

REPORT- BEPS Building Energy Performance

WEATHER FILE- SEATTLE BOEING FI WA

	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
EM1- ELECTRICITY													
MBTU	337.7	0.0	2281.0	533.4	344.6	2.2	24.5	474.3	0.0	9.3	0.0	0.0	4007.4
EM2- ELECTRICITY													
MBTU	759.9	45.1	116.6	202.4	15.7	0.0	433.2	291.0	59.5	0.0	1497.0	39.5	3460.3
EM3- ELECTRICITY													
MBTU	51.7	0.0	188.3	325.2	12.0	0.0	0.0	398.9	0.0	71.1	52.2	0.0	1099.4
FM1 NATURAL-GAS													
MBTU	0.0	0.0	188.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	188.3
	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
MBTU	1149.0	45.1	2775.0	1061.0	372.3	2.2	457.8	1164.0	59.5	80.4	1550.0	39.5	8755.5

TOTAL SITE ENERGY 8755.50 MBTU 51.1 KBTU/SQFT-YR GROSS-AREA 51.1 KBTU/SQFT-YR NET-AREA
TOTAL SOURCE ENERGY 25890.00 MBTU 151.0 KBTU/SQFT-YR GROSS-AREA 151.0 KBTU/SQFT-YR NET-AREA

PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF THROTTLING RANGE = 1.27
PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED = 0.33
HOURS ANY ZONE ABOVE COOLING THROTTLING RANGE = 84
HOURS ANY ZONE BELOW HEATING THROTTLING RANGE = 27

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

	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
EM1- ELECTRICITY													
KWH	98942.	0.	668432.	156280.	100957.	652.	7192.	138982.	0.	2738.	0.	0.	1174179.
EM2- ELECTRICITY													
KWH	222655.	13200.	34166.	59300.	4612.	0.	126934.	85266.	17441.	0.	438719.	11587.	1013876.
EM3- ELECTRICITY													
KWH	15142.	0.	55183.	95292.	3523.	0.	0.	116875.	0.	20832.	15291.	0.	322139.
FM1 NATURAL-GAS													
THERM	0.	0.	1883.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1883.

TOTAL ELECTRICITY	2510194. KWH	14.638 KWH	/SQFT-YR GROSS-AREA	14.638 KWH	/SQFT-YR NET-AREA
TOTAL NATURAL-GAS	1883. THERM	0.011 THERM	/SQFT-YR GROSS-AREA	0.011 THERM	/SQFT-YR NET-AREA

PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF THROTTLING RANGE	=	1.27
PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED	=	0.33
HOURS ANY ZONE ABOVE COOLING THROTTLING RANGE	=	84
HOURS ANY ZONE BELOW HEATING THROTTLING RANGE	=	27

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

DESIGN DAY WEATHER FILE- SEATTLE BOEING FI WA

	COOLING LOAD		HEATING LOAD	
TIME	JUN 21	7PM	DEC 21	4AM
DRY-BULB TEMP	83 F	28 C	24 F	-4 C
WET-BULB TEMP	64 F	18 C	20 F	-7 C
TOT HORIZONTAL SOLAR RAD	112 BTU/H.SQFT	352 W/M2	0 BTU/H.SQFT	0 W/M2
WINDSPEED AT SPACE	4.3 KTS	2.2 M/S	8.7 KTS	4.5 M/S
CLOUD AMOUNT 0(CLEAR)-10	0		10	

	SENSIBLE		LATENT		SENSIBLE		
	(KBTU/H)	(KW)	(KBTU/H)	(KW)	(KBTU/H)	(KW)	
	-----	-----	-----	-----	-----	-----	
WALL CONDUCTION	105.567	30.931	0.000	0.000	-218.447	-64.005	
ROOF CONDUCTION	57.436	16.829	0.000	0.000	-53.464	-15.665	
WINDOW GLASS+FRM COND	88.183	25.838	0.000	0.000	-446.960	-130.959	
WINDOW GLASS SOLAR	601.856	176.344	0.000	0.000	8.417	2.466	
DOOR CONDUCTION	0.000	0.000	0.000	0.000	0.000	0.000	
INTERNAL SURFACE COND	0.000	0.000	0.000	0.000	0.000	0.000	
UNDERGROUND SURF COND	-8.431	-2.470	0.000	0.000	-41.865	-12.267	
OCCUPANTS TO SPACE	54.998	16.114	44.125	12.929	0.206	0.060	
LIGHT TO SPACE	177.942	52.137	0.000	0.000	52.071	15.257	
EQUIPMENT TO SPACE	644.762	188.915	33.337	9.768	5.003	1.466	
PROCESS TO SPACE	11.905	3.488	8.781	2.573	0.000	0.000	
INFILTRATION	8.383	2.456	0.083	0.024	-40.539	-11.878	
	-----	-----	-----	-----	-----	-----	
TOTAL	1742.603	510.583	86.325	25.293	-735.578	-215.524	
TOTAL / AREA	0.010	0.032	0.001	0.002	-0.004	-0.014	
TOTAL LOAD	1828.928 KBTU/H		535.876 KW		-735.578 KBTU/H	-215.524 KW	
TOTAL LOAD / AREA	10.66 BTU/H.SQFT		33.635 W/M2		4.289 BTU/H.SQFT	13.528 W/M2	

```

*****
*
*   NOTE  1)THE ABOVE LOADS EXCLUDE OUTSIDE VENTILATION AIR
*   ----   LOADS
*
*   2)TIMES GIVEN IN STANDARD TIME FOR THE LOCATION
*   IN CONSIDERATION
*
*   3)THE ABOVE LOADS ARE CALCULATED ASSUMING A
*   CONSTANT INDOOR SPACE TEMPERATURE
*
*
*****

```

*** BUILDING ***

FLOOR AREA 171490 SQFT 15931 M2
VOLUME 1767951 CUFT 50068 M3

TIME	COOLING LOAD				HEATING LOAD			
	=====				=====			
	JUL 23 8PM				JAN 5 5AM			
DRY-BULB TEMP	88 F		31 C		21 F		-6 C	
WET-BULB TEMP	68 F		20 C		18 F		-8 C	
TOT HORIZONTAL SOLAR RAD	57 BTU/H.SQFT		179 W/M2		0 BTU/H.SQFT		0 W/M2	
WINDSPEED AT SPACE	2.7 KTS		1.4 M/S		0.0 KTS		0.0 M/S	
CLOUD AMOUNT 0(CLEAR)-10	0				10			

	SENSIBLE		LATENT		SENSIBLE	
	(KBTU/H)	(KW)	(KBTU/H)	(KW)	(KBTU/H)	(KW)
WALL CONDUCTION	128.728	37.717	0.000	0.000	-218.006	-63.876
ROOF CONDUCTION	60.111	17.613	0.000	0.000	-63.373	-18.568
WINDOW GLASS+FRM COND	116.922	34.258	0.000	0.000	-409.944	-120.114
WINDOW GLASS SOLAR	570.299	167.098	0.000	0.000	38.405	11.253
DOOR CONDUCTION	0.000	0.000	0.000	0.000	0.000	0.000
INTERNAL SURFACE COND	0.000	0.000	0.000	0.000	0.000	0.000
UNDERGROUND SURF COND	-4.528	-1.327	0.000	0.000	-49.140	-14.398
OCCUPANTS TO SPACE	36.316	10.640	36.415	10.670	36.107	10.579
LIGHT TO SPACE	138.432	40.561	0.000	0.000	60.904	17.845
EQUIPMENT TO SPACE	458.561	134.358	23.376	6.849	95.682	28.035
PROCESS TO SPACE	6.974	2.043	4.829	1.415	3.271	0.958
INFILTRATION	11.897	3.486	3.375	0.989	-44.197	-12.950
TOTAL	1523.711	446.447	67.995	19.923	-550.291	-161.235
TOTAL / AREA	0.009	0.028	0.000	0.001	-0.003	-0.010
TOTAL LOAD	1591.706 KBTU/H		466.370 KW		-550.291 KBTU/H	-161.235 KW
TOTAL LOAD / AREA	9.28 BTU/H.SQFT		29.273 W/M2		3.209 BTU/H.SQFT	10.120 W/M2

*
* NOTE 1)THE ABOVE LOADS EXCLUDE OUTSIDE VENTILATION AIR *
* ---- LOADS *
* 2)TIMES GIVEN IN STANDARD TIME FOR THE LOCATION *
* IN CONSIDERATION *
* 3)THE ABOVE LOADS ARE CALCULATED ASSUMING A *
* CONSTANT INDOOR SPACE TEMPERATURE *
*

REPORT- LV-B Summary of Spaces

WEATHER FILE- SEATTLE BOEING FI WA

NUMBER OF SPACES 216 EXTERIOR 160 INTERIOR 56

SPACE	SPACE*FLOOR MULTIPLIER	SPACE TYPE	LIGHTS (WATT / SQFT)		PEOPLE	EQUIP (WATT / SQFT)		INFILTRATION METHOD	ACH	AREA (SQFT)	VOLUME (CUFT)
			AZIM	SQFT)		SQFT)					

Spaces on floor: P2 Below-Grade Flr

P2A Core Spc (B.C1) STR	1.0	INT	0.0	0.69	0.0	0.20	NO-INFILT.	0.00		170.0	1749.3
P2A Core Spc (B.C2) ELV	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00		161.5	1661.8
P2A Core Spc (B.C3) COR	1.0	INT	0.0	0.66	0.0	0.20	NO-INFILT.	0.00		237.5	2443.9
P2B Core Spc (B.C4) MECH	1.0	INT	0.0	0.95	0.0	0.00	NO-INFILT.	0.00		900.0	9261.0
P2B Core Spc (B.C5) STR	1.0	INT	0.0	0.69	0.0	0.20	NO-INFILT.	0.00		241.5	2485.0
P2B NW Perim Spc (B.NW6) XFMR	1.0	INT	90.0	0.95	0.0	0.00	NO-INFILT.	0.00		957.0	9847.5
P2A Core Spc (B.C7) STO	1.0	INT	0.0	0.57	0.0	0.20	NO-INFILT.	0.00		221.0	2274.1
P2B SE Perim Spc (B.SE8) MECH	1.0	INT	-90.0	0.95	0.0	0.00	NO-INFILT.	0.00		378.0	3889.6
P2B NE Perim Spc (B.NE9) STO	1.0	INT	180.0	0.57	0.0	0.20	NO-INFILT.	0.00		414.0	4260.1
P2B South Perim Spc (B.S10) PKG	1.0	INT	0.0	0.17	0.0	0.00	AIR-CHANGE	4.37	12495.5	128578.7	
P2B NNE Perim Spc (B.NNE11) ELEC	1.0	INT	-90.0	0.95	0.0	0.00	NO-INFILT.	0.00		1885.0	19396.7
P2B NNE Perim Spc (B.NNE12) PKG	1.0	INT	90.0	0.17	0.0	0.00	AIR-CHANGE	4.37	6201.0	63808.3	
P2A NNW Perim Spc (B.NNW13) PKG	1.0	INT	180.0	0.17	0.0	0.00	AIR-CHANGE	4.37	1518.0	15620.2	

Spaces on floor: P1 Below-Grade Flr

P1A Core Spc (B.C1) STR	1.0	EXT	0.0	0.69	0.0	0.20	NO-INFILT.	0.00		170.0	1700.0
P1A Core Spc (B.C2) ELV	1.0	EXT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00		161.5	1615.0
P1A Core Spc (B.C3) COR	1.0	EXT	0.0	0.66	0.0	0.20	NO-INFILT.	0.00		237.5	2375.0
P1B Core Spc (B.C4) STR	1.0	EXT	0.0	0.69	0.0	0.20	NO-INFILT.	0.00		241.5	2415.0
P1B SE Perim Spc (B.SE5) MECH	1.0	EXT	-90.0	0.95	0.0	0.00	NO-INFILT.	0.00		238.0	2380.0
P1B South Perim Spc (B.S6) PKG	1.0	EXT	0.0	0.17	0.0	0.00	AIR-CHANGE	4.50	12847.5	128475.0	
P1A West Perim Spc (B.W7) TRSH	1.0	EXT	0.0	0.57	0.0	0.00	NO-INFILT.	0.00		2435.0	24350.0
P1A NNW Perim Spc (B.NNW8) MECH	1.0	EXT	90.0	0.95	0.0	0.00	NO-INFILT.	0.00		1150.0	11500.0
P1B NNE Perim Spc (B.NNE9) PKG	1.0	EXT	-90.0	0.17	0.0	0.00	AIR-CHANGE	4.50	3916.0	39160.0	
P1B ENE Perim Spc (B.ENE10) MECH	1.0	EXT	180.0	0.95	0.0	0.00	NO-INFILT.	0.00		271.5	2715.0
P1B North Perim Spc (B.N11) APT1	1.0	EXT	180.0	0.90	0.6	1.46	AIR-CHANGE	0.07	464.0	4640.0	
P1B Core Spc (B.C12) COR	1.0	EXT	0.0	0.66	0.0	0.20	NO-INFILT.	0.00		460.0	4600.0
P1B North Perim Spc (B.N13) APT4	1.0	EXT	180.0	0.90	3.1	1.46	AIR-CHANGE	0.07	2465.0	24650.0	
P1B NE Perim Spc (B.NE14) APT1	1.0	EXT	-90.0	0.90	0.9	1.46	AIR-CHANGE	0.07	705.0	7050.0	

Spaces on floor: L1 Ground Flr

L1A Core Spc (G.C1) STR	1.0	EXT	180.0	0.69	0.0	0.20	NO-INFILT.	0.00		556.8	5406.0
L1A Core Spc (G.C2) ELV	1.0	EXT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00		161.5	1568.2
L1B Core Spc (G.C3) STR	1.0	EXT	-90.0	0.69	0.0	0.20	NO-INFILT.	0.00		500.0	4855.0
L1B Core Spc (G.C4) COR	1.0	EXT	180.0	0.66	0.0	0.20	NO-INFILT.	0.00		869.0	8438.0
L1B North Perim Spc (G.N5) APT4	1.0	EXT	180.0	0.90	3.3	1.46	AIR-CHANGE	0.08	2580.0	25051.8	
L1B East Perim Spc (G.E6) APT1	1.0	EXT	0.0	0.90	0.8	1.46	AIR-CHANGE	0.16	668.0	6486.3	
L1B West Perim Spc (G.W7) APT1	1.0	EXT	0.0	0.90	1.0	1.46	AIR-CHANGE	0.15	765.0	7428.1	
L1B West Perim Spc (G.W8) APT1	1.0	EXT	90.0	0.90	0.8	1.46	AIR-CHANGE	0.10	654.5	6355.2	
L1B East Perim Spc (G.E9) APT1	1.0	EXT	-90.0	0.90	0.9	1.46	AIR-CHANGE	0.10	713.5	6928.1	
L1B East Perim Spc (G.E10) APT1	1.0	EXT	-90.0	0.90	0.7	1.46	AIR-CHANGE	0.21	519.0	5039.5	
L1B South Perim Spc (G.S11) APT5	1.0	EXT	0.0	0.90	2.5	1.46	AIR-CHANGE	0.09	1978.0	19206.4	

REPORT- LV-B Summary of Spaces

WEATHER FILE- SEATTLE BOEING FI WA

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

L1B Core Spc (G.C12) ELEC	1.0	EXT	0.0	0.95	0.0	0.00	NO-INFILT.	0.00	82.5	801.1
L1B SSW Perim Spc (G.SSW13) CONF	1.0	EXT	0.0	0.66	14.6	1.50	AIR-CHANGE	0.21	437.5	4248.1
L1B Core Spc (G.C14) OFF	1.0	EXT	0.0	1.00	2.6	1.50	NO-INFILT.	0.00	367.5	3568.4
L1A SSW Perim Spc (G.SSW15) FIT	1.0	EXT	0.0	0.72	0.0	0.50	NO-INFILT.	0.00	1300.5	12627.9
L1A Core Spc (G.C16) RR	1.0	EXT	0.0	0.98	0.0	0.00	NO-INFILT.	0.00	218.5	2121.6
L1A South Perim Spc (G.S17) LOB	1.0	EXT	0.0	0.90	51.4	0.50	AIR-CHANGE	0.10	1541.0	14963.1
L1A East Perim Spc (G.E18) GSHF	1.0	EXT	-90.0	0.00	0.0	0.00	AIR-CHANGE	6.18	38.2	371.4
L1A East Perim Spc (G.E19) APT2	1.0	EXT	-90.0	0.90	1.3	1.46	AIR-CHANGE	0.08	1033.8	10037.7
L1A Core Spc (G.C20) TSHF	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	6.18	27.0	262.2
L1A Core Spc (G.C21) COR	1.0	EXT	0.0	0.66	0.0	0.20	NO-INFILT.	0.00	54.0	524.3
L1A Core Spc (G.C22) COR	1.0	EXT	0.0	0.66	0.0	0.20	NO-INFILT.	0.00	244.0	2369.2
L1A Core Spc (G.C23) ELEC	1.0	EXT	0.0	0.95	0.0	0.00	NO-INFILT.	0.00	65.0	631.2
L1A NNE Perim Spc (G.NNE24) APT1	1.0	EXT	180.0	0.90	1.0	1.46	AIR-CHANGE	0.14	749.2	7275.2
L1A WNW Perim Spc (G.WNW25) STO	1.0	EXT	90.0	0.57	0.0	0.20	AIR-CHANGE	0.11	1431.2	13897.4
L1A SW Perim Spc (G.SW26) ELEC	1.0	EXT	0.0	0.95	0.0	0.00	AIR-CHANGE	0.25	42.0	407.8
L1A WNW Perim Spc (G.WNW27) APT1	1.0	EXT	90.0	0.90	0.6	1.46	AIR-CHANGE	0.20	493.5	4791.9
L1A North Perim Spc (G.N28) APT3	1.0	EXT	0.0	0.90	1.7	1.46	AIR-CHANGE	0.12	1326.0	12875.5
L1B East Perim Spc (G.E29) APT1	1.0	EXT	-90.0	0.90	0.5	1.46	AIR-CHANGE	0.24	429.5	4170.4

Spaces on floor: L2 Ground Flr

L2A Core Spc (G.C1) ELV	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	161.5	2180.2
L2B Core Spc (G.C2) STR	1.0	INT	0.0	0.69	0.0	0.20	NO-INFILT.	0.00	241.5	3260.2
L2B Core Spc (G.C3) COR	1.0	EXT	180.0	0.66	0.0	0.20	NO-INFILT.	0.00	1143.2	15433.9
L2B North Perim Spc (G.N4) APT4	1.0	EXT	180.0	0.90	3.7	1.46	AIR-CHANGE	0.08	2928.0	39528.0
L2B East Perim Spc (G.E5) APT1	1.0	EXT	0.0	0.90	1.3	1.46	AIR-CHANGE	0.12	984.0	13284.0
L2B West Perim Spc (G.W6) APT1	1.0	EXT	0.0	0.90	1.0	1.46	AIR-CHANGE	0.13	765.0	10327.5
L2B West Perim Spc (G.W7) APT1	1.0	EXT	90.0	0.90	0.8	1.46	AIR-CHANGE	0.08	654.5	8835.8
L2B East Perim Spc (G.E8) APT1	1.0	EXT	-90.0	0.90	0.8	1.46	AIR-CHANGE	0.09	628.5	8484.8
L2B East Perim Spc (G.E9) APT1	1.0	EXT	-90.0	0.90	0.7	1.46	AIR-CHANGE	0.17	558.0	7533.0
L2B South Perim Spc (G.S10) APT6	1.0	EXT	90.0	0.90	3.5	1.46	AIR-CHANGE	0.08	2721.0	36733.5
L2B Core Spc (G.C11) ELEC	1.0	INT	0.0	0.95	0.0	0.00	NO-INFILT.	0.00	57.8	779.6
L2B SSW Perim Spc (G.SSW12) LOB	1.0	EXT	90.0	0.90	50.5	0.50	AIR-CHANGE	0.10	1513.5	20432.2
L2A East Perim Spc (G.E13) GSHF	1.0	EXT	-90.0	0.00	0.0	0.00	AIR-CHANGE	4.44	38.2	516.4
L2A East Perim Spc (G.E14) APT3	1.0	EXT	180.0	0.90	2.5	1.46	AIR-CHANGE	0.07	1947.8	26294.6
L2A Core Spc (G.C15) TSHF	1.0	INT	0.0	0.00	0.0	0.00	AIR-CHANGE	4.44	27.0	364.5
L2A Core Spc (G.C16) TRSH	1.0	INT	0.0	0.57	0.0	0.00	NO-INFILT.	0.00	54.0	729.0
L2A Core Spc (G.C17) ELEC	1.0	INT	0.0	0.95	0.0	0.00	NO-INFILT.	0.00	65.0	877.5
L2A WNW Perim Spc (G.WNW18) APT1	1.0	EXT	0.0	0.90	1.6	1.46	AIR-CHANGE	0.12	1270.5	17151.8
L2A North Perim Spc (G.N19) APT2	1.0	EXT	180.0	0.90	1.3	1.46	AIR-CHANGE	0.09	1039.0	14026.5
L2A SW Perim Spc (G.SW20) RST	1.0	EXT	0.0	1.31	76.2	5.62	AIR-CHANGE	0.10	2287.5	30881.2
L2A Core Spc (G.C21) MAIL	1.0	INT	0.0	0.90	0.0	0.00	NO-INFILT.	0.00	368.5	4974.8
L2A Core Spc (G.C22) MAIL	1.0	INT	0.0	0.90	0.0	0.00	NO-INFILT.	0.00	172.5	2328.8
L2B East Perim Spc (G.E23) APT1	1.0	EXT	0.0	0.90	0.9	1.46	AIR-CHANGE	0.15	714.0	9639.0
L2A NNW Perim Spc (G.NNW24) STR	1.0	EXT	180.0	0.69	0.0	0.20	AIR-CHANGE	0.26	287.5	3881.2
L2A West Perim Spc (G.W25) STO	1.0	EXT	90.0	0.57	0.0	0.20	AIR-CHANGE	0.20	52.0	702.0
L2A Core Spc (G.C26) COR	1.0	EXT	90.0	0.66	0.0	0.20	NO-INFILT.	0.00	1021.2	13786.9
L2B South Perim Spc (G.S27) VEST	1.0	EXT	0.0	0.90	0.0	0.20	AIR-CHANGE	0.14	72.0	972.0

Spaces on floor: L3 Ground Flr

L3A Core Spc (G.C1) ELV	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	161.5	1574.6
L3B Core Spc (G.C2) STR	1.0	INT	0.0	0.69	0.0	0.20	NO-INFILT.	0.00	241.5	2354.6
L3B North Perim Spc (G.N3) COR	1.0	EXT	180.0	0.66	0.0	0.20	AIR-CHANGE	0.06	1748.2	17045.4
L3B North Perim Spc (G.N4) APT4	1.0	EXT	180.0	0.90	3.7	1.46	AIR-CHANGE	0.08	2928.0	28548.0
L3B East Perim Spc (G.E5) APT1	1.0	EXT	0.0	0.90	1.3	1.46	AIR-CHANGE	0.13	984.0	9594.0
L3B West Perim Spc (G.W6) APT1	1.0	EXT	0.0	0.90	1.0	1.46	AIR-CHANGE	0.15	765.0	7458.8

REPORT- LV-B Summary of Spaces

WEATHER FILE- SEATTLE BOEING FI WA

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

L3B West Perim Spc (G.W7) APT1	1.0	EXT	90.0	0.90	0.8	1.46	AIR-CHANGE	0.10	654.5	6381.4
L3B East Perim Spc (G.E8) APT1	1.0	EXT	-90.0	0.90	0.8	1.46	AIR-CHANGE	0.11	628.5	6127.9
L3B East Perim Spc (G.E9) APT1	1.0	EXT	0.0	0.90	1.0	1.46	AIR-CHANGE	0.16	789.0	7692.8
L3B South Perim Spc (G.S10) APT7	1.0	EXT	90.0	0.90	5.1	1.46	AIR-CHANGE	0.08	3981.5	38819.6
L3B Core Spc (G.C11) ELEC	1.0	INT	0.0	0.95	0.0	0.00	NO-INFILT.	0.00	57.8	563.1
L3A East Perim Spc (G.E12) GSHF	1.0	EXT	-90.0	0.00	0.0	0.00	AIR-CHANGE	6.15	38.2	372.9
L3A East Perim Spc (G.E13) APT4	1.0	EXT	180.0	0.90	2.8	1.46	AIR-CHANGE	0.07	2229.8	21740.1
L3A Core Spc (G.C14) TSHF	1.0	INT	0.0	0.00	0.0	0.00	AIR-CHANGE	6.15	27.0	263.2
L3A Core Spc (G.C15) TRSH	1.0	INT	0.0	0.57	0.0	0.00	NO-INFILT.	0.00	54.0	526.5
L3A Core Spc (G.C16) ELEC	1.0	INT	0.0	0.95	0.0	0.00	NO-INFILT.	0.00	65.0	633.8
L3A NW Perim Spc (G.NW17) APT1	1.0	EXT	0.0	0.90	1.2	1.46	AIR-CHANGE	0.13	915.5	8926.1
L3A North Perim Spc (G.N18) APT3	1.0	EXT	180.0	0.90	2.0	1.46	AIR-CHANGE	0.09	1566.5	15273.4
L3B East Perim Spc (G.E19) APT1	1.0	EXT	0.0	0.90	0.9	1.46	AIR-CHANGE	0.18	714.0	6961.5
L3A Core Spc (G.C20) STR	1.0	INT	0.0	0.69	0.0	0.20	NO-INFILT.	0.00	144.5	1408.9
L3A West Perim Spc (G.W21) APT4	1.0	EXT	180.0	0.90	3.2	1.46	AIR-CHANGE	0.08	2478.2	24162.9
L3A SW Perim Spc (G.SW22) APT1	1.0	EXT	0.0	0.90	1.2	1.46	AIR-CHANGE	0.12	944.2	9206.4
L3A Core Spc (G.C23) COR	1.0	EXT	0.0	0.66	0.0	0.20	NO-INFILT.	0.00	681.2	6642.2
L3A South Perim Spc (G.S24) APT3	1.0	EXT	-90.0	0.90	2.3	1.46	AIR-CHANGE	0.08	1832.5	17866.9

Spaces on floor: L4 Ground Flr

L4A Core Spc (G.C1) ELV	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	161.5	1574.6
L4B Core Spc (G.C2) STR	1.0	INT	0.0	0.69	0.0	0.20	NO-INFILT.	0.00	241.5	2354.6
L4B North Perim Spc (G.N3) COR	1.0	EXT	180.0	0.66	0.0	0.20	AIR-CHANGE	0.06	1748.2	17045.4
L4B North Perim Spc (G.N4) APT4	1.0	EXT	180.0	0.90	3.7	1.46	AIR-CHANGE	0.08	2928.0	28548.0
L4B East Perim Spc (G.E5) APT1	1.0	EXT	0.0	0.90	1.3	1.46	AIR-CHANGE	0.13	984.0	9594.0
L4B West Perim Spc (G.W6) APT1	1.0	EXT	0.0	0.90	1.0	1.46	AIR-CHANGE	0.15	765.0	7458.8
L4B West Perim Spc (G.W7) APT1	1.0	EXT	90.0	0.90	0.8	1.46	AIR-CHANGE	0.10	654.5	6381.4
L4B East Perim Spc (G.E8) APT1	1.0	EXT	-90.0	0.90	0.8	1.46	AIR-CHANGE	0.11	628.5	6127.9
L4B East Perim Spc (G.E9) APT1	1.0	EXT	0.0	0.90	1.0	1.46	AIR-CHANGE	0.16	789.0	7692.8
L4B South Perim Spc (G.S10) APT7	1.0	EXT	90.0	0.90	5.1	1.46	AIR-CHANGE	0.08	3981.5	38819.6
L4B Core Spc (G.C11) ELEC	1.0	INT	0.0	0.95	0.0	0.00	NO-INFILT.	0.00	57.8	563.1
L4A East Perim Spc (G.E12) GSHF	1.0	EXT	-90.0	0.00	0.0	0.00	AIR-CHANGE	6.15	38.2	372.9
L4A East Perim Spc (G.E13) APT4	1.0	EXT	180.0	0.90	2.8	1.46	AIR-CHANGE	0.07	2229.8	21740.1
L4A Core Spc (G.C14) TSHF	1.0	INT	0.0	0.00	0.0	0.00	AIR-CHANGE	6.15	27.0	263.2
L4A Core Spc (G.C15) TRSH	1.0	INT	0.0	0.57	0.0	0.00	NO-INFILT.	0.00	54.0	526.5
L4A Core Spc (G.C16) ELEC	1.0	INT	0.0	0.95	0.0	0.00	NO-INFILT.	0.00	65.0	633.8
L4A NW Perim Spc (G.NW17) APT1	1.0	EXT	0.0	0.90	1.2	1.46	AIR-CHANGE	0.13	915.5	8926.1
L4A North Perim Spc (G.N18) APT3	1.0	EXT	180.0	0.90	2.0	1.46	AIR-CHANGE	0.09	1566.5	15273.4
L4B East Perim Spc (G.E19) APT1	1.0	EXT	0.0	0.90	0.9	1.46	AIR-CHANGE	0.18	714.0	6961.5
L4A Core Spc (G.C20) STR	1.0	INT	0.0	0.69	0.0	0.20	NO-INFILT.	0.00	144.5	1408.9
L4A West Perim Spc (G.W21) APT4	1.0	EXT	180.0	0.90	3.2	1.46	AIR-CHANGE	0.08	2478.2	24162.9
L4A SW Perim Spc (G.SW22) APT1	1.0	EXT	0.0	0.90	1.2	1.46	AIR-CHANGE	0.12	944.2	9206.4
L4A Core Spc (G.C23) COR	1.0	INT	0.0	0.66	0.0	0.20	NO-INFILT.	0.00	681.2	6642.2
L4A South Perim Spc (G.S24) APT3	1.0	EXT	-90.0	0.90	2.3	1.46	AIR-CHANGE	0.08	1832.5	17866.9

Spaces on floor: L5 Ground Flr

L5A Core Spc (G.C1) ELV	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	161.5	1574.6
L5B Core Spc (G.C2) STR	1.0	INT	0.0	0.69	0.0	0.20	NO-INFILT.	0.00	241.5	2354.6
L5B North Perim Spc (G.N3) COR	1.0	EXT	180.0	0.66	0.0	0.20	AIR-CHANGE	0.06	1748.2	17045.4
L5B North Perim Spc (G.N4) APT4	1.0	EXT	180.0	0.90	3.7	1.46	AIR-CHANGE	0.08	2928.0	28548.0
L5B East Perim Spc (G.E5) APT1	1.0	EXT	0.0	0.90	1.3	1.46	AIR-CHANGE	0.13	984.0	9594.0
L5B West Perim Spc (G.W6) APT1	1.0	EXT	0.0	0.90	1.0	1.46	AIR-CHANGE	0.15	765.0	7458.8
L5B West Perim Spc (G.W7) APT1	1.0	EXT	90.0	0.90	0.8	1.46	AIR-CHANGE	0.10	654.5	6381.4
L5B East Perim Spc (G.E8) APT1	1.0	EXT	-90.0	0.90	0.8	1.46	AIR-CHANGE	0.11	628.5	6127.9
L5B East Perim Spc (G.E9) APT1	1.0	EXT	0.0	0.90	1.0	1.46	AIR-CHANGE	0.16	789.0	7692.8

REPORT- LV-B Summary of Spaces

WEATHER FILE- SEATTLE BOEING FI WA

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

L5B South Perim Spc (G.S10) APT7	1.0	EXT	90.0	0.90	5.1	1.46	AIR-CHANGE	0.08	3981.5	38819.6
L5B Core Spc (G.C11) ELEC	1.0	INT	0.0	0.95	0.0	0.00	NO-INFILT.	0.00	57.8	563.1
L5A East Perim Spc (G.E12) GSHF	1.0	EXT	-90.0	0.00	0.0	0.00	AIR-CHANGE	6.15	38.2	372.9
L5A East Perim Spc (G.E13) APT4	1.0	EXT	180.0	0.90	2.8	1.46	AIR-CHANGE	0.07	2229.8	21740.1
L5A Core Spc (G.C14) TSHF	1.0	INT	0.0	0.00	0.0	0.00	AIR-CHANGE	6.15	27.0	263.2
L5A Core Spc (G.C15) TRSH	1.0	INT	0.0	0.57	0.0	0.00	NO-INFILT.	0.00	54.0	526.5
L5A Core Spc (G.C16) ELEC	1.0	INT	0.0	0.95	0.0	0.00	NO-INFILT.	0.00	65.0	633.8
L5A NW Perim Spc (G.NW17) APT1	1.0	EXT	0.0	0.90	1.2	1.46	AIR-CHANGE	0.13	915.5	8926.1
L5A North Perim Spc (G.N18) APT3	1.0	EXT	180.0	0.90	2.0	1.46	AIR-CHANGE	0.09	1566.5	15273.4
L5B East Perim Spc (G.E19) APT1	1.0	EXT	0.0	0.90	0.9	1.46	AIR-CHANGE	0.18	714.0	6961.5
L5A Core Spc (G.C20) STR	1.0	INT	0.0	0.69	0.0	0.20	NO-INFILT.	0.00	144.5	1408.9
L5A West Perim Spc (G.W21) APT4	1.0	EXT	180.0	0.90	3.2	1.46	AIR-CHANGE	0.08	2478.2	24162.9
L5A SW Perim Spc (G.SW22) APT1	1.0	EXT	0.0	0.90	1.2	1.46	AIR-CHANGE	0.12	944.2	9206.4
L5A Core Spc (G.C23) COR	1.0	INT	0.0	0.66	0.0	0.20	NO-INFILT.	0.00	681.2	6642.2
L5A South Perim Spc (G.S24) APT3	1.0	EXT	-90.0	0.90	2.3	1.46	AIR-CHANGE	0.08	1832.5	17866.9

Spaces on floor: L6 Ground Flr

L6A Core Spc (G.C1) ELV	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	161.5	1574.6
L6B Core Spc (G.C2) STR	1.0	INT	0.0	0.69	0.0	0.20	NO-INFILT.	0.00	241.5	2354.6
L6B North Perim Spc (G.N3) COR	1.0	EXT	180.0	0.66	0.0	0.20	AIR-CHANGE	0.06	1748.2	17045.4
L6B North Perim Spc (G.N4) APT4	1.0	EXT	180.0	0.90	3.7	1.46	AIR-CHANGE	0.08	2928.0	28548.0
L6B East Perim Spc (G.E5) APT1	1.0	EXT	0.0	0.90	1.3	1.46	AIR-CHANGE	0.13	984.0	9594.0
L6B West Perim Spc (G.W6) APT1	1.0	EXT	0.0	0.90	1.0	1.46	AIR-CHANGE	0.15	765.0	7458.8
L6B West Perim Spc (G.W7) APT1	1.0	EXT	90.0	0.90	0.8	1.46	AIR-CHANGE	0.10	654.5	6381.4
L6B East Perim Spc (G.E8) APT1	1.0	EXT	-90.0	0.90	0.8	1.46	AIR-CHANGE	0.11	628.5	6127.9
L6B East Perim Spc (G.E9) APT1	1.0	EXT	0.0	0.90	1.0	1.46	AIR-CHANGE	0.16	789.0	7692.8
L6B South Perim Spc (G.S10) APT7	1.0	EXT	90.0	0.90	5.1	1.46	AIR-CHANGE	0.08	3981.5	38819.6
L6B Core Spc (G.C11) ELEC	1.0	INT	0.0	0.95	0.0	0.00	NO-INFILT.	0.00	57.8	563.1
L6A East Perim Spc (G.E12) GSHF	1.0	EXT	-90.0	0.00	0.0	0.00	AIR-CHANGE	6.15	38.2	372.9
L6A East Perim Spc (G.E13) APT4	1.0	EXT	180.0	0.90	2.8	1.46	AIR-CHANGE	0.07	2229.8	21740.1
L6A Core Spc (G.C14) TSHF	1.0	INT	0.0	0.00	0.0	0.00	AIR-CHANGE	6.15	27.0	263.2
L6A Core Spc (G.C15) TRSH	1.0	INT	0.0	0.57	0.0	0.00	NO-INFILT.	0.00	54.0	526.5
L6A Core Spc (G.C16) ELEC	1.0	INT	0.0	0.95	0.0	0.00	NO-INFILT.	0.00	65.0	633.8
L6A NW Perim Spc (G.NW17) APT1	1.0	EXT	90.0	0.90	0.9	1.46	AIR-CHANGE	0.14	731.2	7129.7
L6A North Perim Spc (G.N18) APT3	1.0	EXT	180.0	0.90	1.8	1.46	AIR-CHANGE	0.08	1404.0	13689.0
L6B East Perim Spc (G.E19) APT1	1.0	EXT	0.0	0.90	0.8	1.46	AIR-CHANGE	0.18	659.0	6425.2
L6A Core Spc (G.C20) STR	1.0	INT	0.0	0.69	0.0	0.20	NO-INFILT.	0.00	144.5	1408.9
L6A West Perim Spc (G.W21) APT4	1.0	EXT	180.0	0.90	3.2	1.46	AIR-CHANGE	0.08	2478.2	24162.9
L6A SW Perim Spc (G.SW22) APT1	1.0	EXT	0.0	0.90	1.2	1.46	AIR-CHANGE	0.12	944.2	9206.4
L6A Core Spc (G.C23) COR	1.0	EXT	0.0	0.66	0.0	0.20	NO-INFILT.	0.00	681.2	6642.2
L6A South Perim Spc (G.S24) APT3	1.0	EXT	-90.0	0.90	2.3	1.46	AIR-CHANGE	0.08	1832.5	17866.9

Spaces on floor: L7 Ground Flr

L7A Core Spc (G.C1) ELV	1.0	INT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	161.5	1681.2
L7B Core Spc (G.C2) STR	1.0	EXT	0.0	0.69	0.0	0.20	NO-INFILT.	0.00	241.5	2514.0
L7B North Perim Spc (G.N3) COR	1.0	EXT	0.0	0.66	0.0	0.20	AIR-CHANGE	0.08	1748.2	18199.3
L7B North Perim Spc (G.N4) APT4	1.0	EXT	180.0	0.90	3.4	1.46	AIR-CHANGE	0.07	2668.0	27773.9
L7B East Perim Spc (G.E5) APT1	1.0	EXT	0.0	0.90	1.2	1.46	AIR-CHANGE	0.13	919.0	9566.8
L7B West Perim Spc (G.W6) APT1	1.0	EXT	0.0	0.90	1.0	1.46	AIR-CHANGE	0.15	765.0	7963.6
L7B West Perim Spc (G.W7) APT1	1.0	EXT	90.0	0.90	0.8	1.46	AIR-CHANGE	0.10	654.5	6813.3
L7B East Perim Spc (G.E8) APT1	1.0	EXT	-90.0	0.90	0.8	1.46	AIR-CHANGE	0.11	628.5	6542.7
L7B East Perim Spc (G.E9) APT1	1.0	EXT	0.0	0.90	1.0	1.46	AIR-CHANGE	0.15	789.0	8213.5
L7B SSW Perim Spc (G.SSW10) APT7	1.0	EXT	0.0	0.90	5.1	1.46	AIR-CHANGE	0.08	3981.5	41447.4
L7B Core Spc (G.C11) ELEC	1.0	EXT	0.0	0.95	0.0	0.00	NO-INFILT.	0.00	57.8	601.2
L7A East Perim Spc (G.E12) GSHF	1.0	EXT	-90.0	0.00	0.0	0.00	AIR-CHANGE	5.76	38.2	398.2

REPORT- LV-B Summary of Spaces

WEATHER FILE- SEATTLE BOEING FI WA

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

L7A East Perim Spc (G.E13) APT2	1.0	EXT	-90.0	0.90	1.2	1.46	AIR-CHANGE	0.08	956.8	9959.8
L7A Core Spc (G.C14) TSHF	1.0	INT	0.0	0.00	0.0	0.00	AIR-CHANGE	5.76	27.0	281.1
L7A Core Spc (G.C15) TRSH	1.0	INT	0.0	0.57	0.0	0.00	NO-INFILT.	0.00	54.0	562.1
L7A Core Spc (G.C16) ELEC	1.0	INT	0.0	0.95	0.0	0.00	NO-INFILT.	0.00	65.0	676.6
L7A Core Spc (G.C17) STR	1.0	INT	0.0	0.69	0.0	0.20	NO-INFILT.	0.00	144.5	1504.2
L7A West Perim Spc (G.W18) APT2	1.0	EXT	0.0	0.90	1.3	1.46	AIR-CHANGE	0.08	999.0	10399.6
L7A SW Perim Spc (G.SW19) APT1	1.0	EXT	0.0	0.90	1.1	1.46	AIR-CHANGE	0.11	891.8	9283.1
L7A Core Spc (G.C20) COR	1.0	EXT	180.0	0.66	0.0	0.20	NO-INFILT.	0.00	623.0	6485.4
L7A NW Perim Spc (G.NW21) AMN	1.0	EXT	90.0	0.73	0.0	0.50	AIR-CHANGE	0.13	778.0	8099.0
L7A NE Perim Spc (G.NE22) AMN	1.0	EXT	180.0	0.73	0.0	0.50	AIR-CHANGE	0.12	829.5	8635.1
L7A SSE Perim Spc (G.SSE23) APT2	1.0	EXT	-90.0	0.90	1.6	1.46	AIR-CHANGE	0.09	1282.5	13350.8

Spaces on floor: L8 Ground Flr

L8A Core Spc (G.C1) ELV	1.0	EXT	0.0	0.00	0.0	0.00	NO-INFILT.	0.00	161.5	1574.6
L8A East Perim Spc (G.E2) GSHF	1.0	EXT	-90.0	0.00	0.0	0.00	AIR-CHANGE	6.15	38.2	372.9
L8A East Perim Spc (G.E3) APT2	1.0	EXT	-90.0	0.90	1.2	1.46	AIR-CHANGE	0.08	956.8	9328.3
L8A Core Spc (G.C4) TSHF	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	6.15	27.0	263.2
L8A Core Spc (G.C5) TRSH	1.0	EXT	0.0	0.57	0.0	0.00	NO-INFILT.	0.00	54.0	526.5
L8A Core Spc (G.C6) ELEC	1.0	EXT	0.0	0.95	0.0	0.00	NO-INFILT.	0.00	65.0	633.8
L8A Core Spc (G.C7) STR	1.0	EXT	0.0	0.69	0.0	0.20	NO-INFILT.	0.00	144.5	1408.9
L8A West Perim Spc (G.W8) APT2	1.0	EXT	0.0	0.90	1.1	1.46	AIR-CHANGE	0.10	891.0	8687.2
L8A SW Perim Spc (G.SW9) APT1	1.0	EXT	0.0	0.90	0.9	1.46	AIR-CHANGE	0.14	688.5	6712.9
L8A Core Spc (G.C10) COR	1.0	EXT	0.0	0.66	0.0	0.20	NO-INFILT.	0.00	749.5	7307.6
L8A NW Perim Spc (G.NW11) APT1	1.0	EXT	90.0	0.90	1.0	1.46	AIR-CHANGE	0.14	776.5	7570.9
L8A NE Perim Spc (G.NE12) APT1	1.0	EXT	180.0	0.90	1.2	1.46	AIR-CHANGE	0.11	948.8	9250.3
L8A South Perim Spc (G.S13) APT1	1.0	EXT	0.0	0.90	0.7	1.46	AIR-CHANGE	0.14	540.0	5265.0
L8A SE Perim Spc (G.SE14) APT1	1.0	EXT	0.0	0.90	0.7	1.46	AIR-CHANGE	0.17	540.0	5265.0

BUILDING TOTALS				0.74	366.7	1.01			217166.2	2231328.8
-----------------	--	--	--	------	-------	------	--	--	----------	-----------

CONDITIONED FLOOR AREA	=	171490.0	SQFT
TOTAL INSTALLED LIGHTING POWER	=	160.598	KW
TOTAL INSTALLED EQUIPMENT POWER	=	218.728	KW

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

NUMBER OF EXTERIOR SURFACES1003

(U-VALUE INCLUDES OUTSIDE FILM; WINDOW INCLUDES FRAME AND CURB, IF DEFINED)

