WEST
in space: 91Plnm (G.12)							
GWNW Wall (G.NW1.E1)	0.957	869.37	0.307	144.63	0.864	1014.00	WEST
in space: GNW Perim Spc (G.NW1)							
91WNW Wall (G.12.E18)	0.000	0.00	0.124	29.80	0.124	29.80	WEST
in space: 91Plnm (G.12)							
1519WNW Wall (T.42.E64)	0.000	0.00	0.124	142.02	0.124	142.02	WEST
in space: 1519Plnm (T.42)							
25WNW Wall (M.N18.E19)	0.000	0.00	0.049	1123.50	0.049	1123.50	WEST
in space: 25North Perim Spc (M.N18)							
8MCWNW Wall (G.SSW2.E7)	0.373	1521.22	0.115	372.78	0.322	1894.00	WEST
in space: 8MASSW Perim Spc (G.SSW2)							
4856WNW Wall (M.26.E44)	0.000	0.00	0.124	1112.40	0.124	1112.40	WEST
in space: 4856Plnm (M.26)							
1519WNW Wall (G.WNW6.E1)	0.373	268.20	0.124	117.80	0.297	386.00	WEST
in space: 1519WNW Perim Spc (G.WNW6)							
4856WNW Wall (M.26.E46)	0.000	0.00	0.124	268.20	0.124	268.20	WEST
in space: 4856Plnm (M.26)							
10AWNW Wall (G.WNW1.E1)	0.373	363.65	0.124	103.95	0.318	467.60	WEST
in space: 10AWNW Perim Spc (G.WNW1)							
91WNW Wall (G.12.E26)	0.000	0.00	0.124	27.50	0.124	27.50	WEST
in space: 91Plnm (G.12)							
28WNW Wall (G.SW11.E11)	0.373	133.79	0.124	84.61	0.276	218.40	WEST
in space: 28SW Perim Spc (G.SW11)							
92WNW Wall (G.NNW1.E1)	0.373	205.88	0.124	63.62	0.314	269.50	WEST
in space: 92NNW Perim Spc (G.NNW1)							
69WNW Wall (G.11.E33)	0.000	0.00	0.124	27.50	0.124	27.50	WEST
in space: 69Plnm (G.11)							
92WNW Wall (G.NNW1.E3)	0.373	144.55	0.124	47.95	0.311	192.50	WEST
in space: 92NNW Perim Spc (G.NNW1)							
28WNW Wall (G.WNW12.E12)	0.373	357.58	0.124	110.02	0.314	467.60	WEST
in space: 28WNW Perim Spc (G.WNW12)							
70WNW Wall (G.NNW1.E1)	0.373	120.41	0.124	28.09	0.326	148.50	WEST
in space: 70NNW Perim Spc (G.NNW1)							
28WNW Wall (G.13.E13)	0.000	0.00	0.124	175.20	0.124	175.20	WEST
in space: 28Plnm (G.13)							
70WNW Wall (G.NNW1.E3)	0.373	186.34	0.124	44.78	0.325	231.12	WEST
in space: 70NNW Perim Spc (G.NNW1)							
92WNW Wall (G.W4.E8)	0.000	0.00	0.124	555.80	0.124	555.80	WEST
in space: 92West Perim Spc (G.W4)							
92WNW Wall (G.SW5.E9)	0.000	0.00	0.124	208.60	0.124	208.60	WEST
in space: 92SW Perim Spc (G.SW5)							
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)							
4856WNW Wall (M.26.E52)	0.000	0.00	0.124	196.20	0.124	196.20	WEST
in space: 4856Plnm (M.26)							
70WNW Wall (G.W2.E6)	0.373	283.02	0.124	122.52	0.298	405.54	WEST
in space: 70West Perim Spc (G.W2)							
92WNW Wall (G.12.E16)	0.000	0.00	0.124	117.90	0.124	117.90	WEST

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70WNW Wall (G.SW3.E7)	0.373	89.96	0.124	70.96	0.263	160.92	WEST
in space: 70SW Perim Spc (G.SW3)							
92WNW Wall (G.12.E18)	0.000	0.00	0.124	29.80	0.124	29.80	WEST
in space: 92Plnm (G.12)							
10AWN Wall (G.SSW2.E3)	0.373	36.20	0.124	21.90	0.279	58.10	WEST
in space: 10ASSW Perim Spc (G.SSW2)							
5765WNW Wall (M.NNW14.E28)	0.373	1846.62	0.124	427.86	0.326	2274.48	WEST
in space: 5765NNW Perim Spc (M.NNW14)							
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)							
5765WNW Wall (M.NNW14.E30)	0.373	592.30	0.124	467.18	0.263	1059.48	WEST
in space: 5765NNW Perim Spc (M.NNW14)							
2936WNW Wall (M.NNW18.E17)	0.373	2373.38	0.124	652.86	0.319	3026.24	WEST
in space: 2936NNW Perim Spc (M.NNW18)							
2026WNW Wall (G.WNW7.E3)	0.373	404.98	0.124	135.42	0.311	540.40	WEST
in space: 2026WNW Perim Spc (G.WNW7)							
5765WNW Wall (M.W15.E33)	0.373	2604.80	0.124	1127.68	0.298	3732.48	WEST
in space: 5765West Perim Spc (M.W15)							
92WNW Wall (G.12.E26)	0.000	0.00	0.124	27.50	0.124	27.50	WEST
in space: 92Plnm (G.12)							
5765WNW Wall (M.SW16.E34)	0.373	809.66	0.124	638.62	0.263	1448.28	WEST
in space: 5765SW Perim Spc (M.SW16)							
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)							
70WNW Wall (G.12.E17)	0.000	0.00	0.124	117.90	0.124	117.90	WEST
in space: 70Plnm (G.12)							
GWNW Wall (G.NW2.E4)	0.957	412.82	0.307	68.72	0.864	481.54	WEST
in space: GWNW Perim Spc (G.NW2)							
70WNW Wall (G.12.E19)	0.000	0.00	0.124	29.80	0.124	29.80	WEST
in space: 70Plnm (G.12)							
6MCWNW Wall (G.WSW1.E3)	0.000	0.00	0.307	1626.48	0.307	1626.48	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)							
Exterior Wall 897	0.000	0.00	0.049	5832.00	0.049	5832.00	ROOF
in space: 6MC Top Spc							
Exterior Wall 898	0.000	0.00	0.049	26450.00	0.049	26450.00	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)							
27MCRoof1	0.000	0.00	0.049	1244.85	0.049	1244.85	ROOF
in space: 27MCWNW Perim Spc (G.WNW7)							
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

