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	153.8	0.0	2156.0	400.8	162.8	0.0	41.6	79.9	0.0	0.0	0.0	0.0	2995.3
EM2- ELECTRICITY													
MBTU	425.9	45.1	116.6	44.9	1.1	0.0	433.2	410.6	59.5	0.0	522.9	35.8	2095.5
EM3- ELECTRICITY													
MBTU	33.7	0.0	188.3	151.6	9.6	0.0	1.6	40.0	0.0	0.0	52.2	0.0	477.1
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	613.4	45.1	2650.0	597.3	173.5	0.0	476.4	530.6	59.5	0.0	575.1	35.8	5756.2

TOTAL SITE ENERGY 5756.16 MBTU 33.6 KBTU/SQFT-YR GROSS-AREA 33.6 KBTU/SQFT-YR NET-AREA
TOTAL SOURCE ENERGY 16891.90 MBTU 98.5 KBTU/SQFT-YR GROSS-AREA 98.5 KBTU/SQFT-YR NET-AREA

PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF THROTTLING RANGE = 2.10
PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED = 0.08
HOURS ANY ZONE ABOVE COOLING THROTTLING RANGE = 161
HOURS ANY ZONE BELOW HEATING THROTTLING RANGE = 23

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

REPORT- BEPU Building Utility 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													
KWH	45074.	0.	631811.	117440.	47691.	0.	12185.	23421.	0.	0.	0.	0.	877617.
EM2- ELECTRICITY													
KWH	124779.	13200.	34166.	13144.	319.	0.	126934.	120308.	17441.	0.	153209.	10481.	613979.
EM3- ELECTRICITY													
KWH	9883.	0.	55183.	44433.	2817.	0.	460.	11723.	0.	0.	15291.	0.	139790.
FM1 NATURAL-GAS													
THERM	0.	0.	1883.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1883.

TOTAL ELECTRICITY 1631386. KWH 9.513 KWH /SQFT-YR GROSS-AREA 9.513 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 = 2.10
PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED = 0.08
HOURS ANY ZONE ABOVE COOLING THROTTLING RANGE = 161
HOURS ANY ZONE BELOW HEATING THROTTLING RANGE = 23

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

REPORT- ERV Energy Recovery Summary for: RTU-1 (Corridor DOAS) WEATHER FILE- SEATTLE BOEING FI WA

AIR FLOW			POWER CONSUMPTION			
OUTDOOR (CFM)	EXHAUST (CFM)	PURGE (CFM)	OA FAN (KW)	EXH FAN (KW)	HT EXCH (KW)	PREHEAT (KBTU/HR)
2800.	2000.	0.	0.000	0.000	0.000	0.

		SENSIBLE		TOTAL		EXCESS SENSIBLE		POWER	PREHEAT		HOURS	
		HEATING	COOLING	HEATING	COOLING	HEATING	COOLING	FANS&HX	HEATING	ELECTRIC		
	SUM	(MBTU)	(MBTU)	(MBTU)	(MBTU)	(MBTU)	(MBTU)	(KWH)	(MBTU)	(KWH)	HEAT	COOL
MON	PEAK	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	(KW)	(KBTU/HR)	(KW)		
JAN	SUM	-41.125	0.000	-41.129	0.000	-0.783	0.000	0.000	0.000	0.000	744	0
	PEAK	-96.027	0.000	-96.338	0.000	-49.879	0.000	0.000	0.000	0.000		
	DAY/HR	4/24	0/ 0	4/24	0/ 0	30/ 2	0/ 0	0/ 0	0/ 0	0/ 0		
FEB	SUM	-35.083	0.000	-35.100	0.000	-1.655	0.000	0.000	0.000	0.000	672	0
	PEAK	-80.891	0.000	-82.756	0.000	-56.521	0.000	0.000	0.000	0.000		
	DAY/HR	27/ 7	0/ 0	27/ 7	0/ 0	23/ 6	0/ 0	0/ 0	0/ 0	0/ 0		
MAR	SUM	-33.750	0.030	-33.716	0.022	-12.983	0.030	0.000	0.000	0.000	739	5
	PEAK	-74.439	9.937	-78.578	7.870	-64.658	9.937	0.000	0.000	0.000		
	DAY/HR	2/ 5	29/15	2/ 5	29/16	31/ 5	29/15	0/ 0	0/ 0	0/ 0		
APR	SUM	-30.309	0.000	-30.270	0.000	-27.106	0.000	0.000	0.000	0.000	720	0
	PEAK	-71.464	0.000	-73.122	0.000	-69.360	0.000	0.000	0.000	0.000		
	DAY/HR	24/ 5	0/ 0	24/ 5	0/ 0	23/ 1	0/ 0	0/ 0	0/ 0	0/ 0		
MAY	SUM	-27.947	0.000	-27.938	0.000	-27.947	0.000	0.000	0.000	0.000	744	0
	PEAK	-61.401	0.000	-73.278	0.000	-61.401	0.000	0.000	0.000	0.000		
	DAY/HR	6/ 6	0/ 0	9/17	0/ 0	6/ 6	0/ 0	0/ 0	0/ 0	0/ 0		
JUN	SUM	-23.044	0.000	-23.014	0.000	-22.341	0.000	0.000	0.000	0.000	720	0
	PEAK	-49.778	0.000	-52.703	0.000	-49.778	0.000	0.000	0.000	0.000		
	DAY/HR	12/ 2	0/ 0	12/ 3	0/ 0	12/ 2	0/ 0	0/ 0	0/ 0	0/ 0		
JUL	SUM	-18.019	0.401	-18.059	0.383	-12.119	0.000	0.000	0.000	0.000	683	61
	PEAK	-49.720	21.202	-51.171	20.903	-49.720	0.000	0.000	0.000	0.000		
	DAY/HR	31/ 6	23/17	1/ 7	23/17	31/ 6	0/ 0	0/ 0	0/ 0	0/ 0		
AUG	SUM	-18.441	0.227	-18.296	0.146	-11.411	0.000	0.000	0.000	0.000	710	34
	PEAK	-46.616	20.691	-51.831	16.913	-46.616	0.000	0.000	0.000	0.000		
	DAY/HR	1/ 5	10/18	22/24	10/16	1/ 5	0/ 0	0/ 0	0/ 0	0/ 0		
SEP	SUM	-23.214	0.076	-23.214	0.039	-21.970	0.005	0.000	0.000	0.000	700	20
	PEAK	-60.704	7.941	-71.117	10.251	-60.704	3.241	0.000	0.000	0.000		
	DAY/HR	28/ 7	19/16	19/ 4	19/12	28/ 7	8/16	0/ 0	0/ 0	0/ 0		
OCT	SUM	-30.458	0.019	-30.486	0.000	-30.458	0.019	0.000	0.000	0.000	740	4
	PEAK	-67.697	7.942	-74.527	0.000	-67.697	7.943	0.000	0.000	0.000		
	DAY/HR	22/ 7	6/15	30/ 4	0/ 0	22/ 7	6/15	0/ 0	0/ 0	0/ 0		
NOV	SUM	-33.456	0.000	-33.468	0.000	-17.098	0.000	0.000	0.000	0.000	720	0
	PEAK	-67.684	0.000	-70.599	0.000	-63.696	0.000	0.000	0.000	0.000		
	DAY/HR	5/ 2	0/ 0	27/ 5	0/ 0	1/ 6	0/ 0	0/ 0	0/ 0	0/ 0		

REPORT- ERV Energy Recovery Summary for: RTU-1 (Corridor DOAS) WEATHER FILE- SEATTLE BOEING FI WA
(CONTINUED)

DEC	SUM	-39.620	0.000	-39.650	0.000	-2.131	0.000	0.000	0.000	0.000	744	0
	PEAK	-77.653	0.000	-84.295	0.000	-52.368	0.000	0.000	0.000	0.000		
	DAY/HR	24/22	0/ 0	24/22	0/ 0	16/23	0/ 0	0/ 0	0/ 0	0/ 0		
YR	SUM	-354.466	0.753	-354.339	0.590	-188.001	0.054	0.000	0.000	0.000	8636	124
	PEAK	-96.027	21.202	-96.338	20.903	-69.360	9.937	0.000	0.000	0.000		
	MON/DAY	1/ 4	7/23	1/ 4	7/23	4/23	3/29	0/ 0	0/ 0	0/ 0		

	--- EXHAUST OUTLET ---		--- MAKE-UP OUTLET ---		CONDENSATE
	WET	FROSTED	WET	FROSTED	CONTROL
ANNUAL HOURS:	0	0	0	0	0

REPORT- ERV Energy Recovery Summary for: OFFICE DOAS ERV WEATHER FILE- SEATTLE BOEING FI WA

AIR FLOW			POWER CONSUMPTION			
OUTDOOR (CFM)	EXHAUST (CFM)	PURGE (CFM)	OA FAN (KW)	EXH FAN (KW)	HT EXCH (KW)	PREHEAT (KBTU/HR)
845.	845.	0.	0.000	0.000	0.000	0.

		SENSIBLE		TOTAL		EXCESS SENSIBLE		POWER	PREHEAT		HOURS	
		HEATING	COOLING	HEATING	COOLING	HEATING	COOLING	FANS&HX	HEATING	ELECTRIC		
	SUM	(MBTU)	(MBTU)	(MBTU)	(MBTU)	(MBTU)	(MBTU)	(KWH)	(MBTU)	(KWH)	HEAT	COOL
MON	PEAK	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	(KW)	(KBTU/HR)	(KW)		
JAN	SUM	-4.637	0.000	-6.512	0.000	-2.218	0.000	0.000	0.000	0.000	384	0
	PEAK	-22.640	0.000	-27.143	0.000	-8.130	0.000	0.000	0.000	0.000		
	DAY/HR	5/ 8	0/ 0	3/16	0/ 0	15/14	0/ 0	0/ 0	0/ 0	0/ 0		
FEB	SUM	-3.931	0.000	-5.619	0.000	-2.261	0.000	0.000	0.000	0.000	352	0
	PEAK	-18.741	0.000	-23.768	0.000	-8.591	0.000	0.000	0.000	0.000		
	DAY/HR	27/ 7	0/ 0	4/ 7	0/ 0	22/20	0/ 0	0/ 0	0/ 0	0/ 0		
MAR	SUM	-3.589	0.016	-5.433	0.000	-2.677	0.000	0.000	0.000	0.000	388	8
	PEAK	-15.976	3.634	-20.320	0.000	-8.655	0.000	0.000	0.000	0.000		
	DAY/HR	2/ 7	29/15	2/ 7	0/ 0	30/14	0/ 0	0/ 0	0/ 0	0/ 0		
APR	SUM	-3.155	0.000	-4.891	0.000	-2.686	0.000	0.000	0.000	0.000	400	0
	PEAK	-15.420	0.000	-19.515	0.000	-8.698	0.000	0.000	0.000	0.000		
	DAY/HR	24/ 7	0/ 0	29/ 7	0/ 0	25/16	0/ 0	0/ 0	0/ 0	0/ 0		
MAY	SUM	-2.488	0.005	-3.947	0.000	-2.325	0.000	0.000	0.000	0.000	389	11
	PEAK	-12.742	1.204	-23.285	0.000	-8.739	0.000	0.000	0.000	0.000		
	DAY/HR	6/ 7	15/19	9/17	0/ 0	8/16	0/ 0	0/ 0	0/ 0	0/ 0		
JUN	SUM	-1.772	0.010	-2.816	0.002	-1.769	0.000	0.000	0.000	0.000	361	19
	PEAK	-9.827	1.671	-13.313	0.948	-8.718	0.000	0.000	0.000	0.000		
	DAY/HR	12/ 7	20/17	12/ 7	29/18	6/10	0/ 0	0/ 0	0/ 0	0/ 0		
JUL	SUM	-1.007	0.250	-1.618	0.225	-1.007	0.000	0.000	0.000	0.000	297	103
	PEAK	-8.252	7.139	-13.663	9.166	-8.252	0.000	0.000	0.000	0.000		
	DAY/HR	5/ 8	23/17	1/ 7	23/20	5/ 8	0/ 0	0/ 0	0/ 0	0/ 0		
AUG	SUM	-1.161	0.129	-1.487	0.103	-1.161	0.000	0.000	0.000	0.000	350	62
	PEAK	-8.295	7.160	-10.797	5.275	-8.295	0.000	0.000	0.000	0.000		
	DAY/HR	14/ 7	10/18	26/ 7	10/16	14/ 7	0/ 0	0/ 0	0/ 0	0/ 0		
SEP	SUM	-1.667	0.060	-2.631	0.014	-1.624	0.000	0.000	0.000	0.000	333	35
	PEAK	-12.878	3.838	-17.036	4.862	-9.375	0.000	0.000	0.000	0.000		
	DAY/HR	28/ 8	19/16	28/ 7	19/12	23/11	0/ 0	0/ 0	0/ 0	0/ 0		
OCT	SUM	-3.113	0.006	-4.776	0.000	-2.793	0.000	0.000	0.000	0.000	395	5
	PEAK	-14.986	2.292	-20.352	0.000	-8.810	0.000	0.000	0.000	0.000		
	DAY/HR	22/ 7	7/17	22/ 7	0/ 0	7/ 9	0/ 0	0/ 0	0/ 0	0/ 0		
NOV	SUM	-3.585	0.000	-5.356	0.000	-2.517	0.000	0.000	0.000	0.000	364	0
	PEAK	-15.091	0.000	-21.216	0.000	-8.670	0.000	0.000	0.000	0.000		
	DAY/HR	5/ 7	0/ 0	18/ 7	0/ 0	14/16	0/ 0	0/ 0	0/ 0	0/ 0		

REPORT- ERV Energy Recovery Summary for: OFFICE DOAS ERV WEATHER FILE- SEATTLE BOEING FI WA
(CONTINUED)

DEC	SUM	-4.443	0.000	-6.353	0.000	-2.291	0.000	0.000	0.000	0.000	384	0
	PEAK	-17.852	0.000	-22.746	0.000	-7.971	0.000	0.000	0.000	0.000		
	DAY/HR	24/22	0/ 0	26/19	0/ 0	16/15	0/ 0	0/ 0	0/ 0	0/ 0		
YR	SUM	-34.547	0.474	-51.440	0.345	-25.329	0.000	0.000	0.000	0.000	4397	243
	PEAK	-22.640	7.160	-27.143	9.166	-9.375	0.000	0.000	0.000	0.000		
	MON/DAY	1/ 5	8/10	1/ 3	7/23	9/23	0/ 0	0/ 0	0/ 0	0/ 0		

	--- EXHAUST OUTLET ---		--- MAKE-UP OUTLET ---		CONDENSATE
	WET	FROSTED	WET	FROSTED	CONTROL
ANNUAL HOURS:	0	0	0	0	0

REPORT- ERV Energy Recovery Summary for: Amenity ERV WEATHER FILE- SEATTLE BOEING FI WA

AIR FLOW			POWER CONSUMPTION			
OUTDOOR (CFM)	EXHAUST (CFM)	PURGE (CFM)	OA FAN (KW)	EXH FAN (KW)	HT EXCH (KW)	PREHEAT (KBTU/HR)
97.	97.	0.	0.000	0.000	0.000	0.