SURFACE	- - - W I N D O W S - - -		- - - - W A L L - - -		- W A L L + W I N D O W S -		AZIMUTH
	U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	
P1 East Wall (B.NE14.U16) 2	0.000	0.00	0.063	275.00	0.063	275.00	NORTH
in space: P1B NE Perim Spc (B.NE14) APT1							
L1 East Slab (G.C3.S2)	0.000	0.00	0.235	3.35	0.235	3.35	NORTH
in space: L1B Core Spc (G.C3) STR							
L1 East Wall (G.C3.E2)	0.000	0.00	0.063	45.20	0.063	45.20	NORTH
in space: L1B Core Spc (G.C3) STR							
L1 East Slab (G.E6.S6)	0.000	0.00	0.235	19.43	0.235	19.43	NORTH
in space: L1B East Perim Spc (G.E6) APT1							
L1 East Wall (G.E6.E6)	0.400	62.70	0.063	199.46	0.144	262.16	NORTH
in space: L1B East Perim Spc (G.E6) APT1							
L1 East Slab (G.E9.S12)	0.000	0.00	0.235	12.06	0.235	12.06	NORTH
in space: L1B East Perim Spc (G.E9) APT1							
L1 East Wall (G.E9.E12)	0.400	38.92	0.063	123.80	0.144	162.72	NORTH
in space: L1B East Perim Spc (G.E9) APT1							
L1 East Wall (G.E10.E13)	0.400	60.54	0.063	192.58	0.144	253.12	NORTH
in space: L1B East Perim Spc (G.E10) APT1							
L1 East Slab (G.S17.S25)	0.000	0.00	0.235	0.67	0.235	0.67	NORTH
in space: L1A South Perim Spc (G.S17) LOB							
L1 East Wall (G.S17.E25)	0.500	7.07	0.063	1.97	0.405	9.04	NORTH
in space: L1A South Perim Spc (G.S17) LOB							
L1 East Slab (G.E18.S26) \$X	0.000	0.00	0.235	5.70	0.235	5.70	NORTH
in space: L1A East Perim Spc (G.E18) GSHF							
L1 East Wall (G.E18.E26) \$X	0.000	0.00	0.063	76.84	0.063	76.84	NORTH
in space: L1A East Perim Spc (G.E18) GSHF							
L1 East Slab (G.E19.S27)	0.000	0.00	0.235	19.10	0.235	19.10	NORTH
in space: L1A East Perim Spc (G.E19) APT2							
L1 East Wall (G.E19.E27)	0.400	61.62	0.063	196.02	0.144	257.64	NORTH
in space: L1A East Perim Spc (G.E19) APT2							
L1 East Slab (G.NNE24.S30)	0.000	0.00	0.235	12.40	0.235	12.40	NORTH
in space: L1A NNE Perim Spc (G.NNE24) APT1							
L1 East Wall (G.NNE24.E30)	0.400	40.00	0.063	127.24	0.144	167.24	NORTH
in space: L1A NNE Perim Spc (G.NNE24) APT1							
L1 East Slab (G.E29.S43)	0.000	0.00	0.235	0.67	0.235	0.67	NORTH
in space: L1B East Perim Spc (G.E29) APT1							
L1 East Wall (G.E29.E43)	0.000	0.00	0.063	9.04	0.063	9.04	NORTH
in space: L1B East Perim Spc (G.E29) APT1							
L1 East Slab (G.E29.S45)	0.000	0.00	0.235	16.42	0.235	16.42	NORTH
in space: L1B East Perim Spc (G.E29) APT1							
L1 East Wall (G.E29.E45)	0.400	52.97	0.063	168.51	0.144	221.48	NORTH
in space: L1B East Perim Spc (G.E29) APT1							
L2 East Slab (G.N4.S3)	0.000	0.00	0.235	3.35	0.235	3.35	NORTH
in space: L2B North Perim Spc (G.N4) APT4							
L2 East Wall (G.N4.E3)	0.400	10.81	0.063	53.34	0.120	64.15	NORTH
in space: L2B North Perim Spc (G.N4) APT4							
L2 East Slab (G.N4.S7)	0.000	0.00	0.235	3.35	0.235	3.35	NORTH
in space: L2B North Perim Spc (G.N4) APT4							
L2 East Wall (G.N4.E7)	0.400	10.81	0.063	53.34	0.120	64.15	NORTH
in space: L2B North Perim Spc (G.N4) APT4							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L2 East Slab (G.N4.S11)	0.000	0.00	0.235	3.35	0.235	3.35	NORTH
in space: L2B North Perim Spc (G.N4) APT4							
L2 East Wall (G.N4.E11)	0.400	10.81	0.063	53.34	0.120	64.15	NORTH
in space: L2B North Perim Spc (G.N4) APT4							
L2 East Slab (G.N4.S15)	0.000	0.00	0.235	3.35	0.235	3.35	NORTH
in space: L2B North Perim Spc (G.N4) APT4							
L2 East Wall (G.N4.E15)	0.400	10.81	0.063	53.34	0.120	64.15	NORTH
in space: L2B North Perim Spc (G.N4) APT4							
L2 East Slab (G.E5.S19)	0.000	0.00	0.235	22.78	0.235	22.78	NORTH
in space: L2B East Perim Spc (G.E5) APT1							
L2 East Wall (G.E5.E19)	0.400	73.51	0.063	362.71	0.120	436.22	NORTH
in space: L2B East Perim Spc (G.E5) APT1							
L2 East Slab (G.E5.S21)	0.000	0.00	0.235	3.35	0.235	3.35	NORTH
in space: L2B East Perim Spc (G.E5) APT1							
L2 East Wall (G.E5.E21)	0.400	10.81	0.063	53.34	0.120	64.15	NORTH
in space: L2B East Perim Spc (G.E5) APT1							
L2 East Slab (G.E8.S28)	0.000	0.00	0.235	11.39	0.235	11.39	NORTH
in space: L2B East Perim Spc (G.E8) APT1							
L2 East Wall (G.E8.E28)	0.400	36.75	0.063	181.36	0.120	218.11	NORTH
in space: L2B East Perim Spc (G.E8) APT1							
L2 East Slab (G.E9.S29)	0.000	0.00	0.235	18.76	0.235	18.76	NORTH
in space: L2B East Perim Spc (G.E9) APT1							
L2 East Wall (G.E9.E29)	0.400	60.54	0.063	298.70	0.120	359.24	NORTH
in space: L2B East Perim Spc (G.E9) APT1							
L2 East Slab (G.E9.S31)	0.000	0.00	0.235	0.67	0.235	0.67	NORTH
in space: L2B East Perim Spc (G.E9) APT1							
L2 East Wall (G.E9.E31)	0.400	2.16	0.063	10.67	0.120	12.83	NORTH
in space: L2B East Perim Spc (G.E9) APT1							
L2 East Slab (G.S10.S35)	0.000	0.00	0.235	2.68	0.235	2.68	NORTH
in space: L2B South Perim Spc (G.S10) APT6							
L2 East Wall (G.S10.E35)	0.400	8.65	0.063	42.67	0.120	51.32	NORTH
in space: L2B South Perim Spc (G.S10) APT6							
L2 East Slab (G.S10.S39)	0.000	0.00	0.235	2.68	0.235	2.68	NORTH
in space: L2B South Perim Spc (G.S10) APT6							
L2 East Wall (G.S10.E39)	0.400	8.65	0.063	42.67	0.120	51.32	NORTH
in space: L2B South Perim Spc (G.S10) APT6							
L2 East Slab (G.S10.S43)	0.000	0.00	0.235	2.68	0.235	2.68	NORTH
in space: L2B South Perim Spc (G.S10) APT6							
L2 East Wall (G.S10.E43)	0.400	8.65	0.063	42.67	0.120	51.32	NORTH
in space: L2B South Perim Spc (G.S10) APT6							
L2 East Slab (G.SSW12.S49)	0.000	0.00	0.235	0.67	0.235	0.67	NORTH
in space: L2B SSW Perim Spc (G.SSW12) LOB							
L2 East Wall (G.SSW12.E49)	0.500	7.07	0.063	5.76	0.304	12.83	NORTH
in space: L2B SSW Perim Spc (G.SSW12) LOB							
L2 East Slab (G.E13.S52) \$X	0.000	0.00	0.235	5.70	0.235	5.70	NORTH
in space: L2A East Perim Spc (G.E13) GSHF							
L2 East Wall (G.E13.E52) \$X	0.000	0.00	0.063	109.06	0.063	109.06	NORTH
in space: L2A East Perim Spc (G.E13) GSHF							
L2 East Slab (G.E14.S54)	0.000	0.00	0.235	5.36	0.235	5.36	NORTH
in space: L2A East Perim Spc (G.E14) APT3							
L2 East Wall (G.E14.E54)	0.400	17.30	0.063	85.34	0.120	102.64	NORTH
in space: L2A East Perim Spc (G.E14) APT3							
L2 East Slab (G.E14.S55)	0.000	0.00	0.235	37.19	0.235	37.19	NORTH
in space: L2A East Perim Spc (G.E14) APT3							
L2 East Wall (G.E14.E55)	0.400	119.99	0.063	592.07	0.120	712.07	NORTH
in space: L2A East Perim Spc (G.E14) APT3							
L2 East Slab (G.WNW18.S58)	0.000	0.00	0.235	3.35	0.235	3.35	NORTH
in space: L2A WNW Perim Spc (G.WNW18) APT1							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L2 East Wall (G.WNW18.E58)	0.400	10.81	0.063	53.34	0.120	64.15	NORTH
in space: L2A WNW Perim Spc (G.WNW18) APT1							
L2 East Slab (G.WNW18.S62)	0.000	0.00	0.235	3.35	0.235	3.35	NORTH
in space: L2A WNW Perim Spc (G.WNW18) APT1							
L2 East Wall (G.WNW18.E62)	0.400	10.81	0.063	53.34	0.120	64.15	NORTH
in space: L2A WNW Perim Spc (G.WNW18) APT1							
L2 East Slab (G.N19.S66)	0.000	0.00	0.235	3.35	0.235	3.35	NORTH
in space: L2A North Perim Spc (G.N19) APT2							
L2 East Wall (G.N19.E66)	0.400	10.81	0.063	53.34	0.120	64.15	NORTH
in space: L2A North Perim Spc (G.N19) APT2							
L2 East Slab (G.N19.S70)	0.000	0.00	0.235	3.35	0.235	3.35	NORTH
in space: L2A North Perim Spc (G.N19) APT2							
L2 East Wall (G.N19.E70)	0.400	10.81	0.063	53.34	0.120	64.15	NORTH
in space: L2A North Perim Spc (G.N19) APT2							
L2 East Slab (G.SW20.S74)	0.000	0.00	0.235	8.38	0.235	8.38	NORTH
in space: L2A SW Perim Spc (G.SW20) RST							
L2 East Wall (G.SW20.E74)	0.500	88.42	0.063	71.95	0.304	160.38	NORTH
in space: L2A SW Perim Spc (G.SW20) RST							
L2 East Slab (G.E23.S78)	0.000	0.00	0.235	21.77	0.235	21.77	NORTH
in space: L2B East Perim Spc (G.E23) APT1							
L2 East Wall (G.E23.E78)	0.400	70.26	0.063	346.71	0.120	416.98	NORTH
in space: L2B East Perim Spc (G.E23) APT1							
L2 East Slab (G.E23.S80)	0.000	0.00	0.235	3.35	0.235	3.35	NORTH
in space: L2B East Perim Spc (G.E23) APT1							
L2 East Wall (G.E23.E80)	0.400	10.81	0.063	53.34	0.120	64.15	NORTH
in space: L2B East Perim Spc (G.E23) APT1							
L3 East Slab (G.N3.S2)	0.000	0.00	0.235	0.67	0.235	0.67	NORTH
in space: L3B North Perim Spc (G.N3) COR							
L3 East Wall (G.N3.E2)	0.400	2.16	0.063	6.92	0.143	9.08	NORTH
in space: L3B North Perim Spc (G.N3) COR							
L3 East Slab (G.N4.S4)	0.000	0.00	0.235	3.35	0.235	3.35	NORTH
in space: L3B North Perim Spc (G.N4) APT4							
L3 East Wall (G.N4.E4)	0.400	10.81	0.063	34.59	0.143	45.40	NORTH
in space: L3B North Perim Spc (G.N4) APT4							
L3 East Slab (G.N4.S8)	0.000	0.00	0.235	3.35	0.235	3.35	NORTH
in space: L3B North Perim Spc (G.N4) APT4							
L3 East Wall (G.N4.E8)	0.400	10.81	0.063	34.59	0.143	45.40	NORTH
in space: L3B North Perim Spc (G.N4) APT4							
L3 East Slab (G.N4.S12)	0.000	0.00	0.235	3.35	0.235	3.35	NORTH
in space: L3B North Perim Spc (G.N4) APT4							
L3 East Wall (G.N4.E12)	0.400	10.81	0.063	34.59	0.143	45.40	NORTH
in space: L3B North Perim Spc (G.N4) APT4							
L3 East Slab (G.N4.S16)	0.000	0.00	0.235	3.35	0.235	3.35	NORTH
in space: L3B North Perim Spc (G.N4) APT4							
L3 East Wall (G.N4.E16)	0.400	10.81	0.063	34.59	0.143	45.40	NORTH
in space: L3B North Perim Spc (G.N4) APT4							
L3 East Slab (G.E5.S20)	0.000	0.00	0.235	22.78	0.235	22.78	NORTH
in space: L3B East Perim Spc (G.E5) APT1							
L3 East Wall (G.E5.E20)	0.400	73.51	0.063	235.21	0.143	308.72	NORTH
in space: L3B East Perim Spc (G.E5) APT1							
L3 East Slab (G.E5.S22)	0.000	0.00	0.235	3.35	0.235	3.35	NORTH
in space: L3B East Perim Spc (G.E5) APT1							
L3 East Wall (G.E5.E22)	0.400	10.81	0.063	34.59	0.143	45.40	NORTH
in space: L3B East Perim Spc (G.E5) APT1							
L3 East Slab (G.E8.S29)	0.000	0.00	0.235	11.39	0.235	11.39	NORTH
in space: L3B East Perim Spc (G.E8) APT1							
L3 East Wall (G.E8.E29)	0.400	36.75	0.063	117.61	0.143	154.36	NORTH
in space: L3B East Perim Spc (G.E8) APT1							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L3 East Slab (G.E9.S33)	0.000	0.00	0.235	26.13	0.235	26.13	NORTH
in space: L3B East Perim Spc (G.E9) APT1							
L3 East Wall (G.E9.E33)	0.400	84.32	0.063	269.80	0.143	354.12	NORTH
in space: L3B East Perim Spc (G.E9) APT1							
L3 East Slab (G.S10.S37)	0.000	0.00	0.235	1.34	0.235	1.34	NORTH
in space: L3B South Perim Spc (G.S10) APT7							
L3 East Wall (G.S10.E37)	0.400	4.32	0.063	13.84	0.143	18.16	NORTH
in space: L3B South Perim Spc (G.S10) APT7							
L3 East Slab (G.S10.S41)	0.000	0.00	0.235	1.34	0.235	1.34	NORTH
in space: L3B South Perim Spc (G.S10) APT7							
L3 East Wall (G.S10.E41)	0.400	4.32	0.063	13.84	0.143	18.16	NORTH
in space: L3B South Perim Spc (G.S10) APT7							
L3 East Slab (G.S10.S45)	0.000	0.00	0.235	1.34	0.235	1.34	NORTH
in space: L3B South Perim Spc (G.S10) APT7							
L3 East Wall (G.S10.E45)	0.400	4.32	0.063	13.84	0.143	18.16	NORTH
in space: L3B South Perim Spc (G.S10) APT7							
L3 East Slab (G.S10.S49)	0.000	0.00	0.235	1.34	0.235	1.34	NORTH
in space: L3B South Perim Spc (G.S10) APT7							
L3 East Wall (G.S10.E49)	0.400	4.32	0.063	13.84	0.143	18.16	NORTH
in space: L3B South Perim Spc (G.S10) APT7							
L3 East Slab (G.S10.S53)	0.000	0.00	0.235	1.34	0.235	1.34	NORTH
in space: L3B South Perim Spc (G.S10) APT7							
L3 East Wall (G.S10.E53)	0.400	4.32	0.063	13.84	0.143	18.16	NORTH
in space: L3B South Perim Spc (G.S10) APT7							
L3 East Slab (G.S10.S57)	0.000	0.00	0.235	1.34	0.235	1.34	NORTH
in space: L3B South Perim Spc (G.S10) APT7							
L3 East Wall (G.S10.E57)	0.400	4.32	0.063	13.84	0.143	18.16	NORTH
in space: L3B South Perim Spc (G.S10) APT7							
L3 East Slab (G.S10.S61)	0.000	0.00	0.235	1.34	0.235	1.34	NORTH
in space: L3B South Perim Spc (G.S10) APT7							
L3 East Wall (G.S10.E61)	0.400	4.32	0.063	13.84	0.143	18.16	NORTH
in space: L3B South Perim Spc (G.S10) APT7							
L3 East Slab (G.S10.S65)	0.000	0.00	0.235	1.34	0.235	1.34	NORTH
in space: L3B South Perim Spc (G.S10) APT7							
L3 East Wall (G.S10.E65)	0.400	4.32	0.063	13.84	0.143	18.16	NORTH
in space: L3B South Perim Spc (G.S10) APT7							
L3 East Slab (G.E12.S66) \$X	0.000	0.00	0.235	5.70	0.235	5.70	NORTH
in space: L3A East Perim Spc (G.E12) GSHF							
L3 East Wall (G.E12.E66) \$X	0.000	0.00	0.063	77.18	0.063	77.18	NORTH
in space: L3A East Perim Spc (G.E12) GSHF							
L3 East Slab (G.E13.S68)	0.000	0.00	0.235	5.36	0.235	5.36	NORTH
in space: L3A East Perim Spc (G.E13) APT4							
L3 East Wall (G.E13.E68)	0.400	17.30	0.063	55.34	0.143	72.64	NORTH
in space: L3A East Perim Spc (G.E13) APT4							
L3 East Slab (G.E13.S69)	0.000	0.00	0.235	37.19	0.235	37.19	NORTH
in space: L3A East Perim Spc (G.E13) APT4							
L3 East Wall (G.E13.E69)	0.400	119.99	0.063	383.95	0.143	503.94	NORTH
in space: L3A East Perim Spc (G.E13) APT4							
L3 East Slab (G.NW17.S73)	0.000	0.00	0.235	3.35	0.235	3.35	NORTH
in space: L3A NW Perim Spc (G.NW17) APT1							
L3 East Wall (G.NW17.E73)	0.400	10.81	0.063	34.59	0.143	45.40	NORTH
in space: L3A NW Perim Spc (G.NW17) APT1							
L3 East Slab (G.N18.S77)	0.000	0.00	0.235	3.35	0.235	3.35	NORTH
in space: L3A North Perim Spc (G.N18) APT3							
L3 East Wall (G.N18.E77)	0.400	10.81	0.063	34.59	0.143	45.40	NORTH
in space: L3A North Perim Spc (G.N18) APT3							
L3 East Slab (G.N18.S81)	0.000	0.00	0.235	3.35	0.235	3.35	NORTH
in space: L3A North Perim Spc (G.N18) APT3							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L3 East Wall (G.N18.E81)	0.400	10.81	0.063	34.59	0.143	45.40	NORTH
in space: L3A North Perim Spc (G.N18) APT3							
L3 East Slab (G.N18.S85)	0.000	0.00	0.235	3.35	0.235	3.35	NORTH
in space: L3A North Perim Spc (G.N18) APT3							
L3 East Wall (G.N18.E85)	0.400	10.81	0.063	34.59	0.143	45.40	NORTH
in space: L3A North Perim Spc (G.N18) APT3							
L3 East Slab (G.E19.S89)	0.000	0.00	0.235	21.77	0.235	21.77	NORTH
in space: L3B East Perim Spc (G.E19) APT1							
L3 East Wall (G.E19.E89)	0.400	70.26	0.063	224.84	0.143	295.10	NORTH
in space: L3B East Perim Spc (G.E19) APT1							
L3 East Slab (G.E19.S91)	0.000	0.00	0.235	3.35	0.235	3.35	NORTH
in space: L3B East Perim Spc (G.E19) APT1							
L3 East Wall (G.E19.E91)	0.400	10.81	0.063	34.59	0.143	45.40	NORTH
in space: L3B East Perim Spc (G.E19) APT1							
L3 East Slab (G.S24.S109)	0.000	0.00	0.235	2.35	0.235	2.35	NORTH
in space: L3A South Perim Spc (G.S24) APT3							
L3 East Wall (G.S24.E109)	0.400	7.57	0.063	24.21	0.143	31.78	NORTH
in space: L3A South Perim Spc (G.S24) APT3							
L4 East Wall (G.N3.E2)	0.400	2.16	0.063	7.59	0.138	9.75	NORTH
in space: L4B North Perim Spc (G.N3) COR							
L4 East Wall (G.N4.E4)	0.400	10.81	0.063	37.94	0.138	48.75	NORTH
in space: L4B North Perim Spc (G.N4) APT4							
L4 East Wall (G.N4.E8)	0.400	10.81	0.063	37.94	0.138	48.75	NORTH
in space: L4B North Perim Spc (G.N4) APT4							
L4 East Wall (G.N4.E12)	0.400	10.81	0.063	37.94	0.138	48.75	NORTH
in space: L4B North Perim Spc (G.N4) APT4							
L4 East Wall (G.N4.E16)	0.400	10.81	0.063	37.94	0.138	48.75	NORTH
in space: L4B North Perim Spc (G.N4) APT4							
L4 East Wall (G.E5.E20)	0.400	73.51	0.063	257.99	0.138	331.50	NORTH
in space: L4B East Perim Spc (G.E5) APT1							
L4 East Wall (G.E5.E22)	0.400	10.81	0.063	37.94	0.138	48.75	NORTH
in space: L4B East Perim Spc (G.E5) APT1							
L4 East Wall (G.E8.E29)	0.400	36.75	0.063	129.00	0.138	165.75	NORTH
in space: L4B East Perim Spc (G.E8) APT1							
L4 East Wall (G.E9.E33)	0.400	84.32	0.063	295.93	0.138	380.25	NORTH
in space: L4B East Perim Spc (G.E9) APT1							
L4 East Wall (G.S10.E37)	0.400	4.32	0.063	15.18	0.138	19.50	NORTH
in space: L4B South Perim Spc (G.S10) APT7							
L4 East Wall (G.S10.E41)	0.400	4.32	0.063	15.18	0.138	19.50	NORTH
in space: L4B South Perim Spc (G.S10) APT7							
L4 East Wall (G.S10.E45)	0.400	4.32	0.063	15.18	0.138	19.50	NORTH
in space: L4B South Perim Spc (G.S10) APT7							
L4 East Wall (G.S10.E49)	0.400	4.32	0.063	15.18	0.138	19.50	NORTH
in space: L4B South Perim Spc (G.S10) APT7							
L4 East Wall (G.S10.E53)	0.400	4.32	0.063	15.18	0.138	19.50	NORTH
in space: L4B South Perim Spc (G.S10) APT7							
L4 East Wall (G.S10.E57)	0.400	4.32	0.063	15.18	0.138	19.50	NORTH
in space: L4B South Perim Spc (G.S10) APT7							
L4 East Wall (G.S10.E61)	0.400	4.32	0.063	15.18	0.138	19.50	NORTH
in space: L4B South Perim Spc (G.S10) APT7							
L4 East Wall (G.S10.E65)	0.400	4.32	0.063	15.18	0.138	19.50	NORTH
in space: L4B South Perim Spc (G.S10) APT7							
L4 East Wall (G.E12.E66) \$X	0.000	0.00	0.063	82.88	0.063	82.88	NORTH
in space: L4A East Perim Spc (G.E12) GSHF							
L4 East Wall (G.E13.E68)	0.400	17.30	0.063	60.70	0.138	78.00	NORTH
in space: L4A East Perim Spc (G.E13) APT4							
L4 East Wall (G.E13.E69)	0.400	119.99	0.063	421.13	0.138	541.12	NORTH
in space: L4A East Perim Spc (G.E13) APT4							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L4 East Wall (G.NW17.E73)	0.400	10.81	0.063	37.94	0.138	48.75	NORTH
in space: L4A NW Perim Spc (G.NW17) APT1							
L4 East Wall (G.N18.E77)	0.400	10.81	0.063	37.94	0.138	48.75	NORTH
in space: L4A North Perim Spc (G.N18) APT3							
L4 East Wall (G.N18.E81)	0.400	10.81	0.063	37.94	0.138	48.75	NORTH
in space: L4A North Perim Spc (G.N18) APT3							
L4 East Wall (G.N18.E85)	0.400	10.81	0.063	37.94	0.138	48.75	NORTH
in space: L4A North Perim Spc (G.N18) APT3							
L4 East Wall (G.E19.E89)	0.400	70.26	0.063	246.61	0.138	316.88	NORTH
in space: L4B East Perim Spc (G.E19) APT1							
L4 East Wall (G.E19.E91)	0.400	10.81	0.063	37.94	0.138	48.75	NORTH
in space: L4B East Perim Spc (G.E19) APT1							
L4 East Wall (G.S24.E109)	0.400	7.57	0.063	26.56	0.138	34.12	NORTH
in space: L4A South Perim Spc (G.S24) APT3							
L5 East Wall (G.N3.E2)	0.400	2.16	0.063	7.59	0.138	9.75	NORTH
in space: L5B North Perim Spc (G.N3) COR							
L5 East Wall (G.N4.E4)	0.400	10.81	0.063	37.94	0.138	48.75	NORTH
in space: L5B North Perim Spc (G.N4) APT4							
L5 East Wall (G.N4.E8)	0.400	10.81	0.063	37.94	0.138	48.75	NORTH
in space: L5B North Perim Spc (G.N4) APT4							
L5 East Wall (G.N4.E12)	0.400	10.81	0.063	37.94	0.138	48.75	NORTH
in space: L5B North Perim Spc (G.N4) APT4							
L5 East Wall (G.N4.E16)	0.400	10.81	0.063	37.94	0.138	48.75	NORTH
in space: L5B North Perim Spc (G.N4) APT4							
L5 East Wall (G.E5.E20)	0.400	73.51	0.063	257.99	0.138	331.50	NORTH
in space: L5B East Perim Spc (G.E5) APT1							
L5 East Wall (G.E5.E22)	0.400	10.81	0.063	37.94	0.138	48.75	NORTH
in space: L5B East Perim Spc (G.E5) APT1							
L5 East Wall (G.E8.E29)	0.400	36.75	0.063	129.00	0.138	165.75	NORTH
in space: L5B East Perim Spc (G.E8) APT1							
L5 East Wall (G.E9.E33)	0.400	84.32	0.063	295.93	0.138	380.25	NORTH
in space: L5B East Perim Spc (G.E9) APT1							
L5 East Wall (G.S10.E37)	0.400	4.32	0.063	15.18	0.138	19.50	NORTH
in space: L5B South Perim Spc (G.S10) APT7							
L5 East Wall (G.S10.E41)	0.400	4.32	0.063	15.18	0.138	19.50	NORTH
in space: L5B South Perim Spc (G.S10) APT7							
L5 East Wall (G.S10.E45)	0.400	4.32	0.063	15.18	0.138	19.50	NORTH
in space: L5B South Perim Spc (G.S10) APT7							
L5 East Wall (G.S10.E49)	0.400	4.32	0.063	15.18	0.138	19.50	NORTH
in space: L5B South Perim Spc (G.S10) APT7							
L5 East Wall (G.S10.E53)	0.400	4.32	0.063	15.18	0.138	19.50	NORTH
in space: L5B South Perim Spc (G.S10) APT7							
L5 East Wall (G.S10.E57)	0.400	4.32	0.063	15.18	0.138	19.50	NORTH
in space: L5B South Perim Spc (G.S10) APT7							
L5 East Wall (G.S10.E61)	0.400	4.32	0.063	15.18	0.138	19.50	NORTH
in space: L5B South Perim Spc (G.S10) APT7							
L5 East Wall (G.S10.E65)	0.400	4.32	0.063	15.18	0.138	19.50	NORTH
in space: L5B South Perim Spc (G.S10) APT7							
L5 East Wall (G.E12.E66) \$X	0.000	0.00	0.063	82.88	0.063	82.88	NORTH
in space: L5A East Perim Spc (G.E12) GSHF							
L5 East Wall (G.E13.E68)	0.400	17.30	0.063	60.70	0.138	78.00	NORTH
in space: L5A East Perim Spc (G.E13) APT4							
L5 East Wall (G.E13.E69)	0.400	119.99	0.063	421.13	0.138	541.12	NORTH
in space: L5A East Perim Spc (G.E13) APT4							
L5 East Wall (G.NW17.E73)	0.400	10.81	0.063	37.94	0.138	48.75	NORTH
in space: L5A NW Perim Spc (G.NW17) APT1							
L5 East Wall (G.N18.E77)	0.400	10.81	0.063	37.94	0.138	48.75	NORTH
in space: L5A North Perim Spc (G.N18) APT3							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L5 East Wall (G.N18.E81)	0.400	10.81	0.063	37.94	0.138	48.75	NORTH
in space: L5A North Perim Spc (G.N18) APT3							
L5 East Wall (G.N18.E85)	0.400	10.81	0.063	37.94	0.138	48.75	NORTH
in space: L5A North Perim Spc (G.N18) APT3							
L5 East Wall (G.E19.E89)	0.400	70.26	0.063	246.61	0.138	316.88	NORTH
in space: L5B East Perim Spc (G.E19) APT1							
L5 East Wall (G.E19.E91)	0.400	10.81	0.063	37.94	0.138	48.75	NORTH
in space: L5B East Perim Spc (G.E19) APT1							
L5 East Wall (G.S24.E109)	0.400	7.57	0.063	26.56	0.138	34.12	NORTH
in space: L5A South Perim Spc (G.S24) APT3							
L6 East Wall (G.N3.E2)	0.400	2.16	0.063	7.59	0.138	9.75	NORTH
in space: L6B North Perim Spc (G.N3) COR							
L6 East Wall (G.N4.E4)	0.400	10.81	0.063	37.94	0.138	48.75	NORTH
in space: L6B North Perim Spc (G.N4) APT4							
L6 East Wall (G.N4.E8)	0.400	10.81	0.063	37.94	0.138	48.75	NORTH
in space: L6B North Perim Spc (G.N4) APT4							
L6 East Wall (G.N4.E12)	0.400	10.81	0.063	37.94	0.138	48.75	NORTH
in space: L6B North Perim Spc (G.N4) APT4							
L6 East Wall (G.N4.E16)	0.400	10.81	0.063	37.94	0.138	48.75	NORTH
in space: L6B North Perim Spc (G.N4) APT4							
L6 East Wall (G.E5.E20)	0.400	73.51	0.063	257.99	0.138	331.50	NORTH
in space: L6B East Perim Spc (G.E5) APT1							
L6 East Wall (G.E5.E22)	0.400	10.81	0.063	37.94	0.138	48.75	NORTH
in space: L6B East Perim Spc (G.E5) APT1							
L6 East Wall (G.E8.E29)	0.400	36.75	0.063	129.00	0.138	165.75	NORTH
in space: L6B East Perim Spc (G.E8) APT1							
L6 East Wall (G.E9.E33)	0.400	84.32	0.063	295.93	0.138	380.25	NORTH
in space: L6B East Perim Spc (G.E9) APT1							
L6 East Wall (G.S10.E37)	0.400	4.32	0.063	15.18	0.138	19.50	NORTH
in space: L6B South Perim Spc (G.S10) APT7							
L6 East Wall (G.S10.E41)	0.400	4.32	0.063	15.18	0.138	19.50	NORTH
in space: L6B South Perim Spc (G.S10) APT7							
L6 East Wall (G.S10.E45)	0.400	4.32	0.063	15.18	0.138	19.50	NORTH
in space: L6B South Perim Spc (G.S10) APT7							
L6 East Wall (G.S10.E49)	0.400	4.32	0.063	15.18	0.138	19.50	NORTH
in space: L6B South Perim Spc (G.S10) APT7							
L6 East Wall (G.S10.E53)	0.400	4.32	0.063	15.18	0.138	19.50	NORTH
in space: L6B South Perim Spc (G.S10) APT7							
L6 East Wall (G.S10.E57)	0.400	4.32	0.063	15.18	0.138	19.50	NORTH
in space: L6B South Perim Spc (G.S10) APT7							
L6 East Wall (G.S10.E61)	0.400	4.32	0.063	15.18	0.138	19.50	NORTH
in space: L6B South Perim Spc (G.S10) APT7							
L6 East Wall (G.S10.E65)	0.400	4.32	0.063	15.18	0.138	19.50	NORTH
in space: L6B South Perim Spc (G.S10) APT7							
L6 East Wall (G.E12.E66) \$X	0.000	0.00	0.063	82.88	0.063	82.88	NORTH
in space: L6A East Perim Spc (G.E12) GSHF							
L6 East Wall (G.E13.E68)	0.400	17.30	0.063	60.70	0.138	78.00	NORTH
in space: L6A East Perim Spc (G.E13) APT4							
L6 East Wall (G.E13.E69)	0.400	119.99	0.063	421.13	0.138	541.12	NORTH
in space: L6A East Perim Spc (G.E13) APT4							
L6 East Wall (G.E19.E74)	0.400	70.26	0.063	246.61	0.138	316.88	NORTH
in space: L6B East Perim Spc (G.E19) APT1							
L6 East Wall (G.S24.E91)	0.400	7.57	0.063	26.56	0.138	34.12	NORTH
in space: L6A South Perim Spc (G.S24) APT3							
L7 East Wall (G.N3.E3)	0.400	2.16	0.063	8.25	0.133	10.41	NORTH
in space: L7B North Perim Spc (G.N3) COR							
L7 East Wall (G.E5.E6)	0.400	73.51	0.063	280.43	0.133	353.94	NORTH
in space: L7B East Perim Spc (G.E5) APT1							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L7 East Wall (G.E8.E12)	0.400	36.75	0.063	140.22	0.133	176.97	NORTH
in space: L7B East Perim Spc (G.E8) APT1							
L7 East Wall (G.E9.E16)	0.400	84.32	0.063	321.67	0.133	405.99	NORTH
in space: L7B East Perim Spc (G.E9) APT1							
L7 East Wall (G.SSW10.E19)	0.400	4.32	0.063	16.50	0.133	20.82	NORTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 East Wall (G.SSW10.E23)	0.400	4.32	0.063	16.50	0.133	20.82	NORTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 East Wall (G.SSW10.E27)	0.400	4.32	0.063	16.50	0.133	20.82	NORTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 East Wall (G.SSW10.E31)	0.400	4.32	0.063	16.50	0.133	20.82	NORTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 East Wall (G.SSW10.E35)	0.400	4.32	0.063	16.50	0.133	20.82	NORTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 East Wall (G.SSW10.E39)	0.400	4.32	0.063	16.50	0.133	20.82	NORTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 East Wall (G.SSW10.E43)	0.400	4.32	0.063	16.50	0.133	20.82	NORTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 East Wall (G.SSW10.E47)	0.400	4.32	0.063	16.50	0.133	20.82	NORTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 East Wall (G.E12.E49) \$X	0.000	0.00	0.063	88.49	0.063	88.49	NORTH
in space: L7A East Perim Spc (G.E12) GSHF							
L7 East Wall (G.E13.E50)	0.400	61.62	0.063	235.07	0.133	296.68	NORTH
in space: L7A East Perim Spc (G.E13) APT2							
L7 East Wall (G.NE22.E58)	0.400	191.00	0.063	90.07	0.292	281.07	NORTH
in space: L7A NE Perim Spc (G.NE22) AMN							
L7 East Wall (G.SSE23.E59)	0.400	61.62	0.063	235.07	0.133	296.68	NORTH
in space: L7A SSE Perim Spc (G.SSE23) APT2							
L8 East Wall (G.E2.E2) \$X	0.000	0.00	0.063	82.88	0.063	82.88	NORTH
in space: L8A East Perim Spc (G.E2) GSHF							
L8 East Wall (G.E3.E4)	0.400	61.62	0.063	216.26	0.138	277.88	NORTH
in space: L8A East Perim Spc (G.E3) APT2							
L8 East Wall (G.C10.E15)	0.400	19.46	0.063	68.29	0.138	87.75	NORTH
in space: L8A Core Spc (G.C10) COR							
L8 East Wall (G.NE12.E21)	0.400	59.45	0.063	208.67	0.138	268.12	NORTH
in space: L8A NE Perim Spc (G.NE12) APT1							
L8 East Wall (G.SE14.E26)	0.400	51.89	0.063	182.11	0.138	234.00	NORTH
in space: L8A SE Perim Spc (G.SE14) APT1							
L3 South Slab (G.W21.S100)	0.000	0.00	0.235	3.35	0.235	3.35	EAST
in space: L3A West Perim Spc (G.W21) APT4							
L3 South Wall (G.W21.E100)	0.400	17.69	0.063	27.71	0.194	45.40	EAST
in space: L3A West Perim Spc (G.W21) APT4							
L3 South Slab (G.SW22.S105)	0.000	0.00	0.235	17.09	0.235	17.09	EAST
in space: L3A SW Perim Spc (G.SW22) APT1							
L3 South Wall (G.SW22.E105)	0.400	90.22	0.063	141.32	0.194	231.54	EAST
in space: L3A SW Perim Spc (G.SW22) APT1							
L3 South Slab (G.SW22.S107)	0.000	0.00	0.235	5.03	0.235	5.03	EAST
in space: L3A SW Perim Spc (G.SW22) APT1							
L3 South Wall (G.SW22.E107)	0.400	26.53	0.063	41.57	0.194	68.10	EAST
in space: L3A SW Perim Spc (G.SW22) APT1							
L1 South Wall (G.E29.E47)	0.000	0.00	0.063	117.52	0.063	117.52	EAST
in space: L1B East Perim Spc (G.E29) APT1							
L2 South Slab (G.S27.S88)	0.000	0.00	0.235	8.04	0.235	8.04	EAST
in space: L2B South Perim Spc (G.S27) VEST							
L3 South Slab (G.S24.S110)	0.000	0.00	0.235	14.74	0.235	14.74	EAST
in space: L3A South Perim Spc (G.S24) APT3							
L3 South Wall (G.S24.E110)	0.400	77.83	0.063	121.93	0.194	199.76	EAST
in space: L3A South Perim Spc (G.S24) APT3							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L3 South Slab (G.S24.S111)	0.000	0.00	0.235	30.15	0.235	30.15	EAST
in space: L3A South Perim Spc (G.S24) APT3							
L3 South Wall (G.S24.E111)	0.400	159.21	0.063	249.39	0.194	408.60	EAST
in space: L3A South Perim Spc (G.S24) APT3							
L2 South Wall (G.S27.E88)	0.500	84.89	0.063	69.07	0.304	153.96	EAST
in space: L2B South Perim Spc (G.S27) VEST							
L1 South Wall (G.E10.E15)	0.400	63.68	0.063	99.04	0.195	162.72	EAST
in space: L1B East Perim Spc (G.E10) APT1							
L2 South Slab (G.S10.S36)	0.000	0.00	0.235	8.71	0.235	8.71	EAST
in space: L2B South Perim Spc (G.S10) APT6							
L2 South Wall (G.S10.E36)	0.400	45.99	0.063	120.80	0.156	166.79	EAST
in space: L2B South Perim Spc (G.S10) APT6							
L2 South Slab (G.S10.S38)	0.000	0.00	0.235	14.74	0.235	14.74	EAST
in space: L2B South Perim Spc (G.S10) APT6							
L4 South Wall (G.E5.E19)	0.400	77.83	0.063	136.67	0.185	214.50	EAST
in space: L4B East Perim Spc (G.E5) APT1							
L2 South Wall (G.S10.E38)	0.400	77.83	0.063	204.43	0.156	282.26	EAST
in space: L2B South Perim Spc (G.S10) APT6							
L1 South Wall (G.S11.E16)	0.400	304.26	0.063	225.17	0.257	529.43	EAST
in space: L1B South Perim Spc (G.S11) APT5							
L4 South Wall (G.W6.E25)	0.000	0.00	0.063	175.50	0.063	175.50	EAST
in space: L4B West Perim Spc (G.W6) APT1							
L1 South Wall (G.W7.E8)	0.000	0.00	0.063	162.72	0.063	162.72	EAST
in space: L1B West Perim Spc (G.W7) APT1							
L4 South Wall (G.E9.E30)	0.400	15.92	0.063	27.95	0.185	43.88	EAST
in space: L4B East Perim Spc (G.E9) APT1							
L4 South Wall (G.E9.E32)	0.400	51.30	0.063	90.08	0.185	141.38	EAST
in space: L4B East Perim Spc (G.E9) APT1							
L2 South Slab (G.S10.S40)	0.000	0.00	0.235	8.71	0.235	8.71	EAST
in space: L2B South Perim Spc (G.S10) APT6							
L4 South Wall (G.S10.E36)	0.400	7.08	0.063	12.42	0.185	19.50	EAST
in space: L4B South Perim Spc (G.S10) APT7							
L2 South Wall (G.S10.E40)	0.400	45.99	0.063	120.80	0.156	166.79	EAST
in space: L2B South Perim Spc (G.S10) APT6							
L4 South Wall (G.S10.E38)	0.400	12.38	0.063	21.74	0.185	34.12	EAST
in space: L4B South Perim Spc (G.S10) APT7							
L4 South Wall (G.S10.E40)	0.400	45.99	0.063	80.76	0.185	126.75	EAST
in space: L4B South Perim Spc (G.S10) APT7							
L2 South Slab (G.S10.S42)	0.000	0.00	0.235	14.74	0.235	14.74	EAST
in space: L2B South Perim Spc (G.S10) APT6							
L4 South Wall (G.S10.E42)	0.400	15.92	0.063	27.95	0.185	43.88	EAST
in space: L4B South Perim Spc (G.S10) APT7							
L4 South Wall (G.S10.E44)	0.400	45.99	0.063	80.76	0.185	126.75	EAST
in space: L4B South Perim Spc (G.S10) APT7							
L3 South Slab (G.E5.S19)	0.000	0.00	0.235	14.74	0.235	14.74	EAST
in space: L3B East Perim Spc (G.E5) APT1							
L4 South Wall (G.S10.E46)	0.400	15.92	0.063	27.95	0.185	43.88	EAST
in space: L4B South Perim Spc (G.S10) APT7							
L4 South Wall (G.S10.E48)	0.400	45.99	0.063	80.76	0.185	126.75	EAST
in space: L4B South Perim Spc (G.S10) APT7							
L3 South Wall (G.E5.E19)	0.400	77.83	0.063	121.93	0.194	199.76	EAST
in space: L3B East Perim Spc (G.E5) APT1							
L4 South Wall (G.S10.E50)	0.400	15.92	0.063	27.95	0.185	43.88	EAST
in space: L4B South Perim Spc (G.S10) APT7							
L4 South Wall (G.S10.E52)	0.400	44.22	0.063	77.65	0.185	121.88	EAST
in space: L4B South Perim Spc (G.S10) APT7							
L2 South Wall (G.S10.E42)	0.400	77.83	0.063	204.43	0.156	282.26	EAST
in space: L2B South Perim Spc (G.S10) APT6							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L4 South Wall (G.S10.E54)	0.400	15.92	0.063	27.95	0.185	43.88	EAST
in space: L4B South Perim Spc (G.S10) APT7							
L4 South Wall (G.S10.E56)	0.400	45.99	0.063	80.76	0.185	126.75	EAST
in space: L4B South Perim Spc (G.S10) APT7							
L1 South Slab (G.SW26.S35) \$X	0.000	0.00	0.235	4.02	0.235	4.02	EAST
in space: L1A SW Perim Spc (G.SW26) ELEC							
L4 South Wall (G.S10.E58)	0.400	15.92	0.063	27.95	0.185	43.88	EAST
in space: L4B South Perim Spc (G.S10) APT7							
L4 South Wall (G.S10.E60)	0.400	45.99	0.063	80.76	0.185	126.75	EAST
in space: L4B South Perim Spc (G.S10) APT7							
L1 South Wall (G.SW26.E35) \$X	0.000	0.00	0.063	54.24	0.063	54.24	EAST
in space: L1A SW Perim Spc (G.SW26) ELEC							
L4 South Wall (G.S10.E62)	0.400	15.92	0.063	27.95	0.185	43.88	EAST
in space: L4B South Perim Spc (G.S10) APT7							
L4 South Wall (G.S10.E64)	0.400	44.22	0.063	77.65	0.185	121.88	EAST
in space: L4B South Perim Spc (G.S10) APT7							
L2 South Slab (G.S10.S44)	0.000	0.00	0.235	4.02	0.235	4.02	EAST
in space: L2B South Perim Spc (G.S10) APT6							
L3 South Slab (G.W6.S25)	0.000	0.00	0.235	12.06	0.235	12.06	EAST
in space: L3B West Perim Spc (G.W6) APT1							
L3 South Wall (G.W6.E25)	0.000	0.00	0.063	163.44	0.063	163.44	EAST
in space: L3B West Perim Spc (G.W6) APT1							
L2 South Wall (G.S10.E44)	0.400	21.23	0.063	55.75	0.156	76.98	EAST
in space: L2B South Perim Spc (G.S10) APT6							
L4 South Wall (G.NW17.E70)	0.400	12.38	0.063	21.74	0.185	34.12	EAST
in space: L4A NW Perim Spc (G.NW17) APT1							
L2 South Slab (G.S10.S45)	0.000	0.00	0.235	6.70	0.235	6.70	EAST
in space: L2B South Perim Spc (G.S10) APT6							
L3 South Slab (G.E9.S30)	0.000	0.00	0.235	3.02	0.235	3.02	EAST
in space: L3B East Perim Spc (G.E9) APT1							
L3 South Wall (G.E9.E30)	0.400	15.92	0.063	24.94	0.194	40.86	EAST
in space: L3B East Perim Spc (G.E9) APT1							
L3 South Slab (G.E9.S32)	0.000	0.00	0.235	9.72	0.235	9.72	EAST
in space: L3B East Perim Spc (G.E9) APT1							
L4 South Wall (G.E19.E88)	0.400	83.14	0.063	145.98	0.185	229.12	EAST
in space: L4B East Perim Spc (G.E19) APT1							
L3 South Wall (G.E9.E32)	0.400	51.30	0.063	80.36	0.194	131.66	EAST
in space: L3B East Perim Spc (G.E9) APT1							
L2 South Wall (G.S10.E45)	0.400	35.38	0.063	92.92	0.156	128.30	EAST
in space: L2B South Perim Spc (G.S10) APT6							
L4 South Wall (G.W21.E96)	0.400	17.69	0.063	31.06	0.185	48.75	EAST
in space: L4A West Perim Spc (G.W21) APT4							
L4 South Wall (G.W21.E100)	0.400	17.69	0.063	31.06	0.185	48.75	EAST
in space: L4A West Perim Spc (G.W21) APT4							
L4 South Wall (G.SW22.E105)	0.400	90.22	0.063	158.41	0.185	248.62	EAST
in space: L4A SW Perim Spc (G.SW22) APT1							
L4 South Wall (G.SW22.E107)	0.400	26.53	0.063	46.59	0.185	73.12	EAST
in space: L4A SW Perim Spc (G.SW22) APT1							
L2 South Slab (G.SSW12.S47)	0.000	0.00	0.235	9.38	0.235	9.38	EAST
in space: L2B SSW Perim Spc (G.SSW12) LOB							
L4 South Wall (G.S24.E110)	0.400	77.83	0.063	136.67	0.185	214.50	EAST
in space: L4A South Perim Spc (G.S24) APT3							
L4 South Wall (G.S24.E111)	0.400	159.21	0.063	279.54	0.185	438.75	EAST
in space: L4A South Perim Spc (G.S24) APT3							
L3 South Slab (G.S10.S36)	0.000	0.00	0.235	1.34	0.235	1.34	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L3 South Wall (G.S10.E36)	0.400	7.08	0.063	11.08	0.194	18.16	EAST
in space: L3B South Perim Spc (G.S10) APT7							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L2 South Wall (G.SSW12.E47)	0.500	99.03	0.063	80.59	0.304	179.62	EAST
in space: L2B SSW Perim Spc (G.SSW12) LOB							
L1 South Slab (G.WNW27.S38)	0.000	0.00	0.235	10.05	0.235	10.05	EAST
in space: L1A WNW Perim Spc (G.WNW27) APT1							
L3 South Slab (G.S10.S38)	0.000	0.00	0.235	2.35	0.235	2.35	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L5 South Wall (G.E5.E19)	0.400	77.83	0.063	136.67	0.185	214.50	EAST
in space: L5B East Perim Spc (G.E5) APT1							
L3 South Wall (G.S10.E38)	0.400	12.38	0.063	19.40	0.194	31.78	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L3 South Slab (G.S10.S40)	0.000	0.00	0.235	8.71	0.235	8.71	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L5 South Wall (G.W6.E25)	0.000	0.00	0.063	175.50	0.063	175.50	EAST
in space: L5B West Perim Spc (G.W6) APT1							
L3 South Wall (G.S10.E40)	0.400	45.99	0.063	72.05	0.194	118.04	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L5 South Wall (G.E9.E30)	0.400	15.92	0.063	27.95	0.185	43.88	EAST
in space: L5B East Perim Spc (G.E9) APT1							
L5 South Wall (G.E9.E32)	0.400	51.30	0.063	90.08	0.185	141.38	EAST
in space: L5B East Perim Spc (G.E9) APT1							
L1 South Wall (G.WNW27.E38)	0.000	0.00	0.063	135.60	0.063	135.60	EAST
in space: L1A WNW Perim Spc (G.WNW27) APT1							
L5 South Wall (G.S10.E36)	0.400	7.08	0.063	12.42	0.185	19.50	EAST
in space: L5B South Perim Spc (G.S10) APT7							
L2 South Slab (G.SSW12.S50)	0.000	0.00	0.235	20.10	0.235	20.10	EAST
in space: L2B SSW Perim Spc (G.SSW12) LOB							
L5 South Wall (G.S10.E38)	0.400	12.38	0.063	21.74	0.185	34.12	EAST
in space: L5B South Perim Spc (G.S10) APT7							
L5 South Wall (G.S10.E40)	0.400	45.99	0.063	80.76	0.185	126.75	EAST
in space: L5B South Perim Spc (G.S10) APT7							
L3 South Slab (G.S10.S42)	0.000	0.00	0.235	3.02	0.235	3.02	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L5 South Wall (G.S10.E42)	0.400	15.92	0.063	27.95	0.185	43.88	EAST
in space: L5B South Perim Spc (G.S10) APT7							
L5 South Wall (G.S10.E44)	0.400	45.99	0.063	80.76	0.185	126.75	EAST
in space: L5B South Perim Spc (G.S10) APT7							
L3 South Wall (G.S10.E42)	0.400	15.92	0.063	24.94	0.194	40.86	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L5 South Wall (G.S10.E46)	0.400	15.92	0.063	27.95	0.185	43.88	EAST
in space: L5B South Perim Spc (G.S10) APT7							
L5 South Wall (G.S10.E48)	0.400	45.99	0.063	80.76	0.185	126.75	EAST
in space: L5B South Perim Spc (G.S10) APT7							
L3 South Slab (G.S10.S44)	0.000	0.00	0.235	8.71	0.235	8.71	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L5 South Wall (G.S10.E50)	0.400	15.92	0.063	27.95	0.185	43.88	EAST
in space: L5B South Perim Spc (G.S10) APT7							
L5 South Wall (G.S10.E52)	0.400	44.22	0.063	77.65	0.185	121.88	EAST
in space: L5B South Perim Spc (G.S10) APT7							
L3 South Wall (G.S10.E44)	0.400	45.99	0.063	72.05	0.194	118.04	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L5 South Wall (G.S10.E54)	0.400	15.92	0.063	27.95	0.185	43.88	EAST
in space: L5B South Perim Spc (G.S10) APT7							
L5 South Wall (G.S10.E56)	0.400	45.99	0.063	80.76	0.185	126.75	EAST
in space: L5B South Perim Spc (G.S10) APT7							
L2 South Wall (G.SSW12.E50)	0.500	212.22	0.063	172.68	0.304	384.90	EAST
in space: L2B SSW Perim Spc (G.SSW12) LOB							
L5 South Wall (G.S10.E58)	0.400	15.92	0.063	27.95	0.185	43.88	EAST
in space: L5B South Perim Spc (G.S10) APT7							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L5 South Wall (G.S10.E60)	0.400	45.99	0.063	80.76	0.185	126.75	EAST
in space: L5B South Perim Spc (G.S10) APT7							
L2 South Slab (G.SSW12.S51)	0.000	0.00	0.235	3.35	0.235	3.35	EAST
in space: L2B SSW Perim Spc (G.SSW12) LOB							
L5 South Wall (G.S10.E62)	0.400	15.92	0.063	27.95	0.185	43.88	EAST
in space: L5B South Perim Spc (G.S10) APT7							
L5 South Wall (G.S10.E64)	0.400	44.22	0.063	77.65	0.185	121.88	EAST
in space: L5B South Perim Spc (G.S10) APT7							
L3 South Slab (G.S10.S46)	0.000	0.00	0.235	3.02	0.235	3.02	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L3 South Wall (G.S10.E46)	0.400	15.92	0.063	24.94	0.194	40.86	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L3 South Slab (G.S10.S48)	0.000	0.00	0.235	8.71	0.235	8.71	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L3 South Wall (G.S10.E48)	0.400	45.99	0.063	72.05	0.194	118.04	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L5 South Wall (G.NW17.E70)	0.400	12.38	0.063	21.74	0.185	34.12	EAST
in space: L5A NW Perim Spc (G.NW17) APT1							
L2 South Wall (G.SSW12.E51)	0.500	35.37	0.063	28.78	0.304	64.15	EAST
in space: L2B SSW Perim Spc (G.SSW12) LOB							
L1 South Slab (G.N28.S40)	0.000	0.00	0.235	22.78	0.235	22.78	EAST
in space: L1A North Perim Spc (G.N28) APT3							
L3 South Slab (G.S10.S50)	0.000	0.00	0.235	3.02	0.235	3.02	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L3 South Wall (G.S10.E50)	0.400	15.92	0.063	24.94	0.194	40.86	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L5 South Wall (G.E19.E88)	0.400	83.14	0.063	145.98	0.185	229.12	EAST
in space: L5B East Perim Spc (G.E19) APT1							
L3 South Slab (G.S10.S52)	0.000	0.00	0.235	8.38	0.235	8.38	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L3 South Wall (G.S10.E52)	0.400	44.22	0.063	69.28	0.194	113.50	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L5 South Wall (G.W21.E96)	0.400	17.69	0.063	31.06	0.185	48.75	EAST
in space: L5A West Perim Spc (G.W21) APT4							
L5 South Wall (G.W21.E100)	0.400	17.69	0.063	31.06	0.185	48.75	EAST
in space: L5A West Perim Spc (G.W21) APT4							
L5 South Wall (G.SW22.E105)	0.400	90.22	0.063	158.41	0.185	248.62	EAST
in space: L5A SW Perim Spc (G.SW22) APT1							
L5 South Wall (G.SW22.E107)	0.400	26.53	0.063	46.59	0.185	73.12	EAST
in space: L5A SW Perim Spc (G.SW22) APT1							
L2 South Slab (G.E5.S18)	0.000	0.00	0.235	14.74	0.235	14.74	EAST
in space: L2B East Perim Spc (G.E5) APT1							
L5 South Wall (G.S24.E110)	0.400	77.83	0.063	136.67	0.185	214.50	EAST
in space: L5A South Perim Spc (G.S24) APT3							
L5 South Wall (G.S24.E111)	0.400	159.21	0.063	279.54	0.185	438.75	EAST
in space: L5A South Perim Spc (G.S24) APT3							
L2 South Wall (G.E5.E18)	0.400	77.83	0.063	204.43	0.156	282.26	EAST
in space: L2B East Perim Spc (G.E5) APT1							
L3 South Slab (G.S10.S54)	0.000	0.00	0.235	3.02	0.235	3.02	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L3 South Wall (G.S10.E54)	0.400	15.92	0.063	24.94	0.194	40.86	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L3 South Slab (G.S10.S56)	0.000	0.00	0.235	8.71	0.235	8.71	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L3 South Wall (G.S10.E56)	0.400	45.99	0.063	72.05	0.194	118.04	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L6 South Wall (G.E5.E19)	0.400	77.83	0.063	136.67	0.185	214.50	EAST
in space: L6B East Perim Spc (G.E5) APT1							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L1 South Wall (G.N28.E40)	0.000	0.00	0.063	307.36	0.063	307.36	EAST
in space: L1A North Perim Spc (G.N28) APT3							
L1 South Slab (G.N28.S41)	0.000	0.00	0.235	11.73	0.235	11.73	EAST
in space: L1A North Perim Spc (G.N28) APT3							
L6 South Wall (G.W6.E25)	0.000	0.00	0.063	175.50	0.063	175.50	EAST
in space: L6B West Perim Spc (G.W6) APT1							
L3 South Slab (G.S10.S58)	0.000	0.00	0.235	3.02	0.235	3.02	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L6 South Wall (G.E9.E30)	0.400	15.92	0.063	27.95	0.185	43.88	EAST
in space: L6B East Perim Spc (G.E9) APT1							
L6 South Wall (G.E9.E32)	0.400	51.30	0.063	90.08	0.185	141.38	EAST
in space: L6B East Perim Spc (G.E9) APT1							
L3 South Wall (G.S10.E58)	0.400	15.92	0.063	24.94	0.194	40.86	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L6 South Wall (G.S10.E36)	0.400	7.08	0.063	12.42	0.185	19.50	EAST
in space: L6B South Perim Spc (G.S10) APT7							
L3 South Slab (G.S10.S60)	0.000	0.00	0.235	8.71	0.235	8.71	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L6 South Wall (G.S10.E38)	0.400	12.38	0.063	21.74	0.185	34.12	EAST
in space: L6B South Perim Spc (G.S10) APT7							
L6 South Wall (G.S10.E40)	0.400	45.99	0.063	80.76	0.185	126.75	EAST
in space: L6B South Perim Spc (G.S10) APT7							
L3 South Wall (G.S10.E60)	0.400	45.99	0.063	72.05	0.194	118.04	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L6 South Wall (G.S10.E42)	0.400	15.92	0.063	27.95	0.185	43.88	EAST
in space: L6B South Perim Spc (G.S10) APT7							
L6 South Wall (G.S10.E44)	0.400	45.99	0.063	80.76	0.185	126.75	EAST
in space: L6B South Perim Spc (G.S10) APT7							
L1 South Wall (G.N28.E41)	0.000	0.00	0.063	158.20	0.063	158.20	EAST
in space: L1A North Perim Spc (G.N28) APT3							
L6 South Wall (G.S10.E46)	0.400	15.92	0.063	27.95	0.185	43.88	EAST
in space: L6B South Perim Spc (G.S10) APT7							
L6 South Wall (G.S10.E48)	0.400	45.99	0.063	80.76	0.185	126.75	EAST
in space: L6B South Perim Spc (G.S10) APT7							
L2 South Slab (G.WNW18.S56)	0.000	0.00	0.235	21.44	0.235	21.44	EAST
in space: L2A WNW Perim Spc (G.WNW18) APT1							
L6 South Wall (G.S10.E50)	0.400	15.92	0.063	27.95	0.185	43.88	EAST
in space: L6B South Perim Spc (G.S10) APT7							
L6 South Wall (G.S10.E52)	0.400	44.22	0.063	77.65	0.185	121.88	EAST
in space: L6B South Perim Spc (G.S10) APT7							
L3 South Slab (G.S10.S62)	0.000	0.00	0.235	3.02	0.235	3.02	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L6 South Wall (G.S10.E54)	0.400	15.92	0.063	27.95	0.185	43.88	EAST
in space: L6B South Perim Spc (G.S10) APT7							
L6 South Wall (G.S10.E56)	0.400	45.99	0.063	80.76	0.185	126.75	EAST
in space: L6B South Perim Spc (G.S10) APT7							
L3 South Wall (G.S10.E62)	0.400	15.92	0.063	24.94	0.194	40.86	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L6 South Wall (G.S10.E58)	0.400	15.92	0.063	27.95	0.185	43.88	EAST
in space: L6B South Perim Spc (G.S10) APT7							
L6 South Wall (G.S10.E60)	0.400	45.99	0.063	80.76	0.185	126.75	EAST
in space: L6B South Perim Spc (G.S10) APT7							
L3 South Slab (G.S10.S64)	0.000	0.00	0.235	8.38	0.235	8.38	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L6 South Wall (G.S10.E62)	0.400	15.92	0.063	27.95	0.185	43.88	EAST
in space: L6B South Perim Spc (G.S10) APT7							
L6 South Wall (G.S10.E64)	0.400	44.22	0.063	77.65	0.185	121.88	EAST
in space: L6B South Perim Spc (G.S10) APT7							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L3 South Wall (G.S10.E64)	0.400	44.22	0.063	69.28	0.194	113.50	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L2 South Wall (G.WNW18.E56)	0.000	0.00	0.063	410.56	0.063	410.56	EAST
in space: L2A WNW Perim Spc (G.WNW18) APT1							
L1 South Slab (G.E6.S5)	0.000	0.00	0.235	10.72	0.235	10.72	EAST
in space: L1B East Perim Spc (G.E6) APT1							
L2 South Slab (G.W6.S24)	0.000	0.00	0.235	12.06	0.235	12.06	EAST
in space: L2B West Perim Spc (G.W6) APT1							
L6 South Wall (G.E19.E73)	0.400	83.14	0.063	145.98	0.185	229.12	EAST
in space: L6B East Perim Spc (G.E19) APT1							
L2 South Wall (G.W6.E24)	0.000	0.00	0.063	230.94	0.063	230.94	EAST
in space: L2B West Perim Spc (G.W6) APT1							
L6 South Wall (G.W21.E78)	0.400	17.69	0.063	31.06	0.185	48.75	EAST
in space: L6A West Perim Spc (G.W21) APT4							
L6 South Wall (G.W21.E82)	0.400	17.69	0.063	31.06	0.185	48.75	EAST
in space: L6A West Perim Spc (G.W21) APT4							
L6 South Wall (G.SW22.E87)	0.400	90.22	0.063	158.41	0.185	248.62	EAST
in space: L6A SW Perim Spc (G.SW22) APT1							
L6 South Wall (G.SW22.E89)	0.400	26.53	0.063	46.59	0.185	73.12	EAST
in space: L6A SW Perim Spc (G.SW22) APT1							
L1 South Wall (G.E6.E5)	0.400	56.61	0.063	88.03	0.195	144.64	EAST
in space: L1B East Perim Spc (G.E6) APT1							
L6 South Wall (G.S24.E92)	0.400	77.83	0.063	136.67	0.185	214.50	EAST
in space: L6A South Perim Spc (G.S24) APT3							
L6 South Wall (G.S24.E93)	0.400	159.21	0.063	279.54	0.185	438.75	EAST
in space: L6A South Perim Spc (G.S24) APT3							
L7 South Wall (G.N3.E1)	0.400	77.83	0.063	151.19	0.178	229.02	EAST
in space: L7B North Perim Spc (G.N3) COR							
L1 South Slab (G.E29.S44)	0.000	0.00	0.235	2.68	0.235	2.68	EAST
in space: L1B East Perim Spc (G.E29) APT1							
L7 South Wall (G.E5.E5)	0.400	77.83	0.063	151.19	0.178	229.02	EAST
in space: L7B East Perim Spc (G.E5) APT1							
L1 South Wall (G.E29.E44)	0.000	0.00	0.063	36.16	0.063	36.16	EAST
in space: L1B East Perim Spc (G.E29) APT1							
L7 South Wall (G.W6.E8)	0.000	0.00	0.063	187.38	0.063	187.38	EAST
in space: L7B West Perim Spc (G.W6) APT1							
L1 South Slab (G.W7.S8)	0.000	0.00	0.235	12.06	0.235	12.06	EAST
in space: L1B West Perim Spc (G.W7) APT1							
L7 South Wall (G.E9.E13)	0.400	15.92	0.063	30.92	0.178	46.85	EAST
in space: L7B East Perim Spc (G.E9) APT1							
L7 South Wall (G.E9.E15)	0.400	51.30	0.063	99.65	0.178	150.94	EAST
in space: L7B East Perim Spc (G.E9) APT1							
L3 South Slab (G.NW17.S70)	0.000	0.00	0.235	2.35	0.235	2.35	EAST
in space: L3A NW Perim Spc (G.NW17) APT1							
L7 South Wall (G.SSW10.E18)	0.400	7.08	0.063	13.74	0.178	20.82	EAST
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L3 South Wall (G.NW17.E70)	0.400	12.38	0.063	19.40	0.194	31.78	EAST
in space: L3A NW Perim Spc (G.NW17) APT1							
L7 South Wall (G.SSW10.E20)	0.400	12.38	0.063	24.05	0.178	36.43	EAST
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 South Wall (G.SSW10.E22)	0.400	45.99	0.063	89.34	0.178	135.33	EAST
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L1 South Slab (G.E10.S15)	0.000	0.00	0.235	12.06	0.235	12.06	EAST
in space: L1B East Perim Spc (G.E10) APT1							
L7 South Wall (G.SSW10.E24)	0.400	15.92	0.063	30.92	0.178	46.85	EAST
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 South Wall (G.SSW10.E26)	0.400	45.99	0.063	89.34	0.178	135.33	EAST
in space: L7B SSW Perim Spc (G.SSW10) APT7							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L2 South Slab (G.SW20.S73)	0.000	0.00	0.235	26.13	0.235	26.13	EAST
in space: L2A SW Perim Spc (G.SW20) RST							
L7 South Wall (G.SSW10.E28)	0.400	15.92	0.063	30.92	0.178	46.85	EAST
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 South Wall (G.SSW10.E30)	0.400	45.99	0.063	89.34	0.178	135.33	EAST
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L2 South Wall (G.SW20.E73)	0.500	275.88	0.063	224.49	0.304	500.37	EAST
in space: L2A SW Perim Spc (G.SW20) RST							
L7 South Wall (G.SSW10.E32)	0.400	15.92	0.063	30.92	0.178	46.85	EAST
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 South Wall (G.SSW10.E34)	0.400	44.22	0.063	85.90	0.178	130.12	EAST
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L1 South Slab (G.E29.S47)	0.000	0.00	0.235	8.71	0.235	8.71	EAST
in space: L1B East Perim Spc (G.E29) APT1							
L7 South Wall (G.SSW10.E36)	0.400	15.92	0.063	30.92	0.178	46.85	EAST
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 South Wall (G.SSW10.E38)	0.400	45.99	0.063	89.34	0.178	135.33	EAST
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L2 South Slab (G.E9.S32)	0.000	0.00	0.235	12.06	0.235	12.06	EAST
in space: L2B East Perim Spc (G.E9) APT1							
L7 South Wall (G.SSW10.E40)	0.400	15.92	0.063	30.92	0.178	46.85	EAST
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 South Wall (G.SSW10.E42)	0.400	45.99	0.063	89.34	0.178	135.33	EAST
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L2 South Slab (G.SW20.S75)	0.000	0.00	0.235	5.36	0.235	5.36	EAST
in space: L2A SW Perim Spc (G.SW20) RST							
L7 South Wall (G.SSW10.E44)	0.400	15.92	0.063	30.92	0.178	46.85	EAST
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 South Wall (G.SSW10.E46)	0.400	44.22	0.063	85.90	0.178	130.12	EAST
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L2 South Wall (G.SW20.E75)	0.500	56.59	0.063	46.05	0.304	102.64	EAST
in space: L2A SW Perim Spc (G.SW20) RST							
L2 South Slab (G.E23.S77)	0.000	0.00	0.235	15.75	0.235	15.75	EAST
in space: L2B East Perim Spc (G.E23) APT1							
L3 South Slab (G.E19.S88)	0.000	0.00	0.235	15.75	0.235	15.75	EAST
in space: L3B East Perim Spc (G.E19) APT1							
L7 South Wall (G.SW19.E52)	0.400	90.22	0.063	175.24	0.178	265.45	EAST
in space: L7A SW Perim Spc (G.SW19) APT1							
L3 South Wall (G.E19.E88)	0.400	83.14	0.063	130.24	0.194	213.38	EAST
in space: L3B East Perim Spc (G.E19) APT1							
L2 South Wall (G.E23.E77)	0.400	83.14	0.063	218.36	0.156	301.51	EAST
in space: L2B East Perim Spc (G.E23) APT1							
L7 South Wall (G.SSE23.E60)	0.400	159.21	0.063	309.24	0.178	468.45	EAST
in space: L7A SSE Perim Spc (G.SSE23) APT2							
L2 South Wall (G.E9.E32)	0.400	63.68	0.063	167.26	0.156	230.94	EAST
in space: L2B East Perim Spc (G.E9) APT1							
L2 South Slab (G.S10.S34)	0.000	0.00	0.235	14.07	0.235	14.07	EAST
in space: L2B South Perim Spc (G.S10) APT6							
L8 South Wall (G.SW9.E12)	0.400	79.60	0.063	139.77	0.185	219.38	EAST
in space: L8A SW Perim Spc (G.SW9) APT1							
L2 South Wall (G.S10.E34)	0.400	74.30	0.063	195.13	0.156	269.43	EAST
in space: L2B South Perim Spc (G.S10) APT6							
L3 South Slab (G.W21.S96)	0.000	0.00	0.235	3.35	0.235	3.35	EAST
in space: L3A West Perim Spc (G.W21) APT4							
L8 South Wall (G.S13.E23)	0.400	79.60	0.063	139.77	0.185	219.38	EAST
in space: L8A South Perim Spc (G.S13) APT1							
L8 South Wall (G.SE14.E25)	0.400	79.60	0.063	139.77	0.185	219.38	EAST
in space: L8A SE Perim Spc (G.SE14) APT1							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L3 South Wall (G.W21.E96)	0.400	17.69	0.063	27.71	0.194	45.40	EAST
in space: L3A West Perim Spc (G.W21) APT4							
L5 West Wall (G.N4.E18)	0.400	16.41	0.063	32.34	0.176	48.75	SOUTH
in space: L5B North Perim Spc (G.N4) APT4							
L3 West Wall (G.NW17.E75)	0.400	100.12	0.063	176.82	0.185	276.94	SOUTH
in space: L3A NW Perim Spc (G.NW17) APT1							
L2 West Slab (G.N19.S68)	0.000	0.00	0.235	3.35	0.235	3.35	SOUTH
in space: L2A North Perim Spc (G.N19) APT2							
L2 West Wall (G.N19.E68)	0.400	16.41	0.063	47.74	0.149	64.15	SOUTH
in space: L2A North Perim Spc (G.N19) APT2							
L5 West Wall (G.E5.E24)	0.400	16.41	0.063	32.34	0.176	48.75	SOUTH
in space: L5B East Perim Spc (G.E5) APT1							
L3 West Slab (G.N18.S79)	0.000	0.00	0.235	3.35	0.235	3.35	SOUTH
in space: L3A North Perim Spc (G.N18) APT3							
L5 West Wall (G.W6.E27)	0.400	111.61	0.063	219.89	0.176	331.50	SOUTH
in space: L5B West Perim Spc (G.W6) APT1							
L5 West Wall (G.W7.E28)	0.400	49.24	0.063	97.01	0.176	146.25	SOUTH
in space: L5B West Perim Spc (G.W7) APT1							
L3 West Wall (G.N18.E79)	0.400	16.41	0.063	28.99	0.185	45.40	SOUTH
in space: L3A North Perim Spc (G.N18) APT3							
L1 West Slab (G.W8.S11)	0.000	0.00	0.235	10.05	0.235	10.05	SOUTH
in space: L1B West Perim Spc (G.W8) APT1							
L5 West Wall (G.E9.E31)	0.400	6.57	0.063	12.93	0.176	19.50	SOUTH
in space: L5B East Perim Spc (G.E9) APT1							
L1 West Wall (G.W8.E11)	0.400	49.24	0.063	86.36	0.185	135.60	SOUTH
in space: L1B West Perim Spc (G.W8) APT1							
L3 West Slab (G.N18.S83)	0.000	0.00	0.235	3.35	0.235	3.35	SOUTH
in space: L3A North Perim Spc (G.N18) APT3							
L5 West Wall (G.S10.E35)	0.400	26.26	0.063	51.74	0.176	78.00	SOUTH
in space: L5B South Perim Spc (G.S10) APT7							
L3 West Wall (G.N18.E83)	0.400	16.41	0.063	28.99	0.185	45.40	SOUTH
in space: L3A North Perim Spc (G.N18) APT3							
L3 West Slab (G.E9.S31)	0.000	0.00	0.235	1.34	0.235	1.34	SOUTH
in space: L3B East Perim Spc (G.E9) APT1							
L3 West Wall (G.E9.E31)	0.400	6.57	0.063	11.59	0.185	18.16	SOUTH
in space: L3B East Perim Spc (G.E9) APT1							
L5 West Wall (G.S10.E39)	0.400	6.57	0.063	12.93	0.176	19.50	SOUTH
in space: L5B South Perim Spc (G.S10) APT7							
L3 West Slab (G.N18.S87)	0.000	0.00	0.235	3.35	0.235	3.35	SOUTH
in space: L3A North Perim Spc (G.N18) APT3							
L3 West Wall (G.N18.E87)	0.400	16.41	0.063	28.99	0.185	45.40	SOUTH
in space: L3A North Perim Spc (G.N18) APT3							
L2 West Slab (G.N19.S72)	0.000	0.00	0.235	3.35	0.235	3.35	SOUTH
in space: L2A North Perim Spc (G.N19) APT2							
L5 West Wall (G.S10.E43)	0.400	6.57	0.063	12.93	0.176	19.50	SOUTH
in space: L5B South Perim Spc (G.S10) APT7							
L2 West Wall (G.N19.E72)	0.400	16.41	0.063	47.74	0.149	64.15	SOUTH
in space: L2A North Perim Spc (G.N19) APT2							
L2 West Slab (G.N4.S13)	0.000	0.00	0.235	3.35	0.235	3.35	SOUTH
in space: L2B North Perim Spc (G.N4) APT4							
L2 West Wall (G.N4.E13)	0.400	16.41	0.063	47.74	0.149	64.15	SOUTH
in space: L2B North Perim Spc (G.N4) APT4							
L5 West Wall (G.S10.E47)	0.400	6.57	0.063	12.93	0.176	19.50	SOUTH
in space: L5B South Perim Spc (G.S10) APT7							
L3 West Slab (G.S10.S35)	0.000	0.00	0.235	5.36	0.235	5.36	SOUTH
in space: L3B South Perim Spc (G.S10) APT7							
L3 West Wall (G.S10.E35)	0.400	26.26	0.063	46.38	0.185	72.64	SOUTH