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SURFACE	- - - W I N D O W S - - -		- - - - W A L L - - - -		- W A L L + W I N D O W S -		AZIMUTH
	U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	
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

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SURFACE	- - - W I N D O W S - - -		- - - - W A L L - - - -		- W A L L + W I N D O W S -		AZIMUTH
	U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	
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

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SURFACE	- - - W I N D O W S - - -		- - - - W A L L - - - -		- W A L L + W I N D O W S -		AZIMUTH
	U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	
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	11474.58	0.010	11474.58	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



DEPT OF BLDGS121328205 Job Number



ES873442484 Scan Code

Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES593454215 Scan Code N 1

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- New York CityNY TMY2

(CONTINUED)

SURFACE	- - - W I N D O W S - - -		- - - - W A L L - - - -		- W A L L + W I N D O W S -		AZIMUTH
	U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	
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

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	0.440	0.161	0.304	102717.63	97597.63	200315.28
EAST	0.373	0.095	0.197	61151.59	106404.91	167556.53
SOUTH-EAST	0.000	0.115	0.115	0.00	390.40	390.40
SOUTH	0.454	0.142	0.264	76931.43	120470.86	197402.31
SOUTH-WEST	0.494	0.642	0.575	3046.60	3654.08	6700.68
WEST	0.392	0.129	0.230	62561.60	99577.83	162139.47
ROOF	0.000	0.049	0.049	0.00	45153.30	45153.30
ALL WALLS	0.421	0.136	0.255	306408.84	428096.00	734505.06
WALLS+ROOFS	0.421	0.128	0.243	306408.84	473249.28	779658.38
UNDERGRND	0.000	0.039	0.039	0.00	204094.34	204094.34

REPORT- LV-H Details of Windows

WEATHER FILE- New York CityNY TMY2

----- (CONTINUED) -----

WINDOW NAME	SETBACK (FT)	GLASS SHADING COEFF	NUMBER OF PANES	CENTER-OF- GLASS U-VALUE (BTU/HR-SQFT-F)	GLASS VISIBLE TRANS	GLASS SOLAR TRANS	SURFACE TO ROUGH OPEN AREA RATIO
25West Win (G.W7.E10.W1)	0.00	0.92	1	0.494	0.900	0.878	1.000
25SSW Win (G.SSW8.E11.W1)	0.00	0.92	1	0.494	0.900	0.878	1.000
25NNE Win (G.NNE11.E14.W1)	0.00	0.89	1	0.811	0.900	0.878	1.000
Window 398	0.00	0.89	1	0.811	0.900	0.878	1.000
25NNE Win (G.NNE12.E15.W1)	0.00	0.89	1	0.811	0.900	0.878	1.000
25NNE Win (M.NW17.E17.W1)	0.00	0.89	1	0.811	0.900	0.878	1.000
25SSW Win (M.SSW21.E23.W1)	0.00	0.89	1	0.811	0.900	0.878	1.000
Window 401	0.00	0.89	1	0.811	0.900	0.878	1.000
25West Win (M.W23.E25.W1)	0.00	0.92	1	0.494	0.900	0.878	1.000
25SSW Win (M.SSW24.E26.W1)	0.00	0.92	1	0.494	0.900	0.878	1.000
25NNE Win (M.NNE27.E29.W1)	0.00	0.89	1	0.811	0.900	0.878	1.000
Window 399	0.00	0.89	1	0.811	0.900	0.878	1.000
25NNE Win (M.NNE28.E30.W1)	0.00	0.89	1	0.811	0.900	0.878	1.000
25NNE Win (T.NW33.E32.W1)	0.00	0.60	1	0.544	0.900	0.878	1.000
25SSW Win (T.SSW37.E38.W1)	0.00	0.89	1	0.811	0.900	0.878	1.000
Window 402	0.00	0.89	1	0.811	0.900	0.878	1.000
25West Win (T.W39.E40.W1)	0.00	0.92	1	0.494	0.900	0.878	1.000
25SSW Win (T.SSW40.E41.W1)	0.00	0.92	1	0.494	0.900	0.878	1.000
25NNE Win (T.NNE43.E44.W1)	0.00	0.60	1	0.544	0.900	0.878	1.000
Window 400	0.00	0.60	1	0.544	0.900	0.878	1.000
25NNE Win (T.NNE44.E45.W1)	0.00	0.89	1	0.811	0.900	0.878	1.000
Window 403	0.00	0.32	1	0.373	0.900	0.878	1.000
8ANNE Win (G.WSW2.E6.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
8ANNE Win (G.WSW2.E6.W2)	0.00	0.32	1	0.373	0.900	0.878	1.000
8AWN W Win (G.WSW2.E7.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
8MCSSW Win (G.SSW2.E4.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
8MCWNW Win (G.SSW2.E7.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
10AWN W Win (G.WNW1.E1.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
10AWN W Win (G.SSW2.E3.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
10ASSW Win (G.SSW7.E6.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
10AWN W Win (G.SSW7.E8.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
10AWN W Win (G.N8.E9.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
10AWN W Win (G.N8.E11.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
10ANNE Win (G.N8.E12.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
10ANNE Win (G.ENE9.E13.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
Window 387	0.00	0.32	1	0.373	0.900	0.878	1.000
1519WNW Win (G.WNW6.E1.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
1519SSW Win (G.WNW6.E2.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
1519NNE Win (G.WNW6.E3.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
1519NNE Win (G.NNE7.E4.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
Window 374	0.00	0.32	1	0.373	0.900	0.878	1.000
1519SSW Win (G.NNE7.E5.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
1519NNE Win (G.E8.E6.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
1519ESE Win (G.E8.E7.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
1519ESE Win (G.ESE9.E8.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
1519SSW Win (G.S10.E9.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
1519ESE Win (G.S10.E10.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
1519ESE Win (G.SSE11.E11.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
1519SSW Win (G.SSE11.E12.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
1519SSW Win (G.W12.E13.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
1519WNW Win (G.W12.E14.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
1519WNW Win (G.WNW13.E15.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
1519WNW Win (M.WNW20.E24.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000