		SENSIBLE		TOTAL		EXCESS SENSIBLE		POWER	PREHEAT		HOURS	
		HEATING	COOLING	HEATING	COOLING	HEATING	COOLING	FANS&HX	HEATING	ELECTRIC		
	SUM	(MBTU)	(MBTU)	(MBTU)	(MBTU)	(MBTU)	(MBTU)	(KWH)	(MBTU)	(KWH)	HEAT	COOL
MON	PEAK	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	(KW)	(KBTU/HR)	(KW)		
JAN	SUM	-1.639	0.000	-1.642	0.000	-1.639	0.000	0.000	0.000	0.000	744	0
	PEAK	-3.882	0.000	-4.089	0.000	-3.882	0.000	0.000	0.000	0.000		
	DAY/HR	5/ 9	0/ 0	3/19	0/ 0	5/ 9	0/ 0	0/ 0	0/ 0	0/ 0		
FEB	SUM	-1.500	0.000	-1.496	0.000	-1.500	0.000	0.000	0.000	0.000	672	0
	PEAK	-3.431	0.000	-3.529	0.000	-3.431	0.000	0.000	0.000	0.000		
	DAY/HR	27/ 7	0/ 0	27/ 7	0/ 0	27/ 7	0/ 0	0/ 0	0/ 0	0/ 0		
MAR	SUM	-1.442	0.000	-1.438	0.000	-1.442	0.000	0.000	0.000	0.000	743	1
	PEAK	-3.036	0.320	-3.287	0.097	-3.036	0.000	0.000	0.000	0.000		
	DAY/HR	2/ 5	29/16	2/ 5	29/16	2/ 5	0/ 0	0/ 0	0/ 0	0/ 0		
APR	SUM	-1.341	0.000	-1.334	0.000	-1.341	0.000	0.000	0.000	0.000	720	0
	PEAK	-2.903	0.000	-3.090	0.000	-2.903	0.000	0.000	0.000	0.000		
	DAY/HR	23/ 1	0/ 0	23/ 1	0/ 0	23/ 1	0/ 0	0/ 0	0/ 0	0/ 0		
MAY	SUM	-1.229	0.000	-1.190	0.001	-1.229	0.000	0.000	0.000	0.000	744	0
	PEAK	-2.641	0.000	-3.270	0.199	-2.641	0.000	0.000	0.000	0.000		
	DAY/HR	25/ 6	0/ 0	9/17	15/17	25/ 6	0/ 0	0/ 0	0/ 0	0/ 0		
JUN	SUM	-0.965	0.000	-0.895	0.013	-0.965	0.000	0.000	0.000	0.000	716	4
	PEAK	-2.147	0.111	-2.166	1.259	-2.147	0.000	0.000	0.000	0.000		
	DAY/HR	6/10	20/17	14/ 4	30/15	6/10	0/ 0	0/ 0	0/ 0	0/ 0		
JUL	SUM	-0.779	0.030	-0.661	0.088	-0.779	0.000	0.000	0.000	0.000	666	78
	PEAK	-2.131	1.139	-2.224	1.786	-2.131	0.000	0.000	0.000	0.000		
	DAY/HR	31/ 6	23/17	31/ 6	23/17	31/ 6	0/ 0	0/ 0	0/ 0	0/ 0		
AUG	SUM	-0.774	0.019	-0.589	0.073	-0.774	0.000	0.000	0.000	0.000	703	41
	PEAK	-2.115	1.263	-2.220	1.597	-2.115	0.000	0.000	0.000	0.000		
	DAY/HR	1/ 7	10/18	15/ 8	10/15	1/ 7	0/ 0	0/ 0	0/ 0	0/ 0		
SEP	SUM	-0.964	0.008	-0.913	0.020	-0.964	0.000	0.000	0.000	0.000	690	30
	PEAK	-2.598	0.605	-3.229	1.203	-2.598	0.000	0.000	0.000	0.000		
	DAY/HR	28/ 7	22/14	19/ 4	19/12	28/ 7	0/ 0	0/ 0	0/ 0	0/ 0		
OCT	SUM	-1.222	0.001	-1.213	0.001	-1.222	0.000	0.000	0.000	0.000	738	6
	PEAK	-2.663	0.439	-3.101	0.385	-2.663	0.000	0.000	0.000	0.000		
	DAY/HR	24/ 6	6/15	30/ 4	8/16	24/ 6	0/ 0	0/ 0	0/ 0	0/ 0		
NOV	SUM	-1.300	0.000	-1.301	0.000	-1.300	0.000	0.000	0.000	0.000	720	0
	PEAK	-2.689	0.000	-2.732	0.000	-2.689	0.000	0.000	0.000	0.000		
	DAY/HR	5/ 2	0/ 0	1/ 6	0/ 0	5/ 2	0/ 0	0/ 0	0/ 0	0/ 0		

REPORT- ERV Energy Recovery Summary for: Amenity ERV WEATHER FILE- SEATTLE BOEING FI WA
(CONTINUED)

DEC	SUM	-1.562	0.000	-1.569	0.000	-1.562	0.000	0.000	0.000	0.000	744	0
	PEAK	-3.307	0.000	-3.475	0.000	-3.307	0.000	0.000	0.000	0.000		
	DAY/HR	26/19	0/ 0	26/19	0/ 0	26/19	0/ 0	0/ 0	0/ 0	0/ 0		
YR	SUM	-14.717	0.059	-14.241	0.195	-14.717	0.000	0.000	0.000	0.000	8600	160
	PEAK	-3.882	1.263	-4.089	1.786	-3.882	0.000	0.000	0.000	0.000		
	MON/DAY	1/ 5	8/10	1/ 3	7/23	1/ 5	0/ 0	0/ 0	0/ 0	0/ 0		

	--- EXHAUST OUTLET ---		--- MAKE-UP OUTLET ---		CONDENSATE
	WET	FROSTED	WET	FROSTED	CONTROL
ANNUAL HOURS:	0	0	0	0	0

*** BUILDING ***

FLOOR AREA 171490 SQFT 15931 M2
VOLUME 1767951 CUFT 50068 M3

	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 (KBTU/H)	SENSIBLE (KW)	LATENT (KBTU/H)	LATENT (KW)	SENSIBLE (KBTU/H)	SENSIBLE (KW)
WALL CONDUCTION	85.935	25.179	0.000	0.000	-186.816	-54.737
ROOF CONDUCTION	18.397	5.390	0.000	0.000	-19.088	-5.593
WINDOW GLASS+FRM COND	43.929	12.871	0.000	0.000	-227.923	-66.781
WINDOW GLASS SOLAR	354.333	103.820	0.000	0.000	5.075	1.487
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	-8.488	-2.487	0.000	0.000	-41.972	-12.298
OCCUPANTS TO SPACE	55.968	16.399	44.125	12.929	0.213	0.062
LIGHT TO SPACE	91.096	26.691	0.000	0.000	30.973	9.075
EQUIPMENT TO SPACE	616.804	180.724	32.232	9.444	5.036	1.476
PROCESS TO SPACE	12.069	3.536	8.781	2.573	0.000	0.000
INFILTRATION	8.383	2.456	0.083	0.024	-40.539	-11.878
TOTAL	1278.427	374.579	85.221	24.970	-475.041	-139.187
TOTAL / AREA	0.007	0.024	0.000	0.002	-0.003	-0.009
TOTAL LOAD	1363.648 KBTU/H	399.549 KW			-475.041 KBTU/H	-139.187 KW
TOTAL LOAD / AREA	7.95 BTU/H.SQFT	25.078 W/M2			2.770 BTU/H.SQFT	8.736 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

	COOLING LOAD		HEATING LOAD	
TIME	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 (KBTU/H)	SENSIBLE (KW)	LATENT (KBTU/H)	LATENT (KW)	SENSIBLE (KBTU/H)	SENSIBLE (KW)
WALL CONDUCTION	104.225	30.538	0.000	0.000	-184.477	-54.052
ROOF CONDUCTION	18.176	5.325	0.000	0.000	-23.582	-6.909
WINDOW GLASS+FRM COND	59.719	17.498	0.000	0.000	-223.195	-65.396
WINDOW GLASS SOLAR	335.465	98.291	0.000	0.000	23.595	6.913
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	-4.571	-1.339	0.000	0.000	-49.265	-14.435
OCCUPANTS TO SPACE	36.966	10.831	36.415	10.670	36.803	10.783
LIGHT TO SPACE	72.027	21.104	0.000	0.000	34.916	10.231
EQUIPMENT TO SPACE	437.400	128.158	22.492	6.590	92.510	27.105
PROCESS TO SPACE	7.067	2.071	4.829	1.415	3.323	0.974
INFILTRATION	11.897	3.486	3.375	0.989	-44.197	-12.950
TOTAL	1078.371	315.963	67.111	19.664	-333.569	-97.736
TOTAL / AREA	0.006	0.020	0.000	0.001	-0.002	-0.006
TOTAL LOAD	1145.482 KBTU/H	335.626 KW			-333.569 KBTU/H	-97.736 KW
TOTAL LOAD / AREA	6.68 BTU/H.SQFT	21.066 W/M2			1.945 BTU/H.SQFT	6.135 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

