

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	16950816. KWH	3457110.	0.2039	YES
Gas Rate ConEd SC3	NATURAL-GAS	FM1	283929. THERM	302181.	1.0643	YES
ConEd SC1-Rate I	ELECTRICITY	EM3-	4003362. KWH	850937.	0.2126	YES
				=====		
				4610228.		
ENERGY COST/GROSS BLDG AREA:				4.24		
ENERGY COST/NET BLDG AREA:				4.24		

in space: SC2Core Spc (B.C10)

in space: CSW Perim Spc (B.SW5)

in space: GNNE Perim Spc (G.NNE15)

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- New York CityNY TMY2

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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	AREA	U-VALUE	AREA	U-VALUE	AREA	
	(BTU/HR-SQFT-F)	(SQFT)	(BTU/HR-SQFT-F)	(SQFT)	(BTU/HR-SQFT-F)	(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
in space: GCore Spc (G.C17)							

REPORT- LV-F Details of Interior Surfaces

WEATHER FILE- New York CityNY TMY2

(CONTINUED)

ADJACENT SPACES		
SURFACE NAME	SPACE-1	SPACE-2
2026Ceiling (T.E34.I137)	2026East Perim Spc (T.E34)	2026Plnm (T.42)
2026Flr (T.WNW35.I138)	2026WNW Perim Spc (T.WNW35)	2026Plnm (M.28)
2026Ceiling (T.WNW35.I139)	2026WNW Perim Spc (T.WNW35)	2026Plnm (T.42)
2026Flr (T.NNE36.I140)	2026NNE Perim Spc (T.NNE36)	2026Plnm (M.28)
2026ESE Wall (T.NNE36.I141)	2026NNE Perim Spc (T.NNE36)	2026East Perim Spc (T.E34)
2026WNW Wall (T.NNE36.I142)	2026NNE Perim Spc (T.NNE36)	2026WNW Perim Spc (T.WNW35)
2026Ceiling (T.NNE36.I143)	2026NNE Perim Spc (T.NNE36)	2026Plnm (T.42)
2026Flr (T.WNW37.I144)	2026WNW Perim Spc (T.WNW37)	2026Plnm (M.28)
2026SSW Wall (T.WNW37.I145)	2026WNW Perim Spc (T.WNW37)	2026SSW Perim Spc (T.SSW40)
2026NNE Wall (T.WNW37.I146)	2026WNW Perim Spc (T.WNW37)	2026Core Spc (T.C29)
2026ESE Wall (T.WNW37.I147)	2026WNW Perim Spc (T.WNW37)	2026Core Spc (T.C29)
2026NNE Wall (T.WNW37.I148)	2026WNW Perim Spc (T.WNW37)	2026NNE Perim Spc (T.NNE36)
2026Ceiling (T.WNW37.I149)	2026WNW Perim Spc (T.WNW37)	2026Plnm (T.42)
2026Flr (T.ESE38.I150)	2026ESE Perim Spc (T.ESE38)	2026Plnm (M.28)
2026NNE Wall (T.ESE38.I151)	2026ESE Perim Spc (T.ESE38)	2026East Perim Spc (T.E34)
2026SSW Wall (T.ESE38.I152)	2026ESE Perim Spc (T.ESE38)	2026South Perim Spc (T.S41)
2026Ceiling (T.ESE38.I153)	2026ESE Perim Spc (T.ESE38)	2026Plnm (T.42)
2026Flr (T.SW39.I154)	2026SW Perim Spc (T.SW39)	2026Plnm (M.28)
2026NNE Wall (T.SW39.I155)	2026SW Perim Spc (T.SW39)	2026WNW Perim Spc (T.WNW37)
2026Ceiling (T.SW39.I156)	2026SW Perim Spc (T.SW39)	2026Plnm (T.42)
2026Flr (T.SSW40.I157)	2026SSW Perim Spc (T.SSW40)	2026Plnm (M.28)
2026ESE Wall (T.SSW40.I158)	2026SSW Perim Spc (T.SSW40)	2026South Perim Spc (T.S41)
2026WNW Wall (T.SSW40.I159)	2026SSW Perim Spc (T.SSW40)	2026SW Perim Spc (T.SW39)
2026Ceiling (T.SSW40.I160)	2026SSW Perim Spc (T.SSW40)	2026Plnm (T.42)
2026Flr (T.S41.I161)	2026South Perim Spc (T.S41)	2026Plnm (M.28)
2026Ceiling (T.S41.I162)	2026South Perim Spc (T.S41)	2026Plnm (T.42)
27MCFlr (G.C1.I1)	27MCCore Spc (G.C1)	
27MCESE Wall (G.C1.I2)	27MCCore Spc (G.C1)	27MCCore Spc (G.C2)
27MCNNE Wall (G.C1.I3)	27MCCore Spc (G.C1)	27MCNNE Perim Spc (G.NNE8)
27MCFlr (G.C2.I4)	27MCCore Spc (G.C2)	
27MCNNE Wall (G.C2.I5)	27MCCore Spc (G.C2)	27MCNNE Perim Spc (G.NNE8)
27MCFlr (G.C3.I6)	27MCCore Spc (G.C3)	
27MCSSW Wall (G.C3.I7)	27MCCore Spc (G.C3)	27MCSSW Perim Spc (G.SSW12)
27MCWNW Wall (G.C3.I8)	27MCCore Spc (G.C3)	27MCWNW Perim Spc (G.WNW9)
27MCFlr (G.C4.I9)	27MCCore Spc (G.C4)	
27MCSSW Wall (G.C4.I10)	27MCCore Spc (G.C4)	27MCSSW Perim Spc (G.SSW12)
27MCESE Wall (G.C4.I11)	27MCCore Spc (G.C4)	27MCESE Perim Spc (G.ESE10)
27MCFlr (G.C5.I12)	27MCCore Spc (G.C5)	
27MCSSW Wall (G.C5.I13)	27MCCore Spc (G.C5)	27MCCore Spc (G.C3)
27MCWNW Wall (G.C5.I14)	27MCCore Spc (G.C5)	27MCCore Spc (G.C3)
27MCSSW Wall (G.C5.I15)	27MCCore Spc (G.C5)	27MCSSW Perim Spc (G.SSW12)
27MCESE Wall (G.C5.I16)	27MCCore Spc (G.C5)	27MCCore Spc (G.C4)
27MCSSW Wall (G.C5.I17)	27MCCore Spc (G.C5)	27MCCore Spc (G.C4)
27MCESE Wall (G.C5.I18)	27MCCore Spc (G.C5)	27MCESE Perim Spc (G.ESE10)
27MCNNE Wall (G.C5.I19)	27MCCore Spc (G.C5)	27MCNNE Perim Spc (G.NNE8)
27MCWNW Wall (G.C5.I20)	27MCCore Spc (G.C5)	27MCCore Spc (G.C2)
27MCNNE Wall (G.C5.I21)	27MCCore Spc (G.C5)	27MCCore Spc (G.C2)
27MCWNW Wall (G.C5.I22)	27MCCore Spc (G.C5)	27MCWNW Perim Spc (G.WNW9)
27MCFlr (G.E6.I23)	27MCEast Perim Spc (G.E6)	
27MCFlr (G.WNW7.I24)	27MCWNW Perim Spc (G.WNW7)	
27MCFlr (G.NNE8.I25)	27MCNNE Perim Spc (G.NNE8)	
27MCESE Wall (G.NNE8.I26)	27MCNNE Perim Spc (G.NNE8)	27MCEast Perim Spc (G.E6)
27MCWNW Wall (G.NNE8.I27)	27MCNNE Perim Spc (G.NNE8)	27MCWNW Perim Spc (G.WNW7)
27MCFlr (G.WNW9.I28)	27MCWNW Perim Spc (G.WNW9)	

REPORT- LV-F Details of Interior Surfaces

WEATHER FILE- New York CityNY TMY2

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SURFACE NAME	ADJACENT SPACES	
	SPACE-1	SPACE-2
27MCSSW Wall (G.WNW9.I29)	27MCWNW Perim Spc (G.WNW9)	27MCSSW Perim Spc (G.SSW12)
27MCNNE Wall (G.WNW9.I30)	27MCWNW Perim Spc (G.WNW9)	27MCCore Spc (G.C1)
27MCESE Wall (G.WNW9.I31)	27MCWNW Perim Spc (G.WNW9)	27MCCore Spc (G.C1)
27MCNNE Wall (G.WNW9.I32)	27MCWNW Perim Spc (G.WNW9)	27MCNNE Perim Spc (G.NNE8)
27MCFIrr (G.ESE10.I33)	27MCESE Perim Spc (G.ESE10)	
27MCNNE Wall (G.ESE10.I34)	27MCESE Perim Spc (G.ESE10)	27MCEast Perim Spc (G.E6)
27MCSSW Wall (G.ESE10.I35)	27MCESE Perim Spc (G.ESE10)	27MCSouth Perim Spc (G.S13)
27MCFIrr (G.SW11.I36)	27MCSW Perim Spc (G.SW11)	
27MCNNE Wall (G.SW11.I37)	27MCSW Perim Spc (G.SW11)	27MCWNW Perim Spc (G.WNW9)
27MCFIrr (G.SSW12.I38)	27MCSSW Perim Spc (G.SSW12)	
27MCESE Wall (G.SSW12.I39)	27MCSSW Perim Spc (G.SSW12)	27MCSouth Perim Spc (G.S13)
27MCWNW Wall (G.SSW12.I40)	27MCSSW Perim Spc (G.SSW12)	27MCSW Perim Spc (G.SW11)
27MCFIrr (G.S13.I41)	27MCSouth Perim Spc (G.S13)	
28F1rr (G.C1.I1)	28Core Spc (G.C1)	
28NNE Wall (G.C1.I2)	28Core Spc (G.C1)	28NNE Perim Spc (G.NNE6)
28WNW Wall (G.C1.I3)	28Core Spc (G.C1)	28WNW Perim Spc (G.WNW12)
28Ceiling (G.C1.I4)	28Core Spc (G.C1)	28Plnm (G.13)
28F1rr (G.C2.I5)	28Core Spc (G.C2)	
28SSW Wall (G.C2.I6)	28Core Spc (G.C2)	28SSW Perim Spc (G.SSW10)
28WNW Wall (G.C2.I7)	28Core Spc (G.C2)	28WNW Perim Spc (G.WNW12)
28Ceiling (G.C2.I8)	28Core Spc (G.C2)	28Plnm (G.13)
28F1rr (G.C3.I9)	28Core Spc (G.C3)	
28SSW Wall (G.C3.I10)	28Core Spc (G.C3)	28SSW Perim Spc (G.SSW10)
28ESE Wall (G.C3.I11)	28Core Spc (G.C3)	28ESE Perim Spc (G.ESE8)
28Ceiling (G.C3.I12)	28Core Spc (G.C3)	28Plnm (G.13)
28F1rr (G.C4.I13)	28Core Spc (G.C4)	
28SSW Wall (G.C4.I14)	28Core Spc (G.C4)	28Core Spc (G.C2)
28WNW Wall (G.C4.I15)	28Core Spc (G.C4)	28Core Spc (G.C2)
28SSW Wall (G.C4.I16)	28Core Spc (G.C4)	28SSW Perim Spc (G.SSW10)
28ESE Wall (G.C4.I17)	28Core Spc (G.C4)	28Core Spc (G.C3)
28SSW Wall (G.C4.I18)	28Core Spc (G.C4)	28Core Spc (G.C3)
28ESE Wall (G.C4.I19)	28Core Spc (G.C4)	28ESE Perim Spc (G.ESE8)
28NNE Wall (G.C4.I20)	28Core Spc (G.C4)	28NNE Perim Spc (G.NNE6)
28WNW Wall (G.C4.I21)	28Core Spc (G.C4)	28Core Spc (G.C1)
28NNE Wall (G.C4.I22)	28Core Spc (G.C4)	28Core Spc (G.C1)
28WNW Wall (G.C4.I23)	28Core Spc (G.C4)	28WNW Perim Spc (G.WNW12)
28Ceiling (G.C4.I24)	28Core Spc (G.C4)	28Plnm (G.13)
28F1rr (G.NNW5.I25)	28NNW Perim Spc (G.NNW5)	
28Ceiling (G.NNW5.I26)	28NNW Perim Spc (G.NNW5)	28Plnm (G.13)
28F1rr (G.NNE6.I27)	28NNE Perim Spc (G.NNE6)	
28WNW Wall (G.NNE6.I28)	28NNE Perim Spc (G.NNE6)	28NNW Perim Spc (G.NNW5)
28ESE Wall (G.NNE6.I29)	28NNE Perim Spc (G.NNE6)	28East Perim Spc (G.E7)
28Ceiling (G.NNE6.I30)	28NNE Perim Spc (G.NNE6)	28Plnm (G.13)
28F1rr (G.E7.I31)	28East Perim Spc (G.E7)	
28Ceiling (G.E7.I32)	28East Perim Spc (G.E7)	28Plnm (G.13)
28F1rr (G.ESE8.I33)	28ESE Perim Spc (G.ESE8)	
28NNE Wall (G.ESE8.I34)	28ESE Perim Spc (G.ESE8)	28East Perim Spc (G.E7)
28SSW Wall (G.ESE8.I35)	28ESE Perim Spc (G.ESE8)	28South Perim Spc (G.S9)
28Ceiling (G.ESE8.I36)	28ESE Perim Spc (G.ESE8)	28Plnm (G.13)
28F1rr (G.S9.I37)	28South Perim Spc (G.S9)	
28Ceiling (G.S9.I38)	28South Perim Spc (G.S9)	28Plnm (G.13)
28F1rr (G.SSW10.I39)	28SSW Perim Spc (G.SSW10)	
28ESE Wall (G.SSW10.I40)	28SSW Perim Spc (G.SSW10)	28South Perim Spc (G.S9)
28WNW Wall (G.SSW10.I41)	28SSW Perim Spc (G.SSW10)	28SW Perim Spc (G.SW11)

REPORT- LV-F Details of Interior Surfaces

WEATHER FILE- New York CityNY TMY2

(CONTINUED)

SURFACE NAME	ADJACENT SPACES	
	SPACE-1	SPACE-2
28Ceiling (G.SSW10.I42)	28SSW Perim Spc (G.SSW10)	28Plnm (G.13)
28Flr (G.SW11.I43)	28SW Perim Spc (G.SW11)	
28Ceiling (G.SW11.I44)	28SW Perim Spc (G.SW11)	28Plnm (G.13)
28Flr (G.WNW12.I45)	28WNW Perim Spc (G.WNW12)	
28SSW Wall (G.WNW12.I46)	28WNW Perim Spc (G.WNW12)	28SW Perim Spc (G.SW11)
28NNE Wall (G.WNW12.I47)	28WNW Perim Spc (G.WNW12)	28NNW Perim Spc (G.NNW5)
28Ceiling (G.WNW12.I48)	28WNW Perim Spc (G.WNW12)	28Plnm (G.13)
2936Flr (M.C14.I49)	2936Core Spc (M.C14)	28Plnm (G.13)
2936NNE Wall (M.C14.I50)	2936Core Spc (M.C14)	2936NNE Perim Spc (M.NNE19)
2936WNW Wall (M.C14.I51)	2936Core Spc (M.C14)	2936WNW Perim Spc (M.WNW25)
2936Ceiling (M.C14.I52)	2936Core Spc (M.C14)	2936Plnm (M.26)
2936Flr (M.C15.I53)	2936Core Spc (M.C15)	28Plnm (G.13)
2936SSW Wall (M.C15.I54)	2936Core Spc (M.C15)	2936SSW Perim Spc (M.SSW23)
2936WNW Wall (M.C15.I55)	2936Core Spc (M.C15)	2936WNW Perim Spc (M.WNW25)
2936Ceiling (M.C15.I56)	2936Core Spc (M.C15)	2936Plnm (M.26)
2936Flr (M.C16.I57)	2936Core Spc (M.C16)	28Plnm (G.13)
2936SSW Wall (M.C16.I58)	2936Core Spc (M.C16)	2936SSW Perim Spc (M.SSW23)
2936ESE Wall (M.C16.I59)	2936Core Spc (M.C16)	2936ESE Perim Spc (M.ESE21)
2936Ceiling (M.C16.I60)	2936Core Spc (M.C16)	2936Plnm (M.26)
2936Flr (M.C17.I61)	2936Core Spc (M.C17)	28Plnm (G.13)
2936SSW Wall (M.C17.I62)	2936Core Spc (M.C17)	2936Core Spc (M.C15)
2936WNW Wall (M.C17.I63)	2936Core Spc (M.C17)	2936Core Spc (M.C15)
2936SSW Wall (M.C17.I64)	2936Core Spc (M.C17)	2936SSW Perim Spc (M.SSW23)
2936ESE Wall (M.C17.I65)	2936Core Spc (M.C17)	2936Core Spc (M.C16)
2936SSW Wall (M.C17.I66)	2936Core Spc (M.C17)	2936Core Spc (M.C16)
2936ESE Wall (M.C17.I67)	2936Core Spc (M.C17)	2936ESE Perim Spc (M.ESE21)
2936NNE Wall (M.C17.I68)	2936Core Spc (M.C17)	2936NNE Perim Spc (M.NNE19)
2936WNW Wall (M.C17.I69)	2936Core Spc (M.C17)	2936Core Spc (M.C14)
2936NNE Wall (M.C17.I70)	2936Core Spc (M.C17)	2936Core Spc (M.C14)
2936WNW Wall (M.C17.I71)	2936Core Spc (M.C17)	2936WNW Perim Spc (M.WNW25)
2936Ceiling (M.C17.I72)	2936Core Spc (M.C17)	2936Plnm (M.26)
2936Flr (M.NNW18.I73)	2936NNW Perim Spc (M.NNW18)	28Plnm (G.13)
2936Ceiling (M.NNW18.I74)	2936NNW Perim Spc (M.NNW18)	2936Plnm (M.26)
2936Flr (M.NNE19.I75)	2936NNE Perim Spc (M.NNE19)	28Plnm (G.13)
2936WNW Wall (M.NNE19.I76)	2936NNE Perim Spc (M.NNE19)	2936NNW Perim Spc (M.NNW18)
2936ESE Wall (M.NNE19.I77)	2936NNE Perim Spc (M.NNE19)	2936East Perim Spc (M.E20)
2936Ceiling (M.NNE19.I78)	2936NNE Perim Spc (M.NNE19)	2936Plnm (M.26)
2936Flr (M.E20.I79)	2936East Perim Spc (M.E20)	28Plnm (G.13)
2936Ceiling (M.E20.I80)	2936East Perim Spc (M.E20)	2936Plnm (M.26)
2936Flr (M.ESE21.I81)	2936ESE Perim Spc (M.ESE21)	28Plnm (G.13)
2936NNE Wall (M.ESE21.I82)	2936ESE Perim Spc (M.ESE21)	2936East Perim Spc (M.E20)
2936SSW Wall (M.ESE21.I83)	2936ESE Perim Spc (M.ESE21)	2936South Perim Spc (M.S22)
2936Ceiling (M.ESE21.I84)	2936ESE Perim Spc (M.ESE21)	2936Plnm (M.26)
2936Flr (M.S22.I85)	2936South Perim Spc (M.S22)	28Plnm (G.13)
2936Ceiling (M.S22.I86)	2936South Perim Spc (M.S22)	2936Plnm (M.26)
2936Flr (M.SSW23.I87)	2936SSW Perim Spc (M.SSW23)	28Plnm (G.13)
2936ESE Wall (M.SSW23.I88)	2936SSW Perim Spc (M.SSW23)	2936South Perim Spc (M.S22)
2936WNW Wall (M.SSW23.I89)	2936SSW Perim Spc (M.SSW23)	2936SW Perim Spc (M.SW24)
2936Ceiling (M.SSW23.I90)	2936SSW Perim Spc (M.SSW23)	2936Plnm (M.26)
2936Flr (M.SW24.I91)	2936SW Perim Spc (M.SW24)	28Plnm (G.13)
2936Ceiling (M.SW24.I92)	2936SW Perim Spc (M.SW24)	2936Plnm (M.26)
2936Flr (M.WNW25.I93)	2936WNW Perim Spc (M.WNW25)	28Plnm (G.13)
2936SSW Wall (M.WNW25.I94)	2936WNW Perim Spc (M.WNW25)	2936SW Perim Spc (M.SW24)
2936NNE Wall (M.WNW25.I95)	2936WNW Perim Spc (M.WNW25)	2936NNW Perim Spc (M.NNW18)