in space: L3B South Perim Spc (G.S10) APT7							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L3 West Slab (G.E19.S93)	0.000	0.00	0.235	3.35	0.235	3.35	SOUTH
in space: L3B East Perim Spc (G.E19) APT1							
L5 West Wall (G.S10.E51)	0.400	6.57	0.063	12.93	0.176	19.50	SOUTH
in space: L5B South Perim Spc (G.S10) APT7							
L3 West Wall (G.E19.E93)	0.400	16.41	0.063	28.99	0.185	45.40	SOUTH
in space: L3B East Perim Spc (G.E19) APT1							
L3 West Slab (G.W21.S95)	0.000	0.00	0.235	7.04	0.235	7.04	SOUTH
in space: L3A West Perim Spc (G.W21) APT4							
L3 West Wall (G.W21.E95)	0.400	34.47	0.063	60.87	0.185	95.34	SOUTH
in space: L3A West Perim Spc (G.W21) APT4							
L5 West Wall (G.S10.E55)	0.400	6.57	0.063	12.93	0.176	19.50	SOUTH
in space: L5B South Perim Spc (G.S10) APT7							
L1 West Slab (G.SW26.S36) \$X	0.000	0.00	0.235	4.69	0.235	4.69	SOUTH
in space: L1A SW Perim Spc (G.SW26) ELEC							
L1 West Wall (G.SW26.E36) \$X	0.000	0.00	0.063	63.28	0.063	63.28	SOUTH
in space: L1A SW Perim Spc (G.SW26) ELEC							
L3 West Slab (G.W21.S97)	0.000	0.00	0.235	6.70	0.235	6.70	SOUTH
in space: L3A West Perim Spc (G.W21) APT4							
L5 West Wall (G.S10.E59)	0.400	6.57	0.063	12.93	0.176	19.50	SOUTH
in space: L5B South Perim Spc (G.S10) APT7							
L3 West Wall (G.W21.E97)	0.400	32.83	0.063	57.97	0.185	90.80	SOUTH
in space: L3A West Perim Spc (G.W21) APT4							
L3 West Slab (G.W21.S99)	0.000	0.00	0.235	19.77	0.235	19.77	SOUTH
in space: L3A West Perim Spc (G.W21) APT4							
L3 West Wall (G.W21.E99)	0.400	96.83	0.063	171.03	0.185	267.86	SOUTH
in space: L3A West Perim Spc (G.W21) APT4							
L5 West Wall (G.S10.E63)	0.400	6.57	0.063	12.93	0.176	19.50	SOUTH
in space: L5B South Perim Spc (G.S10) APT7							
L2 West Slab (G.SSW12.S46)	0.000	0.00	0.235	4.69	0.235	4.69	SOUTH
in space: L2B SSW Perim Spc (G.SSW12) LOB							
L2 West Wall (G.SSW12.E46)	0.500	49.52	0.063	40.29	0.304	89.81	SOUTH
in space: L2B SSW Perim Spc (G.SSW12) LOB							
L3 West Slab (G.W21.S101)	0.000	0.00	0.235	6.37	0.235	6.37	SOUTH
in space: L3A West Perim Spc (G.W21) APT4							
L3 West Wall (G.W21.E101)	0.400	31.18	0.063	55.08	0.185	86.26	SOUTH
in space: L3A West Perim Spc (G.W21) APT4							
L3 West Slab (G.W21.S103)	0.000	0.00	0.235	6.70	0.235	6.70	SOUTH
in space: L3A West Perim Spc (G.W21) APT4							
L3 West Wall (G.W21.E103)	0.400	32.83	0.063	57.97	0.185	90.80	SOUTH
in space: L3A West Perim Spc (G.W21) APT4							
L5 West Wall (G.NW17.E71)	0.400	22.98	0.063	45.27	0.176	68.25	SOUTH
in space: L5A NW Perim Spc (G.NW17) APT1							
L3 West Slab (G.W21.S104)	0.000	0.00	0.235	4.02	0.235	4.02	SOUTH
in space: L3A West Perim Spc (G.W21) APT4							
L5 West Wall (G.NW17.E75)	0.400	100.12	0.063	197.26	0.176	297.38	SOUTH
in space: L5A NW Perim Spc (G.NW17) APT1							
L3 West Wall (G.W21.E104)	0.400	19.70	0.063	34.78	0.185	54.48	SOUTH
in space: L3A West Perim Spc (G.W21) APT4							
L5 West Wall (G.N18.E79)	0.400	16.41	0.063	32.34	0.176	48.75	SOUTH
in space: L5A North Perim Spc (G.N18) APT3							
L2 West Slab (G.SW20.S76)	0.000	0.00	0.235	55.28	0.235	55.28	SOUTH
in space: L2A SW Perim Spc (G.SW20) RST							
L5 West Wall (G.N18.E83)	0.400	16.41	0.063	32.34	0.176	48.75	SOUTH
in space: L5A North Perim Spc (G.N18) APT3							
L2 West Wall (G.SW20.E76)	0.500	583.60	0.063	474.88	0.304	1058.47	SOUTH
in space: L2A SW Perim Spc (G.SW20) RST							
L5 West Wall (G.N18.E87)	0.400	16.41	0.063	32.34	0.176	48.75	SOUTH
in space: L5A North Perim Spc (G.N18) APT3							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L3 West Slab (G.SW22.S106)	0.000	0.00	0.235	4.69	0.235	4.69	SOUTH
in space: L3A SW Perim Spc (G.SW22) APT1							
L3 West Wall (G.SW22.E106)	0.400	22.98	0.063	40.58	0.185	63.56	SOUTH
in space: L3A SW Perim Spc (G.SW22) APT1							
L3 West Slab (G.S10.S39)	0.000	0.00	0.235	1.34	0.235	1.34	SOUTH
in space: L3B South Perim Spc (G.S10) APT7							
L5 West Wall (G.E19.E93)	0.400	16.41	0.063	32.34	0.176	48.75	SOUTH
in space: L5B East Perim Spc (G.E19) APT1							
L5 West Wall (G.W21.E95)	0.400	34.47	0.063	67.91	0.176	102.38	SOUTH
in space: L5A West Perim Spc (G.W21) APT4							
L3 West Wall (G.S10.E39)	0.400	6.57	0.063	11.59	0.185	18.16	SOUTH
in space: L3B South Perim Spc (G.S10) APT7							
L5 West Wall (G.W21.E97)	0.400	32.83	0.063	64.67	0.176	97.50	SOUTH
in space: L5A West Perim Spc (G.W21) APT4							
L5 West Wall (G.W21.E99)	0.400	96.83	0.063	190.79	0.176	287.62	SOUTH
in space: L5A West Perim Spc (G.W21) APT4							
L3 West Slab (G.SW22.S108)	0.000	0.00	0.235	18.09	0.235	18.09	SOUTH
in space: L3A SW Perim Spc (G.SW22) APT1							
L5 West Wall (G.W21.E101)	0.400	31.18	0.063	61.44	0.176	92.62	SOUTH
in space: L5A West Perim Spc (G.W21) APT4							
L5 West Wall (G.W21.E103)	0.400	32.83	0.063	64.67	0.176	97.50	SOUTH
in space: L5A West Perim Spc (G.W21) APT4							
L5 West Wall (G.W21.E104)	0.400	19.70	0.063	38.80	0.176	58.50	SOUTH
in space: L5A West Perim Spc (G.W21) APT4							
L3 West Wall (G.SW22.E108)	0.400	88.63	0.063	156.53	0.185	245.16	SOUTH
in space: L3A SW Perim Spc (G.SW22) APT1							
L5 West Wall (G.SW22.E106)	0.400	22.98	0.063	45.27	0.176	68.25	SOUTH
in space: L5A SW Perim Spc (G.SW22) APT1							
L2 West Slab (G.N4.S17)	0.000	0.00	0.235	3.35	0.235	3.35	SOUTH
in space: L2B North Perim Spc (G.N4) APT4							
L5 West Wall (G.SW22.E108)	0.400	88.63	0.063	174.62	0.176	263.25	SOUTH
in space: L5A SW Perim Spc (G.SW22) APT1							
L2 West Wall (G.N4.E17)	0.400	16.41	0.063	47.74	0.149	64.15	SOUTH
in space: L2B North Perim Spc (G.N4) APT4							
L2 West Slab (G.S10.S33)	0.000	0.00	0.235	2.68	0.235	2.68	SOUTH
in space: L2B South Perim Spc (G.S10) APT6							
L2 West Wall (G.S10.E33)	0.400	13.13	0.063	38.19	0.149	51.32	SOUTH
in space: L2B South Perim Spc (G.S10) APT6							
L1 West Slab (G.WNW27.S37)	0.000	0.00	0.235	12.40	0.235	12.40	SOUTH
in space: L1A WNW Perim Spc (G.WNW27) APT1							
L1 West Wall (G.WNW27.E37)	0.400	60.73	0.063	106.51	0.185	167.24	SOUTH
in space: L1A WNW Perim Spc (G.WNW27) APT1							
L6 West Wall (G.N4.E6)	0.400	16.41	0.063	32.34	0.176	48.75	SOUTH
in space: L6B North Perim Spc (G.N4) APT4							
L3 West Slab (G.S10.S43)	0.000	0.00	0.235	1.34	0.235	1.34	SOUTH
in space: L3B South Perim Spc (G.S10) APT7							
L6 West Wall (G.N4.E10)	0.400	16.41	0.063	32.34	0.176	48.75	SOUTH
in space: L6B North Perim Spc (G.N4) APT4							
L3 West Wall (G.S10.E43)	0.400	6.57	0.063	11.59	0.185	18.16	SOUTH
in space: L3B South Perim Spc (G.S10) APT7							
L6 West Wall (G.N4.E14)	0.400	16.41	0.063	32.34	0.176	48.75	SOUTH
in space: L6B North Perim Spc (G.N4) APT4							
L4 West Wall (G.N4.E6)	0.400	16.41	0.063	32.34	0.176	48.75	SOUTH
in space: L4B North Perim Spc (G.N4) APT4							
L6 West Wall (G.N4.E18)	0.400	16.41	0.063	32.34	0.176	48.75	SOUTH
in space: L6B North Perim Spc (G.N4) APT4							
L2 West Slab (G.E23.S82)	0.000	0.00	0.235	3.35	0.235	3.35	SOUTH
in space: L2B East Perim Spc (G.E23) APT1							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L4 West Wall (G.N4.E10)	0.400	16.41	0.063	32.34	0.176	48.75	SOUTH
in space: L4B North Perim Spc (G.N4) APT4							
L2 West Wall (G.E23.E82)	0.400	16.41	0.063	47.74	0.149	64.15	SOUTH
in space: L2B East Perim Spc (G.E23) APT1							
L6 West Wall (G.E5.E24)	0.400	16.41	0.063	32.34	0.176	48.75	SOUTH
in space: L6B East Perim Spc (G.E5) APT1							
L4 West Wall (G.N4.E14)	0.400	16.41	0.063	32.34	0.176	48.75	SOUTH
in space: L4B North Perim Spc (G.N4) APT4							
L6 West Wall (G.W6.E27)	0.400	111.61	0.063	219.89	0.176	331.50	SOUTH
in space: L6B West Perim Spc (G.W6) APT1							
L6 West Wall (G.W7.E28)	0.400	49.24	0.063	97.01	0.176	146.25	SOUTH
in space: L6B West Perim Spc (G.W7) APT1							
L2 West Slab (G.NNW24.S84)	0.000	0.00	0.235	3.02	0.235	3.02	SOUTH
in space: L2A NNW Perim Spc (G.NNW24) STR							
L4 West Wall (G.N4.E18)	0.400	16.41	0.063	32.34	0.176	48.75	SOUTH
in space: L4B North Perim Spc (G.N4) APT4							
L6 West Wall (G.E9.E31)	0.400	6.57	0.063	12.93	0.176	19.50	SOUTH
in space: L6B East Perim Spc (G.E9) APT1							
L2 West Wall (G.NNW24.E84)	0.000	0.00	0.063	57.74	0.063	57.74	SOUTH
in space: L2A NNW Perim Spc (G.NNW24) STR							
L2 West Slab (G.NNW24.S85)	0.000	0.00	0.235	7.04	0.235	7.04	SOUTH
in space: L2A NNW Perim Spc (G.NNW24) STR							
L6 West Wall (G.S10.E35)	0.400	26.26	0.063	51.74	0.176	78.00	SOUTH
in space: L6B South Perim Spc (G.S10) APT7							
L2 West Wall (G.NNW24.E85)	0.000	0.00	0.063	134.71	0.063	134.71	SOUTH
in space: L2A NNW Perim Spc (G.NNW24) STR							
L4 West Wall (G.E5.E24)	0.400	16.41	0.063	32.34	0.176	48.75	SOUTH
in space: L4B East Perim Spc (G.E5) APT1							
L3 West Slab (G.S10.S47)	0.000	0.00	0.235	1.34	0.235	1.34	SOUTH
in space: L3B South Perim Spc (G.S10) APT7							
L6 West Wall (G.S10.E39)	0.400	6.57	0.063	12.93	0.176	19.50	SOUTH
in space: L6B South Perim Spc (G.S10) APT7							
L4 West Wall (G.W6.E27)	0.400	111.61	0.063	219.89	0.176	331.50	SOUTH
in space: L4B West Perim Spc (G.W6) APT1							
L4 West Wall (G.W7.E28)	0.400	49.24	0.063	97.01	0.176	146.25	SOUTH
in space: L4B West Perim Spc (G.W7) APT1							
L3 West Wall (G.S10.E47)	0.400	6.57	0.063	11.59	0.185	18.16	SOUTH
in space: L3B South Perim Spc (G.S10) APT7							
L6 West Wall (G.S10.E43)	0.400	6.57	0.063	12.93	0.176	19.50	SOUTH
in space: L6B South Perim Spc (G.S10) APT7							
L2 West Slab (G.W25.S86)	0.000	0.00	0.235	8.71	0.235	8.71	SOUTH
in space: L2A West Perim Spc (G.W25) STO							
L4 West Wall (G.E9.E31)	0.400	6.57	0.063	12.93	0.176	19.50	SOUTH
in space: L4B East Perim Spc (G.E9) APT1							
L2 West Wall (G.W25.E86)	0.000	0.00	0.063	166.79	0.063	166.79	SOUTH
in space: L2A West Perim Spc (G.W25) STO							
L6 West Wall (G.S10.E47)	0.400	6.57	0.063	12.93	0.176	19.50	SOUTH
in space: L6B South Perim Spc (G.S10) APT7							
L2 West Slab (G.C26.S87)	0.000	0.00	0.235	4.02	0.235	4.02	SOUTH
in space: L2A Core Spc (G.C26) COR							
L4 West Wall (G.S10.E35)	0.400	26.26	0.063	51.74	0.176	78.00	SOUTH
in space: L4B South Perim Spc (G.S10) APT7							
L2 West Wall (G.C26.E87)	0.000	0.00	0.063	76.98	0.063	76.98	SOUTH
in space: L2A Core Spc (G.C26) COR							
L6 West Wall (G.S10.E51)	0.400	6.57	0.063	12.93	0.176	19.50	SOUTH
in space: L6B South Perim Spc (G.S10) APT7							
L2 West Slab (G.N4.S5)	0.000	0.00	0.235	3.35	0.235	3.35	SOUTH
in space: L2B North Perim Spc (G.N4) APT4							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L2 West Wall (G.N4.E5)	0.400	16.41	0.063	47.74	0.149	64.15	SOUTH
in space: L2B North Perim Spc (G.N4) APT4							
L4 West Wall (G.S10.E39)	0.400	6.57	0.063	12.93	0.176	19.50	SOUTH
in space: L4B South Perim Spc (G.S10) APT7							
L6 West Wall (G.S10.E55)	0.400	6.57	0.063	12.93	0.176	19.50	SOUTH
in space: L6B South Perim Spc (G.S10) APT7							
L3 West Slab (G.S10.S51)	0.000	0.00	0.235	1.34	0.235	1.34	SOUTH
in space: L3B South Perim Spc (G.S10) APT7							
L3 West Wall (G.S10.E51)	0.400	6.57	0.063	11.59	0.185	18.16	SOUTH
in space: L3B South Perim Spc (G.S10) APT7							
L1 West Slab (G.W7.S10)	0.000	0.00	0.235	22.78	0.235	22.78	SOUTH
in space: L1B West Perim Spc (G.W7) APT1							
L6 West Wall (G.S10.E59)	0.400	6.57	0.063	12.93	0.176	19.50	SOUTH
in space: L6B South Perim Spc (G.S10) APT7							
L4 West Wall (G.S10.E43)	0.400	6.57	0.063	12.93	0.176	19.50	SOUTH
in space: L4B South Perim Spc (G.S10) APT7							
L1 West Wall (G.W7.E10)	0.400	111.61	0.063	195.75	0.185	307.36	SOUTH
in space: L1B West Perim Spc (G.W7) APT1							
L2 West Slab (G.S10.S37)	0.000	0.00	0.235	2.68	0.235	2.68	SOUTH
in space: L2B South Perim Spc (G.S10) APT6							
L6 West Wall (G.S10.E63)	0.400	6.57	0.063	12.93	0.176	19.50	SOUTH
in space: L6B South Perim Spc (G.S10) APT7							
L2 West Wall (G.S10.E37)	0.400	13.13	0.063	38.19	0.149	51.32	SOUTH
in space: L2B South Perim Spc (G.S10) APT6							
L4 West Wall (G.S10.E47)	0.400	6.57	0.063	12.93	0.176	19.50	SOUTH
in space: L4B South Perim Spc (G.S10) APT7							
L3 West Slab (G.N4.S6)	0.000	0.00	0.235	3.35	0.235	3.35	SOUTH
in space: L3B North Perim Spc (G.N4) APT4							
L3 West Wall (G.N4.E6)	0.400	16.41	0.063	28.99	0.185	45.40	SOUTH
in space: L3B North Perim Spc (G.N4) APT4							
L3 West Slab (G.S10.S55)	0.000	0.00	0.235	1.34	0.235	1.34	SOUTH
in space: L3B South Perim Spc (G.S10) APT7							
L6 West Wall (G.NW17.E70)	0.400	106.68	0.063	210.19	0.176	316.88	SOUTH
in space: L6A NW Perim Spc (G.NW17) APT1							
L4 West Wall (G.S10.E51)	0.400	6.57	0.063	12.93	0.176	19.50	SOUTH
in space: L4B South Perim Spc (G.S10) APT7							
L3 West Wall (G.S10.E55)	0.400	6.57	0.063	11.59	0.185	18.16	SOUTH
in space: L3B South Perim Spc (G.S10) APT7							
L6 West Wall (G.W21.E77)	0.400	34.47	0.063	67.91	0.176	102.38	SOUTH
in space: L6A West Perim Spc (G.W21) APT4							
L2 West Slab (G.E5.S23)	0.000	0.00	0.235	3.35	0.235	3.35	SOUTH
in space: L2B East Perim Spc (G.E5) APT1							
L6 West Wall (G.W21.E79)	0.400	32.83	0.063	64.67	0.176	97.50	SOUTH
in space: L6A West Perim Spc (G.W21) APT4							
L6 West Wall (G.W21.E81)	0.400	96.83	0.063	190.79	0.176	287.62	SOUTH
in space: L6A West Perim Spc (G.W21) APT4							
L2 West Wall (G.E5.E23)	0.400	16.41	0.063	47.74	0.149	64.15	SOUTH
in space: L2B East Perim Spc (G.E5) APT1							
L6 West Wall (G.W21.E83)	0.400	31.18	0.063	61.44	0.176	92.62	SOUTH
in space: L6A West Perim Spc (G.W21) APT4							
L6 West Wall (G.W21.E85)	0.400	32.83	0.063	64.67	0.176	97.50	SOUTH
in space: L6A West Perim Spc (G.W21) APT4							
L6 West Wall (G.W21.E86)	0.400	19.70	0.063	38.80	0.176	58.50	SOUTH
in space: L6A West Perim Spc (G.W21) APT4							
L4 West Wall (G.S10.E55)	0.400	6.57	0.063	12.93	0.176	19.50	SOUTH
in space: L4B South Perim Spc (G.S10) APT7							
L6 West Wall (G.SW22.E88)	0.400	22.98	0.063	45.27	0.176	68.25	SOUTH
in space: L6A SW Perim Spc (G.SW22) APT1							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L3 West Slab (G.N4.S10)	0.000	0.00	0.235	3.35	0.235	3.35	SOUTH
in space: L3B North Perim Spc (G.N4) APT4							
L6 West Wall (G.SW22.E90)	0.400	88.63	0.063	174.62	0.176	263.25	SOUTH
in space: L6A SW Perim Spc (G.SW22) APT1							
L3 West Wall (G.N4.E10)	0.400	16.41	0.063	28.99	0.185	45.40	SOUTH
in space: L3B North Perim Spc (G.N4) APT4							
L2 West Slab (G.N4.S9)	0.000	0.00	0.235	3.35	0.235	3.35	SOUTH
in space: L2B North Perim Spc (G.N4) APT4							
L4 West Wall (G.S10.E59)	0.400	6.57	0.063	12.93	0.176	19.50	SOUTH
in space: L4B South Perim Spc (G.S10) APT7							
L2 West Wall (G.N4.E9)	0.400	16.41	0.063	47.74	0.149	64.15	SOUTH
in space: L2B North Perim Spc (G.N4) APT4							
L3 West Slab (G.S10.S59)	0.000	0.00	0.235	1.34	0.235	1.34	SOUTH
in space: L3B South Perim Spc (G.S10) APT7							
L3 West Wall (G.S10.E59)	0.400	6.57	0.063	11.59	0.185	18.16	SOUTH
in space: L3B South Perim Spc (G.S10) APT7							
L4 West Wall (G.S10.E63)	0.400	6.57	0.063	12.93	0.176	19.50	SOUTH
in space: L4B South Perim Spc (G.S10) APT7							
L3 West Slab (G.N4.S14)	0.000	0.00	0.235	3.35	0.235	3.35	SOUTH
in space: L3B North Perim Spc (G.N4) APT4							
L7 West Wall (G.W6.E10)	0.400	111.61	0.063	242.33	0.169	353.94	SOUTH
in space: L7B West Perim Spc (G.W6) APT1							
L7 West Wall (G.W7.E11)	0.400	49.24	0.063	106.91	0.169	156.15	SOUTH
in space: L7B West Perim Spc (G.W7) APT1							
L3 West Wall (G.N4.E14)	0.400	16.41	0.063	28.99	0.185	45.40	SOUTH
in space: L3B North Perim Spc (G.N4) APT4							
L2 West Slab (G.W6.S26)	0.000	0.00	0.235	22.78	0.235	22.78	SOUTH
in space: L2B West Perim Spc (G.W6) APT1							
L7 West Wall (G.E9.E14)	0.400	6.57	0.063	14.25	0.169	20.82	SOUTH
in space: L7B East Perim Spc (G.E9) APT1							
L2 West Wall (G.W6.E26)	0.400	111.61	0.063	324.61	0.149	436.22	SOUTH
in space: L2B West Perim Spc (G.W6) APT1							
L3 West Slab (G.N4.S18)	0.000	0.00	0.235	3.35	0.235	3.35	SOUTH
in space: L3B North Perim Spc (G.N4) APT4							
L3 West Wall (G.N4.E18)	0.400	16.41	0.063	28.99	0.185	45.40	SOUTH
in space: L3B North Perim Spc (G.N4) APT4							
L4 West Wall (G.NW17.E71)	0.400	22.98	0.063	45.27	0.176	68.25	SOUTH
in space: L4A NW Perim Spc (G.NW17) APT1							
L3 West Slab (G.S10.S63)	0.000	0.00	0.235	1.34	0.235	1.34	SOUTH
in space: L3B South Perim Spc (G.S10) APT7							
L7 West Wall (G.SSW10.E21)	0.400	6.57	0.063	14.25	0.169	20.82	SOUTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L4 West Wall (G.NW17.E75)	0.400	100.12	0.063	197.26	0.176	297.38	SOUTH
in space: L4A NW Perim Spc (G.NW17) APT1							
L3 West Wall (G.S10.E63)	0.400	6.57	0.063	11.59	0.185	18.16	SOUTH
in space: L3B South Perim Spc (G.S10) APT7							
L4 West Wall (G.N18.E79)	0.400	16.41	0.063	32.34	0.176	48.75	SOUTH
in space: L4A North Perim Spc (G.N18) APT3							
L7 West Wall (G.SSW10.E25)	0.400	6.57	0.063	14.25	0.169	20.82	SOUTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L2 West Slab (G.WNW18.S60)	0.000	0.00	0.235	3.35	0.235	3.35	SOUTH
in space: L2A WNW Perim Spc (G.WNW18) APT1							
L4 West Wall (G.N18.E83)	0.400	16.41	0.063	32.34	0.176	48.75	SOUTH
in space: L4A North Perim Spc (G.N18) APT3							
L2 West Wall (G.WNW18.E60)	0.400	16.41	0.063	47.74	0.149	64.15	SOUTH
in space: L2A WNW Perim Spc (G.WNW18) APT1							
L7 West Wall (G.SSW10.E29)	0.400	6.57	0.063	14.25	0.169	20.82	SOUTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L4 West Wall (G.N18.E87)	0.400	16.41	0.063	32.34	0.176	48.75	SOUTH
in space: L4A North Perim Spc (G.N18) APT3							
L2 West Slab (G.S10.S41)	0.000	0.00	0.235	2.68	0.235	2.68	SOUTH
in space: L2B South Perim Spc (G.S10) APT6							
L2 West Wall (G.S10.E41)	0.400	13.13	0.063	38.19	0.149	51.32	SOUTH
in space: L2B South Perim Spc (G.S10) APT6							
L7 West Wall (G.SSW10.E33)	0.400	6.57	0.063	14.25	0.169	20.82	SOUTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L2 West Slab (G.WNW18.S64)	0.000	0.00	0.235	20.44	0.235	20.44	SOUTH
in space: L2A WNW Perim Spc (G.WNW18) APT1							
L4 West Wall (G.E19.E93)	0.400	16.41	0.063	32.34	0.176	48.75	SOUTH
in space: L4B East Perim Spc (G.E19) APT1							
L4 West Wall (G.W21.E95)	0.400	34.47	0.063	67.91	0.176	102.38	SOUTH
in space: L4A West Perim Spc (G.W21) APT4							
L7 West Wall (G.SSW10.E37)	0.400	6.57	0.063	14.25	0.169	20.82	SOUTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L2 West Wall (G.WNW18.E64)	0.400	100.12	0.063	291.20	0.149	391.32	SOUTH
in space: L2A WNW Perim Spc (G.WNW18) APT1							
L4 West Wall (G.W21.E97)	0.400	32.83	0.063	64.67	0.176	97.50	SOUTH
in space: L4A West Perim Spc (G.W21) APT4							
L4 West Wall (G.W21.E99)	0.400	96.83	0.063	190.79	0.176	287.62	SOUTH
in space: L4A West Perim Spc (G.W21) APT4							
L7 West Wall (G.SSW10.E41)	0.400	6.57	0.063	14.25	0.169	20.82	SOUTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L3 West Slab (G.E5.S24)	0.000	0.00	0.235	3.35	0.235	3.35	SOUTH
in space: L3B East Perim Spc (G.E5) APT1							
L4 West Wall (G.W21.E101)	0.400	31.18	0.063	61.44	0.176	92.62	SOUTH
in space: L4A West Perim Spc (G.W21) APT4							
L4 West Wall (G.W21.E103)	0.400	32.83	0.063	64.67	0.176	97.50	SOUTH
in space: L4A West Perim Spc (G.W21) APT4							
L7 West Wall (G.SSW10.E45)	0.400	6.57	0.063	14.25	0.169	20.82	SOUTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L4 West Wall (G.W21.E104)	0.400	19.70	0.063	38.80	0.176	58.50	SOUTH
in space: L4A West Perim Spc (G.W21) APT4							
L3 West Wall (G.E5.E24)	0.400	16.41	0.063	28.99	0.185	45.40	SOUTH
in space: L3B East Perim Spc (G.E5) APT1							
L7 West Wall (G.SSW10.E48)	0.400	108.32	0.063	235.21	0.169	343.53	SOUTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L4 West Wall (G.SW22.E106)	0.400	22.98	0.063	45.27	0.176	68.25	SOUTH
in space: L4A SW Perim Spc (G.SW22) APT1							
L2 West Slab (G.W7.S27)	0.000	0.00	0.235	10.05	0.235	10.05	SOUTH
in space: L2B West Perim Spc (G.W7) APT1							
L7 West Wall (G.W18.E51)	0.400	118.17	0.063	256.59	0.169	374.76	SOUTH
in space: L7A West Perim Spc (G.W18) APT2							
L4 West Wall (G.SW22.E108)	0.400	88.63	0.063	174.62	0.176	263.25	SOUTH
in space: L4A SW Perim Spc (G.SW22) APT1							
L7 West Wall (G.SW19.E53)	0.400	111.61	0.063	242.33	0.169	353.94	SOUTH
in space: L7A SW Perim Spc (G.SW19) APT1							
L7 West Wall (G.NW21.E55)	0.400	222.83	0.063	105.09	0.292	327.92	SOUTH
in space: L7A NW Perim Spc (G.NW21) AMN							
L2 West Wall (G.W7.E27)	0.400	49.24	0.063	143.21	0.149	192.45	SOUTH
in space: L2B West Perim Spc (G.W7) APT1							
L3 West Slab (G.W6.S27)	0.000	0.00	0.235	22.78	0.235	22.78	SOUTH
in space: L3B West Perim Spc (G.W6) APT1							
L3 West Wall (G.W6.E27)	0.400	111.61	0.063	197.11	0.185	308.72	SOUTH
in space: L3B West Perim Spc (G.W6) APT1							
L3 West Slab (G.NW17.S71)	0.000	0.00	0.235	4.69	0.235	4.69	SOUTH
in space: L3A NW Perim Spc (G.NW17) APT1							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L3 West Wall (G.NW17.E71)	0.400	22.98	0.063	40.58	0.185	63.56	SOUTH
in space: L3A NW Perim Spc (G.NW17) APT1							
L8 West Wall (G.W8.E10)	0.400	118.17	0.063	232.83	0.176	351.00	SOUTH
in space: L8A West Perim Spc (G.W8) APT2							
L5 West Wall (G.N4.E6)	0.400	16.41	0.063	32.34	0.176	48.75	SOUTH
in space: L5B North Perim Spc (G.N4) APT4							
L8 West Wall (G.SW9.E13)	0.400	96.83	0.063	190.79	0.176	287.62	SOUTH
in space: L8A SW Perim Spc (G.SW9) APT1							
L3 West Slab (G.W7.S28)	0.000	0.00	0.235	10.05	0.235	10.05	SOUTH
in space: L3B West Perim Spc (G.W7) APT1							
L8 West Wall (G.NW11.E17)	0.400	105.04	0.063	206.96	0.176	312.00	SOUTH
in space: L8A NW Perim Spc (G.NW11) APT1							
L5 West Wall (G.N4.E10)	0.400	16.41	0.063	32.34	0.176	48.75	SOUTH
in space: L5B North Perim Spc (G.N4) APT4							
L3 West Wall (G.W7.E28)	0.400	49.24	0.063	86.96	0.185	136.20	SOUTH
in space: L3B West Perim Spc (G.W7) APT1							
L5 West Wall (G.N4.E14)	0.400	16.41	0.063	32.34	0.176	48.75	SOUTH
in space: L5B North Perim Spc (G.N4) APT4							
L3 West Slab (G.NW17.S75)	0.000	0.00	0.235	20.44	0.235	20.44	SOUTH
in space: L3A NW Perim Spc (G.NW17) APT1							
L1 North Wall (G.E6.E7)	0.400	72.01	0.063	108.79	0.197	180.80	WEST
in space: L1B East Perim Spc (G.E6) APT1							
P1 North Wall (B.NE14.U17)	0.400	72.01	0.063	127.99	0.184	200.00	WEST
in space: P1B NE Perim Spc (B.NE14) APT1							
L2 North Slab (G.N4.S12)	0.000	0.00	0.235	8.71	0.235	8.71	WEST
in space: L2B North Perim Spc (G.N4) APT4							
L2 North Wall (G.N4.E12)	0.400	46.80	0.063	119.99	0.158	166.79	WEST
in space: L2B North Perim Spc (G.N4) APT4							
L1 North Slab (G.S17.S24)	0.000	0.00	0.235	25.12	0.235	25.12	WEST
in space: L1A South Perim Spc (G.S17) LOB							
L1 North Slab (G.WNW27.S39)	0.000	0.00	0.235	14.07	0.235	14.07	WEST
in space: L1A WNW Perim Spc (G.WNW27) APT1							
L4 North Wall (G.N3.E1)	0.400	147.61	0.063	252.14	0.187	399.75	WEST
in space: L4B North Perim Spc (G.N3) COR							
L2 North Slab (G.E23.S79)	0.000	0.00	0.235	5.03	0.235	5.03	WEST
in space: L2B East Perim Spc (G.E23) APT1							
L5 North Wall (G.E13.E67)	0.400	12.60	0.063	21.52	0.187	34.12	WEST
in space: L5A East Perim Spc (G.E13) APT4							
L4 North Wall (G.N4.E3)	0.400	36.00	0.063	61.50	0.187	97.50	WEST
in space: L4B North Perim Spc (G.N4) APT4							
L2 North Wall (G.E23.E79)	0.400	27.00	0.063	69.22	0.158	96.22	WEST
in space: L2B East Perim Spc (G.E23) APT1							
L4 North Wall (G.N4.E5)	0.400	46.80	0.063	79.95	0.187	126.75	WEST
in space: L4B North Perim Spc (G.N4) APT4							
L2 North Slab (G.N4.S14)	0.000	0.00	0.235	6.70	0.235	6.70	WEST
in space: L2B North Perim Spc (G.N4) APT4							
L5 North Wall (G.NW17.E72)	0.400	25.20	0.063	43.05	0.187	68.25	WEST
in space: L5A NW Perim Spc (G.NW17) APT1							
L4 North Wall (G.N4.E7)	0.400	36.00	0.063	61.50	0.187	97.50	WEST
in space: L4B North Perim Spc (G.N4) APT4							
L5 North Wall (G.NW17.E74)	0.400	68.41	0.063	116.84	0.187	185.25	WEST
in space: L5A NW Perim Spc (G.NW17) APT1							
L2 North Wall (G.N4.E14)	0.400	36.00	0.063	92.30	0.158	128.30	WEST
in space: L2B North Perim Spc (G.N4) APT4							
L5 North Wall (G.N18.E76)	0.400	23.40	0.063	39.97	0.187	63.38	WEST
in space: L5A North Perim Spc (G.N18) APT3							
L4 North Wall (G.N4.E9)	0.400	46.80	0.063	79.95	0.187	126.75	WEST
in space: L4B North Perim Spc (G.N4) APT4							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L5 North Wall (G.N18.E78)	0.400	39.60	0.063	67.65	0.187	107.25	WEST
in space: L5A North Perim Spc (G.N18) APT3							
L2 North Slab (G.E23.S81)	0.000	0.00	0.235	7.37	0.235	7.37	WEST
in space: L2B East Perim Spc (G.E23) APT1							
L5 North Wall (G.N18.E80)	0.400	23.40	0.063	39.97	0.187	63.38	WEST
in space: L5A North Perim Spc (G.N18) APT3							
L4 North Wall (G.N4.E11)	0.400	36.00	0.063	61.50	0.187	97.50	WEST
in space: L4B North Perim Spc (G.N4) APT4							
L5 North Wall (G.N18.E82)	0.400	37.80	0.063	64.57	0.187	102.38	WEST
in space: L5A North Perim Spc (G.N18) APT3							
L2 North Wall (G.E23.E81)	0.400	39.60	0.063	101.53	0.158	141.13	WEST
in space: L2B East Perim Spc (G.E23) APT1							
L5 North Wall (G.N18.E84)	0.400	23.40	0.063	39.97	0.187	63.38	WEST
in space: L5A North Perim Spc (G.N18) APT3							
L4 North Wall (G.N4.E13)	0.400	46.80	0.063	79.95	0.187	126.75	WEST
in space: L4B North Perim Spc (G.N4) APT4							
L5 North Wall (G.N18.E86)	0.400	39.60	0.063	67.65	0.187	107.25	WEST
in space: L5A North Perim Spc (G.N18) APT3							
L1 North Wall (G.WNW27.E39)	0.400	75.61	0.063	114.23	0.197	189.84	WEST
in space: L1A WNW Perim Spc (G.WNW27) APT1							
L4 North Wall (G.N4.E15)	0.400	36.00	0.063	61.50	0.187	97.50	WEST
in space: L4B North Perim Spc (G.N4) APT4							
L1 North Wall (G.S17.E24)	0.500	265.27	0.063	73.73	0.405	339.00	WEST
in space: L1A South Perim Spc (G.S17) LOB							
L5 North Wall (G.E19.E90)	0.400	27.00	0.063	46.12	0.187	73.12	WEST
in space: L5B East Perim Spc (G.E19) APT1							
L4 North Wall (G.N4.E17)	0.400	46.80	0.063	79.95	0.187	126.75	WEST
in space: L4B North Perim Spc (G.N4) APT4							
L5 North Wall (G.E19.E92)	0.400	39.60	0.063	67.65	0.187	107.25	WEST
in space: L5B East Perim Spc (G.E19) APT1							
L2 North Slab (G.NNW24.S83)	0.000	0.00	0.235	17.42	0.235	17.42	WEST
in space: L2A NNW Perim Spc (G.NNW24) STR							
L5 North Wall (G.W21.E94)	0.400	18.00	0.063	30.75	0.187	48.75	WEST
in space: L5A West Perim Spc (G.W21) APT4							
L2 North Wall (G.NNW24.E83)	0.000	0.00	0.063	333.58	0.063	333.58	WEST
in space: L2A NNW Perim Spc (G.NNW24) STR							
L2 North Slab (G.N4.S16)	0.000	0.00	0.235	8.71	0.235	8.71	WEST
in space: L2B North Perim Spc (G.N4) APT4							
L4 North Wall (G.E5.E21)	0.400	46.80	0.063	79.95	0.187	126.75	WEST
in space: L4B East Perim Spc (G.E5) APT1							
L5 North Wall (G.W21.E98)	0.400	18.00	0.063	30.75	0.187	48.75	WEST
in space: L5A West Perim Spc (G.W21) APT4							
L2 North Wall (G.N4.E16)	0.400	46.80	0.063	119.99	0.158	166.79	WEST
in space: L2B North Perim Spc (G.N4) APT4							
L4 North Wall (G.E5.E23)	0.400	46.80	0.063	79.95	0.187	126.75	WEST
in space: L4B East Perim Spc (G.E5) APT1							
L1 North Slab (G.C4.S3)	0.000	0.00	0.235	2.35	0.235	2.35	WEST
in space: L1B Core Spc (G.C4) COR							
L5 North Wall (G.W21.E102)	0.400	18.00	0.063	30.75	0.187	48.75	WEST
in space: L5A West Perim Spc (G.W21) APT4							
L1 North Slab (G.W7.S9)	0.000	0.00	0.235	15.08	0.235	15.08	WEST
in space: L1B West Perim Spc (G.W7) APT1							
L4 North Wall (G.W6.E26)	0.400	81.01	0.063	138.37	0.187	219.38	WEST
in space: L4B West Perim Spc (G.W6) APT1							
L1 North Wall (G.W7.E9)	0.400	81.01	0.063	122.39	0.197	203.40	WEST
in space: L1B West Perim Spc (G.W7) APT1							
L1 North Slab (G.N28.S42)	0.000	0.00	0.235	34.84	0.235	34.84	WEST
in space: L1A North Perim Spc (G.N28) APT3							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L1 North Wall (G.N28.E42)	0.400	187.22	0.063	282.86	0.197	470.08	WEST
in space: L1A North Perim Spc (G.N28) APT3							
L1 North Wall (G.C4.E3)	0.400	12.60	0.063	19.04	0.197	31.64	WEST
in space: L1B Core Spc (G.C4) COR							
L2 North Slab (G.E5.S20)	0.000	0.00	0.235	8.71	0.235	8.71	WEST
in space: L2B East Perim Spc (G.E5) APT1							
L2 North Slab (G.SSW12.S48)	0.000	0.00	0.235	25.12	0.235	25.12	WEST
in space: L2B SSW Perim Spc (G.SSW12) LOB							
L3 North Slab (G.N3.S1)	0.000	0.00	0.235	27.47	0.235	27.47	WEST
in space: L3B North Perim Spc (G.N3) COR							
L6 North Wall (G.N3.E1)	0.400	147.61	0.063	252.14	0.187	399.75	WEST
in space: L6B North Perim Spc (G.N3) COR							
L4 North Wall (G.E9.E34)	0.400	79.21	0.063	135.29	0.187	214.50	WEST
in space: L4B East Perim Spc (G.E9) APT1							
L6 North Wall (G.N4.E3)	0.400	36.00	0.063	61.50	0.187	97.50	WEST
in space: L6B North Perim Spc (G.N4) APT4							
L3 North Wall (G.N3.E1)	0.400	147.61	0.063	224.67	0.197	372.28	WEST
in space: L3B North Perim Spc (G.N3) COR							
L6 North Wall (G.N4.E5)	0.400	46.80	0.063	79.95	0.187	126.75	WEST
in space: L6B North Perim Spc (G.N4) APT4							
L2 North Wall (G.SSW12.E48)	0.500	265.27	0.063	215.85	0.304	481.12	WEST
in space: L2B SSW Perim Spc (G.SSW12) LOB							
L6 North Wall (G.N4.E7)	0.400	36.00	0.063	61.50	0.187	97.50	WEST
in space: L6B North Perim Spc (G.N4) APT4							
L2 North Wall (G.E5.E20)	0.400	46.80	0.063	119.99	0.158	166.79	WEST
in space: L2B East Perim Spc (G.E5) APT1							
L6 North Wall (G.N4.E9)	0.400	46.80	0.063	79.95	0.187	126.75	WEST
in space: L6B North Perim Spc (G.N4) APT4							
L3 North Slab (G.N4.S3)	0.000	0.00	0.235	6.70	0.235	6.70	WEST
in space: L3B North Perim Spc (G.N4) APT4							
L6 North Wall (G.N4.E11)	0.400	36.00	0.063	61.50	0.187	97.50	WEST
in space: L6B North Perim Spc (G.N4) APT4							
L3 North Wall (G.N4.E3)	0.400	36.00	0.063	54.80	0.197	90.80	WEST
in space: L3B North Perim Spc (G.N4) APT4							
L6 North Wall (G.N4.E13)	0.400	46.80	0.063	79.95	0.187	126.75	WEST
in space: L6B North Perim Spc (G.N4) APT4							
L1 North Slab (G.N5.S4)	0.000	0.00	0.235	61.64	0.235	61.64	WEST
in space: L1B North Perim Spc (G.N5) APT4							
L6 North Wall (G.N4.E15)	0.400	36.00	0.063	61.50	0.187	97.50	WEST
in space: L6B North Perim Spc (G.N4) APT4							
L1 North Wall (G.N5.E4)	0.400	331.23	0.063	500.45	0.197	831.68	WEST
in space: L1B North Perim Spc (G.N5) APT4							
L6 North Wall (G.N4.E17)	0.400	46.80	0.063	79.95	0.187	126.75	WEST
in space: L6B North Perim Spc (G.N4) APT4							
L3 North Slab (G.N4.S5)	0.000	0.00	0.235	8.71	0.235	8.71	WEST
in space: L3B North Perim Spc (G.N4) APT4							
L3 North Wall (G.N4.E5)	0.400	46.80	0.063	71.24	0.197	118.04	WEST
in space: L3B North Perim Spc (G.N4) APT4							
L2 North Slab (G.E5.S22)	0.000	0.00	0.235	8.71	0.235	8.71	WEST
in space: L2B East Perim Spc (G.E5) APT1							
L6 North Wall (G.E5.E21)	0.400	46.80	0.063	79.95	0.187	126.75	WEST
in space: L6B East Perim Spc (G.E5) APT1							
L2 North Wall (G.E5.E22)	0.400	46.80	0.063	119.99	0.158	166.79	WEST
in space: L2B East Perim Spc (G.E5) APT1							
L6 North Wall (G.E5.E23)	0.400	46.80	0.063	79.95	0.187	126.75	WEST
in space: L6B East Perim Spc (G.E5) APT1							
L3 North Slab (G.N4.S7)	0.000	0.00	0.235	6.70	0.235	6.70	WEST
in space: L3B North Perim Spc (G.N4) APT4							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L3 North Wall (G.N4.E7)	0.400	36.00	0.063	54.80	0.197	90.80	WEST
in space: L3B North Perim Spc (G.N4) APT4							
L6 North Wall (G.W6.E26)	0.400	81.01	0.063	138.37	0.187	219.38	WEST
in space: L6B West Perim Spc (G.W6) APT1							
L1 North Slab (G.NNE24.S28)	0.000	0.00	0.235	10.72	0.235	10.72	WEST
in space: L1A NNE Perim Spc (G.NNE24) APT1							
L1 North Wall (G.NNE24.E28)	0.000	0.00	0.063	144.64	0.063	144.64	WEST
in space: L1A NNE Perim Spc (G.NNE24) APT1							
L3 North Slab (G.N4.S9)	0.000	0.00	0.235	8.71	0.235	8.71	WEST
in space: L3B North Perim Spc (G.N4) APT4							
L3 North Wall (G.N4.E9)	0.400	46.80	0.063	71.24	0.197	118.04	WEST
in space: L3B North Perim Spc (G.N4) APT4							
L1 North Slab (G.NNE24.S29)	0.000	0.00	0.235	16.08	0.235	16.08	WEST
in space: L1A NNE Perim Spc (G.NNE24) APT1							
L2 North Slab (G.E14.S53)	0.000	0.00	0.235	2.35	0.235	2.35	WEST
in space: L2A East Perim Spc (G.E14) APT3							
L3 North Slab (G.N4.S11)	0.000	0.00	0.235	6.70	0.235	6.70	WEST
in space: L3B North Perim Spc (G.N4) APT4							
L6 North Wall (G.E9.E34)	0.400	79.21	0.063	135.29	0.187	214.50	WEST
in space: L6B East Perim Spc (G.E9) APT1							
L3 North Wall (G.N4.E11)	0.400	36.00	0.063	54.80	0.197	90.80	WEST
in space: L3B North Perim Spc (G.N4) APT4							
L2 North Wall (G.E14.E53)	0.400	12.60	0.063	32.30	0.158	44.90	WEST
in space: L2A East Perim Spc (G.E14) APT3							
L1 North Slab (G.E29.S46)	0.000	0.00	0.235	11.39	0.235	11.39	WEST
in space: L1B East Perim Spc (G.E29) APT1							
L3 North Slab (G.N4.S13)	0.000	0.00	0.235	8.71	0.235	8.71	WEST
in space: L3B North Perim Spc (G.N4) APT4							
L3 North Slab (G.E13.S67)	0.000	0.00	0.235	2.35	0.235	2.35	WEST
in space: L3A East Perim Spc (G.E13) APT4							
L3 North Wall (G.E13.E67)	0.400	12.60	0.063	19.18	0.197	31.78	WEST
in space: L3A East Perim Spc (G.E13) APT4							
L3 North Wall (G.N4.E13)	0.400	46.80	0.063	71.24	0.197	118.04	WEST
in space: L3B North Perim Spc (G.N4) APT4							
L2 North Slab (G.W6.S25)	0.000	0.00	0.235	15.08	0.235	15.08	WEST
in space: L2B West Perim Spc (G.W6) APT1							
L2 North Wall (G.W6.E25)	0.400	81.01	0.063	207.67	0.158	288.67	WEST
in space: L2B West Perim Spc (G.W6) APT1							
L3 North Slab (G.N4.S15)	0.000	0.00	0.235	6.70	0.235	6.70	WEST
in space: L3B North Perim Spc (G.N4) APT4							
L3 North Wall (G.N4.E15)	0.400	36.00	0.063	54.80	0.197	90.80	WEST
in space: L3B North Perim Spc (G.N4) APT4							
L1 North Wall (G.E29.E46)	0.400	61.21	0.063	92.47	0.197	153.68	WEST
in space: L1B East Perim Spc (G.E29) APT1							
L4 North Wall (G.E13.E67)	0.400	12.60	0.063	21.52	0.187	34.12	WEST
in space: L4A East Perim Spc (G.E13) APT4							
L1 North Wall (G.NNE24.E29)	0.000	0.00	0.063	216.96	0.063	216.96	WEST
in space: L1A NNE Perim Spc (G.NNE24) APT1							
L3 North Slab (G.N4.S17)	0.000	0.00	0.235	8.71	0.235	8.71	WEST
in space: L3B North Perim Spc (G.N4) APT4							
L3 North Slab (G.NW17.S72)	0.000	0.00	0.235	4.69	0.235	4.69	WEST
in space: L3A NW Perim Spc (G.NW17) APT1							
L3 North Wall (G.NW17.E72)	0.400	25.20	0.063	38.36	0.197	63.56	WEST
in space: L3A NW Perim Spc (G.NW17) APT1							
L4 North Wall (G.NW17.E72)	0.400	25.20	0.063	43.05	0.187	68.25	WEST
in space: L4A NW Perim Spc (G.NW17) APT1							
L3 North Wall (G.N4.E17)	0.400	46.80	0.063	71.24	0.197	118.04	WEST
in space: L3B North Perim Spc (G.N4) APT4							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L4 North Wall (G.NW17.E74)	0.400	68.41	0.063	116.84	0.187	185.25	WEST
in space: L4A NW Perim Spc (G.NW17) APT1							
P1 North Wall (B.N11.U14)	0.400	57.60	0.063	102.40	0.184	160.00	WEST
in space: P1B North Perim Spc (B.N11) APT1							
L4 North Wall (G.N18.E76)	0.400	23.40	0.063	39.97	0.187	63.38	WEST
in space: L4A North Perim Spc (G.N18) APT3							
L3 North Slab (G.NW17.S74)	0.000	0.00	0.235	12.73	0.235	12.73	WEST
in space: L3A NW Perim Spc (G.NW17) APT1							
L4 North Wall (G.N18.E78)	0.400	39.60	0.063	67.65	0.187	107.25	WEST
in space: L4A North Perim Spc (G.N18) APT3							
L3 North Wall (G.NW17.E74)	0.400	68.41	0.063	104.11	0.197	172.52	WEST
in space: L3A NW Perim Spc (G.NW17) APT1							
L4 North Wall (G.N18.E80)	0.400	23.40	0.063	39.97	0.187	63.38	WEST
in space: L4A North Perim Spc (G.N18) APT3							
L2 North Slab (G.WNW18.S57)	0.000	0.00	0.235	4.36	0.235	4.36	WEST
in space: L2A WNW Perim Spc (G.WNW18) APT1							
L4 North Wall (G.N18.E82)	0.400	37.80	0.063	64.57	0.187	102.38	WEST
in space: L4A North Perim Spc (G.N18) APT3							
L2 North Wall (G.WNW18.E57)	0.400	23.40	0.063	59.99	0.158	83.39	WEST
in space: L2A WNW Perim Spc (G.WNW18) APT1							
L4 North Wall (G.N18.E84)	0.400	23.40	0.063	39.97	0.187	63.38	WEST
in space: L4A North Perim Spc (G.N18) APT3							
L3 North Slab (G.N18.S76)	0.000	0.00	0.235	4.36	0.235	4.36	WEST
in space: L3A North Perim Spc (G.N18) APT3							
L4 North Wall (G.N18.E86)	0.400	39.60	0.063	67.65	0.187	107.25	WEST
in space: L4A North Perim Spc (G.N18) APT3							
L6 North Wall (G.E13.E67)	0.400	12.60	0.063	21.52	0.187	34.12	WEST
in space: L6A East Perim Spc (G.E13) APT4							
L3 North Wall (G.N18.E76)	0.400	23.40	0.063	35.62	0.197	59.02	WEST
in space: L3A North Perim Spc (G.N18) APT3							
L2 North Slab (G.C3.S1)	0.000	0.00	0.235	2.35	0.235	2.35	WEST
in space: L2B Core Spc (G.C3) COR							
L2 North Wall (G.C3.E1)	0.400	12.60	0.063	32.30	0.158	44.90	WEST
in space: L2B Core Spc (G.C3) COR							
L6 North Wall (G.NW17.E71)	0.400	81.01	0.063	138.37	0.187	219.38	WEST
in space: L6A NW Perim Spc (G.NW17) APT1							
L6 North Wall (G.N18.E72)	0.400	187.22	0.063	319.78	0.187	507.00	WEST
in space: L6A North Perim Spc (G.N18) APT3							
L4 North Wall (G.E19.E90)	0.400	27.00	0.063	46.12	0.187	73.12	WEST
in space: L4B East Perim Spc (G.E19) APT1							
L3 North Slab (G.N18.S78)	0.000	0.00	0.235	7.37	0.235	7.37	WEST
in space: L3A North Perim Spc (G.N18) APT3							
L6 North Wall (G.E19.E75)	0.400	66.61	0.063	113.77	0.187	180.38	WEST
in space: L6B East Perim Spc (G.E19) APT1							
L6 North Wall (G.W21.E76)	0.400	18.00	0.063	30.75	0.187	48.75	WEST
in space: L6A West Perim Spc (G.W21) APT4							
L4 North Wall (G.E19.E92)	0.400	39.60	0.063	67.65	0.187	107.25	WEST
in space: L4B East Perim Spc (G.E19) APT1							
L3 North Wall (G.N18.E78)	0.400	39.60	0.063	60.28	0.197	99.88	WEST
in space: L3A North Perim Spc (G.N18) APT3							
L4 North Wall (G.W21.E94)	0.400	18.00	0.063	30.75	0.187	48.75	WEST
in space: L4A West Perim Spc (G.W21) APT4							
L6 North Wall (G.W21.E80)	0.400	18.00	0.063	30.75	0.187	48.75	WEST
in space: L6A West Perim Spc (G.W21) APT4							
L2 North Slab (G.WNW18.S59)	0.000	0.00	0.235	7.37	0.235	7.37	WEST
in space: L2A WNW Perim Spc (G.WNW18) APT1							
L3 North Slab (G.E5.S21)	0.000	0.00	0.235	8.71	0.235	8.71	WEST
in space: L3B East Perim Spc (G.E5) APT1							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L3 North Slab (G.N18.S80)	0.000	0.00	0.235	4.36	0.235	4.36	WEST
in space: L3A North Perim Spc (G.N18) APT3							
L6 North Wall (G.W21.E84)	0.400	18.00	0.063	30.75	0.187	48.75	WEST
in space: L6A West Perim Spc (G.W21) APT4							
L4 North Wall (G.W21.E98)	0.400	18.00	0.063	30.75	0.187	48.75	WEST
in space: L4A West Perim Spc (G.W21) APT4							
L3 North Wall (G.N18.E80)	0.400	23.40	0.063	35.62	0.197	59.02	WEST
in space: L3A North Perim Spc (G.N18) APT3							
L3 North Wall (G.E5.E21)	0.400	46.80	0.063	71.24	0.197	118.04	WEST
in space: L3B East Perim Spc (G.E5) APT1							
L2 North Wall (G.WNW18.E59)	0.400	39.60	0.063	101.53	0.158	141.13	WEST
in space: L2A WNW Perim Spc (G.WNW18) APT1							
L4 North Wall (G.W21.E102)	0.400	18.00	0.063	30.75	0.187	48.75	WEST
in space: L4A West Perim Spc (G.W21) APT4							
L3 North Slab (G.N18.S82)	0.000	0.00	0.235	7.04	0.235	7.04	WEST
in space: L3A North Perim Spc (G.N18) APT3							
L3 North Wall (G.N18.E82)	0.400	37.80	0.063	57.54	0.197	95.34	WEST
in space: L3A North Perim Spc (G.N18) APT3							
L2 North Slab (G.N4.S2)	0.000	0.00	0.235	6.70	0.235	6.70	WEST
in space: L2B North Perim Spc (G.N4) APT4							
L3 North Slab (G.E5.S23)	0.000	0.00	0.235	8.71	0.235	8.71	WEST
in space: L3B East Perim Spc (G.E5) APT1							
L3 North Slab (G.N18.S84)	0.000	0.00	0.235	4.36	0.235	4.36	WEST
in space: L3A North Perim Spc (G.N18) APT3							
L7 North Wall (G.N3.E2)	0.400	147.61	0.063	279.20	0.180	426.81	WEST
in space: L7B North Perim Spc (G.N3) COR							
L3 North Wall (G.N18.E84)	0.400	23.40	0.063	35.62	0.197	59.02	WEST
in space: L3A North Perim Spc (G.N18) APT3							
L7 North Wall (G.N4.E4)	0.400	331.23	0.063	626.49	0.180	957.72	WEST
in space: L7B North Perim Spc (G.N4) APT4							
L3 North Wall (G.E5.E23)	0.400	46.80	0.063	71.24	0.197	118.04	WEST
in space: L3B East Perim Spc (G.E5) APT1							
L2 North Wall (G.N4.E2)	0.400	36.00	0.063	92.30	0.158	128.30	WEST
in space: L2B North Perim Spc (G.N4) APT4							
L7 North Wall (G.E5.E7)	0.400	93.61	0.063	177.05	0.180	270.66	WEST
in space: L7B East Perim Spc (G.E5) APT1							
L3 North Slab (G.N18.S86)	0.000	0.00	0.235	7.37	0.235	7.37	WEST
in space: L3A North Perim Spc (G.N18) APT3							
L7 North Wall (G.W6.E9)	0.400	81.01	0.063	153.22	0.180	234.22	WEST
in space: L7B West Perim Spc (G.W6) APT1							
L5 North Wall (G.N3.E1)	0.400	147.61	0.063	252.14	0.187	399.75	WEST
in space: L5B North Perim Spc (G.N3) COR							
L3 North Wall (G.N18.E86)	0.400	39.60	0.063	60.28	0.197	99.88	WEST
in space: L3A North Perim Spc (G.N18) APT3							
L5 North Wall (G.N4.E3)	0.400	36.00	0.063	61.50	0.187	97.50	WEST
in space: L5B North Perim Spc (G.N4) APT4							
L2 North Slab (G.WNW18.S61)	0.000	0.00	0.235	4.69	0.235	4.69	WEST
in space: L2A WNW Perim Spc (G.WNW18) APT1							
L5 North Wall (G.N4.E5)	0.400	46.80	0.063	79.95	0.187	126.75	WEST
in space: L5B North Perim Spc (G.N4) APT4							
L2 North Wall (G.WNW18.E61)	0.400	25.20	0.063	64.61	0.158	89.81	WEST
in space: L2A WNW Perim Spc (G.WNW18) APT1							
L5 North Wall (G.N4.E7)	0.400	36.00	0.063	61.50	0.187	97.50	WEST
in space: L5B North Perim Spc (G.N4) APT4							
L7 North Wall (G.E9.E17)	0.400	79.21	0.063	149.81	0.180	229.02	WEST
in space: L7B East Perim Spc (G.E9) APT1							
L1 North Slab (G.C1.S1)	0.000	0.00	0.235	5.70	0.235	5.70	WEST
in space: L1A Core Spc (G.C1) STR							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L5 North Wall (G.N4.E9)	0.400	46.80	0.063	79.95	0.187	126.75	WEST
in space: L5B North Perim Spc (G.N4) APT4							
L3 North Slab (G.W6.S26)	0.000	0.00	0.235	15.08	0.235	15.08	WEST
in space: L3B West Perim Spc (G.W6) APT1							
L5 North Wall (G.N4.E11)	0.400	36.00	0.063	61.50	0.187	97.50	WEST
in space: L5B North Perim Spc (G.N4) APT4							
L3 North Wall (G.W6.E26)	0.400	81.01	0.063	123.29	0.197	204.30	WEST
in space: L3B West Perim Spc (G.W6) APT1							
L5 North Wall (G.N4.E13)	0.400	46.80	0.063	79.95	0.187	126.75	WEST
in space: L5B North Perim Spc (G.N4) APT4							
L2 North Slab (G.E9.S30)	0.000	0.00	0.235	14.07	0.235	14.07	WEST
in space: L2B East Perim Spc (G.E9) APT1							
L5 North Wall (G.N4.E15)	0.400	36.00	0.063	61.50	0.187	97.50	WEST
in space: L5B North Perim Spc (G.N4) APT4							
L3 North Slab (G.E19.S90)	0.000	0.00	0.235	5.03	0.235	5.03	WEST
in space: L3B East Perim Spc (G.E19) APT1							
L5 North Wall (G.N4.E17)	0.400	46.80	0.063	79.95	0.187	126.75	WEST
in space: L5B North Perim Spc (G.N4) APT4							
L3 North Wall (G.E19.E90)	0.400	27.00	0.063	41.10	0.197	68.10	WEST
in space: L3B East Perim Spc (G.E19) APT1							
L2 North Slab (G.WNW18.S63)	0.000	0.00	0.235	12.73	0.235	12.73	WEST
in space: L2A WNW Perim Spc (G.WNW18) APT1							
L2 North Wall (G.WNW18.E63)	0.400	68.41	0.063	175.36	0.158	243.77	WEST
in space: L2A WNW Perim Spc (G.WNW18) APT1							
L5 North Wall (G.E5.E21)	0.400	46.80	0.063	79.95	0.187	126.75	WEST
in space: L5B East Perim Spc (G.E5) APT1							
L3 North Slab (G.E19.S92)	0.000	0.00	0.235	7.37	0.235	7.37	WEST
in space: L3B East Perim Spc (G.E19) APT1							
L5 North Wall (G.E5.E23)	0.400	46.80	0.063	79.95	0.187	126.75	WEST
in space: L5B East Perim Spc (G.E5) APT1							
L3 North Wall (G.E19.E92)	0.400	39.60	0.063	60.28	0.197	99.88	WEST
in space: L3B East Perim Spc (G.E19) APT1							
L2 North Wall (G.E9.E30)	0.400	75.61	0.063	193.82	0.158	269.43	WEST
in space: L2B East Perim Spc (G.E9) APT1							
L5 North Wall (G.W6.E26)	0.400	81.01	0.063	138.37	0.187	219.38	WEST
in space: L5B West Perim Spc (G.W6) APT1							
L1 North Slab (G.WNW25.S34) \$X	0.000	0.00	0.235	12.40	0.235	12.40	WEST
in space: L1A WNW Perim Spc (G.WNW25) STO							
L3 North Slab (G.W21.S94)	0.000	0.00	0.235	3.35	0.235	3.35	WEST
in space: L3A West Perim Spc (G.W21) APT4							
L3 North Wall (G.W21.E94)	0.400	18.00	0.063	27.40	0.197	45.40	WEST
in space: L3A West Perim Spc (G.W21) APT4							
L2 North Slab (G.N19.S65)	0.000	0.00	0.235	4.36	0.235	4.36	WEST
in space: L2A North Perim Spc (G.N19) APT2							
L2 North Wall (G.N19.E65)	0.400	23.40	0.063	59.99	0.158	83.39	WEST
in space: L2A North Perim Spc (G.N19) APT2							
L2 North Slab (G.N4.S4)	0.000	0.00	0.235	8.71	0.235	8.71	WEST
in space: L2B North Perim Spc (G.N4) APT4							
L2 North Wall (G.N4.E4)	0.400	46.80	0.063	119.99	0.158	166.79	WEST
in space: L2B North Perim Spc (G.N4) APT4							
L5 North Wall (G.E9.E34)	0.400	79.21	0.063	135.29	0.187	214.50	WEST
in space: L5B East Perim Spc (G.E9) APT1							
L2 North Slab (G.N19.S67)	0.000	0.00	0.235	7.37	0.235	7.37	WEST
in space: L2A North Perim Spc (G.N19) APT2							
L2 North Wall (G.N19.E67)	0.400	39.60	0.063	101.53	0.158	141.13	WEST
in space: L2A North Perim Spc (G.N19) APT2							
L3 North Slab (G.W21.S98)	0.000	0.00	0.235	3.35	0.235	3.35	WEST
in space: L3A West Perim Spc (G.W21) APT4							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L3 North Wall (G.W21.E98)	0.400	18.00	0.063	27.40	0.197	45.40	WEST
in space: L3A West Perim Spc (G.W21) APT4							
L1 North Wall (G.WNW25.E34) \$X	0.000	0.00	0.063	167.24	0.063	167.24	WEST
in space: L1A WNW Perim Spc (G.WNW25) STO							
L1 North Wall (G.C1.E1)	0.000	0.00	0.063	76.84	0.063	76.84	WEST
in space: L1A Core Spc (G.C1) STR							
L2 North Slab (G.N19.S69)	0.000	0.00	0.235	4.36	0.235	4.36	WEST
in space: L2A North Perim Spc (G.N19) APT2							
L3 North Slab (G.E9.S34)	0.000	0.00	0.235	14.74	0.235	14.74	WEST
in space: L3B East Perim Spc (G.E9) APT1							
L3 North Wall (G.E9.E34)	0.400	79.21	0.063	120.55	0.197	199.76	WEST
in space: L3B East Perim Spc (G.E9) APT1							
L7 North Wall (G.C20.E54)	0.400	41.40	0.063	78.31	0.180	119.71	WEST
in space: L7A Core Spc (G.C20) COR							
L2 North Wall (G.N19.E69)	0.400	23.40	0.063	59.99	0.158	83.39	WEST
in space: L2A North Perim Spc (G.N19) APT2							
L7 North Wall (G.NW21.E56)	0.400	194.53	0.063	91.74	0.292	286.27	WEST
in space: L7A NW Perim Spc (G.NW21) AMN							
L7 North Wall (G.NE22.E57)	0.400	222.83	0.063	105.09	0.292	327.92	WEST
in space: L7A NE Perim Spc (G.NE22) AMN							
L3 North Slab (G.W21.S102)	0.000	0.00	0.235	3.35	0.235	3.35	WEST
in space: L3A West Perim Spc (G.W21) APT4							
L3 North Wall (G.W21.E102)	0.400	18.00	0.063	27.40	0.197	45.40	WEST
in space: L3A West Perim Spc (G.W21) APT4							
L2 North Slab (G.N4.S6)	0.000	0.00	0.235	6.70	0.235	6.70	WEST
in space: L2B North Perim Spc (G.N4) APT4							
L2 North Wall (G.N4.E6)	0.400	36.00	0.063	92.30	0.158	128.30	WEST
in space: L2B North Perim Spc (G.N4) APT4							
L2 North Slab (G.N19.S71)	0.000	0.00	0.235	7.04	0.235	7.04	WEST
in space: L2A North Perim Spc (G.N19) APT2							
L2 North Wall (G.N19.E71)	0.400	37.80	0.063	96.91	0.158	134.71	WEST
in space: L2A North Perim Spc (G.N19) APT2							
P1 North Wall (B.N13.U15)	0.400	306.03	0.063	543.97	0.184	850.00	WEST
in space: P1B North Perim Spc (B.N13) APT4							
L1 North Slab (G.E10.S14)	0.000	0.00	0.235	14.07	0.235	14.07	WEST
in space: L1B East Perim Spc (G.E10) APT1							
L2 North Slab (G.N4.S8)	0.000	0.00	0.235	8.71	0.235	8.71	WEST
in space: L2B North Perim Spc (G.N4) APT4							
L2 North Wall (G.N4.E8)	0.400	46.80	0.063	119.99	0.158	166.79	WEST
in space: L2B North Perim Spc (G.N4) APT4							
L8 North Wall (G.NW11.E18)	0.400	118.81	0.063	202.94	0.187	321.75	WEST
in space: L8A NW Perim Spc (G.NW11) APT1							
L8 North Wall (G.NE12.E20)	0.400	124.21	0.063	212.16	0.187	336.38	WEST
in space: L8A NE Perim Spc (G.NE12) APT1							
L1 North Wall (G.E10.E14)	0.400	75.61	0.063	114.23	0.197	189.84	WEST
in space: L1B East Perim Spc (G.E10) APT1							
L1 North Slab (G.E6.S7)	0.000	0.00	0.235	13.40	0.235	13.40	WEST
in space: L1B East Perim Spc (G.E6) APT1							
L2 North Slab (G.N4.S10)	0.000	0.00	0.235	6.70	0.235	6.70	WEST
in space: L2B North Perim Spc (G.N4) APT4							
L2 North Wall (G.N4.E10)	0.400	36.00	0.063	92.30	0.158	128.30	WEST
in space: L2B North Perim Spc (G.N4) APT4							
L2 Flr (G.E14) 1	0.000	0.00	0.038	236.00	0.038	236.00	FLOOR
in space: L2A East Perim Spc (G.E14) APT3							
L2 Flr (G.E14) 2	0.000	0.00	0.038	297.00	0.038	297.00	FLOOR
in space: L2A East Perim Spc (G.E14) APT3							
L1 Flr (G.WNW25.I109) \$X	0.000	0.00	0.038	1431.25	0.038	1431.25	FLOOR
in space: L1A WNW Perim Spc (G.WNW25) STO							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L1 Flr (G.E9.I50)	0.000	0.00	0.038	713.50	0.038	713.50	FLOOR
in space: L1B East Perim Spc (G.E9) APT1							
L2 Flr (G.NNW24) 1	0.000	0.00	0.038	13.50	0.038	13.50	FLOOR
in space: L2A NNW Perim Spc (G.NNW24) STR							
L2 Flr (G.NNW24) 2	0.000	0.00	0.038	42.00	0.038	42.00	FLOOR
in space: L2A NNW Perim Spc (G.NNW24) STR							
P1 Flr (B.NNE9.I35) \$X	0.000	0.00	0.038	3916.00	0.038	3916.00	FLOOR
in space: P1B NNE Perim Spc (B.NNE9) PKG							
L1 Flr (G.SW26.I112)	0.000	0.00	0.038	42.00	0.038	42.00	FLOOR
in space: L1A SW Perim Spc (G.SW26) ELEC							
L3 Flr (G.SW22) 1	0.000	0.00	0.038	52.50	0.038	52.50	FLOOR
in space: L3A SW Perim Spc (G.SW22) APT1							
L3 Flr (G.C23) 1	0.000	0.00	0.038	33.00	0.038	33.00	FLOOR
in space: L3A Core Spc (G.C23) COR							
L2 Flr (G.W25) 1	0.000	0.00	0.038	52.00	0.038	52.00	FLOOR
in space: L2A West Perim Spc (G.W25) STO							
P1 Flr (B.ENE10.I44)	0.000	0.00	0.038	271.50	0.038	271.50	FLOOR
in space: P1B ENE Perim Spc (B.ENE10) MECH							
L3 Flr (G.E9) 1	0.000	0.00	0.038	231.00	0.038	231.00	FLOOR
in space: L3B East Perim Spc (G.E9) APT1							
L1 Flr (G.E10.I52)	0.000	0.00	0.038	519.00	0.038	519.00	FLOOR
in space: L1B East Perim Spc (G.E10) APT1							
L2 Flr (G.C26) 1	0.000	0.00	0.038	18.00	0.038	18.00	FLOOR
in space: L2A Core Spc (G.C26) COR							
L2 Flr (G.C26) 2	0.000	0.00	0.038	231.00	0.038	231.00	FLOOR
in space: L2A Core Spc (G.C26) COR							
L3 Flr (G.S24) 1	0.000	0.00	0.038	591.75	0.038	591.75	FLOOR
in space: L3A South Perim Spc (G.S24) APT3							
L2 Flr (G.C26) 3	0.000	0.00	0.038	38.50	0.038	38.50	FLOOR
in space: L2A Core Spc (G.C26) COR							
L1 Flr (G.N5.I41)	0.000	0.00	0.038	2580.00	0.038	2580.00	FLOOR
in space: L1B North Perim Spc (G.N5) APT4							
P1 Flr (B.N11.I45)	0.000	0.00	0.038	464.00	0.038	464.00	FLOOR
in space: P1B North Perim Spc (B.N11) APT1							
L1 Flr (G.SW26) 1	0.000	0.00	0.038	42.00	0.038	42.00	FLOOR
in space: L1A SW Perim Spc (G.SW26) ELEC							
L3 Flr (G.NW17) 1	0.000	0.00	0.038	157.50	0.038	157.50	FLOOR
in space: L3A NW Perim Spc (G.NW17) APT1							
L1 Flr (G.WNW27.I113)	0.000	0.00	0.038	493.50	0.038	493.50	FLOOR
in space: L1A WNW Perim Spc (G.WNW27) APT1							
P1 Flr (B.C1.I1)	0.000	0.00	0.038	170.00	0.038	170.00	FLOOR
in space: P1A Core Spc (B.C1) STR							
L1 Flr (G.E6.I43)	0.000	0.00	0.038	668.00	0.038	668.00	FLOOR
in space: L1B East Perim Spc (G.E6) APT1							
P1 Flr (B.C12.I47)	0.000	0.00	0.038	460.00	0.038	460.00	FLOOR
in space: P1B Core Spc (B.C12) COR							
L1 Flr (G.S11.I53)	0.000	0.00	0.038	1978.00	0.038	1978.00	FLOOR
in space: L1B South Perim Spc (G.S11) APT5							
P1 Flr (B.N13.I52)	0.000	0.00	0.038	2465.00	0.038	2465.00	FLOOR
in space: P1B North Perim Spc (B.N13) APT4							
L1 Flr (G.C12.I58)	0.000	0.00	0.038	82.50	0.038	82.50	FLOOR
in space: L1B Core Spc (G.C12) ELEC							
L1 Flr (G.WNW27) 1	0.000	0.00	0.038	493.50	0.038	493.50	FLOOR
in space: L1A WNW Perim Spc (G.WNW27) APT1							
L1 Flr (G.N28.I117)	0.000	0.00	0.038	1326.00	0.038	1326.00	FLOOR
in space: L1A North Perim Spc (G.N28) APT3							
L2 Flr (G.WNW18) 1	0.000	0.00	0.038	222.50	0.038	222.50	FLOOR
in space: L2A WNW Perim Spc (G.WNW18) APT1							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L2 Flr (G.WNW18) 2	0.000	0.00	0.038	11.25	0.038	11.25	FLOOR
in space: L2A WNW Perim Spc (G.WNW18) APT1							
L2 Flr (G.WNW18) 3	0.000	0.00	0.038	55.00	0.038	55.00	FLOOR
in space: L2A WNW Perim Spc (G.WNW18) APT1							
L1 Flr (G.SSW13.I59)	0.000	0.00	0.038	437.50	0.038	437.50	FLOOR
in space: L1B SSW Perim Spc (G.SSW13) CONF							
L1 Flr (G.C14.I62)	0.000	0.00	0.038	367.50	0.038	367.50	FLOOR
in space: L1B Core Spc (G.C14) OFF							
L1 Flr (G.SSW15.I63)	0.000	0.00	0.038	1300.50	0.038	1300.50	FLOOR
in space: L1A SSW Perim Spc (G.SSW15) FIT							
L1 Flr (G.C16.I67)	0.000	0.00	0.038	218.50	0.038	218.50	FLOOR
in space: L1A Core Spc (G.C16) RR							
L1 Flr (G.S17.I68)	0.000	0.00	0.038	1541.00	0.038	1541.00	FLOOR
in space: L1A South Perim Spc (G.S17) LOB							
P1 Flr (B.C2.I2)	0.000	0.00	0.038	161.50	0.038	161.50	FLOOR
in space: P1A Core Spc (B.C2) ELV							
L2 Flr (G.N4) 1	0.000	0.00	0.038	65.00	0.038	65.00	FLOOR
in space: L2B North Perim Spc (G.N4) APT4							
L2 Flr (G.N4) 2	0.000	0.00	0.038	65.00	0.038	65.00	FLOOR
in space: L2B North Perim Spc (G.N4) APT4							
L2 Flr (G.N4) 3	0.000	0.00	0.038	65.00	0.038	65.00	FLOOR
in space: L2B North Perim Spc (G.N4) APT4							
L2 Flr (G.N4) 4	0.000	0.00	0.038	65.00	0.038	65.00	FLOOR
in space: L2B North Perim Spc (G.N4) APT4							
L1 Flr (G.N28) 1	0.000	0.00	0.038	1326.00	0.038	1326.00	FLOOR
in space: L1A North Perim Spc (G.N28) APT3							
L1 Flr (G.E29.I120)	0.000	0.00	0.038	429.50	0.038	429.50	FLOOR
in space: L1B East Perim Spc (G.E29) APT1							
P1 Flr (B.NE14.I53)	0.000	0.00	0.038	705.00	0.038	705.00	FLOOR
in space: P1B NE Perim Spc (B.NE14) APT1							
P1 Flr (B.C3.I4)	0.000	0.00	0.038	237.50	0.038	237.50	FLOOR
in space: P1A Core Spc (B.C3) COR							
P1 Flr (B.C4.I5)	0.000	0.00	0.038	241.50	0.038	241.50	FLOOR
in space: P1B Core Spc (B.C4) STR							
L2 Flr (G.S10) 1	0.000	0.00	0.038	84.00	0.038	84.00	FLOOR
in space: L2B South Perim Spc (G.S10) APT6							
L2 Flr (G.N19) 1	0.000	0.00	0.038	55.00	0.038	55.00	FLOOR
in space: L2A North Perim Spc (G.N19) APT2							
L2 Flr (G.N19) 2	0.000	0.00	0.038	52.50	0.038	52.50	FLOOR
in space: L2A North Perim Spc (G.N19) APT2							
L2 Flr (G.N19) 3	0.000	0.00	0.038	24.75	0.038	24.75	FLOOR
in space: L2A North Perim Spc (G.N19) APT2							
L2 Flr (G.N19) 4	0.000	0.00	0.038	26.25	0.038	26.25	FLOOR
in space: L2A North Perim Spc (G.N19) APT2							
L2 Flr (G.S10) 2	0.000	0.00	0.038	88.00	0.038	88.00	FLOOR
in space: L2B South Perim Spc (G.S10) APT6							
L2 Flr (G.S10) 3	0.000	0.00	0.038	88.00	0.038	88.00	FLOOR
in space: L2B South Perim Spc (G.S10) APT6							
L1 Flr (G.E18.I83)	0.000	0.00	0.038	38.25	0.038	38.25	FLOOR
in space: L1A East Perim Spc (G.E18) GSHF							
L1 Flr (G.W7.I47)	0.000	0.00	0.038	765.00	0.038	765.00	FLOOR
in space: L1B West Perim Spc (G.W7) APT1							
L1 Flr (G.C1.I1)	0.000	0.00	0.038	556.75	0.038	556.75	FLOOR
in space: L1A Core Spc (G.C1) STR							
L1 Flr (G.E19.I84)	0.000	0.00	0.038	1033.75	0.038	1033.75	FLOOR
in space: L1A East Perim Spc (G.E19) APT2							
P1 Flr (B.SE5.I6) \$X	0.000	0.00	0.038	238.00	0.038	238.00	FLOOR
in space: P1B SE Perim Spc (B.SE5) MECH							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