NUMBER OF SPACES 216 EXTERIOR 160 INTERIOR 56

SPACE	SPACE*FLOOR MULTIPLIER	SPACE TYPE	AZIM	LIGHTS (WATT / SQFT)	PEOPLE	EQUIP (WATT / SQFT)	INFILTRATION METHOD	ACH	AREA (SQFT)	VOLUME (CUFT)
Spaces on floor: P2 Below-Grade Flr										
P2A Core Spc (B.C1) STR	1.0	INT	0.0	0.34	0.0	0.20	NO-INFILT.	0.00	170.0	1749.3
P2A Core Spc (B.C2) ELV	1.0	INT	0.0	0.60	0.0	0.00	NO-INFILT.	0.00	161.5	1661.8
P2A Core Spc (B.C3) COR	1.0	INT	0.0	0.39	0.0	0.20	NO-INFILT.	0.00	237.5	2443.9
P2B Core Spc (B.C4) MECH	1.0	INT	0.0	0.46	0.0	0.00	NO-INFILT.	0.00	900.0	9261.0
P2B Core Spc (B.C5) STR	1.0	INT	0.0	0.34	0.0	0.20	NO-INFILT.	0.00	241.5	2485.0
P2B NW Perim Spc (B.NW6) XFMR	1.0	INT	90.0	0.51	0.0	0.00	NO-INFILT.	0.00	957.0	9847.5
P2A Core Spc (B.C7) STO	1.0	INT	0.0	0.30	0.0	0.20	NO-INFILT.	0.00	221.0	2274.1
P2B SE Perim Spc (B.SE8) MECH	1.0	INT	-90.0	0.46	0.0	0.00	NO-INFILT.	0.00	378.0	3889.6
P2B NE Perim Spc (B.NE9) STO	1.0	INT	180.0	0.30	0.0	0.20	NO-INFILT.	0.00	414.0	4260.1
P2B South Perim Spc (B.S10) PKG	1.0	INT	0.0	0.09	0.0	0.00	AIR-CHANGE	4.37	12495.5	128578.7
P2B NNE Perim Spc (B.NNE11) ELEC	1.0	INT	-90.0	0.46	0.0	0.00	NO-INFILT.	0.00	1885.0	19396.7
P2B NNE Perim Spc (B.NNE12) PKG	1.0	INT	90.0	0.09	0.0	0.00	AIR-CHANGE	4.37	6201.0	63808.3
P2A NNW Perim Spc (B.NNW13) PKG	1.0	INT	180.0	0.09	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	0.34	0.0	0.20	NO-INFILT.	0.00	170.0	1700.0
P1A Core Spc (B.C2) ELV	1.0	EXT	0.0	0.60	0.0	0.00	NO-INFILT.	0.00	161.5	1615.0
P1A Core Spc (B.C3) COR	1.0	EXT	0.0	0.39	0.0	0.20	NO-INFILT.	0.00	237.5	2375.0
P1B Core Spc (B.C4) STR	1.0	EXT	0.0	0.34	0.0	0.20	NO-INFILT.	0.00	241.5	2415.0
P1B SE Perim Spc (B.SE5) MECH	1.0	EXT	-90.0	0.46	0.0	0.00	NO-INFILT.	0.00	238.0	2380.0
P1B South Perim Spc (B.S6) PKG	1.0	EXT	0.0	0.09	0.0	0.00	AIR-CHANGE	4.50	12847.5	128475.0
P1A West Perim Spc (B.W7) TRSH	1.0	EXT	0.0	0.30	0.0	0.00	NO-INFILT.	0.00	2435.0	24350.0
P1A NNW Perim Spc (B.NNW8) MECH	1.0	EXT	90.0	0.46	0.0	0.00	NO-INFILT.	0.00	1150.0	11500.0
P1B NNE Perim Spc (B.NNE9) PKG	1.0	EXT	-90.0	0.09	0.0	0.00	AIR-CHANGE	4.50	3916.0	39160.0
P1B ENE Perim Spc (B.ENE10) MECH	1.0	EXT	180.0	0.46	0.0	0.00	NO-INFILT.	0.00	271.5	2715.0
P1B North Perim Spc (B.N11) APT1	1.0	EXT	180.0	0.41	0.6	1.38	AIR-CHANGE	0.07	464.0	4640.0
P1B Core Spc (B.C12) COR	1.0	EXT	0.0	0.39	0.0	0.20	NO-INFILT.	0.00	460.0	4600.0
P1B North Perim Spc (B.N13) APT4	1.0	EXT	180.0	0.41	3.1	1.38	AIR-CHANGE	0.07	2465.0	24650.0
P1B NE Perim Spc (B.NE14) APT1	1.0	EXT	-90.0	0.41	0.9	1.38	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	0.34	0.0	0.20	NO-INFILT.	0.00	556.8	5406.0
L1A Core Spc (G.C2) ELV	1.0	EXT	0.0	0.60	0.0	0.00	NO-INFILT.	0.00	161.5	1568.2
L1B Core Spc (G.C3) STR	1.0	EXT	-90.0	0.34	0.0	0.20	NO-INFILT.	0.00	500.0	4855.0
L1B Core Spc (G.C4) COR	1.0	EXT	180.0	0.39	0.0	0.20	NO-INFILT.	0.00	869.0	8438.0
L1B North Perim Spc (G.N5) APT4	1.0	EXT	180.0	0.41	3.3	1.38	AIR-CHANGE	0.08	2580.0	25051.8
L1B East Perim Spc (G.E6) APT1	1.0	EXT	0.0	0.41	0.8	1.38	AIR-CHANGE	0.16	668.0	6486.3
L1B West Perim Spc (G.W7) APT1	1.0	EXT	0.0	0.41	1.0	1.38	AIR-CHANGE	0.15	765.0	7428.1
L1B West Perim Spc (G.W8) APT1	1.0	EXT	90.0	0.41	0.8	1.38	AIR-CHANGE	0.10	654.5	6355.2
L1B East Perim Spc (G.E9) APT1	1.0	EXT	-90.0	0.41	0.9	1.38	AIR-CHANGE	0.10	713.5	6928.1
L1B East Perim Spc (G.E10) APT1	1.0	EXT	-90.0	0.41	0.7	1.38	AIR-CHANGE	0.21	519.0	5039.5
L1B South Perim Spc (G.S11) APT5	1.0	EXT	0.0	0.41	2.5	1.38	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	0.46	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	0.54	2.6	1.50	NO-INFILT.	0.00	367.5	3568.4
L1A SSW Perim Spc (G.SSW15) FIT	1.0	EXT	0.0	0.39	0.0	0.50	NO-INFILT.	0.00	1300.5	12627.9
L1A Core Spc (G.C16) RR	1.0	EXT	0.0	0.52	0.0	0.00	NO-INFILT.	0.00	218.5	2121.6
L1A South Perim Spc (G.S17) LOB	1.0	EXT	0.0	0.49	51.4	0.50	AIR-CHANGE	0.10	1541.0	14963.1
L1A East Perim Spc (G.E18) GSHF	1.0	EXT	-90.0	0.60	0.0	0.00	AIR-CHANGE	6.18	38.2	371.4
L1A East Perim Spc (G.E19) APT2	1.0	EXT	-90.0	0.41	1.3	1.38	AIR-CHANGE	0.08	1033.8	10037.7
L1A Core Spc (G.C20) TSHF	1.0	EXT	0.0	0.60	0.0	0.00	AIR-CHANGE	6.18	27.0	262.2
L1A Core Spc (G.C21) COR	1.0	EXT	0.0	0.39	0.0	0.20	NO-INFILT.	0.00	54.0	524.3
L1A Core Spc (G.C22) COR	1.0	EXT	0.0	0.39	0.0	0.20	NO-INFILT.	0.00	244.0	2369.2
L1A Core Spc (G.C23) ELEC	1.0	EXT	0.0	0.46	0.0	0.00	NO-INFILT.	0.00	65.0	631.2
L1A NNE Perim Spc (G.NNE24) APT1	1.0	EXT	180.0	0.41	1.0	1.38	AIR-CHANGE	0.14	749.2	7275.2
L1A WNW Perim Spc (G.WNW25) STO	1.0	EXT	90.0	0.30	0.0	0.20	AIR-CHANGE	0.11	1431.2	13897.4
L1A SW Perim Spc (G.SW26) ELEC	1.0	EXT	0.0	0.46	0.0	0.00	AIR-CHANGE	0.25	42.0	407.8
L1A WNW Perim Spc (G.WNW27) APT1	1.0	EXT	90.0	0.41	0.6	1.38	AIR-CHANGE	0.20	493.5	4791.9
L1A North Perim Spc (G.N28) APT3	1.0	EXT	0.0	0.41	1.7	1.38	AIR-CHANGE	0.12	1326.0	12875.5
L1B East Perim Spc (G.E29) APT1	1.0	EXT	-90.0	0.41	0.5	1.38	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	0.60	0.0	0.00	NO-INFILT.	0.00	161.5	2180.2
L2B Core Spc (G.C2) STR	1.0	INT	0.0	0.34	0.0	0.20	NO-INFILT.	0.00	241.5	3260.2
L2B Core Spc (G.C3) COR	1.0	EXT	180.0	0.39	0.0	0.20	NO-INFILT.	0.00	1143.2	15433.9
L2B North Perim Spc (G.N4) APT4	1.0	EXT	180.0	0.41	3.7	1.38	AIR-CHANGE	0.08	2928.0	39528.0
L2B East Perim Spc (G.E5) APT1	1.0	EXT	0.0	0.41	1.3	1.38	AIR-CHANGE	0.12	984.0	13284.0
L2B West Perim Spc (G.W6) APT1	1.0	EXT	0.0	0.41	1.0	1.38	AIR-CHANGE	0.13	765.0	10327.5
L2B West Perim Spc (G.W7) APT1	1.0	EXT	90.0	0.41	0.8	1.38	AIR-CHANGE	0.08	654.5	8835.8
L2B East Perim Spc (G.E8) APT1	1.0	EXT	-90.0	0.41	0.8	1.38	AIR-CHANGE	0.09	628.5	8484.8
L2B East Perim Spc (G.E9) APT1	1.0	EXT	-90.0	0.41	0.7	1.38	AIR-CHANGE	0.17	558.0	7533.0
L2B South Perim Spc (G.S10) APT6	1.0	EXT	90.0	0.41	3.5	1.38	AIR-CHANGE	0.08	2721.0	36733.5
L2B Core Spc (G.C11) ELEC	1.0	INT	0.0	0.46	0.0	0.00	NO-INFILT.	0.00	57.8	779.6
L2B SSW Perim Spc (G.SSW12) LOB	1.0	EXT	90.0	0.49	50.5	0.50	AIR-CHANGE	0.10	1513.5	20432.2
L2A East Perim Spc (G.E13) GSHF	1.0	EXT	-90.0	0.60	0.0	0.00	AIR-CHANGE	4.44	38.2	516.4
L2A East Perim Spc (G.E14) APT3	1.0	EXT	180.0	0.41	2.5	1.38	AIR-CHANGE	0.07	1947.8	26294.6
L2A Core Spc (G.C15) TSHF	1.0	INT	0.0	0.60	0.0	0.00	AIR-CHANGE	4.44	27.0	364.5
L2A Core Spc (G.C16) TRSH	1.0	INT	0.0	0.30	0.0	0.00	NO-INFILT.	0.00	54.0	729.0
L2A Core Spc (G.C17) ELEC	1.0	INT	0.0	0.46	0.0	0.00	NO-INFILT.	0.00	65.0	877.5
L2A WNW Perim Spc (G.WNW18) APT1	1.0	EXT	0.0	0.41	1.6	1.38	AIR-CHANGE	0.12	1270.5	17151.8
L2A North Perim Spc (G.N19) APT2	1.0	EXT	180.0	0.41	1.3	1.38	AIR-CHANGE	0.09	1039.0	14026.5
L2A SW Perim Spc (G.SW20) RST	1.0	EXT	0.0	0.85	76.2	5.62	AIR-CHANGE	0.10	2287.5	30881.2
L2A Core Spc (G.C21) MAIL	1.0	INT	0.0	0.49	0.0	0.00	NO-INFILT.	0.00	368.5	4974.8
L2A Core Spc (G.C22) MAIL	1.0	INT	0.0	0.49	0.0	0.00	NO-INFILT.	0.00	172.5	2328.8
L2B East Perim Spc (G.E23) APT1	1.0	EXT	0.0	0.41	0.9	1.38	AIR-CHANGE	0.15	714.0	9639.0
L2A NNW Perim Spc (G.NNW24) STR	1.0	EXT	180.0	0.34	0.0	0.20	AIR-CHANGE	0.26	287.5	3881.2
L2A West Perim Spc (G.W25) STO	1.0	EXT	90.0	0.30	0.0	0.20	AIR-CHANGE	0.20	52.0	702.0
L2A Core Spc (G.C26) COR	1.0	EXT	90.0	0.39	0.0	0.20	NO-INFILT.	0.00	1021.2	13786.9
L2B South Perim Spc (G.S27) VEST	1.0	EXT	0.0	0.49	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	0.60	0.0	0.00	NO-INFILT.	0.00	161.5	1574.6
L3B Core Spc (G.C2) STR	1.0	INT	0.0	0.34	0.0	0.20	NO-INFILT.	0.00	241.5	2354.6
L3B North Perim Spc (G.N3) COR	1.0	EXT	180.0	0.39	0.0	0.20	AIR-CHANGE	0.06	1748.2	17045.4
L3B North Perim Spc (G.N4) APT4	1.0	EXT	180.0	0.41	3.7	1.38	AIR-CHANGE	0.08	2928.0	28548.0
L3B East Perim Spc (G.E5) APT1	1.0	EXT	0.0	0.41	1.3	1.38	AIR-CHANGE	0.13	984.0	9594.0
L3B West Perim Spc (G.W6) APT1	1.0	EXT	0.0	0.41	1.0	1.38	AIR-CHANGE	0.15	765.0	7458.8

REPORT- LV-B Summary of Spaces WEATHER FILE- SEATTLE BOEING FI WA

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L3B West Perim Spc (G.W7) APT1	1.0	EXT	90.0	0.41	0.8	1.38	AIR-CHANGE	0.10	654.5	6381.4
L3B East Perim Spc (G.E8) APT1	1.0	EXT	-90.0	0.41	0.8	1.38	AIR-CHANGE	0.11	628.5	6127.9
L3B East Perim Spc (G.E9) APT1	1.0	EXT	0.0	0.41	1.0	1.38	AIR-CHANGE	0.16	789.0	7692.8
L3B South Perim Spc (G.S10) APT7	1.0	EXT	90.0	0.41	5.1	1.38	AIR-CHANGE	0.08	3981.5	38819.6
L3B Core Spc (G.C11) ELEC	1.0	INT	0.0	0.46	0.0	0.00	NO-INFILT.	0.00	57.8	563.1
L3A East Perim Spc (G.E12) GSHF	1.0	EXT	-90.0	0.60	0.0	0.00	AIR-CHANGE	6.15	38.2	372.9
L3A East Perim Spc (G.E13) APT4	1.0	EXT	180.0	0.41	2.8	1.38	AIR-CHANGE	0.07	2229.8	21740.1
L3A Core Spc (G.C14) TSHF	1.0	INT	0.0	0.60	0.0	0.00	AIR-CHANGE	6.15	27.0	263.2
L3A Core Spc (G.C15) TRSH	1.0	INT	0.0	0.30	0.0	0.00	NO-INFILT.	0.00	54.0	526.5
L3A Core Spc (G.C16) ELEC	1.0	INT	0.0	0.46	0.0	0.00	NO-INFILT.	0.00	65.0	633.8
L3A NW Perim Spc (G.NW17) APT1	1.0	EXT	0.0	0.41	1.2	1.38	AIR-CHANGE	0.13	915.5	8926.1
L3A North Perim Spc (G.N18) APT3	1.0	EXT	180.0	0.41	2.0	1.38	AIR-CHANGE	0.09	1566.5	15273.4
L3B East Perim Spc (G.E19) APT1	1.0	EXT	0.0	0.41	0.9	1.38	AIR-CHANGE	0.18	714.0	6961.5
L3A Core Spc (G.C20) STR	1.0	INT	0.0	0.34	0.0	0.20	NO-INFILT.	0.00	144.5	1408.9
L3A West Perim Spc (G.W21) APT4	1.0	EXT	180.0	0.41	3.2	1.38	AIR-CHANGE	0.08	2478.2	24162.9
L3A SW Perim Spc (G.SW22) APT1	1.0	EXT	0.0	0.41	1.2	1.38	AIR-CHANGE	0.12	944.2	9206.4
L3A Core Spc (G.C23) COR	1.0	EXT	0.0	0.39	0.0	0.20	NO-INFILT.	0.00	681.2	6642.2
L3A South Perim Spc (G.S24) APT3	1.0	EXT	-90.0	0.41	2.3	1.38	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	0.60	0.0	0.00	NO-INFILT.	0.00	161.5	1574.6
L4B Core Spc (G.C2) STR	1.0	INT	0.0	0.34	0.0	0.20	NO-INFILT.	0.00	241.5	2354.6
L4B North Perim Spc (G.N3) COR	1.0	EXT	180.0	0.39	0.0	0.20	AIR-CHANGE	0.06	1748.2	17045.4
L4B North Perim Spc (G.N4) APT4	1.0	EXT	180.0	0.41	3.7	1.38	AIR-CHANGE	0.08	2928.0	28548.0
L4B East Perim Spc (G.E5) APT1	1.0	EXT	0.0	0.41	1.3	1.38	AIR-CHANGE	0.13	984.0	9594.0
L4B West Perim Spc (G.W6) APT1	1.0	EXT	0.0	0.41	1.0	1.38	AIR-CHANGE	0.15	765.0	7458.8
L4B West Perim Spc (G.W7) APT1	1.0	EXT	90.0	0.41	0.8	1.38	AIR-CHANGE	0.10	654.5	6381.4
L4B East Perim Spc (G.E8) APT1	1.0	EXT	-90.0	0.41	0.8	1.38	AIR-CHANGE	0.11	628.5	6127.9
L4B East Perim Spc (G.E9) APT1	1.0	EXT	0.0	0.41	1.0	1.38	AIR-CHANGE	0.16	789.0	7692.8
L4B South Perim Spc (G.S10) APT7	1.0	EXT	90.0	0.41	5.1	1.38	AIR-CHANGE	0.08	3981.5	38819.6
L4B Core Spc (G.C11) ELEC	1.0	INT	0.0	0.46	0.0	0.00	NO-INFILT.	0.00	57.8	563.1
L4A East Perim Spc (G.E12) GSHF	1.0	EXT	-90.0	0.60	0.0	0.00	AIR-CHANGE	6.15	38.2	372.9
L4A East Perim Spc (G.E13) APT4	1.0	EXT	180.0	0.41	2.8	1.38	AIR-CHANGE	0.07	2229.8	21740.1
L4A Core Spc (G.C14) TSHF	1.0	INT	0.0	0.60	0.0	0.00	AIR-CHANGE	6.15	27.0	263.2
L4A Core Spc (G.C15) TRSH	1.0	INT	0.0	0.30	0.0	0.00	NO-INFILT.	0.00	54.0	526.5
L4A Core Spc (G.C16) ELEC	1.0	INT	0.0	0.46	0.0	0.00	NO-INFILT.	0.00	65.0	633.8
L4A NW Perim Spc (G.NW17) APT1	1.0	EXT	0.0	0.41	1.2	1.38	AIR-CHANGE	0.13	915.5	8926.1
L4A North Perim Spc (G.N18) APT3	1.0	EXT	180.0	0.41	2.0	1.38	AIR-CHANGE	0.09	1566.5	15273.4
L4B East Perim Spc (G.E19) APT1	1.0	EXT	0.0	0.41	0.9	1.38	AIR-CHANGE	0.18	714.0	6961.5
L4A Core Spc (G.C20) STR	1.0	INT	0.0	0.34	0.0	0.20	NO-INFILT.	0.00	144.5	1408.9
L4A West Perim Spc (G.W21) APT4	1.0	EXT	180.0	0.41	3.2	1.38	AIR-CHANGE	0.08	2478.2	24162.9
L4A SW Perim Spc (G.SW22) APT1	1.0	EXT	0.0	0.41	1.2	1.38	AIR-CHANGE	0.12	944.2	9206.4
L4A Core Spc (G.C23) COR	1.0	INT	0.0	0.39	0.0	0.20	NO-INFILT.	0.00	681.2	6642.2
L4A South Perim Spc (G.S24) APT3	1.0	EXT	-90.0	0.41	2.3	1.38	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	0.60	0.0	0.00	NO-INFILT.	0.00	161.5	1574.6
L5B Core Spc (G.C2) STR	1.0	INT	0.0	0.34	0.0	0.20	NO-INFILT.	0.00	241.5	2354.6
L5B North Perim Spc (G.N3) COR	1.0	EXT	180.0	0.39	0.0	0.20	AIR-CHANGE	0.06	1748.2	17045.4
L5B North Perim Spc (G.N4) APT4	1.0	EXT	180.0	0.41	3.7	1.38	AIR-CHANGE	0.08	2928.0	28548.0
L5B East Perim Spc (G.E5) APT1	1.0	EXT	0.0	0.41	1.3	1.38	AIR-CHANGE	0.13	984.0	9594.0
L5B West Perim Spc (G.W6) APT1	1.0	EXT	0.0	0.41	1.0	1.38	AIR-CHANGE	0.15	765.0	7458.8
L5B West Perim Spc (G.W7) APT1	1.0	EXT	90.0	0.41	0.8	1.38	AIR-CHANGE	0.10	654.5	6381.4
L5B East Perim Spc (G.E8) APT1	1.0	EXT	-90.0	0.41	0.8	1.38	AIR-CHANGE	0.11	628.5	6127.9
L5B East Perim Spc (G.E9) APT1	1.0	EXT	0.0	0.41	1.0	1.38	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	0.41	5.1	1.38	AIR-CHANGE	0.08	3981.5	38819.6
L5B Core Spc (G.C11) ELEC	1.0	INT	0.0	0.46	0.0	0.00	NO-INFILT.	0.00	57.8	563.1
L5A East Perim Spc (G.E12) GSHF	1.0	EXT	-90.0	0.60	0.0	0.00	AIR-CHANGE	6.15	38.2	372.9
L5A East Perim Spc (G.E13) APT4	1.0	EXT	180.0	0.41	2.8	1.38	AIR-CHANGE	0.07	2229.8	21740.1
L5A Core Spc (G.C14) TSHF	1.0	INT	0.0	0.60	0.0	0.00	AIR-CHANGE	6.15	27.0	263.2
L5A Core Spc (G.C15) TRSH	1.0	INT	0.0	0.30	0.0	0.00	NO-INFILT.	0.00	54.0	526.5
L5A Core Spc (G.C16) ELEC	1.0	INT	0.0	0.46	0.0	0.00	NO-INFILT.	0.00	65.0	633.8
L5A NW Perim Spc (G.NW17) APT1	1.0	EXT	0.0	0.41	1.2	1.38	AIR-CHANGE	0.13	915.5	8926.1
L5A North Perim Spc (G.N18) APT3	1.0	EXT	180.0	0.41	2.0	1.38	AIR-CHANGE	0.09	1566.5	15273.4
L5B East Perim Spc (G.E19) APT1	1.0	EXT	0.0	0.41	0.9	1.38	AIR-CHANGE	0.18	714.0	6961.5
L5A Core Spc (G.C20) STR	1.0	INT	0.0	0.34	0.0	0.20	NO-INFILT.	0.00	144.5	1408.9
L5A West Perim Spc (G.W21) APT4	1.0	EXT	180.0	0.41	3.2	1.38	AIR-CHANGE	0.08	2478.2	24162.9
L5A SW Perim Spc (G.SW22) APT1	1.0	EXT	0.0	0.41	1.2	1.38	AIR-CHANGE	0.12	944.2	9206.4
L5A Core Spc (G.C23) COR	1.0	INT	0.0	0.39	0.0	0.20	NO-INFILT.	0.00	681.2	6642.2
L5A South Perim Spc (G.S24) APT3	1.0	EXT	-90.0	0.41	2.3	1.38	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	0.60	0.0	0.00	NO-INFILT.	0.00	161.5	1574.6
L6B Core Spc (G.C2) STR	1.0	INT	0.0	0.34	0.0	0.20	NO-INFILT.	0.00	241.5	2354.6
L6B North Perim Spc (G.N3) COR	1.0	EXT	180.0	0.39	0.0	0.20	AIR-CHANGE	0.06	1748.2	17045.4
L6B North Perim Spc (G.N4) APT4	1.0	EXT	180.0	0.41	3.7	1.38	AIR-CHANGE	0.08	2928.0	28548.0
L6B East Perim Spc (G.E5) APT1	1.0	EXT	0.0	0.41	1.3	1.38	AIR-CHANGE	0.13	984.0	9594.0
L6B West Perim Spc (G.W6) APT1	1.0	EXT	0.0	0.41	1.0	1.38	AIR-CHANGE	0.15	765.0	7458.8
L6B West Perim Spc (G.W7) APT1	1.0	EXT	90.0	0.41	0.8	1.38	AIR-CHANGE	0.10	654.5	6381.4
L6B East Perim Spc (G.E8) APT1	1.0	EXT	-90.0	0.41	0.8	1.38	AIR-CHANGE	0.11	628.5	6127.9
L6B East Perim Spc (G.E9) APT1	1.0	EXT	0.0	0.41	1.0	1.38	AIR-CHANGE	0.16	789.0	7692.8
L6B South Perim Spc (G.S10) APT7	1.0	EXT	90.0	0.41	5.1	1.38	AIR-CHANGE	0.08	3981.5	38819.6
L6B Core Spc (G.C11) ELEC	1.0	INT	0.0	0.46	0.0	0.00	NO-INFILT.	0.00	57.8	563.1
L6A East Perim Spc (G.E12) GSHF	1.0	EXT	-90.0	0.60	0.0	0.00	AIR-CHANGE	6.15	38.2	372.9
L6A East Perim Spc (G.E13) APT4	1.0	EXT	180.0	0.41	2.8	1.38	AIR-CHANGE	0.07	2229.8	21740.1
L6A Core Spc (G.C14) TSHF	1.0	INT	0.0	0.60	0.0	0.00	AIR-CHANGE	6.15	27.0	263.2
L6A Core Spc (G.C15) TRSH	1.0	INT	0.0	0.30	0.0	0.00	NO-INFILT.	0.00	54.0	526.5
L6A Core Spc (G.C16) ELEC	1.0	INT	0.0	0.46	0.0	0.00	NO-INFILT.	0.00	65.0	633.8
L6A NW Perim Spc (G.NW17) APT1	1.0	EXT	90.0	0.41	0.9	1.38	AIR-CHANGE	0.14	731.2	7129.7
L6A North Perim Spc (G.N18) APT3	1.0	EXT	180.0	0.41	1.8	1.38	AIR-CHANGE	0.08	1404.0	13689.0
L6B East Perim Spc (G.E19) APT1	1.0	EXT	0.0	0.41	0.8	1.38	AIR-CHANGE	0.18	659.0	6425.2
L6A Core Spc (G.C20) STR	1.0	INT	0.0	0.34	0.0	0.20	NO-INFILT.	0.00	144.5	1408.9
L6A West Perim Spc (G.W21) APT4	1.0	EXT	180.0	0.41	3.2	1.38	AIR-CHANGE	0.08	2478.2	24162.9
L6A SW Perim Spc (G.SW22) APT1	1.0	EXT	0.0	0.41	1.2	1.38	AIR-CHANGE	0.12	944.2	9206.4
L6A Core Spc (G.C23) COR	1.0	EXT	0.0	0.39	0.0	0.20	NO-INFILT.	0.00	681.2	6642.2
L6A South Perim Spc (G.S24) APT3	1.0	EXT	-90.0	0.41	2.3	1.38	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	0.60	0.0	0.00	NO-INFILT.	0.00	161.5	1681.2
L7B Core Spc (G.C2) STR	1.0	EXT	0.0	0.34	0.0	0.20	NO-INFILT.	0.00	241.5	2514.0
L7B North Perim Spc (G.N3) COR	1.0	EXT	0.0	0.39	0.0	0.20	AIR-CHANGE	0.08	1748.2	18199.3
L7B North Perim Spc (G.N4) APT4	1.0	EXT	180.0	0.41	3.4	1.38	AIR-CHANGE	0.07	2668.0	27773.9
L7B East Perim Spc (G.E5) APT1	1.0	EXT	0.0	0.41	1.2	1.38	AIR-CHANGE	0.13	919.0	9566.8
L7B West Perim Spc (G.W6) APT1	1.0	EXT	0.0	0.41	1.0	1.38	AIR-CHANGE	0.15	765.0	7963.6
L7B West Perim Spc (G.W7) APT1	1.0	EXT	90.0	0.41	0.8	1.38	AIR-CHANGE	0.10	654.5	6813.3
L7B East Perim Spc (G.E8) APT1	1.0	EXT	-90.0	0.41	0.8	1.38	AIR-CHANGE	0.11	628.5	6542.7
L7B East Perim Spc (G.E9) APT1	1.0	EXT	0.0	0.41	1.0	1.38	AIR-CHANGE	0.15	789.0	8213.5
L7B SSW Perim Spc (G.SSW10) APT7	1.0	EXT	0.0	0.41	5.1	1.38	AIR-CHANGE	0.08	3981.5	41447.4
L7B Core Spc (G.C11) ELEC	1.0	EXT	0.0	0.46	0.0	0.00	NO-INFILT.	0.00	57.8	601.2
L7A East Perim Spc (G.E12) GSHF	1.0	EXT	-90.0	0.60	0.0	0.00	AIR-CHANGE	5.76	38.2	398.2