REPORT- LV-F Details of Interior Surfaces

WEATHER FILE- New York CityNY TMY2

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SURFACE NAME	ADJACENT SPACES	
	SPACE-1	SPACE-2
2936Ceiling (M.WNW25.I96)	2936WNW Perim Spc (M.WNW25)	2936Plnm (M.26)
3744Flr (M.C14.I49)	3744Core Spc (M.C14)	3744Plnm (M.26)
3744NNE Wall (M.C14.I50)	3744Core Spc (M.C14)	3744NNE Perim Spc (M.NNE19)
3744WNW Wall (M.C14.I51)	3744Core Spc (M.C14)	3744WNW Perim Spc (M.WNW25)
3744Ceiling (M.C14.I52)	3744Core Spc (M.C14)	3744Plnm (M.26)
3744Flr (M.C15.I53)	3744Core Spc (M.C15)	3744Plnm (M.26)
3744SSW Wall (M.C15.I54)	3744Core Spc (M.C15)	3744SSW Perim Spc (M.SSW23)
3744WNW Wall (M.C15.I55)	3744Core Spc (M.C15)	3744WNW Perim Spc (M.WNW25)
3744Ceiling (M.C15.I56)	3744Core Spc (M.C15)	3744Plnm (M.26)
3744Flr (M.C16.I57)	3744Core Spc (M.C16)	3744Plnm (M.26)
3744SSW Wall (M.C16.I58)	3744Core Spc (M.C16)	3744SSW Perim Spc (M.SSW23)
3744ESE Wall (M.C16.I59)	3744Core Spc (M.C16)	3744ESE Perim Spc (M.ESE21)
3744Ceiling (M.C16.I60)	3744Core Spc (M.C16)	3744Plnm (M.26)
3744Flr (M.C17.I61)	3744Core Spc (M.C17)	3744Plnm (M.26)
3744SSW Wall (M.C17.I62)	3744Core Spc (M.C17)	3744Core Spc (M.C15)
3744WNW Wall (M.C17.I63)	3744Core Spc (M.C17)	3744Core Spc (M.C15)
3744SSW Wall (M.C17.I64)	3744Core Spc (M.C17)	3744SSW Perim Spc (M.SSW23)
3744ESE Wall (M.C17.I65)	3744Core Spc (M.C17)	3744Core Spc (M.C16)
3744SSW Wall (M.C17.I66)	3744Core Spc (M.C17)	3744Core Spc (M.C16)
3744ESE Wall (M.C17.I67)	3744Core Spc (M.C17)	3744ESE Perim Spc (M.ESE21)
3744NNE Wall (M.C17.I68)	3744Core Spc (M.C17)	3744NNE Perim Spc (M.NNE19)
3744WNW Wall (M.C17.I69)	3744Core Spc (M.C17)	3744Core Spc (M.C14)
3744NNE Wall (M.C17.I70)	3744Core Spc (M.C17)	3744Core Spc (M.C14)
3744WNW Wall (M.C17.I71)	3744Core Spc (M.C17)	3744WNW Perim Spc (M.WNW25)
3744Ceiling (M.C17.I72)	3744Core Spc (M.C17)	3744Plnm (M.26)
3744Flr (M.NNW18.I73)	3744NNW Perim Spc (M.NNW18)	3744Plnm (M.26)
3744Ceiling (M.NNW18.I74)	3744NNW Perim Spc (M.NNW18)	3744Plnm (M.26)
3744Flr (M.NNE19.I75)	3744NNE Perim Spc (M.NNE19)	3744Plnm (M.26)
3744WNW Wall (M.NNE19.I76)	3744NNE Perim Spc (M.NNE19)	3744NNW Perim Spc (M.NNW18)
3744ESE Wall (M.NNE19.I77)	3744NNE Perim Spc (M.NNE19)	3744East Perim Spc (M.E20)
3744Ceiling (M.NNE19.I78)	3744NNE Perim Spc (M.NNE19)	3744Plnm (M.26)
3744Flr (M.E20.I79)	3744East Perim Spc (M.E20)	3744Plnm (M.26)
3744Ceiling (M.E20.I80)	3744East Perim Spc (M.E20)	3744Plnm (M.26)
3744Flr (M.ESE21.I81)	3744ESE Perim Spc (M.ESE21)	3744Plnm (M.26)
3744NNE Wall (M.ESE21.I82)	3744ESE Perim Spc (M.ESE21)	3744East Perim Spc (M.E20)
3744SSW Wall (M.ESE21.I83)	3744ESE Perim Spc (M.ESE21)	3744South Perim Spc (M.S22)
3744Ceiling (M.ESE21.I84)	3744ESE Perim Spc (M.ESE21)	3744Plnm (M.26)
3744Flr (M.S22.I85)	3744South Perim Spc (M.S22)	3744Plnm (M.26)
3744Ceiling (M.S22.I86)	3744South Perim Spc (M.S22)	3744Plnm (M.26)
3744Flr (M.SSW23.I87)	3744SSW Perim Spc (M.SSW23)	3744Plnm (M.26)
3744ESE Wall (M.SSW23.I88)	3744SSW Perim Spc (M.SSW23)	3744South Perim Spc (M.S22)
3744WNW Wall (M.SSW23.I89)	3744SSW Perim Spc (M.SSW23)	3744SW Perim Spc (M.SW24)
3744Ceiling (M.SSW23.I90)	3744SSW Perim Spc (M.SSW23)	3744Plnm (M.26)
3744Flr (M.SW24.I91)	3744SW Perim Spc (M.SW24)	3744Plnm (M.26)
3744Ceiling (M.SW24.I92)	3744SW Perim Spc (M.SW24)	3744Plnm (M.26)
3744Flr (M.WNW25.I93)	3744WNW Perim Spc (M.WNW25)	3744Plnm (M.26)
3744SSW Wall (M.WNW25.I94)	3744WNW Perim Spc (M.WNW25)	3744SW Perim Spc (M.SW24)
3744NNE Wall (M.WNW25.I95)	3744WNW Perim Spc (M.WNW25)	3744NNW Perim Spc (M.NNW18)
3744Ceiling (M.WNW25.I96)	3744WNW Perim Spc (M.WNW25)	3744Plnm (M.26)
45Flr (T.C27.I97)	45Core Spc (T.C27)	45Plnm (T.39)
45NNE Wall (T.C27.I98)	45Core Spc (T.C27)	45NNE Perim Spc (T.NNE32)
45WNW Wall (T.C27.I99)	45Core Spc (T.C27)	45WNW Perim Spc (T.WNW38)
45Ceiling (T.C27.I100)	45Core Spc (T.C27)	45Plnm (T.39)
45Flr (T.C28.I101)	45Core Spc (T.C28)	45Plnm (T.39)

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SURFACE NAME	ADJACENT SPACES	
	SPACE-1	SPACE-2
45SSW Wall (T.C28.I102)	45Core Spc (T.C28)	45SSW Perim Spc (T.SSW36)
45WNW Wall (T.C28.I103)	45Core Spc (T.C28)	45WNW Perim Spc (T.WNW38)
45Ceiling (T.C28.I104)	45Core Spc (T.C28)	45Plnm (T.39)
45Flr (T.C29.I105)	45Core Spc (T.C29)	45Plnm (T.39)
45SSW Wall (T.C29.I106)	45Core Spc (T.C29)	45SSW Perim Spc (T.SSW36)
45ESE Wall (T.C29.I107)	45Core Spc (T.C29)	45ESE Perim Spc (T.ESE34)
45Ceiling (T.C29.I108)	45Core Spc (T.C29)	45Plnm (T.39)
45Flr (T.C30.I109)	45Core Spc (T.C30)	45Plnm (T.39)
45SSW Wall (T.C30.I110)	45Core Spc (T.C30)	45Core Spc (T.C28)
45WNW Wall (T.C30.I111)	45Core Spc (T.C30)	45Core Spc (T.C28)
45SSW Wall (T.C30.I112)	45Core Spc (T.C30)	45SSW Perim Spc (T.SSW36)
45ESE Wall (T.C30.I113)	45Core Spc (T.C30)	45Core Spc (T.C29)
45SSW Wall (T.C30.I114)	45Core Spc (T.C30)	45Core Spc (T.C29)
45ESE Wall (T.C30.I115)	45Core Spc (T.C30)	45ESE Perim Spc (T.ESE34)
45NNE Wall (T.C30.I116)	45Core Spc (T.C30)	45NNE Perim Spc (T.NNE32)
45WNW Wall (T.C30.I117)	45Core Spc (T.C30)	45Core Spc (T.C27)
45NNE Wall (T.C30.I118)	45Core Spc (T.C30)	45Core Spc (T.C27)
45WNW Wall (T.C30.I119)	45Core Spc (T.C30)	45WNW Perim Spc (T.WNW38)
45Ceiling (T.C30.I120)	45Core Spc (T.C30)	45Plnm (T.39)
45Flr (T.NNW31.I121)	45NNW Perim Spc (T.NNW31)	45Plnm (T.39)
45Ceiling (T.NNW31.I122)	45NNW Perim Spc (T.NNW31)	45Plnm (T.39)
45Flr (T.NNE32.I123)	45NNE Perim Spc (T.NNE32)	45Plnm (T.39)
45WNW Wall (T.NNE32.I124)	45NNE Perim Spc (T.NNE32)	45NNW Perim Spc (T.NNW31)
45ESE Wall (T.NNE32.I125)	45NNE Perim Spc (T.NNE32)	45East Perim Spc (T.E33)
45Ceiling (T.NNE32.I126)	45NNE Perim Spc (T.NNE32)	45Plnm (T.39)
45Flr (T.E33.I127)	45East Perim Spc (T.E33)	45Plnm (T.39)
45Ceiling (T.E33.I128)	45East Perim Spc (T.E33)	45Plnm (T.39)
45Flr (T.ESE34.I129)	45ESE Perim Spc (T.ESE34)	45Plnm (T.39)
45NNE Wall (T.ESE34.I130)	45ESE Perim Spc (T.ESE34)	45East Perim Spc (T.E33)
45SSW Wall (T.ESE34.I131)	45ESE Perim Spc (T.ESE34)	45South Perim Spc (T.S35)
45Ceiling (T.ESE34.I132)	45ESE Perim Spc (T.ESE34)	45Plnm (T.39)
45Flr (T.S35.I133)	45South Perim Spc (T.S35)	45Plnm (T.39)
45Ceiling (T.S35.I134)	45South Perim Spc (T.S35)	45Plnm (T.39)
45Flr (T.SSW36.I135)	45SSW Perim Spc (T.SSW36)	45Plnm (T.39)
45ESE Wall (T.SSW36.I136)	45SSW Perim Spc (T.SSW36)	45South Perim Spc (T.S35)
45WNW Wall (T.SSW36.I137)	45SSW Perim Spc (T.SSW36)	45SW Perim Spc (T.SW37)
45Ceiling (T.SSW36.I138)	45SSW Perim Spc (T.SSW36)	45Plnm (T.39)
45Flr (T.SW37.I139)	45SW Perim Spc (T.SW37)	45Plnm (T.39)
45Ceiling (T.SW37.I140)	45SW Perim Spc (T.SW37)	45Plnm (T.39)
45Flr (T.WNW38.I141)	45WNW Perim Spc (T.WNW38)	45Plnm (T.39)
45SSW Wall (T.WNW38.I142)	45WNW Perim Spc (T.WNW38)	45SW Perim Spc (T.SW37)
45NNE Wall (T.WNW38.I143)	45WNW Perim Spc (T.WNW38)	45NNW Perim Spc (T.NNW31)
45Ceiling (T.WNW38.I144)	45WNW Perim Spc (T.WNW38)	45Plnm (T.39)
46MCFlr (T.C27.I97)	46MCCore Spc (T.C27)	46MCPlnm (T.39)
46MCNNE Wall (T.C27.I98)	46MCCore Spc (T.C27)	46MCNNE Perim Spc (T.NNE32)
46MCWNW Wall (T.C27.I99)	46MCCore Spc (T.C27)	46MCWNW Perim Spc (T.WNW38)
46MCCeiling (T.C27.I100)	46MCCore Spc (T.C27)	46MCPlnm (T.39)
46MCFlr (T.C28.I101)	46MCCore Spc (T.C28)	46MCPlnm (T.39)
46MCSSW Wall (T.C28.I102)	46MCCore Spc (T.C28)	46MCSSW Perim Spc (T.SSW36)
46MCWNW Wall (T.C28.I103)	46MCCore Spc (T.C28)	46MCWNW Perim Spc (T.WNW38)
46MCCeiling (T.C28.I104)	46MCCore Spc (T.C28)	46MCPlnm (T.39)
46MCFlr (T.C29.I105)	46MCCore Spc (T.C29)	46MCPlnm (T.39)
46MCSSW Wall (T.C29.I106)	46MCCore Spc (T.C29)	46MCSSW Perim Spc (T.SSW36)
46MCESE Wall (T.C29.I107)	46MCCore Spc (T.C29)	46MCESE Perim Spc (T.ESE34)

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SURFACE NAME	ADJACENT SPACES	
	SPACE-1	SPACE-2
46MCCeiling (T.C29.I108)	46MCCore Spc (T.C29)	46MCPlnm (T.39)
46MCFlr (T.C30.I109)	46MCCore Spc (T.C30)	46MCPlnm (T.39)
46MCSSW Wall (T.C30.I110)	46MCCore Spc (T.C30)	46MCCore Spc (T.C28)
46MCWNW Wall (T.C30.I111)	46MCCore Spc (T.C30)	46MCCore Spc (T.C28)
46MCSSW Wall (T.C30.I112)	46MCCore Spc (T.C30)	46MCSSW Perim Spc (T.SSW36)
46MCESE Wall (T.C30.I113)	46MCCore Spc (T.C30)	46MCCore Spc (T.C29)
46MCSSW Wall (T.C30.I114)	46MCCore Spc (T.C30)	46MCCore Spc (T.C29)
46MCESE Wall (T.C30.I115)	46MCCore Spc (T.C30)	46MCESE Perim Spc (T.ESE34)
46MCNNE Wall (T.C30.I116)	46MCCore Spc (T.C30)	46MCNNE Perim Spc (T.NNE32)
46MCWNW Wall (T.C30.I117)	46MCCore Spc (T.C30)	46MCCore Spc (T.C27)
46MCNNE Wall (T.C30.I118)	46MCCore Spc (T.C30)	46MCCore Spc (T.C27)
46MCWNW Wall (T.C30.I119)	46MCCore Spc (T.C30)	46MCWNW Perim Spc (T.WNW38)
46MCCeiling (T.C30.I120)	46MCCore Spc (T.C30)	46MCPlnm (T.39)
46MCFlr (T.NNW31.I121)	46MCNNW Perim Spc (T.NNW31)	46MCPlnm (T.39)
46MCCeiling (T.NNW31.I122)	46MCNNW Perim Spc (T.NNW31)	46MCPlnm (T.39)
46MCFlr (T.NNE32.I123)	46MCNNE Perim Spc (T.NNE32)	46MCPlnm (T.39)
46MCWNW Wall (T.NNE32.I124)	46MCNNE Perim Spc (T.NNE32)	46MCNNW Perim Spc (T.NNW31)
46MCESE Wall (T.NNE32.I125)	46MCNNE Perim Spc (T.NNE32)	46MCEast Perim Spc (T.E33)
46MCCeiling (T.NNE32.I126)	46MCNNE Perim Spc (T.NNE32)	46MCPlnm (T.39)
46MCFlr (T.E33.I127)	46MCEast Perim Spc (T.E33)	46MCPlnm (T.39)
46MCCeiling (T.E33.I128)	46MCEast Perim Spc (T.E33)	46MCPlnm (T.39)
46MCNNE Wall (T.ESE34.I130)	46MCESE Perim Spc (T.ESE34)	46MCEast Perim Spc (T.E33)
46MCSSW Wall (T.ESE34.I131)	46MCESE Perim Spc (T.ESE34)	46MCSouth Perim Spc (T.S35)
46MCCeiling (T.ESE34.I132)	46MCESE Perim Spc (T.ESE34)	46MCPlnm (T.39)
46MCFlr (T.S35.I133)	46MCSouth Perim Spc (T.S35)	46MCPlnm (T.39)
46MCCeiling (T.S35.I134)	46MCSouth Perim Spc (T.S35)	46MCPlnm (T.39)
46MCFlr (T.SSW36.I135)	46MCSSW Perim Spc (T.SSW36)	46MCPlnm (T.39)
46MCESE Wall (T.SSW36.I136)	46MCSSW Perim Spc (T.SSW36)	46MCSouth Perim Spc (T.S35)
46MCWNW Wall (T.SSW36.I137)	46MCSSW Perim Spc (T.SSW36)	46MCSW Perim Spc (T.SW37)
46MCCeiling (T.SSW36.I138)	46MCSSW Perim Spc (T.SSW36)	46MCPlnm (T.39)
46MCFlr (T.SW37.I139)	46MCSW Perim Spc (T.SW37)	46MCPlnm (T.39)
46MCCeiling (T.SW37.I140)	46MCSW Perim Spc (T.SW37)	46MCPlnm (T.39)
46MCFlr (T.WNW38.I141)	46MCWNW Perim Spc (T.WNW38)	46MCPlnm (T.39)
46MCSSW Wall (T.WNW38.I142)	46MCWNW Perim Spc (T.WNW38)	46MCSW Perim Spc (T.SW37)
46MCNNE Wall (T.WNW38.I143)	46MCWNW Perim Spc (T.WNW38)	46MCNNW Perim Spc (T.NNW31)
46MCCeiling (T.WNW38.I144)	46MCWNW Perim Spc (T.WNW38)	46MCPlnm (T.39)
47Flr (G.NNW1.I1)	47NNW Perim Spc (G.NNW1)	
47ESE Wall (G.NNW1.I2)	47NNW Perim Spc (G.NNW1)	47NE Perim Spc (G.NE8)
47Ceiling (G.NNW1.I3)	47NNW Perim Spc (G.NNW1)	47Plnm (G.13)
47Flr (G.W2.I4)	47West Perim Spc (G.W2)	
47SSW Wall (G.W2.I5)	47West Perim Spc (G.W2)	47SW Perim Spc (G.SW3)
47ESE Wall (G.W2.I6)	47West Perim Spc (G.W2)	47SSW Perim Spc (G.SSW4)
47NNE Wall (G.W2.I7)	47West Perim Spc (G.W2)	47NNW Perim Spc (G.NNW1)
47Ceiling (G.W2.I8)	47West Perim Spc (G.W2)	47Plnm (G.13)
47Flr (G.SW3.I9)	47SW Perim Spc (G.SW3)	
47ESE Wall (G.SW3.I10)	47SW Perim Spc (G.SW3)	47SSW Perim Spc (G.SSW4)
47Ceiling (G.SW3.I11)	47SW Perim Spc (G.SW3)	47Plnm (G.13)
47Flr (G.SSW4.I12)	47SSW Perim Spc (G.SSW4)	
47ESE Wall (G.SSW4.I13)	47SSW Perim Spc (G.SSW4)	47SSE Perim Spc (G.SSE5)
47Ceiling (G.SSW4.I14)	47SSW Perim Spc (G.SSW4)	47Plnm (G.13)
47Flr (G.SSE5.I15)	47SSE Perim Spc (G.SSE5)	
47Ceiling (G.SSE5.I16)	47SSE Perim Spc (G.SSE5)	47Plnm (G.13)
47Flr (G.ESE6.I17)	47ESE Perim Spc (G.ESE6)	
47NNE Wall (G.ESE6.I18)	47ESE Perim Spc (G.ESE6)	47ENE Perim Spc (G.ENE7)

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SURFACE NAME	ADJACENT SPACES	
	SPACE-1	SPACE-2
47SSW Wall (G.ESE6.I19)	47ESE Perim Spc (G.ESE6)	47SSE Perim Spc (G.SSE5)
47Ceiling (G.ESE6.I20)	47ESE Perim Spc (G.ESE6)	47Plnm (G.13)
47Flr (G.ENE7.I21)	47ENE Perim Spc (G.ENE7)	
47ESE Wall (G.ENE7.I22)	47ENE Perim Spc (G.ENE7)	
47Ceiling (G.ENE7.I23)	47ENE Perim Spc (G.ENE7)	47Plnm (G.13)
47Flr (G.NE8.I24)	47NE Perim Spc (G.NE8)	
47ESE Wall (G.NE8.I25)	47NE Perim Spc (G.NE8)	47ENE Perim Spc (G.ENE7)
47Ceiling (G.NE8.I26)	47NE Perim Spc (G.NE8)	47Plnm (G.13)
47Flr (G.C9.I27)	47Core Spc (G.C9)	
47NNE Wall (G.C9.I28)	47Core Spc (G.C9)	47NE Perim Spc (G.NE8)
47WNW Wall (G.C9.I29)	47Core Spc (G.C9)	47West Perim Spc (G.W2)
47Ceiling (G.C9.I30)	47Core Spc (G.C9)	47Plnm (G.13)
47Flr (G.C10.I31)	47Core Spc (G.C10)	
47SSW Wall (G.C10.I32)	47Core Spc (G.C10)	47SSW Perim Spc (G.SSW4)
47WNW Wall (G.C10.I33)	47Core Spc (G.C10)	47West Perim Spc (G.W2)
47Ceiling (G.C10.I34)	47Core Spc (G.C10)	47Plnm (G.13)
47Flr (G.C11.I35)	47Core Spc (G.C11)	
47SSW Wall (G.C11.I36)	47Core Spc (G.C11)	47SSW Perim Spc (G.SSW4)
47ESE Wall (G.C11.I37)	47Core Spc (G.C11)	47ESE Perim Spc (G.ESE6)
47Ceiling (G.C11.I38)	47Core Spc (G.C11)	47Plnm (G.13)
47Flr (G.C12.I39)	47Core Spc (G.C12)	
47SSW Wall (G.C12.I40)	47Core Spc (G.C12)	47Core Spc (G.C10)
47WNW Wall (G.C12.I41)	47Core Spc (G.C12)	47Core Spc (G.C10)
47SSW Wall (G.C12.I42)	47Core Spc (G.C12)	47SSW Perim Spc (G.SSW4)
47ESE Wall (G.C12.I43)	47Core Spc (G.C12)	47Core Spc (G.C11)
47SSW Wall (G.C12.I44)	47Core Spc (G.C12)	47Core Spc (G.C11)
47ESE Wall (G.C12.I45)	47Core Spc (G.C12)	47ESE Perim Spc (G.ESE6)
47NNE Wall (G.C12.I46)	47Core Spc (G.C12)	47ENE Perim Spc (G.ENE7)
47NNE Wall (G.C12.I47)	47Core Spc (G.C12)	47NE Perim Spc (G.NE8)
47WNW Wall (G.C12.I48)	47Core Spc (G.C12)	47Core Spc (G.C9)
47NNE Wall (G.C12.I49)	47Core Spc (G.C12)	47Core Spc (G.C9)
47WNW Wall (G.C12.I50)	47Core Spc (G.C12)	47West Perim Spc (G.W2)
47Ceiling (G.C12.I51)	47Core Spc (G.C12)	47Plnm (G.13)
4856Flr (M.NNW14.I52)	4856NNW Perim Spc (M.NNW14)	4856Plnm (M.26)
4856ESE Wall (M.NNW14.I53)	4856NNW Perim Spc (M.NNW14)	4856NE Perim Spc (M.NE21)
4856Ceiling (M.NNW14.I54)	4856NNW Perim Spc (M.NNW14)	4856Plnm (M.26)
4856Flr (M.W15.I55)	4856West Perim Spc (M.W15)	4856Plnm (M.26)
4856SSW Wall (M.W15.I56)	4856West Perim Spc (M.W15)	4856SW Perim Spc (M.SW16)
4856ESE Wall (M.W15.I57)	4856West Perim Spc (M.W15)	4856SSW Perim Spc (M.SSW17)
4856NNE Wall (M.W15.I58)	4856West Perim Spc (M.W15)	4856NNW Perim Spc (M.NNW14)
4856Ceiling (M.W15.I59)	4856West Perim Spc (M.W15)	4856Plnm (M.26)
4856Flr (M.SW16.I60)	4856SW Perim Spc (M.SW16)	4856Plnm (M.26)
4856ESE Wall (M.SW16.I61)	4856SW Perim Spc (M.SW16)	4856SSW Perim Spc (M.SSW17)
4856Ceiling (M.SW16.I62)	4856SW Perim Spc (M.SW16)	4856Plnm (M.26)
4856Flr (M.SSW17.I63)	4856SSW Perim Spc (M.SSW17)	4856Plnm (M.26)
4856ESE Wall (M.SSW17.I64)	4856SSW Perim Spc (M.SSW17)	4856SSE Perim Spc (M.SSE18)
4856Ceiling (M.SSW17.I65)	4856SSW Perim Spc (M.SSW17)	4856Plnm (M.26)
4856Flr (M.SSE18.I66)	4856SSE Perim Spc (M.SSE18)	4856Plnm (M.26)
4856Ceiling (M.SSE18.I67)	4856SSE Perim Spc (M.SSE18)	4856Plnm (M.26)
4856Flr (M.ESE19.I68)	4856ESE Perim Spc (M.ESE19)	4856Plnm (M.26)
4856NNE Wall (M.ESE19.I69)	4856ESE Perim Spc (M.ESE19)	4856ENE Perim Spc (M.ENE20)
4856SSW Wall (M.ESE19.I70)	4856ESE Perim Spc (M.ESE19)	4856SSE Perim Spc (M.SSE18)
4856Ceiling (M.ESE19.I71)	4856ESE Perim Spc (M.ESE19)	4856Plnm (M.26)
4856Flr (M.ENE20.I72)	4856ENE Perim Spc (M.ENE20)	4856Plnm (M.26)