REPORT- LV-H Details of Windows

WEATHER FILE- New York CityNY TMY2

----- (CONTINUED) -----

WINDOW NAME	SETBACK (FT)	GLASS SHADING COEFF	NUMBER OF PANES	CENTER-OF- GLASS U-VALUE (BTU/HR-SQFT-F)	GLASS VISIBLE TRANS	GLASS SOLAR TRANS	SURFACE TO ROUGH OPEN AREA RATIO
2026ESE Win (M.ESE24.E29.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2026SSW Win (M.SW25.E30.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2026WNW Win (M.SW25.E31.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2026SSW Win (M.SSW26.E32.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2026ESE Win (M.S27.E33.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2026SSW Win (M.S27.E34.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2026NNE Win (T.E34.E41.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2026ESE Win (T.E34.E42.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2026WNW Win (T.WNW35.E43.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2026SSW Win (T.WNW35.E44.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2026NNE Win (T.WNW35.E45.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2026NNE Win (T.NNE36.E46.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
Window 379	0.00	0.32	1	0.373	0.900	0.878	1.000
2026SSW Win (T.NNE36.E47.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2026WNW Win (T.WNW37.E48.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2026ESE Win (T.ESE38.E49.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2026SSW Win (T.SW39.E50.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2026WNW Win (T.SW39.E51.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2026SSW Win (T.SSW40.E52.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2026ESE Win (T.S41.E53.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2026SSW Win (T.S41.E54.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
28WNW Win (G.NNW5.E1.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
28NNE Win (G.NNW5.E2.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
28NNE Win (G.NNE6.E3.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
28NNE Win (G.E7.E4.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
28ESE Win (G.E7.E5.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
28ESE Win (G.ESE8.E6.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
28ESE Win (G.S9.E7.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
28SSW Win (G.S9.E8.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
28SSW Win (G.SSW10.E9.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
28SSW Win (G.SW11.E10.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
28WNW Win (G.SW11.E11.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
28WNW Win (G.WNW12.E12.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2936WNW Win (M.NNW18.E17.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2936NNE Win (M.NNW18.E18.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2936NNE Win (M.NNE19.E19.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2936NNE Win (M.E20.E20.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2936ESE Win (M.E20.E21.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2936ESE Win (M.ESE21.E22.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2936ESE Win (M.S22.E23.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2936SSW Win (M.S22.E24.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2936SSW Win (M.SSW23.E25.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2936SSW Win (M.SW24.E26.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2936WNW Win (M.SW24.E27.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
2936WNW Win (M.WNW25.E28.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
3744WNW Win (M.NNW18.E17.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
3744NNE Win (M.NNW18.E18.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
3744NNE Win (M.NNE19.E19.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
3744NNE Win (M.E20.E20.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
3744ESE Win (M.E20.E21.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
3744ESE Win (M.ESE21.E22.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
3744ESE Win (M.S22.E23.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
3744SSW Win (M.S22.E24.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000

REPORT- LV-H Details of Windows

WEATHER FILE- New York CityNY TMY2

(CONTINUED)

WINDOW NAME	SETBACK (FT)	GLASS SHADING COEFF	NUMBER OF PANES	CENTER-OF- GLASS U-VALUE (BTU/HR-SQFT-F)	GLASS VISIBLE TRANS	GLASS SOLAR TRANS	SURFACE TO ROUGH OPEN AREA RATIO
3744SSW Win (M.SW24.E26.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
3744WNW Win (M.SW24.E27.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
3744WNW Win (M.WNW25.E28.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
45WNW Win (T.NNW31.E33.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
45NNE Win (T.NNW31.E34.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
45NNE Win (T.NNE32.E35.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
45NNE Win (T.E33.E36.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
45ESE Win (T.E33.E37.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
45ESE Win (T.ESE34.E38.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
45ESE Win (T.S35.E39.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
45SSW Win (T.S35.E40.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
45SSW Win (T.SSW36.E41.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
45SSW Win (T.SW37.E42.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
45WNW Win (T.SW37.E43.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
45WNW Win (T.WNW38.E44.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
47WNW Win (G.NNW1.E1.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
47NNE Win (G.NNW1.E2.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
47WNW Win (G.NNW1.E3.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
47NNE Win (G.NNW1.E4.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
47WNW Win (G.W2.E6.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
47WNW Win (G.SW3.E7.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
47SSW Win (G.SW3.E8.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
47SSW Win (G.SSW4.E9.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
47ESE Win (G.SSE5.E10.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
47SSW Win (G.SSE5.E11.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
47ESE Win (G.ESE6.E12.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
47ESE Win (G.ENE7.E13.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
47ESE Win (G.ENE7.E14.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
47NNE Win (G.ENE7.E15.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
47ESE Win (G.NE8.E16.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
47NNE Win (G.NE8.E17.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
4856WNW Win (M.NNW14.E28.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
4856NNE Win (M.NNW14.E29.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
4856WNW Win (M.NNW14.E30.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
4856NNE Win (M.NNW14.E31.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
4856WNW Win (M.W15.E33.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
4856WNW Win (M.SW16.E34.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
4856SSW Win (M.SW16.E35.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
4856SSW Win (M.SSW17.E36.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
4856ESE Win (M.SSE18.E37.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
4856SSW Win (M.SSE18.E38.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
4856ESE Win (M.ESE19.E39.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
4856ESE Win (M.ENE20.E40.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
4856NNE Win (M.ENE20.E41.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
4856ESE Win (M.NE21.E42.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
4856NNE Win (M.NE21.E43.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
5765WNW Win (M.NNW14.E28.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
5765NNE Win (M.NNW14.E29.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
5765WNW Win (M.NNW14.E30.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
5765NNE Win (M.NNW14.E31.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
5765WNW Win (M.W15.E33.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
5765WNW Win (M.SW16.E34.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
5765SSW Win (M.SW16.E35.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000