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(CONTINUED)

L7A East Perim Spc (G.E13) APT2	1.0	EXT	-90.0	0.41	1.2	1.38	AIR-CHANGE	0.08	956.8	9959.8
L7A Core Spc (G.C14) TSHF	1.0	INT	0.0	0.60	0.0	0.00	AIR-CHANGE	5.76	27.0	281.1
L7A Core Spc (G.C15) TRSH	1.0	INT	0.0	0.30	0.0	0.00	NO-INFILT.	0.00	54.0	562.1
L7A Core Spc (G.C16) ELEC	1.0	INT	0.0	0.46	0.0	0.00	NO-INFILT.	0.00	65.0	676.6
L7A Core Spc (G.C17) STR	1.0	INT	0.0	0.34	0.0	0.20	NO-INFILT.	0.00	144.5	1504.2
L7A West Perim Spc (G.W18) APT2	1.0	EXT	0.0	0.41	1.3	1.38	AIR-CHANGE	0.08	999.0	10399.6
L7A SW Perim Spc (G.SW19) APT1	1.0	EXT	0.0	0.41	1.1	1.38	AIR-CHANGE	0.11	891.8	9283.1
L7A Core Spc (G.C20) COR	1.0	EXT	180.0	0.39	0.0	0.20	NO-INFILT.	0.00	623.0	6485.4
L7A NW Perim Spc (G.NW21) AMN	1.0	EXT	90.0	0.39	0.0	0.50	AIR-CHANGE	0.13	778.0	8099.0
L7A NE Perim Spc (G.NE22) AMN	1.0	EXT	180.0	0.39	0.0	0.50	AIR-CHANGE	0.12	829.5	8635.1
L7A SSE Perim Spc (G.SSE23) APT2	1.0	EXT	-90.0	0.41	1.6	1.38	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	0.60	0.0	0.00	NO-INFILT.	0.00	161.5	1574.6
L8A East Perim Spc (G.E2) GSHF	1.0	EXT	-90.0	0.60	0.0	0.00	AIR-CHANGE	6.15	38.2	372.9
L8A East Perim Spc (G.E3) APT2	1.0	EXT	-90.0	0.41	1.2	1.38	AIR-CHANGE	0.08	956.8	9328.3
L8A Core Spc (G.C4) TSHF	1.0	EXT	0.0	0.60	0.0	0.00	AIR-CHANGE	6.15	27.0	263.2
L8A Core Spc (G.C5) TRSH	1.0	EXT	0.0	0.30	0.0	0.00	NO-INFILT.	0.00	54.0	526.5
L8A Core Spc (G.C6) ELEC	1.0	EXT	0.0	0.46	0.0	0.00	NO-INFILT.	0.00	65.0	633.8
L8A Core Spc (G.C7) STR	1.0	EXT	0.0	0.34	0.0	0.20	NO-INFILT.	0.00	144.5	1408.9
L8A West Perim Spc (G.W8) APT2	1.0	EXT	0.0	0.41	1.1	1.38	AIR-CHANGE	0.10	891.0	8687.2
L8A SW Perim Spc (G.SW9) APT1	1.0	EXT	0.0	0.41	0.9	1.38	AIR-CHANGE	0.14	688.5	6712.9
L8A Core Spc (G.C10) COR	1.0	EXT	0.0	0.39	0.0	0.20	NO-INFILT.	0.00	749.5	7307.6
L8A NW Perim Spc (G.NW11) APT1	1.0	EXT	90.0	0.41	1.0	1.38	AIR-CHANGE	0.14	776.5	7570.9
L8A NE Perim Spc (G.NE12) APT1	1.0	EXT	180.0	0.41	1.2	1.38	AIR-CHANGE	0.11	948.8	9250.3
L8A South Perim Spc (G.S13) APT1	1.0	EXT	0.0	0.41	0.7	1.38	AIR-CHANGE	0.14	540.0	5265.0
L8A SE Perim Spc (G.SE14) APT1	1.0	EXT	0.0	0.41	0.7	1.38	AIR-CHANGE	0.17	540.0	5265.0
BUILDING TOTALS				0.36	366.7	0.96			217166.2	2231328.8

CONDITIONED FLOOR AREA = 171490.0 SQFT
TOTAL INSTALLED LIGHTING POWER = 78.396 KW
TOTAL INSTALLED EQUIPMENT POWER = 207.938 KW

NUMBER OF EXTERIOR SURFACES1003
(U-VALUE INCLUDES OUTSIDE FILM; WINDOW INCLUDES FRAME AND CURB, IF DEFINED)

SURFACE	- - - W I N D O W S - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	- - - - W A L L - - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	-W A L L + W I N D O W S- U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	AZIMUTH
P1 East Wall (B.NE14.U16) 2	0.000	0.00	0.048	275.00	0.048	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	0.048	45.20	0.048	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)	0.186	62.70	0.048	199.46	0.081	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)	0.186	38.92	0.048	123.80	0.081	162.72	NORTH
in space: L1B East Perim Spc (G.E9) APT1							
L1 East Wall (G.E10.E13)	0.186	60.54	0.048	192.58	0.081	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)	0.373	7.07	0.048	1.97	0.302	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	0.048	76.84	0.048	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)	0.186	61.62	0.048	196.02	0.081	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)	0.186	40.00	0.048	127.24	0.081	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	0.048	9.04	0.048	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)	0.186	52.97	0.048	168.51	0.081	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)	0.186	10.81	0.048	53.34	0.071	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)	0.186	10.81	0.048	53.34	0.071	64.15	NORTH
in space: L2B North Perim Spc (G.N4) APT4							

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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)	0.186	10.81	0.048	53.34	0.071	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)	0.186	10.81	0.048	53.34	0.071	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)	0.186	73.51	0.048	362.71	0.071	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)	0.186	10.81	0.048	53.34	0.071	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)	0.186	36.75	0.048	181.36	0.071	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)	0.186	60.54	0.048	298.70	0.071	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)	0.186	2.16	0.048	10.67	0.071	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)	0.186	8.65	0.048	42.67	0.071	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)	0.186	8.65	0.048	42.67	0.071	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)	0.186	8.65	0.048	42.67	0.071	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)	0.373	7.07	0.048	5.76	0.227	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	0.048	109.06	0.048	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)	0.186	17.30	0.048	85.34	0.071	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)	0.186	119.99	0.048	592.07	0.071	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							

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L2 East Wall (G.WNW18.E58)	0.186	10.81	0.048	53.34	0.071	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)	0.186	10.81	0.048	53.34	0.071	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)	0.186	10.81	0.048	53.34	0.071	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)	0.186	10.81	0.048	53.34	0.071	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)	0.373	88.42	0.048	71.95	0.227	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)	0.186	70.26	0.048	346.71	0.071	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)	0.186	10.81	0.048	53.34	0.071	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)	0.186	2.16	0.048	6.92	0.081	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)	0.186	10.81	0.048	34.59	0.081	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)	0.186	10.81	0.048	34.59	0.081	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)	0.186	10.81	0.048	34.59	0.081	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)	0.186	10.81	0.048	34.59	0.081	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)	0.186	73.51	0.048	235.21	0.081	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)	0.186	10.81	0.048	34.59	0.081	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)	0.186	36.75	0.048	117.61	0.081	154.36	NORTH
in space: L3B East Perim Spc (G.E8) APT1							

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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)	0.186	84.32	0.048	269.80	0.081	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)	0.186	4.32	0.048	13.84	0.081	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)	0.186	4.32	0.048	13.84	0.081	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)	0.186	4.32	0.048	13.84	0.081	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)	0.186	4.32	0.048	13.84	0.081	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)	0.186	4.32	0.048	13.84	0.081	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)	0.186	4.32	0.048	13.84	0.081	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)	0.186	4.32	0.048	13.84	0.081	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)	0.186	4.32	0.048	13.84	0.081	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	0.048	77.18	0.048	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)	0.186	17.30	0.048	55.34	0.081	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)	0.186	119.99	0.048	383.95	0.081	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)	0.186	10.81	0.048	34.59	0.081	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)	0.186	10.81	0.048	34.59	0.081	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							