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SURFACE NAME	ADJACENT SPACES	
	SPACE-1	SPACE-2
4856Ceiling (M.ENE20.I73)	4856ENE Perim Spc (M.ENE20)	4856Plnm (M.26)
4856Flr (M.NE21.I74)	4856NE Perim Spc (M.NE21)	4856Plnm (M.26)
4856ESE Wall (M.NE21.I75)	4856NE Perim Spc (M.NE21)	4856ENE Perim Spc (M.ENE20)
4856Ceiling (M.NE21.I76)	4856NE Perim Spc (M.NE21)	4856Plnm (M.26)
4856Flr (M.C22.I77)	4856Core Spc (M.C22)	4856Plnm (M.26)
4856NNE Wall (M.C22.I78)	4856Core Spc (M.C22)	4856NE Perim Spc (M.NE21)
4856WNW Wall (M.C22.I79)	4856Core Spc (M.C22)	4856West Perim Spc (M.W15)
4856Ceiling (M.C22.I80)	4856Core Spc (M.C22)	4856Plnm (M.26)
4856Flr (M.C23.I81)	4856Core Spc (M.C23)	4856Plnm (M.26)
4856SSW Wall (M.C23.I82)	4856Core Spc (M.C23)	4856SSW Perim Spc (M.SSW17)
4856WNW Wall (M.C23.I83)	4856Core Spc (M.C23)	4856West Perim Spc (M.W15)
4856Ceiling (M.C23.I84)	4856Core Spc (M.C23)	4856Plnm (M.26)
4856Flr (M.C24.I85)	4856Core Spc (M.C24)	4856Plnm (M.26)
4856SSW Wall (M.C24.I86)	4856Core Spc (M.C24)	4856SSW Perim Spc (M.SSW17)
4856ESE Wall (M.C24.I87)	4856Core Spc (M.C24)	4856ESE Perim Spc (M.ESE19)
4856Ceiling (M.C24.I88)	4856Core Spc (M.C24)	4856Plnm (M.26)
4856Flr (M.C25.I89)	4856Core Spc (M.C25)	4856Plnm (M.26)
4856SSW Wall (M.C25.I90)	4856Core Spc (M.C25)	4856Core Spc (M.C23)
4856WNW Wall (M.C25.I91)	4856Core Spc (M.C25)	4856Core Spc (M.C23)
4856SSW Wall (M.C25.I92)	4856Core Spc (M.C25)	4856SSW Perim Spc (M.SSW17)
4856ESE Wall (M.C25.I93)	4856Core Spc (M.C25)	4856Core Spc (M.C24)
4856SSW Wall (M.C25.I94)	4856Core Spc (M.C25)	4856Core Spc (M.C24)
4856ESE Wall (M.C25.I95)	4856Core Spc (M.C25)	4856ESE Perim Spc (M.ESE19)
4856NNE Wall (M.C25.I96)	4856Core Spc (M.C25)	4856ENE Perim Spc (M.ENE20)
4856NNE Wall (M.C25.I97)	4856Core Spc (M.C25)	4856NE Perim Spc (M.NE21)
4856WNW Wall (M.C25.I98)	4856Core Spc (M.C25)	4856Core Spc (M.C22)
4856NNE Wall (M.C25.I99)	4856Core Spc (M.C25)	4856Core Spc (M.C22)
4856WNW Wall (M.C25.I100)	4856Core Spc (M.C25)	4856West Perim Spc (M.W15)
4856Ceiling (M.C25.I101)	4856Core Spc (M.C25)	4856Plnm (M.26)
5765Flr (M.NNW14.I52)	5765NNW Perim Spc (M.NNW14)	5765Plnm (M.26)
5765ESE Wall (M.NNW14.I53)	5765NNW Perim Spc (M.NNW14)	5765NE Perim Spc (M.NE21)
5765Ceiling (M.NNW14.I54)	5765NNW Perim Spc (M.NNW14)	5765Plnm (M.26)
5765Flr (M.W15.I55)	5765West Perim Spc (M.W15)	5765Plnm (M.26)
5765SSW Wall (M.W15.I56)	5765West Perim Spc (M.W15)	5765SW Perim Spc (M.SW16)
5765ESE Wall (M.W15.I57)	5765West Perim Spc (M.W15)	5765SSW Perim Spc (M.SSW17)
5765NNE Wall (M.W15.I58)	5765West Perim Spc (M.W15)	5765NNW Perim Spc (M.NNW14)
5765Ceiling (M.W15.I59)	5765West Perim Spc (M.W15)	5765Plnm (M.26)
5765Flr (M.SW16.I60)	5765SW Perim Spc (M.SW16)	5765Plnm (M.26)
5765ESE Wall (M.SW16.I61)	5765SW Perim Spc (M.SW16)	5765SSW Perim Spc (M.SSW17)
5765Ceiling (M.SW16.I62)	5765SW Perim Spc (M.SW16)	5765Plnm (M.26)
5765Flr (M.SSW17.I63)	5765SSW Perim Spc (M.SSW17)	5765Plnm (M.26)
5765ESE Wall (M.SSW17.I64)	5765SSW Perim Spc (M.SSW17)	5765SSE Perim Spc (M.SSE18)
5765Ceiling (M.SSW17.I65)	5765SSW Perim Spc (M.SSW17)	5765Plnm (M.26)
5765Flr (M.SSE18.I66)	5765SSE Perim Spc (M.SSE18)	5765Plnm (M.26)
5765Ceiling (M.SSE18.I67)	5765SSE Perim Spc (M.SSE18)	5765Plnm (M.26)
5765Flr (M.ESE19.I68)	5765ESE Perim Spc (M.ESE19)	5765Plnm (M.26)
5765NNE Wall (M.ESE19.I69)	5765ESE Perim Spc (M.ESE19)	5765ENE Perim Spc (M.ENE20)
5765SSW Wall (M.ESE19.I70)	5765ESE Perim Spc (M.ESE19)	5765SSE Perim Spc (M.SSE18)
5765Ceiling (M.ESE19.I71)	5765ESE Perim Spc (M.ESE19)	5765Plnm (M.26)
5765Flr (M.ENE20.I72)	5765ENE Perim Spc (M.ENE20)	5765Plnm (M.26)
5765Ceiling (M.ENE20.I73)	5765ENE Perim Spc (M.ENE20)	5765Plnm (M.26)
5765Flr (M.NE21.I74)	5765NE Perim Spc (M.NE21)	5765Plnm (M.26)
5765ESE Wall (M.NE21.I75)	5765NE Perim Spc (M.NE21)	5765ENE Perim Spc (M.ENE20)
5765Ceiling (M.NE21.I76)	5765NE Perim Spc (M.NE21)	5765Plnm (M.26)

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	SPACE-1	SPACE-2
5765Flr (M.C22.I77)	5765Core Spc (M.C22)	5765Plnm (M.26)
5765NNE Wall (M.C22.I78)	5765Core Spc (M.C22)	5765NE Perim Spc (M.NE21)
5765WNW Wall (M.C22.I79)	5765Core Spc (M.C22)	5765West Perim Spc (M.W15)
5765Ceiling (M.C22.I80)	5765Core Spc (M.C22)	5765Plnm (M.26)
5765Flr (M.C23.I81)	5765Core Spc (M.C23)	5765Plnm (M.26)
5765SSW Wall (M.C23.I82)	5765Core Spc (M.C23)	5765SSW Perim Spc (M.SSW17)
5765WNW Wall (M.C23.I83)	5765Core Spc (M.C23)	5765West Perim Spc (M.W15)
5765Ceiling (M.C23.I84)	5765Core Spc (M.C23)	5765Plnm (M.26)
5765Flr (M.C24.I85)	5765Core Spc (M.C24)	5765Plnm (M.26)
5765SSW Wall (M.C24.I86)	5765Core Spc (M.C24)	5765SSW Perim Spc (M.SSW17)
5765ESE Wall (M.C24.I87)	5765Core Spc (M.C24)	5765ESE Perim Spc (M.ESE19)
5765Ceiling (M.C24.I88)	5765Core Spc (M.C24)	5765Plnm (M.26)
5765Flr (M.C25.I89)	5765Core Spc (M.C25)	5765Plnm (M.26)
5765SSW Wall (M.C25.I90)	5765Core Spc (M.C25)	5765Core Spc (M.C23)
5765WNW Wall (M.C25.I91)	5765Core Spc (M.C25)	5765Core Spc (M.C23)
5765SSW Wall (M.C25.I92)	5765Core Spc (M.C25)	5765SSW Perim Spc (M.SSW17)
5765ESE Wall (M.C25.I93)	5765Core Spc (M.C25)	5765Core Spc (M.C24)
5765SSW Wall (M.C25.I94)	5765Core Spc (M.C25)	5765Core Spc (M.C24)
5765ESE Wall (M.C25.I95)	5765Core Spc (M.C25)	5765ESE Perim Spc (M.ESE19)
5765NNE Wall (M.C25.I96)	5765Core Spc (M.C25)	5765ENE Perim Spc (M.ENE20)
5765NNE Wall (M.C25.I97)	5765Core Spc (M.C25)	5765NE Perim Spc (M.NE21)
5765WNW Wall (M.C25.I98)	5765Core Spc (M.C25)	5765Core Spc (M.C22)
5765NNE Wall (M.C25.I99)	5765Core Spc (M.C25)	5765Core Spc (M.C22)
5765WNW Wall (M.C25.I100)	5765Core Spc (M.C25)	5765West Perim Spc (M.W15)
5765Ceiling (M.C25.I101)	5765Core Spc (M.C25)	5765Plnm (M.26)
66Flr (T.NNW27.I102)	66NNW Perim Spc (T.NNW27)	66Plnm (T.39)
66ESE Wall (T.NNW27.I103)	66NNW Perim Spc (T.NNW27)	66NE Perim Spc (T.NE34)
66Ceiling (T.NNW27.I104)	66NNW Perim Spc (T.NNW27)	66Plnm (T.39)
66Flr (T.W28.I105)	66West Perim Spc (T.W28)	66Plnm (T.39)
66SSW Wall (T.W28.I106)	66West Perim Spc (T.W28)	66SW Perim Spc (T.SW29)
66ESE Wall (T.W28.I107)	66West Perim Spc (T.W28)	66SSW Perim Spc (T.SSW30)
66NNE Wall (T.W28.I108)	66West Perim Spc (T.W28)	66NNW Perim Spc (T.NNW27)
66Ceiling (T.W28.I109)	66West Perim Spc (T.W28)	66Plnm (T.39)
66Flr (T.SW29.I110)	66SW Perim Spc (T.SW29)	66Plnm (T.39)
66ESE Wall (T.SW29.I111)	66SW Perim Spc (T.SW29)	66SSW Perim Spc (T.SSW30)
66Ceiling (T.SW29.I112)	66SW Perim Spc (T.SW29)	66Plnm (T.39)
66Flr (T.SSW30.I113)	66SSW Perim Spc (T.SSW30)	66Plnm (T.39)
66ESE Wall (T.SSW30.I114)	66SSW Perim Spc (T.SSW30)	66SSE Perim Spc (T.SSE31)
66Ceiling (T.SSW30.I115)	66SSW Perim Spc (T.SSW30)	66Plnm (T.39)
66Flr (T.SSE31.I116)	66SSE Perim Spc (T.SSE31)	66Plnm (T.39)
66Ceiling (T.SSE31.I117)	66SSE Perim Spc (T.SSE31)	66Plnm (T.39)
66Flr (T.ESE32.I118)	66ESE Perim Spc (T.ESE32)	66Plnm (T.39)
66NNE Wall (T.ESE32.I119)	66ESE Perim Spc (T.ESE32)	66ENE Perim Spc (T.ENE33)
66SSW Wall (T.ESE32.I120)	66ESE Perim Spc (T.ESE32)	66SSE Perim Spc (T.SSE31)
66Ceiling (T.ESE32.I121)	66ESE Perim Spc (T.ESE32)	66Plnm (T.39)
66Flr (T.ENE33.I122)	66ENE Perim Spc (T.ENE33)	66Plnm (T.39)
66Ceiling (T.ENE33.I123)	66ENE Perim Spc (T.ENE33)	66Plnm (T.39)
66Flr (T.NE34.I124)	66NE Perim Spc (T.NE34)	66Plnm (T.39)
66ESE Wall (T.NE34.I125)	66NE Perim Spc (T.NE34)	66ENE Perim Spc (T.ENE33)
66Ceiling (T.NE34.I126)	66NE Perim Spc (T.NE34)	66Plnm (T.39)
66Flr (T.C35.I127)	66Core Spc (T.C35)	66Plnm (T.39)
66NNE Wall (T.C35.I128)	66Core Spc (T.C35)	66NE Perim Spc (T.NE34)
66WNW Wall (T.C35.I129)	66Core Spc (T.C35)	66West Perim Spc (T.W28)
66Ceiling (T.C35.I130)	66Core Spc (T.C35)	66Plnm (T.39)

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ADJACENT SPACES		
SURFACE NAME	SPACE-1	SPACE-2
66Flr (T.C36.I131)	66Core Spc (T.C36)	66Plnm (T.39)
66SSW Wall (T.C36.I132)	66Core Spc (T.C36)	66SSW Perim Spc (T.SSW30)
66WNW Wall (T.C36.I133)	66Core Spc (T.C36)	66West Perim Spc (T.W28)
66Ceiling (T.C36.I134)	66Core Spc (T.C36)	66Plnm (T.39)
66Flr (T.C37.I135)	66Core Spc (T.C37)	66Plnm (T.39)
66SSW Wall (T.C37.I136)	66Core Spc (T.C37)	66SSW Perim Spc (T.SSW30)
66ESE Wall (T.C37.I137)	66Core Spc (T.C37)	66ESE Perim Spc (T.ESE32)
66Ceiling (T.C37.I138)	66Core Spc (T.C37)	66Plnm (T.39)
66Flr (T.C38.I139)	66Core Spc (T.C38)	66Plnm (T.39)
66SSW Wall (T.C38.I140)	66Core Spc (T.C38)	66Core Spc (T.C36)
66WNW Wall (T.C38.I141)	66Core Spc (T.C38)	66Core Spc (T.C36)
66SSW Wall (T.C38.I142)	66Core Spc (T.C38)	66SSW Perim Spc (T.SSW30)
66ESE Wall (T.C38.I143)	66Core Spc (T.C38)	66Core Spc (T.C37)
66SSW Wall (T.C38.I144)	66Core Spc (T.C38)	66Core Spc (T.C37)
66ESE Wall (T.C38.I145)	66Core Spc (T.C38)	66ESE Perim Spc (T.ESE32)
66NNE Wall (T.C38.I146)	66Core Spc (T.C38)	66ENE Perim Spc (T.ENE33)
66NNE Wall (T.C38.I147)	66Core Spc (T.C38)	66NE Perim Spc (T.NE34)
66WNW Wall (T.C38.I148)	66Core Spc (T.C38)	66Core Spc (T.C35)
66NNE Wall (T.C38.I149)	66Core Spc (T.C38)	66Core Spc (T.C35)
66WNW Wall (T.C38.I150)	66Core Spc (T.C38)	66West Perim Spc (T.W28)
66Ceiling (T.C38.I151)	66Core Spc (T.C38)	66Plnm (T.39)
67MCF1r (G.NNW1.I1)	67MCNNW Perim Spc (G.NNW1)	
67MCESE Wall (G.NNW1.I2)	67MCNNW Perim Spc (G.NNW1)	67MCNE Perim Spc (G.NE8)
67MCF1r (G.W2.I3)	67MCWest Perim Spc (G.W2)	
67MCSSW Wall (G.W2.I4)	67MCWest Perim Spc (G.W2)	67MCSW Perim Spc (G.SW3)
67MCESE Wall (G.W2.I5)	67MCWest Perim Spc (G.W2)	67MCSSW Perim Spc (G.SSW4)
67MCNNE Wall (G.W2.I6)	67MCWest Perim Spc (G.W2)	67MCNNW Perim Spc (G.NNW1)
67MCF1r (G.SW3.I7)	67MCSW Perim Spc (G.SW3)	
67MCESE Wall (G.SW3.I8)	67MCSW Perim Spc (G.SW3)	67MCSSW Perim Spc (G.SSW4)
67MCF1r (G.SSW4.I9)	67MCSSW Perim Spc (G.SSW4)	
67MCESE Wall (G.SSW4.I10)	67MCSSW Perim Spc (G.SSW4)	67MCSSE Perim Spc (G.SSE5)
67MCF1r (G.SSE5.I11)	67MCSSE Perim Spc (G.SSE5)	
67MCF1r (G.ESE6.I12)	67MCESE Perim Spc (G.ESE6)	
67MCNNE Wall (G.ESE6.I13)	67MCESE Perim Spc (G.ESE6)	67MCENE Perim Spc (G.ENE7)
67MCSSW Wall (G.ESE6.I14)	67MCESE Perim Spc (G.ESE6)	67MCSSE Perim Spc (G.SSE5)
67MCF1r (G.ENE7.I15)	67MCENE Perim Spc (G.ENE7)	
67MCF1r (G.NE8.I16)	67MCNE Perim Spc (G.NE8)	
67MCESE Wall (G.NE8.I17)	67MCNE Perim Spc (G.NE8)	67MCENE Perim Spc (G.ENE7)
67MCF1r (G.C9.I18)	67MCCore Spc (G.C9)	
67MCNNE Wall (G.C9.I19)	67MCCore Spc (G.C9)	67MCNE Perim Spc (G.NE8)
67MCWNW Wall (G.C9.I20)	67MCCore Spc (G.C9)	67MCWest Perim Spc (G.W2)
67MCF1r (G.C10.I21)	67MCCore Spc (G.C10)	
67MCSSW Wall (G.C10.I22)	67MCCore Spc (G.C10)	67MCSSW Perim Spc (G.SSW4)
67MCWNW Wall (G.C10.I23)	67MCCore Spc (G.C10)	67MCWest Perim Spc (G.W2)
67MCF1r (G.C11.I24)	67MCCore Spc (G.C11)	
67MCSSW Wall (G.C11.I25)	67MCCore Spc (G.C11)	67MCCore Spc (G.C10)
67MCWNW Wall (G.C11.I26)	67MCCore Spc (G.C11)	67MCCore Spc (G.C10)
67MCSSW Wall (G.C11.I27)	67MCCore Spc (G.C11)	67MCSSW Perim Spc (G.SSW4)
67MCESE Wall (G.C11.I28)	67MCCore Spc (G.C11)	67MCCore Spc (G.C12)
67MCSSW Wall (G.C11.I29)	67MCCore Spc (G.C11)	67MCCore Spc (G.C12)
67MCESE Wall (G.C11.I30)	67MCCore Spc (G.C11)	67MCESE Perim Spc (G.ESE6)
67MCNNE Wall (G.C11.I31)	67MCCore Spc (G.C11)	67MCENE Perim Spc (G.ENE7)
67MCNNE Wall (G.C11.I32)	67MCCore Spc (G.C11)	67MCNE Perim Spc (G.NE8)
67MCWNW Wall (G.C11.I33)	67MCCore Spc (G.C11)	67MCCore Spc (G.C9)