REPORT- LV-H Details of Windows

WEATHER FILE- New York CityNY TMY2

----- (CONTINUED) -----

WINDOW NAME	SETBACK (FT)	GLASS SHADING COEFF	NUMBER OF PANES	CENTER-OF- GLASS U-VALUE (BTU/HR-SQFT-F)	GLASS VISIBLE TRANS	GLASS SOLAR TRANS	SURFACE TO ROUGH OPEN AREA RATIO
5765ESE Win (M.SSE18.E37.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
5765SSW Win (M.SSE18.E38.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
5765ESE Win (M.ESE19.E39.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
5765ESE Win (M.ENE20.E40.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
5765NNE Win (M.ENE20.E41.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
5765ESE Win (M.NE21.E42.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
5765NNE Win (M.NE21.E43.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
66WNW Win (T.NNW27.E54.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
66NNE Win (T.NNW27.E55.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
66WNW Win (T.NNW27.E56.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
66NNE Win (T.NNW27.E57.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
66WNW Win (T.W28.E59.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
66WNW Win (T.SW29.E60.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
66SSW Win (T.SW29.E61.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
66SSW Win (T.SSW30.E62.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
66ESE Win (T.SSE31.E63.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
66SSW Win (T.SSE31.E64.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
66ESE Win (T.ESE32.E65.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
66ESE Win (T.ENE33.E66.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
66NNE Win (T.ENE33.E67.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
66ESE Win (T.NE34.E68.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
66NNE Win (T.NE34.E69.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
68WNW Win (G.NNW1.E1.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
68NNE Win (G.NNW1.E2.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
68WNW Win (G.NNW1.E3.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
68NNE Win (G.NNW1.E4.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
68ESE Win (G.NE2.E5.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
68NNE Win (G.NE2.E6.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
68ESE Win (G.ESE3.E11.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
68NNE Win (G.ESE3.E12.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
68WNW Win (G.W4.E14.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
68WNW Win (G.SW5.E15.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
68SSW Win (G.SW5.E16.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
68SSW Win (G.S6.E18.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
68DBSSW Win (G.WNW1.E2.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
68DBESE Win (G.WNW1.E3.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
69WNW Win (G.NNW1.E1.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
69NNE Win (G.NNW1.E2.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
69WNW Win (G.NNW1.E3.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
69NNE Win (G.NNW1.E4.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
69ESE Win (G.NE2.E5.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
69NNE Win (G.NE2.E6.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
69ESE Win (G.ESE3.E11.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
69NNE Win (G.ESE3.E12.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
69WNW Win (G.W4.E14.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
69WNW Win (G.SW5.E15.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
69SSW Win (G.SW5.E16.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
69SSW Win (G.S6.E18.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
70WNW Win (G.NNW1.E1.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
70NNE Win (G.NNW1.E2.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
70WNW Win (G.NNW1.E3.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
70NNE Win (G.NNW1.E4.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
70WNW Win (G.W2.E6.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000

REPORT- LV-H Details of Windows

WEATHER FILE- New York CityNY TMY2

----- (CONTINUED) -----

WINDOW NAME	SETBACK (FT)	GLASS SHADING COEFF	NUMBER OF PANES	CENTER-OF- GLASS U-VALUE (BTU/HR-SQFT-F)	GLASS VISIBLE TRANS	GLASS SOLAR TRANS	SURFACE TO ROUGH OPEN AREA RATIO
88NNE Win (T.ENE30.E69.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
88ESE Win (T.ENE30.E70.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
88SSW Win (T.SE31.E71.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
88ESE Win (T.SE31.E72.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
89WNW Win (G.NNW1.E1.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
89NNE Win (G.NNW1.E2.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
89WNW Win (G.NNW1.E3.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
89NNE Win (G.NNW1.E4.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
89NNE Win (G.NE2.E6.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
89WNW Win (G.W4.E9.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
89WNW Win (G.SW5.E10.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
89SSW Win (G.SW5.E11.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
89ESE Win (G.S6.E12.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
89SSW Win (G.S6.E14.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
Window 369	0.00	0.32	1	0.373	0.900	0.878	1.000
89DBSSW Win (G.WNW1.E2.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
89DBESE Win (G.WNW1.E3.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
89DBNNE Win (G.WNW1.E4.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
90WNW Win (G.NNW1.E1.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
90NNE Win (G.NNW1.E2.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
90WNW Win (G.NNW1.E3.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
90NNE Win (G.NNW1.E4.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
90NNE Win (G.NE2.E6.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
90SSW Win (G.W4.E8.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
90WNW Win (G.W4.E9.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
90WNW Win (G.SW5.E10.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
90SSW Win (G.SW5.E11.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
90ESE Win (G.S6.E12.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
90SSW Win (G.S6.E14.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
Window 370	0.00	0.32	1	0.373	0.900	0.878	1.000
91WNW Win (G.NNW1.E1.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
91NNE Win (G.NNW1.E2.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
91WNW Win (G.NNW1.E3.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
91NNE Win (G.NNW1.E4.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
91ESE Win (G.NE2.E5.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
91NNE Win (G.NE2.E6.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
91ESE Win (G.S6.E11.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
92WNW Win (G.NNW1.E1.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
92NNE Win (G.NNW1.E2.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
92WNW Win (G.NNW1.E3.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
92NNE Win (G.NNW1.E4.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000
92ESE Win (G.NE2.E5.W1)	0.00	0.32	1	0.373	0.900	0.878	1.000

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	20055.5	401.	0.227	1077.855	0.657	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	26230.	1.00	28.329	3.34	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
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.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.

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	33447.3	669.	0.267	1595.632	0.653	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	41.398	3.34	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
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.
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	35069.3	701.	0.256	1817.136	0.654	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	43837.	1.00	47.344	3.34	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
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.