--- (CONTINUED) ---

P1 Flr (B.S6.I7) \$X	0.000	0.00	0.038	12847.50	0.038	12847.50	FLOOR
in space: P1B South Perim Spc (B.S6) PKG							
L2 Flr (G.SW20) 1	0.000	0.00	0.038	63.00	0.038	63.00	FLOOR
in space: L2A SW Perim Spc (G.SW20) RST							
L1 Flr (G.C20.I94)	0.000	0.00	0.038	27.00	0.038	27.00	FLOOR
in space: L1A Core Spc (G.C20) TSHF							
L2 Flr (G.E5) 1	0.000	0.00	0.038	284.00	0.038	284.00	FLOOR
in space: L2B East Perim Spc (G.E5) APT1							
L2 Flr (G.E5) 2	0.000	0.00	0.038	65.00	0.038	65.00	FLOOR
in space: L2B East Perim Spc (G.E5) APT1							
L1 Flr (G.E29) 1	0.000	0.00	0.038	429.50	0.038	429.50	FLOOR
in space: L1B East Perim Spc (G.E29) APT1							
L1 Flr (G.C21.I97)	0.000	0.00	0.038	54.00	0.038	54.00	FLOOR
in space: L1A Core Spc (G.C21) COR							
L1 Flr (G.C22.I101)	0.000	0.00	0.038	244.00	0.038	244.00	FLOOR
in space: L1A Core Spc (G.C22) COR							
L1 Flr (G.C23.I106)	0.000	0.00	0.038	65.00	0.038	65.00	FLOOR
in space: L1A Core Spc (G.C23) ELEC							
L1 Flr (G.NNE24.I107)	0.000	0.00	0.038	749.25	0.038	749.25	FLOOR
in space: L1A NNE Perim Spc (G.NNE24) APT1							
L1 Flr (G.C2.I12)	0.000	0.00	0.038	161.50	0.038	161.50	FLOOR
in space: L1A Core Spc (G.C2) ELV							
L1 Flr (G.C3.I14)	0.000	0.00	0.038	500.00	0.038	500.00	FLOOR
in space: L1B Core Spc (G.C3) STR							
P1 Flr (B.W7.I30) \$X	0.000	0.00	0.038	2435.00	0.038	2435.00	FLOOR
in space: P1A West Perim Spc (B.W7) TRSH							
L1 Flr (G.W8.I49)	0.000	0.00	0.038	654.50	0.038	654.50	FLOOR
in space: L1B West Perim Spc (G.W8) APT1							
L2 Flr (G.E23) 1	0.000	0.00	0.038	229.50	0.038	229.50	FLOOR
in space: L2B East Perim Spc (G.E23) APT1							
L8 Flr (G.NW11) 1	0.000	0.00	0.038	16.50	0.038	16.50	FLOOR
in space: L8A NW Perim Spc (G.NW11) APT1							
L2 Flr (G.E23) 2	0.000	0.00	0.038	55.00	0.038	55.00	FLOOR
in space: L2B East Perim Spc (G.E23) APT1							
L3 Flr (G.S10) 1	0.000	0.00	0.038	914.50	0.038	914.50	FLOOR
in space: L3B South Perim Spc (G.S10) APT7							
L8 Flr (G.NE12) 1	0.000	0.00	0.038	17.25	0.038	17.25	FLOOR
in space: L8A NE Perim Spc (G.NE12) APT1							
P1 Flr (B.NNW8.I34) \$X	0.000	0.00	0.038	1150.00	0.038	1150.00	FLOOR
in space: P1A NNW Perim Spc (B.NNW8) MECH							
L1 Flr (G.C4.I23)	0.000	0.00	0.038	869.00	0.038	869.00	FLOOR
in space: L1B Core Spc (G.C4) COR							
L3 Flr (G.W21) 1	0.000	0.00	0.038	867.75	0.038	867.75	FLOOR
in space: L3A West Perim Spc (G.W21) APT4							
P1 Roof (B.NNW8) 1	0.000	0.00	0.047	1150.00	0.047	1150.00	ROOF
in space: P1A NNW Perim Spc (B.NNW8) MECH							
L1 Roof (G.SSW15) 1	0.000	0.00	0.047	319.00	0.047	319.00	ROOF
in space: L1A SSW Perim Spc (G.SSW15) FIT							
P1 Roof (B.S6) 2	0.000	0.00	0.047	412.00	0.047	412.00	ROOF
in space: P1B South Perim Spc (B.S6) PKG							
L7 Roof (G.E5) 1	0.000	0.00	0.047	919.00	0.047	919.00	ROOF
in space: L7B East Perim Spc (G.E5) APT1							
L6 Roof (G.E19) 1	0.000	0.00	0.047	659.00	0.047	659.00	ROOF
in space: L6B East Perim Spc (G.E19) APT1							
P1 Roof (B.NNE9) 1	0.000	0.00	0.047	2027.75	0.047	2027.75	ROOF
in space: P1B NNE Perim Spc (B.NNE9) PKG							
L5 Roof (G.E19) 1	0.000	0.00	0.047	55.00	0.047	55.00	ROOF
in space: L5B East Perim Spc (G.E19) APT1							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L7 Roof (G.W6) 1	0.000	0.00	0.047	765.00	0.047	765.00	ROOF
in space: L7B West Perim Spc (G.W6) APT1							
P1 Roof (B.NE14) 1	0.000	0.00	0.047	80.00	0.047	80.00	ROOF
in space: P1B NE Perim Spc (B.NE14) APT1							
L7 Roof (G.W7) 1	0.000	0.00	0.047	654.50	0.047	654.50	ROOF
in space: L7B West Perim Spc (G.W7) APT1							
P1 Roof (B.NNE9) 2	0.000	0.00	0.047	345.00	0.047	345.00	ROOF
in space: P1B NNE Perim Spc (B.NNE9) PKG							
L7 Roof (G.SSW10) 1	0.000	0.00	0.047	3981.50	0.047	3981.50	ROOF
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 Roof (G.C11) 1	0.000	0.00	0.047	57.75	0.047	57.75	ROOF
in space: L7B Core Spc (G.C11) ELEC							
L7 Roof (G.E8) 1	0.000	0.00	0.047	628.50	0.047	628.50	ROOF
in space: L7B East Perim Spc (G.E8) APT1							
L6 Roof (G.N4) 1	0.000	0.00	0.047	65.00	0.047	65.00	ROOF
in space: L6B North Perim Spc (G.N4) APT4							
L6 Roof (G.N4) 2	0.000	0.00	0.047	65.00	0.047	65.00	ROOF
in space: L6B North Perim Spc (G.N4) APT4							
L7 Roof (G.W18) 1	0.000	0.00	0.047	108.00	0.047	108.00	ROOF
in space: L7A West Perim Spc (G.W18) APT2							
L6 Roof (G.N4) 3	0.000	0.00	0.047	65.00	0.047	65.00	ROOF
in space: L6B North Perim Spc (G.N4) APT4							
L6 Roof (G.N4) 4	0.000	0.00	0.047	65.00	0.047	65.00	ROOF
in space: L6B North Perim Spc (G.N4) APT4							
L7 Roof (G.SW19) 1	0.000	0.00	0.047	203.25	0.047	203.25	ROOF
in space: L7A SW Perim Spc (G.SW19) APT1							
L1 Roof (G.WNW25) 1	0.000	0.00	0.047	357.50	0.047	357.50	ROOF
in space: L1A WNW Perim Spc (G.WNW25) STO							
L7 Roof (G.E9) 1	0.000	0.00	0.047	789.00	0.047	789.00	ROOF
in space: L7B East Perim Spc (G.E9) APT1							
P1 Roof (B.S6) 3	0.000	0.00	0.047	776.00	0.047	776.00	ROOF
in space: P1B South Perim Spc (B.S6) PKG							
L7 Roof (G.NW21) 1	0.000	0.00	0.047	94.50	0.047	94.50	ROOF
in space: L7A NW Perim Spc (G.NW21) AMN							
P1 Roof (B.ENE10) 1	0.000	0.00	0.047	271.50	0.047	271.50	ROOF
in space: P1B ENE Perim Spc (B.ENE10) MECH							
L6 Roof (G.W21) 1	0.000	0.00	0.047	678.75	0.047	678.75	ROOF
in space: L6A West Perim Spc (G.W21) APT4							
P1 Roof (B.SE5) 1	0.000	0.00	0.047	182.00	0.047	182.00	ROOF
in space: P1B SE Perim Spc (B.SE5) MECH							
P1 Roof (B.W7) 1	0.000	0.00	0.047	473.50	0.047	473.50	ROOF
in space: P1A West Perim Spc (B.W7) TRSH							
L7 Roof (G.SSE23) 1	0.000	0.00	0.047	202.50	0.047	202.50	ROOF
in space: L7A SSE Perim Spc (G.SSE23) APT2							
L8 Roof (G.C1.E1) 1	0.000	0.00	0.047	161.50	0.047	161.50	ROOF
in space: L8A Core Spc (G.C1) ELV							
L5 Roof (G.N18) 1	0.000	0.00	0.047	55.00	0.047	55.00	ROOF
in space: L5A North Perim Spc (G.N18) APT3							
L8 Roof (G.E2.E3) 1	0.000	0.00	0.047	38.25	0.047	38.25	ROOF
in space: L8A East Perim Spc (G.E2) GSHF							
L6 Roof (G.E5) 1	0.000	0.00	0.047	65.00	0.047	65.00	ROOF
in space: L6B East Perim Spc (G.E5) APT1							
L8 Roof (G.E3.E5) 1	0.000	0.00	0.047	956.75	0.047	956.75	ROOF
in space: L8A East Perim Spc (G.E3) APT2							
L8 Roof (G.C4.E6) 1	0.000	0.00	0.047	27.00	0.047	27.00	ROOF
in space: L8A Core Spc (G.C4) TSHF							
L8 Roof (G.C5.E7) 1	0.000	0.00	0.047	54.00	0.047	54.00	ROOF
in space: L8A Core Spc (G.C5) TRSH							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

L8 Roof (G.C6.E8)	0.000	0.00	0.047	65.00	0.047	65.00	ROOF
in space: L8A Core Spc (G.C6) ELEC							
L8 Roof (G.C7.E9)	0.000	0.00	0.047	144.50	0.047	144.50	ROOF
in space: L8A Core Spc (G.C7) STR							
L6 Roof (G.SW22) 1	0.000	0.00	0.047	52.50	0.047	52.50	ROOF
in space: L6A SW Perim Spc (G.SW22) APT1							
L8 Roof (G.W8.E11)	0.000	0.00	0.047	891.00	0.047	891.00	ROOF
in space: L8A West Perim Spc (G.W8) APT2							
L6 Roof (G.C23) 1	0.000	0.00	0.047	276.25	0.047	276.25	ROOF
in space: L6A Core Spc (G.C23) COR							
L5 Roof (G.N18) 2	0.000	0.00	0.047	52.50	0.047	52.50	ROOF
in space: L5A North Perim Spc (G.N18) APT3							
L8 Roof (G.SW9.E14)	0.000	0.00	0.047	688.50	0.047	688.50	ROOF
in space: L8A SW Perim Spc (G.SW9) APT1							
L6 Roof (G.E13) 1	0.000	0.00	0.047	248.00	0.047	248.00	ROOF
in space: L6A East Perim Spc (G.E13) APT4							
L8 Roof (G.C10.E16)	0.000	0.00	0.047	749.50	0.047	749.50	ROOF
in space: L8A Core Spc (G.C10) COR							
L5 Roof (G.N18) 3	0.000	0.00	0.047	55.00	0.047	55.00	ROOF
in space: L5A North Perim Spc (G.N18) APT3							
L6 Roof (G.S24) 1	0.000	0.00	0.047	550.00	0.047	550.00	ROOF
in space: L6A South Perim Spc (G.S24) APT3							
L8 Roof (G.NW11.E19)	0.000	0.00	0.047	776.50	0.047	776.50	ROOF
in space: L8A NW Perim Spc (G.NW11) APT1							
L7 Roof (G.C2) 1	0.000	0.00	0.047	241.50	0.047	241.50	ROOF
in space: L7B Core Spc (G.C2) STR							
L5 Roof (G.NW17) 1	0.000	0.00	0.047	184.25	0.047	184.25	ROOF
in space: L5A NW Perim Spc (G.NW17) APT1							
L6 Roof (G.NW17) 1	0.000	0.00	0.047	731.25	0.047	731.25	ROOF
in space: L6A NW Perim Spc (G.NW17) APT1							
L8 Roof (G.NE12.E22)	0.000	0.00	0.047	948.75	0.047	948.75	ROOF
in space: L8A NE Perim Spc (G.NE12) APT1							
P1 Roof (B.S6) 1	0.000	0.00	0.047	2470.00	0.047	2470.00	ROOF
in space: P1B South Perim Spc (B.S6) PKG							
L7 Roof (G.N3) 1	0.000	0.00	0.047	1443.25	0.047	1443.25	ROOF
in space: L7B North Perim Spc (G.N3) COR							
L8 Roof (G.S13.E24)	0.000	0.00	0.047	540.00	0.047	540.00	ROOF
in space: L8A South Perim Spc (G.S13) APT1							
L6 Roof (G.N18) 1	0.000	0.00	0.047	1404.00	0.047	1404.00	ROOF
in space: L6A North Perim Spc (G.N18) APT3							
L7 Roof (G.N4) 1	0.000	0.00	0.047	2668.00	0.047	2668.00	ROOF
in space: L7B North Perim Spc (G.N4) APT4							
L8 Roof (G.SE14.E27)	0.000	0.00	0.047	540.00	0.047	540.00	ROOF
in space: L8A SE Perim Spc (G.SE14) APT1							
P2 Flr (B.C1.U1)	0.000	0.00	0.500	170.00	0.500	170.00	UNDERGRND
in space: P2A Core Spc (B.C1) STR							
P2 Flr (B.C2.U2)	0.000	0.00	0.500	161.50	0.500	161.50	UNDERGRND
in space: P2A Core Spc (B.C2) ELV							
P2 Flr (B.C3.U3)	0.000	0.00	0.033	237.50	0.033	237.50	UNDERGRND
in space: P2A Core Spc (B.C3) COR							
P2 Flr (B.C4.U4)	0.000	0.00	0.500	900.00	0.500	900.00	UNDERGRND
in space: P2B Core Spc (B.C4) MECH							
P2 Flr (B.C5.U5)	0.000	0.00	0.500	241.50	0.500	241.50	UNDERGRND
in space: P2B Core Spc (B.C5) STR							
P2 Flr (B.NW6.U6)	0.000	0.00	0.500	957.00	0.500	957.00	UNDERGRND
in space: P2B NW Perim Spc (B.NW6) XFMR							
P2 West Wall (B.NW6.U7) \$X	0.000	0.00	0.500	298.41	0.500	298.41	UNDERGRND
in space: P2B NW Perim Spc (B.NW6) XFMR							
P2 North Wall (B.NW6.U8) \$X	0.000	0.00	0.500	339.57	0.500	339.57	UNDERGRND
in space: P2B NW Perim Spc (B.NW6) XFMR							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

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

SURFACE	- - - W I N D O W S - - -		- - - - W A L L - - - -		- W A L L + W I N D O W S -		AZIMUTH
	U-VALUE	AREA	U-VALUE	AREA	U-VALUE	AREA	
	(BTU/HR-SQFT-F)	(SQFT)	(BTU/HR-SQFT-F)	(SQFT)	(BTU/HR-SQFT-F)	(SQFT)	
P2 Flr (B.C7.U9)	0.000	0.00	0.500	221.00	0.500	221.00	UNDERGRND
in space: P2A Core Spc (B.C7) STO							
P2 Flr (B.SE8.U10)	0.000	0.00	0.500	378.00	0.500	378.00	UNDERGRND
in space: P2B SE Perim Spc (B.SE8) MECH							
P2 East Wall (B.SE8.U11) \$X	0.000	0.00	0.500	216.09	0.500	216.09	UNDERGRND
in space: P2B SE Perim Spc (B.SE8) MECH							
P2 South Wall (B.SE8.U12) \$X	0.000	0.00	0.500	185.22	0.500	185.22	UNDERGRND
in space: P2B SE Perim Spc (B.SE8) MECH							
P2 Flr (B.NE9.U13)	0.000	0.00	0.500	414.00	0.500	414.00	UNDERGRND
in space: P2B NE Perim Spc (B.NE9) STO							
P2 North Wall (B.NE9.U14) \$X	0.000	0.00	0.500	185.22	0.500	185.22	UNDERGRND
in space: P2B NE Perim Spc (B.NE9) STO							
P2 East Wall (B.NE9.U15) \$X	0.000	0.00	0.500	236.67	0.500	236.67	UNDERGRND
in space: P2B NE Perim Spc (B.NE9) STO							
P2 Flr (B.S10.U16)	0.000	0.00	0.500	12495.50	0.500	12495.50	UNDERGRND
in space: P2B South Perim Spc (B.S10) PKG							
P2 South Wall (B.S10.U17) \$X	0.000	0.00	0.500	2387.28	0.500	2387.28	UNDERGRND
in space: P2B South Perim Spc (B.S10) PKG							
P2 East Wall (B.S10.U18) \$X	0.000	0.00	0.500	360.15	0.500	360.15	UNDERGRND
in space: P2B South Perim Spc (B.S10) PKG							
P2 West Wall (B.S10.U19) \$X	0.000	0.00	0.500	648.27	0.500	648.27	UNDERGRND
in space: P2B South Perim Spc (B.S10) PKG							
P2 Flr (B.NNE11.U20)	0.000	0.00	0.500	1885.00	0.500	1885.00	UNDERGRND
in space: P2B NNE Perim Spc (B.NNE11) ELEC							
P2 East Wall (B.NNE11.U21) \$X	0.000	0.00	0.500	164.64	0.500	164.64	UNDERGRND
in space: P2B NNE Perim Spc (B.NNE11) ELEC							
P2 North Wall (B.NNE11.U22) \$X	0.000	0.00	0.500	164.64	0.500	164.64	UNDERGRND
in space: P2B NNE Perim Spc (B.NNE11) ELEC							
P2 West Wall (B.NNE11.U23) \$X	0.000	0.00	0.500	61.74	0.500	61.74	UNDERGRND
in space: P2B NNE Perim Spc (B.NNE11) ELEC							
P2 Flr (B.NNE12.U24)	0.000	0.00	0.500	6201.00	0.500	6201.00	UNDERGRND
in space: P2B NNE Perim Spc (B.NNE12) PKG							
P2 East Wall (B.NNE12.U25) \$X	0.000	0.00	0.500	267.54	0.500	267.54	UNDERGRND
in space: P2B NNE Perim Spc (B.NNE12) PKG							
P2 North Wall (B.NNE12.U26) \$X	0.000	0.00	0.500	1203.93	0.500	1203.93	UNDERGRND
in space: P2B NNE Perim Spc (B.NNE12) PKG							
P2 Flr (B.NNW13.U27)	0.000	0.00	0.500	1518.00	0.500	1518.00	UNDERGRND
in space: P2A NNW Perim Spc (B.NNW13) PKG							
P2 North Wall (B.NNW13.U28) \$X	0.000	0.00	0.500	679.14	0.500	679.14	UNDERGRND
in space: P2A NNW Perim Spc (B.NNW13) PKG							
P2 West Wall (B.NNW13.U29) \$X	0.000	0.00	0.500	236.67	0.500	236.67	UNDERGRND
in space: P2A NNW Perim Spc (B.NNW13) PKG							
P1 East Wall (B.SE5.U1) \$X	0.000	0.00	0.500	170.00	0.500	170.00	UNDERGRND
in space: P1B SE Perim Spc (B.SE5) MECH							
P1 South Wall (B.SE5.U2) \$X	0.000	0.00	0.500	140.00	0.500	140.00	UNDERGRND
in space: P1B SE Perim Spc (B.SE5) MECH							
P1 South Wall (B.S6.U3) \$X	0.000	0.00	0.500	2360.00	0.500	2360.00	UNDERGRND
in space: P1B South Perim Spc (B.S6) PKG							
P1 East Wall (B.S6.U4) \$X	0.000	0.00	0.500	230.00	0.500	230.00	UNDERGRND
in space: P1B South Perim Spc (B.S6) PKG							
P1 West Wall (B.S6.U5) \$X	0.000	0.00	0.500	400.00	0.500	400.00	UNDERGRND
in space: P1B South Perim Spc (B.S6) PKG							
P1 West Wall (B.W7.U6)	0.000	0.00	0.500	580.00	0.500	580.00	UNDERGRND
in space: P1A West Perim Spc (B.W7) TRSH							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

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

SURFACE	- - - W I N D O W S - - -		- - - - W A L L - - -		- W A L L + W I N D O W S -		AZIMUTH
	U-VALUE	AREA	U-VALUE	AREA	U-VALUE	AREA	
	(BTU/HR-SQFT-F)	(SQFT)	(BTU/HR-SQFT-F)	(SQFT)	(BTU/HR-SQFT-F)	(SQFT)	
P1 West Wall (B.NNW8.U7) \$X	0.000	0.00	0.500	230.00	0.500	230.00	UNDERGRND
in space: P1A NNW Perim Spc (B.NNW8) MECH							
P1 North Wall (B.NNW8.U8) \$X	0.000	0.00	0.500	500.00	0.500	500.00	UNDERGRND
in space: P1A NNW Perim Spc (B.NNW8) MECH							
P1 East Wall (B.NNE9.U9) \$X	0.000	0.00	0.500	310.00	0.500	310.00	UNDERGRND
in space: P1B NNE Perim Spc (B.NNE9) PKG							
P1 North Wall (B.NNE9.U10) \$X	0.000	0.00	0.500	650.00	0.500	650.00	UNDERGRND
in space: P1B NNE Perim Spc (B.NNE9) PKG							
P1 North Wall (B.NNE9.U11) \$X	0.000	0.00	0.500	30.00	0.500	30.00	UNDERGRND
in space: P1B NNE Perim Spc (B.NNE9) PKG							
P1 North Wall (B.ENE10.U12)	0.000	0.00	0.500	110.00	0.500	110.00	UNDERGRND
in space: P1B ENE Perim Spc (B.ENE10) MECH							
P1 East Wall (B.ENE10.U13)	0.000	0.00	0.500	225.00	0.500	225.00	UNDERGRND
in space: P1B ENE Perim Spc (B.ENE10) MECH							
L1 East Slab (G.E10.S13)	0.000	0.00	0.500	18.76	0.500	18.76	UNDERGRND
in space: L1B East Perim Spc (G.E10) APT1							
L1 South Slab (G.S11.S16)	0.000	0.00	0.500	305.63	0.500	305.63	UNDERGRND
in space: L1B South Perim Spc (G.S11) APT5							
L1 South Slab (G.SSW13.S17)	0.000	0.00	0.500	23.45	0.500	23.45	UNDERGRND
in space: L1B SSW Perim Spc (G.SSW13) CONF							
L1 South Wall (G.SSW13.E17)	0.000	0.00	0.500	316.40	0.500	316.40	UNDERGRND
in space: L1B SSW Perim Spc (G.SSW13) CONF							
L1 West Slab (G.SSW13.S18)	0.000	0.00	0.500	4.69	0.500	4.69	UNDERGRND
in space: L1B SSW Perim Spc (G.SSW13) CONF							
L1 West Wall (G.SSW13.E18)	0.000	0.00	0.500	63.28	0.500	63.28	UNDERGRND
in space: L1B SSW Perim Spc (G.SSW13) CONF							
L1 South Slab (G.SSW15.S19)	0.000	0.00	0.500	33.50	0.500	33.50	UNDERGRND
in space: L1A SSW Perim Spc (G.SSW15) FIT							
L1 South Wall (G.SSW15.E19)	0.000	0.00	0.500	452.00	0.500	452.00	UNDERGRND
in space: L1A SSW Perim Spc (G.SSW15) FIT							
L1 East Slab (G.SSW15.S20)	0.000	0.00	0.500	8.38	0.500	8.38	UNDERGRND
in space: L1A SSW Perim Spc (G.SSW15) FIT							
L1 East Wall (G.SSW15.E20)	0.000	0.00	0.500	113.00	0.500	113.00	UNDERGRND
in space: L1A SSW Perim Spc (G.SSW15) FIT							
L1 South Slab (G.SSW15.S21)	0.000	0.00	0.500	5.36	0.500	5.36	UNDERGRND
in space: L1A SSW Perim Spc (G.SSW15) FIT							
L1 South Wall (G.SSW15.E21)	0.000	0.00	0.500	72.32	0.500	72.32	UNDERGRND
in space: L1A SSW Perim Spc (G.SSW15) FIT							
L1 West Slab (G.SSW15.S22)	0.000	0.00	0.500	19.43	0.500	19.43	UNDERGRND
in space: L1A SSW Perim Spc (G.SSW15) FIT							
L1 West Wall (G.SSW15.E22)	0.000	0.00	0.500	262.16	0.500	262.16	UNDERGRND
in space: L1A SSW Perim Spc (G.SSW15) FIT							
L1 South Slab (G.S17.S23)	0.000	0.00	0.500	31.49	0.500	31.49	UNDERGRND
in space: L1A South Perim Spc (G.S17) LOB							
L1 South Wall (G.S17.E23)	0.000	0.00	0.500	424.88	0.500	424.88	UNDERGRND
in space: L1A South Perim Spc (G.S17) LOB							
L1 West Slab (G.WNW25.S31) \$X	0.000	0.00	0.500	21.11	0.500	21.11	UNDERGRND
in space: L1A WNW Perim Spc (G.WNW25) STO							
L1 West Wall (G.WNW25.E31) \$X	0.000	0.00	0.500	284.76	0.500	284.76	UNDERGRND
in space: L1A WNW Perim Spc (G.WNW25) STO							
L1 North Slab (G.WNW25.S32) \$X	0.000	0.00	0.500	9.38	0.500	9.38	UNDERGRND
in space: L1A WNW Perim Spc (G.WNW25) STO							
L1 North Wall (G.WNW25.E32) \$X	0.000	0.00	0.500	126.56	0.500	126.56	UNDERGRND
in space: L1A WNW Perim Spc (G.WNW25) STO							

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)	
L1 West Slab (G.WNW25.S33) \$X	0.000	0.00	0.500	21.77	0.500	21.77	UNDERGRND
in space: L1A WNW Perim Spc (G.WNW25) STO							
L1 West Wall (G.WNW25.E33) \$X	0.000	0.00	0.500	293.80	0.500	293.80	UNDERGRND
in space: L1A WNW Perim Spc (G.WNW25) STO							

REPORT- LV-D Details of Exterior Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

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

	AVERAGE U-VALUE/WINDOWS (BTU/HR-SQFT-F)	AVERAGE U-VALUE/WALLS (BTU/HR-SQFT-F)	AVERAGE U-VALUE WALLS+WINDOWS (BTU/HR-SQFT-F)	WINDOW AREA (SQFT)	WALL AREA (SQFT)	WINDOW+WALL AREA (SQFT)
NORTH	0.403	0.068	0.138	3836.00	14621.93	18457.93
EAST	0.411	0.069	0.179	7176.42	15059.55	22235.99
SOUTH	0.411	0.069	0.183	5794.50	11557.55	17352.07
WEST	0.406	0.070	0.189	8825.36	16149.72	24975.07
FLOOR	0.000	0.038	0.038	0.00	53373.25	53373.25
ROOF	0.000	0.047	0.047	0.00	33528.25	33528.25
ALL WALLS	0.408	0.069	0.174	25632.38	57388.71	83021.05
WALLS+ROOFS	0.408	0.061	0.137	25632.38	90916.97	116549.30
UNDERGRND	0.000	0.497	0.497	0.00	42262.29	42262.29
BUILDING	0.408	0.153	0.184	25632.38	186552.52	212184.84

REPORT- LV-E Details of Underground Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

NUMBER OF UNDERGROUND SURFACES 64

SURFACE NAME	MULTIPLIER	AREA (SQFT)	CONSTRUCTION NAME	U-VALUE (BTU/HR-SQFT-F)
P2 Flr (B.C1.U1)	1.0	170.00	Below-Grade Wall Const	0.500
P2 Flr (B.C2.U2)	1.0	161.50	Below-Grade Wall Const	0.500
P2 Flr (B.C3.U3)	1.0	237.50	Proposed ALL Joist Floor Const	0.033
P2 Flr (B.C4.U4)	1.0	900.00	Below-Grade Wall Const	0.500
P2 Flr (B.C5.U5)	1.0	241.50	Below-Grade Wall Const	0.500
P2 Flr (B.NW6.U6)	1.0	957.00	Below-Grade Wall Const	0.500
P2 West Wall (B.NW6.U7) \$X	1.0	298.41	Below-Grade Wall Const	0.500
P2 North Wall (B.NW6.U8) \$X	1.0	339.57	Below-Grade Wall Const	0.500
P2 Flr (B.C7.U9)	1.0	221.00	Below-Grade Wall Const	0.500
P2 Flr (B.SE8.U10)	1.0	378.00	Below-Grade Wall Const	0.500
P2 East Wall (B.SE8.U11) \$X	1.0	216.09	Below-Grade Wall Const	0.500
P2 South Wall (B.SE8.U12) \$X	1.0	185.22	Below-Grade Wall Const	0.500
P2 Flr (B.NE9.U13)	1.0	414.00	Below-Grade Wall Const	0.500
P2 North Wall (B.NE9.U14) \$X	1.0	185.22	Below-Grade Wall Const	0.500
P2 East Wall (B.NE9.U15) \$X	1.0	236.67	Below-Grade Wall Const	0.500
P2 Flr (B.S10.U16)	1.0	12495.50	Below-Grade Wall Const	0.500
P2 South Wall (B.S10.U17) \$X	1.0	2387.28	Below-Grade Wall Const	0.500
P2 East Wall (B.S10.U18) \$X	1.0	360.15	Below-Grade Wall Const	0.500
P2 West Wall (B.S10.U19) \$X	1.0	648.27	Below-Grade Wall Const	0.500
P2 Flr (B.NNE11.U20)	1.0	1885.00	Below-Grade Wall Const	0.500
P2 East Wall (B.NNE11.U21) \$X	1.0	164.64	Below-Grade Wall Const	0.500
P2 North Wall (B.NNE11.U22) \$X	1.0	164.64	Below-Grade Wall Const	0.500
P2 West Wall (B.NNE11.U23) \$X	1.0	61.74	Below-Grade Wall Const	0.500
P2 Flr (B.NNE12.U24)	1.0	6201.00	Below-Grade Wall Const	0.500
P2 East Wall (B.NNE12.U25) \$X	1.0	267.54	Below-Grade Wall Const	0.500
P2 North Wall (B.NNE12.U26) \$X	1.0	1203.93	Below-Grade Wall Const	0.500
P2 Flr (B.NNW13.U27)	1.0	1518.00	Below-Grade Wall Const	0.500
P2 North Wall (B.NNW13.U28) \$X	1.0	679.14	Below-Grade Wall Const	0.500
P2 West Wall (B.NNW13.U29) \$X	1.0	236.67	Below-Grade Wall Const	0.500
P1 East Wall (B.SE5.U1) \$X	1.0	170.00	Below-Grade Wall Const	0.500
P1 South Wall (B.SE5.U2) \$X	1.0	140.00	Below-Grade Wall Const	0.500
P1 South Wall (B.S6.U3) \$X	1.0	2360.00	Below-Grade Wall Const	0.500
P1 East Wall (B.S6.U4) \$X	1.0	230.00	Below-Grade Wall Const	0.500
P1 West Wall (B.S6.U5) \$X	1.0	400.00	Below-Grade Wall Const	0.500
P1 West Wall (B.W7.U6)	1.0	580.00	Below-Grade Wall Const	0.500
P1 West Wall (B.NNW8.U7) \$X	1.0	230.00	Below-Grade Wall Const	0.500
P1 North Wall (B.NNW8.U8) \$X	1.0	500.00	Below-Grade Wall Const	0.500
P1 East Wall (B.NNE9.U9) \$X	1.0	310.00	Below-Grade Wall Const	0.500
P1 North Wall (B.NNE9.U10) \$X	1.0	650.00	Below-Grade Wall Const	0.500
P1 North Wall (B.NNE9.U11) \$X	1.0	30.00	Below-Grade Wall Const	0.500
P1 North Wall (B.ENE10.U12)	1.0	110.00	Below-Grade Wall Const	0.500
P1 East Wall (B.ENE10.U13)	1.0	225.00	Below-Grade Wall Const	0.500
L1 East Slab (G.E10.S13)	1.0	18.76	Below-Grade Wall Const	0.500
L1 South Slab (G.S11.S16)	1.0	305.63	Below-Grade Wall Const	0.500
L1 South Slab (G.SSW13.S17)	1.0	23.45	Below-Grade Wall Const	0.500
L1 South Wall (G.SSW13.E17)	1.0	316.40	Below-Grade Wall Const	0.500
L1 West Slab (G.SSW13.S18)	1.0	4.69	Below-Grade Wall Const	0.500
L1 West Wall (G.SSW13.E18)	1.0	63.28	Below-Grade Wall Const	0.500
L1 South Slab (G.SSW15.S19)	1.0	33.50	Below-Grade Wall Const	0.500
L1 South Wall (G.SSW15.E19)	1.0	452.00	Below-Grade Wall Const	0.500
L1 East Slab (G.SSW15.S20)	1.0	8.38	Below-Grade Wall Const	0.500
L1 East Wall (G.SSW15.E20)	1.0	113.00	Below-Grade Wall Const	0.500

REPORT- LV-E Details of Underground Surfaces

WEATHER FILE- SEATTLE BOEING FI WA

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

SURFACE NAME	MULTIPLIER	AREA (SQFT)	CONSTRUCTION NAME	U-VALUE (BTU/HR-SQFT-F)
L1 South Slab (G.SSW15.S21)	1.0	5.36	Below-Grade Wall Const	0.500
L1 South Wall (G.SSW15.E21)	1.0	72.32	Below-Grade Wall Const	0.500
L1 West Slab (G.SSW15.S22)	1.0	19.43	Below-Grade Wall Const	0.500
L1 West Wall (G.SSW15.E22)	1.0	262.16	Below-Grade Wall Const	0.500
L1 South Slab (G.S17.S23)	1.0	31.49	Below-Grade Wall Const	0.500
L1 South Wall (G.S17.E23)	1.0	424.88	Below-Grade Wall Const	0.500
L1 West Slab (G.WNW25.S31) \$X	1.0	21.11	Below-Grade Wall Const	0.500
L1 West Wall (G.WNW25.E31) \$X	1.0	284.76	Below-Grade Wall Const	0.500
L1 North Slab (G.WNW25.S32) \$X	1.0	9.38	Below-Grade Wall Const	0.500
L1 North Wall (G.WNW25.E32) \$X	1.0	126.56	Below-Grade Wall Const	0.500
L1 West Slab (G.WNW25.S33) \$X	1.0	21.77	Below-Grade Wall Const	0.500
L1 West Wall (G.WNW25.E33) \$X	1.0	293.80	Below-Grade Wall Const	0.500

NUMBER OF SCHEDULES 175

Schedule: Misc Fans kW Sch Type of Schedule: FRACTION

THROUGH 31 12

		FOR DAYS																											
		SUN	MON	TUE	WED	THU	FRI	SAT	HOL																				
HO	UR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

Schedule: T24 Nonres Heating Ann Type of Schedule: TEMPERATURE

THROUGH 31 12

		FOR DAYS																									
		SUN	SAT	HOL																							
HO	UR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
		60.0	60.0	60.0	60.0	60.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0

		FOR DAYS																										
		MON	TUE	WED	THU	FRI	HDD	CDD																				
HO	UR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
		60.0	60.0	60.0	60.0	60.0	65.0	65.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	65.0	60.0	60.0	60.0	60.0	60.0	60.0		

Schedule: T24 Nonres Cooling Ann Type of Schedule: TEMPERATURE

THROUGH 31 12

		FOR DAYS																									
		SUN	MON	TUE	WED	THU	FRI	SAT	HOL																		
HO	UR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
		77.0	77.0	77.0	77.0	77.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0

Schedule: T24 Nonres Lights Ann Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN HOL																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.10	0.10	0.10	0.10	0.10	0.10	0.10

FOR DAYS		MON TUE WED THU FRI																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.10	0.10	0.10	0.10	0.10	0.20	0.40	0.70	0.90	0.90	0.90	0.85	0.85	0.90	0.90	0.90	0.90	0.80	0.35	0.10	0.10	0.10	0.10	0.10

FOR DAYS		SAT																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.10	0.10	0.10	0.10	0.10	0.20	0.40	0.70	0.90	0.90	0.90	0.85	0.85	0.50	0.50	0.20	0.15	0.80	0.35	0.10	0.10	0.10	0.10	0.10

FOR DAYS		HDD																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FOR DAYS		CDD																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: T24 Nonres Equipment Ann

Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN HOL																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.15	0.15	0.15	0.15	0.15	0.15	0.15

FOR DAYS		MON TUE WED THU FRI																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.15	0.15	0.15	0.15	0.15	0.20	0.35	0.60	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.65	0.45	0.30	0.20	0.20	0.15	0.15	0.15

		FOR DAYS SAT																							
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.20	0.25	0.25	0.25	0.25	0.25	0.25	0.20	0.20	0.20	0.15	0.15	0.15	0.15	0.15	0.15	0.15	

FOR DAYS		HDD																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FOR DAYS		CDD																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: T24 Nonres Fans Ann

Type of Schedule: ON/OFF

THROUGH 31 12

FOR DAYS		SUN HOL																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

FOR DAYS		MON	TUE	WED	THU	FRI	HDD	CDD																
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	

		FOR DAYS SAT																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.