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SURFACE NAME	ADJACENT SPACES	
	SPACE-1	SPACE-2
67MCNNE Wall (G.C11.I34)	67MCCore Spc (G.C11)	67MCCore Spc (G.C9)
67MCWNW Wall (G.C11.I35)	67MCCore Spc (G.C11)	67MCWest Perim Spc (G.W2)
67MCFIrr (G.C12.I36)	67MCCore Spc (G.C12)	
67MCSSW Wall (G.C12.I37)	67MCCore Spc (G.C12)	67MCSSW Perim Spc (G.SSW4)
67MCESE Wall (G.C12.I38)	67MCCore Spc (G.C12)	67MCESE Perim Spc (G.ESE6)
68FIIr (G.NNW1.I1)	68NNW Perim Spc (G.NNW1)	
68Ceiling (G.NNW1.I2)	68NNW Perim Spc (G.NNW1)	68Plnm (G.11)
68FIIr (G.NE2.I3)	68NE Perim Spc (G.NE2)	
68ESE Wall (G.NE2.I4)	68NE Perim Spc (G.NE2)	68ESE Perim Spc (G.ESE3)
68WNW Wall (G.NE2.I5)	68NE Perim Spc (G.NE2)	68NNW Perim Spc (G.NNW1)
68Ceiling (G.NE2.I6)	68NE Perim Spc (G.NE2)	68Plnm (G.11)
68FIIr (G.ESE3.I7)	68ESE Perim Spc (G.ESE3)	
68Ceiling (G.ESE3.I8)	68ESE Perim Spc (G.ESE3)	68Plnm (G.11)
68FIIr (G.W4.I9)	68West Perim Spc (G.W4)	
68SSW Wall (G.W4.I10)	68West Perim Spc (G.W4)	68SW Perim Spc (G.SW5)
68ESE Wall (G.W4.I11)	68West Perim Spc (G.W4)	68South Perim Spc (G.S6)
68NNE Wall (G.W4.I12)	68West Perim Spc (G.W4)	68NNW Perim Spc (G.NNW1)
68Ceiling (G.W4.I13)	68West Perim Spc (G.W4)	68Plnm (G.11)
68FIIr (G.SW5.I14)	68SW Perim Spc (G.SW5)	
68ESE Wall (G.SW5.I15)	68SW Perim Spc (G.SW5)	68South Perim Spc (G.S6)
68Ceiling (G.SW5.I16)	68SW Perim Spc (G.SW5)	68Plnm (G.11)
68FIIr (G.S6.I17)	68South Perim Spc (G.S6)	
68Ceiling (G.S6.I18)	68South Perim Spc (G.S6)	68Plnm (G.11)
68FIIr (G.C7.I19)	68Core Spc (G.C7)	
68SSW Wall (G.C7.I20)	68Core Spc (G.C7)	68South Perim Spc (G.S6)
68WNW Wall (G.C7.I21)	68Core Spc (G.C7)	68West Perim Spc (G.W4)
68Ceiling (G.C7.I22)	68Core Spc (G.C7)	68Plnm (G.11)
68FIIr (G.C8.I23)	68Core Spc (G.C8)	
68NNE Wall (G.C8.I24)	68Core Spc (G.C8)	68NE Perim Spc (G.NE2)
68WNW Wall (G.C8.I25)	68Core Spc (G.C8)	68West Perim Spc (G.W4)
68Ceiling (G.C8.I26)	68Core Spc (G.C8)	68Plnm (G.11)
68FIIr (G.ESE9.I27)	68ESE Perim Spc (G.ESE9)	
68SSW Wall (G.ESE9.I28)	68ESE Perim Spc (G.ESE9)	68South Perim Spc (G.S6)
68Ceiling (G.ESE9.I29)	68ESE Perim Spc (G.ESE9)	68Plnm (G.11)
68FIIr (G.C10.I30)	68Core Spc (G.C10)	
68NNE Wall (G.C10.I31)	68Core Spc (G.C10)	68NE Perim Spc (G.NE2)
68WNW Wall (G.C10.I32)	68Core Spc (G.C10)	68Core Spc (G.C8)
68NNE Wall (G.C10.I33)	68Core Spc (G.C10)	68Core Spc (G.C8)
68WNW Wall (G.C10.I34)	68Core Spc (G.C10)	68West Perim Spc (G.W4)
68SSW Wall (G.C10.I35)	68Core Spc (G.C10)	68Core Spc (G.C7)
68WNW Wall (G.C10.I36)	68Core Spc (G.C10)	68Core Spc (G.C7)
68SSW Wall (G.C10.I37)	68Core Spc (G.C10)	68South Perim Spc (G.S6)
68ESE Wall (G.C10.I38)	68Core Spc (G.C10)	68ESE Perim Spc (G.ESE9)
68SSW Wall (G.C10.I39)	68Core Spc (G.C10)	68ESE Perim Spc (G.ESE9)
68Ceiling (G.C10.I40)	68Core Spc (G.C10)	68Plnm (G.11)
68DBFIIr (G.WNW1.I1)	68DBWNW Perim Spc (G.WNW1)	
68DBCeiling (G.WNW1.I2)	68DBWNW Perim Spc (G.WNW1)	68DBPlnm (G.2)
69FIIr (G.NNW1.I1)	69NNW Perim Spc (G.NNW1)	
69Ceiling (G.NNW1.I2)	69NNW Perim Spc (G.NNW1)	69Plnm (G.11)
69FIIr (G.NE2.I3)	69NE Perim Spc (G.NE2)	
69ESE Wall (G.NE2.I4)	69NE Perim Spc (G.NE2)	69ESE Perim Spc (G.ESE3)
69WNW Wall (G.NE2.I5)	69NE Perim Spc (G.NE2)	69NNW Perim Spc (G.NNW1)
69Ceiling (G.NE2.I6)	69NE Perim Spc (G.NE2)	69Plnm (G.11)
69FIIr (G.ESE3.I7)	69ESE Perim Spc (G.ESE3)	

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SURFACE NAME	ADJACENT SPACES	
	SPACE-1	SPACE-2
69Ceiling (G.ESE3.I8)	69ESE Perim Spc (G.ESE3)	69Plnm (G.11)
69Flr (G.W4.I9)	69West Perim Spc (G.W4)	
69SSW Wall (G.W4.I10)	69West Perim Spc (G.W4)	69SW Perim Spc (G.SW5)
69ESE Wall (G.W4.I11)	69West Perim Spc (G.W4)	69South Perim Spc (G.S6)
69NNE Wall (G.W4.I12)	69West Perim Spc (G.W4)	69NNW Perim Spc (G.NNW1)
69Ceiling (G.W4.I13)	69West Perim Spc (G.W4)	69Plnm (G.11)
69Flr (G.SW5.I14)	69SW Perim Spc (G.SW5)	
69ESE Wall (G.SW5.I15)	69SW Perim Spc (G.SW5)	69South Perim Spc (G.S6)
69Ceiling (G.SW5.I16)	69SW Perim Spc (G.SW5)	69Plnm (G.11)
69Flr (G.S6.I17)	69South Perim Spc (G.S6)	
69Ceiling (G.S6.I18)	69South Perim Spc (G.S6)	69Plnm (G.11)
69Flr (G.C7.I19)	69Core Spc (G.C7)	
69SSW Wall (G.C7.I20)	69Core Spc (G.C7)	69South Perim Spc (G.S6)
69WNW Wall (G.C7.I21)	69Core Spc (G.C7)	69West Perim Spc (G.W4)
69Ceiling (G.C7.I22)	69Core Spc (G.C7)	69Plnm (G.11)
69Flr (G.C8.I23)	69Core Spc (G.C8)	
69NNE Wall (G.C8.I24)	69Core Spc (G.C8)	69NE Perim Spc (G.NE2)
69WNW Wall (G.C8.I25)	69Core Spc (G.C8)	69West Perim Spc (G.W4)
69Ceiling (G.C8.I26)	69Core Spc (G.C8)	69Plnm (G.11)
69Flr (G.ESE9.I27)	69ESE Perim Spc (G.ESE9)	
69SSW Wall (G.ESE9.I28)	69ESE Perim Spc (G.ESE9)	69South Perim Spc (G.S6)
69Ceiling (G.ESE9.I29)	69ESE Perim Spc (G.ESE9)	69Plnm (G.11)
69Flr (G.C10.I30)	69Core Spc (G.C10)	
69NNE Wall (G.C10.I31)	69Core Spc (G.C10)	69NE Perim Spc (G.NE2)
69WNW Wall (G.C10.I32)	69Core Spc (G.C10)	69Core Spc (G.C8)
69NNE Wall (G.C10.I33)	69Core Spc (G.C10)	69Core Spc (G.C8)
69WNW Wall (G.C10.I34)	69Core Spc (G.C10)	69West Perim Spc (G.W4)
69SSW Wall (G.C10.I35)	69Core Spc (G.C10)	69Core Spc (G.C7)
69WNW Wall (G.C10.I36)	69Core Spc (G.C10)	69Core Spc (G.C7)
69SSW Wall (G.C10.I37)	69Core Spc (G.C10)	69South Perim Spc (G.S6)
69ESE Wall (G.C10.I38)	69Core Spc (G.C10)	69ESE Perim Spc (G.ESE9)
69SSW Wall (G.C10.I39)	69Core Spc (G.C10)	69ESE Perim Spc (G.ESE9)
69Ceiling (G.C10.I40)	69Core Spc (G.C10)	69Plnm (G.11)
70Flr (G.NNW1.I1)	70NNW Perim Spc (G.NNW1)	
70Ceiling (G.NNW1.I2)	70NNW Perim Spc (G.NNW1)	70Plnm (G.12)
70Flr (G.W2.I3)	70West Perim Spc (G.W2)	
70SSW Wall (G.W2.I4)	70West Perim Spc (G.W2)	70SW Perim Spc (G.SW3)
70NNE Wall (G.W2.I5)	70West Perim Spc (G.W2)	70NNW Perim Spc (G.NNW1)
70Ceiling (G.W2.I6)	70West Perim Spc (G.W2)	70Plnm (G.12)
70Flr (G.SW3.I7)	70SW Perim Spc (G.SW3)	
70ESE Wall (G.SW3.I8)	70SW Perim Spc (G.SW3)	70South Perim Spc (G.S4)
70Ceiling (G.SW3.I9)	70SW Perim Spc (G.SW3)	70Plnm (G.12)
70Flr (G.S4.I10)	70South Perim Spc (G.S4)	
70NNE Wall (G.S4.I11)	70South Perim Spc (G.S4)	70SE Perim Spc (G.SE7)
70WNW Wall (G.S4.I12)	70South Perim Spc (G.S4)	70Core Spc (G.C10)
70WNW Wall (G.S4.I13)	70South Perim Spc (G.S4)	70West Perim Spc (G.W2)
70Ceiling (G.S4.I14)	70South Perim Spc (G.S4)	70Plnm (G.12)
70Flr (G.NE5.I15)	70NE Perim Spc (G.NE5)	
70WNW Wall (G.NE5.I16)	70NE Perim Spc (G.NE5)	70NNW Perim Spc (G.NNW1)
70Ceiling (G.NE5.I17)	70NE Perim Spc (G.NE5)	70Plnm (G.12)
70Flr (G.ENE6.I18)	70ENE Perim Spc (G.ENE6)	
70NNE Wall (G.ENE6.I19)	70ENE Perim Spc (G.ENE6)	70NE Perim Spc (G.NE5)
70WNW Wall (G.ENE6.I20)	70ENE Perim Spc (G.ENE6)	70NNW Perim Spc (G.NNW1)
70Ceiling (G.ENE6.I21)	70ENE Perim Spc (G.ENE6)	70Plnm (G.12)

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SURFACE NAME	SPACE-1	SPACE-2
70Flr (G.SE7.I22)	70SE Perim Spc (G.SE7)	
70NNE Wall (G.SE7.I23)	70SE Perim Spc (G.SE7)	70ENE Perim Spc (G.ENE6)
70WNW Wall (G.SE7.I24)	70SE Perim Spc (G.SE7)	70Core Spc (G.C10)
70Ceiling (G.SE7.I25)	70SE Perim Spc (G.SE7)	70Plnm (G.12)
70Flr (G.C8.I26)	70Core Spc (G.C8)	
70NNE Wall (G.C8.I27)	70Core Spc (G.C8)	70ENE Perim Spc (G.ENE6)
70WNW Wall (G.C8.I28)	70Core Spc (G.C8)	70West Perim Spc (G.W2)
70Ceiling (G.C8.I29)	70Core Spc (G.C8)	70Plnm (G.12)
70Flr (G.C9.I30)	70Core Spc (G.C9)	
70SSW Wall (G.C9.I31)	70Core Spc (G.C9)	70South Perim Spc (G.S4)
70WNW Wall (G.C9.I32)	70Core Spc (G.C9)	70West Perim Spc (G.W2)
70Ceiling (G.C9.I33)	70Core Spc (G.C9)	70Plnm (G.12)
70Flr (G.C10.I34)	70Core Spc (G.C10)	
70SSW Wall (G.C10.I35)	70Core Spc (G.C10)	70South Perim Spc (G.S4)
70Ceiling (G.C10.I36)	70Core Spc (G.C10)	70Plnm (G.12)
70Flr (G.C11.I37)	70Core Spc (G.C11)	
70SSW Wall (G.C11.I38)	70Core Spc (G.C11)	70Core Spc (G.C9)
70WNW Wall (G.C11.I39)	70Core Spc (G.C11)	70Core Spc (G.C9)
70SSW Wall (G.C11.I40)	70Core Spc (G.C11)	70South Perim Spc (G.S4)
70ESE Wall (G.C11.I41)	70Core Spc (G.C11)	70Core Spc (G.C10)
70SSW Wall (G.C11.I42)	70Core Spc (G.C11)	70Core Spc (G.C10)
70ESE Wall (G.C11.I43)	70Core Spc (G.C11)	70SE Perim Spc (G.SE7)
70NNE Wall (G.C11.I44)	70Core Spc (G.C11)	70ENE Perim Spc (G.ENE6)
70WNW Wall (G.C11.I45)	70Core Spc (G.C11)	70Core Spc (G.C8)
70NNE Wall (G.C11.I46)	70Core Spc (G.C11)	70Core Spc (G.C8)
70WNW Wall (G.C11.I47)	70Core Spc (G.C11)	70West Perim Spc (G.W2)
70Ceiling (G.C11.I48)	70Core Spc (G.C11)	70Plnm (G.12)
7179Flr (M.NNW13.I49)	7179NNW Perim Spc (M.NNW13)	7179Plnm (M.24)
7179Ceiling (M.NNW13.I50)	7179NNW Perim Spc (M.NNW13)	7179Plnm (M.24)
7179Flr (M.W14.I51)	7179West Perim Spc (M.W14)	7179Plnm (M.24)
7179SSW Wall (M.W14.I52)	7179West Perim Spc (M.W14)	7179SW Perim Spc (M.SW15)
7179NNE Wall (M.W14.I53)	7179West Perim Spc (M.W14)	7179NNW Perim Spc (M.NNW13)
7179Ceiling (M.W14.I54)	7179West Perim Spc (M.W14)	7179Plnm (M.24)
7179Flr (M.SW15.I55)	7179SW Perim Spc (M.SW15)	7179Plnm (M.24)
7179ESE Wall (M.SW15.I56)	7179SW Perim Spc (M.SW15)	7179South Perim Spc (M.S16)
7179Ceiling (M.SW15.I57)	7179SW Perim Spc (M.SW15)	7179Plnm (M.24)
7179Flr (M.S16.I58)	7179South Perim Spc (M.S16)	7179Plnm (M.24)
7179NNE Wall (M.S16.I59)	7179South Perim Spc (M.S16)	7179SE Perim Spc (M.SE19)
7179WNW Wall (M.S16.I60)	7179South Perim Spc (M.S16)	7179Core Spc (M.C22)
7179WNW Wall (M.S16.I61)	7179South Perim Spc (M.S16)	7179West Perim Spc (M.W14)
7179Ceiling (M.S16.I62)	7179South Perim Spc (M.S16)	7179Plnm (M.24)
7179Flr (M.NE17.I63)	7179NE Perim Spc (M.NE17)	7179Plnm (M.24)
7179WNW Wall (M.NE17.I64)	7179NE Perim Spc (M.NE17)	7179NNW Perim Spc (M.NNW13)
7179Ceiling (M.NE17.I65)	7179NE Perim Spc (M.NE17)	7179Plnm (M.24)
7179Flr (M.ENE18.I66)	7179ENE Perim Spc (M.ENE18)	7179Plnm (M.24)
7179NNE Wall (M.ENE18.I67)	7179ENE Perim Spc (M.ENE18)	7179NE Perim Spc (M.NE17)
7179WNW Wall (M.ENE18.I68)	7179ENE Perim Spc (M.ENE18)	7179NNW Perim Spc (M.NNW13)
7179Ceiling (M.ENE18.I69)	7179ENE Perim Spc (M.ENE18)	7179Plnm (M.24)
7179Flr (M.SE19.I70)	7179SE Perim Spc (M.SE19)	7179Plnm (M.24)
7179NNE Wall (M.SE19.I71)	7179SE Perim Spc (M.SE19)	7179ENE Perim Spc (M.ENE18)
7179WNW Wall (M.SE19.I72)	7179SE Perim Spc (M.SE19)	7179Core Spc (M.C22)
7179Ceiling (M.SE19.I73)	7179SE Perim Spc (M.SE19)	7179Plnm (M.24)
7179Flr (M.C20.I74)	7179Core Spc (M.C20)	7179Plnm (M.24)
7179NNE Wall (M.C20.I75)	7179Core Spc (M.C20)	7179ENE Perim Spc (M.ENE18)

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SURFACE NAME	ADJACENT SPACES	
SPACE-1	SPACE-2	
7179WNW Wall (M.C20.I76)	7179Core Spc (M.C20)	7179West Perim Spc (M.W14)
7179Ceiling (M.C20.I77)	7179Core Spc (M.C20)	7179Plnm (M.24)
7179Flr (M.C21.I78)	7179Core Spc (M.C21)	7179Plnm (M.24)
7179SSW Wall (M.C21.I79)	7179Core Spc (M.C21)	7179South Perim Spc (M.S16)
7179WNW Wall (M.C21.I80)	7179Core Spc (M.C21)	7179West Perim Spc (M.W14)
7179Ceiling (M.C21.I81)	7179Core Spc (M.C21)	7179Plnm (M.24)
7179Flr (M.C22.I82)	7179Core Spc (M.C22)	7179Plnm (M.24)
7179SSW Wall (M.C22.I83)	7179Core Spc (M.C22)	7179South Perim Spc (M.S16)
7179Ceiling (M.C22.I84)	7179Core Spc (M.C22)	7179Plnm (M.24)
7179Flr (M.C23.I85)	7179Core Spc (M.C23)	7179Plnm (M.24)
7179SSW Wall (M.C23.I86)	7179Core Spc (M.C23)	7179Core Spc (M.C21)
7179WNW Wall (M.C23.I87)	7179Core Spc (M.C23)	7179Core Spc (M.C21)
7179SSW Wall (M.C23.I88)	7179Core Spc (M.C23)	7179South Perim Spc (M.S16)
7179ESE Wall (M.C23.I89)	7179Core Spc (M.C23)	7179Core Spc (M.C22)
7179SSW Wall (M.C23.I90)	7179Core Spc (M.C23)	7179Core Spc (M.C22)
7179ESE Wall (M.C23.I91)	7179Core Spc (M.C23)	7179SE Perim Spc (M.SE19)
7179NNE Wall (M.C23.I92)	7179Core Spc (M.C23)	7179ENE Perim Spc (M.ENE18)
7179WNW Wall (M.C23.I93)	7179Core Spc (M.C23)	7179Core Spc (M.C20)
7179NNE Wall (M.C23.I94)	7179Core Spc (M.C23)	7179Core Spc (M.C20)
7179WNW Wall (M.C23.I95)	7179Core Spc (M.C23)	7179West Perim Spc (M.W14)
7179Ceiling (M.C23.I96)	7179Core Spc (M.C23)	7179Plnm (M.24)
8087Flr (M.NNW13.I49)	8087NNW Perim Spc (M.NNW13)	8087Plnm (M.24)
8087Ceiling (M.NNW13.I50)	8087NNW Perim Spc (M.NNW13)	8087Plnm (M.24)
8087Flr (M.W14.I51)	8087West Perim Spc (M.W14)	8087Plnm (M.24)
8087SSW Wall (M.W14.I52)	8087West Perim Spc (M.W14)	8087SW Perim Spc (M.SW15)
8087NNE Wall (M.W14.I53)	8087West Perim Spc (M.W14)	8087NNW Perim Spc (M.NNW13)
8087Ceiling (M.W14.I54)	8087West Perim Spc (M.W14)	8087Plnm (M.24)
8087Flr (M.SW15.I55)	8087SW Perim Spc (M.SW15)	8087Plnm (M.24)
8087ESE Wall (M.SW15.I56)	8087SW Perim Spc (M.SW15)	8087South Perim Spc (M.S16)
8087Ceiling (M.SW15.I57)	8087SW Perim Spc (M.SW15)	8087Plnm (M.24)
8087Flr (M.S16.I58)	8087South Perim Spc (M.S16)	8087Plnm (M.24)
8087NNE Wall (M.S16.I59)	8087South Perim Spc (M.S16)	8087SE Perim Spc (M.SE19)
8087WNW Wall (M.S16.I60)	8087South Perim Spc (M.S16)	8087Core Spc (M.C22)
8087WNW Wall (M.S16.I61)	8087South Perim Spc (M.S16)	8087West Perim Spc (M.W14)
8087Ceiling (M.S16.I62)	8087South Perim Spc (M.S16)	8087Plnm (M.24)
8087Flr (M.NE17.I63)	8087NE Perim Spc (M.NE17)	8087Plnm (M.24)
8087WNW Wall (M.NE17.I64)	8087NE Perim Spc (M.NE17)	8087NNW Perim Spc (M.NNW13)
8087Ceiling (M.NE17.I65)	8087NE Perim Spc (M.NE17)	8087Plnm (M.24)
8087Flr (M.ENE18.I66)	8087ENE Perim Spc (M.ENE18)	8087Plnm (M.24)
8087NNE Wall (M.ENE18.I67)	8087ENE Perim Spc (M.ENE18)	8087NE Perim Spc (M.NE17)
8087WNW Wall (M.ENE18.I68)	8087ENE Perim Spc (M.ENE18)	8087NNW Perim Spc (M.NNW13)
8087Ceiling (M.ENE18.I69)	8087ENE Perim Spc (M.ENE18)	8087Plnm (M.24)
8087Flr (M.SE19.I70)	8087SE Perim Spc (M.SE19)	8087Plnm (M.24)
8087NNE Wall (M.SE19.I71)	8087SE Perim Spc (M.SE19)	8087ENE Perim Spc (M.ENE18)
8087WNW Wall (M.SE19.I72)	8087SE Perim Spc (M.SE19)	8087Core Spc (M.C22)
8087Ceiling (M.SE19.I73)	8087SE Perim Spc (M.SE19)	8087Plnm (M.24)
8087Flr (M.C20.I74)	8087Core Spc (M.C20)	8087Plnm (M.24)
8087NNE Wall (M.C20.I75)	8087Core Spc (M.C20)	8087ENE Perim Spc (M.ENE18)
8087WNW Wall (M.C20.I76)	8087Core Spc (M.C20)	8087West Perim Spc (M.W14)
8087Ceiling (M.C20.I77)	8087Core Spc (M.C20)	8087Plnm (M.24)
8087Flr (M.C21.I78)	8087Core Spc (M.C21)	8087Plnm (M.24)
8087SSW Wall (M.C21.I79)	8087Core Spc (M.C21)	8087South Perim Spc (M.S16)
8087WNW Wall (M.C21.I80)	8087Core Spc (M.C21)	8087West Perim Spc (M.W14)
8087Ceiling (M.C21.I81)	8087Core Spc (M.C21)	8087Plnm (M.24)