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	35759.1	715.	0.167	2382.430	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	59515.	1.00	64.277	3.34	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
25North Perim Zn (G.N2)	3158.	0.	0.000	0.213	674.	0.00	0.00	71.62	-136.42	-67.63	1.
25SSW Perim Zn (G.SSW5)	8839.	0.	0.000	0.080	703.	0.00	0.00	200.46	-50.00	(BASEBOARDS)	1.
25Core Zn (G.C6)	8671.	0.	0.000	0.213	1850.	0.00	0.00	196.65	-381.83	-144.32	1.
25West Perim Zn (G.W7)	2496.	0.	0.000	0.063	156.	0.00	0.00	56.60	-50.00	(BASEBOARDS)	1.
25SSW Perim Zn (G.SSW8)	1517.	0.	0.000	0.211	320.	0.00	0.00	34.40	-374.57	-142.05	1.
25ESE Perim Zn (G.ESE9)	4473.	0.	0.000	0.107	477.	0.00	0.00	101.46	-50.00	(BASEBOARDS)	1.
25ESE Perim Zn (G.ESE10)	2277.	0.	0.000	0.171	389.	0.00	0.00	51.64	-193.25	-85.39	1.
25NNE Perim Zn (G.NNE11)	4730.	0.	0.000	0.110	522.	0.00	0.00	107.29	-50.00	(BASEBOARDS)	1.
25NNE Perim Zn (G.NNE12)	1510.	0.	0.000	0.123	185.	0.00	0.00	34.24	-50.00	(BASEBOARDS)	1.
25Core Zn (G.C15)	14022.	0.	0.000	0.213	2991.	0.00	0.00	318.03	-65.22	-45.38	1.
25Core Zn (G.C16)	7823.	0.	0.000	0.213	1669.	0.00	0.00	177.43	-605.77	-214.30	1.
25NW Perim Zn (G.NW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-50.00	(BASEBOARDS)	1.
25West Perim Zn (G.W4)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-337.96	-130.61	1.
25Core Zn (G.C13)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-50.00	(BASEBOARDS)	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	71518.2	1430.	0.148	5323.890	0.666	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	134200.	1.00	144.936	3.34	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
25North Perim Zn (M.N18)	3632.	0.	0.000	0.186	674.	0.00	0.00	82.36	-156.88	-74.03	2.
25SSW Perim Zn (M.SSW21)	10475.	0.	0.000	0.067	703.	0.00	0.00	237.57	-50.00	(BASEBOARDS)	2.
25Core Zn (M.C22)	8671.	0.	0.000	0.213	1850.	0.00	0.00	196.65	-452.52	-166.41	2.
25West Perim Zn (M.W23)	3069.	0.	0.000	0.051	156.	0.00	0.00	69.61	-50.00	(BASEBOARDS)	2.
25SSW Perim Zn (M.SSW24)	1554.	0.	0.000	0.206	320.	0.00	0.00	35.24	-374.57	-142.05	2.
25ESE Perim Zn (M.ESE25)	4473.	0.	0.000	0.107	477.	0.00	0.00	101.46	-50.00	(BASEBOARDS)	2.
25ESE Perim Zn (M.ESE26)	2732.	0.	0.000	0.142	389.	0.00	0.00	61.96	-132.60	-66.44	2.
25NNE Perim Zn (M.NNE27)	5040.	0.	0.000	0.104	522.	0.00	0.00	114.32	-50.00	(BASEBOARDS)	2.
25NNE Perim Zn (M.NNE28)	1696.	0.	0.000	0.109	185.	0.00	0.00	38.47	-67.13	-45.98	2.
25Core Zn (M.C31)	14022.	0.	0.000	0.213	2991.	0.00	0.00	318.03	-50.00	(BASEBOARDS)	2.
25Core Zn (M.C32)	11735.	0.	0.000	0.142	1669.	0.00	0.00	266.15	-73.28	-47.90	2.
25NW Perim Zn (M.NW17)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-50.00	(BASEBOARDS)	2.
25West Perim Zn (M.W20)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-605.77	-214.30	2.
25Core Zn (M.C29)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-506.94	-183.42	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	35759.1	715.	0.130	3014.095	0.669	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	76711.	1.00	82.848	3.34	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
25North Perim Zn (T.N34)	3158.	0.	0.000	0.213	674.	0.00	0.00	71.62	-102.32	-67.63	1.
25SSW Perim Zn (T.SSW37)	17523.	0.	0.000	0.040	703.	0.00	0.00	397.42	-37.50	(BASEBOARDS)	1.
25Core Zn (T.C38)	8671.	0.	0.000	0.213	1850.	0.00	0.00	196.65	-567.74	-261.56	1.
25West Perim Zn (T.W39)	4863.	0.	0.000	0.032	156.	0.00	0.00	110.29	-37.50	(BASEBOARDS)	1.
25SSW Perim Zn (T.SSW40)	1972.	0.	0.000	0.162	320.	0.00	0.00	44.73	-280.93	-142.05	1.
25ESE Perim Zn (T.ESE41)	4473.	0.	0.000	0.107	477.	0.00	0.00	101.46	-37.50	(BASEBOARDS)	1.
25ESE Perim Zn (T.ESE42)	2277.	0.	0.000	0.171	389.	0.00	0.00	51.64	-37.50	(BASEBOARDS)	1.
25NNE Perim Zn (T.NNE43)	5563.	0.	0.000	0.094	522.	0.00	0.00	126.18	-73.77	-55.74	1.
25NNE Perim Zn (T.NNE44)	2454.	0.	0.000	0.076	185.	0.00	0.00	55.65	-180.26	-100.11	1.
25Core Zn (T.C47)	14022.	0.	0.000	0.213	2991.	0.00	0.00	318.03	-37.50	(BASEBOARDS)	1.
25Core Zn (T.C48)	11735.	0.	0.000	0.142	1669.	0.00	0.00	266.15	-79.50	-58.12	1.
25NW Perim Zn (T.NW33)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-37.50	(BASEBOARDS)	1.
25West Perim Zn (T.W36)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-380.21	-183.42	1.
25Core Zn (T.C45)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-37.50	(BASEBOARDS)	1.

Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES003060650 Scan Code N 1

REPORT- SV-A System Design Parameters for HV Sys

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	3364.0	0.	1.000	1043.848	0.626	-2432.848	0.186	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	19800.	1.00	7.920	1.24	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	1.00

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
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Extell 221 West 57th St



 DEPT OF BLDGS121328205 Job Number



 ES280906597 Scan Code N 1

REPORT- SV-A System Design Parameters for AHU-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	22369.5	89.	0.000	76.000	0.868	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	2800.	1.00	1.204	1.33	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCCore Zn (G.C7)	1400.	0.	0.000	0.001	0.	0.00	0.00	27.27	-30.24	-18.90	2.

Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES367388050 Scan Code N 1

REPORT- SV-A System Design Parameters for AHU-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	12941.7	52.	0.000	80.000	0.750	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	2350.	1.00	1.105	1.45	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCSSW Perim Zn (G.SSW6)	701.	0.	0.000	0.001	0.	0.00	0.00	15.74	-15.15	-9.47	2.
6MCNNE Perim Zn (G.NNE4)	474.	0.	0.000	0.001	0.	0.00	0.00	10.62	-10.23	-6.39	2.