Schedule: T24 Nonres Infiltration Ann

Type of Schedule: FRACTION

THROUGH 31 12

WEATHER FILE- SEATTLE BOEING FI WA

-- (CONTINUED) -----

[illegible]

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00

[illegible]

Schedule: T24 Nonres People Ann Type of Schedule: FRACTION

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.00	0.00

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.05	0.10	0.25	0.65	0.65	0.65	0.65	0.60	0.60	0.65	0.65	0.65	0.65	0.40	0.25	0.10	0.05	0.05	0.05	0.00

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.05	0.05	0.05	0.00	0.00	0.00	0.00

[illegible]

WEATHER FILE- SEATTLE BOEING FI WA

-- (CONTINUED) -----

[illegible]

THROUGH 31 12

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.10	0.10	0.50	0.50	0.50	0.50	0.70	0.90	0.90	0.50	0.50	0.70	0.50	0.50	0.50	0.10	0.10	0.10	0.10	0.00

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.10	0.10	0.10	0.00	0.00	0.00	0.00

THROUGH 31 12

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.50	0.50	0.50	0.50	0.30	0.50	0.50	0.50	0.30	0.10	0.30	0.30	0.30	0.10	0.05	0.05

[illegible]

FOR DAYS CDD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: T24 Hotel Infiltration Ann Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS SUN MON TUE WED THU FRI SAT HOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00

Schedule: T24 Hotel People Ann Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS SUN MON TUE WED THU FRI SAT HOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.35	0.90	0.90	0.90	0.25	0.90	0.90	0.90	0.50	0.25	0.50	0.50	0.50	0.10	0.00	0.00

FOR DAYS HDD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FOR DAYS CDD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: T24 Hotel Hot Water Ann Type of Schedule: FRACTION

THROUGH 31 12

		FOR DAYS																									
		SUN	MON	TUE	WED	THU	FRI	SAT	HOL																		
HOURL		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
		0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.40	0.40	0.60	0.60	0.60	0.90	0.60	0.60	0.60	0.60	0.40	0.50	0.50	0.50	0.10	0.00	0.00		

Schedule: T24 Res Setback Heating Ann Type of Schedule: TEMPERATURE

THROUGH 31 12

		FOR DAYS																									
		SUN	MON	TUE	WED	THU	FRI	SAT	HOL																		
HOURL		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
		70.0	70.0	70.0	70.0	70.0	70.0	70.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	70.0		

Schedule: T24 Res Setback Cooling Ann Type of Schedule: TEMPERATURE

THROUGH 31 12

		FOR DAYS																										
		SUN	MON	TUE	WED	THU	FRI	SAT	HOL																			
HOURL		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
		78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	75.0	75.0	75.0	75.0	75.0	75.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0		

Schedule: T24 Res no Setback Heating Ann Type of Schedule: TEMPERATURE

THROUGH 31 12

		FOR DAYS																										
		SUN	MON	TUE	WED	THU	FRI	SAT	HOL																			
HOURL		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
		68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0		

Schedule: T24 Res no Setback Cooling Ann Type of Schedule: TEMPERATURE

THROUGH 31 12

WEATHER FILE- SEATTLE BOEING FI WA

-- (CONTINUED) -----

[illegible]

THROUGH 31 12

HOURLY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.10	0.10	0.10	0.10	0.10	0.30	0.45	0.45	0.45	0.45	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.60	0.80	0.90	0.80	0.60	0.30

[illegible][illegible]

THROUGH 31 12

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.10	0.10	0.10	0.10	0.10	0.30	0.45	0.45	0.45	0.45	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.60	0.60	0.80	0.90	0.80	0.60	0.30

[illegible]

WEATHER FILE- SEATTLE BOEING FI WA

-- (CONTINUED) -----

[illegible]

THROUGH 31 12

[illegible]

THROUGH 31 12

[illegible]

THROUGH 31 12

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.90	0.40	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.30	0.60	0.90	0.90	0.90	1.00	1.00

[illegible]

FOR DAYS CDD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: T24 Res Hot Water Ann Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS SUN MON TUE WED THU FRI SAT HOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.01	0.01	0.01	0.01	0.02	0.04	0.09	0.11	0.09	0.07	0.05	0.04	0.04	0.03	0.03	0.03	0.04	0.05	0.05	0.05	0.04	0.04	0.04	0.02

Schedule: T24 Retail Heating Ann Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS SUN MON TUE WED THU FRI SAT HOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
60.0	60.0	60.0	60.0	60.0	63.0	65.0	68.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	65.0	65.0	65.0	65.0	60.0

Schedule: T24 Retail Cooling Ann Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS SUN MON TUE WED THU FRI SAT HOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
80.0	80.0	80.0	80.0	80.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	80.0	80.0	80.0

Schedule: T24 Retail Lights Ann Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.20	0.20	0.20	0.20	0.20	0.30	0.40	0.65	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.80	0.65	0.50	0.35	0.25

FOR DAYS		HDD																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FOR DAYS		CDD																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: T24 Retail Equipment Ann Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.20	0.20	0.20	0.20	0.20	0.25	0.30	0.45	0.60	0.75	0.75	0.75	0.70	0.75	0.75	0.75	0.75	0.75	0.65	0.55	0.45	0.35	0.25	0.20

FOR DAYS		HDD																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FOR DAYS		CDD																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: T24 Retail Fans Ann Type of Schedule: ON/OFF

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.

Schedule: T24 Retail Infiltration Ann Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00

Schedule: T24 Retail People Ann Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.05	0.05	0.05	0.05	0.05	0.05	0.15	0.25	0.40	0.55	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.65	0.50	0.35	0.20	0.10	0.05

FOR DAYS		HDD																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FOR DAYS		CDD																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: T24 Retail Hot Water Ann Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.50	0.50	0.70	0.90	0.90	0.50	0.50	0.70	0.50	0.50	0.50	0.10	0.10	0.00	0.00	0.00

Schedule: ASHRAE Assembly Occupancy Ann Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN	HOL																					
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FOR DAYS		MON	TUE	WED	THU	FRI																		
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.20	0.20	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.20	0.20	0.20	0.20	0.10	0.00

FOR DAYS		SAT																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.20	0.20	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.80	0.10	0.00

FOR DAYS		HDD																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FOR DAYS		CDD																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: ASHRAE Assembly Lighting Ann Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN HOL																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.30	0.30	0.30	0.30	0.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.05	0.05

FOR DAYS		MON TUE WED THU FRI																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.05	0.05	0.05	0.05	0.05	0.05	0.40	0.40	0.40	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.25	0.05

FOR DAYS		SAT																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.30	0.30	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.05

FOR DAYS		HDD																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FOR DAYS		CDD																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: ASHRAE Assembly HVAC Ann

Type of Schedule: ON/OFF

THROUGH 31 12

FOR DAYS		SUN SAT HOL																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.

FOR DAYS		MON TUE WED THU FRI HDD CDD																						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	

Schedule: ASHRAE Assembly Hot Water Ann

Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN		HOL																				
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.30	0.00	0.00	0.00

FOR DAYS		MON		TUE		WED		THU		FRI		HDD		CDD										
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.35	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00

		FOR DAYS												SAT										
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.30	0.00	0.00	0.00

Schedule: ASHRAE Assembly Heating Ann Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS		SUN		SAT		HOL																		
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	60.0	60.0	60.0	60.0	60.0	60.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	60.0

FOR DAYS		MON		TUE		WED		THU		FRI		HDD		CDD										
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	60.0	60.0	60.0	60.0	60.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	60.0

Schedule: ASHRAE Assembly Cooling Ann Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS		SUN	SAT	HOL																					
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
	95.0	95.0	95.0	95.0	95.0	95.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	95.0	

FOR DAYS		MON	TUE	WED	THU	FRI	HDD	CDD																
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	95.0	95.0	95.0	95.0	95.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	95.0

Schedule: ASHRAE Health Occupancy Ann

Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN	HOL																					
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FOR DAYS		MON	TUE	WED	THU	FRI																		
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.50	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.50	0.30	0.30	0.20	0.20	0.00	0.00

FOR DAYS		SAT																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.30	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.10	0.30	0.00	0.20	0.20	0.00	0.00

FOR DAYS		HDD																							
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

FOR DAYS		CDD																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: ASHRAE Health Lighting Ann

Type of Schedule: FRACTION

THROUGH 31 12

		FOR DAYS		SUN	SAT																							
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10		

		FOR DAYS		MON	TUE	WED	THU	FRI																		
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.50	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.10	0.10

		FOR DAYS		HOL																								
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05		

		FOR DAYS HDD																							
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

		FOR DAYS		CDD																								
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		

Schedule: ASHRAE Health HVAC Ann

Type of Schedule: ON/OFF

THROUGH 31 12

		FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.

Schedule: ASHRAE Health Hot Water Ann

Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN SAT																							
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.20	0.28	0.30	0.30	0.24	0.24	0.23	0.23	0.23	0.10	0.01	0.01	0.01	0.01	0.01	0.01	

FOR DAYS		MON TUE WED THU FRI HDD CDD																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.17	0.58	0.66	0.78	0.82	0.71	0.82	0.78	0.74	0.63	0.41	0.18	0.18	0.18	0.10	0.01	0.01

FOR DAYS		HOL																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01

Schedule: ASHRAE Health Elevator Ann Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN HOL																						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

FOR DAYS		MON TUE WED THU FRI HDD CDD																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.75	1.00	1.00	1.00	0.75	1.00	1.00	1.00	1.00	1.00	0.52	0.52	0.52	0.28	0.00	0.00

FOR DAYS		SAT																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.46	0.70	0.70	0.70	0.51	0.51	0.51	0.51	0.51	0.25	0.02	0.00	0.00	0.00	0.00	0.00

Schedule: ASHRAE Health Heating Ann Type of Schedule: TEMPERATURE

THROUGH 31 12

WEATHER FILE- SEATTLE BOEING FI WA

-- (CONTINUED) -----

[illegible]

THROUGH 31 12

[illegible]

THROUGH 31 12

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.50	0.50	0.50	0.30	0.30	0.20	0.20	0.20	0.30	0.40	0.40	0.60	0.60	0.80	0.80	0.80

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.90	0.90	0.90	0.90	0.90	0.90	0.70	0.40	0.40	0.20	0.20	0.20	0.20	0.20	0.20	0.30	0.50	0.50	0.50	0.70	0.70	0.80	0.90	0.90

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.70	0.50	0.50	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.50	0.60	0.60	0.60	0.70	0.70	0.70

[illegible]

FOR DAYS CDD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: ASHRAE Homotel Lighting Ann Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS SUN HOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.30	0.30	0.20	0.20	0.20	0.20	0.30	0.40	0.40	0.30	0.30	0.30	0.30	0.20	0.20	0.20	0.20	0.20	0.50	0.70	0.80	0.60	0.50	0.30

FOR DAYS MON TUE WED THU FRI

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.20	0.15	0.10	0.10	0.10	0.20	0.40	0.50	0.40	0.40	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.60	0.80	0.90	0.80	0.60	0.30

FOR DAYS SAT

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.20	0.20	0.10	0.10	0.10	0.10	0.30	0.30	0.40	0.40	0.30	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.60	0.70	0.70	0.70	0.60	0.30

FOR DAYS HDD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FOR DAYS CDD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: ASHRAE Homotel HVAC Ann Type of Schedule: ON/OFF

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	

Schedule: ASHRAE Homotel Hot Water Ann Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN	HOL																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.25	0.20	0.20	0.20	0.20	0.30	0.50	0.50	0.50	0.55	0.50	0.40	0.40	0.30	0.30	0.30	0.40	0.40	0.50	0.40	0.40	0.50	0.40	0.20

FOR DAYS		MON	TUE	WED	THU	FRI	HDD	CDD															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.20	0.15	0.15	0.15	0.20	0.25	0.50	0.60	0.55	0.45	0.40	0.45	0.40	0.35	0.30	0.30	0.30	0.40	0.55	0.60	0.50	0.55	0.45	0.25

FOR DAYS		SAT																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.20	0.15	0.15	0.15	0.20	0.25	0.40	0.50	0.50	0.50	0.45	0.50	0.50	0.45	0.40	0.40	0.35	0.40	0.55	0.55	0.50	0.55	0.40	0.30

Schedule: ASHRAE Homotel Elevator Ann Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN	HOL																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.55	0.55	0.43	0.43	0.43	0.43	0.52	0.52	0.65	0.65	0.53	0.60	0.53	0.51	0.50	0.44	0.64	0.62	0.65	0.63	0.63	0.40	0.40	0.40

FOR DAYS		MON	TUE	WED	THU	FRI	HDD	CDD															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.40	0.33	0.33	0.33	0.33	0.33	0.42	0.42	0.52	0.52	0.40	0.51	0.51	0.51	0.51	0.51	0.63	0.80	0.86	0.70	0.70	0.70	0.45	0.45

FOR DAYS SAT

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.44	0.35	0.35	0.35	0.35	0.35	0.40	0.32	0.45	0.45	0.42	0.60	0.65	0.65	0.65	0.65	0.65	0.75	0.80	0.80	0.75	0.55	0.55	0.55

Schedule: ASHRAE Homotel Heating Ann Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS SUN MON TUE WED THU FRI SAT HOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0

Schedule: ASHRAE Homotel Cooling Ann Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS SUN MON TUE WED THU FRI SAT HOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0

Schedule: ASHRAE Lt Manf Occupancy Ann Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS SUN HOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00

FOR DAYS MON TUE WED THU FRI

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.20	0.95	0.95	0.95	0.95	0.50	0.95	0.95	0.95	0.30	0.30	0.10	0.10	0.10	0.05	0.05	0.05

WEATHER FILE- SEATTLE BOEING FI WA

-- (CONTINUED) -----

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.30	0.30	0.30	0.30	0.10	0.10	0.10	0.10	0.10	0.05	0.05	0.00	0.00	0.00	0.00	0.00

[illegible][illegible]

Schedule: ASHRAE Lt Manf Lighting Ann Type of Schedule: FRACTION

THROUGH 31 12

[illegible]

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.05	0.05	0.05	0.05	0.05	0.10	0.10	0.30	0.90	0.90	0.90	0.90	0.80	0.90	0.90	0.90	0.90	0.50	0.30	0.30	0.20	0.20	0.10	0.05

[illegible][illegible]

FOR DAYS CDD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: ASHRAE Lt Manf HVAC AnnType of Schedule: ON/OFF

THROUGH 31 12

FOR DAYS SUN HOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

FOR DAYS MON TUE WED THU FRI HDD CDD

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	

FOR DAYS SAT

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.	0.

Schedule: ASHRAE Lt Manf Hot Water AnnType of Schedule: FRACTION

THROUGH 31 12

FOR DAYS SUN HOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.04	0.04	0.04	0.04	0.04	0.07	0.04	0.04	0.04	0.04	0.04	0.06	0.06	0.09	0.06	0.04	0.04	0.04	0.04	0.04	0.04	0.07	0.04	0.04

FOR DAYS MON TUE WED THU FRI HDD CDD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.05	0.05	0.05	0.05	0.05	0.08	0.07	0.19	0.35	0.38	0.39	0.47	0.57	0.54	0.34	0.33	0.44	0.26	0.21	0.15	0.17	0.08	0.05	0.05

WEATHER FILE- SEATTLE BOEING FI WA

-- (CONTINUED) -----

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.05	0.05	0.05	0.05	0.05	0.08	0.07	0.11	0.15	0.21	0.19	0.23	0.20	0.19	0.15	0.12	0.14	0.07	0.07	0.07	0.07	0.09	0.05	0.05

THROUGH 31 12

[illegible]

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.69	0.43	0.37	0.43	0.58	0.48	0.37	0.37	0.46	0.62	0.20	0.12	0.04	0.04	0.00	0.00

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.14	0.21	0.18	0.25	0.21	0.13	0.08	0.04	0.05	0.06	0.00	0.00	0.00	0.00	0.00	0.00

THROUGH 31 12

[illegible][illegible]

FOR DAYS SAT

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
60.0	60.0	60.0	60.0	60.0	60.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	95.0	95.0	60.0	60.0	60.0	60.0	60.0	60.0

Schedule: ASHRAE Lt Manf Cooling Ann Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS SUN HOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0

FOR DAYS MON TUE WED THU FRI HDD CDD

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	95.0	95.0	95.0	95.0	95.0	95.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	95.0	95.0	

FOR DAYS SAT

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	95.0	95.0	95.0	95.0	95.0	95.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	95.0	95.0	95.0	95.0	95.0	95.0

Schedule: ASHRAE Office Occupancy Ann Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS SUN HOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00

FOR DAYS MON TUE WED THU FRI

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.20	0.95	0.95	0.95	0.95	0.50	0.95	0.95	0.95	0.95	0.30	0.10	0.10	0.10	0.10	0.05	0.05

FOR DAYS		SAT																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.30	0.30	0.30	0.30	0.10	0.10	0.10	0.10	0.10	0.05	0.05	0.00	0.00	0.00	0.00	0.00

FOR DAYS		HDD CDD																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Schedule: ASHRAE Office Lighting Ann

Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN HOL																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05

FOR DAYS		MON TUE WED THU FRI																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.05	0.05	0.05	0.05	0.05	0.10	0.10	0.30	0.90	0.90	0.90	0.90	0.80	0.90	0.90	0.90	0.90	0.50	0.30	0.30	0.20	0.20	0.10	0.05

FOR DAYS		SAT																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.05	0.05	0.05	0.05	0.05	0.05	0.10	0.10	0.30	0.30	0.30	0.30	0.15	0.15	0.15	0.15	0.15	0.05	0.05	0.05	0.05	0.05	0.05	0.05

FOR DAYS		HDD																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FOR DAYS		CDD																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: ASHRAE Office HVAC Ann

Type of Schedule: ON/OFF

THROUGH 31 12

FOR DAYS		SUN HOL																							
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
FOR DAYS		MON TUE WED THU FRI HDD CDD																							
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	
FOR DAYS		SAT																							
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.	0.	

Schedule: ASHRAE Office Hot Water Ann Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN		HOL																				
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.04	0.04	0.04	0.04	0.04	0.07	0.04	0.04	0.04	0.04	0.04	0.06	0.06	0.09	0.06	0.04	0.04	0.04	0.04	0.04	0.04	0.07	0.04	0.04
FOR DAYS		MON	TUE	WED	THU	FRI	HDD	CDD																
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.05	0.05	0.05	0.05	0.05	0.08	0.07	0.19	0.35	0.38	0.39	0.47	0.57	0.54	0.34	0.33	0.44	0.26	0.21	0.15	0.17	0.08	0.05	0.05
FOR DAYS		SAT																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.05	0.05	0.05	0.05	0.05	0.08	0.07	0.11	0.15	0.21	0.19	0.23	0.20	0.19	0.15	0.12	0.14	0.07	0.07	0.07	0.07	0.09	0.05	0.05

Schedule: ASHRAE Office Elevator Ann Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN HOL																							
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

FOR DAYS		MON	TUE	WED	THU	FRI	HDD	CDD																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.69	0.43	0.37	0.43	0.58	0.48	0.37	0.37	0.46	0.62	0.20	0.12	0.04	0.04	0.00	0.00	

FOR DAYS		SAT																						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.14	0.21	0.18	0.25	0.21	0.13	0.08	0.04	0.05	0.06	0.00	0.00	0.00	0.00	0.00	0.00	

Schedule: ASHRAE Office Heating Ann Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS		SUN HOL																						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	

FOR DAYS		MON	TUE	WED	THU	FRI	HDD	CDD																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
60.0	60.0	60.0	60.0	60.0	60.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	60.0	60.0	

FOR DAYS		SAT																						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
60.0	60.0	60.0	60.0	60.0	60.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	60.0	60.0	60.0	60.0	60.0	60.0	

Schedule: ASHRAE Office Cooling Ann Type of Schedule: TEMPERATURE

THROUGH 31 12

WEATHER FILE- SEATTLE BOEING FI WA

-- (CONTINUED) -----

[illegible]

HOURLY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	95.0	95.0	95.0	95.0	95.0	95.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	95.0	95.0	

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	95.0	95.0	95.0	95.0	95.0	95.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	95.0	95.0	95.0	95.0	95.0	95.0

Schedule: ASHRAE Restaurant Occupancy Ann Type of Schedule: FRACTION

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.20	0.20	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.20	0.25	0.25	0.15	0.20	0.25	0.35	0.55	0.65	0.70	0.35	0.20	0.20

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.15	0.15	0.05	0.00	0.00	0.00	0.00	0.05	0.05	0.05	0.20	0.50	0.80	0.70	0.40	0.20	0.25	0.50	0.80	0.80	0.80	0.50	0.35	0.20

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.30	0.25	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.20	0.45	0.50	0.50	0.35	0.30	0.30	0.30	0.70	0.90	0.70	0.65	0.55	0.35

[illegible]

FOR DAYS CDD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: ASHRAE Restaurant Lighting Ann Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS SUN HOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.20	0.15	0.15	0.15	0.15	0.15	0.30	0.30	0.50	0.50	0.70	0.70	0.70	0.70	0.70	0.70	0.60	0.60	0.60	0.60	0.60	0.60	0.50	0.30

FOR DAYS MON TUE WED THU FRI

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.15	0.15	0.15	0.15	0.15	0.20	0.40	0.40	0.60	0.60	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.50	0.30

FOR DAYS SAT

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.20	0.15	0.15	0.15	0.15	0.15	0.30	0.30	0.60	0.60	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.90	0.90	0.90	0.90	0.90	0.50	0.30

FOR DAYS HDD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FOR DAYS CDD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: ASHRAE Restaurant HVAC Ann Type of Schedule: ON/OFF

THROUGH 31 12

FOR DAYS		SUN HOL																							
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
	1.	1.	1.	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	

FOR DAYS		MON	TUE	WED	THU	FRI	HDD	CDD																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1.	1.	1.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	

		FOR DAYS SAT																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.	1.	1.	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.

Schedule: ASHRAE Restaurant Hot Water Ann Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN HOL																						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
0.25	0.20	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50	0.40	0.40	0.30	0.30	0.30	0.40	0.50	0.50	0.40	0.50	0.40	0.20	

FOR DAYS		MON	TUE	WED	THU	FRI	HDD	CDD																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
0.20	0.15	0.15	0.00	0.00	0.00	0.00	0.60	0.55	0.45	0.40	0.45	0.40	0.35	0.30	0.30	0.30	0.40	0.55	0.60	0.50	0.55	0.45	0.25	

FOR DAYS		SAT																						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
0.20	0.15	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.45	0.50	0.50	0.45	0.40	0.40	0.35	0.40	0.55	0.55	0.50	0.55	0.40	0.30	

Schedule: ASHRAE Restaurant Heating Ann Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS		SUN HOL																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	68.0	68.0	68.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0

FOR DAYS		MON TUE WED THU FRI HDD CDD																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
68.0	68.0	68.0	60.0	60.0	60.0	60.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0

FOR DAYS		SAT																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
68.0	68.0	68.0	60.0	60.0	60.0	60.0	60.0	60.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0

Schedule: ASHRAE Restaurant Cooling Ann Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS		SUN HOL																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
75.0	75.0	75.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0

FOR DAYS		MON TUE WED THU FRI HDD CDD																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
75.0	75.0	75.0	95.0	95.0	95.0	95.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0

FOR DAYS		SAT																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
75.0	75.0	75.0	95.0	95.0	95.0	95.0	95.0	95.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0

Schedule: ASHRAE Retail Occupancy Ann Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN HOL																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.20	0.20	0.40	0.40	0.40	0.40	0.40	0.20	0.10	0.00	0.00	0.00	0.00	0.00

FOR DAYS		MON TUE WED THU FRI																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.20	0.50	0.50	0.70	0.70	0.70	0.70	0.80	0.70	0.50	0.50	0.30	0.30	0.00	0.00	0.00

FOR DAYS		SAT																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.20	0.50	0.60	0.80	0.80	0.80	0.80	0.80	0.80	0.60	0.20	0.20	0.20	0.10	0.00	0.00

FOR DAYS		HDD																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FOR DAYS		CDD																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: ASHRAE Retail Lighting Ann

Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN HOL																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.10	0.10	0.40	0.40	0.60	0.60	0.60	0.60	0.60	0.40	0.20	0.05	0.05	0.05	0.05	0.05

FOR DAYS		MON TUE WED THU FRI																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.20	0.50	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.60	0.60	0.50	0.20	0.05	0.05

		FOR DAYS SAT																							
HO	UR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
		0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.10	0.30	0.60	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.50	0.30	0.30	0.10	0.05	0.05

		FOR DAYS HDD																							
HO	UR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

		FOR DAYS CDD																							
HO	UR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: ASHRAE Retail HVAC Ann

Type of Schedule: ON/OFF

THROUGH 31 12

		FOR DAYS SUN HOL																							
HO	UR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
		0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.	0.	0.

		FOR DAYS MON TUE WED THU FRI HDD CDD																							
HO	UR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
		0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.

		FOR DAYS SAT																							
HO	UR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
		0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.

Schedule: ASHRAE Retail Hot Water Ann

Type of Schedule: FRACTION

THROUGH 31 12

		FOR DAYS SUN HOL																							
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
	0.07	0.07	0.07	0.06	0.06	0.06	0.07	0.10	0.12	0.14	0.29	0.31	0.36	0.36	0.34	0.35	0.37	0.34	0.25	0.27	0.21	0.16	0.10	0.06	

FOR DAYS		MON TUE WED THU FRI HDD CDD																						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
0.04	0.05	0.05	0.04	0.04	0.04	0.04	0.15	0.23	0.32	0.41	0.57	0.62	0.61	0.50	0.45	0.46	0.47	0.42	0.34	0.33	0.23	0.13	0.08	

FOR DAYS		SAT																						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
0.11	0.10	0.08	0.06	0.06	0.06	0.07	0.20	0.24	0.27	0.42	0.54	0.59	0.60	0.49	0.48	0.47	0.46	0.44	0.36	0.29	0.22	0.16	0.13	

Schedule: ASHRAE Retail Elevator Ann Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN HOL																						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.13	0.35	0.37	0.37	0.39	0.41	0.38	0.34	0.03	0.00	0.00	0.00	0.00	0.00	

FOR DAYS		MON TUE WED THU FRI HDD CDD																						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.22	0.64	0.74	0.68	0.68	0.71	0.72	0.73	0.73	0.68	0.58	0.58	0.54	0.00	0.00	0.00	

FOR DAYS		SAT																						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.21	0.56	0.66	0.68	0.68	0.69	0.70	0.69	0.66	0.58	0.47	0.43	0.43	0.08	0.00	0.00	

Schedule: ASHRAE Retail Heating Ann Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS		SUN HOL																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0

FOR DAYS		MON TUE WED THU FRI HDD CDD																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
60.0	60.0	60.0	60.0	60.0	60.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	60.0	60.0	60.0

FOR DAYS		SAT																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
60.0	60.0	60.0	60.0	60.0	60.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	60.0	60.0

Schedule: ASHRAE Retail Cooling Ann Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS		SUN HOL																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0

FOR DAYS		MON TUE WED THU FRI HDD CDD																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
95.0	95.0	95.0	95.0	95.0	95.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	95.0	95.0	95.0

FOR DAYS		SAT																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
95.0	95.0	95.0	95.0	95.0	95.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	95.0	95.0	95.0

Schedule: ASHRAE School Occupancy Ann Type of Schedule: FRACTION

THROUGH 31 12

		FOR DAYS SUN HOL																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

		FOR DAYS MON TUE WED THU FRI																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.75	0.90	0.90	0.80	0.80	0.80	0.80	0.45	0.15	0.05	0.15	0.20	0.20	0.10	0.00	0.00

		FOR DAYS SAT																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

		FOR DAYS HDD																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

		FOR DAYS CDD																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: ASHRAE School Lighting Ann

Type of Schedule: FRACTION

THROUGH 31 12

		FOR DAYS SUN HOL																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05

		FOR DAYS MON TUE WED THU FRI																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.30	0.85	0.95	0.95	0.95	0.80	0.80	0.80	0.70	0.50	0.50	0.35	0.35	0.35	0.30	0.05	0.05

		FOR DAYS SAT																							
HO	UR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
		0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.15	0.15	0.15	0.15	0.15	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05

		FOR DAYS HDD																							
HO	UR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

		FOR DAYS CDD																							
HO	UR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: ASHRAE School HVAC Ann

Type of Schedule: ON/OFF

THROUGH 31 12

		FOR DAYS SUN HOL																							
HO	UR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

		FOR DAYS MON TUE WED THU FRI HDD CDD																							
HO	UR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
		0.	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.

		FOR DAYS SAT																							
HO	UR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
		0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

Schedule: ASHRAE School Hot Water Ann

Type of Schedule: FRACTION

THROUGH 31 12

WEATHER FILE- SEATTLE BOEING FI WA

-- (CONTINUED) -----

[illegible]

HOURLY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.10	0.34	0.60	0.63	0.72	0.79	0.83	0.61	0.65	0.10	0.10	0.19	0.25	0.22	0.22	0.12	0.09

[illegible]

Schedule: ASHRAE School Elevator Ann Type of Schedule: FRACTION

THROUGH 31 12

[illegible][illegible]

Schedule: ASHRAE School Heating Ann Type of Schedule: TEMPERATURE

THROUGH 31 12

[illegible]

WEATHER FILE- SEATTLE BOEING FI WA

-- (CONTINUED) -----

[illegible][illegible]

THROUGH 31 12

[illegible]

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	95.0	95.0	95.0	95.0	95.0	95.0	95.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	95.0	95.0	

[illegible]

THROUGH 31 12

[illegible]

WEATHER FILE- SEATTLE BOEING FI WA

-- (CONTINUED) -----

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.70	0.90	0.90	0.90	0.50	0.85	0.85	0.85	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00

[illegible][illegible][illegible]

Schedule: ASHRAE Warehouse Lighting Ann Type of Schedule: FRACTION

[illegible]

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.40	0.70	0.90	0.90	0.90	0.80	0.90	0.90	0.90	0.90	0.30	0.05	0.05	0.05	0.05	0.05	0.05

[illegible]

WEATHER FILE- SEATTLE BOEING FI WA

- (CONTINUED) -----

[illegible][illegible]

THROUGH 31 12

[illegible]

HOURLY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.	0.	0.

[illegible]

THROUGH 31 12

[illegible]

WEATHER FILE- SEATTLE BOEING FI WA

-- (CONTINUED) -----

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.02	0.02	0.02	0.02	0.05	0.07	0.07	0.10	0.30	0.36	0.36	0.46	0.57	0.43	0.38	0.40	0.30	0.18	0.03	0.03	0.03	0.03	0.03	0.03

[illegible]

THROUGH 31 12

[illegible][illegible]

THROUGH 31 12

[illegible][illegible]

FOR DAYS SAT

HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0

Schedule: ASHRAE Warehouse Cooling Ann Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS SUN HOL

HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0

FOR DAYS MON TUE WED THU FRI HDD CDD

HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0

FOR DAYS SAT

HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0

Schedule: eQUEST Res Ltg Sch Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS SUN

HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.05	0.05	0.05	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.30	0.20	0.15	0.10	0.05	0.05

FOR DAYS MON TUE WED THU FRI

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.04	0.03	0.03	0.03	0.05	0.08	0.12	0.40	0.12	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.08	0.15	0.40	0.20	0.12	0.10	0.05	0.05

FOR DAYS		SAT																						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
0.05	0.05	0.05	0.05	0.05	0.05	0.10	0.15	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.05	0.05	0.05	0.03	0.03	0.03	0.03	0.03	0.03	

FOR DAYS		HOL HDD CDD																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.04	0.03	0.03	0.03	0.05	0.08	0.12	0.40	0.12	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.08	0.15	0.40	0.20	0.12	0.10	0.05	0.05

Schedule: eQUEST Res El Eqp Sch

Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN SAT																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.15	0.15	0.15	0.15	0.15	0.20	0.30	0.80	0.60	0.40	0.40	0.40	0.20	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15

FOR DAYS		MON TUE WED THU FRI HOL HDD CDD																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.15	0.15	0.15	0.15	0.15	0.20	0.30	0.80	0.40	0.20	0.20	0.20	0.20	0.20	0.20	0.30	0.40	0.60	0.80	0.60	0.40	0.30	0.15	0.15

Schedule: eQUEST Res Gas Eqp Sch

Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.05	0.05	0.10	0.60	0.70	0.30	0.05	0.05	0.05	0.00

FOR DAYS		MON TUE WED THU FRI HOL																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.00	0.00	0.00	0.00	0.00	0.10	0.40	0.60	0.60	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.30	0.60	0.60	0.30	0.05	0.05	0.05	0.00

		FOR DAYS SAT																							
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
	0.00	0.00	0.00	0.00	0.00	0.05	0.20	0.40	0.40	0.10	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

		FOR DAYS HDD																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

		FOR DAYS CDD																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: eQUEST Res Inf Sch

Type of Schedule: MULTIPLIER

THROUGH 31 3

		FOR DAYS SUN MON TUE WED THU FRI SAT HOL																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

THROUGH 31 8

		FOR DAYS SUN MON TUE WED THU FRI SAT HOL																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

THROUGH 31 12

		FOR DAYS SUN MON TUE WED THU FRI SAT HOL																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: eQUEST Retail Inf Sch

Type of Schedule: FRACTION

THROUGH 31 12

		FOR DAYS																						
		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	1.00	1.00	1.00	1.00	1.00	

Schedule: eQUEST Retail Fans Sch Type of Schedule: ON/OFF/FLAG

THROUGH 31 12

		FOR DAYS																						
		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
0.	0.	0.	0.	0.	0.	0.-999.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	

Schedule: eQUEST Stair Occ Sch Type of Schedule: FRACTION

THROUGH 31 12

		FOR DAYS																						
		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.10	0.10	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.05	0.10	0.10	0.05	0.02	0.02	0.02	0.00	

Schedule: eQUEST Parking Lobby Ht-T Sch Type of Schedule: TEMPERATURE

THROUGH 31 12

		FOR DAYS																						
		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	

Schedule: eQUEST Parking Lobby Cl-T Sch Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0

Schedule: eQUEST Low-Use Sch Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50

Schedule: eQUEST On/Off/Flag Sch Type of Schedule: ON/OFF/FLAG

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.

Schedule: eQUEST Always On Sch Fraction Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: eQUEST Always Off Sch Fraction Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Schedule: eQUEST Always On Sch On/Off/Flag Type of Schedule: ON/OFF/FLAG

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.

Schedule: eQUEST Always Off Sch On/Off/Flag Type of Schedule: ON/OFF/FLAG

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

Schedule: eQUEST Temperature On/Off/Flag S Type of Schedule: ON/OFF/FLAG

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.

Schedule: eQUEST Dummy Tempered Air Sch Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0

Schedule: eQUEST No Heat Ht-T Sch Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Schedule: eQUEST Ext Lighting Sch Type of Schedule: FRACTION

THROUGH 31 1

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.30	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.55	0.90	0.90	0.90	0.90	0.90	0.80	0.70

THROUGH 28 2

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.60	0.60	0.60	0.60	0.60	0.45	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.70	0.90	0.90	0.90	0.80	0.70

THROUGH 31 3

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.60	0.60	0.60	0.60	0.60	0.45	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.70	0.90	0.90	0.90	0.80	0.70

THROUGH 30 4

WEATHER FILE- SEATTLE BOEING FI WA

-- (CONTINUED) -----

THROUGH 30 9

WEATHER FILE- SEATTLE BOEING FI WA

-- (CONTINUED) -----

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.60	0.60	0.60	0.60	0.60	0.45	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.50	0.90	0.90	0.90	0.90	0.80	0.70

THROUGH 31 10

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.60	0.60	0.60	0.60	0.60	0.45	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.50	0.90	0.90	0.90	0.90	0.80	0.70

THROUGH 30 11

[illegible]

THROUGH 31 12

[illegible]

Schedule: eQUEST Office MinOA Sch Type of Schedule: FRAC/DESIGN

THROUGH 31 12

[illegible]

WEATHER FILE- SEATTLE BOEING FI WA

-- (CONTINUED) -----

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0.00	0.00	0.00	0.00	0.00	0.00

THROUGH 31 12

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0.00	0.00	0.00	0.00	0.00

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0.00	0.00	0.00

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0.00	0.00	0.00	

[illegible]

THROUGH 31 12

[illegible]

WEATHER FILE- SEATTLE BOEING FI WA

-- (CONTINUED) -----

[illegible]

THROUGH 31 12

[illegible]

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.12	0.12	0.12	0.12	0.12	0.12	0.22	0.76	0.90	0.90	0.90	0.74	0.74	0.90	0.90	0.90	0.82	0.42	0.22	0.22	0.16	0.16	0.12	0.12

[illegible]

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.12	0.12	0.12	0.12	0.12	0.12	0.22	0.76	0.90	0.90	0.90	0.74	0.74	0.90	0.90	0.90	0.82	0.42	0.22	0.22	0.16	0.16	0.12	0.12

THROUGH 31 12

[illegible]

WEATHER FILE- SEATTLE BOEING FI WA

-- (CONTINUED) -----

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.90	0.90	0.20	0.20	0.90	0.90	0.90	0.20	0.20	0.00	0.00	0.00	0.00	0.00	0.00

[illegible][illegible][illegible]

Schedule: EQUEST Conf Equip Ann Type of Schedule: FRACTION

THROUGH 31 12

[illegible]

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.20	0.90	0.90	0.25	0.25	0.90	0.90	0.90	0.20	0.20	0.15	0.15	0.15	0.15	0.15	0.15

[illegible]

FOR DAYS		HDD																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FOR DAYS		CDD																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: EQUEST Conf Lighting Ann

Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN HOL																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.25	0.25	0.25	0.25	0.25	0.90	0.90	0.90	0.25	0.05	0.05	0.05	0.05	0.05	0.05	0.05

FOR DAYS		MON TUE WED THU FRI																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.25	0.25	0.90	0.90	0.50	0.50	0.90	0.90	0.90	0.25	0.25	0.05	0.05	0.05	0.05	0.05	0.05

FOR DAYS		SAT																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.25	0.25	0.25	0.25	0.25	0.90	0.90	0.90	0.25	0.05	0.05	0.05	0.05	0.05	0.05	0.05

FOR DAYS		HDD																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FOR DAYS		CDD																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: Storage Lighting Sch

Type of Schedule: FRACTION

THROUGH 31 12

		FOR DAYS																							
		SUN	MON	TUE	WED	THU	FRI	SAT	HOL																
HOURL		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00

Schedule: eQUEST Garage Exh Sch Type of Schedule: FRACTION

THROUGH 31 12

		FOR DAYS																						
		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.10	1.00	1.00	1.00	1.00	0.10	0.00	0.00	0.00	0.00	0.00	0.10	1.00	1.00	1.00	1.00	0.10	0.00	0.00

Schedule: Resi Exh Fan Sch Type of Schedule: FRACTION

THROUGH 31 12

		FOR DAYS																							
		SUN	MON	TUE	WED	THU	FRI	SAT	HOL																
HOURL		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
		0.74	0.73	0.73	0.74	0.76	0.83	0.95	1.00	0.95	0.89	0.85	0.81	0.80	0.80	0.79	0.78	0.82	0.84	0.85	0.83	0.82	0.81	0.80	0.77

Schedule: Freeze Protect Heat Sch Type of Schedule: TEMPERATURE

THROUGH 31 12

		FOR DAYS																							
		SUN	MON	TUE	WED	THU	FRI	SAT	HOL																
HOURL		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
		45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0

Schedule: Corridor Heat Sch Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0

Schedule: Corridor Cool Sch Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0

Schedule: NYES Residential Ltg Sch Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.02	0.00	0.00	0.00	0.00	0.02	0.05	0.06	0.05	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.06	0.08	0.11	0.12	0.13	0.09	0.05

Schedule: Hourly Report Schedule Type of Schedule: ON/OFF

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.

FOR DAYS		HDD	CDD																					
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

Schedule: Misc Fans Sch Type of Schedule: FRACTION

THROUGH 31 12

		FOR DAYS																							
		SUN	MON	TUE	WED	THU	FRI	SAT	HOL																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Schedule: Garage Lighting Occ Sensors Type of Schedule: FRACTION

THROUGH 31 12

		FOR DAYS																								
		SUN	MON	TUE	WED	THU	FRI	SAT	HOL																	
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	

Schedule: Corr Ltg Sch Type of Schedule: FRACTION

THROUGH 31 12

		FOR DAYS																								
		SUN	MON	TUE	WED	THU	FRI	SAT	HOL																	
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	

Schedule: No Cooling Sch Type of Schedule: TEMPERATURE

THROUGH 31 12

		FOR DAYS																								
		SUN	MON	TUE	WED	THU	FRI	SAT	HOL																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

Schedule: SCLRSCElecYear Type of Schedule: FLAG

THROUGH 31 1

WEATHER FILE- SEATTLE BOEING FI WA

-- (CONTINUED) -----

THROUGH 30 6

WEATHER FILE- SEATTLE BOEING FI WA

-- (CONTINUED) -----

THROUGH 30 11

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
THROUGH 31 12																								

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	

Schedule: SCLMDCElecYear

Type of Schedule: FLAG

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	

Schedule: SCLSMCElecYear

Type of Schedule: FLAG

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

Schedule: SCLLGCElecYear

Type of Schedule: FLAG

THROUGH 31 12

FOR DAYS		SUN HOL																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

FOR DAYS		MON	TUE	WED	THU	FRI	SAT	HDD	CDD															
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	

Schedule: SCLHDCElecYear

Type of Schedule: FLAG

THROUGH 31 12

FOR DAYS		SUN HOL																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

FOR DAYS		MON	TUE	WED	THU	FRI	SAT	HDD	CDD															
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	

Schedule: PSERate25ElecYear

Type of Schedule: FLAG

THROUGH 31 3

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2

THROUGH 30 9

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
THROUGH 31 12																								

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2

Schedule: PSERate26ElecYear Type of Schedule: FLAG

THROUGH 31 3																								
FOR DAYS																								
	SUN	MON	TUE	WED	THU	FRI	SAT	HOL																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
THROUGH 30 9																								

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
THROUGH 31 12																								

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2

Schedule: Booster Pump Ann Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.25	0.25	0.10	0.05	0.05	0.05	0.05	0.05	0.05	0.10	0.20	0.10	0.10	0.00	0.00	0.00	0.00

Schedule: RS-29 Resi Inf Ann Type of Schedule: MULTIPLIER

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25

Schedule: RS-29 Non Res Inf Ann Type of Schedule: FRACTION

THROUGH 31 12

		FOR DAYS																								SUN	HOL
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			

FOR DAYS		MON	TUE	WED	THU	FRI	HDD	CDD																
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.00	1.00	1.00	1.00	1.00	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.00	1.00	1.00	1.00

FOR DAYS		SAT																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.00	1.00	1.00	1.00	1.00	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: RS-29 Retail Inf Ann Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.00	1.00	1.00	1.00	1.00	1.00	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.00	1.00	1.00

Schedule: Min Cooling Ann Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0

Schedule: EQUEST Lobby Occupancy Ann Type of Schedule: FRACTION

THROUGH 31 12

		FOR DAYS																										
		SUN	MON	TUE	WED	THU	FRI	SAT	HOL																			
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
	0.05	0.05	0.05	0.05	0.10	0.25	0.50	0.50	0.50	0.50	0.50	0.90	0.90	0.90	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.10	0.05	0.05				

Schedule: Resi Setback Heating ANN Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0

Schedule: Resi Setback Cooling ANN Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	80.0	80.0	80.0	80.0	80.0	80.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0

Schedule: Resi Fan Cycling Sch Type of Schedule: ON/OFF/FLAG

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

Schedule: Res Amenity Occ Sch Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN	SAT	HOL																				
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.00	0.00	0.00	0.00

FOR DAYS		MON	TUE	WED	THU	FRI	HDD	CDD																
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50	0.50	0.50	0.50	0.00	0.00	0.00	0.00

Schedule: Res Amenity Ltg Sch Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN	SAT	HOL																				
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.05	0.05	0.05	0.05

FOR DAYS		MON	TUE	WED	THU	FRI	HDD	CDD																
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.50	0.50	0.50	0.50	0.50	0.05	0.05	0.05	0.05

Schedule: Res Amenity Eqp Sch Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN	SAT	HOL																				
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.05	0.05	0.05	0.05

FOR DAYS		MON	TUE	WED	THU	FRI	HDD	CDD																
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.50	0.50	0.50	0.50	0.50	0.05	0.05	0.05	0.05

Schedule: Res Amenity Htg Sch Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS		SUN	SAT	HOL																				
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	62.0	62.0	62.0	62.0

FOR DAYS		MON	TUE	WED	THU	FRI	HDD	CDD																
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	70.0	70.0	70.0	70.0	70.0	62.0	62.0	62.0	62.0

Schedule: Res Amenity Clg Sch Type of Schedule: TEMPERATURE

THROUGH 31 12

WEATHER FILE- SEATTLE BOEING FI WA

-- (CONTINUED) -----

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	82.0	82.0	82.0	82.0

HOURLY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	74.0	74.0	74.0	74.0	74.0	82.0	82.0	82.0	82.0

THROUGH 31 12

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	0.	0.	0.	0.

THROUGH 31 12

[illegible]

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	75.0	75.0	75.0	75.0	75.0	75.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0

Schedule: Pool Water Heat Boiler Annual Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.25	0.25

Schedule: Pool Air Heat Temp Annual Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0

Schedule: Pool Air Cool Temp Annual Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0

Schedule: Pool Ventilation on/off Annual Type of Schedule: ON/OFF/FLAG

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.

Schedule: Dummy Schedule Annual

Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0

Schedule: Ext Lighting Sch

Type of Schedule: FRACTION

THROUGH 31 1

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.30	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.55	0.90	0.90	0.90	0.90	0.90	0.80	0.70	

THROUGH 28 2

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.60	0.60	0.60	0.60	0.60	0.45	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.70	0.90	0.90	0.90	0.80	0.70

THROUGH 31 3

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.60	0.60	0.60	0.60	0.60	0.45	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.70	0.90	0.90	0.90	0.80	0.70

THROUGH 30 4

WEATHER FILE- SEATTLE BOEING FI WA

-- (CONTINUED) -----

THROUGH 30 9

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.60	0.60	0.60	0.60	0.60	0.45	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.50	0.90	0.90	0.90	0.90	0.80	0.70

THROUGH 31 10

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.60	0.60	0.60	0.60	0.60	0.45	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.50	0.90	0.90	0.90	0.90	0.80	0.70

THROUGH 30 11

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.30	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.55	0.90	0.90	0.90	0.90	0.90	0.80	0.70	

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.30	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.55	0.90	0.90	0.90	0.90	0.90	0.80	0.70

Schedule: DHW Eqp NRes Sch Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN		HOL																				
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.08	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.09	0.20	0.27	0.23	0.30	0.43	0.57	0.65	0.47	0.34	0.25	0.21	0.20	0.20	0.19	0.14

FOR DAYS		MON	TUE	WED	THU	FRI																		
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.05	0.05	0.05	0.05	0.05	0.20	0.80	0.70	0.50	0.40	0.20	0.20	0.20	0.30	0.50	0.50	0.70	0.70	0.40	0.40	0.20	0.20	0.10	0.10

FOR DAYS		SAT		CDD																				
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.08	0.05	0.05	0.05	0.05	0.05	0.06	0.12	0.27	0.47	0.47	0.33	0.32	0.47	0.76	0.72	0.69	0.63	0.55	0.47	0.40	0.37	0.23	0.14

FOR DAYS		HDD																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Schedule: S1 Sys1 (PVVT) Fan Sch Type of Schedule: ON/OFF/FLAG

THROUGH 31 12

FOR DAYS		SUN	SAT	HOL	HDD	CDD																		
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.

FOR DAYS		MON	TUE	WED	THU	FRI																		
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.

Schedule: S1 Sys1 (PVVT) Cool Sch Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0

Schedule: S1 Sys1 (PVVT) Heat Sch Type of Schedule: TEMPERATURE

THROUGH 31 12

		FOR DAYS																							
		SUN	MON	TUE	WED	THU	FRI	SAT	HOL																
HOURL		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
		68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0

Schedule: XFRM Cooling Ann Type of Schedule: TEMPERATURE

THROUGH 31 12

		FOR DAYS																						
		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0

Schedule: 2015 SEC DHW Inlet Temp Type of Schedule: TEMPERATURE

THROUGH 31 1

		FOR DAYS																							
		SUN	MON	TUE	WED	THU	FRI	SAT	HOL																
HOURL		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
		54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0

THROUGH 28 2

		FOR DAYS																							
		SUN	MON	TUE	WED	THU	FRI	SAT	HOL																
HOURL		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
		53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0

THROUGH 31 3

WEATHER FILE- SEATTLE BOEING FI WA

-- (CONTINUED) -----

THROUGH 30 8

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
THROUGH 30		9																						

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
THROUGH 31		10																						

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
THROUGH 30		11																						

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
THROUGH 31		12																						

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0

Schedule: Always Off

Type of Schedule: ON/OFF

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

Schedule: Res Cooling_BadBOI Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0

Schedule: Res Heating_BadBOI Type of Schedule: TEMPERATURE

THROUGH 31 12

FOR DAYS		SUN	MON	TUE	WED	THU	FRI	SAT	HOL															
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0

Schedule: Constant Res HW Ann Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS		SUN	SAT	HOL																				
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.01	0.01	0.01	0.01	0.02	0.04	0.09	0.11	0.09	0.07	0.05	0.04	0.04	0.03	0.03	0.03	0.04	0.05	0.05	0.05	0.04	0.04	0.04	0.02

FOR DAYS		MON	TUE	WED	THU	FRI	HDD	CDD																
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.01	0.01	0.01	0.01	0.02	0.04	0.09	0.11	0.09	0.07	0.05	0.04	0.04	0.03	0.03	0.03	0.04	0.05	0.05	0.05	0.04	0.04	0.04	0.02

Schedule: MF Lobby Occupancy Ann Type of Schedule: FRACTION

THROUGH 31 12

		FOR DAYS																							
		SUN	MON	TUE	WED	THU	FRI	SAT	HOL																
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
	0.00	0.00	0.00	0.00	0.05	0.10	0.10	0.10	0.10	0.05	0.05	0.10	0.10	0.10	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.00	

Schedule: ASHRAE RST Exhaust - Low Type of Schedule: FRACTION

THROUGH 31 12

		FOR DAYS																							
		SUN HOL																							
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.17	0.21	0.21	0.00	0.17	0.21	0.29	0.46	0.54	0.58	0.00	0.00	0.00	

		FOR DAYS																						
		MON	TUE	WED	THU	FRI																		
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.17	0.42	0.67	0.58	0.17	0.21	0.42	0.67	0.67	0.67	0.00	0.00	0.00	0.00

		FOR DAYS																						
		SAT																						
HOURL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.17	0.38	0.42	0.42	0.25	0.25	0.25	0.58	0.75	0.58	0.00	0.00	0.00	0.00

		FOR DAYS																						
		HDD																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

		FOR DAYS																						
		CDD																						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: ASHRAE RST Exhaust - High Type of Schedule: FRACTION

THROUGH 31 12

		FOR DAYS SUN HOL																							
HO	UR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
		0.28	0.28	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.28	0.35	0.21	0.28	0.35	0.49	0.77	0.92	0.99	0.49	0.28	0.28	0.28

		FOR DAYS		MON		TUE		WED		THU		FRI												
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.21	0.21	0.07	0.00	0.00	0.00	0.00	0.07	0.07	0.07	0.28	0.00	1.13	0.99	0.56	0.28	0.35	0.70	1.13	1.13	1.13	0.70	0.49	0.28

		FOR DAYS		SAT																					
HO	UR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
		0.42	0.35	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.28	0.63	0.00	0.49	0.42	0.42	0.42	0.99	1.27	0.99	0.92	0.77	0.49	0.49

		FOR DAYS		HDD																				
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

		FOR DAYS CDD																							
HOUR		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: CHW Supply Temp Reset

Type of Schedule: RESET-TEMP

THROUGH 31 12

		FOR DAYS		SUN		MON		TUE		WED		THU		FRI		SAT		HOL							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
		80.0	60.0	54.0	44.0	1.	24.	0.0	0.0	0.0	0.0														

Schedule: Dirt Depre Windows

Type of Schedule: FRACTION

THROUGH 31 12

REPORT- LV-G Details of Schedules

WEATHER FILE- SEATTLE BOEING FI WA

-- (CONTINUED) -----

FOR DAYS SUN MON TUE WED THU FRI SAT HOL

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
------	---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

[illegible]

REPORT- LV-H Details of Windows

WEATHER FILE- SEATTLE BOEING FI WA

NUMBER OF WINDOWS 593

(Note: u-values include outside air film)

WINDOW NAME	MULTIPLIER	GLASS			LOCATION OF ORIGIN IN SURFACE COORDINATES		FRAME		CURB	
		AREA (SQFT)	HEIGHT (FT)	WIDTH (FT)	X (FT)	Y (FT)	AREA (SQFT)	U-VALUE (BTU/HR-SQFT-F)		
Window 593	1.0	57.60	3.60	16.00	0.00	3.12	0.00	0.00	0.384	0.000
Window 592	1.0	306.03	3.60	85.00	0.00	3.12	0.00	0.00	0.384	0.000
Window 591	1.0	72.01	3.60	20.00	0.00	3.12	0.00	0.00	0.384	0.000
L1 North Win (G.C4.E3.W1)	1.0	12.60	3.60	3.50	0.00	3.12	0.00	0.00	0.384	0.000
L1 North Win (G.N5.E4.W1)	1.0	331.23	3.60	92.00	0.00	3.12	0.00	0.00	0.384	0.000
L1 South Win (G.E6.E5.W1)	1.0	56.61	3.54	16.00	0.00	3.12	0.00	0.00	0.384	0.000
L1 East Win (G.E6.E6.W1)	1.0	62.70	2.16	29.00	0.00	3.12	0.00	0.00	0.384	0.000
L1 North Win (G.E6.E7.W1)	1.0	72.01	3.60	20.00	0.00	3.12	0.00	0.00	0.384	0.000
L1 North Win (G.W7.E9.W1)	1.0	81.01	3.60	22.50	0.00	3.12	0.00	0.00	0.384	0.000
L1 West Win (G.W7.E10.W1)	1.0	111.61	3.28	34.00	0.00	3.12	0.00	0.00	0.384	0.000
L1 West Win (G.W8.E11.W1)	1.0	49.24	3.28	15.00	0.00	3.12	0.00	0.00	0.384	0.000
L1 East Win (G.E9.E12.W1)	1.0	38.92	2.16	18.00	0.00	3.12	0.00	0.00	0.384	0.000
L1 East Win (G.E10.E13.W1)	1.0	60.54	2.16	28.00	0.00	3.12	0.00	0.00	0.384	0.000
L1 North Win (G.E10.E14.W1)	1.0	75.61	3.60	21.00	0.00	3.12	0.00	0.00	0.384	0.000
L1 South Win (G.E10.E15.W1)	1.0	63.68	3.54	18.00	0.00	3.12	0.00	0.00	0.384	0.000
L1 South Win (G.S11.E16.W1)	1.0	304.26	3.54	86.00	0.00	0.10	0.00	0.00	0.384	0.000
L1 North Win (G.S17.E24.W1)	1.0	265.27	7.07	37.50	0.00	1.00	0.00	0.00	0.384	0.000
L1 East Win (G.S17.E25.W1)	1.0	7.07	7.07	1.00	0.00	1.00	0.00	0.00	0.384	0.000
L1 East Win (G.E19.E27.W1)	1.0	61.62	2.16	28.50	0.00	3.12	0.00	0.00	0.384	0.000
L1 East Win (G.NNE24.E30.W1)	1.0	40.00	2.16	18.50	0.00	3.12	0.00	0.00	0.384	0.000
L1 West Win (G.WNW27.E37.W1)	1.0	60.73	3.28	18.50	0.00	3.12	0.00	0.00	0.384	0.000
L1 North Win (G.WNW27.E39.W1)	1.0	75.61	3.60	21.00	0.00	3.12	0.00	0.00	0.384	0.000
L1 North Win (G.N28.E42.W1)	1.0	187.22	3.60	52.00	0.00	3.12	0.00	0.00	0.384	0.000
L1 East Win (G.E29.E45.W1)	1.0	52.97	2.16	24.50	0.00	3.12	0.00	0.00	0.384	0.000
L1 North Win (G.E29.E46.W1)	1.0	61.21	3.60	17.00	0.00	3.12	0.00	0.00	0.384	0.000
L2 North Win (G.C3.E1.W1)	1.0	12.60	3.60	3.50	0.00	3.12	0.00	0.00	0.384	0.000
L2 North Win (G.N4.E2.W1)	1.0	36.00	3.60	10.00	0.00	3.12	0.00	0.00	0.384	0.000
L2 East Win (G.N4.E3.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L2 North Win (G.N4.E4.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L2 West Win (G.N4.E5.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L2 North Win (G.N4.E6.W1)	1.0	36.00	3.60	10.00	0.00	3.12	0.00	0.00	0.384	0.000
L2 East Win (G.N4.E7.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L2 North Win (G.N4.E8.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L2 West Win (G.N4.E9.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L2 North Win (G.N4.E10.W1)	1.0	36.00	3.60	10.00	0.00	3.12	0.00	0.00	0.384	0.000
L2 East Win (G.N4.E11.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L2 North Win (G.N4.E12.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L2 West Win (G.N4.E13.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L2 North Win (G.N4.E14.W1)	1.0	36.00	3.60	10.00	0.00	3.12	0.00	0.00	0.384	0.000
L2 East Win (G.N4.E15.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L2 North Win (G.N4.E16.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L2 West Win (G.N4.E17.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L2 South Win (G.E5.E18.W1)	1.0	77.83	3.54	22.00	0.00	3.12	0.00	0.00	0.384	0.000
L2 East Win (G.E5.E19.W1)	1.0	73.51	2.16	34.00	0.00	3.12	0.00	0.00	0.384	0.000
L2 North Win (G.E5.E20.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L2 East Win (G.E5.E21.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L2 North Win (G.E5.E22.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L2 West Win (G.E5.E23.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L2 North Win (G.W6.E25.W1)	1.0	81.01	3.60	22.50	0.00	3.12	0.00	0.00	0.384	0.000

(Note: u-values include outside air film)