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SURFACE NAME	ADJACENT SPACES	
	SPACE-1	SPACE-2
8087Flr (M.C22.I82)	8087Core Spc (M.C22)	8087Plnm (M.24)
8087SSW Wall (M.C22.I83)	8087Core Spc (M.C22)	8087South Perim Spc (M.S16)
8087Ceiling (M.C22.I84)	8087Core Spc (M.C22)	8087Plnm (M.24)
8087Flr (M.C23.I85)	8087Core Spc (M.C23)	8087Plnm (M.24)
8087SSW Wall (M.C23.I86)	8087Core Spc (M.C23)	8087Core Spc (M.C21)
8087WNW Wall (M.C23.I87)	8087Core Spc (M.C23)	8087Core Spc (M.C21)
8087SSW Wall (M.C23.I88)	8087Core Spc (M.C23)	8087South Perim Spc (M.S16)
8087ESE Wall (M.C23.I89)	8087Core Spc (M.C23)	8087Core Spc (M.C22)
8087SSW Wall (M.C23.I90)	8087Core Spc (M.C23)	8087Core Spc (M.C22)
8087ESE Wall (M.C23.I91)	8087Core Spc (M.C23)	8087SE Perim Spc (M.SE19)
8087NNE Wall (M.C23.I92)	8087Core Spc (M.C23)	8087ENE Perim Spc (M.ENE18)
8087WNW Wall (M.C23.I93)	8087Core Spc (M.C23)	8087Core Spc (M.C20)
8087NNE Wall (M.C23.I94)	8087Core Spc (M.C23)	8087Core Spc (M.C20)
8087WNW Wall (M.C23.I95)	8087Core Spc (M.C23)	8087West Perim Spc (M.W14)
8087Ceiling (M.C23.I96)	8087Core Spc (M.C23)	8087Plnm (M.24)
88Flr (T.NNW25.I97)	88NNW Perim Spc (T.NNW25)	88Plnm (T.36)
88Ceiling (T.NNW25.I98)	88NNW Perim Spc (T.NNW25)	88Plnm (T.36)
88Flr (T.W26.I99)	88West Perim Spc (T.W26)	88Plnm (T.36)
88SSW Wall (T.W26.I100)	88West Perim Spc (T.W26)	88SW Perim Spc (T.SW27)
88NNE Wall (T.W26.I101)	88West Perim Spc (T.W26)	88NNW Perim Spc (T.NNW25)
88Ceiling (T.W26.I102)	88West Perim Spc (T.W26)	88Plnm (T.36)
88Flr (T.SW27.I103)	88SW Perim Spc (T.SW27)	88Plnm (T.36)
88ESE Wall (T.SW27.I104)	88SW Perim Spc (T.SW27)	88South Perim Spc (T.S28)
88Ceiling (T.SW27.I105)	88SW Perim Spc (T.SW27)	88Plnm (T.36)
88Flr (T.S28.I106)	88South Perim Spc (T.S28)	88Plnm (T.36)
88NNE Wall (T.S28.I107)	88South Perim Spc (T.S28)	88SE Perim Spc (T.SE31)
88WNW Wall (T.S28.I108)	88South Perim Spc (T.S28)	88Core Spc (T.C34)
88WNW Wall (T.S28.I109)	88South Perim Spc (T.S28)	88West Perim Spc (T.W26)
88Ceiling (T.S28.I110)	88South Perim Spc (T.S28)	88Plnm (T.36)
88Flr (T.NE29.I111)	88NE Perim Spc (T.NE29)	88Plnm (T.36)
88WNW Wall (T.NE29.I112)	88NE Perim Spc (T.NE29)	88NNW Perim Spc (T.NNW25)
88Ceiling (T.NE29.I113)	88NE Perim Spc (T.NE29)	88Plnm (T.36)
88Flr (T.ENE30.I114)	88ENE Perim Spc (T.ENE30)	88Plnm (T.36)
88NNE Wall (T.ENE30.I115)	88ENE Perim Spc (T.ENE30)	88NE Perim Spc (T.NE29)
88WNW Wall (T.ENE30.I116)	88ENE Perim Spc (T.ENE30)	88NNW Perim Spc (T.NNW25)
88Ceiling (T.ENE30.I117)	88ENE Perim Spc (T.ENE30)	88Plnm (T.36)
88Flr (T.SE31.I118)	88SE Perim Spc (T.SE31)	88Plnm (T.36)
88NNE Wall (T.SE31.I119)	88SE Perim Spc (T.SE31)	88ENE Perim Spc (T.ENE30)
88WNW Wall (T.SE31.I120)	88SE Perim Spc (T.SE31)	88Core Spc (T.C34)
88Ceiling (T.SE31.I121)	88SE Perim Spc (T.SE31)	88Plnm (T.36)
88Flr (T.C32.I122)	88Core Spc (T.C32)	88Plnm (T.36)
88NNE Wall (T.C32.I123)	88Core Spc (T.C32)	88ENE Perim Spc (T.ENE30)
88WNW Wall (T.C32.I124)	88Core Spc (T.C32)	88West Perim Spc (T.W26)
88Ceiling (T.C32.I125)	88Core Spc (T.C32)	88Plnm (T.36)
88Flr (T.C33.I126)	88Core Spc (T.C33)	88Plnm (T.36)
88SSW Wall (T.C33.I127)	88Core Spc (T.C33)	88South Perim Spc (T.S28)
88WNW Wall (T.C33.I128)	88Core Spc (T.C33)	88West Perim Spc (T.W26)
88Ceiling (T.C33.I129)	88Core Spc (T.C33)	88Plnm (T.36)
88Flr (T.C34.I130)	88Core Spc (T.C34)	88Plnm (T.36)
88SSW Wall (T.C34.I131)	88Core Spc (T.C34)	88South Perim Spc (T.S28)
88Ceiling (T.C34.I132)	88Core Spc (T.C34)	88Plnm (T.36)
88Flr (T.C35.I133)	88Core Spc (T.C35)	88Plnm (T.36)
88SSW Wall (T.C35.I134)	88Core Spc (T.C35)	88Core Spc (T.C33)
88WNW Wall (T.C35.I135)	88Core Spc (T.C35)	88Core Spc (T.C33)

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SURFACE NAME	ADJACENT SPACES	
	SPACE-1	SPACE-2
88SSW Wall (T.C35.I136)	88Core Spc (T.C35)	88South Perim Spc (T.S28)
88ESE Wall (T.C35.I137)	88Core Spc (T.C35)	88Core Spc (T.C34)
88SSW Wall (T.C35.I138)	88Core Spc (T.C35)	88Core Spc (T.C34)
88ESE Wall (T.C35.I139)	88Core Spc (T.C35)	88SE Perim Spc (T.SE31)
88NNE Wall (T.C35.I140)	88Core Spc (T.C35)	88ENE Perim Spc (T.ENE30)
88WNW Wall (T.C35.I141)	88Core Spc (T.C35)	88Core Spc (T.C32)
88NNE Wall (T.C35.I142)	88Core Spc (T.C35)	88Core Spc (T.C32)
88WNW Wall (T.C35.I143)	88Core Spc (T.C35)	88West Perim Spc (T.W26)
88Ceiling (T.C35.I144)	88Core Spc (T.C35)	88Plnm (T.36)
89Flr (G.NNW1.I1)	89NNW Perim Spc (G.NNW1)	
89Ceiling (G.NNW1.I2)	89NNW Perim Spc (G.NNW1)	89Plnm (G.11)
89Flr (G.NE2.I3)	89NE Perim Spc (G.NE2)	
89WNW Wall (G.NE2.I4)	89NE Perim Spc (G.NE2)	89NNW Perim Spc (G.NNW1)
89Ceiling (G.NE2.I5)	89NE Perim Spc (G.NE2)	89Plnm (G.11)
89Flr (G.ESE3.I6)	89ESE Perim Spc (G.ESE3)	
89NNE Wall (G.ESE3.I7)	89ESE Perim Spc (G.ESE3)	89NE Perim Spc (G.NE2)
89WNW Wall (G.ESE3.I8)	89ESE Perim Spc (G.ESE3)	89NNW Perim Spc (G.NNW1)
89Ceiling (G.ESE3.I9)	89ESE Perim Spc (G.ESE3)	89Plnm (G.11)
89Flr (G.W4.I10)	89West Perim Spc (G.W4)	
89SSW Wall (G.W4.I11)	89West Perim Spc (G.W4)	89SW Perim Spc (G.SW5)
89ESE Wall (G.W4.I12)	89West Perim Spc (G.W4)	89South Perim Spc (G.S6)
89NNE Wall (G.W4.I13)	89West Perim Spc (G.W4)	89NNW Perim Spc (G.NNW1)
89Ceiling (G.W4.I14)	89West Perim Spc (G.W4)	89Plnm (G.11)
89Flr (G.SW5.I15)	89SW Perim Spc (G.SW5)	
89ESE Wall (G.SW5.I16)	89SW Perim Spc (G.SW5)	89South Perim Spc (G.S6)
89Ceiling (G.SW5.I17)	89SW Perim Spc (G.SW5)	89Plnm (G.11)
89Flr (G.S6.I18)	89South Perim Spc (G.S6)	
89Ceiling (G.S6.I19)	89South Perim Spc (G.S6)	89Plnm (G.11)
89Flr (G.C7.I20)	89Core Spc (G.C7)	
89SSW Wall (G.C7.I21)	89Core Spc (G.C7)	89South Perim Spc (G.S6)
89WNW Wall (G.C7.I22)	89Core Spc (G.C7)	89West Perim Spc (G.W4)
89Ceiling (G.C7.I23)	89Core Spc (G.C7)	89Plnm (G.11)
89Flr (G.C8.I24)	89Core Spc (G.C8)	
89NNE Wall (G.C8.I25)	89Core Spc (G.C8)	89ESE Perim Spc (G.ESE3)
89WNW Wall (G.C8.I26)	89Core Spc (G.C8)	89West Perim Spc (G.W4)
89Ceiling (G.C8.I27)	89Core Spc (G.C8)	89Plnm (G.11)
89Flr (G.ESE9.I28)	89ESE Perim Spc (G.ESE9)	
89SSW Wall (G.ESE9.I29)	89ESE Perim Spc (G.ESE9)	89South Perim Spc (G.S6)
89Ceiling (G.ESE9.I30)	89ESE Perim Spc (G.ESE9)	89Plnm (G.11)
89Flr (G.C10.I31)	89Core Spc (G.C10)	
89NNE Wall (G.C10.I32)	89Core Spc (G.C10)	89ESE Perim Spc (G.ESE3)
89WNW Wall (G.C10.I33)	89Core Spc (G.C10)	89Core Spc (G.C8)
89NNE Wall (G.C10.I34)	89Core Spc (G.C10)	89Core Spc (G.C8)
89WNW Wall (G.C10.I35)	89Core Spc (G.C10)	89West Perim Spc (G.W4)
89SSW Wall (G.C10.I36)	89Core Spc (G.C10)	89Core Spc (G.C7)
89WNW Wall (G.C10.I37)	89Core Spc (G.C10)	89Core Spc (G.C7)
89SSW Wall (G.C10.I38)	89Core Spc (G.C10)	89South Perim Spc (G.S6)
89ESE Wall (G.C10.I39)	89Core Spc (G.C10)	89ESE Perim Spc (G.ESE9)
89SSW Wall (G.C10.I40)	89Core Spc (G.C10)	89ESE Perim Spc (G.ESE9)
89Ceiling (G.C10.I41)	89Core Spc (G.C10)	89Plnm (G.11)
89DBFlr (G.WNW1.I1)	89DBWNW Perim Spc (G.WNW1)	
89DBCeiling (G.WNW1.I2)	89DBWNW Perim Spc (G.WNW1)	89DBPlnm (G.2)
90Flr (G.NNW1.I1)	90NNW Perim Spc (G.NNW1)	
90Ceiling (G.NNW1.I2)	90NNW Perim Spc (G.NNW1)	90Plnm (G.11)

REPORT- LV-F Details of Interior Surfaces

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ADJACENT SPACES

SURFACE NAME	SPACE-1	SPACE-2
90Flr (G.NE2.I3)	90NE Perim Spc (G.NE2)	
90WNW Wall (G.NE2.I4)	90NE Perim Spc (G.NE2)	90NNW Perim Spc (G.NNW1)
90Ceiling (G.NE2.I5)	90NE Perim Spc (G.NE2)	90Plnm (G.11)
90Flr (G.ESE3.I6)	90ESE Perim Spc (G.ESE3)	
90NNE Wall (G.ESE3.I7)	90ESE Perim Spc (G.ESE3)	90NE Perim Spc (G.NE2)
90WNW Wall (G.ESE3.I8)	90ESE Perim Spc (G.ESE3)	90NNW Perim Spc (G.NNW1)
90Ceiling (G.ESE3.I9)	90ESE Perim Spc (G.ESE3)	90Plnm (G.11)
90Flr (G.W4.I10)	90West Perim Spc (G.W4)	
90SSW Wall (G.W4.I11)	90West Perim Spc (G.W4)	90SW Perim Spc (G.SW5)
90ESE Wall (G.W4.I12)	90West Perim Spc (G.W4)	90South Perim Spc (G.S6)
90NNE Wall (G.W4.I13)	90West Perim Spc (G.W4)	90NNW Perim Spc (G.NNW1)
90Ceiling (G.W4.I14)	90West Perim Spc (G.W4)	90Plnm (G.11)
90Flr (G.SW5.I15)	90SW Perim Spc (G.SW5)	
90ESE Wall (G.SW5.I16)	90SW Perim Spc (G.SW5)	90South Perim Spc (G.S6)
90Ceiling (G.SW5.I17)	90SW Perim Spc (G.SW5)	90Plnm (G.11)
90Flr (G.S6.I18)	90South Perim Spc (G.S6)	
90Ceiling (G.S6.I19)	90South Perim Spc (G.S6)	90Plnm (G.11)
90Flr (G.C7.I20)	90Core Spc (G.C7)	
90SSW Wall (G.C7.I21)	90Core Spc (G.C7)	90South Perim Spc (G.S6)
90WNW Wall (G.C7.I22)	90Core Spc (G.C7)	90West Perim Spc (G.W4)
90Ceiling (G.C7.I23)	90Core Spc (G.C7)	90Plnm (G.11)
90Flr (G.C8.I24)	90Core Spc (G.C8)	
90NNE Wall (G.C8.I25)	90Core Spc (G.C8)	90ESE Perim Spc (G.ESE3)
90WNW Wall (G.C8.I26)	90Core Spc (G.C8)	90West Perim Spc (G.W4)
90Ceiling (G.C8.I27)	90Core Spc (G.C8)	90Plnm (G.11)
90Flr (G.ESE9.I28)	90ESE Perim Spc (G.ESE9)	
90SSW Wall (G.ESE9.I29)	90ESE Perim Spc (G.ESE9)	90South Perim Spc (G.S6)
90Ceiling (G.ESE9.I30)	90ESE Perim Spc (G.ESE9)	90Plnm (G.11)
90Flr (G.C10.I31)	90Core Spc (G.C10)	
90NNE Wall (G.C10.I32)	90Core Spc (G.C10)	90ESE Perim Spc (G.ESE3)
90WNW Wall (G.C10.I33)	90Core Spc (G.C10)	90Core Spc (G.C8)
90NNE Wall (G.C10.I34)	90Core Spc (G.C10)	90Core Spc (G.C8)
90WNW Wall (G.C10.I35)	90Core Spc (G.C10)	90West Perim Spc (G.W4)
90SSW Wall (G.C10.I36)	90Core Spc (G.C10)	90Core Spc (G.C7)
90WNW Wall (G.C10.I37)	90Core Spc (G.C10)	90Core Spc (G.C7)
90SSW Wall (G.C10.I38)	90Core Spc (G.C10)	90South Perim Spc (G.S6)
90ESE Wall (G.C10.I39)	90Core Spc (G.C10)	90ESE Perim Spc (G.ESE9)
90SSW Wall (G.C10.I40)	90Core Spc (G.C10)	90ESE Perim Spc (G.ESE9)
90Ceiling (G.C10.I41)	90Core Spc (G.C10)	90Plnm (G.11)
91Flr (G.NNW1.I1)	91NNW Perim Spc (G.NNW1)	
91Ceiling (G.NNW1.I2)	91NNW Perim Spc (G.NNW1)	91Plnm (G.12)
91Flr (G.NE2.I3)	91NE Perim Spc (G.NE2)	
91WNW Wall (G.NE2.I4)	91NE Perim Spc (G.NE2)	91NNW Perim Spc (G.NNW1)
91Ceiling (G.NE2.I5)	91NE Perim Spc (G.NE2)	91Plnm (G.12)
91Flr (G.C3.I6)	91Core Spc (G.C3)	
91NNE Wall (G.C3.I7)	91Core Spc (G.C3)	91NE Perim Spc (G.NE2)
91WNW Wall (G.C3.I8)	91Core Spc (G.C3)	91NNW Perim Spc (G.NNW1)
91ESE Wall (G.C3.I9)	91Core Spc (G.C3)	91ESE Perim Spc (G.ESE11)
91Ceiling (G.C3.I10)	91Core Spc (G.C3)	91Plnm (G.12)
91Flr (G.W4.I11)	91West Perim Spc (G.W4)	
91SSW Wall (G.W4.I12)	91West Perim Spc (G.W4)	91SW Perim Spc (G.SW5)
91ESE Wall (G.W4.I13)	91West Perim Spc (G.W4)	91South Perim Spc (G.S6)
91NNE Wall (G.W4.I14)	91West Perim Spc (G.W4)	91NNW Perim Spc (G.NNW1)
91Ceiling (G.W4.I15)	91West Perim Spc (G.W4)	91Plnm (G.12)