Extell 221 West 57th St



 DEPT OF BLDGS121328205 Job Number



 ES204121207 Scan Code N 1

REPORT- SV-A System Design Parameters for AHU-90-1

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	1434.1	2.	0.060	173.000	0.861	-23.400	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	6500.	1.00	1.820	0.87	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
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Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES818806115 Scan Code N 1

REPORT- SV-A System Design Parameters for AHU-90-2

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	2005.0	2.	0.000	174.000	0.862	-23.400	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	6500.	1.00	1.820	0.87	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
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Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES930476444 Scan Code N 1

REPORT- SV-A System Design Parameters for AHU-94-1

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	1024.4	0.	0.060	173.000	0.861	-230.000	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	6500.	1.00	1.820	0.87	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
92NE Perim Zn (G.NE2)	3250.	0.	0.000	0.060	195.	0.00	0.00	61.21	-70.20	-88.26	1.

Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES733187401 Scan Code N 1

REPORT- SV-A System Design Parameters for AHU-94-2

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	1434.1	0.	0.060	173.000	0.861	-230.000	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	6500.	1.00	1.820	0.87	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
92Core Zn (G.C3)	3250.	0.	0.000	0.060	195.	0.00	0.00	61.18	-70.20	-88.26	1.

Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES194717462 Scan Code N 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.	0.175	258.000	0.504	-237.961	0.190	0.206	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	9.300	2.87	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
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Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES936183482 Scan Code N 1

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	38.000	0.579	-50.000	0.222	0.241	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	0.193	1.08	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
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Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES887092523 Scan Code N 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	48.000	1.000	-59.020	0.241	0.196	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	0.624	1.21	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
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Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES266458601 Scan Code N 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	38.000	0.579	-50.000	0.222	0.241	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	0.193	1.08	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)	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	5.28	-7.26	-6.66	1.

Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES616770293 Scan Code N 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	325.000	0.677	-446.000	0.237	0.254	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	2.520	1.30	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)	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	129.49	-152.11	-162.79	1.
SC3Core Zn (B.C4)	132.	0.	0.000	0.600	79.	0.00	0.00	2.90	-3.41	-3.65	1.

Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES697534222 Scan Code N 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.	0.538	41.000	0.707	-54.000	0.222	0.240	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	0.376	1.45	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
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Extell 221 West 57th St



 DEPT OF BLDGS121328205 Job Number



 ES223754679 Scan Code N 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	229.000	0.686	-300.000	0.255	0.196	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	1.360	1.05	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)	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	37.59	-65.25	-47.61	1.

Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES074357001 Scan Code N 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	115.000	0.670	-158.000	0.249	0.269	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	2.100	2.16	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
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Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES428075675 Scan Code N 1

REPORT- SV-A System Design Parameters for AC-C-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	1076.2	22.	0.800	40.000	0.525	-50.000	0.214	0.234	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	0.193	1.08	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
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Extell 221 West 57th St



 DEPT OF BLDGS121328205 Job Number



 ES580644724 Scan Code N 1

REPORT- SV-A System Design Parameters for 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	5670.6	113.	0.800	40.000	0.525	-50.000	0.214	0.234	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	0.193	1.08	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
GESE Perim Zn (G.ESE11)	185.	0.	0.000	0.800	148.	0.00	0.00	4.06	-6.39	-5.13	1.
1MCore Zn (G.C8)	365.	0.	0.000	0.800	292.	0.00	0.00	8.01	-12.62	-10.13	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	62581.2	69.	0.000	432.000	0.792	-500.308	0.271	0.234	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	8.694	1.95	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCCore Zn (G.C10)	2545.	0.	0.000	0.001	0.	0.00	0.00	57.08	-54.98	-34.36	2.
6MCCore Zn (G.C8)	4355.	0.	0.000	0.001	0.	0.00	0.00	97.66	-94.06	-58.79	2.
6MCP1 Zn (G.11)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

Extell 221 West 57th St



 DEPT OF BLDGS121328205 Job Number



 ES758085834 Scan Code N 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	5673.3	23.	0.500	82.000	0.683	-110.000	0.233	0.254	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	0.731	1.33	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
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Extell 221 West 57th St



 DEPT OF BLDGS121328205 Job Number



 ES654005271 Scan Code N 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	4111.0	16.	0.600	93.000	0.688	-127.000	0.241	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	1650.	1.00	0.891	1.67	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
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Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES270710903 Scan Code N 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	1603.5	6.	0.600	82.000	0.683	-109.000	0.228	0.248	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	0.624	1.21	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
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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	63111.0	276.	0.000	82.000	0.683	-74.802	0.239	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	0.820	1.27	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
8ACore Zn (G.C4)	84.	0.	0.000	0.001	0.	0.00	0.00	1.88	-1.81	-1.13	2.
8ANNE Perim Zn (G.NNE5)	53.	0.	0.000	0.001	0.	0.00	0.00	1.18	-1.14	-0.71	2.
8ANNE Perim Zn (G.NNE7)	37.	0.	0.000	0.001	0.	0.00	0.00	0.82	-0.79	-0.50	2.
8ASW Perim Zn (G.SW9)	89.	0.	0.000	0.001	0.	0.00	0.00	2.00	-1.92	-1.20	2.
8AESE Perim Zn (G.ESE12)	64.	0.	0.000	0.001	0.	0.00	0.00	1.43	-1.38	-0.86	2.
10ASSW Perim Zn (G.SSW2)	31.	0.	0.000	0.001	0.	0.00	0.00	0.69	-0.67	-0.42	1.
10AESE Perim Zn (G.ESE4)	173.	0.	0.000	0.001	0.	0.00	0.00	3.89	-3.74	-2.34	1.
10ASSW Perim Zn (G.SSW7)	839.	0.	0.000	0.001	0.	0.00	0.00	18.82	-18.12	-11.33	1.
10AENE Perim Zn (G.ENE9)	305.	0.	0.000	0.001	0.	0.00	0.00	6.84	-6.58	-4.12	1.
6MC New Zn	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
8ANW Perim Zn (G.NW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
8ANNE Perim Zn (G.NNE3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
8ACore Zn (G.C6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
8ACore Zn (G.C8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
8AWSW Perim Zn (G.WSW10)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
8ASSW Perim Zn (G.SSW11)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
10AWN 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.
10AP1 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	3.
10MSSW Perim Zn (G.SSW2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
10MCore Zn (G.C3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
10MESE Perim Zn (G.ESE4)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
10MCore Zn (G.C5)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
10MESE Perim Zn (G.ESE6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
10MSSW Perim Zn (G.SSW7)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
10MNorth Perim Zn (G.N8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.
10MENE Perim Zn (G.ENE9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.

Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES510583740 Scan Code N 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	4122.3	16.	0.000	82.000	0.683	-74.802	0.239	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	1.020	1.58	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)	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	44.85	-43.20	-27.00	1.