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L3 East Wall (G.N18.E81)	0.186	10.81	0.048	34.59	0.081	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)	0.186	10.81	0.048	34.59	0.081	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)	0.186	70.26	0.048	224.84	0.081	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)	0.186	10.81	0.048	34.59	0.081	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)	0.186	7.57	0.048	24.21	0.081	31.78	NORTH
in space: L3A South Perim Spc (G.S24) APT3							
L4 East Wall (G.N3.E2)	0.186	2.16	0.048	7.59	0.078	9.75	NORTH
in space: L4B North Perim Spc (G.N3) COR							
L4 East Wall (G.N4.E4)	0.186	10.81	0.048	37.94	0.078	48.75	NORTH
in space: L4B North Perim Spc (G.N4) APT4							
L4 East Wall (G.N4.E8)	0.186	10.81	0.048	37.94	0.078	48.75	NORTH
in space: L4B North Perim Spc (G.N4) APT4							
L4 East Wall (G.N4.E12)	0.186	10.81	0.048	37.94	0.078	48.75	NORTH
in space: L4B North Perim Spc (G.N4) APT4							
L4 East Wall (G.N4.E16)	0.186	10.81	0.048	37.94	0.078	48.75	NORTH
in space: L4B North Perim Spc (G.N4) APT4							
L4 East Wall (G.E5.E20)	0.186	73.51	0.048	257.99	0.078	331.50	NORTH
in space: L4B East Perim Spc (G.E5) APT1							
L4 East Wall (G.E5.E22)	0.186	10.81	0.048	37.94	0.078	48.75	NORTH
in space: L4B East Perim Spc (G.E5) APT1							
L4 East Wall (G.E8.E29)	0.186	36.75	0.048	129.00	0.078	165.75	NORTH
in space: L4B East Perim Spc (G.E8) APT1							
L4 East Wall (G.E9.E33)	0.186	84.32	0.048	295.93	0.078	380.25	NORTH
in space: L4B East Perim Spc (G.E9) APT1							
L4 East Wall (G.S10.E37)	0.186	4.32	0.048	15.18	0.078	19.50	NORTH
in space: L4B South Perim Spc (G.S10) APT7							
L4 East Wall (G.S10.E41)	0.186	4.32	0.048	15.18	0.078	19.50	NORTH
in space: L4B South Perim Spc (G.S10) APT7							
L4 East Wall (G.S10.E45)	0.186	4.32	0.048	15.18	0.078	19.50	NORTH
in space: L4B South Perim Spc (G.S10) APT7							
L4 East Wall (G.S10.E49)	0.186	4.32	0.048	15.18	0.078	19.50	NORTH
in space: L4B South Perim Spc (G.S10) APT7							
L4 East Wall (G.S10.E53)	0.186	4.32	0.048	15.18	0.078	19.50	NORTH
in space: L4B South Perim Spc (G.S10) APT7							
L4 East Wall (G.S10.E57)	0.186	4.32	0.048	15.18	0.078	19.50	NORTH
in space: L4B South Perim Spc (G.S10) APT7							
L4 East Wall (G.S10.E61)	0.186	4.32	0.048	15.18	0.078	19.50	NORTH
in space: L4B South Perim Spc (G.S10) APT7							
L4 East Wall (G.S10.E65)	0.186	4.32	0.048	15.18	0.078	19.50	NORTH
in space: L4B South Perim Spc (G.S10) APT7							
L4 East Wall (G.E12.E66) $X	0.000	0.00	0.048	82.88	0.048	82.88	NORTH
in space: L4A East Perim Spc (G.E12) GSHF							
L4 East Wall (G.E13.E68)	0.186	17.30	0.048	60.70	0.078	78.00	NORTH
in space: L4A East Perim Spc (G.E13) APT4							
L4 East Wall (G.E13.E69)	0.186	119.99	0.048	421.13	0.078	541.12	NORTH
in space: L4A East Perim Spc (G.E13) APT4							

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L4 East Wall (G.NW17.E73)	0.186	10.81	0.048	37.94	0.078	48.75	NORTH
in space: L4A NW Perim Spc (G.NW17) APT1							
L4 East Wall (G.N18.E77)	0.186	10.81	0.048	37.94	0.078	48.75	NORTH
in space: L4A North Perim Spc (G.N18) APT3							
L4 East Wall (G.N18.E81)	0.186	10.81	0.048	37.94	0.078	48.75	NORTH
in space: L4A North Perim Spc (G.N18) APT3							
L4 East Wall (G.N18.E85)	0.186	10.81	0.048	37.94	0.078	48.75	NORTH
in space: L4A North Perim Spc (G.N18) APT3							
L4 East Wall (G.E19.E89)	0.186	70.26	0.048	246.61	0.078	316.88	NORTH
in space: L4B East Perim Spc (G.E19) APT1							
L4 East Wall (G.E19.E91)	0.186	10.81	0.048	37.94	0.078	48.75	NORTH
in space: L4B East Perim Spc (G.E19) APT1							
L4 East Wall (G.S24.E109)	0.186	7.57	0.048	26.56	0.078	34.12	NORTH
in space: L4A South Perim Spc (G.S24) APT3							
L5 East Wall (G.N3.E2)	0.186	2.16	0.048	7.59	0.078	9.75	NORTH
in space: L5B North Perim Spc (G.N3) COR							
L5 East Wall (G.N4.E4)	0.186	10.81	0.048	37.94	0.078	48.75	NORTH
in space: L5B North Perim Spc (G.N4) APT4							
L5 East Wall (G.N4.E8)	0.186	10.81	0.048	37.94	0.078	48.75	NORTH
in space: L5B North Perim Spc (G.N4) APT4							
L5 East Wall (G.N4.E12)	0.186	10.81	0.048	37.94	0.078	48.75	NORTH
in space: L5B North Perim Spc (G.N4) APT4							
L5 East Wall (G.N4.E16)	0.186	10.81	0.048	37.94	0.078	48.75	NORTH
in space: L5B North Perim Spc (G.N4) APT4							
L5 East Wall (G.E5.E20)	0.186	73.51	0.048	257.99	0.078	331.50	NORTH
in space: L5B East Perim Spc (G.E5) APT1							
L5 East Wall (G.E5.E22)	0.186	10.81	0.048	37.94	0.078	48.75	NORTH
in space: L5B East Perim Spc (G.E5) APT1							
L5 East Wall (G.E8.E29)	0.186	36.75	0.048	129.00	0.078	165.75	NORTH
in space: L5B East Perim Spc (G.E8) APT1							
L5 East Wall (G.E9.E33)	0.186	84.32	0.048	295.93	0.078	380.25	NORTH
in space: L5B East Perim Spc (G.E9) APT1							
L5 East Wall (G.S10.E37)	0.186	4.32	0.048	15.18	0.078	19.50	NORTH
in space: L5B South Perim Spc (G.S10) APT7							
L5 East Wall (G.S10.E41)	0.186	4.32	0.048	15.18	0.078	19.50	NORTH
in space: L5B South Perim Spc (G.S10) APT7							
L5 East Wall (G.S10.E45)	0.186	4.32	0.048	15.18	0.078	19.50	NORTH
in space: L5B South Perim Spc (G.S10) APT7							
L5 East Wall (G.S10.E49)	0.186	4.32	0.048	15.18	0.078	19.50	NORTH
in space: L5B South Perim Spc (G.S10) APT7							
L5 East Wall (G.S10.E53)	0.186	4.32	0.048	15.18	0.078	19.50	NORTH
in space: L5B South Perim Spc (G.S10) APT7							
L5 East Wall (G.S10.E57)	0.186	4.32	0.048	15.18	0.078	19.50	NORTH
in space: L5B South Perim Spc (G.S10) APT7							
L5 East Wall (G.S10.E61)	0.186	4.32	0.048	15.18	0.078	19.50	NORTH
in space: L5B South Perim Spc (G.S10) APT7							
L5 East Wall (G.S10.E65)	0.186	4.32	0.048	15.18	0.078	19.50	NORTH
in space: L5B South Perim Spc (G.S10) APT7							
L5 East Wall (G.E12.E66) $X	0.000	0.00	0.048	82.88	0.048	82.88	NORTH
in space: L5A East Perim Spc (G.E12) GSHF							
L5 East Wall (G.E13.E68)	0.186	17.30	0.048	60.70	0.078	78.00	NORTH
in space: L5A East Perim Spc (G.E13) APT4							
L5 East Wall (G.E13.E69)	0.186	119.99	0.048	421.13	0.078	541.12	NORTH
in space: L5A East Perim Spc (G.E13) APT4							
L5 East Wall (G.NW17.E73)	0.186	10.81	0.048	37.94	0.078	48.75	NORTH
in space: L5A NW Perim Spc (G.NW17) APT1							
L5 East Wall (G.N18.E77)	0.186	10.81	0.048	37.94	0.078	48.75	NORTH
in space: L5A North Perim Spc (G.N18) APT3							

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L5 East Wall (G.N18.E81)	0.186	10.81	0.048	37.94	0.078	48.75	NORTH
in space: L5A North Perim Spc (G.N18) APT3							
L5 East Wall (G.N18.E85)	0.186	10.81	0.048	37.94	0.078	48.75	NORTH
in space: L5A North Perim Spc (G.N18) APT3							
L5 East Wall (G.E19.E89)	0.186	70.26	0.048	246.61	0.078	316.88	NORTH
in space: L5B East Perim Spc (G.E19) APT1							
L5 East Wall (G.E19.E91)	0.186	10.81	0.048	37.94	0.078	48.75	NORTH
in space: L5B East Perim Spc (G.E19) APT1							
L5 East Wall (G.S24.E109)	0.186	7.57	0.048	26.56	0.078	34.12	NORTH
in space: L5A South Perim Spc (G.S24) APT3							
L6 East Wall (G.N3.E2)	0.186	2.16	0.048	7.59	0.078	9.75	NORTH
in space: L6B North Perim Spc (G.N3) COR							
L6 East Wall (G.N4.E4)	0.186	10.81	0.048	37.94	0.078	48.75	NORTH
in space: L6B North Perim Spc (G.N4) APT4							
L6 East Wall (G.N4.E8)	0.186	10.81	0.048	37.94	0.078	48.75	NORTH
in space: L6B North Perim Spc (G.N4) APT4							
L6 East Wall (G.N4.E12)	0.186	10.81	0.048	37.94	0.078	48.75	NORTH
in space: L6B North Perim Spc (G.N4) APT4							
L6 East Wall (G.N4.E16)	0.186	10.81	0.048	37.94	0.078	48.75	NORTH
in space: L6B North Perim Spc (G.N4) APT4							
L6 East Wall (G.E5.E20)	0.186	73.51	0.048	257.99	0.078	331.50	NORTH
in space: L6B East Perim Spc (G.E5) APT1							
L6 East Wall (G.E5.E22)	0.186	10.81	0.048	37.94	0.078	48.75	NORTH
in space: L6B East Perim Spc (G.E5) APT1							
L6 East Wall (G.E8.E29)	0.186	36.75	0.048	129.00	0.078	165.75	NORTH
in space: L6B East Perim Spc (G.E8) APT1							
L6 East Wall (G.E9.E33)	0.186	84.32	0.048	295.93	0.078	380.25	NORTH
in space: L6B East Perim Spc (G.E9) APT1							
L6 East Wall (G.S10.E37)	0.186	4.32	0.048	15.18	0.078	19.50	NORTH
in space: L6B South Perim Spc (G.S10) APT7							
L6 East Wall (G.S10.E41)	0.186	4.32	0.048	15.18	0.078	19.50	NORTH
in space: L6B South Perim Spc (G.S10) APT7							
L6 East Wall (G.S10.E45)	0.186	4.32	0.048	15.18	0.078	19.50	NORTH
in space: L6B South Perim Spc (G.S10) APT7							
L6 East Wall (G.S10.E49)	0.186	4.32	0.048	15.18	0.078	19.50	NORTH
in space: L6B South Perim Spc (G.S10) APT7							
L6 East Wall (G.S10.E53)	0.186	4.32	0.048	15.18	0.078	19.50	NORTH
in space: L6B South Perim Spc (G.S10) APT7							
L6 East Wall (G.S10.E57)	0.186	4.32	0.048	15.18	0.078	19.50	NORTH
in space: L6B South Perim Spc (G.S10) APT7							
L6 East Wall (G.S10.E61)	0.186	4.32	0.048	15.18	0.078	19.50	NORTH
in space: L6B South Perim Spc (G.S10) APT7							
L6 East Wall (G.S10.E65)	0.186	4.32	0.048	15.18	0.078	19.50	NORTH
in space: L6B South Perim Spc (G.S10) APT7							
L6 East Wall (G.E12.E66) $X	0.000	0.00	0.048	82.88	0.048	82.88	NORTH
in space: L6A East Perim Spc (G.E12) GSHF							
L6 East Wall (G.E13.E68)	0.186	17.30	0.048	60.70	0.078	78.00	NORTH
in space: L6A East Perim Spc (G.E13) APT4							
L6 East Wall (G.E13.E69)	0.186	119.99	0.048	421.13	0.078	541.12	NORTH
in space: L6A East Perim Spc (G.E13) APT4							
L6 East Wall (G.E19.E74)	0.186	70.26	0.048	246.61	0.078	316.88	NORTH
in space: L6B East Perim Spc (G.E19) APT1							
L6 East Wall (G.S24.E91)	0.186	7.57	0.048	26.56	0.078	34.12	NORTH
in space: L6A South Perim Spc (G.S24) APT3							
L7 East Wall (G.N3.E3)	0.186	2.16	0.048	8.25	0.076	10.41	NORTH
in space: L7B North Perim Spc (G.N3) COR							
L7 East Wall (G.E5.E6)	0.186	73.51	0.048	280.43	0.076	353.94	NORTH
in space: L7B East Perim Spc (G.E5) APT1							

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L7 East Wall (G.E8.E12)	0.186	36.75	0.048	140.22	0.076	176.97	NORTH
in space: L7B East Perim Spc (G.E8) APT1							
L7 East Wall (G.E9.E16)	0.186	84.32	0.048	321.67	0.076	405.99	NORTH
in space: L7B East Perim Spc (G.E9) APT1							
L7 East Wall (G.SSW10.E19)	0.186	4.32	0.048	16.50	0.076	20.82	NORTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 East Wall (G.SSW10.E23)	0.186	4.32	0.048	16.50	0.076	20.82	NORTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 East Wall (G.SSW10.E27)	0.186	4.32	0.048	16.50	0.076	20.82	NORTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 East Wall (G.SSW10.E31)	0.186	4.32	0.048	16.50	0.076	20.82	NORTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 East Wall (G.SSW10.E35)	0.186	4.32	0.048	16.50	0.076	20.82	NORTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 East Wall (G.SSW10.E39)	0.186	4.32	0.048	16.50	0.076	20.82	NORTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 East Wall (G.SSW10.E43)	0.186	4.32	0.048	16.50	0.076	20.82	NORTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 East Wall (G.SSW10.E47)	0.186	4.32	0.048	16.50	0.076	20.82	NORTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 East Wall (G.E12.E49) $X	0.000	0.00	0.048	88.49	0.048	88.49	NORTH
in space: L7A East Perim Spc (G.E12) GSHF							
L7 East Wall (G.E13.E50)	0.186	61.62	0.048	235.07	0.076	296.68	NORTH
in space: L7A East Perim Spc (G.E13) APT2							
L7 East Wall (G.NE22.E58)	0.186	191.00	0.048	90.07	0.142	281.07	NORTH
in space: L7A NE Perim Spc (G.NE22) AMN							
L7 East Wall (G.SSE23.E59)	0.186	61.62	0.048	235.07	0.076	296.68	NORTH
in space: L7A SSE Perim Spc (G.SSE23) APT2							
L8 East Wall (G.E2.E2) $X	0.000	0.00	0.048	82.88	0.048	82.88	NORTH
in space: L8A East Perim Spc (G.E2) GSHF							
L8 East Wall (G.E3.E4)	0.186	61.62	0.048	216.26	0.078	277.88	NORTH
in space: L8A East Perim Spc (G.E3) APT2							
L8 East Wall (G.C10.E15)	0.186	19.46	0.048	68.29	0.078	87.75	NORTH
in space: L8A Core Spc (G.C10) COR							
L8 East Wall (G.NE12.E21)	0.186	59.45	0.048	208.67	0.078	268.12	NORTH
in space: L8A NE Perim Spc (G.NE12) APT1							
L8 East Wall (G.SE14.E26)	0.186	51.89	0.048	182.11	0.078	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)	0.186	17.69	0.048	27.71	0.102	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)	0.186	90.22	0.048	141.32	0.102	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)	0.186	26.53	0.048	41.57	0.102	68.10	EAST
in space: L3A SW Perim Spc (G.SW22) APT1							
L1 South Wall (G.E29.E47)	0.000	0.00	0.048	117.52	0.048	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)	0.186	77.83	0.048	121.93	0.102	199.76	EAST
in space: L3A South Perim Spc (G.S24) APT3							