REPORT- LV-F Details of Interior Surfaces

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ADJACENT SPACES		
SURFACE NAME	SPACE-1	SPACE-2
91Flr (G.SW5.I16)	91SW Perim Spc (G.SW5)	
91ESE Wall (G.SW5.I17)	91SW Perim Spc (G.SW5)	91South Perim Spc (G.S6)
91Ceiling (G.SW5.I18)	91SW Perim Spc (G.SW5)	91Plnm (G.12)
91Flr (G.S6.I19)	91South Perim Spc (G.S6)	
91Ceiling (G.S6.I20)	91South Perim Spc (G.S6)	91Plnm (G.12)
91Flr (G.C7.I21)	91Core Spc (G.C7)	
91SSW Wall (G.C7.I22)	91Core Spc (G.C7)	91South Perim Spc (G.S6)
91WNW Wall (G.C7.I23)	91Core Spc (G.C7)	91West Perim Spc (G.W4)
91Ceiling (G.C7.I24)	91Core Spc (G.C7)	91Plnm (G.12)
91Flr (G.C8.I25)	91Core Spc (G.C8)	
91NNE Wall (G.C8.I26)	91Core Spc (G.C8)	91Core Spc (G.C3)
91WNW Wall (G.C8.I27)	91Core Spc (G.C8)	91West Perim Spc (G.W4)
91Ceiling (G.C8.I28)	91Core Spc (G.C8)	91Plnm (G.12)
91Flr (G.C9.I29)	91Core Spc (G.C9)	
91SSW Wall (G.C9.I30)	91Core Spc (G.C9)	91South Perim Spc (G.S6)
91ESE Wall (G.C9.I31)	91Core Spc (G.C9)	91ESE Perim Spc (G.ESE11)
91Ceiling (G.C9.I32)	91Core Spc (G.C9)	91Plnm (G.12)
91Flr (G.C10.I33)	91Core Spc (G.C10)	
91SSW Wall (G.C10.I34)	91Core Spc (G.C10)	91Core Spc (G.C7)
91WNW Wall (G.C10.I35)	91Core Spc (G.C10)	91Core Spc (G.C7)
91SSW Wall (G.C10.I36)	91Core Spc (G.C10)	91South Perim Spc (G.S6)
91ESE Wall (G.C10.I37)	91Core Spc (G.C10)	91Core Spc (G.C9)
91SSW Wall (G.C10.I38)	91Core Spc (G.C10)	91Core Spc (G.C9)
91ESE Wall (G.C10.I39)	91Core Spc (G.C10)	91ESE Perim Spc (G.ESE11)
91NNE Wall (G.C10.I40)	91Core Spc (G.C10)	91Core Spc (G.C3)
91WNW Wall (G.C10.I41)	91Core Spc (G.C10)	91Core Spc (G.C8)
91NNE Wall (G.C10.I42)	91Core Spc (G.C10)	91Core Spc (G.C8)
91WNW Wall (G.C10.I43)	91Core Spc (G.C10)	91West Perim Spc (G.W4)
91Ceiling (G.C10.I44)	91Core Spc (G.C10)	91Plnm (G.12)
91Flr (G.ESE11.I45)	91ESE Perim Spc (G.ESE11)	
91SSW Wall (G.ESE11.I46)	91ESE Perim Spc (G.ESE11)	91South Perim Spc (G.S6)
91Ceiling (G.ESE11.I47)	91ESE Perim Spc (G.ESE11)	91Plnm (G.12)
92Flr (G.NNW1.I1)	92NNW Perim Spc (G.NNW1)	
92Ceiling (G.NNW1.I2)	92NNW Perim Spc (G.NNW1)	92Plnm (G.12)
92Flr (G.NE2.I3)	92NE Perim Spc (G.NE2)	
92WNW Wall (G.NE2.I4)	92NE Perim Spc (G.NE2)	92NNW Perim Spc (G.NNW1)
92Ceiling (G.NE2.I5)	92NE Perim Spc (G.NE2)	92Plnm (G.12)
92Flr (G.C3.I6)	92Core Spc (G.C3)	
92NNE Wall (G.C3.I7)	92Core Spc (G.C3)	92NE Perim Spc (G.NE2)
92WNW Wall (G.C3.I8)	92Core Spc (G.C3)	92NNW Perim Spc (G.NNW1)
92ESE Wall (G.C3.I9)	92Core Spc (G.C3)	92ESE Perim Spc (G.ESE11)
92Ceiling (G.C3.I10)	92Core Spc (G.C3)	92Plnm (G.12)
92Flr (G.W4.I11)	92West Perim Spc (G.W4)	
92SSW Wall (G.W4.I12)	92West Perim Spc (G.W4)	92SW Perim Spc (G.SW5)
92ESE Wall (G.W4.I13)	92West Perim Spc (G.W4)	92South Perim Spc (G.S6)
92NNE Wall (G.W4.I14)	92West Perim Spc (G.W4)	92NNW Perim Spc (G.NNW1)
92Ceiling (G.W4.I15)	92West Perim Spc (G.W4)	92Plnm (G.12)
92Flr (G.SW5.I16)	92SW Perim Spc (G.SW5)	
92ESE Wall (G.SW5.I17)	92SW Perim Spc (G.SW5)	92South Perim Spc (G.S6)
92Ceiling (G.SW5.I18)	92SW Perim Spc (G.SW5)	92Plnm (G.12)
92Flr (G.S6.I19)	92South Perim Spc (G.S6)	
92Ceiling (G.S6.I20)	92South Perim Spc (G.S6)	92Plnm (G.12)
92Flr (G.C7.I21)	92Core Spc (G.C7)	
92SSW Wall (G.C7.I22)	92Core Spc (G.C7)	92South Perim Spc (G.S6)

REPORT- LV-F Details of Interior Surfaces

WEATHER FILE- New York CityNY TMY2

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ADJACENT SPACES

SURFACE NAME	SPACE-1	SPACE-2
92WNW Wall (G.C7.I23)	92Core Spc (G.C7)	92West Perim Spc (G.W4)
92Ceiling (G.C7.I24)	92Core Spc (G.C7)	92Plnm (G.12)
92Flr (G.C8.I25)	92Core Spc (G.C8)	
92NNE Wall (G.C8.I26)	92Core Spc (G.C8)	92Core Spc (G.C3)
92WNW Wall (G.C8.I27)	92Core Spc (G.C8)	92West Perim Spc (G.W4)
92Ceiling (G.C8.I28)	92Core Spc (G.C8)	92Plnm (G.12)
92Flr (G.C9.I29)	92Core Spc (G.C9)	
92SSW Wall (G.C9.I30)	92Core Spc (G.C9)	92South Perim Spc (G.S6)
92ESE Wall (G.C9.I31)	92Core Spc (G.C9)	92ESE Perim Spc (G.ESE11)
92Ceiling (G.C9.I32)	92Core Spc (G.C9)	92Plnm (G.12)
92Flr (G.C10.I33)	92Core Spc (G.C10)	
92SSW Wall (G.C10.I34)	92Core Spc (G.C10)	92Core Spc (G.C7)
92WNW Wall (G.C10.I35)	92Core Spc (G.C10)	92Core Spc (G.C7)
92SSW Wall (G.C10.I36)	92Core Spc (G.C10)	92South Perim Spc (G.S6)
92ESE Wall (G.C10.I37)	92Core Spc (G.C10)	92Core Spc (G.C9)
92SSW Wall (G.C10.I38)	92Core Spc (G.C10)	92Core Spc (G.C9)
92ESE Wall (G.C10.I39)	92Core Spc (G.C10)	92ESE Perim Spc (G.ESE11)
92NNE Wall (G.C10.I40)	92Core Spc (G.C10)	92Core Spc (G.C3)
92WNW Wall (G.C10.I41)	92Core Spc (G.C10)	92Core Spc (G.C8)
92NNE Wall (G.C10.I42)	92Core Spc (G.C10)	92Core Spc (G.C8)
92WNW Wall (G.C10.I43)	92Core Spc (G.C10)	92West Perim Spc (G.W4)
92Ceiling (G.C10.I44)	92Core Spc (G.C10)	92Plnm (G.12)
92Flr (G.ESE11.I45)	92ESE Perim Spc (G.ESE11)	
92SSW Wall (G.ESE11.I46)	92ESE Perim Spc (G.ESE11)	92South Perim Spc (G.S6)
92Ceiling (G.ESE11.I47)	92ESE Perim Spc (G.ESE11)	92Plnm (G.12)

REPORT- LV-H Details of Windows

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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
91ESE Win (G.S6.E11.W1)	0.00	0.46	1	0.502	0.900	0.878	1.000
92WNW Win (G.NNW1.E1.W1)	0.00	0.46	1	0.502	0.900	0.878	1.000
92NNE Win (G.NNW1.E2.W1)	0.00	0.46	1	0.502	0.900	0.878	1.000
92WNW Win (G.NNW1.E3.W1)	0.00	0.46	1	0.502	0.900	0.878	1.000
92NNE Win (G.NNW1.E4.W1)	0.00	0.46	1	0.502	0.900	0.878	1.000
92ESE Win (G.NE2.E5.W1)	0.00	0.46	1	0.502	0.900	0.878	1.000
92NNE Win (G.NE2.E6.W1)	0.00	0.46	1	0.502	0.900	0.878	1.000

REPORT- LV-I Details of Constructions

WEATHER FILE- New York CityNY TMY2

NUMBER OF CONSTRUCTIONS 23 DELAYED 20 QUICK 3

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

REPORT- PS-B Utility and Fuel Use Summary

WEATHER FILE- New York CityNY TMY2

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
EM1 ELECTRICITY													
KWH	458885.	383747.	380461.	340802.	398895.	464203.	544509.	517539.	442475.	362288.	342900.	408125.	5044829.
MAX KW	1041.1	978.8	882.7	841.5	1008.1	1076.7	1161.4	1071.5	1094.8	858.5	830.0	924.2	1161.4
DAY/HR	23/ 9	4/ 9	11/ 9	30/18	10/14	25/13	17/13	27/14	5/13	10/13	22/ 9	4/ 9	7/17
EM2- ELECTRICITY													
KWH	691391.	634537.	727643.	737339.	817870.	848518.	922915.	902812.	837664.	792220.	724704.	710473.	9348085.
MAX KW	2006.1	2012.3	2144.9	2184.7	2444.1	2668.6	2760.3	2626.0	2606.9	2242.1	2095.5	2108.3	2760.3
DAY/HR	23/10	22/16	25/16	30/17	10/14	16/15	17/10	25/14	6/10	9/16	3/16	9/16	7/17
EM3- ELECTRICITY													
KWH	147858.	140517.	182548.	219410.	413888.	575927.	675797.	614853.	482922.	253444.	146056.	150142.	4003362.
MAX KW	392.8	450.0	961.1	1171.7	1380.9	1457.4	1670.6	1387.6	1305.9	1044.5	413.8	431.3	1670.6
DAY/HR	22/22	24/15	25/17	30/19	22/19	2/19	1/19	23/19	7/19	9/15	3/20	8/13	7/ 1
DM1 ELECTRICITY													
KWH	58518.	52857.	58518.	56748.	58588.	56608.	58588.	58588.	56608.	58588.	56537.	58518.	689267.
MAX KW	164.1	164.1	164.1	164.1	164.1	164.1	164.1	164.1	164.1	164.1	164.1	164.1	164.1
DAY/HR	1/20	1/20	1/20	1/20	1/20	1/20	1/20	1/20	1/20	1/20	1/20	1/20	1/ 1
EM4 ELECTRICITY													
KWH	4445.	3800.	4018.	3654.	3082.	2425.	2391.	2435.	2532.	3397.	3809.	4178.	40166.
MAX KW	8.4	7.4	6.7	6.5	6.2	5.8	4.8	4.8	5.8	6.4	6.7	7.2	8.4
DAY/HR	23/ 9	26/ 9	22/ 7	3/ 7	7/ 7	3/10	2/20	1/20	9/ 8	31/ 7	22/ 7	4/ 7	1/23
EM5 ELECTRICITY													
KWH	201272.	184279.	208831.	211073.	218622.	211950.	219406.	219255.	211812.	218495.	208621.	204134.	2517751.
MAX KW	293.5	293.5	294.7	294.7	295.9	296.4	297.7	296.5	296.7	295.5	293.8	294.1	297.7
DAY/HR	1/15	1/14	25/16	30/17	10/14	25/15	17/14	27/14	5/14	10/11	4/12	9/16	7/17
FM1 NATURAL-GAS													
THERM	66288.	46600.	34562.	17250.	9185.	6090.	5229.	5544.	6050.	11889.	26966.	48278.	283929.
MAX THERM/HR	282.3	212.5	160.2	85.7	60.8	30.1	24.9	31.6	37.0	73.1	133.8	159.8	282.3
DAY/HR	23/ 9	26/ 9	5/ 8	3/ 7	7/ 7	13/20	4/11	4/22	20/ 8	30/ 7	21/10	4/ 9	1/23

Note: The yearly WLHP summaries include three entries each:

1. Data for when the loop is heating dominated, with coincident cooling
2. Data for when the loop is cooling dominated, with coincident heating
3. Data for when the loop is floating, with coincident heating and cooling

REPORT- PS-E Energy End-Use Summary for all Fuel Meters

WEATHER FILE- New York CityNY TMY2

(CONTINUED)

SEP													
MBTU	0.	0.	0.	300.	0.	0.	0.	0.	0.	0.	305.	0.	605.
MAX MBTU/HR	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	3.7
DAY/HR	0/ 0	0/ 0	0/ 0	20/ 8	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	20/ 8	0/ 0	20/ 8
PEAK ENDUSE	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	
PEAK PCT	0.0	0.0	0.0	82.2	0.0	0.0	0.0	0.0	0.0	0.0	17.8	0.0	
OCT													
MBTU	0.	0.	0.	854.	0.	0.	0.	0.	0.	0.	335.	0.	1189.
MAX MBTU/HR	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	7.3
DAY/HR	0/ 0	0/ 0	0/ 0	30/ 7	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	30/ 8	0/ 0	30/ 7
PEAK ENDUSE	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	
PEAK PCT	0.0	0.0	0.0	91.9	0.0	0.0	0.0	0.0	0.0	0.0	8.1	0.0	
NOV													
MBTU	0.	0.	0.	2338.	0.	0.	0.	0.	0.	0.	358.	0.	2697.
MAX MBTU/HR	0.0	0.0	0.0	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	13.4
DAY/HR	0/ 0	0/ 0	0/ 0	22/18	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	22/ 8	0/ 0	21/10
PEAK ENDUSE	0.0	0.0	0.0	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	
PEAK PCT	0.0	0.0	0.0	95.6	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	
DEC													
MBTU	0.	0.	0.	4419.	0.	0.	0.	0.	0.	0.	409.	0.	4828.
MAX MBTU/HR	0.0	0.0	0.0	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	16.0
DAY/HR	0/ 0	0/ 0	0/ 0	4/ 9	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	4/ 8	0/ 0	4/ 9
PEAK ENDUSE	0.0	0.0	0.0	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	
PEAK PCT	0.0	0.0	0.0	95.1	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
MBTU	0.	0.	0.	23813.	0.	0.	0.	0.	0.	0.	4580.	0.	28393.
MAX MBTU/HR	0.0	0.0	0.0	27.4	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	28.2
MON/DY	0/ 0	0/ 0	0/ 0	1/23	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/ 9	0/ 0	1/23
PEAK ENDUSE	0.0	0.0	0.0	27.4	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	
PEAK PCT	0.0	0.0	0.0	96.9	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	

REPORT- PV-A Plant Design Parameters

WEATHER FILE- New York CityNY TMY2

*** CIRCULATION LOOPS ***

HEATING CAPACITY (MBTU/HR)	COOLING CAPACITY (MBTU/HR)	LOOP FLOW (GAL/MIN)	TOTAL HEAD (FT)	SUPPLY UA PRODUCT (BTU/HR-F)	SUPPLY LOSS DT (F)	RETURN UA PRODUCT (BTU/HR-F)	RETURN LOSS DT (F)	LOOP VOLUME (GAL)	FLUID HEAT CAPACITY (BTU/LB-F)	
PCHW	0.000	7.455	1234.4	56.6	0.0	0.00	0.0	0.00	1851.5	1.00
Retail PCW	0.000	19.593	3890.4	61.6	0.0	0.00	0.0	0.00	5835.6	1.00
Upper Res PHW -12.322	0.000	495.3	36.6	0.0	0.00	0.0	0.00	743.0	1.00	
Lower Res PHW -6.039	0.000	242.7	36.6	0.0	0.00	0.0	0.00	364.0	1.00	
Retail PHW -22.619	0.000	906.1	36.6	0.0	0.00	0.0	0.00	1359.1	1.00	
Upper DHW Res -0.369	0.000	38.4	6.4	0.0	0.00	0.0	0.00	57.6	1.00	
Lower DHW Res -0.369	0.000	38.4	6.4	0.0	0.00	0.0	0.00	57.6	1.00	
Retail DHW Loop -0.086	0.000	2.2	0.0	0.0	0.00	0.0	0.00	3.2	1.00	
Res PCW -19.499	47.365	9111.6	51.6	0.0	0.00	0.0	0.00	13667.4	1.00	
___SCW 90 -12.554	26.396	5183.4	41.6	0.0	0.00	0.0	0.00	7775.1	1.00	
___SCW 67 -2.698	6.822	1339.6	41.6	0.0	0.00	0.0	0.00	2009.4	1.00	
___SCW 46 -5.213	13.182	2588.6	41.6	0.0	0.00	0.0	0.00	3882.9	1.00	

*** PUMPS ***

ATTACHED TO	FLOW (GAL/MIN)	HEAD (FT)	HEAD SETPOINT (FT)	CAPACITY CONTROL	POWER (KW)	MECHANICAL EFFICIENCY (FRAC)	MOTOR EFFICIENCY (FRAC)
PCHW Pump PCHW PRIMARY LOOP	2 PUMP(s) 1357.8	75.0	37.6	VFD&STAGED	29.696	0.760	0.850
SCW90 Pump ___SCW 90 SECONDARY LOOP	1 PUMP(s) 5183.4	125.0	42.6	VAR-SPEED	149.034	0.910	0.900
Res PCW Pump Res PCW	1 PUMP(s) 9111.6	150.0	32.6	VAR-SPEED	314.372	0.910	0.900

REPORT- PV-A Plant Design Parameters

WEATHER FILE- New York CityNY TMY2

(CONTINUED)

PRIMARY LOOP

Retail PCW Pump	3 PUMP(s)							
Retail PCW		4860.0	110.0	42.6	VFD&STAGED	122.967	0.910	0.900
PRIMARY LOOP								
Upper Res PHW Pump	1 PUMP(s)							
Upper Res PHW		495.3	205.0	32.6	VAR-SPEED	23.357	0.910	0.900
PRIMARY LOOP								
Lower Res PHW Pump	1 PUMP(s)							
Lower Res PHW		242.7	195.0	32.6	VAR-SPEED	10.885	0.910	0.900
PRIMARY LOOP								
Retail PHW Pump	1 PUMP(s)							
Retail PHW		906.1	80.0	32.6	VAR-SPEED	16.673	0.910	0.900
PRIMARY LOOP								
Upper DHW Res Pump	1 PUMP(s)							
Upper DHW Res		29.0	80.0	0.0	ONE-SPEED	0.534	0.910	0.900
PRIMARY LOOP								
Lower DHW Res Pump	1 PUMP(s)							
Lower DHW Res		29.0	80.0	0.0	ONE-SPEED	0.534	0.910	0.900
PRIMARY LOOP								
SCW 67 Pump	1 PUMP(s)							
__SCW 67		1339.6	125.0	42.6	VAR-SPEED	38.515	0.910	0.900
SECONDARY LOOP								
SCW 46 Pump	1 PUMP(s)							
__SCW 46		2588.6	125.0	42.6	VAR-SPEED	74.427	0.910	0.900
SECONDARY LOOP								

*** PRIMARY EQUIPMENT ***

EQUIPMENT TYPE	ATTACHED TO	RATED CAPACITY (MBTU/HR)	FLOW (GAL/MIN)	RATED EIR (FRAC)	RATED HIR (FRAC)	AUXILIARY (KW)
-----	-----	-----	-----	-----	-----	-----
B-6-1 HW-BOILER	Retail PHW	-11.310	453.0	0.000	1.250	0.000
B-6-2 HW-BOILER	Retail PHW	-11.310	453.0	0.000	1.250	0.000
Fake - HP Loop Boiler HW-BOILER	Res PCW	-19.499	9111.6	0.000	1.250	0.000
B-7-2 HW-BOILER	Lower Res PHW	-6.039	242.7	0.000	1.250	0.000
B-67-1 HW-BOILER	Upper Res PHW	-6.161	247.7	0.000	1.250	0.000
B-67-2 HW-BOILER	Upper Res PHW	-6.161	247.7	0.000	1.250	0.000
Chiller 1 ELEC-OPEN-CENT	PCHW	8.379	1378.9	0.162	0.000	0.000

REPORT- PV-A Plant Design Parameters

WEATHER FILE- New York CityNY TMY2

(CONTINUED)

Retail PCW		9.501	1898.8					
Chiller 2								
ELEC-OPEN-CENT	PCHW	8.379	1378.9	0.162	0.000	0.000		
	Retail PCW	9.501	1898.8					
*** COOLING TOWERS ***								
EQUIPMENT TYPE	ATTACHED TO	CAPACITY (MBTU/HR)	FLOW (GAL/MIN)	NUMBER OF CELLS	FAN POWER PER CELL (KW)	SPRAY PWR PER CELL (KW)	AUXILIARY (KW)	
CT-1 OPEN-TWR	Retail PCW	19.593	3915.6	1	60.288	0.000	0.000	
CT-HP OPEN-TWR	Res PCW	47.365	9465.4	1	99.558	0.000	0.000	
*** DW-HEATERS ***								
EQUIPMENT TYPE	ATTACHED TO	CAPACITY (MBTU/HR)	FLOW (GAL/MIN)	EIR (FRAC)	HIR (FRAC)	AUXILIARY (KW)	TANK (GAL)	TANK UA (BTU/HR-F)
Nordstrom Elec DHW Heater ELEC DW-HEATER	Retail DHW Loop	-0.086	2.2	1.000	0.000	0.000	150.0	15.00
Lower Res Gas DHW Heater GAS DW-HEATER	Lower DHW Res	-0.369	38.4	0.000	1.250	0.000	600.0	180.00
Upper Res Gas DHW Heater GAS DW-HEATER	Upper DHW Res	-0.369	38.4	0.000	1.250	0.000	600.0	180.00

REPORT- SV-A System Design Parameters for SC2 (Retail)