REPORT- SV-A System Design Parameters for AC-12-1

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	7054.8	28.	0.000	117.000	0.769	-114.660	0.245	0.250	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	3800.	1.00	1.596	1.30	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
11MCWNW Perim Zn (G.WNW2)	253.	0.	0.000	0.001	0.	0.00	0.00	5.67	-5.46	-3.41	1.
11MCWSW Perim Zn (G.WSW5)	3547.	0.	0.000	0.001	0.	0.00	0.00	79.55	-76.62	-47.89	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.
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-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	102.000	0.735	-95.880	0.235	0.250	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	1.260	1.30	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
27MCCore Zn (G.C1)	112.	0.	0.000	0.001	0.	0.00	0.00	2.51	-2.42	-1.51	1.
27MCCore Zn (G.C2)	114.	0.	0.000	0.001	0.	0.00	0.00	2.56	-2.47	-1.54	1.
27MCCore Zn (G.C3)	145.	0.	0.000	0.001	0.	0.00	0.00	3.26	-3.13	-1.96	1.
27MCCore Zn (G.C4)	108.	0.	0.000	0.001	0.	0.00	0.00	2.43	-2.34	-1.46	1.
27MCCore Zn (G.C5)	406.	0.	0.000	0.001	0.	0.00	0.00	9.11	-8.77	-5.48	1.
27MCEast Perim Zn (G.E6)	613.	0.	0.000	0.001	0.	0.00	0.00	13.76	-13.25	-8.28	1.
27MCESE Perim Zn (G.ESE10)	531.	0.	0.000	0.001	0.	0.00	0.00	11.91	-11.47	-7.17	1.
27MCSW Perim Zn (G.SW11)	290.	0.	0.000	0.001	0.	0.00	0.00	6.51	-6.27	-3.92	1.
27MCSSW Perim Zn (G.SSW12)	432.	0.	0.000	0.001	0.	0.00	0.00	9.68	-9.33	-5.83	1.
27MCSouth Perim Zn (G.S13)	248.	0.	0.000	0.001	0.	0.00	0.00	5.56	-5.36	-3.35	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.

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	102.000	0.735	-95.880	0.235	0.250	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	1.260	1.30	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
46MCCore Zn (T.C27)	197.	0.	0.000	0.001	0.	0.00	0.00	4.42	-4.26	-2.66	1.
46MCCore Zn (T.C28)	251.	0.	0.000	0.001	0.	0.00	0.00	5.62	-5.42	-3.38	1.
46MCCore Zn (T.C29)	187.	0.	0.000	0.001	0.	0.00	0.00	4.20	-4.04	-2.53	1.
46MCCore Zn (T.C30)	702.	0.	0.000	0.001	0.	0.00	0.00	15.74	-15.16	-9.47	1.
46MCSSW Perim Zn (T.SSW36)	833.	0.	0.000	0.001	0.	0.00	0.00	18.67	-17.98	-11.24	1.
46MCSW Perim Zn (T.SW37)	830.	0.	0.000	0.001	0.	0.00	0.00	18.62	-17.94	-11.21	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.

Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES349266619 Scan Code N 1

REPORT- SV-A System Design Parameters for AC-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)
PVAVS	1.000	6019.2	24.	0.000	102.000	0.735	-95.880	0.235	0.250	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	1.260	1.30	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
67MCSW Perim Zn (G.SW3)	1500.	0.	0.000	0.001	0.	0.00	0.00	33.64	-32.40	-20.25	2.
67MCNNW Perim Zn (G.NNW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.

Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES212727265 Scan Code N 1

REPORT- SV-A System Design Parameters for 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	1482.5	6.	0.880	229.000	0.686	-300.000	0.237	0.196	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	1.360	1.05	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
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Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES327302280 Scan Code N 1

REPORT- SV-A System Design Parameters for AC-67-4

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	3708.6	15.	0.400	416.000	0.651	-145.000	0.249	0.188	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	8400.	1.00	5.712	2.10	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
67MCENE Perim Zn (G.ENE7)	1458.	0.	0.000	0.400	583.	0.00	0.00	32.33	-31.48	-40.43	2.

Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES443016961 Scan Code N 1

REPORT- SV-A System Design Parameters for AC-67M-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	1016.9	4.	1.000	147.000	0.571	-146.000	0.247	0.269	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	2200.	1.00	1.716	2.41	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
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Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES511787301 Scan Code N 1

REPORT- SV-A System Design Parameters for AC-67M-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	1706.7	7.	1.000	237.000	0.637	-331.000	0.211	0.129	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	4400.	1.00	1.892	1.33	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
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REPORT- SV-A System Design Parameters for AC-67M-6

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	2488.3	10.	0.000	92.000	0.674	-30.000	0.228	0.248	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	2400.	1.00	1.296	1.67	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
67MCCore Zn (G.C9)	177.	0.	0.000	0.001	0.	0.00	0.00	3.97	-3.83	-4.77	2.
67MCCore Zn (G.C10)	224.	0.	0.000	0.001	0.	0.00	0.00	5.03	-4.85	-6.05	2.
67MCCore Zn (G.C11)	549.	0.	0.000	0.001	0.	0.00	0.00	12.31	-11.85	-14.79	2.

Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES425364365 Scan Code N 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	3075.5	13.	0.000	255.000	0.769	-205.700	0.242	0.300	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	7500.	1.00	3.300	1.36	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
91SW Perim Zn (G.SW5)	874.	0.	0.000	0.001	0.	0.00	0.00	19.61	-18.89	-11.81	1.
91South Perim Zn (G.S6)	2246.	0.	0.000	0.001	0.	0.00	0.00	50.36	-48.51	-30.32	1.
91Core Zn (G.C7)	1133.	0.	0.000	0.001	0.	0.00	0.00	25.42	-24.48	-15.30	1.

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DEPT OF BLDGS121328205 Job Number

ES861942560 Scan Code N 1

REPORT- SV-A System Design Parameters for AC-96-1

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	2790.3	6.	0.000	144.000	0.847	-216.000	0.284	0.314	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	5400.	1.00	3.132	1.79	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
92West Perim Zn (G.W4)	3144.	0.	0.000	0.001	0.	0.00	0.00	60.91	-67.92	-84.75	1.
92South Perim Zn (G.S6)	2256.	0.	0.000	0.001	0.	0.00	0.00	43.69	-48.72	-60.80	1.