WINDOW NAME	MULTIPLIER	LOCATION OF ORIGIN									
		GLASS AREA	GLASS HEIGHT	GLASS WIDTH	IN SURFACE COORDINATES		FRAME	CURB	FRAME	CURB	
		(SQFT)	(FT)	(FT)	X (FT)	Y (FT)	AREA	U-VALUE	U-VALUE		
		(SQFT)	(FT)	(FT)	X (FT)	Y (FT)	(SQFT)	(BTU/HR-SQFT-F)			
L2 West Win (G.W6.E26.W1)	1.0	111.61	3.28	34.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 West Win (G.W7.E27.W1)	1.0	49.24	3.28	15.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 East Win (G.E8.E28.W1)	1.0	36.75	2.16	17.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 East Win (G.E9.E29.W1)	1.0	60.54	2.16	28.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 North Win (G.E9.E30.W1)	1.0	75.61	3.60	21.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 East Win (G.E9.E31.W1)	1.0	2.16	2.16	1.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 South Win (G.E9.E32.W1)	1.0	63.68	3.54	18.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 West Win (G.S10.E33.W1)	1.0	13.13	3.28	4.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 South Win (G.S10.E34.W1)	1.0	74.30	3.54	21.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 East Win (G.S10.E35.W1)	1.0	8.65	2.16	4.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 South Win (G.S10.E36.W1)	1.0	45.99	3.54	13.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 West Win (G.S10.E37.W1)	1.0	13.13	3.28	4.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 South Win (G.S10.E38.W1)	1.0	77.83	3.54	22.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 East Win (G.S10.E39.W1)	1.0	8.65	2.16	4.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 South Win (G.S10.E40.W1)	1.0	45.99	3.54	13.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 West Win (G.S10.E41.W1)	1.0	13.13	3.28	4.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 South Win (G.S10.E42.W1)	1.0	77.83	3.54	22.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 East Win (G.S10.E43.W1)	1.0	8.65	2.16	4.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 South Win (G.S10.E44.W1)	1.0	21.23	3.54	6.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 South Win (G.S10.E45.W1)	1.0	35.38	3.54	10.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 West Win (G.SSW12.E46.W1)	1.0	49.52	7.07	7.00	0.00	1.00	0.00	0.00	0.384	0.000	
L2 South Win (G.SSW12.E47.W1)	1.0	99.03	7.07	14.00	0.00	1.00	0.00	0.00	0.384	0.000	
L2 North Win (G.SSW12.E48.W1)	1.0	265.27	7.07	37.50	0.00	1.00	0.00	0.00	0.384	0.000	
L2 East Win (G.SSW12.E49.W1)	1.0	7.07	7.07	1.00	0.00	1.00	0.00	0.00	0.384	0.000	
L2 South Win (G.SSW12.E50.W1)	1.0	212.22	7.07	30.00	0.00	1.00	0.00	0.00	0.384	0.000	
L2 South Win (G.SSW12.E51.W1)	1.0	35.37	7.07	5.00	0.00	1.00	0.00	0.00	0.384	0.000	
L2 North Win (G.E14.E53.W1)	1.0	12.60	3.60	3.50	0.00	3.12	0.00	0.00	0.384	0.000	
L2 East Win (G.E14.E54.W1)	1.0	17.30	2.16	8.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 East Win (G.E14.E55.W1)	1.0	119.99	2.16	55.50	0.00	3.12	0.00	0.00	0.384	0.000	
L2 North Win (G.WNW18.E57.W1)	1.0	23.40	3.60	6.50	0.00	3.12	0.00	0.00	0.384	0.000	
L2 East Win (G.WNW18.E58.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 North Win (G.WNW18.E59.W1)	1.0	39.60	3.60	11.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 West Win (G.WNW18.E60.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 North Win (G.WNW18.E61.W1)	1.0	25.20	3.60	7.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 East Win (G.WNW18.E62.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 North Win (G.WNW18.E63.W1)	1.0	68.41	3.60	19.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 West Win (G.WNW18.E64.W1)	1.0	100.12	3.28	30.50	0.00	3.12	0.00	0.00	0.384	0.000	
L2 North Win (G.N19.E65.W1)	1.0	23.40	3.60	6.50	0.00	3.12	0.00	0.00	0.384	0.000	
L2 East Win (G.N19.E66.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 North Win (G.N19.E67.W1)	1.0	39.60	3.60	11.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 West Win (G.N19.E68.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 North Win (G.N19.E69.W1)	1.0	23.40	3.60	6.50	0.00	3.12	0.00	0.00	0.384	0.000	
L2 East Win (G.N19.E70.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 North Win (G.N19.E71.W1)	1.0	37.80	3.60	10.50	0.00	3.12	0.00	0.00	0.384	0.000	
L2 West Win (G.N19.E72.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000	
L2 South Win (G.SW20.E73.W1)	1.0	275.88	7.07	39.00	0.00	1.00	0.00	0.00	0.384	0.000	
L2 East Win (G.SW20.E74.W1)	1.0	88.42	7.07	12.50	0.00	1.00	0.00	0.00	0.384	0.000	
L2 South Win (G.SW20.E75.W1)	1.0	56.59	7.07	8.00	0.00	1.00	0.00	0.00	0.384	0.000	
L2 West Win (G.SW20.E76.W1)	1.0	583.60	7.07	82.50	0.00	1.00	0.00	0.00	0.384	0.000	
L2 South Win (G.E23.E77.W1)	1.0	83.14	3.54	23.50	0.00	3.12	0.00	0.00	0.384	0.000	
L2 East Win (G.E23.E78.W1)	1.0	70.26	2.16	32.50	0.00	3.12	0.00	0.00	0.384	0.000	
L2 North Win (G.E23.E79.W1)	1.0	27.00	3.60	7.50	0.00	3.12	0.00	0.00	0.384	0.000	

(Note: u-values include outside air film)

WINDOW NAME	MULTIPLIER	GLASS			LOCATION OF ORIGIN IN SURFACE COORDINATES		FRAME AREA (SQFT)	CURB	FRAME CURB U-VALUE (BTU/HR-SQFT-F)	
		GLASS AREA (SQFT)	HEIGHT (FT)	WIDTH (FT)	X (FT)	Y (FT)				
L2 East Win (G.E23.E80.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L2 North Win (G.E23.E81.W1)	1.0	39.60	3.60	11.00	0.00	3.12	0.00	0.00	0.384	0.000
L2 West Win (G.E23.E82.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L2 South Win (G.S27.E88.W1)	1.0	84.89	7.07	12.00	0.00	1.00	0.00	0.00	0.384	0.000
L3 North Win (G.N3.E1.W1)	1.0	147.61	3.60	41.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 East Win (G.N3.E2.W1)	1.0	2.16	2.16	1.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 North Win (G.N4.E3.W1)	1.0	36.00	3.60	10.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 East Win (G.N4.E4.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 North Win (G.N4.E5.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.N4.E6.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 North Win (G.N4.E7.W1)	1.0	36.00	3.60	10.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 East Win (G.N4.E8.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 North Win (G.N4.E9.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.N4.E10.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 North Win (G.N4.E11.W1)	1.0	36.00	3.60	10.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 East Win (G.N4.E12.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 North Win (G.N4.E13.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.N4.E14.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 North Win (G.N4.E15.W1)	1.0	36.00	3.60	10.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 East Win (G.N4.E16.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 North Win (G.N4.E17.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.N4.E18.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 South Win (G.E5.E19.W1)	1.0	77.83	3.54	22.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 East Win (G.E5.E20.W1)	1.0	73.51	2.16	34.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 North Win (G.E5.E21.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 East Win (G.E5.E22.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 North Win (G.E5.E23.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.E5.E24.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 North Win (G.W6.E26.W1)	1.0	81.01	3.60	22.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.W6.E27.W1)	1.0	111.61	3.28	34.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.W7.E28.W1)	1.0	49.24	3.28	15.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 East Win (G.E8.E29.W1)	1.0	36.75	2.16	17.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 South Win (G.E9.E30.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.E9.E31.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 South Win (G.E9.E32.W1)	1.0	51.30	3.54	14.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 East Win (G.E9.E33.W1)	1.0	84.32	2.16	39.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 North Win (G.E9.E34.W1)	1.0	79.21	3.60	22.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.S10.E35.W1)	1.0	26.26	3.28	8.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 South Win (G.S10.E36.W1)	1.0	7.08	3.54	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 East Win (G.S10.E37.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 South Win (G.S10.E38.W1)	1.0	12.38	3.54	3.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.S10.E39.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 South Win (G.S10.E40.W1)	1.0	45.99	3.54	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 East Win (G.S10.E41.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 South Win (G.S10.E42.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.S10.E43.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 South Win (G.S10.E44.W1)	1.0	45.99	3.54	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 East Win (G.S10.E45.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 South Win (G.S10.E46.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.S10.E47.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 South Win (G.S10.E48.W1)	1.0	45.99	3.54	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 East Win (G.S10.E49.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000

(Note: u-values include outside air film)

WINDOW NAME	MULTIPLIER	GLASS			LOCATION OF ORIGIN IN SURFACE COORDINATES		FRAME AREA (SQFT)	CURB	FRAME U-VALUE (BTU/HR-SQFT-F)	CURB
		GLASS AREA (SQFT)	HEIGHT (FT)	WIDTH (FT)	X (FT)	Y (FT)				
L3 South Win (G.S10.E50.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.S10.E51.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 South Win (G.S10.E52.W1)	1.0	44.22	3.54	12.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 East Win (G.S10.E53.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 South Win (G.S10.E54.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.S10.E55.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 South Win (G.S10.E56.W1)	1.0	45.99	3.54	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 East Win (G.S10.E57.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 South Win (G.S10.E58.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.S10.E59.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 South Win (G.S10.E60.W1)	1.0	45.99	3.54	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 East Win (G.S10.E61.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 South Win (G.S10.E62.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.S10.E63.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 South Win (G.S10.E64.W1)	1.0	44.22	3.54	12.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 East Win (G.S10.E65.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 North Win (G.E13.E67.W1)	1.0	12.60	3.60	3.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 East Win (G.E13.E68.W1)	1.0	17.30	2.16	8.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 East Win (G.E13.E69.W1)	1.0	119.99	2.16	55.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 South Win (G.NW17.E70.W1)	1.0	12.38	3.54	3.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.NW17.E71.W1)	1.0	22.98	3.28	7.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 North Win (G.NW17.E72.W1)	1.0	25.20	3.60	7.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 East Win (G.NW17.E73.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 North Win (G.NW17.E74.W1)	1.0	68.41	3.60	19.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.NW17.E75.W1)	1.0	100.12	3.28	30.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 North Win (G.N18.E76.W1)	1.0	23.40	3.60	6.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 East Win (G.N18.E77.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 North Win (G.N18.E78.W1)	1.0	39.60	3.60	11.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.N18.E79.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 North Win (G.N18.E80.W1)	1.0	23.40	3.60	6.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 East Win (G.N18.E81.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 North Win (G.N18.E82.W1)	1.0	37.80	3.60	10.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.N18.E83.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 North Win (G.N18.E84.W1)	1.0	23.40	3.60	6.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 East Win (G.N18.E85.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 North Win (G.N18.E86.W1)	1.0	39.60	3.60	11.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.N18.E87.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 South Win (G.E19.E88.W1)	1.0	83.14	3.54	23.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 East Win (G.E19.E89.W1)	1.0	70.26	2.16	32.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 North Win (G.E19.E90.W1)	1.0	27.00	3.60	7.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 East Win (G.E19.E91.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 North Win (G.E19.E92.W1)	1.0	39.60	3.60	11.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.E19.E93.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 North Win (G.W21.E94.W1)	1.0	18.00	3.60	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.W21.E95.W1)	1.0	34.47	3.28	10.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 South Win (G.W21.E96.W1)	1.0	17.69	3.54	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.W21.E97.W1)	1.0	32.83	3.28	10.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 North Win (G.W21.E98.W1)	1.0	18.00	3.60	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.W21.E99.W1)	1.0	96.83	3.28	29.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 South Win (G.W21.E100.W1)	1.0	17.69	3.54	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.W21.E101.W1)	1.0	31.18	3.28	9.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 North Win (G.W21.E102.W1)	1.0	18.00	3.60	5.00	0.00	3.12	0.00	0.00	0.384	0.000

(Note: u-values include outside air film)

WINDOW NAME	MULTIPLIER	LOCATION OF ORIGIN								
		GLASS AREA	GLASS HEIGHT	GLASS WIDTH	IN SURFACE COORDINATES		FRAME	CURB	FRAME	CURB
		(SQFT)	(FT)	(FT)	X (FT)	Y (FT)	AREA	U-VALUE	U-VALUE	U-VALUE
		(SQFT)	(FT)	(FT)	X (FT)	Y (FT)	(SQFT)	(BTU/HR-SQFT-F)		
L3 West Win (G.W21.E103.W1)	1.0	32.83	3.28	10.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.W21.E104.W1)	1.0	19.70	3.28	6.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 South Win (G.SW22.E105.W1)	1.0	90.22	3.54	25.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.SW22.E106.W1)	1.0	22.98	3.28	7.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 South Win (G.SW22.E107.W1)	1.0	26.53	3.54	7.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 West Win (G.SW22.E108.W1)	1.0	88.63	3.28	27.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 East Win (G.S24.E109.W1)	1.0	7.57	2.16	3.50	0.00	3.12	0.00	0.00	0.384	0.000
L3 South Win (G.S24.E110.W1)	1.0	77.83	3.54	22.00	0.00	3.12	0.00	0.00	0.384	0.000
L3 South Win (G.S24.E111.W1)	1.0	159.21	3.54	45.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 North Win (G.N3.E1.W1)	1.0	147.61	3.60	41.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 East Win (G.N3.E2.W1)	1.0	2.16	2.16	1.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 North Win (G.N4.E3.W1)	1.0	36.00	3.60	10.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 East Win (G.N4.E4.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 North Win (G.N4.E5.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 West Win (G.N4.E6.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 North Win (G.N4.E7.W1)	1.0	36.00	3.60	10.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 East Win (G.N4.E8.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 North Win (G.N4.E9.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 West Win (G.N4.E10.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 North Win (G.N4.E11.W1)	1.0	36.00	3.60	10.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 East Win (G.N4.E12.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 North Win (G.N4.E13.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 West Win (G.N4.E14.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 North Win (G.N4.E15.W1)	1.0	36.00	3.60	10.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 East Win (G.N4.E16.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 North Win (G.N4.E17.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 West Win (G.N4.E18.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 South Win (G.E5.E19.W1)	1.0	77.83	3.54	22.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 East Win (G.E5.E20.W1)	1.0	73.51	2.16	34.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 North Win (G.E5.E21.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 East Win (G.E5.E22.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 North Win (G.E5.E23.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 West Win (G.E5.E24.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 North Win (G.W6.E26.W1)	1.0	81.01	3.60	22.50	0.00	3.12	0.00	0.00	0.384	0.000
L4 West Win (G.W6.E27.W1)	1.0	111.61	3.28	34.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 West Win (G.W7.E28.W1)	1.0	49.24	3.28	15.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 East Win (G.E8.E29.W1)	1.0	36.75	2.16	17.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 South Win (G.E9.E30.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000
L4 West Win (G.E9.E31.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 South Win (G.E9.E32.W1)	1.0	51.30	3.54	14.50	0.00	3.12	0.00	0.00	0.384	0.000
L4 East Win (G.E9.E33.W1)	1.0	84.32	2.16	39.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 North Win (G.E9.E34.W1)	1.0	79.21	3.60	22.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 West Win (G.S10.E35.W1)	1.0	26.26	3.28	8.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 South Win (G.S10.E36.W1)	1.0	7.08	3.54	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 East Win (G.S10.E37.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 South Win (G.S10.E38.W1)	1.0	12.38	3.54	3.50	0.00	3.12	0.00	0.00	0.384	0.000
L4 West Win (G.S10.E39.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 South Win (G.S10.E40.W1)	1.0	45.99	3.54	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 East Win (G.S10.E41.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 South Win (G.S10.E42.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000
L4 West Win (G.S10.E43.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 South Win (G.S10.E44.W1)	1.0	45.99	3.54	13.00	0.00	3.12	0.00	0.00	0.384	0.000

(Note: u-values include outside air film)

WINDOW NAME	MULTIPLIER	LOCATION OF ORIGIN									
		GLASS AREA	GLASS HEIGHT	GLASS WIDTH	IN SURFACE COORDINATES		FRAME	CURB	FRAME	CURB	
		(SQFT)	(FT)	(FT)	X (FT)	Y (FT)	AREA	U-VALUE	U-VALUE	U-VALUE	
		(SQFT)	(FT)	(FT)	X (FT)	Y (FT)	(SQFT)	(BTU/HR-SQFT-F)			
L4 East Win (G.S10.E45.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 South Win (G.S10.E46.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000	
L4 West Win (G.S10.E47.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 South Win (G.S10.E48.W1)	1.0	45.99	3.54	13.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 East Win (G.S10.E49.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 South Win (G.S10.E50.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000	
L4 West Win (G.S10.E51.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 South Win (G.S10.E52.W1)	1.0	44.22	3.54	12.50	0.00	3.12	0.00	0.00	0.384	0.000	
L4 East Win (G.S10.E53.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 South Win (G.S10.E54.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000	
L4 West Win (G.S10.E55.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 South Win (G.S10.E56.W1)	1.0	45.99	3.54	13.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 East Win (G.S10.E57.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 South Win (G.S10.E58.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000	
L4 West Win (G.S10.E59.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 South Win (G.S10.E60.W1)	1.0	45.99	3.54	13.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 East Win (G.S10.E61.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 South Win (G.S10.E62.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000	
L4 West Win (G.S10.E63.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 South Win (G.S10.E64.W1)	1.0	44.22	3.54	12.50	0.00	3.12	0.00	0.00	0.384	0.000	
L4 East Win (G.S10.E65.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 North Win (G.E13.E67.W1)	1.0	12.60	3.60	3.50	0.00	3.12	0.00	0.00	0.384	0.000	
L4 East Win (G.E13.E68.W1)	1.0	17.30	2.16	8.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 East Win (G.E13.E69.W1)	1.0	119.99	2.16	55.50	0.00	3.12	0.00	0.00	0.384	0.000	
L4 South Win (G.NW17.E70.W1)	1.0	12.38	3.54	3.50	0.00	3.12	0.00	0.00	0.384	0.000	
L4 West Win (G.NW17.E71.W1)	1.0	22.98	3.28	7.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 North Win (G.NW17.E72.W1)	1.0	25.20	3.60	7.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 East Win (G.NW17.E73.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 North Win (G.NW17.E74.W1)	1.0	68.41	3.60	19.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 West Win (G.NW17.E75.W1)	1.0	100.12	3.28	30.50	0.00	3.12	0.00	0.00	0.384	0.000	
L4 North Win (G.N18.E76.W1)	1.0	23.40	3.60	6.50	0.00	3.12	0.00	0.00	0.384	0.000	
L4 East Win (G.N18.E77.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 North Win (G.N18.E78.W1)	1.0	39.60	3.60	11.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 West Win (G.N18.E79.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 North Win (G.N18.E80.W1)	1.0	23.40	3.60	6.50	0.00	3.12	0.00	0.00	0.384	0.000	
L4 East Win (G.N18.E81.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 North Win (G.N18.E82.W1)	1.0	37.80	3.60	10.50	0.00	3.12	0.00	0.00	0.384	0.000	
L4 West Win (G.N18.E83.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 North Win (G.N18.E84.W1)	1.0	23.40	3.60	6.50	0.00	3.12	0.00	0.00	0.384	0.000	
L4 East Win (G.N18.E85.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 North Win (G.N18.E86.W1)	1.0	39.60	3.60	11.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 West Win (G.N18.E87.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 South Win (G.E19.E88.W1)	1.0	83.14	3.54	23.50	0.00	3.12	0.00	0.00	0.384	0.000	
L4 East Win (G.E19.E89.W1)	1.0	70.26	2.16	32.50	0.00	3.12	0.00	0.00	0.384	0.000	
L4 North Win (G.E19.E90.W1)	1.0	27.00	3.60	7.50	0.00	3.12	0.00	0.00	0.384	0.000	
L4 East Win (G.E19.E91.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 North Win (G.E19.E92.W1)	1.0	39.60	3.60	11.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 West Win (G.E19.E93.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 North Win (G.W21.E94.W1)	1.0	18.00	3.60	5.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 West Win (G.W21.E95.W1)	1.0	34.47	3.28	10.50	0.00	3.12	0.00	0.00	0.384	0.000	
L4 South Win (G.W21.E96.W1)	1.0	17.69	3.54	5.00	0.00	3.12	0.00	0.00	0.384	0.000	
L4 West Win (G.W21.E97.W1)	1.0	32.83	3.28	10.00	0.00	3.12	0.00	0.00	0.384	0.000	

REPORT- LV-H Details of Windows

WEATHER FILE- SEATTLE BOEING FI WA

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

(Note: u-values include outside air film)

WINDOW NAME	MULTIPLIER	GLASS			LOCATION OF ORIGIN IN SURFACE COORDINATES		FRAME AREA (SQFT)	CURB U-VALUE (BTU/HR-SQFT-F)	FRAME AREA (SQFT)	CURB U-VALUE (BTU/HR-SQFT-F)
		GLASS AREA (SQFT)	GLASS HEIGHT (FT)	GLASS WIDTH (FT)	X (FT)	Y (FT)				
L4 North Win (G.W21.E98.W1)	1.0	18.00	3.60	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 West Win (G.W21.E99.W1)	1.0	96.83	3.28	29.50	0.00	3.12	0.00	0.00	0.384	0.000
L4 South Win (G.W21.E100.W1)	1.0	17.69	3.54	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 West Win (G.W21.E101.W1)	1.0	31.18	3.28	9.50	0.00	3.12	0.00	0.00	0.384	0.000
L4 North Win (G.W21.E102.W1)	1.0	18.00	3.60	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 West Win (G.W21.E103.W1)	1.0	32.83	3.28	10.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 West Win (G.W21.E104.W1)	1.0	19.70	3.28	6.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 South Win (G.SW22.E105.W1)	1.0	90.22	3.54	25.50	0.00	3.12	0.00	0.00	0.384	0.000
L4 West Win (G.SW22.E106.W1)	1.0	22.98	3.28	7.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 South Win (G.SW22.E107.W1)	1.0	26.53	3.54	7.50	0.00	3.12	0.00	0.00	0.384	0.000
L4 West Win (G.SW22.E108.W1)	1.0	88.63	3.28	27.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 East Win (G.S24.E109.W1)	1.0	7.57	2.16	3.50	0.00	3.12	0.00	0.00	0.384	0.000
L4 South Win (G.S24.E110.W1)	1.0	77.83	3.54	22.00	0.00	3.12	0.00	0.00	0.384	0.000
L4 South Win (G.S24.E111.W1)	1.0	159.21	3.54	45.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 North Win (G.N3.E1.W1)	1.0	147.61	3.60	41.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 East Win (G.N3.E2.W1)	1.0	2.16	2.16	1.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 North Win (G.N4.E3.W1)	1.0	36.00	3.60	10.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 East Win (G.N4.E4.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 North Win (G.N4.E5.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.N4.E6.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 North Win (G.N4.E7.W1)	1.0	36.00	3.60	10.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 East Win (G.N4.E8.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 North Win (G.N4.E9.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.N4.E10.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 North Win (G.N4.E11.W1)	1.0	36.00	3.60	10.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 East Win (G.N4.E12.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 North Win (G.N4.E13.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.N4.E14.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 North Win (G.N4.E15.W1)	1.0	36.00	3.60	10.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 East Win (G.N4.E16.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 North Win (G.N4.E17.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.N4.E18.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 South Win (G.E5.E19.W1)	1.0	77.83	3.54	22.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 East Win (G.E5.E20.W1)	1.0	73.51	2.16	34.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 North Win (G.E5.E21.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 East Win (G.E5.E22.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 North Win (G.E5.E23.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.E5.E24.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 North Win (G.W6.E26.W1)	1.0	81.01	3.60	22.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.W6.E27.W1)	1.0	111.61	3.28	34.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.W7.E28.W1)	1.0	49.24	3.28	15.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 East Win (G.E8.E29.W1)	1.0	36.75	2.16	17.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 South Win (G.E9.E30.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.E9.E31.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 South Win (G.E9.E32.W1)	1.0	51.30	3.54	14.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 East Win (G.E9.E33.W1)	1.0	84.32	2.16	39.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 North Win (G.E9.E34.W1)	1.0	79.21	3.60	22.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.S10.E35.W1)	1.0	26.26	3.28	8.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 South Win (G.S10.E36.W1)	1.0	7.08	3.54	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 East Win (G.S10.E37.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 South Win (G.S10.E38.W1)	1.0	12.38	3.54	3.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.S10.E39.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000

(Note: u-values include outside air film)

WINDOW NAME	MULTIPLIER	LOCATION OF ORIGIN								
		GLASS AREA	GLASS HEIGHT	GLASS WIDTH	IN SURFACE COORDINATES		FRAME AREA	CURB	FRAME U-VALUE	CURB
		(SQFT)	(FT)	(FT)	X (FT)	Y (FT)	(SQFT)		(BTU/HR-SQFT-F)	
L5 South Win (G.S10.E40.W1)	1.0	45.99	3.54	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 East Win (G.S10.E41.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 South Win (G.S10.E42.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.S10.E43.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 South Win (G.S10.E44.W1)	1.0	45.99	3.54	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 East Win (G.S10.E45.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 South Win (G.S10.E46.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.S10.E47.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 South Win (G.S10.E48.W1)	1.0	45.99	3.54	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 East Win (G.S10.E49.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 South Win (G.S10.E50.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.S10.E51.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 South Win (G.S10.E52.W1)	1.0	44.22	3.54	12.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 East Win (G.S10.E53.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 South Win (G.S10.E54.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.S10.E55.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 South Win (G.S10.E56.W1)	1.0	45.99	3.54	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 East Win (G.S10.E57.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 South Win (G.S10.E58.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.S10.E59.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 South Win (G.S10.E60.W1)	1.0	45.99	3.54	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 East Win (G.S10.E61.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 South Win (G.S10.E62.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.S10.E63.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 South Win (G.S10.E64.W1)	1.0	44.22	3.54	12.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 East Win (G.S10.E65.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 North Win (G.E13.E67.W1)	1.0	12.60	3.60	3.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 East Win (G.E13.E68.W1)	1.0	17.30	2.16	8.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 East Win (G.E13.E69.W1)	1.0	119.99	2.16	55.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 South Win (G.NW17.E70.W1)	1.0	12.38	3.54	3.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.NW17.E71.W1)	1.0	22.98	3.28	7.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 North Win (G.NW17.E72.W1)	1.0	25.20	3.60	7.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 East Win (G.NW17.E73.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 North Win (G.NW17.E74.W1)	1.0	68.41	3.60	19.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.NW17.E75.W1)	1.0	100.12	3.28	30.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 North Win (G.N18.E76.W1)	1.0	23.40	3.60	6.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 East Win (G.N18.E77.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 North Win (G.N18.E78.W1)	1.0	39.60	3.60	11.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.N18.E79.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 North Win (G.N18.E80.W1)	1.0	23.40	3.60	6.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 East Win (G.N18.E81.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 North Win (G.N18.E82.W1)	1.0	37.80	3.60	10.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.N18.E83.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 North Win (G.N18.E84.W1)	1.0	23.40	3.60	6.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 East Win (G.N18.E85.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 North Win (G.N18.E86.W1)	1.0	39.60	3.60	11.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.N18.E87.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 South Win (G.E19.E88.W1)	1.0	83.14	3.54	23.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 East Win (G.E19.E89.W1)	1.0	70.26	2.16	32.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 North Win (G.E19.E90.W1)	1.0	27.00	3.60	7.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 East Win (G.E19.E91.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 North Win (G.E19.E92.W1)	1.0	39.60	3.60	11.00	0.00	3.12	0.00	0.00	0.384	0.000

REPORT- LV-H Details of Windows

WEATHER FILE- SEATTLE BOEING FI WA

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

(Note: u-values include outside air film)

WINDOW NAME	MULTIPLIER	GLASS			LOCATION OF ORIGIN IN SURFACE COORDINATES		FRAME AREA (SQFT)	CURB	FRAME CURB U-VALUE (BTU/HR-SQFT-F)	
		GLASS AREA (SQFT)	GLASS HEIGHT (FT)	GLASS WIDTH (FT)	X (FT)	Y (FT)				
L5 West Win (G.E19.E93.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 North Win (G.W21.E94.W1)	1.0	18.00	3.60	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.W21.E95.W1)	1.0	34.47	3.28	10.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 South Win (G.W21.E96.W1)	1.0	17.69	3.54	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.W21.E97.W1)	1.0	32.83	3.28	10.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 North Win (G.W21.E98.W1)	1.0	18.00	3.60	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.W21.E99.W1)	1.0	96.83	3.28	29.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 South Win (G.W21.E100.W1)	1.0	17.69	3.54	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.W21.E101.W1)	1.0	31.18	3.28	9.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 North Win (G.W21.E102.W1)	1.0	18.00	3.60	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.W21.E103.W1)	1.0	32.83	3.28	10.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.W21.E104.W1)	1.0	19.70	3.28	6.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 South Win (G.SW22.E105.W1)	1.0	90.22	3.54	25.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.SW22.E106.W1)	1.0	22.98	3.28	7.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 South Win (G.SW22.E107.W1)	1.0	26.53	3.54	7.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 West Win (G.SW22.E108.W1)	1.0	88.63	3.28	27.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 East Win (G.S24.E109.W1)	1.0	7.57	2.16	3.50	0.00	3.12	0.00	0.00	0.384	0.000
L5 South Win (G.S24.E110.W1)	1.0	77.83	3.54	22.00	0.00	3.12	0.00	0.00	0.384	0.000
L5 South Win (G.S24.E111.W1)	1.0	159.21	3.54	45.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 North Win (G.N3.E1.W1)	1.0	147.61	3.60	41.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 East Win (G.N3.E2.W1)	1.0	2.16	2.16	1.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 North Win (G.N4.E3.W1)	1.0	36.00	3.60	10.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 East Win (G.N4.E4.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 North Win (G.N4.E5.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 West Win (G.N4.E6.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 North Win (G.N4.E7.W1)	1.0	36.00	3.60	10.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 East Win (G.N4.E8.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 North Win (G.N4.E9.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 West Win (G.N4.E10.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 North Win (G.N4.E11.W1)	1.0	36.00	3.60	10.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 East Win (G.N4.E12.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 North Win (G.N4.E13.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 West Win (G.N4.E14.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 North Win (G.N4.E15.W1)	1.0	36.00	3.60	10.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 East Win (G.N4.E16.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 North Win (G.N4.E17.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 West Win (G.N4.E18.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 South Win (G.E5.E19.W1)	1.0	77.83	3.54	22.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 East Win (G.E5.E20.W1)	1.0	73.51	2.16	34.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 North Win (G.E5.E21.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 East Win (G.E5.E22.W1)	1.0	10.81	2.16	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 North Win (G.E5.E23.W1)	1.0	46.80	3.60	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 West Win (G.E5.E24.W1)	1.0	16.41	3.28	5.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 North Win (G.W6.E26.W1)	1.0	81.01	3.60	22.50	0.00	3.12	0.00	0.00	0.384	0.000
L6 West Win (G.W6.E27.W1)	1.0	111.61	3.28	34.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 West Win (G.W7.E28.W1)	1.0	49.24	3.28	15.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 East Win (G.E8.E29.W1)	1.0	36.75	2.16	17.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 South Win (G.E9.E30.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000
L6 West Win (G.E9.E31.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 South Win (G.E9.E32.W1)	1.0	51.30	3.54	14.50	0.00	3.12	0.00	0.00	0.384	0.000
L6 East Win (G.E9.E33.W1)	1.0	84.32	2.16	39.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 North Win (G.E9.E34.W1)	1.0	79.21	3.60	22.00	0.00	3.12	0.00	0.00	0.384	0.000

(Note: u-values include outside air film)

WINDOW NAME	MULTIPLIER	LOCATION OF ORIGIN									
		GLASS AREA	GLASS HEIGHT	GLASS WIDTH	IN SURFACE COORDINATES		FRAME	CURB	FRAME	CURB	
		(SQFT)	(FT)	(FT)	X (FT)	Y (FT)	AREA	U-VALUE	U-VALUE	U-VALUE	
		(SQFT)	(FT)	(FT)	X (FT)	Y (FT)	(SQFT)	(BTU/HR-SQFT-F)	(BTU/HR-SQFT-F)	(BTU/HR-SQFT-F)	
L6 West Win (G.S10.E35.W1)	1.0	26.26	3.28	8.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 South Win (G.S10.E36.W1)	1.0	7.08	3.54	2.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 East Win (G.S10.E37.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 South Win (G.S10.E38.W1)	1.0	12.38	3.54	3.50	0.00	3.12	0.00	0.00	0.384	0.000	
L6 West Win (G.S10.E39.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 South Win (G.S10.E40.W1)	1.0	45.99	3.54	13.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 East Win (G.S10.E41.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 South Win (G.S10.E42.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000	
L6 West Win (G.S10.E43.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 South Win (G.S10.E44.W1)	1.0	45.99	3.54	13.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 East Win (G.S10.E45.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 South Win (G.S10.E46.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000	
L6 West Win (G.S10.E47.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 South Win (G.S10.E48.W1)	1.0	45.99	3.54	13.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 East Win (G.S10.E49.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 South Win (G.S10.E50.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000	
L6 West Win (G.S10.E51.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 South Win (G.S10.E52.W1)	1.0	44.22	3.54	12.50	0.00	3.12	0.00	0.00	0.384	0.000	
L6 East Win (G.S10.E53.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 South Win (G.S10.E54.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000	
L6 West Win (G.S10.E55.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 South Win (G.S10.E56.W1)	1.0	45.99	3.54	13.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 East Win (G.S10.E57.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 South Win (G.S10.E58.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000	
L6 West Win (G.S10.E59.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 South Win (G.S10.E60.W1)	1.0	45.99	3.54	13.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 East Win (G.S10.E61.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 South Win (G.S10.E62.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000	
L6 West Win (G.S10.E63.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 South Win (G.S10.E64.W1)	1.0	44.22	3.54	12.50	0.00	3.12	0.00	0.00	0.384	0.000	
L6 East Win (G.S10.E65.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 North Win (G.E13.E67.W1)	1.0	12.60	3.60	3.50	0.00	3.12	0.00	0.00	0.384	0.000	
L6 East Win (G.E13.E68.W1)	1.0	17.30	2.16	8.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 East Win (G.E13.E69.W1)	1.0	119.99	2.16	55.50	0.00	3.12	0.00	0.00	0.384	0.000	
L6 West Win (G.NW17.E70.W1)	1.0	106.68	3.28	32.50	0.00	3.12	0.00	0.00	0.384	0.000	
L6 North Win (G.NW17.E71.W1)	1.0	81.01	3.60	22.50	0.00	3.12	0.00	0.00	0.384	0.000	
L6 North Win (G.N18.E72.W1)	1.0	187.22	3.60	52.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 South Win (G.E19.E73.W1)	1.0	83.14	3.54	23.50	0.00	3.12	0.00	0.00	0.384	0.000	
L6 East Win (G.E19.E74.W1)	1.0	70.26	2.16	32.50	0.00	3.12	0.00	0.00	0.384	0.000	
L6 North Win (G.E19.E75.W1)	1.0	66.61	3.60	18.50	0.00	3.12	0.00	0.00	0.384	0.000	
L6 North Win (G.W21.E76.W1)	1.0	18.00	3.60	5.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 West Win (G.W21.E77.W1)	1.0	34.47	3.28	10.50	0.00	3.12	0.00	0.00	0.384	0.000	
L6 South Win (G.W21.E78.W1)	1.0	17.69	3.54	5.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 West Win (G.W21.E79.W1)	1.0	32.83	3.28	10.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 North Win (G.W21.E80.W1)	1.0	18.00	3.60	5.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 West Win (G.W21.E81.W1)	1.0	96.83	3.28	29.50	0.00	3.12	0.00	0.00	0.384	0.000	
L6 South Win (G.W21.E82.W1)	1.0	17.69	3.54	5.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 West Win (G.W21.E83.W1)	1.0	31.18	3.28	9.50	0.00	3.12	0.00	0.00	0.384	0.000	
L6 North Win (G.W21.E84.W1)	1.0	18.00	3.60	5.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 West Win (G.W21.E85.W1)	1.0	32.83	3.28	10.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 West Win (G.W21.E86.W1)	1.0	19.70	3.28	6.00	0.00	3.12	0.00	0.00	0.384	0.000	
L6 South Win (G.SW22.E87.W1)	1.0	90.22	3.54	25.50	0.00	3.12	0.00	0.00	0.384	0.000	

REPORT- LV-H Details of Windows

WEATHER FILE- SEATTLE BOEING FI WA

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

(Note: u-values include outside air film)

WINDOW NAME	MULTIPLIER	GLASS AREA (SQFT)	GLASS HEIGHT (FT)	GLASS WIDTH (FT)	LOCATION OF ORIGIN IN SURFACE COORDINATES		FRAME AREA (SQFT)	CURB	FRAME AREA (BTU/HR-SQFT-F)	CURB
					X (FT)	Y (FT)				
L6 West Win (G.SW22.E88.W1)	1.0	22.98	3.28	7.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 South Win (G.SW22.E89.W1)	1.0	26.53	3.54	7.50	0.00	3.12	0.00	0.00	0.384	0.000
L6 West Win (G.SW22.E90.W1)	1.0	88.63	3.28	27.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 East Win (G.S24.E91.W1)	1.0	7.57	2.16	3.50	0.00	3.12	0.00	0.00	0.384	0.000
L6 South Win (G.S24.E92.W1)	1.0	77.83	3.54	22.00	0.00	3.12	0.00	0.00	0.384	0.000
L6 South Win (G.S24.E93.W1)	1.0	159.21	3.54	45.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 South Win (G.N3.E1.W1)	1.0	77.83	3.54	22.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 North Win (G.N3.E2.W1)	1.0	147.61	3.60	41.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 East Win (G.N3.E3.W1)	1.0	2.16	2.16	1.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 North Win (G.N4.E4.W1)	1.0	331.23	3.60	92.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 South Win (G.E5.E5.W1)	1.0	77.83	3.54	22.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 East Win (G.E5.E6.W1)	1.0	73.51	2.16	34.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 North Win (G.E5.E7.W1)	1.0	93.61	3.60	26.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 North Win (G.W6.E9.W1)	1.0	81.01	3.60	22.50	0.00	3.12	0.00	0.00	0.384	0.000
L7 West Win (G.W6.E10.W1)	1.0	111.61	3.28	34.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 West Win (G.W7.E11.W1)	1.0	49.24	3.28	15.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 East Win (G.E8.E12.W1)	1.0	36.75	2.16	17.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 South Win (G.E9.E13.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000
L7 West Win (G.E9.E14.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 South Win (G.E9.E15.W1)	1.0	51.30	3.54	14.50	0.00	3.12	0.00	0.00	0.384	0.000
L7 East Win (G.E9.E16.W1)	1.0	84.32	2.16	39.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 North Win (G.E9.E17.W1)	1.0	79.21	3.60	22.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 South Win (G.SSW10.E18.W1)	1.0	7.08	3.54	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 East Win (G.SSW10.E19.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 South Win (G.SSW10.E20.W1)	1.0	12.38	3.54	3.50	0.00	3.12	0.00	0.00	0.384	0.000
L7 West Win (G.SSW10.E21.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 South Win (G.SSW10.E22.W1)	1.0	45.99	3.54	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 East Win (G.SSW10.E23.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 South Win (G.SSW10.E24.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000
L7 West Win (G.SSW10.E25.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 South Win (G.SSW10.E26.W1)	1.0	45.99	3.54	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 East Win (G.SSW10.E27.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 South Win (G.SSW10.E28.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000
L7 West Win (G.SSW10.E29.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 South Win (G.SSW10.E30.W1)	1.0	45.99	3.54	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 East Win (G.SSW10.E31.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 South Win (G.SSW10.E32.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000
L7 West Win (G.SSW10.E33.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 South Win (G.SSW10.E34.W1)	1.0	44.22	3.54	12.50	0.00	3.12	0.00	0.00	0.384	0.000
L7 East Win (G.SSW10.E35.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 South Win (G.SSW10.E36.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000
L7 West Win (G.SSW10.E37.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 South Win (G.SSW10.E38.W1)	1.0	45.99	3.54	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 East Win (G.SSW10.E39.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 South Win (G.SSW10.E40.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000
L7 West Win (G.SSW10.E41.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 South Win (G.SSW10.E42.W1)	1.0	45.99	3.54	13.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 East Win (G.SSW10.E43.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 South Win (G.SSW10.E44.W1)	1.0	15.92	3.54	4.50	0.00	3.12	0.00	0.00	0.384	0.000
L7 West Win (G.SSW10.E45.W1)	1.0	6.57	3.28	2.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 South Win (G.SSW10.E46.W1)	1.0	44.22	3.54	12.50	0.00	3.12	0.00	0.00	0.384	0.000
L7 East Win (G.SSW10.E47.W1)	1.0	4.32	2.16	2.00	0.00	3.12	0.00	0.00	0.384	0.000

(Note: u-values include outside air film)

WINDOW NAME	MULTIPLIER	GLASS			LOCATION OF ORIGIN IN SURFACE COORDINATES		FRAME AREA (SQFT)	CURB U-VALUE (BTU/HR-SQFT-F)	FRAME AREA (SQFT)	CURB U-VALUE (BTU/HR-SQFT-F)
		GLASS AREA (SQFT)	GLASS HEIGHT (FT)	GLASS WIDTH (FT)	X (FT)	Y (FT)				
L7 West Win (G.SSW10.E48.W1)	1.0	108.32	3.28	33.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 East Win (G.E13.E50.W1)	1.0	61.62	2.16	28.50	0.00	3.12	0.00	0.00	0.384	0.000
L7 West Win (G.W18.E51.W1)	1.0	118.17	3.28	36.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 South Win (G.SW19.E52.W1)	1.0	90.22	3.54	25.50	0.00	3.12	0.00	0.00	0.384	0.000
L7 West Win (G.SW19.E53.W1)	1.0	111.61	3.28	34.00	0.00	3.12	0.00	0.00	0.384	0.000
L7 North Win (G.C20.E54.W1)	1.0	41.40	3.60	11.50	0.00	3.12	0.00	0.00	0.384	0.000
L7 West Win (G.NW21.E55.W1)	1.0	222.83	7.07	31.50	0.00	1.00	0.00	0.00	0.384	0.000
L7 North Win (G.NW21.E56.W1)	1.0	194.53	7.07	27.50	0.00	1.00	0.00	0.00	0.384	0.000
L7 North Win (G.NE22.E57.W1)	1.0	222.83	7.07	31.50	0.00	1.00	0.00	0.00	0.384	0.000
L7 East Win (G.NE22.E58.W1)	1.0	191.00	7.07	27.00	0.00	1.00	0.00	0.00	0.384	0.000
L7 East Win (G.SSE23.E59.W1)	1.0	61.62	2.16	28.50	0.00	3.12	0.00	0.00	0.384	0.000
L7 South Win (G.SSE23.E60.W1)	1.0	159.21	3.54	45.00	0.00	3.12	0.00	0.00	0.384	0.000
L8 East Win (G.E3.E4.W1)	1.0	61.62	2.16	28.50	0.00	3.12	0.00	0.00	0.384	0.000
L8 West Win (G.W8.E10.W1)	1.0	118.17	3.28	36.00	0.00	3.12	0.00	0.00	0.384	0.000
L8 South Win (G.SW9.E12.W1)	1.0	79.60	3.54	22.50	0.00	3.12	0.00	0.00	0.384	0.000
L8 West Win (G.SW9.E13.W1)	1.0	96.83	3.28	29.50	0.00	3.12	0.00	0.00	0.384	0.000
L8 East Win (G.C10.E15.W1)	1.0	19.46	2.16	9.00	0.00	3.12	0.00	0.00	0.384	0.000
L8 West Win (G.NW11.E17.W1)	1.0	105.04	3.28	32.00	0.00	3.12	0.00	0.00	0.384	0.000
L8 North Win (G.NW11.E18.W1)	1.0	118.81	3.60	33.00	0.00	3.12	0.00	0.00	0.384	0.000
L8 North Win (G.NE12.E20.W1)	1.0	124.21	3.60	34.50	0.00	3.12	0.00	0.00	0.384	0.000
L8 East Win (G.NE12.E21.W1)	1.0	59.45	2.16	27.50	0.00	3.12	0.00	0.00	0.384	0.000
L8 South Win (G.S13.E23.W1)	1.0	79.60	3.54	22.50	0.00	3.12	0.00	0.00	0.384	0.000
L8 South Win (G.SE14.E25.W1)	1.0	79.60	3.54	22.50	0.00	3.12	0.00	0.00	0.384	0.000
L8 East Win (G.SE14.E26.W1)	1.0	51.89	2.16	24.00	0.00	3.12	0.00	0.00	0.384	0.000

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
Window 593	0.00	0.46	1	0.400	0.600	0.878	1.000
Window 592	0.00	0.46	1	0.400	0.600	0.878	1.000
Window 591	0.00	0.46	1	0.400	0.600	0.878	1.000
L1 North Win (G.C4.E3.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L1 North Win (G.N5.E4.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L1 South Win (G.E6.E5.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L1 East Win (G.E6.E6.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L1 North Win (G.E6.E7.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L1 North Win (G.W7.E9.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L1 West Win (G.W7.E10.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L1 West Win (G.W8.E11.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L1 East Win (G.E9.E12.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L1 East Win (G.E10.E13.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L1 North Win (G.E10.E14.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L1 South Win (G.E10.E15.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L1 South Win (G.S11.E16.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L1 North Win (G.S17.E24.W1)	0.00	0.46	1	0.500	0.600	0.878	1.000
L1 East Win (G.S17.E25.W1)	0.00	0.46	1	0.500	0.600	0.878	1.000
L1 East Win (G.E19.E27.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L1 East Win (G.NNE24.E30.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L1 West Win (G.WNW27.E37.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L1 North Win (G.WNW27.E39.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000

REPORT- LV-H Details of Windows

WEATHER FILE- SEATTLE BOEING FI WA

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

WINDOW NAME	SETBACK (FT)	GLASS SHADING COEFF	NUMBER OF PANES	CENTER-OF- GLASS U-VALUE (BTU/HR-SQFT-F)	GLASS VISIBLE TRANS	GLASS SOLAR TRANS	SURFACE TO ROUGH OPEN AREA RATIO
L1 North Win (G.N28.E42.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L1 East Win (G.E29.E45.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L1 North Win (G.E29.E46.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 North Win (G.C3.E1.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 North Win (G.N4.E2.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 East Win (G.N4.E3.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 North Win (G.N4.E4.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 West Win (G.N4.E5.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 North Win (G.N4.E6.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 East Win (G.N4.E7.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 North Win (G.N4.E8.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 West Win (G.N4.E9.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 North Win (G.N4.E10.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 East Win (G.N4.E11.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 North Win (G.N4.E12.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 West Win (G.N4.E13.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 North Win (G.N4.E14.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 East Win (G.N4.E15.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 North Win (G.N4.E16.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 West Win (G.N4.E17.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 South Win (G.E5.E18.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 East Win (G.E5.E19.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 North Win (G.E5.E20.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 East Win (G.E5.E21.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 North Win (G.E5.E22.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 West Win (G.E5.E23.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 North Win (G.W6.E25.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 West Win (G.W6.E26.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 West Win (G.W7.E27.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 East Win (G.E8.E28.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 East Win (G.E9.E29.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 North Win (G.E9.E30.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 East Win (G.E9.E31.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 South Win (G.E9.E32.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 West Win (G.S10.E33.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 South Win (G.S10.E34.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 East Win (G.S10.E35.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 South Win (G.S10.E36.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 West Win (G.S10.E37.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 South Win (G.S10.E38.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 East Win (G.S10.E39.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 South Win (G.S10.E40.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 West Win (G.S10.E41.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 South Win (G.S10.E42.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 East Win (G.S10.E43.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 South Win (G.S10.E44.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 South Win (G.S10.E45.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 West Win (G.SSW12.E46.W1)	0.00	0.46	1	0.500	0.600	0.878	1.000
L2 South Win (G.SSW12.E47.W1)	0.00	0.46	1	0.500	0.600	0.878	1.000
L2 North Win (G.SSW12.E48.W1)	0.00	0.46	1	0.500	0.600	0.878	1.000
L2 East Win (G.SSW12.E49.W1)	0.00	0.46	1	0.500	0.600	0.878	1.000
L2 South Win (G.SSW12.E50.W1)	0.00	0.46	1	0.500	0.600	0.878	1.000
L2 South Win (G.SSW12.E51.W1)	0.00	0.46	1	0.500	0.600	0.878	1.000
L2 North Win (G.E14.E53.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000

REPORT- LV-H Details of Windows

WEATHER FILE- SEATTLE BOEING FI WA

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

WINDOW NAME	SETBACK (FT)	GLASS SHADING COEFF	NUMBER OF PANES	CENTER-OF- GLASS U-VALUE (BTU/HR-SQFT-F)	GLASS VISIBLE TRANS	GLASS SOLAR TRANS	SURFACE TO ROUGH OPEN AREA RATIO
L2 East Win (G.E14.E54.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 East Win (G.E14.E55.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 North Win (G.WNW18.E57.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 East Win (G.WNW18.E58.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 North Win (G.WNW18.E59.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 West Win (G.WNW18.E60.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 North Win (G.WNW18.E61.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 East Win (G.WNW18.E62.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 North Win (G.WNW18.E63.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 West Win (G.WNW18.E64.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 North Win (G.N19.E65.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 East Win (G.N19.E66.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 North Win (G.N19.E67.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 West Win (G.N19.E68.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 North Win (G.N19.E69.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 East Win (G.N19.E70.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 North Win (G.N19.E71.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 West Win (G.N19.E72.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 South Win (G.SW20.E73.W1)	0.00	0.46	1	0.500	0.600	0.878	1.000
L2 East Win (G.SW20.E74.W1)	0.00	0.46	1	0.500	0.600	0.878	1.000
L2 South Win (G.SW20.E75.W1)	0.00	0.46	1	0.500	0.600	0.878	1.000
L2 West Win (G.SW20.E76.W1)	0.00	0.46	1	0.500	0.600	0.878	1.000
L2 South Win (G.E23.E77.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 East Win (G.E23.E78.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 North Win (G.E23.E79.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 East Win (G.E23.E80.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 North Win (G.E23.E81.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 West Win (G.E23.E82.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L2 South Win (G.S27.E88.W1)	0.00	0.46	1	0.500	0.600	0.878	1.000
L3 North Win (G.N3.E1.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 East Win (G.N3.E2.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 North Win (G.N4.E3.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 East Win (G.N4.E4.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 North Win (G.N4.E5.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.N4.E6.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 North Win (G.N4.E7.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 East Win (G.N4.E8.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 North Win (G.N4.E9.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.N4.E10.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 North Win (G.N4.E11.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 East Win (G.N4.E12.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 North Win (G.N4.E13.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.N4.E14.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 North Win (G.N4.E15.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 East Win (G.N4.E16.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 North Win (G.N4.E17.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.N4.E18.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 South Win (G.E5.E19.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 East Win (G.E5.E20.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 North Win (G.E5.E21.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 East Win (G.E5.E22.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 North Win (G.E5.E23.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.E5.E24.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 North Win (G.W6.E26.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000

REPORT- LV-H Details of Windows

WEATHER FILE- SEATTLE BOEING FI WA

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

WINDOW NAME	SETBACK (FT)	GLASS SHADING COEFF	NUMBER OF PANES	CENTER-OF- GLASS U-VALUE (BTU/HR-SQFT-F)	GLASS VISIBLE TRANS	GLASS SOLAR TRANS	SURFACE TO ROUGH OPEN AREA RATIO
L3 West Win (G.W6.E27.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.W7.E28.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 East Win (G.E8.E29.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 South Win (G.E9.E30.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.E9.E31.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 South Win (G.E9.E32.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 East Win (G.E9.E33.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 North Win (G.E9.E34.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.S10.E35.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 South Win (G.S10.E36.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 East Win (G.S10.E37.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 South Win (G.S10.E38.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.S10.E39.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 South Win (G.S10.E40.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 East Win (G.S10.E41.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 South Win (G.S10.E42.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.S10.E43.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 South Win (G.S10.E44.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 East Win (G.S10.E45.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 South Win (G.S10.E46.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.S10.E47.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 South Win (G.S10.E48.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 East Win (G.S10.E49.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 South Win (G.S10.E50.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.S10.E51.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 South Win (G.S10.E52.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 East Win (G.S10.E53.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 South Win (G.S10.E54.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.S10.E55.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 South Win (G.S10.E56.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 East Win (G.S10.E57.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 South Win (G.S10.E58.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.S10.E59.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 South Win (G.S10.E60.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 East Win (G.S10.E61.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 South Win (G.S10.E62.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.S10.E63.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 South Win (G.S10.E64.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 East Win (G.S10.E65.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 North Win (G.E13.E67.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 East Win (G.E13.E68.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 East Win (G.E13.E69.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 South Win (G.NW17.E70.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.NW17.E71.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 North Win (G.NW17.E72.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 East Win (G.NW17.E73.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 North Win (G.NW17.E74.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.NW17.E75.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 North Win (G.N18.E76.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 East Win (G.N18.E77.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 North Win (G.N18.E78.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.N18.E79.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 North Win (G.N18.E80.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 East Win (G.N18.E81.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000

REPORT- LV-H Details of Windows

WEATHER FILE- SEATTLE BOEING FI WA

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

WINDOW NAME	SETBACK (FT)	GLASS SHADING COEFF	NUMBER OF PANES	CENTER-OF- GLASS U-VALUE (BTU/HR-SQFT-F)	GLASS VISIBLE TRANS	GLASS SOLAR TRANS	SURFACE TO ROUGH OPEN AREA RATIO
L3 North Win (G.N18.E82.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.N18.E83.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 North Win (G.N18.E84.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 East Win (G.N18.E85.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 North Win (G.N18.E86.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.N18.E87.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 South Win (G.E19.E88.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 East Win (G.E19.E89.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 North Win (G.E19.E90.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 East Win (G.E19.E91.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 North Win (G.E19.E92.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.E19.E93.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 North Win (G.W21.E94.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.W21.E95.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 South Win (G.W21.E96.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.W21.E97.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 North Win (G.W21.E98.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.W21.E99.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 South Win (G.W21.E100.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.W21.E101.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 North Win (G.W21.E102.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.W21.E103.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.W21.E104.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 South Win (G.SW22.E105.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.SW22.E106.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 South Win (G.SW22.E107.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 West Win (G.SW22.E108.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 East Win (G.S24.E109.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 South Win (G.S24.E110.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L3 South Win (G.S24.E111.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 North Win (G.N3.E1.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 East Win (G.N3.E2.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 North Win (G.N4.E3.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 East Win (G.N4.E4.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 North Win (G.N4.E5.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.N4.E6.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 North Win (G.N4.E7.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 East Win (G.N4.E8.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 North Win (G.N4.E9.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.N4.E10.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 North Win (G.N4.E11.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 East Win (G.N4.E12.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 North Win (G.N4.E13.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.N4.E14.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 North Win (G.N4.E15.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 East Win (G.N4.E16.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 North Win (G.N4.E17.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.N4.E18.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 South Win (G.E5.E19.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 East Win (G.E5.E20.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 North Win (G.E5.E21.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 East Win (G.E5.E22.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 North Win (G.E5.E23.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.E5.E24.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000

REPORT- LV-H Details of Windows

WEATHER FILE- SEATTLE BOEING FI WA

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

WINDOW NAME	SETBACK (FT)	GLASS SHADING COEFF	NUMBER OF PANES	CENTER-OF- GLASS U-VALUE (BTU/HR-SQFT-F)	GLASS VISIBLE TRANS	GLASS SOLAR TRANS	SURFACE TO ROUGH OPEN AREA RATIO
L4 North Win (G.W6.E26.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.W6.E27.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.W7.E28.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 East Win (G.E8.E29.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 South Win (G.E9.E30.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.E9.E31.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 South Win (G.E9.E32.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 East Win (G.E9.E33.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 North Win (G.E9.E34.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.S10.E35.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 South Win (G.S10.E36.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 East Win (G.S10.E37.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 South Win (G.S10.E38.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.S10.E39.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 South Win (G.S10.E40.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 East Win (G.S10.E41.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 South Win (G.S10.E42.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.S10.E43.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 South Win (G.S10.E44.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 East Win (G.S10.E45.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 South Win (G.S10.E46.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.S10.E47.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 South Win (G.S10.E48.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 East Win (G.S10.E49.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 South Win (G.S10.E50.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.S10.E51.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 South Win (G.S10.E52.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 East Win (G.S10.E53.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 South Win (G.S10.E54.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.S10.E55.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 South Win (G.S10.E56.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 East Win (G.S10.E57.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 South Win (G.S10.E58.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.S10.E59.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 South Win (G.S10.E60.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 East Win (G.S10.E61.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 South Win (G.S10.E62.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.S10.E63.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 South Win (G.S10.E64.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 East Win (G.S10.E65.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 North Win (G.E13.E67.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 East Win (G.E13.E68.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 East Win (G.E13.E69.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 South Win (G.NW17.E70.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.NW17.E71.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 North Win (G.NW17.E72.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 East Win (G.NW17.E73.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 North Win (G.NW17.E74.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.NW17.E75.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 North Win (G.N18.E76.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 East Win (G.N18.E77.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 North Win (G.N18.E78.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.N18.E79.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 North Win (G.N18.E80.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000

REPORT- LV-H Details of Windows

WEATHER FILE- SEATTLE BOEING FI WA

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

WINDOW NAME	SETBACK (FT)	GLASS SHADING COEFF	NUMBER OF PANES	CENTER-OF- GLASS U-VALUE (BTU/HR-SQFT-F)	GLASS VISIBLE TRANS	GLASS SOLAR TRANS	SURFACE TO ROUGH OPEN AREA RATIO
L4 East Win (G.N18.E81.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 North Win (G.N18.E82.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.N18.E83.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 North Win (G.N18.E84.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 East Win (G.N18.E85.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 North Win (G.N18.E86.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.N18.E87.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 South Win (G.E19.E88.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 East Win (G.E19.E89.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 North Win (G.E19.E90.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 East Win (G.E19.E91.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 North Win (G.E19.E92.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.E19.E93.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 North Win (G.W21.E94.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.W21.E95.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 South Win (G.W21.E96.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.W21.E97.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 North Win (G.W21.E98.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.W21.E99.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 South Win (G.W21.E100.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.W21.E101.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 North Win (G.W21.E102.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.W21.E103.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.W21.E104.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 South Win (G.SW22.E105.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.SW22.E106.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 South Win (G.SW22.E107.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 West Win (G.SW22.E108.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 East Win (G.S24.E109.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 South Win (G.S24.E110.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L4 South Win (G.S24.E111.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 North Win (G.N3.E1.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 East Win (G.N3.E2.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 North Win (G.N4.E3.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 East Win (G.N4.E4.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 North Win (G.N4.E5.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.N4.E6.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 North Win (G.N4.E7.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 East Win (G.N4.E8.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 North Win (G.N4.E9.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.N4.E10.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 North Win (G.N4.E11.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 East Win (G.N4.E12.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 North Win (G.N4.E13.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.N4.E14.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 North Win (G.N4.E15.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 East Win (G.N4.E16.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 North Win (G.N4.E17.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.N4.E18.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 South Win (G.E5.E19.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 East Win (G.E5.E20.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 North Win (G.E5.E21.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 East Win (G.E5.E22.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 North Win (G.E5.E23.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000