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)	
PVAVS	1.000	28708.8	574.	0.237	1595.838	0.612	0.000	0.220	0.000	0.000	
FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	36935.	1.00	35.790	2.99	0.0	0.63	0.00	DRAW-THRU	BY USER	1.10	0.30
ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC2WNW Perim Zn (B.WNW1)	2236.	0.	0.000	0.348	622.	0.00	0.00	50.70	-96.58	-30.18	1.
SC2NNE Perim Zn (B.NNE2)	2978.	0.	0.000	0.348	829.	0.00	0.00	67.54	-128.64	-40.20	1.
SC2Core Zn (B.C4)	8499.	0.	0.000	0.348	2365.	0.00	0.00	192.77	-367.18	-114.74	1.
SC2SW Perim Zn (B.SW5)	1697.	0.	0.000	0.232	315.	0.00	0.00	38.50	-73.33	-22.91	1.
SC2Core Zn (B.C9)	14927.	0.	0.000	0.232	2769.	0.00	0.00	338.54	-644.84	-201.51	1.
SC2Core Zn (B.C11)	6598.	0.	0.000	0.348	1836.	0.00	0.00	149.64	-285.03	-89.07	1.
SC2WNW Perim Zn (B.WNW6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
SC2Core Zn (B.C10)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for SC1 (Retail)

WEATHER FILE- New York CityNY TMY2

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

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

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

REPORT- SV-A System Design Parameters for Cellar (Retail)

WEATHER FILE- New York CityNY TMY2

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

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

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

REPORT- SV-A System Design Parameters for Ground (Retail)

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)	
PVAVS	1.000	66082.3	638.	0.111	2788.391	0.643	0.000	0.220	0.000	0.000	
FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	76458.	1.00	74.088	2.99	0.0	0.63	0.00	DRAW-THRU	BY USER	1.10	0.30
ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
GNW Perim Zn (G.NW2)	12082.	0.	0.000	0.089	859.	0.00	0.00	274.02	-326.21	-188.11	1.
GNNE Perim Zn (G.NNE3)	2771.	0.	0.000	0.178	394.	0.00	0.00	62.84	-31.25	(BASEBOARDS)	1.
GEast Perim Zn (G.E6)	1394.	0.	0.000	0.263	293.	0.00	0.00	31.63	-74.81	-62.41	1.
GWest Perim Zn (G.W8)	1905.	0.	0.000	0.102	156.	0.00	0.00	43.21	-31.25	(BASEBOARDS)	1.
GSSW Perim Zn (G.SSW9)	1577.	0.	0.000	0.253	320.	0.00	0.00	35.76	-37.65	-43.82	1.
GESE Perim Zn (G.ESE10)	1011.	0.	0.000	0.178	144.	0.00	0.00	22.92	-31.25	(BASEBOARDS)	1.
GSSW Perim Zn (G.SSW12)	5955.	0.	0.000	0.126	599.	0.00	0.00	135.06	-51.44	-50.72	1.
GCore Zn (G.C13)	7074.	0.	0.000	0.178	1006.	0.00	0.00	160.43	-31.25	(BASEBOARDS)	1.
GCore Zn (G.C14)	1744.	0.	0.000	0.133	186.	0.00	0.00	39.54	-42.58	-46.29	1.
GNNE Perim Zn (G.NNE15)	9821.	0.	0.000	0.089	698.	0.00	0.00	222.75	-31.25	(BASEBOARDS)	1.
GCore Zn (G.C16)	19692.	0.	0.000	0.089	1400.	0.00	0.00	446.62	-265.17	-157.59	1.
GCore Zn (G.C17)	11432.	0.	0.000	0.267	2439.	0.00	0.00	259.29	-31.25	(BASEBOARDS)	1.
GNW Perim Zn (G.NW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-31.25	(BASEBOARDS)	1.
GSSW Perim Zn (G.SSW4)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-531.69	-290.84	1.
GWest Perim Zn (G.W5)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-31.25	(BASEBOARDS)	1.
GNNE Perim Zn (G.NNE7)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-308.68	-179.34	1.
GPl Zn (G.18)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-31.25	(BASEBOARDS)	1.

REPORT- SV-A System Design Parameters for 1Mezz (Retail)

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
PVAVS	1.000	33093.9	662.	0.235	1736.677	0.613	0.000	0.220	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	40200.	1.00	38.954	2.99	0.0	0.63	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
1MNorth Perim Zn (G.N2)	2526.	0.	0.000	0.333	674.	0.00	0.00	57.30	-68.21	-34.11	1.
1MSW Perim Zn (G.SW3)	2294.	0.	0.000	0.263	482.	0.00	0.00	52.02	-61.93	-30.97	1.
1MSSW Perim Zn (G.SSW5)	2697.	0.	0.000	0.333	719.	0.00	0.00	61.17	-72.83	-36.41	1.
1MNNE Perim Zn (G.NNE6)	3666.	0.	0.000	0.241	707.	0.00	0.00	83.14	-98.98	-49.49	1.
1MESE Perim Zn (G.ESE7)	6492.	0.	0.000	0.167	866.	0.00	0.00	147.23	-175.27	-87.64	1.
1MCore Zn (G.C10)	5304.	0.	0.000	0.333	1415.	0.00	0.00	120.30	-143.22	-71.61	1.
1MCore Zn (G.C11)	17221.	0.	0.000	0.333	4592.	0.00	0.00	390.56	-464.96	-232.48	1.
1MNW Perim Zn (G.NW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
1MSW Perim Zn (G.SW4)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
1MCore Zn (G.C9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for 2 (Retail)

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)	
PVAVS	1.000	36126.6	723.	0.160	2437.510	0.627	0.000	0.220	0.000	0.000	
FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	62087.	1.00	60.163	2.99	0.0	0.63	0.00	DRAW-THRU	BY USER	1.10	0.30
ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
25North Perim Zn (G.N2)	3947.	0.	0.000	0.213	674.	0.00	0.00	89.53	-106.58	-78.29	1.
25SSW Perim Zn (G.SSW5)	7534.	0.	0.000	0.117	703.	0.00	0.00	170.88	-31.25	(BASEBOARDS)	1.
25Core Zn (G.C6)	8671.	0.	0.000	0.267	1850.	0.00	0.00	196.65	-203.43	-126.71	1.
25West Perim Zn (G.W7)	2051.	0.	0.000	0.095	156.	0.00	0.00	46.51	-31.25	(BASEBOARDS)	1.
25SSW Perim Zn (G.SSW8)	2247.	0.	0.000	0.178	320.	0.00	0.00	50.96	-234.11	-142.05	1.
25ESE Perim Zn (G.ESE9)	4473.	0.	0.000	0.133	477.	0.00	0.00	101.46	-31.25	(BASEBOARDS)	1.
25ESE Perim Zn (G.ESE10)	2732.	0.	0.000	0.178	389.	0.00	0.00	61.96	-55.37	-52.68	1.
25NNE Perim Zn (G.NNE11)	4894.	0.	0.000	0.133	522.	0.00	0.00	110.99	-31.25	(BASEBOARDS)	1.
25NNE Perim Zn (G.NNE12)	1737.	0.	0.000	0.133	185.	0.00	0.00	39.40	-60.67	-55.33	1.
25Core Zn (G.C15)	14022.	0.	0.000	0.267	2991.	0.00	0.00	318.03	-31.25	(BASEBOARDS)	1.
25Core Zn (G.C16)	9779.	0.	0.000	0.213	1669.	0.00	0.00	221.79	-378.60	-214.30	1.
25NW Perim Zn (G.NW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-264.03	-157.02	1.
25SSW Perim Zn (G.SSW3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-31.25	(BASEBOARDS)	1.
25West Perim Zn (G.W4)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
25Core Zn (G.C13)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
25Core Zn (G.C14)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for 3-4 (Retail)

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)	
PVAVS	1.000	72253.2	1445.	0.112	6488.972	0.643	0.000	0.220	0.000	0.000	
FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	177965.	1.00	172.448	2.99	0.0	0.63	0.00	DRAW-THRU	BY USER	1.10	0.30
ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
25North Perim Zn (M.N18)	4737.	0.	0.000	0.178	674.	0.00	0.00	107.43	-127.89	-88.95	2.
25SSW Perim Zn (M.SSW21)	9798.	0.	0.000	0.090	703.	0.00	0.00	222.22	-31.25 (BASEBOARDS)	-264.54	2.
25Core Zn (M.C22)	17341.	0.	0.000	0.133	1850.	0.00	0.00	393.30	-31.25 (BASEBOARDS)	-468.21	2.
25West Perim Zn (M.W23)	2564.	0.	0.000	0.076	156.	0.00	0.00	58.16	-31.25 (BASEBOARDS)	-69.24	2.
25SSW Perim Zn (M.SSW24)	2247.	0.	0.000	0.178	320.	0.00	0.00	50.96	-31.25 (BASEBOARDS)	-60.67	2.
25ESE Perim Zn (M.ESE25)	4473.	0.	0.000	0.133	477.	0.00	0.00	101.46	-31.25 (BASEBOARDS)	-70.35	2.
25ESE Perim Zn (M.ESE26)	3643.	0.	0.000	0.133	389.	0.00	0.00	82.62	-31.25 (BASEBOARDS)	-120.78	2.
25NNE Perim Zn (M.NNE27)	4894.	0.	0.000	0.133	522.	0.00	0.00	110.99	-31.25 (BASEBOARDS)	-98.35	2.
25NNE Perim Zn (M.NNE28)	2606.	0.	0.000	0.089	185.	0.00	0.00	59.09	-31.25 (BASEBOARDS)	-74.18	2.
25Core Zn (M.C31)	21034.	0.	0.000	0.178	2991.	0.00	0.00	477.04	-31.25 (BASEBOARDS)	-132.13	2.
25Core Zn (M.C32)	15646.	0.	0.000	0.133	1669.	0.00	0.00	354.86	-31.25 (BASEBOARDS)	-70.35	2.
25NW Perim Zn (M.NW17)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-567.91	-308.95	2.
25SSW Perim Zn (M.SSW19)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-422.45	-236.23	2.
25West Perim Zn (M.W20)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-31.25 (BASEBOARDS)	0.00	2.
25Core Zn (M.C29)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.
25Core Zn (M.C30)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.

REPORT- SV-A System Design Parameters for 5 (Retail)

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)	
PVAVS	1.000	36126.6	723.	0.151	2408.743	0.648	0.000	0.220	0.000	0.000	
FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	66010.	1.00	34.391	1.61	0.0	0.63	0.00	DRAW-THRU	BY USER	1.10	0.30
ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
25North Perim Zn (T.N34)	4737.	0.	0.000	0.178	674.	0.00	0.00	107.43	-127.89	-88.95	1.
25SSW Perim Zn (T.SSW37)	10608.	0.	0.000	0.083	703.	0.00	0.00	240.58	-31.25	(BASEBOARDS)	1.
25Core Zn (T.C38)	8671.	0.	0.000	0.267	1850.	0.00	0.00	196.65	-286.40	-168.20	1.
25West Perim Zn (T.W39)	2521.	0.	0.000	0.077	156.	0.00	0.00	57.18	-31.25	(BASEBOARDS)	1.
25SSW Perim Zn (T.SSW40)	1702.	0.	0.000	0.235	320.	0.00	0.00	38.61	-234.11	-142.05	1.
25ESE Perim Zn (T.ESE41)	3355.	0.	0.000	0.178	477.	0.00	0.00	76.09	-31.25	(BASEBOARDS)	1.
25ESE Perim Zn (T.ESE42)	3643.	0.	0.000	0.133	389.	0.00	0.00	82.62	-68.08	-59.04	1.
25NNE Perim Zn (T.NNE43)	4996.	0.	0.000	0.131	522.	0.00	0.00	113.30	-31.25	(BASEBOARDS)	1.
25NNE Perim Zn (T.NNE44)	1977.	0.	0.000	0.117	185.	0.00	0.00	44.84	-45.96	-47.98	1.
25Core Zn (T.C47)	14022.	0.	0.000	0.267	2991.	0.00	0.00	318.03	-31.25	(BASEBOARDS)	1.
25Core Zn (T.C48)	9779.	0.	0.000	0.213	1669.	0.00	0.00	221.79	-90.59	-70.29	1.
25NW Perim Zn (T.NW33)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-98.35	-74.18	1.
25SSW Perim Zn (T.SSW35)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-31.25	(BASEBOARDS)	1.
25West Perim Zn (T.W36)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-134.89	-92.44	1.
25Core Zn (T.C45)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-53.38	-51.69	1.
25Core Zn (T.C46)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-31.25	(BASEBOARDS)	1.

REPORT- SV-A System Design Parameters for HP Low Res

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)	
HP	1.000	306614.7	230.	0.000	0.000	0.000	0.000	0.302	0.356	0.000	
FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	158195.	0.00	0.001	2.17	0.0	0.00	0.00	BLOW-THRU	CONSTANT	0.00	0.00
ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
12WNW Perim Zn (G.WNW6)	1432.	0.	1.003	1.000	0.	45.33	0.69	31.97	-38.50	-63.43	1.
12NNE Perim Zn (G.NNE7)	4566.	0.	3.200	1.000	0.	143.25	0.69	101.96	-25.00	-147.56	1.
12SSE Perim Zn (G.SSE11)	2211.	0.	1.549	1.000	0.	69.70	0.69	49.37	-25.00	-84.35	1.
12West Perim Zn (G.W12)	1565.	0.	1.097	1.000	0.	49.38	0.69	34.94	-25.00	-67.00	1.
12WNW Perim Zn (G.WNW13)	1220.	0.	0.855	1.000	0.	38.18	0.69	27.24	-25.00	-57.75	1.
1519WNW Perim Zn (G.WNW6)	1432.	0.	1.003	1.000	0.	45.33	0.69	31.97	-25.00	-63.43	3.
1519NNE Perim Zn (G.NNE7)	4566.	0.	3.200	1.000	0.	143.25	0.69	101.96	-25.00	-147.56	3.
1519East Perim Zn (G.E8)	1134.	0.	0.795	1.000	0.	35.79	0.69	25.33	-25.00	-55.45	3.
1519ESE Perim Zn (G.ESE9)	981.	0.	0.688	1.000	0.	30.84	0.69	21.92	-25.00	-51.34	3.
1519South Perim Zn (G.S10)	561.	0.	0.393	1.000	0.	17.77	0.69	12.72	-25.00	-40.06	3.
1519SSE Perim Zn (G.SSE11)	2211.	0.	1.549	1.000	0.	69.70	0.69	49.37	-25.00	-84.35	3.
1519West Perim Zn (G.W12)	1565.	0.	1.097	1.000	0.	49.38	0.69	34.94	-25.00	-67.00	3.
1519WNW Perim Zn (G.WNW13)	1220.	0.	0.855	1.000	0.	38.18	0.69	27.24	-25.00	-57.75	3.
1519WNW Perim Zn (M.WNW20)	1432.	0.	1.003	1.000	0.	45.41	0.69	31.97	-25.00	-63.43	1.
1519NNE Perim Zn (M.NNE21)	4566.	0.	3.200	1.000	0.	143.06	0.69	101.96	-25.00	-147.56	1.
1519East Perim Zn (M.E22)	1134.	0.	0.795	1.000	0.	35.79	0.69	25.33	-25.00	-55.45	1.
1519ESE Perim Zn (M.ESE23)	981.	0.	0.688	1.000	0.	30.88	0.69	21.92	-25.00	-51.34	1.
1519South Perim Zn (M.S24)	609.	0.	0.427	1.000	0.	19.26	0.69	13.81	-25.00	-41.34	1.
1519SSE Perim Zn (M.SSE25)	2211.	0.	1.549	1.000	0.	69.39	0.69	49.37	-25.00	-84.35	1.
1519West Perim Zn (M.W26)	1565.	0.	1.097	1.000	0.	49.38	0.69	34.94	-25.00	-67.00	1.
1519WNW Perim Zn (M.WNW27)	1220.	0.	0.855	1.000	0.	38.18	0.69	27.24	-25.00	-57.75	1.

2026Core Zn (M.C18)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
2026Pl Zn (M.28)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	5.
2026Core Zn (T.C29)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for	HP Low Res	WEATHER FILE- New York CityNY TMY2									
(CONTINUED)											
2026Core Zn (T.C30)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Core Zn (T.C31)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Core Zn (T.C32)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2026Pl Zn (T.42)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for HP Low-Mid Res

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)	
HP	1.000	303446.3	169.	0.000	0.000	0.000	0.000	0.302	0.356	0.000	
FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	157868.	0.00	0.001	2.17	0.0	0.00	0.00	BLOW-THRU	CONSTANT	0.00	0.00
ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
28NNW Perim Zn (G.NNW5)	1649.	0.	1.156	1.000	0.	51.90	0.69	36.83	-44.08	-69.27	1.
28NNE Perim Zn (G.NNE6)	1654.	0.	1.159	1.000	0.	51.78	0.69	36.93	-25.00 (BASEBOARDS)	-43.98	1.
28East Perim Zn (G.E7)	1134.	0.	0.795	1.000	0.	35.74	0.69	25.33	-25.00 (BASEBOARDS)	-30.36	1.
28ESE Perim Zn (G.ESE8)	981.	0.	0.688	1.000	0.	30.79	0.69	21.92	-25.00 (BASEBOARDS)	-26.16	1.
28South Perim Zn (G.S9)	544.	0.	0.382	1.000	0.	17.20	0.69	12.35	-25.00 (BASEBOARDS)	-14.61	1.
28SSW Perim Zn (G.SSW10)	668.	0.	0.468	1.000	0.	21.03	0.69	14.92	-25.00 (BASEBOARDS)	-17.86	1.
28SW Perim Zn (G.SW11)	666.	0.	0.467	1.000	0.	21.07	0.69	14.88	-25.00 (BASEBOARDS)	-17.90	1.
28WNW Perim Zn (G.WNW12)	1427.	0.	1.000	1.000	0.	44.72	0.69	31.87	-25.00 (BASEBOARDS)	-37.99	1.
2936NNW Perim Zn (M.NNW18)	1649.	0.	1.156	1.000	0.	51.90	0.69	36.83	-25.00 (BASEBOARDS)	-44.08	8.
2936NNE Perim Zn (M.NNE19)	1654.	0.	1.159	1.000	0.	51.86	0.69	36.93	-25.00 (BASEBOARDS)	-44.05	8.
2936East Perim Zn (M.E20)	1134.	0.	0.795	1.000	0.	35.74	0.69	25.33	-25.00 (BASEBOARDS)	-30.36	8.
2936ESE Perim Zn (M.ESE21)	981.	0.	0.688	1.000	0.	30.81	0.69	21.92	-25.00 (BASEBOARDS)	-26.17	8.
2936South Perim Zn (M.S22)	577.	0.	0.404	1.000	0.	18.24	0.69	13.08	-25.00 (BASEBOARDS)	-15.50	8.
2936SSW Perim Zn (M.SSW23)	668.	0.	0.468	1.000	0.	21.09	0.69	14.92	-25.00 (BASEBOARDS)	-17.91	8.
2936SW Perim Zn (M.SW24)	678.	0.	0.475	1.000	0.	21.50	0.69	15.38	-25.00 (BASEBOARDS)	-18.26	8.
2936WNW Perim Zn (M.WNW25)	1427.	0.	1.000	1.000	0.	44.72	0.69	31.87	-25.00 (BASEBOARDS)	-37.99	8.
3744NNW Perim Zn (M.NNW18)	1649.	0.	1.156	1.000	0.	51.90	0.69	36.83	-25.00 (BASEBOARDS)	-44.08	8.
3744NNE Perim Zn (M.NNE19)	1654.	0.	1.159	1.000	0.	51.86	0.69	36.93	-25.00 (BASEBOARDS)	-44.05	8.
3744East Perim Zn (M.E20)	1134.	0.	0.795	1.000	0.	35.74	0.69	25.33	-25.00 (BASEBOARDS)	-30.36	8.
3744ESE Perim Zn (M.ESE21)	981.	0.	0.688	1.000	0.	30.81	0.69	21.92	-25.00 (BASEBOARDS)	-26.17	8.
3744South Perim Zn (M.S22)	577.	0.	0.404	1.000	0.	18.24	0.69	13.08	-25.00 (BASEBOARDS)	-15.50	8.

3744SSW Perim Zn (M.SSW23)	668.	0.	0.468	1.000	0.	21.09	0.69	14.92	-17.91	-42.94	8.
									-25.00	(BASEBOARDS)	
3744SW Perim Zn (M.SW24)	681.	0.	0.477	1.000	0.	21.58	0.69	15.44	-18.33	-43.28	8.
									-25.00	(BASEBOARDS)	
3744WNW Perim Zn (M.WNW25)	1427.	0.	1.000	1.000	0.	44.72	0.69	31.87	-37.99	-63.30	8.
									-25.00	(BASEBOARDS)	
45NNW Perim Zn (T.NNW31)	1649.	0.	1.156	1.000	0.	51.90	0.69	36.83	-44.08	-69.27	1.
									-25.00	(BASEBOARDS)	
45NNE Perim Zn (T.NNE32)	1654.	0.	1.159	1.000	0.	51.86	0.69	36.93	-44.05	-69.39	1.
									-25.00	(BASEBOARDS)	
45East Perim Zn (T.E33)	1134.	0.	0.795	1.000	0.	35.74	0.69	25.33	-30.36	-55.45	1.
									-25.00	(BASEBOARDS)	
45ESE Perim Zn (T.ESE34)	981.	0.	0.688	1.000	0.	30.81	0.69	21.92	-26.17	-51.34	1.
									-25.00	(BASEBOARDS)	
45South Perim Zn (T.S35)	604.	0.	0.423	1.000	0.	19.12	0.69	13.70	-16.24	-41.22	1.
									-25.00	(BASEBOARDS)	
45SSW Perim Zn (T.SSW36)	668.	0.	0.468	1.000	0.	21.09	0.69	14.92	-17.91	-42.94	1.
									-25.00	(BASEBOARDS)	
45SW Perim Zn (T.SW37)	712.	0.	0.499	1.000	0.	22.53	0.69	16.14	-19.14	-44.10	1.
									-25.00	(BASEBOARDS)	
45WNW Perim Zn (T.WNW38)	1427.	0.	1.000	1.000	0.	44.72	0.69	31.87	-37.99	-63.30	1.
									-25.00	(BASEBOARDS)	
28Core Zn (G.C1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
28Core Zn (G.C2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
28Core Zn (G.C3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
28Pl Zn (G.13)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
2936Core Zn (M.C14)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
2936Core Zn (M.C15)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
2936Core Zn (M.C16)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
2936Pl Zn (M.26)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.