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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)	0.186	159.21	0.048	249.39	0.102	408.60	EAST
in space: L3A South Perim Spc (G.S24) APT3							
L2 South Wall (G.S27.E88)	0.373	84.89	0.048	69.07	0.227	153.96	EAST
in space: L2B South Perim Spc (G.S27) VEST							
L1 South Wall (G.E10.E15)	0.186	63.68	0.048	99.04	0.102	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)	0.186	45.99	0.048	120.80	0.086	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)	0.186	77.83	0.048	136.67	0.098	214.50	EAST
in space: L4B East Perim Spc (G.E5) APT1							
L2 South Wall (G.S10.E38)	0.186	77.83	0.048	204.43	0.086	282.26	EAST
in space: L2B South Perim Spc (G.S10) APT6							
L1 South Wall (G.S11.E16)	0.186	304.26	0.048	225.17	0.127	529.43	EAST
in space: L1B South Perim Spc (G.S11) APT5							
L4 South Wall (G.W6.E25)	0.000	0.00	0.048	175.50	0.048	175.50	EAST
in space: L4B West Perim Spc (G.W6) APT1							
L1 South Wall (G.W7.E8)	0.000	0.00	0.048	162.72	0.048	162.72	EAST
in space: L1B West Perim Spc (G.W7) APT1							
L4 South Wall (G.E9.E30)	0.186	15.92	0.048	27.95	0.098	43.88	EAST
in space: L4B East Perim Spc (G.E9) APT1							
L4 South Wall (G.E9.E32)	0.186	51.30	0.048	90.08	0.098	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)	0.186	7.08	0.048	12.42	0.098	19.50	EAST
in space: L4B South Perim Spc (G.S10) APT7							
L2 South Wall (G.S10.E40)	0.186	45.99	0.048	120.80	0.086	166.79	EAST
in space: L2B South Perim Spc (G.S10) APT6							
L4 South Wall (G.S10.E38)	0.186	12.38	0.048	21.74	0.098	34.12	EAST
in space: L4B South Perim Spc (G.S10) APT7							
L4 South Wall (G.S10.E40)	0.186	45.99	0.048	80.76	0.098	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)	0.186	15.92	0.048	27.95	0.098	43.88	EAST
in space: L4B South Perim Spc (G.S10) APT7							
L4 South Wall (G.S10.E44)	0.186	45.99	0.048	80.76	0.098	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)	0.186	15.92	0.048	27.95	0.098	43.88	EAST
in space: L4B South Perim Spc (G.S10) APT7							
L4 South Wall (G.S10.E48)	0.186	45.99	0.048	80.76	0.098	126.75	EAST
in space: L4B South Perim Spc (G.S10) APT7							
L3 South Wall (G.E5.E19)	0.186	77.83	0.048	121.93	0.102	199.76	EAST
in space: L3B East Perim Spc (G.E5) APT1							
L4 South Wall (G.S10.E50)	0.186	15.92	0.048	27.95	0.098	43.88	EAST
in space: L4B South Perim Spc (G.S10) APT7							
L4 South Wall (G.S10.E52)	0.186	44.22	0.048	77.65	0.098	121.88	EAST
in space: L4B South Perim Spc (G.S10) APT7							
L2 South Wall (G.S10.E42)	0.186	77.83	0.048	204.43	0.086	282.26	EAST
in space: L2B South Perim Spc (G.S10) APT6							

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L4 South Wall (G.S10.E54)	0.186	15.92	0.048	27.95	0.098	43.88	EAST
in space: L4B South Perim Spc (G.S10) APT7							
L4 South Wall (G.S10.E56)	0.186	45.99	0.048	80.76	0.098	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)	0.186	15.92	0.048	27.95	0.098	43.88	EAST
in space: L4B South Perim Spc (G.S10) APT7							
L4 South Wall (G.S10.E60)	0.186	45.99	0.048	80.76	0.098	126.75	EAST
in space: L4B South Perim Spc (G.S10) APT7							
L1 South Wall (G.SW26.E35) $X	0.000	0.00	0.048	54.24	0.048	54.24	EAST
in space: L1A SW Perim Spc (G.SW26) ELEC							
L4 South Wall (G.S10.E62)	0.186	15.92	0.048	27.95	0.098	43.88	EAST
in space: L4B South Perim Spc (G.S10) APT7							
L4 South Wall (G.S10.E64)	0.186	44.22	0.048	77.65	0.098	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	0.048	163.44	0.048	163.44	EAST
in space: L3B West Perim Spc (G.W6) APT1							
L2 South Wall (G.S10.E44)	0.186	21.23	0.048	55.75	0.086	76.98	EAST
in space: L2B South Perim Spc (G.S10) APT6							
L4 South Wall (G.NW17.E70)	0.186	12.38	0.048	21.74	0.098	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)	0.186	15.92	0.048	24.94	0.102	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)	0.186	83.14	0.048	145.98	0.098	229.12	EAST
in space: L4B East Perim Spc (G.E19) APT1							
L3 South Wall (G.E9.E32)	0.186	51.30	0.048	80.36	0.102	131.66	EAST
in space: L3B East Perim Spc (G.E9) APT1							
L2 South Wall (G.S10.E45)	0.186	35.38	0.048	92.92	0.086	128.30	EAST
in space: L2B South Perim Spc (G.S10) APT6							
L4 South Wall (G.W21.E96)	0.186	17.69	0.048	31.06	0.098	48.75	EAST
in space: L4A West Perim Spc (G.W21) APT4							
L4 South Wall (G.W21.E100)	0.186	17.69	0.048	31.06	0.098	48.75	EAST
in space: L4A West Perim Spc (G.W21) APT4							
L4 South Wall (G.SW22.E105)	0.186	90.22	0.048	158.41	0.098	248.62	EAST
in space: L4A SW Perim Spc (G.SW22) APT1							
L4 South Wall (G.SW22.E107)	0.186	26.53	0.048	46.59	0.098	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)	0.186	77.83	0.048	136.67	0.098	214.50	EAST
in space: L4A South Perim Spc (G.S24) APT3							
L4 South Wall (G.S24.E111)	0.186	159.21	0.048	279.54	0.098	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)	0.186	7.08	0.048	11.08	0.102	18.16	EAST
in space: L3B South Perim Spc (G.S10) APT7							

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L2 South Wall (G.SSW12.E47)	0.373	99.03	0.048	80.59	0.227	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)	0.186	77.83	0.048	136.67	0.098	214.50	EAST
in space: L5B East Perim Spc (G.E5) APT1							
L3 South Wall (G.S10.E38)	0.186	12.38	0.048	19.40	0.102	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	0.048	175.50	0.048	175.50	EAST
in space: L5B West Perim Spc (G.W6) APT1							
L3 South Wall (G.S10.E40)	0.186	45.99	0.048	72.05	0.102	118.04	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L5 South Wall (G.E9.E30)	0.186	15.92	0.048	27.95	0.098	43.88	EAST
in space: L5B East Perim Spc (G.E9) APT1							
L5 South Wall (G.E9.E32)	0.186	51.30	0.048	90.08	0.098	141.38	EAST
in space: L5B East Perim Spc (G.E9) APT1							
L1 South Wall (G.WNW27.E38)	0.000	0.00	0.048	135.60	0.048	135.60	EAST
in space: L1A WNW Perim Spc (G.WNW27) APT1							
L5 South Wall (G.S10.E36)	0.186	7.08	0.048	12.42	0.098	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)	0.186	12.38	0.048	21.74	0.098	34.12	EAST
in space: L5B South Perim Spc (G.S10) APT7							
L5 South Wall (G.S10.E40)	0.186	45.99	0.048	80.76	0.098	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)	0.186	15.92	0.048	27.95	0.098	43.88	EAST
in space: L5B South Perim Spc (G.S10) APT7							
L5 South Wall (G.S10.E44)	0.186	45.99	0.048	80.76	0.098	126.75	EAST
in space: L5B South Perim Spc (G.S10) APT7							
L3 South Wall (G.S10.E42)	0.186	15.92	0.048	24.94	0.102	40.86	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L5 South Wall (G.S10.E46)	0.186	15.92	0.048	27.95	0.098	43.88	EAST
in space: L5B South Perim Spc (G.S10) APT7							
L5 South Wall (G.S10.E48)	0.186	45.99	0.048	80.76	0.098	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)	0.186	15.92	0.048	27.95	0.098	43.88	EAST
in space: L5B South Perim Spc (G.S10) APT7							
L5 South Wall (G.S10.E52)	0.186	44.22	0.048	77.65	0.098	121.88	EAST
in space: L5B South Perim Spc (G.S10) APT7							
L3 South Wall (G.S10.E44)	0.186	45.99	0.048	72.05	0.102	118.04	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L5 South Wall (G.S10.E54)	0.186	15.92	0.048	27.95	0.098	43.88	EAST
in space: L5B South Perim Spc (G.S10) APT7							
L5 South Wall (G.S10.E56)	0.186	45.99	0.048	80.76	0.098	126.75	EAST
in space: L5B South Perim Spc (G.S10) APT7							
L2 South Wall (G.SSW12.E50)	0.373	212.22	0.048	172.68	0.227	384.90	EAST
in space: L2B SSW Perim Spc (G.SSW12) LOB							
L5 South Wall (G.S10.E58)	0.186	15.92	0.048	27.95	0.098	43.88	EAST
in space: L5B South Perim Spc (G.S10) APT7							

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L5 South Wall (G.S10.E60)	0.186	45.99	0.048	80.76	0.098	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)	0.186	15.92	0.048	27.95	0.098	43.88	EAST
in space: L5B South Perim Spc (G.S10) APT7							
L5 South Wall (G.S10.E64)	0.186	44.22	0.048	77.65	0.098	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)	0.186	15.92	0.048	24.94	0.102	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)	0.186	45.99	0.048	72.05	0.102	118.04	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L5 South Wall (G.NW17.E70)	0.186	12.38	0.048	21.74	0.098	34.12	EAST
in space: L5A NW Perim Spc (G.NW17) APT1							
L2 South Wall (G.SSW12.E51)	0.373	35.37	0.048	28.78	0.227	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)	0.186	15.92	0.048	24.94	0.102	40.86	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L5 South Wall (G.E19.E88)	0.186	83.14	0.048	145.98	0.098	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)	0.186	44.22	0.048	69.28	0.102	113.50	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L5 South Wall (G.W21.E96)	0.186	17.69	0.048	31.06	0.098	48.75	EAST
in space: L5A West Perim Spc (G.W21) APT4							
L5 South Wall (G.W21.E100)	0.186	17.69	0.048	31.06	0.098	48.75	EAST
in space: L5A West Perim Spc (G.W21) APT4							
L5 South Wall (G.SW22.E105)	0.186	90.22	0.048	158.41	0.098	248.62	EAST
in space: L5A SW Perim Spc (G.SW22) APT1							
L5 South Wall (G.SW22.E107)	0.186	26.53	0.048	46.59	0.098	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)	0.186	77.83	0.048	136.67	0.098	214.50	EAST
in space: L5A South Perim Spc (G.S24) APT3							
L5 South Wall (G.S24.E111)	0.186	159.21	0.048	279.54	0.098	438.75	EAST
in space: L5A South Perim Spc (G.S24) APT3							
L2 South Wall (G.E5.E18)	0.186	77.83	0.048	204.43	0.086	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)	0.186	15.92	0.048	24.94	0.102	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)	0.186	45.99	0.048	72.05	0.102	118.04	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L6 South Wall (G.E5.E19)	0.186	77.83	0.048	136.67	0.098	214.50	EAST
in space: L6B East Perim Spc (G.E5) APT1							

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L1 South Wall (G.N28.E40) in space: L1A North Perim Spc (G.N28) APT3	0.000	0.00	0.048	307.36	0.048	307.36	EAST
L1 South Slab (G.N28.S41) in space: L1A North Perim Spc (G.N28) APT3	0.000	0.00	0.235	11.73	0.235	11.73	EAST
L6 South Wall (G.W6.E25) in space: L6B West Perim Spc (G.W6) APT1	0.000	0.00	0.048	175.50	0.048	175.50	EAST
L3 South Slab (G.S10.S58) in space: L3B South Perim Spc (G.S10) APT7	0.000	0.00	0.235	3.02	0.235	3.02	EAST
L6 South Wall (G.E9.E30) in space: L6B East Perim Spc (G.E9) APT1	0.186	15.92	0.048	27.95	0.098	43.88	EAST
L6 South Wall (G.E9.E32) in space: L6B East Perim Spc (G.E9) APT1	0.186	51.30	0.048	90.08	0.098	141.38	EAST
L3 South Wall (G.S10.E58) in space: L3B South Perim Spc (G.S10) APT7	0.186	15.92	0.048	24.94	0.102	40.86	EAST
L6 South Wall (G.S10.E36) in space: L6B South Perim Spc (G.S10) APT7	0.186	7.08	0.048	12.42	0.098	19.50	EAST
L3 South Slab (G.S10.S60) in space: L3B South Perim Spc (G.S10) APT7	0.000	0.00	0.235	8.71	0.235	8.71	EAST
L6 South Wall (G.S10.E38) in space: L6B South Perim Spc (G.S10) APT7	0.186	12.38	0.048	21.74	0.098	34.12	EAST
L6 South Wall (G.S10.E40) in space: L6B South Perim Spc (G.S10) APT7	0.186	45.99	0.048	80.76	0.098	126.75	EAST
L3 South Wall (G.S10.E60) in space: L3B South Perim Spc (G.S10) APT7	0.186	45.99	0.048	72.05	0.102	118.04	EAST
L6 South Wall (G.S10.E42) in space: L6B South Perim Spc (G.S10) APT7	0.186	15.92	0.048	27.95	0.098	43.88	EAST
L6 South Wall (G.S10.E44) in space: L6B South Perim Spc (G.S10) APT7	0.186	45.99	0.048	80.76	0.098	126.75	EAST
L1 South Wall (G.N28.E41) in space: L1A North Perim Spc (G.N28) APT3	0.000	0.00	0.048	158.20	0.048	158.20	EAST
L6 South Wall (G.S10.E46) in space: L6B South Perim Spc (G.S10) APT7	0.186	15.92	0.048	27.95	0.098	43.88	EAST
L6 South Wall (G.S10.E48) in space: L6B South Perim Spc (G.S10) APT7	0.186	45.99	0.048	80.76	0.098	126.75	EAST
L2 South Slab (G.WNW18.S56) in space: L2A WNW Perim Spc (G.WNW18) APT1	0.000	0.00	0.235	21.44	0.235	21.44	EAST
L6 South Wall (G.S10.E50) in space: L6B South Perim Spc (G.S10) APT7	0.186	15.92	0.048	27.95	0.098	43.88	EAST
L6 South Wall (G.S10.E52) in space: L6B South Perim Spc (G.S10) APT7	0.186	44.22	0.048	77.65	0.098	121.88	EAST
L3 South Slab (G.S10.S62) in space: L3B South Perim Spc (G.S10) APT7	0.000	0.00	0.235	3.02	0.235	3.02	EAST
L6 South Wall (G.S10.E54) in space: L6B South Perim Spc (G.S10) APT7	0.186	15.92	0.048	27.95	0.098	43.88	EAST
L6 South Wall (G.S10.E56) in space: L6B South Perim Spc (G.S10) APT7	0.186	45.99	0.048	80.76	0.098	126.75	EAST
L3 South Wall (G.S10.E62) in space: L3B South Perim Spc (G.S10) APT7	0.186	15.92	0.048	24.94	0.102	40.86	EAST
L6 South Wall (G.S10.E58) in space: L6B South Perim Spc (G.S10) APT7	0.186	15.92	0.048	27.95	0.098	43.88	EAST
L6 South Wall (G.S10.E60) in space: L6B South Perim Spc (G.S10) APT7	0.186	45.99	0.048	80.76	0.098	126.75	EAST
L3 South Slab (G.S10.S64) in space: L3B South Perim Spc (G.S10) APT7	0.000	0.00	0.235	8.38	0.235	8.38	EAST
L6 South Wall (G.S10.E62) in space: L6B South Perim Spc (G.S10) APT7	0.186	15.92	0.048	27.95	0.098	43.88	EAST
L6 South Wall (G.S10.E64) in space: L6B South Perim Spc (G.S10) APT7	0.186	44.22	0.048	77.65	0.098	121.88	EAST