REPORT- LV-H Details of Windows

WEATHER FILE- SEATTLE BOEING FI WA

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

WINDOW NAME	SETBACK (FT)	GLASS SHADING COEFF	NUMBER OF PANES	CENTER-OF- GLASS U-VALUE (BTU/HR-SQFT-F)	GLASS VISIBLE TRANS	GLASS SOLAR TRANS	SURFACE TO ROUGH OPEN AREA RATIO
L5 West Win (G.E5.E24.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 North Win (G.W6.E26.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.W6.E27.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.W7.E28.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 East Win (G.E8.E29.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 South Win (G.E9.E30.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.E9.E31.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 South Win (G.E9.E32.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 East Win (G.E9.E33.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 North Win (G.E9.E34.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.S10.E35.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 South Win (G.S10.E36.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 East Win (G.S10.E37.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 South Win (G.S10.E38.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.S10.E39.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 South Win (G.S10.E40.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 East Win (G.S10.E41.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 South Win (G.S10.E42.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.S10.E43.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 South Win (G.S10.E44.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 East Win (G.S10.E45.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 South Win (G.S10.E46.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.S10.E47.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 South Win (G.S10.E48.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 East Win (G.S10.E49.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 South Win (G.S10.E50.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.S10.E51.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 South Win (G.S10.E52.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 East Win (G.S10.E53.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 South Win (G.S10.E54.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.S10.E55.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 South Win (G.S10.E56.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 East Win (G.S10.E57.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 South Win (G.S10.E58.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.S10.E59.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 South Win (G.S10.E60.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 East Win (G.S10.E61.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 South Win (G.S10.E62.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.S10.E63.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 South Win (G.S10.E64.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 East Win (G.S10.E65.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 North Win (G.E13.E67.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 East Win (G.E13.E68.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 East Win (G.E13.E69.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 South Win (G.NW17.E70.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.NW17.E71.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 North Win (G.NW17.E72.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 East Win (G.NW17.E73.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 North Win (G.NW17.E74.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.NW17.E75.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 North Win (G.N18.E76.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 East Win (G.N18.E77.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 North Win (G.N18.E78.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.N18.E79.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000

REPORT- LV-H Details of Windows

WEATHER FILE- SEATTLE BOEING FI WA

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

WINDOW NAME	SETBACK (FT)	GLASS SHADING COEFF	NUMBER OF PANES	CENTER-OF- GLASS U-VALUE (BTU/HR-SQFT-F)	GLASS VISIBLE TRANS	GLASS SOLAR TRANS	SURFACE TO ROUGH OPEN AREA RATIO
L5 North Win (G.N18.E80.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 East Win (G.N18.E81.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 North Win (G.N18.E82.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.N18.E83.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 North Win (G.N18.E84.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 East Win (G.N18.E85.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 North Win (G.N18.E86.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.N18.E87.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 South Win (G.E19.E88.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 East Win (G.E19.E89.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 North Win (G.E19.E90.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 East Win (G.E19.E91.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 North Win (G.E19.E92.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.E19.E93.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 North Win (G.W21.E94.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.W21.E95.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 South Win (G.W21.E96.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.W21.E97.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 North Win (G.W21.E98.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.W21.E99.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 South Win (G.W21.E100.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.W21.E101.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 North Win (G.W21.E102.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.W21.E103.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.W21.E104.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 South Win (G.SW22.E105.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.SW22.E106.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 South Win (G.SW22.E107.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 West Win (G.SW22.E108.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 East Win (G.S24.E109.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 South Win (G.S24.E110.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L5 South Win (G.S24.E111.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 North Win (G.N3.E1.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 East Win (G.N3.E2.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 North Win (G.N4.E3.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 East Win (G.N4.E4.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 North Win (G.N4.E5.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 West Win (G.N4.E6.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 North Win (G.N4.E7.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 East Win (G.N4.E8.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 North Win (G.N4.E9.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 West Win (G.N4.E10.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 North Win (G.N4.E11.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 East Win (G.N4.E12.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 North Win (G.N4.E13.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 West Win (G.N4.E14.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 North Win (G.N4.E15.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 East Win (G.N4.E16.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 North Win (G.N4.E17.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 West Win (G.N4.E18.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 South Win (G.E5.E19.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 East Win (G.E5.E20.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 North Win (G.E5.E21.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 East Win (G.E5.E22.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000

REPORT- LV-H Details of Windows

WEATHER FILE- SEATTLE BOEING FI WA

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

WINDOW NAME	SETBACK (FT)	GLASS SHADING COEFF	NUMBER OF PANES	CENTER-OF- GLASS U-VALUE (BTU/HR-SQFT-F)	GLASS VISIBLE TRANS	GLASS SOLAR TRANS	SURFACE TO ROUGH OPEN AREA RATIO
L6 North Win (G.E5.E23.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 West Win (G.E5.E24.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 North Win (G.W6.E26.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 West Win (G.W6.E27.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 West Win (G.W7.E28.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 East Win (G.E8.E29.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 South Win (G.E9.E30.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 West Win (G.E9.E31.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 South Win (G.E9.E32.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 East Win (G.E9.E33.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 North Win (G.E9.E34.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 West Win (G.S10.E35.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 South Win (G.S10.E36.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 East Win (G.S10.E37.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 South Win (G.S10.E38.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 West Win (G.S10.E39.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 South Win (G.S10.E40.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 East Win (G.S10.E41.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 South Win (G.S10.E42.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 West Win (G.S10.E43.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 South Win (G.S10.E44.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 East Win (G.S10.E45.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 South Win (G.S10.E46.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 West Win (G.S10.E47.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 South Win (G.S10.E48.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 East Win (G.S10.E49.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 South Win (G.S10.E50.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 West Win (G.S10.E51.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 South Win (G.S10.E52.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 East Win (G.S10.E53.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 South Win (G.S10.E54.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 West Win (G.S10.E55.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 South Win (G.S10.E56.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 East Win (G.S10.E57.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 South Win (G.S10.E58.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 West Win (G.S10.E59.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 South Win (G.S10.E60.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 East Win (G.S10.E61.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 South Win (G.S10.E62.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 West Win (G.S10.E63.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 South Win (G.S10.E64.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 East Win (G.S10.E65.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 North Win (G.E13.E67.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 East Win (G.E13.E68.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 East Win (G.E13.E69.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 West Win (G.NW17.E70.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 North Win (G.NW17.E71.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 North Win (G.N18.E72.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 South Win (G.E19.E73.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 East Win (G.E19.E74.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 North Win (G.E19.E75.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 North Win (G.W21.E76.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 West Win (G.W21.E77.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 South Win (G.W21.E78.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000

REPORT- LV-H Details of Windows

WEATHER FILE- SEATTLE BOEING FI WA

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

WINDOW NAME	SETBACK (FT)	GLASS SHADING COEFF	NUMBER OF PANES	CENTER-OF- GLASS U-VALUE (BTU/HR-SQFT-F)	GLASS VISIBLE TRANS	GLASS SOLAR TRANS	SURFACE TO ROUGH OPEN AREA RATIO
L6 West Win (G.W21.E79.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 North Win (G.W21.E80.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 West Win (G.W21.E81.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 South Win (G.W21.E82.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 West Win (G.W21.E83.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 North Win (G.W21.E84.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 West Win (G.W21.E85.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 West Win (G.W21.E86.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 South Win (G.SW22.E87.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 West Win (G.SW22.E88.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 South Win (G.SW22.E89.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 West Win (G.SW22.E90.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 East Win (G.S24.E91.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 South Win (G.S24.E92.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L6 South Win (G.S24.E93.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 South Win (G.N3.E1.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 North Win (G.N3.E2.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 East Win (G.N3.E3.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 North Win (G.N4.E4.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 South Win (G.E5.E5.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 East Win (G.E5.E6.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 North Win (G.E5.E7.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 North Win (G.W6.E9.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 West Win (G.W6.E10.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 West Win (G.W7.E11.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 East Win (G.E8.E12.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 South Win (G.E9.E13.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 West Win (G.E9.E14.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 South Win (G.E9.E15.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 East Win (G.E9.E16.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 North Win (G.E9.E17.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 South Win (G.SSW10.E18.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 East Win (G.SSW10.E19.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 South Win (G.SSW10.E20.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 West Win (G.SSW10.E21.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 South Win (G.SSW10.E22.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 East Win (G.SSW10.E23.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 South Win (G.SSW10.E24.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 West Win (G.SSW10.E25.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 South Win (G.SSW10.E26.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 East Win (G.SSW10.E27.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 South Win (G.SSW10.E28.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 West Win (G.SSW10.E29.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 South Win (G.SSW10.E30.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 East Win (G.SSW10.E31.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 South Win (G.SSW10.E32.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 West Win (G.SSW10.E33.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 South Win (G.SSW10.E34.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 East Win (G.SSW10.E35.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 South Win (G.SSW10.E36.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 West Win (G.SSW10.E37.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 South Win (G.SSW10.E38.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 East Win (G.SSW10.E39.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 South Win (G.SSW10.E40.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000

REPORT- LV-H Details of Windows

WEATHER FILE- SEATTLE BOEING FI WA

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

WINDOW NAME	SETBACK (FT)	GLASS SHADING COEFF	NUMBER OF PANES	CENTER-OF- GLASS U-VALUE (BTU/HR-SQFT-F)	GLASS VISIBLE TRANS	GLASS SOLAR TRANS	SURFACE TO ROUGH OPEN AREA RATIO
L7 West Win (G.SSW10.E41.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 South Win (G.SSW10.E42.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 East Win (G.SSW10.E43.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 South Win (G.SSW10.E44.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 West Win (G.SSW10.E45.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 South Win (G.SSW10.E46.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 East Win (G.SSW10.E47.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 West Win (G.SSW10.E48.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 East Win (G.E13.E50.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 West Win (G.W18.E51.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 South Win (G.SW19.E52.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 West Win (G.SW19.E53.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 North Win (G.C20.E54.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 West Win (G.NW21.E55.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 North Win (G.NW21.E56.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 North Win (G.NE22.E57.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 East Win (G.NE22.E58.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 East Win (G.SSE23.E59.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L7 South Win (G.SSE23.E60.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L8 East Win (G.E3.E4.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L8 West Win (G.W8.E10.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L8 South Win (G.SW9.E12.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L8 West Win (G.SW9.E13.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L8 East Win (G.C10.E15.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L8 West Win (G.NW11.E17.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L8 North Win (G.NW11.E18.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L8 North Win (G.NE12.E20.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L8 East Win (G.NE12.E21.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L8 South Win (G.S13.E23.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L8 South Win (G.SE14.E25.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000
L8 East Win (G.SE14.E26.W1)	0.00	0.46	1	0.400	0.600	0.878	1.000

REPORT- LV-I Details of Constructions

WEATHER FILE- SEATTLE BOEING FI WA

NUMBER OF CONSTRUCTIONS 29 DELAYED 25 QUICK 4

CONSTRUCTION NAME	U-VALUE (BTU/HR-SQFT-F)	SURFACE ABSORPTANCE	SURFACE ROUGHNESS INDEX	SURFACE TYPE	NUMBER OF RESPONSE FACTORS
2015 SEC ALL Deck Roof Const	0.027	0.70	3	DELAYED	4
2015 SEC ALL Mass Wall Const	0.057	0.70	3	DELAYED	9
2015 SEC ALL Stl Fm Wall Const	0.055	0.70	3	DELAYED	6
2015 SEC ALL BG Mass Wall Const	0.070	0.70	3	DELAYED	9
2015 SEC ALL Joist Floor Const	0.029	0.75	3	DELAYED	6
Proposed ALL Deck Roof Const	0.017	0.70	3	DELAYED	4
Proposed ALL Mass Wall Const	0.285	0.70	3	DELAYED	9
Proposed ALL Stl Fm Wall Const	0.164	0.70	3	DELAYED	6
Proposed ALL BG Mass Wall Const	0.196	0.70	3	DELAYED	9
Proposed ALL Joist Floor Const	0.033	0.75	3	DELAYED	6
A90.1-07 NR_R Roof Const	0.048	0.70	3	DELAYED	5
A90.1-07 NR Abv-G Wall Const	0.065	0.70	3	DELAYED	6
A90.1-07 R Abv-G Wall Const	0.065	0.70	3	DELAYED	6
A90.1-07 NR Floor Const	0.038	0.70	3	DELAYED	6
A90.1-07 R Floor Const	0.038	0.70	3	DELAYED	6
A90.1-07 NR Mass Wall Const	0.104	0.70	3	DELAYED	9
A90.1-07 R Mass Wall Const	0.090	0.70	3	DELAYED	9
Interior CMU Wall Const	0.491	0.70	3	DELAYED	6
Interior Frame Wall Const	0.132	0.70	3	DELAYED	4
Interior Ceiling Const	0.514	0.70	3	DELAYED	3
Interior Floor Const	0.813	0.70	3	DELAYED	5
Exposed Slab Edge Const	0.260	0.70	3	DELAYED	9
Below-Grade Wall Const	0.500	0.70	3	QUICK	0
Concrete Slab Wall Const	0.743	0.70	3	DELAYED	7
Resi Core Walls Const	0.283	0.70	3	DELAYED	15
Default Air Wall Construction	2.700	0.70	3	QUICK	0
Below Grade Unins Concrete Wall	0.278	0.70	3	QUICK	0
Exposed Garage Walls	0.740	0.70	3	QUICK	0
Proposed ALL Wd Fm Wall Const	0.049	0.70	3	DELAYED	6

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

WEATHER FILE- SEATTLE BOEING FI WA

	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
JAN													
KWH	28631.	1121.	64345.	64315.	100.	21.	11351.	29098.	1482.	12502.	41555.	1278.	255800.
MAX KW	83.301	6.028	185.872	322.544	5.127	0.051	15.261	54.738	3.329	179.112	144.559	3.299	808.010
DAY/HR	2/ 8	1/ 8	2/21	5/ 8	19/14	29/15	1/ 1	5/10	2/19	5/ 8	1/ 7	1/18	5/ 8
PEAK ENDUSE	52.524	6.028	97.192	322.544	0.099	0.014	15.261	51.821	1.239	179.112	81.078	1.100	
PEAK PCT	6.5	0.7	12.0	39.9	0.0	0.0	1.9	6.4	0.2	22.2	10.0	0.1	
FEB													
KWH	25829.	1013.	58120.	46276.	781.	19.	10252.	26208.	1338.	3533.	38083.	898.	212349.
MAX KW	83.301	6.028	185.872	191.746	23.602	0.054	15.370	54.722	3.329	101.512	145.960	3.299	635.057
DAY/HR	1/ 8	1/ 8	1/21	13/ 8	22/16	21/13	15/17	16/10	1/19	27/ 7	1/ 7	1/20	27/ 7
PEAK ENDUSE	39.954	2.411	96.295	181.170	0.099	0.017	15.261	50.203	1.626	101.512	145.960	0.550	
PEAK PCT	6.3	0.4	15.2	28.5	0.0	0.0	2.4	7.9	0.3	16.0	23.0	0.1	
MAR													
KWH	28550.	1121.	64347.	34740.	1930.	27.	11352.	28924.	1482.	651.	41580.	994.	215698.
MAX KW	83.301	6.028	185.872	148.224	70.551	0.221	15.438	54.724	3.329	66.058	144.559	3.299	553.916
DAY/HR	1/ 8	1/ 8	1/21	2/ 8	29/16	29/16	29/20	16/10	1/19	2/ 7	1/ 7	1/20	2/ 7
PEAK ENDUSE	37.226	2.411	94.951	141.030	0.099	0.020	15.261	50.203	1.548	66.058	144.559	0.550	
PEAK PCT	6.7	0.4	17.1	25.5	0.0	0.0	2.8	9.1	0.3	11.9	26.1	0.1	
APR													
KWH	27712.	1085.	62342.	21123.	5067.	30.	11010.	27959.	1431.	196.	39028.	962.	197946.
MAX KW	83.301	6.028	185.872	112.882	48.051	0.125	15.442	55.026	3.329	51.770	141.757	3.299	512.831
DAY/HR	1/ 8	1/ 8	1/21	24/ 7	20/16	12/18	20/13	20/10	1/19	24/ 7	1/ 7	1/20	24/ 7
PEAK ENDUSE	39.954	2.411	96.295	112.882	0.099	0.022	15.261	50.205	1.626	51.770	141.757	0.550	
PEAK PCT	7.8	0.5	18.8	22.0	0.0	0.0	3.0	9.8	0.3	10.1	27.6	0.1	
MAY													
KWH	28641.	1121.	64388.	12834.	10015.	46.	11407.	28901.	1480.	0.	39003.	596.	198432.
MAX KW	83.301	6.028	185.872	71.675	77.507	0.396	15.445	54.667	3.329	0.000	137.555	2.932	416.534
DAY/HR	1/ 8	1/ 8	1/21	10/ 8	15/19	16/15	18/18	25/10	1/19	24/ 7	1/ 7	1/22	15/20
PEAK ENDUSE	52.340	2.411	167.502	4.952	64.760	0.196	15.416	52.437	2.710	0.000	53.810	0.000	
PEAK PCT	12.6	0.6	40.2	1.2	15.5	0.0	3.7	12.6	0.7	0.0	12.9	0.0	
JUN													
KWH	27610.	1085.	62258.	6743.	14617.	67.	11068.	27969.	1435.	0.	35922.	577.	189352.
MAX KW	83.301	6.028	185.872	38.022	88.357	0.453	15.447	54.984	3.329	0.000	133.352	2.932	434.496
DAY/HR	3/ 8	1/ 8	3/21	8/ 9	20/16	20/14	21/16	15/10	3/19	24/ 7	1/ 7	1/22	20/20
PEAK ENDUSE	52.340	2.411	167.502	3.363	83.605	0.336	15.406	53.078	2.710	0.000	53.747	0.000	
PEAK PCT	12.0	0.6	38.6	0.8	19.2	0.1	3.5	12.2	0.6	0.0	12.4	0.0	
JUL													
KWH	28640.	1121.	64388.	2492.	29212.	138.	11461.	29209.	1480.	0.	35868.	596.	204605.
MAX KW	83.301	6.028	185.872	19.562	145.036	0.453	15.447	55.687	3.329	0.000	130.551	2.932	493.850
DAY/HR	1/ 8	1/ 8	1/21	5/ 8	23/20	9/16	24/10	6/10	1/19	24/ 7	1/ 7	1/22	23/20
PEAK ENDUSE	52.340	2.411	167.502	0.181	145.036	0.453	15.442	54.083	2.710	0.000	53.693	0.000	
PEAK PCT	10.6	0.5	33.9	0.0	29.4	0.1	3.1	11.0	0.5	0.0	10.9	0.0	
AUG													
KWH	28592.	1121.	64390.	2395.	26601.	145.	11464.	29126.	1481.	0.	35245.	1068.	201627.
MAX KW	83.301	6.028	185.872	20.079	133.505	0.453	15.447	56.071	3.329	0.000	129.150	3.299	459.219
DAY/HR	1/ 8	1/ 8	1/21	17/ 9	10/16	2/12	2/10	10/10	1/19	24/ 7	1/ 7	1/19	9/20
PEAK ENDUSE	52.340	2.411	167.502	0.674	107.469	0.453	15.368	53.314	2.710	0.000	53.679	3.299	
PEAK PCT	11.4	0.5	36.5	0.1	23.4	0.1	3.3	11.6	0.6	0.0	11.7	0.7	

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

WEATHER FILE- SEATTLE BOEING FI WA

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

SEP

KWH	27660.	1085.	62256.	5790.	17052.	76.	11063.	28054.	1434.	0.	34103.	1034.	189606.
MAX KW	83.301	6.028	185.872	53.896	104.486	0.453	15.447	55.675	3.329	0.000	129.150	3.299	420.688
DAY/HR	3/ 8	1/ 8	3/21	28/ 8	19/16	13/18	5/15	21/10	3/19	24/ 7	1/ 7	1/19	13/19
PEAK ENDUSE	76.617	2.411	130.026	1.866	81.468	0.345	15.354	52.418	3.329	0.000	53.555	3.299	
PEAK PCT	18.2	0.6	30.9	0.4	19.4	0.1	3.6	12.5	0.8	0.0	12.7	0.8	

OCT

KWH	28640.	1121.	64388.	19301.	3365.	37.	11366.	28773.	1480.	163.	36502.	1068.	196203.
MAX KW	83.301	6.028	185.872	96.943	66.976	0.223	15.447	54.705	3.329	48.268	131.951	3.299	473.810
DAY/HR	1/ 8	1/ 8	1/21	22/ 8	6/16	8/16	8/16	19/10	1/19	22/ 7	1/ 7	1/19	22/ 7
PEAK ENDUSE	39.954	2.411	96.295	86.809	0.099	0.024	15.261	50.197	1.626	48.268	131.951	0.916	
PEAK PCT	8.4	0.5	20.3	18.3	0.0	0.0	3.2	10.6	0.3	10.2	27.8	0.2	

NOV

KWH	27637.	1085.	62215.	37103.	222.	26.	10979.	27925.	1438.	657.	37137.	1237.	207660.
MAX KW	83.301	6.028	185.872	117.287	6.382	0.078	15.261	54.724	3.329	50.278	136.154	3.299	504.290
DAY/HR	1/ 8	1/ 8	1/21	5/ 8	1/16	6/15	1/ 2	30/10	1/19	5/ 7	1/ 7	1/18	5/ 7
PEAK ENDUSE	39.954	2.411	96.295	109.791	0.099	0.021	15.261	50.202	1.626	50.278	136.154	2.199	
PEAK PCT	7.9	0.5	19.1	21.8	0.0	0.0	3.0	10.0	0.3	10.0	27.0	0.4	

DEC

KWH	28596.	1121.	64345.	57759.	129.	21.	11352.	28979.	1482.	5868.	39983.	1278.	240914.
MAX KW	83.301	6.028	185.872	173.111	5.777	0.049	15.261	54.723	3.329	87.172	140.357	3.299	596.238
DAY/HR	2/ 8	1/ 8	2/21	27/ 9	21/15	17/16	1/ 1	28/10	2/19	27/ 8	1/ 7	1/18	27/ 8
PEAK ENDUSE	83.301	6.028	100.075	169.812	0.099	0.020	15.261	50.203	1.626	87.172	81.543	1.100	
PEAK PCT	14.0	1.0	16.8	28.5	0.0	0.0	2.6	8.4	0.3	14.6	13.7	0.2	
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====

KWH	336738.	13200.	757782.	310872.	109091.	652.	134125.	341123.	17441.	23570.	454009.	11587.	2510193.
MAX KW	83.301	6.028	185.872	322.544	145.036	0.453	15.447	56.071	3.329	179.112	145.960	3.299	808.010
MON/DY	1/ 2	1/ 1	1/ 2	1/ 5	7/23	6/20	6/21	8/10	1/ 2	1/ 5	2/ 1	1/ 1	1/ 5
PEAK ENDUSE	52.524	6.028	97.192	322.544	0.099	0.014	15.261	51.821	1.239	179.112	81.078	1.100	
PEAK PCT	6.5	0.7	12.0	39.9	0.0	0.0	1.9	6.4	0.2	22.2	10.0	0.1	

WEATHER FILE- SEATTLE BOEING FI WA

	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
JAN													
MBTU	0.	0.	16.	0.	0.	0.	0.	0.	0.	0.	0.	0.	16.
MAX MBTU/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DAY/HR	0/ 0	0/ 0	1/10	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/10
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
PEAK PCT	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
FEB													
MBTU	0.	0.	14.	0.	0.	0.	0.	0.	0.	0.	0.	0.	14.
MAX MBTU/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DAY/HR	0/ 0	0/ 0	1/10	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/10
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
PEAK PCT	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
MAR													
MBTU	0.	0.	16.	0.	0.	0.	0.	0.	0.	0.	0.	0.	16.
MAX MBTU/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DAY/HR	0/ 0	0/ 0	1/10	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/10
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
PEAK PCT	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
APR													
MBTU	0.	0.	15.	0.	0.	0.	0.	0.	0.	0.	0.	0.	15.
MAX MBTU/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DAY/HR	0/ 0	0/ 0	1/10	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/10
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
PEAK PCT	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
MAY													
MBTU	0.	0.	16.	0.	0.	0.	0.	0.	0.	0.	0.	0.	16.
MAX MBTU/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DAY/HR	0/ 0	0/ 0	1/10	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/10
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
PEAK PCT	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
JUN													
MBTU	0.	0.	15.	0.	0.	0.	0.	0.	0.	0.	0.	0.	15.
MAX MBTU/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DAY/HR	0/ 0	0/ 0	1/10	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/10
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
PEAK PCT	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
JUL													
MBTU	0.	0.	16.	0.	0.	0.	0.	0.	0.	0.	0.	0.	16.
MAX MBTU/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DAY/HR	0/ 0	0/ 0	1/10	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/10
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
PEAK PCT	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
AUG													
MBTU	0.	0.	16.	0.	0.	0.	0.	0.	0.	0.	0.	0.	16.
MAX MBTU/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DAY/HR	0/ 0	0/ 0	1/10	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/10
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
PEAK PCT	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

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

WEATHER FILE- SEATTLE BOEING FI WA

-- (CONTINUED) -----

[illegible]

REPORT-	PS-F	Energy End-Use Summary for				EM1-Residential				WEATHER FILE- SEATTLE BOEING FI WA				
		LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL

JAN														
KWH	8441.	0.	56771.	35976.	27.	21.	571.	11738.	0.	1803.	0.	0.	0.	115348.
MAX KW	48.555	0.000	177.225	128.892	5.029	0.051	0.771	17.894	0.000	57.531	0.000	0.000	0.000	310.210
DAY/HR	1/ 8	0/ 0	1/21	5/ 8	19/14	29/15	1/ 1	19/13	0/ 0	5/ 8	0/ 0	0/ 0	0/ 0	5/ 8
PEAK ENDUSE	18.208	0.000	88.613	128.892	0.000	0.014	0.771	16.181	0.000	57.531	0.000	0.000	0.000	
PEAK PCT	5.9	0.0	28.6	41.6	0.0	0.0	0.2	5.2	0.0	18.5	0.0	0.0	0.0	
FEB														
KWH	7589.	0.	51277.	23675.	714.	19.	515.	10562.	0.	306.	0.	0.	0.	94656.
MAX KW	48.555	0.000	177.225	95.309	23.505	0.054	0.880	18.236	0.000	18.081	0.000	0.000	0.000	264.201
DAY/HR	1/ 8	0/ 0	1/21	2/ 8	22/16	21/13	15/17	23/13	0/ 0	13/ 8	0/ 0	0/ 0	0/ 0	13/ 8
PEAK ENDUSE	48.555	0.000	88.613	93.153	0.000	0.018	0.771	15.011	0.000	18.081	0.000	0.000	0.000	
PEAK PCT	18.4	0.0	33.5	35.3	0.0	0.0	0.3	5.7	0.0	6.8	0.0	0.0	0.0	
MAR														
KWH	8351.	0.	56771.	16477.	1771.	27.	571.	11655.	0.	53.	0.	0.	0.	95677.
MAX KW	48.555	0.000	177.225	79.658	57.921	0.221	0.948	18.674	0.000	10.081	0.000	0.000	0.000	237.710
DAY/HR	1/ 8	0/ 0	1/21	2/ 5	29/16	29/16	29/20	29/12	0/ 0	2/ 8	0/ 0	0/ 0	0/ 0	29/21
PEAK ENDUSE	14.566	0.000	177.225	3.213	26.563	0.052	0.947	15.144	0.000	0.000	0.000	0.000	0.000	
PEAK PCT	6.1	0.0	74.6	1.4	11.2	0.0	0.4	6.4	0.0	0.0	0.0	0.0	0.0	
APR														
KWH	8157.	0.	54940.	8147.	4910.	30.	578.	11298.	0.	4.	0.	0.	0.	88063.
MAX KW	48.555	0.000	177.225	60.909	46.605	0.125	0.952	18.982	0.000	2.682	0.000	0.000	0.000	238.183
DAY/HR	1/ 8	0/ 0	1/21	24/ 5	20/16	12/18	20/13	20/12	0/ 0	24/ 8	0/ 0	0/ 0	0/ 0	11/21
PEAK ENDUSE	14.566	0.000	177.225	3.540	26.738	0.054	0.940	15.119	0.000	0.000	0.000	0.000	0.000	
PEAK PCT	6.1	0.0	74.4	1.5	11.2	0.0	0.4	6.3	0.0	0.0	0.0	0.0	0.0	
MAY														
KWH	8442.	0.	56771.	4374.	9644.	46.	626.	11750.	0.	0.	0.	0.	0.	91654.
MAX KW	48.555	0.000	177.225	36.455	69.996	0.396	0.955	19.836	0.000	0.000	0.000	0.000	0.000	265.599
DAY/HR	1/ 8	0/ 0	1/21	10/ 8	15/16	16/15	18/18	16/12	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	15/21
PEAK ENDUSE	14.566	0.000	177.225	0.000	55.505	0.180	0.910	17.212	0.000	0.000	0.000	0.000	0.000	
PEAK PCT	5.5	0.0	66.7	0.0	20.9	0.1	0.3	6.5	0.0	0.0	0.0	0.0	0.0	
JUN														
KWH	8065.	0.	54940.	2180.	13899.	67.	635.	11445.	0.	0.	0.	0.	0.	91232.
MAX KW	48.555	0.000	177.225	11.454	77.696	0.453	0.957	20.186	0.000	0.000	0.000	0.000	0.000	277.565
DAY/HR	3/ 8	0/ 0	1/21	8/ 8	20/16	20/14	21/16	20/12	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	20/20
PEAK ENDUSE	24.277	0.000	157.533	0.000	76.226	0.336	0.916	18.276	0.000	0.000	0.000	0.000	0.000	
PEAK PCT	8.7	0.0	56.8	0.0	27.5	0.1	0.3	6.6	0.0	0.0	0.0	0.0	0.0	
JUL														
KWH	8441.	0.	56771.	702.	26517.	138.	680.	12226.	0.	0.	0.	0.	0.	105475.
MAX KW	48.555	0.000	177.225	4.578	119.664	0.453	0.957	20.793	0.000	0.000	0.000	0.000	0.000	322.393
DAY/HR	1/ 8	0/ 0	1/21	4/ 8	23/20	9/16	24/10	23/11	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	23/20
PEAK ENDUSE	24.277	0.000	157.533	0.000	119.664	0.453	0.952	19.512	0.000	0.000	0.000	0.000	0.000	
PEAK PCT	7.5	0.0	48.9	0.0	37.1	0.1	0.3	6.1	0.0	0.0	0.0	0.0	0.0	
AUG														
KWH	8384.	0.	56771.	642.	24271.	145.	683.	12143.	0.	0.	0.	0.	0.	103039.
MAX KW	48.555	0.000	177.225	5.159	109.643	0.453	0.957	20.783	0.000	0.000	0.000	0.000	0.000	293.709
DAY/HR	1/ 8	0/ 0	1/21	24/ 8	10/16	2/12	2/10	10/11	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	9/20
PEAK ENDUSE	24.277	0.000	157.533	0.000	91.953	0.453	0.878	18.615	0.000	0.000	0.000	0.000	0.000	
PEAK PCT	8.3	0.0	53.6	0.0	31.3	0.2	0.3	6.3	0.0	0.0	0.0	0.0	0.0	

REPORT- PS-F Energy End-Use Summary for EMI-Residential

WEATHER FILE- SEATTLE BOEING FI WA

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

SEP

KWH	8123.	0.	54940.	1862.	15857.	76.	630.	11586.	0.	0.	0.	0.	93073.
MAX KW	48.555	0.000	177.225	22.564	86.729	0.453	0.957	20.206	0.000	0.000	0.000	0.000	263.986
DAY/HR	2/ 8	0/ 0	1/21	28/ 8	19/16	13/18	5/15	21/11	0/ 0	0/ 0	0/ 0	0/ 0	13/21
PEAK ENDUSE	14.566	0.000	177.225	0.000	54.100	0.208	0.879	17.007	0.000	0.000	0.000	0.000	
PEAK PCT	5.5	0.0	67.1	0.0	20.5	0.1	0.3	6.4	0.0	0.0	0.0	0.0	

OCT

KWH	8441.	0.	56771.	8728.	3143.	37.	586.	11644.	0.	1.	0.	0.	89352.
MAX KW	48.555	0.000	177.225	58.134	54.940	0.223	0.957	18.890	0.000	0.924	0.000	0.000	239.689
DAY/HR	1/ 8	0/ 0	1/21	22/ 8	6/16	8/16	8/16	7/12	0/ 0	22/ 8	0/ 0	0/ 0	6/21
PEAK ENDUSE	18.208	0.000	177.225	1.680	26.631	0.063	0.931	14.952	0.000	0.000	0.000	0.000	
PEAK PCT	7.6	0.0	73.9	0.7	11.1	0.0	0.4	6.2	0.0	0.0	0.0	0.0	

NOV

KWH	8100.	0.	54940.	20365.	149.	26.	546.	11262.	0.	14.	0.	0.	95401.
MAX KW	48.555	0.000	177.225	70.770	6.278	0.078	0.771	17.904	0.000	3.576	0.000	0.000	241.289
DAY/HR	1/ 8	0/ 0	1/21	27/ 4	1/16	6/15	1/ 2	16/12	0/ 0	5/ 8	0/ 0	0/ 0	26/21
PEAK ENDUSE	14.566	0.000	177.225	33.679	0.000	0.026	0.771	15.022	0.000	0.000	0.000	0.000	
PEAK PCT	6.0	0.0	73.4	14.0	0.0	0.0	0.3	6.2	0.0	0.0	0.0	0.0	

DEC

KWH	8406.	0.	56771.	33151.	56.	21.	571.	11673.	0.	558.	0.	0.	111208.
MAX KW	48.555	0.000	177.225	97.075	5.679	0.049	0.771	17.892	0.000	17.306	0.000	0.000	282.225
DAY/HR	2/ 8	0/ 0	1/21	27/ 9	21/15	17/16	1/ 1	21/13	0/ 0	27/ 9	0/ 0	0/ 0	26/21
PEAK ENDUSE	14.566	0.000	177.225	64.331	0.000	0.020	0.771	15.018	0.000	10.294	0.000	0.000	
PEAK PCT	5.2	0.0	62.8	22.8	0.0	0.0	0.3	5.3	0.0	3.6	0.0	0.0	

=====

KWH	98942.	0.	668432.	156280.	100957.	652.	7192.	138982.	0.	2738.	0.	0.	1174179.
MAX KW	48.555	0.000	177.225	128.892	119.664	0.453	0.957	20.793	0.000	57.531	0.000	0.000	322.393
MON/DY	1/ 1	0/ 0	1/ 1	1/ 5	7/23	6/20	6/21	7/23	0/ 0	1/ 5	0/ 0	0/ 0	7/23
PEAK ENDUSE	24.277	0.000	157.533	0.000	119.664	0.453	0.952	19.512	0.000	0.000	0.000	0.000	
PEAK PCT	7.5	0.0	48.9	0.0	37.1	0.1	0.3	6.1	0.0	0.0	0.0	0.0	

YEARLY TRANSFORMER LOSSES = 0.0 KWH

REPORT-	PS-F	Energy End-Use Summary for				EM2-Non-Residential				WEATHER FILE- SEATTLE BOEING FI WA				
		LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL

JAN														
KWH	18910.	1121.	2887.	13046.	73.	0.	10781.	7433.	1482.	0.	40210.	1278.	97221.	
MAX KW	34.725	6.028	6.961	169.770	0.099	0.000	14.490	23.518	3.329	0.000	143.731	3.299	355.711	
DAY/HR	2/18	1/ 8	2/10	5/ 8	5/ 8	0/ 0	1/ 1	5/10	2/19	0/ 0	1/ 7	1/18	5/ 7	
PEAK ENDUSE	24.189	2.411	2.479	142.345	0.099	0.000	14.490	22.220	1.548	0.000	143.731	2.199		
PEAK PCT	6.8	0.7	0.7	40.0	0.0	0.0	4.1	6.2	0.4	0.0	40.4	0.6		
FEB														
KWH	17081.	1013.	2610.	9204.	66.	0.	9737.	6680.	1338.	0.	36861.	898.	85488.	
MAX KW	34.725	6.028	6.961	81.173	0.305	0.000	14.490	23.496	3.329	0.000	145.132	3.299	295.344	
DAY/HR	1/18	1/ 8	1/10	27/ 7	15/16	0/ 0	1/ 1	2/10	1/19	0/ 0	1/ 7	1/20	27/ 7	
PEAK ENDUSE	24.189	2.411	3.823	81.173	0.099	0.000	14.490	21.852	1.626	0.000	145.132	0.550		
PEAK PCT	8.2	0.8	1.3	27.5	0.0	0.0	4.9	7.4	0.6	0.0	49.1	0.2		
MAR														
KWH	18911.	1121.	2889.	7155.	114.	0.	10781.	7342.	1482.	0.	40236.	994.	91025.	
MAX KW	34.725	6.028	6.961	51.615	3.060	0.000	14.490	23.495	3.329	0.000	143.731	3.299	262.962	
DAY/HR	1/18	1/ 8	1/10	2/ 7	29/16	0/ 0	1/ 1	2/10	1/19	0/ 0	1/ 7	1/20	2/ 7	
PEAK ENDUSE	24.189	2.411	2.479	51.615	0.099	0.000	14.490	21.851	1.548	0.000	143.731	0.550		
PEAK PCT	9.2	0.9	0.9	19.6	0.0	0.0	5.5	8.3	0.6	0.0	54.7	0.2		
APR														
KWH	18298.	1085.	2867.	4856.	157.	0.	10433.	7055.	1431.	0.	37739.	962.	84882.	
MAX KW	34.725	6.028	6.961	40.097	1.452	0.000	14.490	23.492	3.329	0.000	140.929	3.299	250.057	
DAY/HR	1/18	1/ 8	1/10	24/ 7	20/18	0/ 0	1/ 2	6/10	1/19	0/ 0	1/ 7	1/20	24/ 7	
PEAK ENDUSE	24.189	2.411	3.823	40.097	0.099	0.000	14.490	21.844	1.626	0.000	140.929	0.550		
PEAK PCT	9.7	1.0	1.5	16.0	0.0	0.0	5.8	8.7	0.7	0.0	56.4	0.2		
MAY														
KWH	18909.	1121.	2930.	2956.	310.	0.	10781.	7224.	1480.	0.	37700.	596.	84008.	
MAX KW	34.725	6.028	6.961	21.233	2.965	0.000	14.490	23.417	3.329	0.000	136.727	2.932	219.860	
DAY/HR	1/18	1/ 8	1/10	11/ 9	16/15	0/ 0	1/ 2	11/10	1/19	0/ 0	1/ 7	1/22	6/ 7	
PEAK ENDUSE	24.189	2.411	3.823	14.653	0.098	0.000	14.490	21.844	1.626	0.000	136.727	0.000		
PEAK PCT	11.0	1.1	1.7	6.7	0.0	0.0	6.6	9.9	0.7	0.0	62.2	0.0		
JUN														
KWH	18302.	1085.	2782.	1730.	532.	0.	10433.	6918.	1435.	0.	34690.	577.	78484.	
MAX KW	34.725	6.028	6.961	16.017	3.631	0.000	14.490	23.357	3.329	0.000	132.524	2.932	207.456	
DAY/HR	3/18	1/ 8	3/10	8/ 9	20/18	0/ 0	1/ 2	1/10	3/19	0/ 0	1/ 7	1/22	3/ 7	
PEAK ENDUSE	24.189	2.411	3.823	6.586	0.097	0.000	14.490	21.710	1.626	0.000	132.524	0.000		
PEAK PCT	11.7	1.2	1.8	3.2	0.0	0.0	7.0	10.5	0.8	0.0	63.9	0.0		
JUL														
KWH	18909.	1121.	2930.	783.	1233.	0.	10781.	7057.	1480.	0.	34611.	596.	79501.	
MAX KW	34.725	6.028	6.961	9.408	5.140	0.000	14.490	23.154	3.329	0.000	129.723	2.932	201.238	
DAY/HR	1/18	1/ 8	1/10	27/ 9	23/18	0/ 0	1/ 2	6/10	1/19	0/ 0	1/ 7	1/22	5/ 7	
PEAK ENDUSE	24.189	2.411	3.823	3.333	0.097	0.000	14.490	21.547	1.626	0.000	129.723	0.000		
PEAK PCT	12.0	1.2	1.9	1.7	0.0	0.0	7.2	10.7	0.8	0.0	64.5	0.0		
AUG														
KWH	18910.	1121.	2932.	794.	1193.	0.	10781.	7057.	1481.	0.	33993.	1068.	79329.	
MAX KW	34.725	6.028	6.961	10.868	5.001	0.000	14.490	23.204	3.329	0.000	128.322	3.299	199.496	
DAY/HR	1/18	1/ 8	1/10	24/ 9	10/15	0/ 0	1/ 2	24/10	1/19	0/ 0	1/ 7	1/19	6/ 7	
PEAK ENDUSE	24.189	2.411	3.823	0.874	1.596	0.000	14.490	21.250	1.626	0.000	128.322	0.916		
PEAK PCT	12.1	1.2	1.9	0.4	0.8	0.0	7.3	10.7	0.8	0.0	64.3	0.5		

REPORT- PS-F Energy End-Use Summary for EM2-Non-Residential

WEATHER FILE- SEATTLE BOEING FI WA

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

SEP

KWH	18301.	1085.	2781.	1123.	624.	0.	10433.	6862.	1434.	0.	32897.	1034.	76572.
MAX KW	34.725	6.028	6.961	17.294	4.260	0.000	14.490	23.353	3.329	0.000	128.322	3.299	203.642
DAY/HR	3/18	1/ 8	3/10	28/ 9	19/15	0/ 0	1/ 2	28/10	3/19	0/ 0	1/ 7	1/19	27/ 7
PEAK ENDUSE	24.189	2.411	3.823	6.059	0.098	0.000	14.490	21.709	1.626	0.000	128.322	0.916	
PEAK PCT	11.9	1.2	1.9	3.0	0.0	0.0	7.1	10.7	0.8	0.0	63.0	0.4	

OCT

KWH	18909.	1121.	2930.	3053.	163.	0.	10781.	7202.	1480.	0.	35230.	1068.	81936.
MAX KW	34.725	6.028	6.961	20.454	2.921	0.000	14.490	23.458	3.329	0.000	131.123	3.299	213.149
DAY/HR	1/18	1/ 8	1/10	19/ 9	7/17	0/ 0	1/ 2	19/10	1/19	0/ 0	1/ 7	1/19	15/ 7
PEAK ENDUSE	24.189	2.411	3.823	12.656	0.098	0.000	14.490	21.817	1.626	0.000	131.123	0.916	
PEAK PCT	11.3	1.1	1.8	5.9	0.0	0.0	6.8	10.2	0.8	0.0	61.5	0.4	

NOV

KWH	18303.	1085.	2739.	5466.	73.	0.	10433.	7056.	1438.	0.	35887.	1237.	83718.
MAX KW	34.725	6.028	6.961	27.652	0.470	0.000	14.490	23.493	3.329	0.000	135.326	3.299	228.979
DAY/HR	1/18	1/ 8	1/10	23/ 9	6/15	0/ 0	1/ 2	23/10	1/19	0/ 0	1/ 7	1/18	5/ 7
PEAK ENDUSE	24.189	2.411	3.823	22.970	0.099	0.000	14.490	21.847	1.626	0.000	135.326	2.199	
PEAK PCT	10.6	1.1	1.7	10.0	0.0	0.0	6.3	9.5	0.7	0.0	59.1	1.0	

DEC

KWH	18910.	1121.	2887.	9135.	73.	0.	10781.	7380.	1482.	0.	38663.	1278.	91710.
MAX KW	34.725	6.028	6.961	59.766	0.099	0.000	14.490	23.497	3.329	0.000	139.529	3.299	260.394
DAY/HR	2/18	1/ 8	2/10	26/20	24/22	0/ 0	1/ 1	28/10	2/19	0/ 0	1/ 7	1/18	4/ 7
PEAK ENDUSE	24.189	2.411	3.823	49.892	0.099	0.000	14.490	22.137	1.626	0.000	139.529	2.199	
PEAK PCT	9.3	0.9	1.5	19.2	0.0	0.0	5.6	8.5	0.6	0.0	53.6	0.8	
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====

KWH	222655.	13200.	34166.	59300.	4612.	0.	126934.	85266.	17441.	0.	438719.	11587.	1013876.
MAX KW	34.725	6.028	6.961	169.770	5.140	0.000	14.490	23.518	3.329	0.000	145.132	3.299	355.711
MON/DY	1/ 2	1/ 1	1/ 2	1/ 5	7/23	0/ 0	1/ 1	1/ 5	1/ 2	0/ 0	2/ 1	1/ 1	1/ 5
PEAK ENDUSE	24.189	2.411	2.479	142.345	0.099	0.000	14.490	22.220	1.548	0.000	143.731	2.199	
PEAK PCT	6.8	0.7	0.7	40.0	0.0	0.0	4.1	6.2	0.4	0.0	40.4	0.6	

YEARLY TRANSFORMER LOSSES = 0.0 KWH

REPORT- PS-F Energy End-Use Summary for								Garage Exhaust Fans		WEATHER FILE- SEATTLE BOEING FI WA				
	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL	

JAN														
KWH	0.	0.	0.	0.	0.	0.	0.	4820.	0.	0.	0.	0.	4820.	
MAX KW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.510	0.000	0.000	0.000	0.000	18.510	
DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/ 7	0/ 0	0/ 0	0/ 0	0/ 0	1/ 7	
PEAK ENDUSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.510	0.000	0.000	0.000	0.000		
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0		
FEB														
KWH	0.	0.	0.	0.	0.	0.	0.	4354.	0.	0.	0.	0.	4354.	
MAX KW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.510	0.000	0.000	0.000	0.000	18.510	
DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/ 7	0/ 0	0/ 0	0/ 0	0/ 0	1/ 7	
PEAK ENDUSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.510	0.000	0.000	0.000	0.000		
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0		
MAR														
KWH	0.	0.	0.	0.	0.	0.	0.	4820.	0.	0.	0.	0.	4820.	
MAX KW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.510	0.000	0.000	0.000	0.000	18.510	
DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/ 7	0/ 0	0/ 0	0/ 0	0/ 0	1/ 7	
PEAK ENDUSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.510	0.000	0.000	0.000	0.000		
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0		
APR														
KWH	0.	0.	0.	0.	0.	0.	0.	4665.	0.	0.	0.	0.	4665.	
MAX KW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.510	0.000	0.000	0.000	0.000	18.510	
DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/ 7	0/ 0	0/ 0	0/ 0	0/ 0	1/ 7	
PEAK ENDUSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.510	0.000	0.000	0.000	0.000		
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0		
MAY														
KWH	0.	0.	0.	0.	0.	0.	0.	4820.	0.	0.	0.	0.	4820.	
MAX KW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.510	0.000	0.000	0.000	0.000	18.510	
DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/ 7	0/ 0	0/ 0	0/ 0	0/ 0	1/ 7	
PEAK ENDUSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.510	0.000	0.000	0.000	0.000		
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0		
JUN														
KWH	0.	0.	0.	0.	0.	0.	0.	4665.	0.	0.	0.	0.	4665.	
MAX KW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.510	0.000	0.000	0.000	0.000	18.510	
DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/ 7	0/ 0	0/ 0	0/ 0	0/ 0	1/ 7	
PEAK ENDUSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.510	0.000	0.000	0.000	0.000		
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0		
JUL														
KWH	0.	0.	0.	0.	0.	0.	0.	4820.	0.	0.	0.	0.	4820.	
MAX KW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.510	0.000	0.000	0.000	0.000	18.510	
DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/ 7	0/ 0	0/ 0	0/ 0	0/ 0	1/ 7	
PEAK ENDUSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.510	0.000	0.000	0.000	0.000		
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0		
AUG														
KWH	0.	0.	0.	0.	0.	0.	0.	4820.	0.	0.	0.	0.	4820.	
MAX KW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.510	0.000	0.000	0.000	0.000	18.510	
DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/ 7	0/ 0	0/ 0	0/ 0	0/ 0	1/ 7	
PEAK ENDUSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.510	0.000	0.000	0.000	0.000		
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0		

REPORT- PS-F Energy End-Use Summary for Garage Exhaust Fans

WEATHER FILE- SEATTLE BOEING FI WA

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

SEP

KWH	0.	0.	0.	0.	0.	0.	0.	4665.	0.	0.	0.	0.	4665.
MAX KW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.510	0.000	0.000	0.000	0.000	18.510
DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/ 7	0/ 0	0/ 0	0/ 0	0/ 0	1/ 7
PEAK ENDUSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.510	0.000	0.000	0.000	0.000	18.510
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0

OCT

KWH	0.	0.	0.	0.	0.	0.	0.	4820.	0.	0.	0.	0.	4820.
MAX KW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.510	0.000	0.000	0.000	0.000	18.510
DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/ 7	0/ 0	0/ 0	0/ 0	0/ 0	1/ 7
PEAK ENDUSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.510	0.000	0.000	0.000	0.000	18.510
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0

NOV

KWH	0.	0.	0.	0.	0.	0.	0.	4665.	0.	0.	0.	0.	4665.
MAX KW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.510	0.000	0.000	0.000	0.000	18.510
DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/ 7	0/ 0	0/ 0	0/ 0	0/ 0	1/ 7
PEAK ENDUSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.510	0.000	0.000	0.000	0.000	18.510
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0

DEC

KWH	0.	0.	0.	0.	0.	0.	0.	4820.	0.	0.	0.	0.	4820.
MAX KW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.510	0.000	0.000	0.000	0.000	18.510
DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/ 7	0/ 0	0/ 0	0/ 0	0/ 0	1/ 7
PEAK ENDUSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.510	0.000	0.000	0.000	0.000	18.510
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0

=====

KWH	0.	0.	0.	0.	0.	0.	0.	56752.	0.	0.	0.	0.	56752.
MAX KW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.510	0.000	0.000	0.000	0.000	18.510
MON/DY	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/ 1	0/ 0	0/ 0	0/ 0	0/ 0	1/ 1
PEAK ENDUSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.510	0.000	0.000	0.000	0.000	18.510
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0

YEARLY TRANSFORMER LOSSES = 0.0 KWH

REPORT- PS-F Energy End-Use Summary for EM3-Retail Non-Res WEATHER FILE- SEATTLE BOEING FI WA

	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
JAN													
KWH	1280.	0.	4687.	15294.	0.	0.	0.	9926.	0.	10699.	1345.	0.	43231.
MAX KW	2.697	0.000	9.650	27.850	0.000	0.000	0.000	13.342	0.000	121.581	2.617	0.000	166.322
DAY/HR	2/11	0/ 0	1/10	8/ 7	0/ 0	0/ 0	0/ 0	1/ 1	0/ 0	5/ 7	2/ 8	0/ 0	5/ 8
PEAK ENDUSE	0.899	0.000	5.790	23.882	0.000	0.000	0.000	13.342	0.000	121.581	0.828	0.000	
PEAK PCT	0.5	0.0	3.5	14.4	0.0	0.0	0.0	8.0	0.0	73.1	0.5	0.0	
FEB													
KWH	1159.	0.	4233.	13397.	0.	0.	0.	8966.	0.	3227.	1222.	0.	32204.
MAX KW	2.697	0.000	9.650	27.905	0.000	0.000	0.000	13.342	0.000	90.363	2.617	0.000	136.092
DAY/HR	1/11	0/ 0	1/10	25/10	0/ 0	0/ 0	0/ 0	1/ 1	0/ 0	27/ 7	1/ 8	0/ 0	27/ 7
PEAK ENDUSE	1.199	0.000	3.860	26.501	0.000	0.000	0.000	13.342	0.000	90.363	0.828	0.000	
PEAK PCT	0.9	0.0	2.8	19.5	0.0	0.0	0.0	9.8	0.0	66.4	0.6	0.0	
MAR													
KWH	1287.	0.	4687.	11108.	46.	0.	0.	9926.	0.	597.	1344.	0.	28995.
MAX KW	2.697	0.000	9.650	27.849	9.611	0.000	0.000	13.342	0.000	61.920	2.617	0.000	108.117
DAY/HR	1/11	0/ 0	1/10	20/ 8	29/15	0/ 0	0/ 0	1/ 1	0/ 0	2/ 7	1/ 8	0/ 0	2/ 7
PEAK ENDUSE	0.899	0.000	3.860	27.268	0.000	0.000	0.000	13.342	0.000	61.920	0.828	0.000	
PEAK PCT	0.8	0.0	3.6	25.2	0.0	0.0	0.0	12.3	0.0	57.3	0.8	0.0	
APR													
KWH	1256.	0.	4536.	8121.	0.	0.	0.	9606.	0.	193.	1289.	0.	25001.
MAX KW	2.697	0.000	9.650	27.783	0.000	0.000	0.000	13.342	0.000	51.134	2.617	0.000	97.842
DAY/HR	1/11	0/ 0	1/10	7/ 7	0/ 0	0/ 0	0/ 0	1/ 2	0/ 0	24/ 7	2/ 8	0/ 0	24/ 7
PEAK ENDUSE	1.199	0.000	3.860	27.479	0.000	0.000	0.000	13.342	0.000	51.134	0.828	0.000	
PEAK PCT	1.2	0.0	3.9	28.1	0.0	0.0	0.0	13.6	0.0	52.3	0.8	0.0	
MAY													
KWH	1290.	0.	4687.	5504.	61.	0.	0.	9926.	0.	0.	1302.	0.	22770.
MAX KW	2.697	0.000	9.650	25.965	5.784	0.000	0.000	13.342	0.000	0.000	2.557	0.000	48.185
DAY/HR	1/11	0/ 0	1/10	6/ 7	15/19	0/ 0	0/ 0	1/ 2	0/ 0	0/ 0	10/ 8	0/ 0	9/11
PEAK ENDUSE	2.697	0.000	9.650	20.488	0.000	0.000	0.000	13.342	0.000	0.000	2.008	0.000	
PEAK PCT	5.6	0.0	20.0	42.5	0.0	0.0	0.0	27.7	0.0	0.0	4.2	0.0	
JUN													
KWH	1243.	0.	4536.	2832.	186.	0.	0.	9606.	0.	0.	1232.	0.	19636.
MAX KW	2.697	0.000	9.650	17.340	8.443	0.000	0.000	13.342	0.000	0.000	2.490	0.000	40.961
DAY/HR	1/18	0/ 0	1/10	12/ 7	20/17	0/ 0	0/ 0	1/ 2	0/ 0	0/ 0	12/ 8	0/ 0	6/10
PEAK ENDUSE	1.798	0.000	9.650	14.077	0.000	0.000	0.000	13.342	0.000	0.000	2.094	0.000	
PEAK PCT	4.4	0.0	23.6	34.4	0.0	0.0	0.0	32.6	0.0	0.0	5.1	0.0	
JUL													
KWH	1290.	0.	4687.	1007.	1463.	0.	0.	9926.	0.	0.	1257.	0.	19629.
MAX KW	2.697	0.000	9.650	13.130	21.531	0.000	0.000	13.342	0.000	0.000	2.448	0.000	49.122
DAY/HR	1/11	0/ 0	1/10	5/ 7	23/18	0/ 0	0/ 0	1/ 2	0/ 0	0/ 0	5/ 8	0/ 0	23/18
PEAK ENDUSE	2.697	0.000	9.650	0.000	21.531	0.000	0.000	13.342	0.000	0.000	1.901	0.000	
PEAK PCT	5.5	0.0	19.6	0.0	43.8	0.0	0.0	27.2	0.0	0.0	3.9	0.0	
AUG													
KWH	1298.	0.	4687.	959.	1137.	0.	0.	9926.	0.	0.	1252.	0.	19259.
MAX KW	2.697	0.000	9.650	13.033	20.914	0.000	0.000	13.342	0.000	0.000	2.427	0.000	48.491
DAY/HR	1/11	0/ 0	1/10	1/ 7	10/18	0/ 0	0/ 0	1/ 2	0/ 0	0/ 0	1/ 8	0/ 0	10/18
PEAK ENDUSE	2.697	0.000	9.650	0.000	20.914	0.000	0.000	13.342	0.000	0.000	1.888	0.000	
PEAK PCT	5.6	0.0	19.9	0.0	43.1	0.0	0.0	27.5	0.0	0.0	3.9	0.0	

REPORT- PS-F Energy End-Use Summary for EM3-Retail Non-Res

WEATHER FILE- SEATTLE BOEING FI WA

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

SEP

KWH	1236.	0.	4536.	2805.	571.	0.	0.	9606.	0.	0.	1206.	0.	19960.
MAX KW	2.697	0.000	9.650	25.690	13.536	0.000	0.000	13.342	0.000	0.000	2.435	0.000	45.730
DAY/HR	3/11	0/ 0	1/10	28/ 7	19/16	0/ 0	0/ 0	1/ 2	0/ 0	0/ 0	27/ 8	0/ 0	28/ 8
PEAK ENDUSE	0.899	0.000	5.790	24.871	0.000	0.000	0.000	13.342	0.000	0.000	0.828	0.000	
PEAK PCT	2.0	0.0	12.7	54.4	0.0	0.0	0.0	29.2	0.0	0.0	1.8	0.0	

OCT

KWH	1290.	0.	4687.	7520.	58.	0.	0.	9926.	0.	161.	1272.	0.	24915.
MAX KW	2.697	0.000	9.650	27.762	9.475	0.000	0.000	13.342	0.000	48.268	2.482	0.000	95.056
DAY/HR	1/11	0/ 0	1/10	30/ 4	6/16	0/ 0	0/ 0	1/ 2	0/ 0	22/ 7	22/ 8	0/ 0	22/ 7
PEAK ENDUSE	1.199	0.000	3.860	27.560	0.000	0.000	0.000	13.342	0.000	48.268	0.828	0.000	
PEAK PCT	1.3	0.0	4.1	29.0	0.0	0.0	0.0	14.0	0.0	50.8	0.9	0.0	

NOV

KWH	1234.	0.	4536.	11273.	0.	0.	0.	9606.	0.	644.	1250.	0.	28541.
MAX KW	2.697	0.000	9.650	27.872	0.000	0.000	0.000	13.342	0.000	50.278	2.544	0.000	96.997
DAY/HR	1/11	0/ 0	1/10	27/ 8	0/ 0	0/ 0	0/ 0	1/ 2	0/ 0	5/ 7	5/ 8	0/ 0	5/ 7
PEAK ENDUSE	1.199	0.000	3.860	27.491	0.000	0.000	0.000	13.342	0.000	50.278	0.828	0.000	
PEAK PCT	1.2	0.0	4.0	28.3	0.0	0.0	0.0	13.8	0.0	51.8	0.9	0.0	

DEC

KWH	1280.	0.	4687.	15473.	0.	0.	0.	9926.	0.	5310.	1320.	0.	37996.
MAX KW	2.697	0.000	9.650	27.803	0.000	0.000	0.000	13.342	0.000	72.623	2.609	0.000	121.895
DAY/HR	2/11	0/ 0	1/10	13/ 3	0/ 0	0/ 0	0/ 0	1/ 1	0/ 0	27/ 7	26/20	0/ 0	27/ 9
PEAK ENDUSE	1.798	0.000	7.720	27.053	0.000	0.000	0.000	13.342	0.000	69.512	2.469	0.000	
PEAK PCT	1.5	0.0	6.3	22.2	0.0	0.0	0.0	10.9	0.0	57.0	2.0	0.0	

=====

KWH	15142.	0.	55183.	95292.	3523.	0.	0.	116875.	0.	20832.	15291.	0.	322139.
MAX KW	2.697	0.000	9.650	27.905	21.531	0.000	0.000	13.342	0.000	121.581	2.617	0.000	166.322
MON/DY	1/ 2	0/ 0	1/ 1	2/25	7/23	0/ 0	0/ 0	1/ 1	0/ 0	1/ 5	1/ 2	0/ 0	1/ 5
PEAK ENDUSE	0.899	0.000	5.790	23.882	0.000	0.000	0.000	13.342	0.000	121.581	0.828	0.000	
PEAK PCT	0.5	0.0	3.5	14.4	0.0	0.0	0.0	8.0	0.0	73.1	0.5	0.0	

YEARLY TRANSFORMER LOSSES = 0.0 KWH

REPORT- PS-F Energy End-Use Summary for FM1

WEATHER FILE- SEATTLE BOEING FI WA

[illegible]

REPORT- PS-F Energy End-Use Summary for FM1

WEATHER FILE- SEATTLE BOEING FI WA

-- (CONTINUED) -----

SEP

[illegible]

OCT

[illegible]

NOV

[illegible]

DEC

[illegible][illegible]

*** CIRCULATION LOOPS ***

HEATING DEMAND (MBTU/HR)	COOLING DEMAND (MBTU/HR)	LOOP FLOW (GPM)	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)
DHW Plant 1 Res Loop (1)									
-1.187	0.000	13.8	23.4	0.0	0.00	0.0	0.00	20.7	1.00
Restaurant DHW Loop									
-0.020	0.000	0.1	23.4	0.0	0.00	0.0	0.00	0.2	1.00
DEFAULT-CHW									
0.000	0.093	16.4	36.6	0.0	0.00	0.0	0.00	24.5	1.00
DEFAULT-CW									
0.000	0.111	21.7	56.9	0.0	0.00	0.0	0.00	0.0	1.00

*** PUMPS ***

ATTACHED TO	FLOW (GPM)	HEAD (FT)	HEAD SETPOINT (FT)	CAPACITY CONTROL	POWER (KW)	MECHANICAL EFFICIENCY (FRAC)	MOTOR EFFICIENCY (FRAC)
DEFAULT-CHW-PUMP	1 PUMP(s)						
DEFAULT-CHW	18.0	62.5	0.0	ONE-SPEED	0.393	0.770	0.700
PRIMARY LOOP							
DEFAULT-CW-PUMP	1 PUMP(s)						
DEFAULT-CW	23.9	55.9	0.0	ONE-SPEED	0.454	0.770	0.720
PRIMARY LOOP							
Primary CHW Pump	1 PUMP(s)						
Chiller 1	18.3	16.5	0.0	ONE-SPEED	0.123	0.770	0.600
EVAPORATOR (RUN-AROUND)							

*** PRIMARY EQUIPMENT ***

EQUIPMENT TYPE	ATTACHED TO	CAPACITY (MBTU/HR)	FLOW (GPM)	HEAD (FT)
Chiller 1				
ELEC-SCREW	DEFAULT-CHW	0.093	17.4	15.0
	DEFAULT-CW	0.110	21.7	15.0
CT-1				
OPEN-TWR	DEFAULT-CW	0.111	21.7	20.0
RCC-1				
ELEC DW-HEATER	DHW Plant 1 Res Loop (1)	-0.175	5.6	
RCC-2				
ELEC DW-HEATER	DHW Plant 1 Res Loop (1)	-0.175	5.6	
RCC-3				
ELEC DW-HEATER	DHW Plant 1 Res Loop (1)	-0.175	5.6	

RST DHW Heater			
ELEC DW-HEATER	Restaurant DHW Loop	-0.006	0.1

REPORT- SV-A System Design Parameters for P1B (B.NE14) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR	MAX PEOPLE	OUTSIDE	COOLING	SENSIBLE (SHR)	HEATING	COOLING	HEATING	HEAT PUMP
		AREA (SQFT)		AIR RATIO	CAPACITY (KBTU/HR)		CAPACITY (KBTU/HR)	EIR (BTU/BTU)	EIR (BTU/BTU)	SUPP-HEAT (KBTU/HR)
PVVT	1.001	705.0	1.	0.102	13.893	0.742	-12.503	0.266	0.271	-15.162

FAN TYPE	CAPACITY (CFM)	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
		FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	463.	1.00	0.139	0.93	1.0	0.40	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY FLOW	EXHAUST FLOW	FAN FLOW	MINIMUM FLOW	OUTSIDE AIR FLOW	COOLING CAPACITY	EXTRACTION SENSIBLE RATE	HEATING CAPACITY	ADDITION RATE	ZONE
NAME	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC) (KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
P1B NE Perim Zn (B.NE14) 1	463.	0.	0.000	0.740	47.	0.00	0.00 9.99	0.00	-13.08	1.