REPORT- SV-A System Design Parameters for 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	2074.4	9.	0.000	144.000	0.847	-216.000	0.284	0.314	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	5400.	1.00	3.132	1.79	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
91West Perim Zn (G.W4)	3283.	0.	0.000	0.001	0.	0.00	0.00	63.64	-70.91	-88.48	1.
92Core Zn (G.C7)	1061.	0.	0.000	0.001	0.	0.00	0.00	20.58	-22.93	-28.61	1.
92Core Zn (G.C8)	1056.	0.	0.000	0.001	0.	0.00	0.00	20.47	-22.81	-28.46	1.

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DEPT OF BLDGS121328205 Job Number

ES784199605 Scan Code N 1

REPORT- SV-A System Design Parameters for AC-96-3

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	24336.0	24.	0.000	176.000	0.750	-140.213	0.239	0.300	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	2.805	1.58	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
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Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES497328931 Scan Code N 1

REPORT- SV-A System Design Parameters for CRAC Sys

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	8653.2	173.	0.000	682.000	0.762	-509.227	0.224	0.300	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	23000.	1.00	11.730	1.58	0.0	0.00	0.00	DRAW-THRU	CYCLING	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
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Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES276638163 Scan Code N 1

REPORT- SV-A System Design Parameters for ERU-12-1

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	759.000	0.656	-653.000	0.228	0.161	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	5.510	1.17	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30
RETURN	14500.	1.00	11.455	2.44	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
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Extell 221 West 57th St



 DEPT OF BLDGS121328205 Job Number



 ES868938531 Scan Code N 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	500.000	0.660	-420.000	0.236	0.165	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	5.700	1.76	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30
RETURN	10000.	1.00	7.400	2.29	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
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Extell 221 West 57th St



 DEPT OF BLDGS121328205 Job Number



 ES525537211 Scan Code N 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	500.000	0.660	-420.000	0.233	0.165	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	5.500	1.70	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30
RETURN	10000.	1.00	7.400	2.29	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
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Extell 221 West 57th St



 DEPT OF BLDGS121328205 Job Number



 ES616448195 Scan Code N 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	500.000	0.660	-420.000	0.233	0.165	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	5.500	1.70	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30
RETURN	10000.	1.00	7.400	2.29	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
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Extell 221 West 57th St



 DEPT OF BLDGS121328205 Job Number



 ES625639453 Scan Code N 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	612.000	0.680	-575.000	0.210	0.168	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	5.520	1.42	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30
RETURN	12000.	1.00	9.600	2.47	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
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Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES976747657 Scan Code N 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	20000.0	0.	1.000	612.000	0.680	-575.000	0.210	0.168	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	5.640	1.45	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30
RETURN	12000.	1.00	9.600	2.47	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
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Extell 221 West 57th St



 DEPT OF BLDGS121328205 Job Number



 ES570300482 Scan Code N 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	20000.0	0.	1.000	612.000	0.680	-575.000	0.210	0.168	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	5.640	1.45	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30
RETURN	12000.	1.00	9.600	2.47	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
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Extell 221 West 57th St



 DEPT OF BLDGS121328205 Job Number



 ES086162012 Scan Code N 1

REPORT- SV-A System Design Parameters for ERU-96-1

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	612.000	0.680	-575.000	0.210	0.168	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	5.640	1.45	0.0	0.00	0.00	DRAW-THRU	CONSTANT	1.10	0.30
RETURN	12000.	1.00	9.600	2.47	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
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Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES077304945 Scan Code N 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	7621.7	152.	1.000	358.000	0.609	-529.000	0.249	0.219	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	8.540	3.77	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
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Extell 221 West 57th St



 DEPT OF BLDGS121328205 Job Number



 ES263058634 Scan Code N 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	6594.7	66.	1.000	644.000	0.637	-324.000	0.230	0.219	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	15.300	3.15	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
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Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES395424086 Scan Code N 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	6201.1	25.	1.000	604.000	0.614	-281.000	0.244	0.219	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	13.260	3.15	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)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
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Extell 221 West 57th St



 DEPT OF BLDGS121328205 Job Number



 ES842333154 Scan Code N 1

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	4571.8	5.	1.000	201.000	0.652	-227.000	0.224	0.219	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	3.000	3.09	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
1519Core Zn (M.C19)	429.	0.	0.000	1.000	429.	0.00	0.00	9.36	0.00	-2.64	5.
1519Core Zn (G.C5)	429.	0.	0.000	1.000	429.	0.00	0.00	9.36	0.00	-2.64	1.

Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES783501487 Scan Code N 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	201.000	0.652	-227.000	0.229	0.219	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	3.000	3.09	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
2026Core Zn (G.C5)	429.	0.	0.000	1.000	429.	0.00	0.00	9.36	0.00	-2.64	1.
2026Core Zn (M.C19)	429.	0.	0.000	1.000	429.	0.00	0.00	9.36	0.00	-2.64	5.

Extell 221 West 57th St



 DEPT OF BLDGS121328205 Job Number



 ES188777799 Scan Code N 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	201.000	0.652	-227.000	0.224	0.219	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	3.000	3.09	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
28Core Zn (G.C4)	167.	0.	0.000	1.000	167.	0.00	0.00	3.64	0.00	-1.03	1.
2936Core Zn (M.C17)	167.	0.	0.000	1.000	167.	0.00	0.00	3.64	0.00	-1.03	8.
3744Core Zn (M.C17)	167.	0.	0.000	1.000	167.	0.00	0.00	3.64	0.00	-1.03	8.

Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES565853070 Scan Code N 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	263.000	0.627	-284.000	0.221	0.219	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	3.825	3.15	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
4856Core Zn (M.C25)	197.	0.	0.000	1.000	197.	0.00	0.00	4.31	0.00	-1.22	9.
5765Core Zn (M.C25)	197.	0.	0.000	1.000	197.	0.00	0.00	4.31	0.00	-1.22	9.

Extell 221 West 57th St

DEPT OF BLDGS121328205 Job Number

ES725341692 Scan Code N 1

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	12943333. KWH	2600030.	0.2009	YES
Gas Rate ConEd SC3	NATURAL-GAS	FM1	227328. THERM	243010.	1.0690	YES
ConEd SC1-Rate I	ELECTRICITY	EM3-	3439772. KWH	739382.	0.2150	YES
				=====		
				3582422.		

ENERGY COST/GROSS BLDG AREA: 2.92