REPORT- SV-A System Design Parameters for	HP Low-Mid Res	WEATHER FILE- New York CityNY TMY2									
(CONTINUED)											
3744Core Zn (M.C14)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
3744Core Zn (M.C15)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
3744Core Zn (M.C16)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
3744Pl Zn (M.26)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.
45Core Zn (T.C27)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
45Core Zn (T.C28)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
45Core Zn (T.C29)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
45Pl Zn (T.39)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

5765SSE Perim Zn (M.SSE18	632.	0.	0.443	1.000	0.	20.04	0.69	14.33	-17.02	-41.96	9.
									-25.00	(BASEBOARDS)	
5765ESE Perim Zn (M.ESE19	981.	0.	0.688	1.000	0.	30.84	0.69	21.92	-26.19	-51.34	9.
									-25.00	(BASEBOARDS)	
5765ENE Perim Zn (M.ENE20	740.	0.	0.519	1.000	0.	23.42	0.69	16.53	-19.89	-44.87	9.
									-25.00	(BASEBOARDS)	
5765NE Perim Zn (M.NE21)	1392.	0.	0.976	1.000	0.	43.74	0.69	31.10	-37.15	-62.38	9.
									-25.00	(BASEBOARDS)	
66NNW Perim Zn (T.NNW27)	1338.	0.	0.938	1.000	0.	42.24	0.69	29.89	-35.88	-60.92	1.
									-25.00	(BASEBOARDS)	
66West Perim Zn (T.W28)	1641.	0.	1.150	1.000	0.	51.49	0.69	36.64	-43.73	-69.04	1.
									-25.00	(BASEBOARDS)	
66SW Perim Zn (T.SW29)	584.	0.	0.409	1.000	0.	18.54	0.69	13.25	-15.74	-40.68	1.
									-25.00	(BASEBOARDS)	
66SSW Perim Zn (T.SSW30)	852.	0.	0.597	1.000	0.	26.85	0.69	19.04	-22.80	-47.88	1.
									-25.00	(BASEBOARDS)	
66SSE Perim Zn (T.SSE31)	653.	0.	0.458	1.000	0.	20.71	0.69	14.82	-17.59	-42.54	1.
									-25.00	(BASEBOARDS)	
66ESE Perim Zn (T.ESE32)	981.	0.	0.688	1.000	0.	30.84	0.69	21.92	-26.19	-51.34	1.
									-25.00	(BASEBOARDS)	
66ENE Perim Zn (T.ENE33)	740.	0.	0.519	1.000	0.	23.42	0.69	16.53	-19.89	-44.87	1.
									-25.00	(BASEBOARDS)	
66NE Perim Zn (T.NE34)	1392.	0.	0.976	1.000	0.	43.74	0.69	31.10	-37.15	-62.38	1.
									-25.00	(BASEBOARDS)	
47Core Zn (G.C9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
47Core Zn (G.C10)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
47Core Zn (G.C11)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
47P1 Zn (G.13)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
4856Core Zn (M.C22)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
4856Core Zn (M.C23)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
4856Core Zn (M.C24)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.

REPORT- SV-A System Design Parameters for	HP Upp-Mid Res	WEATHER FILE- New York CityNY TMY2									
(CONTINUED)											
4856Pl Zn (M.26)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
5765Core Zn (M.C22)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
5765Core Zn (M.C23)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
5765Core Zn (M.C24)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
5765Pl Zn (M.26)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.
66Core Zn (T.C35)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
66Core Zn (T.C36)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
66Core Zn (T.C37)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
66Pl Zn (T.39)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for HP Upper Res

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)	
HP	1.000	322230.7	144.	0.000	0.000	0.000	0.000	0.302	0.356	0.000	
FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	168185.	0.00	0.001	2.17	0.0	0.00	0.00	BLOW-THRU	CONSTANT	0.00	0.00
ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
68NNW Perim Zn (G.NNW1)	1187.	0.	0.832	1.000	0.	37.65	0.69	26.92	-31.98	-56.86	1.
68NE Perim Zn (G.NE2)	1469.	0.	1.030	1.000	0.	46.35	0.69	32.82	-25.00	(BASEBOARDS)	1.
68ESE Perim Zn (G.ESE3)	429.	0.	0.301	1.000	0.	13.87	0.68	9.73	-39.37	-64.44	1.
68West Perim Zn (G.W4)	1554.	0.	1.089	1.000	0.	48.90	0.69	34.72	-25.00	(BASEBOARDS)	1.
68SW Perim Zn (G.SW5)	571.	0.	0.400	1.000	0.	18.20	0.69	12.95	-41.54	-66.73	1.
68South Perim Zn (G.S6)	852.	0.	0.597	1.000	0.	27.07	0.69	19.04	-25.00	(BASEBOARDS)	1.
68ESE Perim Zn (G.ESE9)	298.	0.	0.209	1.000	0.	9.66	0.68	6.65	-15.46	-40.33	1.
68DBWNW Perim Zn (G.WNW1)	4887.	0.	3.425	1.000	0.	155.71	0.69	110.84	-23.00	(BASEBOARDS)	1.
69NNW Perim Zn (G.NNW1)	1196.	0.	0.838	1.000	0.	37.95	0.69	27.13	-25.00	(BASEBOARDS)	1.
69NE Perim Zn (G.NE2)	1469.	0.	1.030	1.000	0.	46.36	0.69	32.82	-32.23	-57.11	1.
69ESE Perim Zn (G.ESE3)	435.	0.	0.305	1.000	0.	14.05	0.68	9.86	-25.00	(BASEBOARDS)	1.
69West Perim Zn (G.W4)	1554.	0.	1.089	1.000	0.	48.91	0.69	34.72	-11.78	-36.52	1.
69SW Perim Zn (G.SW5)	567.	0.	0.398	1.000	0.	18.02	0.69	12.87	-25.00	(BASEBOARDS)	1.
69South Perim Zn (G.S6)	852.	0.	0.597	1.000	0.	27.08	0.69	19.04	-41.54	-66.73	1.
70NNW Perim Zn (G.NNW1)	1170.	0.	0.820	1.000	0.	36.99	0.69	26.13	-25.00	(BASEBOARDS)	1.
70West Perim Zn (G.W2)	1520.	0.	1.065	1.000	0.	47.73	0.69	33.95	-23.00	(BASEBOARDS)	1.
70SW Perim Zn (G.SW3)	449.	0.	0.315	1.000	0.	14.25	0.69	10.03	-40.54	-65.80	1.
70South Perim Zn (G.S4)	1061.	0.	0.743	1.000	0.	33.52	0.69	23.69	-25.00	(BASEBOARDS)	1.
70NE Perim Zn (G.NE5)	589.	0.	0.413	1.000	0.	18.68	0.69	13.15	-12.10	-37.05	1.
70ENE Perim Zn (G.ENE6)	1593.	0.	1.117	1.000	0.	49.97	0.69	35.59	-28.47	-53.48	1.
70SE Perim Zn (G.SE7)	990.	0.	0.694	1.000	0.	31.18	0.69	22.11	-25.00	(BASEBOARDS)	1.

REPORT- SV-A System Design Parameters for SC3 (AC-SC3-1)

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)	
VAVS	1.000	311.1	1.	0.300	15.888	0.641	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	358.	1.00	0.405	3.50	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30
ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC3ESE Perim Zn (B.ESE7)	358.	0.	0.000	0.348	107.	0.00	0.00	8.11	-7.73	-4.83	1.

REPORT- SV-A System Design Parameters for SC3 (AC-SC3-2)

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)	
VAVS	1.000	483.5	2.	0.300	98.828	0.641	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	2235.	1.00	2.530	3.50	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30
ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC3Core Zn (B.C6)	2235.	0.	0.000	0.087	670.	0.00	0.00	50.69	-48.28	-30.17	1.

REPORT- SV-A System Design Parameters for SC3 (AC-SC3-3)

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)		
VAVS	1.000	396.9	2.	0.300	20.267	0.641	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	456.	1.00	0.517	3.50	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30	
ZONE NAME	SUPPLY FLOW (CFM)		EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC3Core Zn (B.C3)	199.		0.	0.000	0.348	60.	0.00	0.00	4.52	-4.30	-2.69	1.
SC3Core Zn (B.C5)	257.		0.	0.000	0.348	77.	0.00	0.00	5.84	-5.56	-3.47	1.

REPORT- SV-A System Design Parameters for SC3 (AC-SC3-4)

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)	
VAVS	1.000	15940.2	64.	0.260	698.680	0.643	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	15940.	1.00	18.044	3.50	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30
ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC3North Perim Zn (B.N1)	7871.	0.	0.000	0.400	2047.	0.00	0.00	178.52	-170.02	-106.26	1.
SC3SSW Perim Zn (B.SSW2)	7892.	0.	0.000	0.400	2052.	0.00	0.00	178.98	-170.46	-106.54	1.
SC3Core Zn (B.C4)	177.	0.	0.000	0.400	46.	0.00	0.00	4.01	-3.82	-2.39	1.

REPORT- SV-A System Design Parameters for SC2 (AC-SC2-1)

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)		
VAVS	1.000	946.4	19.	0.300	49.173	0.641	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	1088.	1.00	1.232	3.50	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30	
ZONE NAME	SUPPLY FLOW (CFM)		EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC2Core Zn (B.C3)	1088.		0.	0.000	0.348	327.	0.00	0.00	24.68	-23.51	-14.69	1.

REPORT- SV-A System Design Parameters for SC2 (AC-SC2-2)

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)		
VAVS	1.000	4738.5	95.	0.278	245.532	0.642	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	5449.	1.00	6.169	3.50	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30	
ZONE NAME	SUPPLY FLOW (CFM)		EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
SC2SSW Perim Zn (B.SSW7)	2338.		0.	0.000	0.348	651.	0.00	0.00	53.03	-50.51	-31.57	1.
SC2ESE Perim Zn (B.ESE8)	3111.		0.	0.000	0.348	866.	0.00	0.00	70.56	-67.20	-42.00	1.

REPORT- SV-A System Design Parameters for C (AC-C-1)

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	2705.3	54.	0.278	140.176	0.642	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	3111.	1.00	3.522	3.50	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
CESE Perim Zn (B.ESE8)	3111.	0.	0.000	0.348	866.	0.00	0.00	70.56	-67.20	-42.00	1.

REPORT- SV-A System Design Parameters for C (AC-C-2) (AC-C-3)

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)	
VAVS	1.000	1076.2	22.	0.300	55.917	0.641	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	1238.	1.00	1.401	3.50	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30
ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
CCore Zn (B.C10)	1238.	0.	0.000	0.348	371.	0.00	0.00	28.07	-26.73	-16.71	1.

REPORT- SV-A System Design Parameters for C (AC-C-4)

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	333.8	7.	0.300	42.323	0.641	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	949.	1.00	1.074	3.50	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
CWNW Perim Zn (B.WNW6)	949.	0.	0.000	0.141	285.	0.00	0.00	21.52	-20.50	-12.81	1.

REPORT- SV-A System Design Parameters for G (AC-1-1)

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)	
VAVS	1.000	2304.7	46.	0.278	119.335	0.642	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	2650.	1.00	3.000	3.50	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30
ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
GESE Perim Zn (G.ESE11)	2650.	0.	0.000	0.348	738.	0.00	0.00	60.11	-57.25	-35.78	1.

REPORT- SV-A System Design Parameters for 1M (AC-1-2)

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	3032.1	61.	0.223	192.369	0.644	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	4359.	1.00	4.934	3.50	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30
ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
1MCore Zn (G.C8)	4359.	0.	0.000	0.278	970.	0.00	0.00	98.85	-94.15	-58.84	1.

REPORT- SV-A System Design Parameters for 6MC (AC-6-1)

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	45579.5	54.	0.300	605.336	0.641	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	13561.	1.00	15.351	3.50	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCWSW Perim Zn (G.WSW1)	2837.	0.	0.000	0.400	851.	0.00	0.00	64.34	-61.27	-38.29	1.
6MCNorth Perim Zn (G.N2)	2056.	0.	0.000	0.400	617.	0.00	0.00	46.62	-44.40	-27.75	1.
6MCCore Zn (G.C8)	4872.	0.	0.000	0.400	1462.	0.00	0.00	110.50	-105.24	-65.77	1.
6MCCore Zn (G.C10)	3797.	0.	0.000	0.400	1139.	0.00	0.00	86.11	-82.01	-51.26	1.
6MCP1 Zn (G.11)	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 6MC (AC-6-2)

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	801.8	3.	0.300	41.441	0.641	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	922.	1.00	1.044	3.50	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCNW Perim Zn (G.NW3)	922.	0.	0.000	0.348	277.	0.00	0.00	20.91	-19.92	-12.45	1.

REPORT- SV-A System Design Parameters for 6MC (AC-6-3)

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
VAVS	1.000	1936.7	8.	0.300	124.265	0.641	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	2777.	1.00	3.143	3.50	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCSSW Perim Zn (G.SSW6)	2777.	0.	0.000	0.279	833.	0.00	0.00	62.98	-59.98	-37.49	1.

REPORT- SV-A System Design Parameters for 6MC (AC-6-4) (AC-6-5)

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)		
VAVS	1.000	8247.1	33.	0.300	421.200	0.641	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	9484.	1.00	10.736	3.50	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30	
ZONE NAME	SUPPLY FLOW (CFM)		EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCCore Zn (G.C7)	9484.		0.	0.000	0.348	2845.	0.00	0.00	215.10	-204.86	-128.04	1.

REPORT- SV-A System Design Parameters for 7MC (AC-7-1)

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)		
VAVS	1.000	2323.9	9.	0.300	119.929	0.641	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	2672.	1.00	3.025	3.50	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30	
ZONE NAME	SUPPLY FLOW (CFM)		EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCESE Perim Zn (G.ESE5)	2672.		0.	0.000	0.348	802.	0.00	0.00	60.61	-57.73	-36.08	1.

REPORT- SV-A System Design Parameters for 7MC (AC-7-2)

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)		
VAVS	1.000	2210.3	9.	0.300	114.020	0.641	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	2542.	1.00	2.877	3.50	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30	
ZONE NAME	SUPPLY FLOW (CFM)		EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCNNE Perim Zn (G.NNE4)	2542.		0.	0.000	0.348	763.	0.00	0.00	57.65	-54.90	-34.31	1.

REPORT- SV-A System Design Parameters for 10A (AC-7-3) POOL

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)	
VAVS	1.000	3297.3	13.	0.210	159.463	0.655	0.000	0.000	0.000	0.000	
FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	3792.	1.00	3.674	2.99	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30
ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
9AWSW Perim Zn (G.WSW2)	3792.	0.	0.000	0.348	796.	0.00	0.00	86.00	-102.38 -31.25	-76.19 (BASEBOARDS)	1.

REPORT- SV-A System Design Parameters for 8A (AC-7-4)

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)	
VAVS	1.000	6698.4	67.	0.250	255.038	0.651	0.000	0.000	0.000	0.000	
FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	5889.	1.00	5.706	2.99	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30
ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
8AWSW Perim Zn (G.WSW2)	3792.	0.	0.000	0.348	948.	0.00	0.00	86.00	-102.38	-76.19	1.
8ACore Zn (G.C4)	545.	0.	0.000	0.348	136.	0.00	0.00	12.36	-31.25	(BASEBOARDS)	1.
8ANNE Perim Zn (G.NNE5)	343.	0.	0.000	0.348	86.	0.00	0.00	7.78	-14.72	-32.36	1.
8ANNE Perim Zn (G.NNE7)	239.	0.	0.000	0.348	60.	0.00	0.00	5.42	-31.25	(BASEBOARDS)	1.
8ASW Perim Zn (G.SW9)	579.	0.	0.000	0.348	145.	0.00	0.00	13.13	-9.26	-29.63	1.
8AESE Perim Zn (G.ESE12)	391.	0.	0.000	0.348	98.	0.00	0.00	8.87	-31.25	(BASEBOARDS)	1.
8ANW Perim Zn (G.NW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-10.56	-30.28	1.
8ANNE Perim Zn (G.NNE3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-31.25	(BASEBOARDS)	1.
8ACore Zn (G.C6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
8ACore Zn (G.C8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
8AWSW Perim Zn (G.WSW10)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
8ASSW Perim Zn (G.SSW11)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for 10A (AC-7-5)

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)	
VAVS	1.000	28835.6	115.	0.210	441.231	0.655	0.000	0.000	0.000	0.000	
FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	10470.	1.00	10.146	2.99	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30
ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
10ASSW Perim Zn (G.SSW2)	155.	0.	0.000	0.313	33.	0.00	0.00	3.51	-4.18	-27.09	1.
10AESE Perim Zn (G.ESE4)	1314.	0.	0.000	0.199	276.	0.00	0.00	29.81	-31.25	(BASEBOARDS)	1.
10ASSW Perim Zn (G.SSW7)	7277.	0.	0.000	0.174	1528.	0.00	0.00	165.04	-35.49	-42.74	1.
10AENE Perim Zn (G.ENE9)	1724.	0.	0.000	0.348	362.	0.00	0.00	39.11	-31.25	(BASEBOARDS)	1.
10AWNw Perim Zn (G.WNW1)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-196.47	-123.24	1.
10ACore Zn (G.C3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-31.25	(BASEBOARDS)	1.
10ACore Zn (G.C5)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-46.55	-48.28	1.
10AESE Perim Zn (G.ESE6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	-31.25	(BASEBOARDS)	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	1.
10MSSW Perim Zn (G.SSW2)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MCore Zn (G.C3)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MESE Perim Zn (G.ESE4)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MCore Zn (G.C5)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MESE Perim Zn (G.ESE6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MSSW Perim Zn (G.SSW7)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MNorth Perim Zn (G.N8)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
10MENE Perim Zn (G.ENE9)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

REPORT- SV-A System Design Parameters for 7MC (AC-7-6)

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)		
VAVS	1.000	2937.6	12.	0.300	150.033	0.641	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	3378.	1.00	3.824	3.50	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30	
ZONE NAME	SUPPLY FLOW (CFM)		EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
6MCCore Zn (G.C9)	3378.		0.	0.000	0.348	1013.	0.00	0.00	76.62	-72.97	-45.61	1.

REPORT- SV-A System Design Parameters for 10A (AC-9-2)

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)	
VAVS	1.000	3626.4	36.	0.253	200.346	0.643	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	4533.	1.00	5.131	3.50	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30
ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
10ANorth Perim Zn (G.N8)	4533.	0.	0.000	0.320	1147.	0.00	0.00	102.81	-122.39	-61.19	1.

REPORT- SV-A System Design Parameters for 26MC (AC-26-1)

WEATHER FILE- New York CityNY TMY2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)	
VAVS	1.000	11098.6	47.	0.300	569.448	0.641	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	12763.	1.00	14.448	3.50	0.0	0.00	0.00	DRAW-THRU	BY USER	1.10	0.30
ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
27MCCore Zn (G.C1)	207.	0.	0.000	0.348	62.	0.00	0.00	4.69	-4.47	-2.79	1.
27MCCore Zn (G.C2)	211.	0.	0.000	0.348	63.	0.00	0.00	4.79	-4.56	-2.85	1.
27MCCore Zn (G.C3)	268.	0.	0.000	0.348	80.	0.00	0.00	6.09	-5.80	-3.62	1.
27MCCore Zn (G.C4)	200.	0.	0.000	0.348	60.	0.00	0.00	4.54	-4.33	-2.70	1.
27MCCore Zn (G.C5)	751.	0.	0.000	0.348	225.	0.00	0.00	17.03	-16.22	-10.14	1.
27MCEast Perim Zn (G.E6)	1134.	0.	0.000	0.348	340.	0.00	0.00	25.72	-24.50	-15.31	1.
27MCWNW Perim Zn (G.WNW7)	1432.	0.	0.000	0.348	429.	0.00	0.00	32.47	-30.92	-19.33	1.
27MCNNE Perim Zn (G.NNE8)	4566.	0.	0.000	0.348	1370.	0.00	0.00	103.55	-98.62	-61.63	1.
27MCWNW Perim Zn (G.WNW9)	1220.	0.	0.000	0.348	366.	0.00	0.00	27.67	-26.35	-16.47	1.
27MCESE Perim Zn (G.ESE10)	981.	0.	0.000	0.348	294.	0.00	0.00	22.26	-21.20	-13.25	1.
27MCSW Perim Zn (G.SW11)	536.	0.	0.000	0.348	161.	0.00	0.00	12.17	-11.59	-7.24	1.
27MCSSW Perim Zn (G.SSW12)	798.	0.	0.000	0.348	239.	0.00	0.00	18.11	-17.24	-10.78	1.
27MCSouth Perim Zn (G.S13)	458.	0.	0.000	0.348	138.	0.00	0.00	10.40	-9.90	-6.19	1.