REPORT- SV-A System Design Parameters for

L1A (G.E19) APT2 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	1033.8	1.	0.131	15.814	0.742	-14.232	0.266	0.271	-17.259
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	528.	1.00	0.158	0.93	1.0	0.40	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L1A East Perim Zn (G.E19)T	528.	0.	0.000	0.700	69.	0.00	0.00	9.93	0.00	-14.06

1.

REPORT- SV-A System Design Parameters for

L1A (G.WNW27) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	493.5	1.	0.095	10.381	0.742	-9.343	0.266	0.271	-7.089

FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	346.	1.00	0.104	0.94	1.0	0.37	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING		EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L1A WNW Perim Zn (G.WNW27P	346.	0.	0.000	0.419	33.	0.00	0.00	10.35	0.00	-5.51	1.

REPORT- SV-A System Design Parameters for L1B (G.N5) APT4 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR	MAX PEOPLE	OUTSIDE	COOLING	SENSIBLE (SHR)	HEATING	COOLING	HEATING	HEAT PUMP
		AREA (SQFT)		AIR RATIO	CAPACITY (KBTU/HR)		CAPACITY (KBTU/HR)	EIR (BTU/BTU)	EIR (BTU/BTU)	SUPP-HEAT (KBTU/HR)
PVVT	1.001	2580.0	3.	0.114	45.098	0.742	-40.588	0.266	0.271	-21.283

		DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
FAN	CAPACITY	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
TYPE	(CFM)	(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	1504.	1.00	0.451	0.94	1.2	0.48	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION		HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L1B North Perim Zn (G.N5)T	1504.	0.	0.000	0.224	172.	0.00	0.00	44.46	0.00	-12.77	1.

REPORT- SV-A System Design Parameters for L1B (G.E6) APT1 PTHP WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	668.0	1.	0.113	11.819	0.742	-10.637	0.266	0.271	-8.179
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	394.	1.00	0.118	0.94	1.0	0.37	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L1B East Perim Zn (G.E6) 1	394.	0.	0.000	0.402	45.	0.00	0.00	11.53	0.00	-6.02

1.

REPORT- SV-A System Design Parameters for L1B (G.W7) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR	MAX PEOPLE	OUTSIDE	COOLING	SENSIBLE (SHR)	HEATING	COOLING	HEATING	HEAT PUMP
		AREA (SQFT)		AIR RATIO	CAPACITY (KBTU/HR)		CAPACITY (KBTU/HR)	EIR (BTU/BTU)	EIR (BTU/BTU)	SUPP-HEAT (KBTU/HR)
PVVT	1.001	765.0	1.	0.114	13.401	0.742	-12.061	0.266	0.271	-14.626

DESIGN DATA										DESIGN DATA	
FAN TYPE	CAPACITY (CFM)	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
		FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	447.	1.00	0.134	0.93	1.0	0.40	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION		HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L1B West Perim Zn (G.W7) 1	447.	0.	0.000	0.722	51.	0.00	0.00	13.69	0.00	-12.29	1.

REPORT- SV-A System Design Parameters for

L1B (G.W8) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	654.5	1.	0.104	12.558	0.742	-11.302	0.266	0.271	-13.706
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	419.	1.00	0.126	0.93	1.0	0.37	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L1B West Perim Zn (G.W8) 1	419.	0.	0.000	0.736	44.	0.00	0.00	6.76	0.00	-11.73

1.

REPORT- SV-A System Design Parameters for L1B (G.E9) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR	MAX PEOPLE	OUTSIDE	COOLING	SENSIBLE (SHR)	HEATING	COOLING	HEATING	HEAT PUMP
		AREA (SQFT)		AIR RATIO	CAPACITY (KBTU/HR)		CAPACITY (KBTU/HR)	EIR (BTU/BTU)	EIR (BTU/BTU)	SUPP-HEAT (KBTU/HR)
PVVT	1.001	713.5	1.	0.113	12.583	0.742	-11.325	0.266	0.271	-13.734

DESIGN DATA										DESIGN DATA	
FAN TYPE	CAPACITY (CFM)	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
		FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	420.	1.00	0.126	0.93	1.0	0.37	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION		HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L1B East Perim Zn (G.E9) 1	420.	0.	0.000	0.724	48.	0.00	0.00	7.36	0.00	-11.56	1.

REPORT- SV-A System Design Parameters for

L1B (G.E10) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	519.0	1.	0.083	12.438	0.742	-11.194	0.266	0.271	-13.575
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	415.	1.00	0.124	0.93	1.0	0.37	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L1B East Perim Zn (G.E10)T	415.	0.	0.000	0.764	35.	0.00	0.00	7.62	0.00	-12.06

1.

REPORT- SV-A System Design Parameters for

L1B (G.E29) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	429.5	1.	0.096	8.978	0.742	-8.080	0.266	0.271	-6.447
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	300.	1.00	0.090	0.94	0.9	0.34	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L1B East Perim Zn (G.E29)T	300.	0.	0.000	0.446	29.	0.00	0.00	8.97	0.00	-5.08

1.

REPORT- SV-A System Design Parameters for

L2A (G.E14) APT3 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	1947.8	2.	0.248	15.695	0.742	-14.126	0.266	0.271	-13.573

FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	524.	1.00	0.157	0.94	1.0	0.40	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING		EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L2A East Perim Zn (G.E14)T	524.	0.	0.000	0.358	130.	0.00	0.00	12.95	0.00	-7.13	1.

REPORT- SV-A System Design Parameters for L2A (G.N19) APT2 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR	MAX PEOPLE	OUTSIDE	COOLING	SENSIBLE (SHR)	HEATING	COOLING	HEATING	HEAT PUMP
		AREA (SQFT)		AIR RATIO	CAPACITY (KBTU/HR)		CAPACITY (KBTU/HR)	EIR (BTU/BTU)	EIR (BTU/BTU)	SUPP-HEAT (KBTU/HR)
PVVT	1.001	1039.0	1.	0.122	17.058	0.742	-15.353	0.266	0.271	-8.948

		DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
FAN	CAPACITY	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
TYPE	(CFM)	(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	569.	1.00	0.171	0.94	1.0	0.40	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION		HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L2A North Perim Zn (G.N19P	569.	0.	0.000	0.256	69.	0.00	0.00	16.87	0.00	-5.53	1.

REPORT- SV-A System Design Parameters for L2B (G.N4) APT4 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR	MAX PEOPLE	OUTSIDE	COOLING	SENSIBLE (SHR)	HEATING	COOLING	HEATING	HEAT PUMP
		AREA (SQFT)		AIR RATIO	CAPACITY (KBTU/HR)		CAPACITY (KBTU/HR)	EIR (BTU/BTU)	EIR (BTU/BTU)	SUPP-HEAT (KBTU/HR)
PVVT	1.001	2928.0	4.	0.129	45.329	0.742	-40.796	0.266	0.271	-22.210

DESIGN DATA										DESIGN DATA	
FAN TYPE	CAPACITY (CFM)	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
		FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	1512.	1.00	0.453	0.94	1.2	0.48	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION		HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L2B North Perim Zn (G.N4)T	1512.	0.	0.000	0.218	195.	0.00	0.00	44.38	0.00	-12.52	1.

REPORT- SV-A System Design Parameters for

L2B (G.E5) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	984.0	1.	0.119	16.484	0.742	-14.835	0.266	0.271	-11.724

FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	550.	1.00	0.165	0.94	1.0	0.40	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING		EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L2B East Perim Zn (G.E5) 1	550.	0.	0.000	0.409	66.	0.00	0.00	16.15	0.00	-8.53	1.

REPORT- SV-A System Design Parameters for

L2B (G.W7) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	654.5	1.	0.226	5.803	0.742	-5.223	0.266	0.271	-3.345
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	194.	1.00	0.058	0.94	0.8	0.30	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L2B West Perim Zn (G.W7) 1	194.	0.	0.000	0.226	44.	0.00	0.00	4.69	0.00	-1.17

1.

REPORT- SV-A System Design Parameters for L2B (G.E8) APT1 PTHP WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	628.5	1.	0.222	5.660	0.742	-5.094	0.266	0.271	-3.124
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	189.	1.00	0.057	0.94	0.8	0.30	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L2B East Perim Zn (G.E8) 1	189.	0.	0.000	0.222	42.	0.00	0.00	4.64	0.00	-1.04

1.

REPORT- SV-A System Design Parameters for L2B (G.E9) APT1 PTHP WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	558.0	1.	0.150	7.437	0.742	-6.693	0.266	0.271	-7.717
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	248.	1.00	0.074	0.94	0.9	0.34	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L2B East Perim Zn (G.E9) 1	248.	0.	0.000	0.629	37.	0.00	0.00	6.34	0.00	-5.94

1.

REPORT- SV-A System Design Parameters for

L2B (G.E23) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	714.0	1.	0.118	12.123	0.742	-10.911	0.266	0.271	-10.072
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	404.	1.00	0.121	0.94	1.0	0.37	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L2B East Perim Zn (G.E23)T	404.	0.	0.000	0.507	48.	0.00	0.00	11.85	0.00	-7.79

1.

REPORT- SV-A System Design Parameters for

L3A (G.E13) APT4 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	2229.8	3.	0.248	17.987	0.742	-16.189	0.266	0.271	-11.800
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	600.	1.00	0.180	0.94	1.0	0.40	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L3A East Perim Zn (G.E13)T	600.	0.	0.000	0.248	149.	0.00	0.00	14.52	0.00	-4.39

1.

REPORT- SV-A System Design Parameters for

L3A (G.NW17) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	915.5	1.	0.117	15.702	0.742	-14.132	0.266	0.271	-8.981
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	524.	1.00	0.157	0.94	1.0	0.40	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L3A NW Perim Zn (G.NW17) 1	524.	0.	0.000	0.301	61.	0.00	0.00	14.18	0.00	-5.98

1.

REPORT- SV-A System Design Parameters for L3A (G.W21) APT4 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR	MAX PEOPLE	OUTSIDE	COOLING	SENSIBLE (SHR)	HEATING	COOLING	HEATING	HEAT PUMP
		AREA (SQFT)		AIR RATIO	CAPACITY (KBTU/HR)		CAPACITY (KBTU/HR)	EIR (BTU/BTU)	EIR (BTU/BTU)	SUPP-HEAT (KBTU/HR)
PVVT	1.001	2478.2	3.	0.172	28.823	0.742	-25.941	0.266	0.271	-17.612

		DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
FAN	CAPACITY	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
TYPE	(CFM)	(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	962.	1.00	0.288	0.94	1.2	0.47	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION		HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L3A West Perim Zn (G.W21)T	962.	0.	0.000	0.258	165.	0.00	0.00	25.70	0.00	-9.40	1.

REPORT- SV-A System Design Parameters for L3A (G.SW22) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

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)
PVVT	1.001	944.2	1.	0.129	14.626	0.742	-13.163	0.266	0.271	-8.607

DESIGN DATA										MAX FAN	MIN FAN
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH				
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	488.	1.00	0.146	0.94	1.0	0.40	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY FLOW	EXHAUST FLOW	FAN FLOW	MINIMUM FLOW	OUTSIDE AIR FLOW	COOLING CAPACITY	EXTRACTION SENSIBLE RATE	HEATING CAPACITY	ADDITION RATE	ZONE
NAME	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC) (KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L3A SW Perim Zn (G.SW22) 1	488.	0.	0.000	0.297	63.	0.00	0.00 14.42	0.00	-5.50	1.

REPORT- SV-A System Design Parameters for L3A (G.S24) APT3 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR		OUTSIDE	COOLING		HEATING	COOLING	HEATING	HEAT PUMP
		AREA	MAX	AIR	CAPACITY	SENSIBLE	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)	PEOPLE	RATIO	(KBTU/HR)	(SHR)	(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	1832.5	2.	0.144	25.380	0.742	-22.842	0.266	0.271	-13.031

		DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
FAN	CAPACITY	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
TYPE	(CFM)	(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	847.	1.00	0.254	0.94	1.0	0.41	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE NAME	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION		HEATING	ADDITION	
	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L3A South Perim Zn (G.S24P	847.	0.	0.000	0.217	122.	0.00	0.00	26.65	0.00	-6.95	1.

REPORT- SV-A System Design Parameters for L3B (G.N4) APT4 PTHP WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	2928.0	4.	0.136	43.003	0.742	-38.703	0.266	0.271	-20.644
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	1435.	1.00	0.430	0.94	1.2	0.48	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L3B North Perim Zn (G.N4)T	1435.	0.	0.000	0.201	195.	0.00	0.00	40.78	0.00	-10.93

1.

REPORT- SV-A System Design Parameters for L3B (G.E5) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR	MAX PEOPLE	OUTSIDE	COOLING	SENSIBLE (SHR)	HEATING	COOLING	HEATING	HEAT PUMP
		AREA (SQFT)		AIR RATIO	CAPACITY (KBTU/HR)		CAPACITY (KBTU/HR)	EIR (BTU/BTU)	EIR (BTU/BTU)	SUPP-HEAT (KBTU/HR)
PVVT	1.001	984.0	1.	0.129	15.289	0.742	-13.760	0.266	0.271	-10.096

DESIGN DATA										DESIGN DATA	
FAN TYPE	CAPACITY (CFM)	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
		FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	510.	1.00	0.153	0.94	1.0	0.40	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION		HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L3B East Perim Zn (G.E5) 1	510.	0.	0.000	0.356	66.	0.00	0.00	14.50	0.00	-6.88	1.

REPORT- SV-A System Design Parameters for L3B (G.W6) APT1 PTHP WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	765.0	1.	0.136	11.289	0.742	-10.160	0.266	0.271	-7.680
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	377.	1.00	0.113	0.94	1.0	0.37	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L3B West Perim Zn (G.W6) 1	377.	0.	0.000	0.362	51.	0.00	0.00	10.52	0.00	-5.18

1.

REPORT- SV-A System Design Parameters for L3B (G.W7) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR	MAX PEOPLE	OUTSIDE	COOLING	SENSIBLE (SHR)	HEATING	COOLING	HEATING	HEAT PUMP
		AREA (SQFT)		AIR RATIO	CAPACITY (KBTU/HR)		CAPACITY (KBTU/HR)	EIR (BTU/BTU)	EIR (BTU/BTU)	SUPP-HEAT (KBTU/HR)
PVVT	1.001	654.5	1.	0.222	5.903	0.742	-5.313	0.266	0.271	-3.738

DESIGN DATA										MAX FAN	MIN FAN
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH				
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	197.	1.00	0.059	0.94	0.8	0.30	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION		HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L3B West Perim Zn (G.W7) 1	197.	0.	0.000	0.222	44.	0.00	0.00	4.63	0.00	-1.56	1.

REPORT- SV-A System Design Parameters for L3B (G.E8) APT1 PTHP WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	628.5	1.	0.219	5.746	0.742	-5.172	0.266	0.271	-3.380
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	192.	1.00	0.057	0.94	0.8	0.30	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L3B East Perim Zn (G.E8) 1	192.	0.	0.000	0.219	42.	0.00	0.00	4.62	0.00	-1.29

1.

REPORT- SV-A System Design Parameters for L3B (G.E9) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR	MAX PEOPLE	OUTSIDE	COOLING	SENSIBLE (SHR)	HEATING	COOLING	HEATING	HEAT PUMP
		AREA (SQFT)		AIR RATIO	CAPACITY (KBTU/HR)		CAPACITY (KBTU/HR)	EIR (BTU/BTU)	EIR (BTU/BTU)	SUPP-HEAT (KBTU/HR)
PVVT	1.001	789.0	1.	0.158	10.006	0.742	-9.006	0.266	0.271	-9.058

DESIGN DATA										MAX FAN	MIN FAN
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH				
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	334.	1.00	0.100	0.94	1.0	0.37	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY FLOW	EXHAUST FLOW	FAN FLOW	MINIMUM FLOW	OUTSIDE AIR FLOW	COOLING CAPACITY	EXTRACTION SENSIBLE RATE	HEATING CAPACITY	ADDITION RATE	ZONE
NAME	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC) (KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L3B East Perim Zn (G.E9) 1	334.	0.	0.000	0.513	53.	0.00	0.00 9.59	0.00	-6.50	1.

REPORT- SV-A System Design Parameters for L3B (G.E19) APT1 PTHP WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	714.0	1.	0.127	11.280	0.742	-10.152	0.266	0.271	-8.565
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	376.	1.00	0.113	0.94	1.0	0.37	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L3B East Perim Zn (G.E19)T	376.	0.	0.000	0.438	48.	0.00	0.00	10.69	0.00	-6.25

1.

REPORT- SV-A System Design Parameters for L4A (G.E13) APT4 PTHP WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	2229.8	3.	0.246	18.099	0.742	-16.289	0.266	0.271	-11.413
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	604.	1.00	0.181	0.94	1.0	0.40	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L4A East Perim Zn (G.E13)T	604.	0.	0.000	0.246	149.	0.00	0.00	14.64	0.00	-4.00

1.

REPORT- SV-A System Design Parameters for L4A (G.NW17) APT1 PTHP WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	915.5	1.	0.115	15.864	0.742	-14.278	0.266	0.271	-8.395
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	529.	1.00	0.159	0.94	1.0	0.40	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L4A NW Perim Zn (G.NW17) 1	529.	0.	0.000	0.268	61.	0.00	0.00	14.58	0.00	-5.38

1.

REPORT- SV-A System Design Parameters for

L4A (G.W21) APT4 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	2478.2	3.	0.173	28.661	0.742	-25.795	0.266	0.271	-15.678

FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	956.	1.00	0.287	0.94	1.2	0.47	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING		EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L4A West Perim Zn (G.W21)T	956.	0.	0.000	0.205	165.	0.00	0.00	24.46	0.00	-7.43	1.

REPORT- SV-A System Design Parameters for

L4A (G.SW22) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	944.2	1.	0.128	14.787	0.742	-13.308	0.266	0.271	-8.213
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	493.	1.00	0.148	0.94	1.0	0.40	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L4A SW Perim Zn (G.SW22) 1	493.	0.	0.000	0.273	63.	0.00	0.00	14.99	0.00	-5.10

1.

REPORT- SV-A System Design Parameters for L4A (G.S24) APT3 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR	MAX PEOPLE	OUTSIDE	COOLING	SENSIBLE (SHR)	HEATING	COOLING	HEATING	HEAT PUMP
		AREA (SQFT)		AIR RATIO	CAPACITY (KBTU/HR)		CAPACITY (KBTU/HR)	EIR (BTU/BTU)	EIR (BTU/BTU)	SUPP-HEAT (KBTU/HR)
PVVT	1.001	1832.5	2.	0.148	24.848	0.742	-22.363	0.266	0.271	-11.694

		DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
FAN	CAPACITY	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
TYPE	(CFM)	(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	829.	1.00	0.248	0.94	1.0	0.41	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION		HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L4A South Perim Zn (G.S24P	829.	0.	0.000	0.178	122.	0.00	0.00	23.98	0.00	-5.60	1.

REPORT- SV-A System Design Parameters for L4B (G.N4) APT4 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR	MAX PEOPLE	OUTSIDE	COOLING	SENSIBLE (SHR)	HEATING	COOLING	HEATING	HEAT PUMP
		AREA (SQFT)		AIR RATIO	CAPACITY (KBTU/HR)		CAPACITY (KBTU/HR)	EIR (BTU/BTU)	EIR (BTU/BTU)	SUPP-HEAT (KBTU/HR)
PVVT	1.001	2928.0	4.	0.135	43.384	0.742	-39.045	0.266	0.271	-19.969

DESIGN DATA										MAX FAN	MIN FAN
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH				
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	1447.	1.00	0.434	0.94	1.2	0.48	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY FLOW	EXHAUST FLOW	FAN FLOW	MINIMUM FLOW	OUTSIDE AIR FLOW	COOLING CAPACITY	EXTRACTION SENSIBLE	EXTRACTION RATE	HEATING CAPACITY	ADDITION RATE	ZONE
NAME	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L4B North Perim Zn (G.N4)T	1447.	0.	0.000	0.187	195.	0.00	0.00	41.23	0.00	-10.24	1.

REPORT- SV-A System Design Parameters for L4B (G.E5) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
		AREA		AIR	CAPACITY		CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)	PEOPLE	RATIO	(KBTU/HR)	(SHR)	(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	984.0	1.	0.127	15.525	0.742	-13.973	0.266	0.271	-9.668

		DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
FAN	CAPACITY	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
TYPE	(CFM)	(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	518.	1.00	0.155	0.94	1.0	0.40	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE NAME	SUPPLY	EXHAUST	FAN	MINIMUM	OUTSIDE	COOLING	EXTRACTION		HEATING	ADDITION	ZONE MULT
	FLOW (CFM)	FLOW (CFM)		FLOW (FRAC)	AIR FLOW (CFM)	CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	RATE (KBTU/HR)	CAPACITY (KBTU/HR)	RATE (KBTU/HR)	
L4B East Perim Zn (G.E5) 1	518.	0.	0.000	0.328	66.	0.00	0.00	14.76	0.00	-6.44	1.

REPORT- SV-A System Design Parameters for

L4B (G.W6) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	765.0	1.	0.126	12.113	0.742	-10.901	0.266	0.271	-7.332

FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	404.	1.00	0.121	0.94	1.0	0.37	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING		EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L4B West Perim Zn (G.W6) 1	404.	0.	0.000	0.315	51.	0.00	0.00	11.14	0.00	-4.82	1.

REPORT- SV-A System Design Parameters for

L4B (G.W7) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	654.5	1.	0.219	5.979	0.742	-5.381	0.266	0.271	-3.629
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	199.	1.00	0.060	0.94	0.8	0.30	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L4B West Perim Zn (G.W7) 1	199.	0.	0.000	0.219	44.	0.00	0.00	4.69	0.00	-1.45

1.

REPORT- SV-A System Design Parameters for

L4B (G.E8) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	628.5	1.	0.217	5.798	0.742	-5.218	0.266	0.271	-3.263

FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	193.	1.00	0.058	0.94	0.8	0.30	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING		EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L4B East Perim Zn (G.E8) 1	193.	0.	0.000	0.217	42.	0.00	0.00	4.68	0.00	-1.17	1.

REPORT- SV-A System Design Parameters for

L4B (G.E9) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	789.0	1.	0.157	10.047	0.742	-9.042	0.266	0.271	-8.296

FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	335.	1.00	0.100	0.94	1.0	0.37	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING		EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L4B East Perim Zn (G.E9) 1	335.	0.	0.000	0.450	53.	0.00	0.00	10.40	0.00	-5.72	1.

REPORT- SV-A System Design Parameters for L4B (G.S10) APT7 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR	MAX PEOPLE	OUTSIDE	COOLING	SENSIBLE (SHR)	HEATING	COOLING	HEATING	HEAT PUMP
		AREA (SQFT)		AIR RATIO	CAPACITY (KBTU/HR)		CAPACITY (KBTU/HR)	EIR (BTU/BTU)	EIR (BTU/BTU)	SUPP-HEAT (KBTU/HR)
PVVT	1.001	3981.5	5.	0.162	49.279	0.742	-44.351	0.266	0.271	-25.591

		DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
FAN	CAPACITY	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
TYPE	(CFM)	(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	1644.	1.00	0.493	0.94	1.2	0.48	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION		HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L4B South Perim Zn (G.S10P	1644.	0.	0.000	0.198	266.	0.00	0.00	47.04	0.00	-12.35	1.

REPORT- SV-A System Design Parameters for

L4B (G.E19) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	714.0	1.	0.123	11.643	0.742	-10.479	0.266	0.271	-8.179
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	388.	1.00	0.116	0.94	1.0	0.37	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L4B East Perim Zn (G.E19)T	388.	0.	0.000	0.398	48.	0.00	0.00	11.06	0.00	-5.86

1.

REPORT- SV-A System Design Parameters for

L5A (G.W21) APT4 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	2478.2	3.	0.173	28.697	0.742	-25.827	0.266	0.271	-15.679
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	957.	1.00	0.287	0.94	1.2	0.47	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L5A West Perim Zn (G.W21)T	957.	0.	0.000	0.205	165.	0.00	0.00	24.50	0.00	-7.43

1.

REPORT- SV-A System Design Parameters for L5A (G.SW22) APT1 PTHP WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	944.2	1.	0.127	14.906	0.742	-13.416	0.266	0.271	-8.213
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	497.	1.00	0.149	0.94	1.0	0.40	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L5A SW Perim Zn (G.SW22) 1	497.	0.	0.000	0.271	63.	0.00	0.00	15.43	0.00	-5.10

1.

REPORT- SV-A System Design Parameters for L5A (G.S24) APT3 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR	MAX PEOPLE	OUTSIDE	COOLING	SENSIBLE (SHR)	HEATING	COOLING	HEATING	HEAT PUMP
		AREA (SQFT)		AIR RATIO	CAPACITY (KBTU/HR)		CAPACITY (KBTU/HR)	EIR (BTU/BTU)	EIR (BTU/BTU)	SUPP-HEAT (KBTU/HR)
PVVT	1.001	1832.5	2.	0.147	24.865	0.742	-22.378	0.266	0.271	-11.694

DESIGN DATA										DESIGN DATA	
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	829.	1.00	0.249	0.94	1.0	0.41	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION		HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L5A South Perim Zn (G.S24P	829.	0.	0.000	0.178	122.	0.00	0.00	24.00	0.00	-5.59	1.

REPORT- SV-A System Design Parameters for L5B (G.W7) APT1 PTHP WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	654.5	1.	0.216	6.069	0.742	-5.462	0.266	0.271	-3.629
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	202.	1.00	0.061	0.94	0.8	0.30	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L5B West Perim Zn (G.W7) 1	202.	0.	0.000	0.216	44.	0.00	0.00	4.75	0.00	-1.45

1.

REPORT- SV-A System Design Parameters for

L5B (G.E9) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	789.0	1.	0.149	10.604	0.742	-9.543	0.266	0.271	-8.296
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	354.	1.00	0.106	0.94	1.0	0.37	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L5B East Perim Zn (G.E9) 1	354.	0.	0.000	0.426	53.	0.00	0.00	11.54	0.00	-5.72

1.

REPORT- SV-A System Design Parameters for L5B (G.S10) APT7 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR	MAX PEOPLE	OUTSIDE	COOLING	SENSIBLE (SHR)	HEATING	COOLING	HEATING	HEAT PUMP
		AREA (SQFT)		AIR RATIO	CAPACITY (KBTU/HR)		CAPACITY (KBTU/HR)	EIR (BTU/BTU)	EIR (BTU/BTU)	SUPP-HEAT (KBTU/HR)
PVVT	1.001	3981.5	5.	0.162	49.300	0.742	-44.370	0.266	0.271	-25.591

DESIGN DATA										MAX FAN	MIN FAN
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH				
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	1645.	1.00	0.493	0.94	1.2	0.48	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION		HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L5B South Perim Zn (G.S10P	1645.	0.	0.000	0.198	266.	0.00	0.00	47.06	0.00	-12.35	1.

REPORT- SV-A System Design Parameters for

L5B (G.E19) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	714.0	1.	0.119	12.049	0.742	-10.844	0.266	0.271	-8.301

FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	402.	1.00	0.120	0.94	1.0	0.37	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING		EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L5B East Perim Zn (G.E19)T	402.	0.	0.000	0.392	48.	0.00	0.00	11.45	0.00	-5.98	1.

REPORT- SV-A System Design Parameters for

L6A (G.E13) APT4 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	2229.8	3.	0.230	19.389	0.742	-17.450	0.266	0.271	-12.200
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	647.	1.00	0.194	0.94	1.0	0.41	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L6A East Perim Zn (G.E13)T	647.	0.	0.000	0.230	149.	0.00	0.00	16.08	0.00	-4.78

1.

REPORT- SV-A System Design Parameters for L6A (G.NW17) APT1 PTHP WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	731.2	1.	0.095	15.330	0.742	-13.797	0.266	0.271	-8.225

FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	511.	1.00	0.153	0.94	1.0	0.40	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING		EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L6A NW Perim Zn (G.NW17) 1	511.	0.	0.000	0.301	49.	0.00	0.00	14.33	0.00	-5.84	1.

REPORT- SV-A System Design Parameters for

L6A (G.W21) APT4 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	2478.2	3.	0.158	31.314	0.742	-28.182	0.266	0.271	-17.255
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	1045.	1.00	0.313	0.94	1.2	0.47	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L6A West Perim Zn (G.W21)T	1045.	0.	0.000	0.228	165.	0.00	0.00	27.45	0.00	-9.03

1.

REPORT- SV-A System Design Parameters for L6A (G.SW22) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR	MAX PEOPLE	OUTSIDE	COOLING	SENSIBLE (SHR)	HEATING	COOLING	HEATING	HEAT PUMP
		AREA (SQFT)		AIR RATIO	CAPACITY (KBTU/HR)		CAPACITY (KBTU/HR)	EIR (BTU/BTU)	EIR (BTU/BTU)	SUPP-HEAT (KBTU/HR)
PVVT	1.001	944.2	1.	0.125	15.071	0.742	-13.564	0.266	0.271	-8.326

DESIGN DATA										DESIGN DATA	
FAN TYPE	CAPACITY (CFM)	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
		FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	503.	1.00	0.151	0.94	1.0	0.40	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION		HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L6A SW Perim Zn (G.SW22) 1	503.	0.	0.000	0.274	63.	0.00	0.00	15.83	0.00	-5.22	1.

REPORT- SV-A System Design Parameters for L6A (G.S24) APT3 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR	MAX PEOPLE	OUTSIDE	COOLING	SENSIBLE (SHR)	HEATING	COOLING	HEATING	HEAT PUMP
		AREA (SQFT)		AIR RATIO	CAPACITY (KBTU/HR)		CAPACITY (KBTU/HR)	EIR (BTU/BTU)	EIR (BTU/BTU)	SUPP-HEAT (KBTU/HR)
PVVT	1.001	1832.5	2.	0.145	25.352	0.742	-22.817	0.266	0.271	-12.869

DESIGN DATA										DESIGN DATA	
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	846.	1.00	0.254	0.94	1.0	0.41	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY FLOW	EXHAUST FLOW	FAN	MINIMUM FLOW	OUTSIDE AIR FLOW	COOLING CAPACITY	EXTRACTION SENSIBLE	HEATING RATE	ADDITION RATE	ZONE	
NAME	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	MULT	
L6A South Perim Zn (G.S24P	846.	0.	0.000	0.212	122.	0.00	0.00	24.55	0.00	-6.79	1.

REPORT- SV-A System Design Parameters for

L6B (G.N4) APT4 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	2928.0	4.	0.131	44.629	0.742	-40.166	0.266	0.271	-20.535
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	1489.	1.00	0.446	0.94	1.2	0.48	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L6B North Perim Zn (G.N4)T	1489.	0.	0.000	0.192	195.	0.00	0.00	42.50	0.00	-10.81

1.

REPORT- SV-A System Design Parameters for

L6B (G.E5) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	984.0	1.	0.123	16.066	0.742	-14.460	0.266	0.271	-9.812

FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	536.	1.00	0.161	0.94	1.0	0.40	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING		EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L6B East Perim Zn (G.E5) 1	536.	0.	0.000	0.324	66.	0.00	0.00	15.29	0.00	-6.59	1.

REPORT- SV-A System Design Parameters for L6B (G.W6) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR	MAX PEOPLE	OUTSIDE	COOLING	SENSIBLE (SHR)	HEATING	COOLING	HEATING	HEAT PUMP
		AREA (SQFT)		AIR RATIO	CAPACITY (KBTU/HR)		CAPACITY (KBTU/HR)	EIR (BTU/BTU)	EIR (BTU/BTU)	SUPP-HEAT (KBTU/HR)
PVVT	1.001	765.0	1.	0.123	12.484	0.742	-11.236	0.266	0.271	-7.343

DESIGN DATA										MAX FAN	MIN FAN
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH				
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	416.	1.00	0.125	0.94	1.0	0.37	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY FLOW	EXHAUST FLOW	FAN FLOW	MINIMUM FLOW	OUTSIDE AIR FLOW	COOLING CAPACITY	EXTRACTION SENSIBLE RATE	HEATING CAPACITY	ADDITION RATE	ZONE
NAME	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC) (KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L6B West Perim Zn (G.W6) 1	416.	0.	0.000	0.306	51.	0.00	0.00 11.48	0.00	-4.83	1.

REPORT- SV-A System Design Parameters for L6B (G.W7) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR	MAX PEOPLE	OUTSIDE	COOLING	SENSIBLE (SHR)	HEATING	COOLING	HEATING	HEAT PUMP
		AREA (SQFT)		AIR RATIO	CAPACITY (KBTU/HR)		CAPACITY (KBTU/HR)	EIR (BTU/BTU)	EIR (BTU/BTU)	SUPP-HEAT (KBTU/HR)
PVVT	1.001	654.5	1.	0.206	6.351	0.742	-5.716	0.266	0.271	-3.631

		DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
FAN	CAPACITY	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
TYPE	(CFM)	(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	212.	1.00	0.064	0.94	0.9	0.34	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY FLOW	EXHAUST FLOW	FAN FLOW	MINIMUM FLOW	OUTSIDE AIR FLOW	COOLING CAPACITY	EXTRACTION SENSIBLE	HEATING RATE	ADDITION RATE	ZONE
NAME	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	MULT
L6B West Perim Zn (G.W7) 1	212.	0.	0.000	0.206	44.	0.00	0.00	5.08	0.00	-1.45 1.

REPORT- SV-A System Design Parameters for

L6B (G.E8) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	628.5	1.	0.214	5.883	0.742	-5.295	0.266	0.271	-3.265

FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	196.	1.00	0.059	0.94	0.8	0.30	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING		EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L6B East Perim Zn (G.E8) 1	196.	0.	0.000	0.214	42.	0.00	0.00	4.76	0.00	-1.18	1.

REPORT- SV-A System Design Parameters for L6B (G.E9) APT1 PTHP WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	789.0	1.	0.134	11.750	0.742	-10.575	0.266	0.271	-8.298

FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	392.	1.00	0.118	0.94	1.0	0.37	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING		EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L6B East Perim Zn (G.E9) 1	392.	0.	0.000	0.385	53.	0.00	0.00	10.96	0.00	-5.72	1.

REPORT- SV-A System Design Parameters for L6B (G.S10) APT7 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR	MAX PEOPLE	OUTSIDE	COOLING	SENSIBLE (SHR)	HEATING	COOLING	HEATING	HEAT PUMP
		AREA		AIR	CAPACITY		CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	3981.5	5.	0.161	49.354	0.742	-44.419	0.266	0.271	-25.593

		DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
FAN	CAPACITY	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
TYPE	(CFM)	(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	1646.	1.00	0.494	0.94	1.2	0.48	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE NAME	SUPPLY	EXHAUST	FAN	MINIMUM	OUTSIDE	COOLING	EXTRACTION		HEATING	ADDITION	ZONE MULT
	FLOW (CFM)	FLOW (CFM)		FLOW (FRAC)	AIR FLOW (CFM)	CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	RATE (KBTU/HR)	CAPACITY (KBTU/HR)	RATE (KBTU/HR)	
L6B South Perim Zn (G.S10P	1646.	0.	0.000	0.198	266.	0.00	0.00	47.12	0.00	-12.35	1.

REPORT- SV-A System Design Parameters for

L6B (G.E19) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	659.0	1.	0.100	13.170	0.742	-11.853	0.266	0.271	-8.815

FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	439.	1.00	0.132	0.94	1.0	0.40	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING		EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L6B East Perim Zn (G.E19)T	439.	0.	0.000	0.401	44.	0.00	0.00	12.76	0.00	-6.69	1.

REPORT- SV-A System Design Parameters for L7A (G.E13) APT2 PTHP WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	956.8	1.	0.225	8.508	0.742	-7.657	0.266	0.271	-5.771
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	284.	1.00	0.085	0.94	0.9	0.34	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L7A East Perim Zn (G.E13)T	284.	0.	0.000	0.241	64.	0.00	0.00	7.31	0.00	-2.58

1.

REPORT- SV-A System Design Parameters for

L7A (G.W18) APT2 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	999.0	1.	0.164	12.155	0.742	-10.940	0.266	0.271	-7.086
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	405.	1.00	0.122	0.94	1.0	0.37	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L7A West Perim Zn (G.W18)T	405.	0.	0.000	0.246	67.	0.00	0.00	11.15	0.00	-3.77

1.

REPORT- SV-A System Design Parameters for

L7A (G.SW19) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	891.8	1.	0.122	14.608	0.742	-13.147	0.266	0.271	-8.062

FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	487.	1.00	0.146	0.94	1.0	0.40	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING		EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L7A SW Perim Zn (G.SW19) 1	487.	0.	0.000	0.278	60.	0.00	0.00	14.19	0.00	-5.13	1.

REPORT- SV-A System Design Parameters for L7A (G.SSE23) APT2 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR	MAX PEOPLE	OUTSIDE	COOLING	SENSIBLE (SHR)	HEATING	COOLING	HEATING	HEAT PUMP
		AREA		AIR	CAPACITY		CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	1282.5	2.	0.142	18.011	0.742	-16.210	0.266	0.271	-10.459

DESIGN DATA										MAX FAN	MIN FAN
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH				
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	601.	1.00	0.180	0.94	1.0	0.40	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION		HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L7A SSE Perim Zn (G.SSE23P	601.	0.	0.000	0.273	86.	0.00	0.00	17.54	0.00	-6.22	1.

REPORT- SV-A System Design Parameters for L7B (G.N4) APT4 PTHP WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	2668.0	3.	0.106	50.232	0.742	-45.209	0.266	0.271	-23.194

FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	1676.	1.00	0.502	0.94	1.2	0.48	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING		EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L7B North Perim Zn (G.N4)T	1676.	0.	0.000	0.227	178.	0.00	0.00	49.44	0.00	-14.40	1.

REPORT- SV-A System Design Parameters forL7B (G.W6) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	765.0	1.	0.102	15.062	0.742	-13.556	0.266	0.271	-9.205
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	502.	1.00	0.151	0.94	1.0	0.40	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L7B West Perim Zn (G.W6) 1	502.	0.	0.000	0.353	51.	0.00	0.00	14.09	0.00	-6.72

1.

REPORT- SV-A System Design Parameters for L7B (G.W7) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR	MAX PEOPLE	OUTSIDE	COOLING	SENSIBLE (SHR)	HEATING	COOLING	HEATING	HEAT PUMP
		AREA (SQFT)		AIR RATIO	CAPACITY (KBTU/HR)		CAPACITY (KBTU/HR)	EIR (BTU/BTU)	EIR (BTU/BTU)	SUPP-HEAT (KBTU/HR)
PVVT	1.001	654.5	1.	0.149	8.779	0.742	-7.901	0.266	0.271	-5.819

		DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
FAN	CAPACITY	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
TYPE	(CFM)	(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	293.	1.00	0.088	0.94	0.9	0.34	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION		HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L7B West Perim Zn (G.W7) 1	293.	0.	0.000	0.330	44.	0.00	0.00	7.62	0.00	-3.67	1.

REPORT- SV-A System Design Parameters for L7B (G.E8) APT1 PTHP WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	628.5	1.	0.159	7.912	0.742	-7.120	0.266	0.271	-5.388
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	264.	1.00	0.079	0.94	0.9	0.34	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L7B East Perim Zn (G.E8) 1	264.	0.	0.000	0.332	42.	0.00	0.00	6.85	0.00	-3.32

1.

REPORT- SV-A System Design Parameters for L7B (G.E9) APT1 PTHP WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	789.0	1.	0.098	16.114	0.742	-14.502	0.266	0.271	-10.144
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	538.	1.00	0.161	0.94	1.0	0.40	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L7B East Perim Zn (G.E9) 1	538.	0.	0.000	0.372	53.	0.00	0.00	15.68	0.00	-7.59

1.

REPORT- SV-A System Design Parameters for

L7B (G.SSW10) APT7 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	3981.5	5.	0.140	57.042	0.742	-51.337	0.266	0.271	-37.305

FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	1903.	1.00	0.570	0.94	1.2	0.48	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING		EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L7B SSW Perim Zn (G.SSW10P	1903.	0.	0.000	0.336	266.	0.00	0.00	57.58	0.00	-24.24	1.

REPORT- SV-A System Design Parameters for L8A (G.W8) APT2 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR	MAX PEOPLE	OUTSIDE	COOLING	SENSIBLE (SHR)	HEATING	COOLING	HEATING	HEAT PUMP
		AREA (SQFT)		AIR RATIO	CAPACITY (KBTU/HR)		CAPACITY (KBTU/HR)	EIR (BTU/BTU)	EIR (BTU/BTU)	SUPP-HEAT (KBTU/HR)
PVVT	1.001	891.0	1.	0.131	13.558	0.742	-12.202	0.266	0.271	-8.171

		DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
FAN	CAPACITY	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
TYPE	(CFM)	(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	452.	1.00	0.136	0.94	1.0	0.40	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY FLOW	EXHAUST FLOW	FAN	MINIMUM FLOW	OUTSIDE AIR FLOW	COOLING CAPACITY	EXTRACTION SENSIBLE	HEATING CAPACITY	ADDITION RATE	ZONE
NAME	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	MULT
L8A West Perim Zn (G.W8) 2	452.	0.	0.000	0.306	59.	0.00	0.00	13.07	0.00	-5.24 1.

REPORT- SV-A System Design Parameters for L8A (G.SW9) APT1 PTHP WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	688.5	1.	0.105	13.062	0.742	-11.756	0.266	0.271	-7.779

FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH			MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)	(FRAC)
SUPPLY	436.	1.00	0.131	0.94	1.0	0.40	0.62	DRAW-THRU	CONSTANT	1.00	0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING		EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L8A SW Perim Zn (G.SW9) A	436.	0.	0.000	0.335	46.	0.00	0.00	12.20	0.00	-5.54	1.

REPORT- SV-A System Design Parameters for L8A (G.NE12) APT1 PTHP WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	948.8	1.	0.102	18.653	0.742	-16.788	0.266	0.271	-9.789
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	622.	1.00	0.187	0.94	1.0	0.40	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L8A NE Perim Zn (G.NE12) 1	622.	0.	0.000	0.283	63.	0.00	0.00	18.37	0.00	-6.68

1.

REPORT- SV-A System Design Parameters for

L8A (G.S13) APT1 PTHP

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	540.0	1.	0.125	8.613	0.742	-7.752	0.266	0.271	-4.938
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	287.	1.00	0.086	0.94	0.9	0.34	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L8A South Perim Zn (G.S13P	287.	0.	0.000	0.290	36.	0.00	0.00	8.49	0.00	-3.16

1.

REPORT- SV-A System Design Parameters for L8A (G.SE14) APT1 PTHP WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PVVT	1.001	540.0	1.	0.122	8.884	0.742	-7.996	0.266	0.271	-6.356
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	296.	1.00	0.089	0.94	0.9	0.34	0.62	DRAW-THRU	CONSTANT	1.00

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L8A SE Perim Zn (G.SE14) 1	296.	0.	0.000	0.409	36.	0.00	0.00	8.86	0.00	-4.60

1.

REPORT- SV-A System Design Parameters for Freeze Protect				WEATHER FILE- SEATTLE BOEING FI WA						
SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
UHT	1.001	55590.5	0.	0.000	0.000	0.000	0.000	0.000	0.000	0.000

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW		FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE ZONE
	(CFM)	(CFM)		(KW)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR) MULT
L2B South Perim Zn (G.S27E	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 1.
L6A Core Zn (G.C1) ELV	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
P1A West Perim Zn (B.W7) H	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
L2A Core Zn (G.C16) TRSH	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
L3A Core Zn (G.C15) TRSH	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
L4A Core Zn (G.C15) TRSH	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
L5A Core Zn (G.C15) TRSH	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
L6A Core Zn (G.C15) TRSH	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
L7A Core Zn (G.C15) TRSH	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
L8A Core Zn (G.C5) TRSH	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
P2A NNW Perim Zn (B.NNW13K	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
P2B NW Perim Zn (B.NW6) X	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
P2B South Perim Zn (B.S10K	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
P2B NNE Perim Zn (B.NNE12K	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
P1B South Perim Zn (B.S6)G	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
P1B NNE Perim Zn (B.NNE9)G	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
L1A East Perim Zn (G.E18)H	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
L1A Core Zn (G.C20) TSHF	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
L2A East Perim Zn (G.E13)H	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
L2A Core Zn (G.C15) TSHF	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
L3A East Perim Zn (G.E12)H	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
L3A Core Zn (G.C14) TSHF	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
L4A East Perim Zn (G.E12)H	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
L4A Core Zn (G.C14) TSHF	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
L5A East Perim Zn (G.E12)H	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
L5A Core Zn (G.C14) TSHF	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
L6A East Perim Zn (G.E12)H	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
L6A Core Zn (G.C14) TSHF	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
L7A East Perim Zn (G.E12)H	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
L7A Core Zn (G.C14) TSHF	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
L8A East Perim Zn (G.E2) F	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
L8A Core Zn (G.C4) TSHF	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
P2A Core Zn (B.C1) STR	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
P2A Core Zn (B.C2) ELV	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)
P2B Core Zn (B.C4) MECH	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00 (BASEBOARDS)

[illegible]

REPORT- SV-A System Design Parameters for				Freeze Protect		WEATHER FILE- SEATTLE BOEING FI WA					
----- (CONTINUED) -----											
L1B Core Zn (G.C3) STR	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
									0.00	(BASEBOARDS)	
L2A Core Zn (G.C1) ELV	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
L2A NNW Perim Zn (G.NNW24T	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
L2B Core Zn (G.C2) STR	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
L3A Core Zn (G.C1) ELV	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
L3A Core Zn (G.C20) STR	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
L3B Core Zn (G.C2) STR	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
L4A Core Zn (G.C1) ELV	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
L4A Core Zn (G.C20) STR	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
L4B Core Zn (G.C2) STR	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
L5A Core Zn (G.C1) ELV	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
L5A Core Zn (G.C20) STR	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
L5B Core Zn (G.C2) STR	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
L6A Core Zn (G.C20) STR	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
L6B Core Zn (G.C2) STR	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
L7A Core Zn (G.C1) ELV	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
L7A Core Zn (G.C17) STR	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
L7B Core Zn (G.C2) STR	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
L8A Core Zn (G.C1) ELV	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
L8A Core Zn (G.C7) STR	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
P2B NNE Perim Zn (B.NNE11L	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
L1A Core Zn (G.C23) ELEC	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
L1A SW Perim Zn (G.SW26) C	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
L1B Core Zn (G.C12) ELEC	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
									0.00	(BASEBOARDS)	
L2A Core Zn (G.C17) ELEC	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
									0.00	(BASEBOARDS)	
L2B Core Zn (G.C11) ELEC	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
									0.00	(BASEBOARDS)	
L3A Core Zn (G.C16) ELEC	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
									0.00	(BASEBOARDS)	
L3B Core Zn (G.C11) ELEC	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
									0.00	(BASEBOARDS)	
L4A Core Zn (G.C16) ELEC	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
									0.00	(BASEBOARDS)	
L4B Core Zn (G.C11) ELEC	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
									0.00	(BASEBOARDS)	
L5A Core Zn (G.C16) ELEC	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
									0.00	(BASEBOARDS)	
L5B Core Zn (G.C11) ELEC	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
									0.00	(BASEBOARDS)	
L6A Core Zn (G.C16) ELEC	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
									0.00	(BASEBOARDS)	
L6B Core Zn (G.C11) ELEC	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
									0.00	(BASEBOARDS)	
L7A Core Zn (G.C16) ELEC	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
									0.00	(BASEBOARDS)	
L7B Core Zn (G.C11) ELEC	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
									0.00	(BASEBOARDS)	
L8A Core Zn (G.C6) ELEC	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
									0.00	(BASEBOARDS)	
P2A Core Zn (B.C7) STO	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
									0.00	(BASEBOARDS)	
P2B NE Perim Zn (B.NE9) S	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
									0.00	(BASEBOARDS)	
L1A Core Zn (G.C16) RR	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
									0.00	(BASEBOARDS)	
L1A WNW Perim Zn (G.WNW25T	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
									0.00	(BASEBOARDS)	
L2A West Perim Zn (G.W25)O	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
									0.00	(BASEBOARDS)	

REPORT- SV-A System Design Parameters for Sys 8 - VAV+PFP L1 WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PIU	1.001	2105.5	17.	0.605	11.096	0.742	0.000	0.000	0.000	0.000
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	286.	1.00	0.324	3.53	5.3	0.55	0.72	DRAW-THRU	SPEED	1.10

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L1B SSW Perim Zn (G.SSW13O	303.	0.	0.080	0.699	73.	0.00	0.00	2.33	-12.82	-11.41
L1B Core Zn (G.C14) OFF	170.	0.	0.052	0.212	22.	0.00	0.00	2.37	-8.27	-7.82
L1A SSW Perim Zn (G.SSW15I	675.	0.	0.209	1.000	78.	0.00	0.00	1.28	-33.33	-31.65

REPORT- SV-A System Design Parameters for

Sys 8 - VAV+PFP Corr (L1-L8)

WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PIU	1.001	20700.8	102.	0.693	81.831	0.742	0.000	0.000	0.000	0.000
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	2219.	0.98	2.507	3.53	6.0	0.62	0.72	DRAW-THRU	SPEED	1.10
										0.30

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING		EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE	ZONE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULT
L8A Core Zn (G.C10) COR	56.	0.	0.004	1.000	45.	0.00	0.00	1.40	-0.61	-0.00	1.
L1A Core Zn (G.C21) COR	5.	0.	0.001	1.000	3.	0.00	0.00	0.09	-0.12	-0.11	1.
P1B Core Zn (B.C12) COR	72.	0.	0.016	1.000	28.	0.00	0.00	0.56	-2.49	-2.60	1.
L1A Core Zn (G.C22) COR	36.	0.	0.007	1.000	15.	0.00	0.00	0.36	-1.16	-1.19	1.
L1B Core Zn (G.C4) COR	65.	0.	0.005	1.000	52.	0.00	0.00	1.27	-0.70	-0.25	1.
L2A Core Zn (G.C26) COR	77.	0.	0.005	1.000	61.	0.00	0.00	1.47	-0.83	0.00	1.
L2B Core Zn (G.C3) COR	86.	0.	0.006	1.000	69.	0.00	0.00	1.77	-0.93	0.00	1.
L3A Core Zn (G.C23) COR	51.	0.	0.004	1.000	41.	0.00	0.00	1.08	-0.55	0.00	1.
L3B North Perim Zn (G.N3)R	131.	0.	0.009	1.000	105.	0.00	0.00	3.02	-1.42	0.00	1.
L4A Core Zn (G.C23) COR	51.	0.	0.004	1.000	41.	0.00	0.00	1.08	-0.55	0.00	1.
L4B North Perim Zn (G.N3)R	131.	0.	0.009	1.000	105.	0.00	0.00	3.05	-1.42	0.00	1.
L5A Core Zn (G.C23) COR	51.	0.	0.004	1.000	41.	0.00	0.00	1.08	-0.55	0.00	1.
L5B North Perim Zn (G.N3)R	131.	0.	0.009	1.000	105.	0.00	0.00	3.07	-1.42	0.00	1.
L6A Core Zn (G.C23) COR	51.	0.	0.004	1.000	41.	0.00	0.00	1.11	-0.55	0.00	1.
L6B North Perim Zn (G.N3)R	131.	0.	0.009	1.000	105.	0.00	0.00	3.13	-1.42	0.00	1.
L7A Core Zn (G.C20) COR	54.	0.	0.005	0.691	37.	0.00	0.00	1.73	-0.73	-0.14	1.
L7B North Perim Zn (G.N3)R	232.	0.	0.020	0.453	105.	0.00	0.00	7.55	-3.13	-2.43	1.
P2A Core Zn (B.C3) COR	60.	0.	0.005	0.238	14.	0.00	0.00	0.78	-0.81	-0.81	1.
P1A Core Zn (B.C3) COR	22.	0.	0.003	1.000	14.	0.00	0.00	0.41	-0.45	-0.38	1.
L1A South Perim Zn (G.S170	819.	0.	0.197	1.000	257.	0.00	0.00	5.37	-31.34	-24.87	1.
L2B SSW Perim Zn (G.SSW120	719.	0.	0.106	0.351	252.	0.00	0.00	17.02	-16.80	-10.97	1.
L2A Core Zn (G.C21) MAIL	64.	0.	0.006	0.010	0.	0.00	0.00	1.33	-0.86	-0.81	1.
L2A Core Zn (G.C22) MAIL	14.	0.	0.002	0.010	0.	0.00	0.00	0.31	-0.38	-0.37	1.

REPORT- SV-A System Design Parameters for Sys 4 -PSZ-HP Amenities WEATHER FILE- SEATTLE BOEING FI WA

SYSTEM	ALTITUDE	FLOOR	MAX	OUTSIDE	COOLING	SENSIBLE	HEATING	COOLING	HEATING	HEAT PUMP
TYPE	FACTOR	AREA	PEOPLE	AIR	CAPACITY	(SHR)	CAPACITY	EIR	EIR	SUPP-HEAT
		(SQFT)		RATIO	(KBTU/HR)		(KBTU/HR)	(BTU/BTU)	(BTU/BTU)	(KBTU/HR)
PIU	1.001	1607.5	0.	0.067	44.350	0.742	-39.915	0.360	0.370	-19.958
FAN	CAPACITY	DIVERSITY	POWER	FAN	STATIC	TOTAL	MECH		MAX FAN	MIN FAN
TYPE	(CFM)	FACTOR	DEMAND	DELTA-T	PRESSURE	EFF	EFF	FAN	FAN	RATIO
		(FRAC)	(KW)	(F)	(IN-WATER)	(FRAC)	(FRAC)	PLACEMENT	CONTROL	(FRAC)
SUPPLY	1445.	1.00	1.171	2.53	4.2	0.60	0.72	DRAW-THRU	CONSTANT	1.10

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS

ZONE	SUPPLY	EXHAUST		MINIMUM	OUTSIDE	COOLING	EXTRACTION	HEATING	ADDITION	
NAME	FLOW	FLOW	FAN	FLOW	AIR FLOW	CAPACITY	SENSIBLE	RATE	CAPACITY	RATE
	(CFM)	(CFM)	(KW)	(FRAC)	(CFM)	(KBTU/HR)	(FRAC)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)
L7A NW Perim Zn (G.NW21)	1162.	0.	0.145	1.000	47.	0.00	0.00	16.55	-26.48	-11.01
L7A NE Perim Zn (G.NE22)	1105.	0.	0.142	1.000	50.	0.00	0.00	15.13	-25.71	-11.24