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L3 South Wall (G.S10.E64)	0.186	44.22	0.048	69.28	0.102	113.50	EAST
in space: L3B South Perim Spc (G.S10) APT7							
L2 South Wall (G.WNW18.E56)	0.000	0.00	0.048	410.56	0.048	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)	0.186	83.14	0.048	145.98	0.098	229.12	EAST
in space: L6B East Perim Spc (G.E19) APT1							
L2 South Wall (G.W6.E24)	0.000	0.00	0.048	230.94	0.048	230.94	EAST
in space: L2B West Perim Spc (G.W6) APT1							
L6 South Wall (G.W21.E78)	0.186	17.69	0.048	31.06	0.098	48.75	EAST
in space: L6A West Perim Spc (G.W21) APT4							
L6 South Wall (G.W21.E82)	0.186	17.69	0.048	31.06	0.098	48.75	EAST
in space: L6A West Perim Spc (G.W21) APT4							
L6 South Wall (G.SW22.E87)	0.186	90.22	0.048	158.41	0.098	248.62	EAST
in space: L6A SW Perim Spc (G.SW22) APT1							
L6 South Wall (G.SW22.E89)	0.186	26.53	0.048	46.59	0.098	73.12	EAST
in space: L6A SW Perim Spc (G.SW22) APT1							
L1 South Wall (G.E6.E5)	0.186	56.61	0.048	88.03	0.102	144.64	EAST
in space: L1B East Perim Spc (G.E6) APT1							
L6 South Wall (G.S24.E92)	0.186	77.83	0.048	136.67	0.098	214.50	EAST
in space: L6A South Perim Spc (G.S24) APT3							
L6 South Wall (G.S24.E93)	0.186	159.21	0.048	279.54	0.098	438.75	EAST
in space: L6A South Perim Spc (G.S24) APT3							
L7 South Wall (G.N3.E1)	0.186	77.83	0.048	151.19	0.095	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)	0.186	77.83	0.048	151.19	0.095	229.02	EAST
in space: L7B East Perim Spc (G.E5) APT1							
L1 South Wall (G.E29.E44)	0.000	0.00	0.048	36.16	0.048	36.16	EAST
in space: L1B East Perim Spc (G.E29) APT1							
L7 South Wall (G.W6.E8)	0.000	0.00	0.048	187.38	0.048	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)	0.186	15.92	0.048	30.92	0.095	46.85	EAST
in space: L7B East Perim Spc (G.E9) APT1							
L7 South Wall (G.E9.E15)	0.186	51.30	0.048	99.65	0.095	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)	0.186	7.08	0.048	13.74	0.095	20.82	EAST
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L3 South Wall (G.NW17.E70)	0.186	12.38	0.048	19.40	0.102	31.78	EAST
in space: L3A NW Perim Spc (G.NW17) APT1							
L7 South Wall (G.SSW10.E20)	0.186	12.38	0.048	24.05	0.095	36.43	EAST
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 South Wall (G.SSW10.E22)	0.186	45.99	0.048	89.34	0.095	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)	0.186	15.92	0.048	30.92	0.095	46.85	EAST
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 South Wall (G.SSW10.E26)	0.186	45.99	0.048	89.34	0.095	135.33	EAST
in space: L7B SSW Perim Spc (G.SSW10) APT7							

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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)	0.186	15.92	0.048	30.92	0.095	46.85	EAST
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 South Wall (G.SSW10.E30)	0.186	45.99	0.048	89.34	0.095	135.33	EAST
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L2 South Wall (G.SW20.E73)	0.373	275.88	0.048	224.49	0.227	500.37	EAST
in space: L2A SW Perim Spc (G.SW20) RST							
L7 South Wall (G.SSW10.E32)	0.186	15.92	0.048	30.92	0.095	46.85	EAST
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 South Wall (G.SSW10.E34)	0.186	44.22	0.048	85.90	0.095	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)	0.186	15.92	0.048	30.92	0.095	46.85	EAST
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 South Wall (G.SSW10.E38)	0.186	45.99	0.048	89.34	0.095	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)	0.186	15.92	0.048	30.92	0.095	46.85	EAST
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 South Wall (G.SSW10.E42)	0.186	45.99	0.048	89.34	0.095	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)	0.186	15.92	0.048	30.92	0.095	46.85	EAST
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 South Wall (G.SSW10.E46)	0.186	44.22	0.048	85.90	0.095	130.12	EAST
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L2 South Wall (G.SW20.E75)	0.373	56.59	0.048	46.05	0.227	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)	0.186	90.22	0.048	175.24	0.095	265.45	EAST
in space: L7A SW Perim Spc (G.SW19) APT1							
L3 South Wall (G.E19.E88)	0.186	83.14	0.048	130.24	0.102	213.38	EAST
in space: L3B East Perim Spc (G.E19) APT1							
L2 South Wall (G.E23.E77)	0.186	83.14	0.048	218.36	0.086	301.51	EAST
in space: L2B East Perim Spc (G.E23) APT1							
L7 South Wall (G.SSE23.E60)	0.186	159.21	0.048	309.24	0.095	468.45	EAST
in space: L7A SSE Perim Spc (G.SSE23) APT2							
L2 South Wall (G.E9.E32)	0.186	63.68	0.048	167.26	0.086	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)	0.186	79.60	0.048	139.77	0.098	219.38	EAST
in space: L8A SW Perim Spc (G.SW9) APT1							
L2 South Wall (G.S10.E34)	0.186	74.30	0.048	195.13	0.086	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)	0.186	79.60	0.048	139.77	0.098	219.38	EAST
in space: L8A South Perim Spc (G.S13) APT1							
L8 South Wall (G.SE14.E25)	0.186	79.60	0.048	139.77	0.098	219.38	EAST
in space: L8A SE Perim Spc (G.SE14) APT1							

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L3 South Wall (G.W21.E96)	0.186	17.69	0.048	27.71	0.102	45.40	EAST
in space: L3A West Perim Spc (G.W21) APT4							
L5 West Wall (G.N4.E18)	0.186	16.41	0.048	32.34	0.094	48.75	SOUTH
in space: L5B North Perim Spc (G.N4) APT4							
L3 West Wall (G.NW17.E75)	0.186	100.12	0.048	176.82	0.098	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)	0.186	16.41	0.048	47.74	0.083	64.15	SOUTH
in space: L2A North Perim Spc (G.N19) APT2							
L5 West Wall (G.E5.E24)	0.186	16.41	0.048	32.34	0.094	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)	0.186	111.61	0.048	219.89	0.094	331.50	SOUTH
in space: L5B West Perim Spc (G.W6) APT1							
L5 West Wall (G.W7.E28)	0.186	49.24	0.048	97.01	0.094	146.25	SOUTH
in space: L5B West Perim Spc (G.W7) APT1							
L3 West Wall (G.N18.E79)	0.186	16.41	0.048	28.99	0.098	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)	0.186	6.57	0.048	12.93	0.094	19.50	SOUTH
in space: L5B East Perim Spc (G.E9) APT1							
L1 West Wall (G.W8.E11)	0.186	49.24	0.048	86.36	0.098	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)	0.186	26.26	0.048	51.74	0.094	78.00	SOUTH
in space: L5B South Perim Spc (G.S10) APT7							
L3 West Wall (G.N18.E83)	0.186	16.41	0.048	28.99	0.098	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)	0.186	6.57	0.048	11.59	0.098	18.16	SOUTH
in space: L3B East Perim Spc (G.E9) APT1							
L5 West Wall (G.S10.E39)	0.186	6.57	0.048	12.93	0.094	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)	0.186	16.41	0.048	28.99	0.098	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)	0.186	6.57	0.048	12.93	0.094	19.50	SOUTH
in space: L5B South Perim Spc (G.S10) APT7							
L2 West Wall (G.N19.E72)	0.186	16.41	0.048	47.74	0.083	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)	0.186	16.41	0.048	47.74	0.083	64.15	SOUTH
in space: L2B North Perim Spc (G.N4) APT4							
L5 West Wall (G.S10.E47)	0.186	6.57	0.048	12.93	0.094	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)	0.186	26.26	0.048	46.38	0.098	72.64	SOUTH
in space: L3B South Perim Spc (G.S10) APT7							

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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)	0.186	6.57	0.048	12.93	0.094	19.50	SOUTH
in space: L5B South Perim Spc (G.S10) APT7							
L3 West Wall (G.E19.E93)	0.186	16.41	0.048	28.99	0.098	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)	0.186	34.47	0.048	60.87	0.098	95.34	SOUTH
in space: L3A West Perim Spc (G.W21) APT4							
L5 West Wall (G.S10.E55)	0.186	6.57	0.048	12.93	0.094	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	0.048	63.28	0.048	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)	0.186	6.57	0.048	12.93	0.094	19.50	SOUTH
in space: L5B South Perim Spc (G.S10) APT7							
L3 West Wall (G.W21.E97)	0.186	32.83	0.048	57.97	0.098	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)	0.186	96.83	0.048	171.03	0.098	267.86	SOUTH
in space: L3A West Perim Spc (G.W21) APT4							
L5 West Wall (G.S10.E63)	0.186	6.57	0.048	12.93	0.094	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)	0.373	49.52	0.048	40.29	0.227	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)	0.186	31.18	0.048	55.08	0.098	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)	0.186	32.83	0.048	57.97	0.098	90.80	SOUTH
in space: L3A West Perim Spc (G.W21) APT4							
L5 West Wall (G.NW17.E71)	0.186	22.98	0.048	45.27	0.094	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)	0.186	100.12	0.048	197.26	0.094	297.38	SOUTH
in space: L5A NW Perim Spc (G.NW17) APT1							
L3 West Wall (G.W21.E104)	0.186	19.70	0.048	34.78	0.098	54.48	SOUTH
in space: L3A West Perim Spc (G.W21) APT4							
L5 West Wall (G.N18.E79)	0.186	16.41	0.048	32.34	0.094	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)	0.186	16.41	0.048	32.34	0.094	48.75	SOUTH
in space: L5A North Perim Spc (G.N18) APT3							
L2 West Wall (G.SW20.E76)	0.373	583.60	0.154	474.88	0.275	1058.47	SOUTH
in space: L2A SW Perim Spc (G.SW20) RST							
L5 West Wall (G.N18.E87)	0.186	16.41	0.048	32.34	0.094	48.75	SOUTH
in space: L5A North Perim Spc (G.N18) APT3							

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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)	0.186	22.98	0.048	40.58	0.098	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)	0.186	16.41	0.048	32.34	0.094	48.75	SOUTH
in space: L5B East Perim Spc (G.E19) APT1							
L5 West Wall (G.W21.E95)	0.186	34.47	0.048	67.91	0.094	102.38	SOUTH
in space: L5A West Perim Spc (G.W21) APT4							
L3 West Wall (G.S10.E39)	0.186	6.57	0.048	11.59	0.098	18.16	SOUTH
in space: L3B South Perim Spc (G.S10) APT7							
L5 West Wall (G.W21.E97)	0.186	32.83	0.048	64.67	0.094	97.50	SOUTH
in space: L5A West Perim Spc (G.W21) APT4							
L5 West Wall (G.W21.E99)	0.186	96.83	0.048	190.79	0.094	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)	0.186	31.18	0.048	61.44	0.094	92.62	SOUTH
in space: L5A West Perim Spc (G.W21) APT4							
L5 West Wall (G.W21.E103)	0.186	32.83	0.048	64.67	0.094	97.50	SOUTH
in space: L5A West Perim Spc (G.W21) APT4							
L5 West Wall (G.W21.E104)	0.186	19.70	0.048	38.80	0.094	58.50	SOUTH
in space: L5A West Perim Spc (G.W21) APT4							
L3 West Wall (G.SW22.E108)	0.186	88.63	0.048	156.53	0.098	245.16	SOUTH
in space: L3A SW Perim Spc (G.SW22) APT1							
L5 West Wall (G.SW22.E106)	0.186	22.98	0.048	45.27	0.094	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)	0.186	88.63	0.048	174.62	0.094	263.25	SOUTH
in space: L5A SW Perim Spc (G.SW22) APT1							
L2 West Wall (G.N4.E17)	0.186	16.41	0.048	47.74	0.083	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)	0.186	13.13	0.048	38.19	0.083	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)	0.186	60.73	0.048	106.51	0.098	167.24	SOUTH
in space: L1A WNW Perim Spc (G.WNW27) APT1							
L6 West Wall (G.N4.E6)	0.186	16.41	0.048	32.34	0.094	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)	0.186	16.41	0.048	32.34	0.094	48.75	SOUTH
in space: L6B North Perim Spc (G.N4) APT4							
L3 West Wall (G.S10.E43)	0.186	6.57	0.048	11.59	0.098	18.16	SOUTH
in space: L3B South Perim Spc (G.S10) APT7							
L6 West Wall (G.N4.E14)	0.186	16.41	0.048	32.34	0.094	48.75	SOUTH
in space: L6B North Perim Spc (G.N4) APT4							
L4 West Wall (G.N4.E6)	0.186	16.41	0.048	32.34	0.094	48.75	SOUTH
in space: L4B North Perim Spc (G.N4) APT4							
L6 West Wall (G.N4.E18)	0.186	16.41	0.048	32.34	0.094	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							

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L4 West Wall (G.N4.E10)	0.186	16.41	0.048	32.34	0.094	48.75	SOUTH
in space: L4B North Perim Spc (G.N4) APT4							
L2 West Wall (G.E23.E82)	0.186	16.41	0.048	47.74	0.083	64.15	SOUTH
in space: L2B East Perim Spc (G.E23) APT1							
L6 West Wall (G.E5.E24)	0.186	16.41	0.048	32.34	0.094	48.75	SOUTH
in space: L6B East Perim Spc (G.E5) APT1							
L4 West Wall (G.N4.E14)	0.186	16.41	0.048	32.34	0.094	48.75	SOUTH
in space: L4B North Perim Spc (G.N4) APT4							
L6 West Wall (G.W6.E27)	0.186	111.61	0.048	219.89	0.094	331.50	SOUTH
in space: L6B West Perim Spc (G.W6) APT1							
L6 West Wall (G.W7.E28)	0.186	49.24	0.048	97.01	0.094	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)	0.186	16.41	0.048	32.34	0.094	48.75	SOUTH
in space: L4B North Perim Spc (G.N4) APT4							
L6 West Wall (G.E9.E31)	0.186	6.57	0.048	12.93	0.094	19.50	SOUTH
in space: L6B East Perim Spc (G.E9) APT1							
L2 West Wall (G.NNW24.E84)	0.000	0.00	0.154	57.74	0.154	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)	0.186	26.26	0.048	51.74	0.094	78.00	SOUTH
in space: L6B South Perim Spc (G.S10) APT7							
L2 West Wall (G.NNW24.E85)	0.000	0.00	0.048	134.71	0.048	134.71	SOUTH
in space: L2A NNW Perim Spc (G.NNW24) STR							
L4 West Wall (G.E5.E24)	0.186	16.41	0.048	32.34	0.094	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)	0.186	6.57	0.048	12.93	0.094	19.50	SOUTH
in space: L6B South Perim Spc (G.S10) APT7							
L4 West Wall (G.W6.E27)	0.186	111.61	0.048	219.89	0.094	331.50	SOUTH
in space: L4B West Perim Spc (G.W6) APT1							
L4 West Wall (G.W7.E28)	0.186	49.24	0.048	97.01	0.094	146.25	SOUTH
in space: L4B West Perim Spc (G.W7) APT1							
L3 West Wall (G.S10.E47)	0.186	6.57	0.048	11.59	0.098	18.16	SOUTH
in space: L3B South Perim Spc (G.S10) APT7							
L6 West Wall (G.S10.E43)	0.186	6.57	0.048	12.93	0.094	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)	0.186	6.57	0.048	12.93	0.094	19.50	SOUTH
in space: L4B East Perim Spc (G.E9) APT1							
L2 West Wall (G.W25.E86)	0.000	0.00	0.048	166.79	0.048	166.79	SOUTH
in space: L2A West Perim Spc (G.W25) STO							
L6 West Wall (G.S10.E47)	0.186	6.57	0.048	12.93	0.094	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)	0.186	26.26	0.048	51.74	0.094	78.00	SOUTH
in space: L4B South Perim Spc (G.S10) APT7							
L2 West Wall (G.C26.E87)	0.000	0.00	0.154	76.98	0.154	76.98	SOUTH
in space: L2A Core Spc (G.C26) COR							
L6 West Wall (G.S10.E51)	0.186	6.57	0.048	12.93	0.094	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							

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L2 West Wall (G.N4.E5)	0.186	16.41	0.048	47.74	0.083	64.15	SOUTH
in space: L2B North Perim Spc (G.N4) APT4							
L4 West Wall (G.S10.E39)	0.186	6.57	0.048	12.93	0.094	19.50	SOUTH
in space: L4B South Perim Spc (G.S10) APT7							
L6 West Wall (G.S10.E55)	0.186	6.57	0.048	12.93	0.094	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)	0.186	6.57	0.048	11.59	0.098	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)	0.186	6.57	0.048	12.93	0.094	19.50	SOUTH
in space: L6B South Perim Spc (G.S10) APT7							
L4 West Wall (G.S10.E43)	0.186	6.57	0.048	12.93	0.094	19.50	SOUTH
in space: L4B South Perim Spc (G.S10) APT7							
L1 West Wall (G.W7.E10)	0.186	111.61	0.048	195.75	0.098	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)	0.186	6.57	0.048	12.93	0.094	19.50	SOUTH
in space: L6B South Perim Spc (G.S10) APT7							
L2 West Wall (G.S10.E37)	0.186	13.13	0.048	38.19	0.083	51.32	SOUTH
in space: L2B South Perim Spc (G.S10) APT6							
L4 West Wall (G.S10.E47)	0.186	6.57	0.048	12.93	0.094	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)	0.186	16.41	0.048	28.99	0.098	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)	0.186	106.68	0.048	210.19	0.094	316.88	SOUTH
in space: L6A NW Perim Spc (G.NW17) APT1							
L4 West Wall (G.S10.E51)	0.186	6.57	0.048	12.93	0.094	19.50	SOUTH
in space: L4B South Perim Spc (G.S10) APT7							
L3 West Wall (G.S10.E55)	0.186	6.57	0.048	11.59	0.098	18.16	SOUTH
in space: L3B South Perim Spc (G.S10) APT7							
L6 West Wall (G.W21.E77)	0.186	34.47	0.048	67.91	0.094	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)	0.186	32.83	0.048	64.67	0.094	97.50	SOUTH
in space: L6A West Perim Spc (G.W21) APT4							
L6 West Wall (G.W21.E81)	0.186	96.83	0.048	190.79	0.094	287.62	SOUTH
in space: L6A West Perim Spc (G.W21) APT4							
L2 West Wall (G.E5.E23)	0.186	16.41	0.048	47.74	0.083	64.15	SOUTH
in space: L2B East Perim Spc (G.E5) APT1							
L6 West Wall (G.W21.E83)	0.186	31.18	0.048	61.44	0.094	92.62	SOUTH
in space: L6A West Perim Spc (G.W21) APT4							
L6 West Wall (G.W21.E85)	0.186	32.83	0.048	64.67	0.094	97.50	SOUTH
in space: L6A West Perim Spc (G.W21) APT4							
L6 West Wall (G.W21.E86)	0.186	19.70	0.048	38.80	0.094	58.50	SOUTH
in space: L6A West Perim Spc (G.W21) APT4							
L4 West Wall (G.S10.E55)	0.186	6.57	0.048	12.93	0.094	19.50	SOUTH
in space: L4B South Perim Spc (G.S10) APT7							
L6 West Wall (G.SW22.E88)	0.186	22.98	0.048	45.27	0.094	68.25	SOUTH
in space: L6A SW Perim Spc (G.SW22) APT1							

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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)	0.186	88.63	0.048	174.62	0.094	263.25	SOUTH
in space: L6A SW Perim Spc (G.SW22) APT1							
L3 West Wall (G.N4.E10)	0.186	16.41	0.048	28.99	0.098	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)	0.186	6.57	0.048	12.93	0.094	19.50	SOUTH
in space: L4B South Perim Spc (G.S10) APT7							
L2 West Wall (G.N4.E9)	0.186	16.41	0.048	47.74	0.083	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)	0.186	6.57	0.048	11.59	0.098	18.16	SOUTH
in space: L3B South Perim Spc (G.S10) APT7							
L4 West Wall (G.S10.E63)	0.186	6.57	0.048	12.93	0.094	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)	0.186	111.61	0.048	242.33	0.091	353.94	SOUTH
in space: L7B West Perim Spc (G.W6) APT1							
L7 West Wall (G.W7.E11)	0.186	49.24	0.048	106.91	0.091	156.15	SOUTH
in space: L7B West Perim Spc (G.W7) APT1							
L3 West Wall (G.N4.E14)	0.186	16.41	0.048	28.99	0.098	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)	0.186	6.57	0.048	14.25	0.091	20.82	SOUTH
in space: L7B East Perim Spc (G.E9) APT1							
L2 West Wall (G.W6.E26)	0.186	111.61	0.048	324.61	0.083	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)	0.186	16.41	0.048	28.99	0.098	45.40	SOUTH
in space: L3B North Perim Spc (G.N4) APT4							
L4 West Wall (G.NW17.E71)	0.186	22.98	0.048	45.27	0.094	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)	0.186	6.57	0.048	14.25	0.091	20.82	SOUTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L4 West Wall (G.NW17.E75)	0.186	100.12	0.048	197.26	0.094	297.38	SOUTH
in space: L4A NW Perim Spc (G.NW17) APT1							
L3 West Wall (G.S10.E63)	0.186	6.57	0.048	11.59	0.098	18.16	SOUTH
in space: L3B South Perim Spc (G.S10) APT7							
L4 West Wall (G.N18.E79)	0.186	16.41	0.048	32.34	0.094	48.75	SOUTH
in space: L4A North Perim Spc (G.N18) APT3							
L7 West Wall (G.SSW10.E25)	0.186	6.57	0.048	14.25	0.091	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)	0.186	16.41	0.048	32.34	0.094	48.75	SOUTH
in space: L4A North Perim Spc (G.N18) APT3							
L2 West Wall (G.WNW18.E60)	0.186	16.41	0.048	47.74	0.083	64.15	SOUTH
in space: L2A WNW Perim Spc (G.WNW18) APT1							
L7 West Wall (G.SSW10.E29)	0.186	6.57	0.048	14.25	0.091	20.82	SOUTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							

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L4 West Wall (G.N18.E87)	0.186	16.41	0.048	32.34	0.094	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)	0.186	13.13	0.048	38.19	0.083	51.32	SOUTH
in space: L2B South Perim Spc (G.S10) APT6							
L7 West Wall (G.SSW10.E33)	0.186	6.57	0.048	14.25	0.091	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)	0.186	16.41	0.048	32.34	0.094	48.75	SOUTH
in space: L4B East Perim Spc (G.E19) APT1							
L4 West Wall (G.W21.E95)	0.186	34.47	0.048	67.91	0.094	102.38	SOUTH
in space: L4A West Perim Spc (G.W21) APT4							
L7 West Wall (G.SSW10.E37)	0.186	6.57	0.048	14.25	0.091	20.82	SOUTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L2 West Wall (G.WNW18.E64)	0.186	100.12	0.048	291.20	0.083	391.32	SOUTH
in space: L2A WNW Perim Spc (G.WNW18) APT1							
L4 West Wall (G.W21.E97)	0.186	32.83	0.048	64.67	0.094	97.50	SOUTH
in space: L4A West Perim Spc (G.W21) APT4							
L4 West Wall (G.W21.E99)	0.186	96.83	0.048	190.79	0.094	287.62	SOUTH
in space: L4A West Perim Spc (G.W21) APT4							
L7 West Wall (G.SSW10.E41)	0.186	6.57	0.048	14.25	0.091	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)	0.186	31.18	0.048	61.44	0.094	92.62	SOUTH
in space: L4A West Perim Spc (G.W21) APT4							
L4 West Wall (G.W21.E103)	0.186	32.83	0.048	64.67	0.094	97.50	SOUTH
in space: L4A West Perim Spc (G.W21) APT4							
L7 West Wall (G.SSW10.E45)	0.186	6.57	0.048	14.25	0.091	20.82	SOUTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L4 West Wall (G.W21.E104)	0.186	19.70	0.048	38.80	0.094	58.50	SOUTH
in space: L4A West Perim Spc (G.W21) APT4							
L3 West Wall (G.E5.E24)	0.186	16.41	0.048	28.99	0.098	45.40	SOUTH
in space: L3B East Perim Spc (G.E5) APT1							
L7 West Wall (G.SSW10.E48)	0.186	108.32	0.048	235.21	0.091	343.53	SOUTH
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L4 West Wall (G.SW22.E106)	0.186	22.98	0.048	45.27	0.094	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)	0.186	118.17	0.048	256.59	0.091	374.76	SOUTH
in space: L7A West Perim Spc (G.W18) APT2							
L4 West Wall (G.SW22.E108)	0.186	88.63	0.048	174.62	0.094	263.25	SOUTH
in space: L4A SW Perim Spc (G.SW22) APT1							
L7 West Wall (G.SW19.E53)	0.186	111.61	0.048	242.33	0.091	353.94	SOUTH
in space: L7A SW Perim Spc (G.SW19) APT1							
L7 West Wall (G.NW21.E55)	0.186	222.83	0.048	105.09	0.142	327.92	SOUTH
in space: L7A NW Perim Spc (G.NW21) AMN							
L2 West Wall (G.W7.E27)	0.186	49.24	0.048	143.21	0.083	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)	0.186	111.61	0.048	197.11	0.098	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							

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L3 West Wall (G.NW17.E71)	0.186	22.98	0.048	40.58	0.098	63.56	SOUTH
in space: L3A NW Perim Spc (G.NW17) APT1							
L8 West Wall (G.W8.E10)	0.186	118.17	0.048	232.83	0.094	351.00	SOUTH
in space: L8A West Perim Spc (G.W8) APT2							
L5 West Wall (G.N4.E6)	0.186	16.41	0.048	32.34	0.094	48.75	SOUTH
in space: L5B North Perim Spc (G.N4) APT4							
L8 West Wall (G.SW9.E13)	0.186	96.83	0.048	190.79	0.094	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)	0.186	105.04	0.048	206.96	0.094	312.00	SOUTH
in space: L8A NW Perim Spc (G.NW11) APT1							
L5 West Wall (G.N4.E10)	0.186	16.41	0.048	32.34	0.094	48.75	SOUTH
in space: L5B North Perim Spc (G.N4) APT4							
L3 West Wall (G.W7.E28)	0.186	49.24	0.048	86.96	0.098	136.20	SOUTH
in space: L3B West Perim Spc (G.W7) APT1							
L5 West Wall (G.N4.E14)	0.186	16.41	0.048	32.34	0.094	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)	0.186	72.01	0.048	108.79	0.103	180.80	WEST
in space: L1B East Perim Spc (G.E6) APT1							
P1 North Wall (B.NE14.U17)	0.186	72.01	0.048	127.99	0.097	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)	0.186	46.80	0.048	119.99	0.087	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)	0.186	147.61	0.048	252.14	0.099	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)	0.186	12.60	0.048	21.52	0.099	34.12	WEST
in space: L5A East Perim Spc (G.E13) APT4							
L4 North Wall (G.N4.E3)	0.186	36.00	0.048	61.50	0.099	97.50	WEST
in space: L4B North Perim Spc (G.N4) APT4							
L2 North Wall (G.E23.E79)	0.186	27.00	0.048	69.22	0.087	96.22	WEST
in space: L2B East Perim Spc (G.E23) APT1							
L4 North Wall (G.N4.E5)	0.186	46.80	0.048	79.95	0.099	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)	0.186	25.20	0.048	43.05	0.099	68.25	WEST
in space: L5A NW Perim Spc (G.NW17) APT1							
L4 North Wall (G.N4.E7)	0.186	36.00	0.048	61.50	0.099	97.50	WEST
in space: L4B North Perim Spc (G.N4) APT4							
L5 North Wall (G.NW17.E74)	0.186	68.41	0.048	116.84	0.099	185.25	WEST
in space: L5A NW Perim Spc (G.NW17) APT1							
L2 North Wall (G.N4.E14)	0.186	36.00	0.048	92.30	0.087	128.30	WEST
in space: L2B North Perim Spc (G.N4) APT4							
L5 North Wall (G.N18.E76)	0.186	23.40	0.048	39.97	0.099	63.38	WEST
in space: L5A North Perim Spc (G.N18) APT3							
L4 North Wall (G.N4.E9)	0.186	46.80	0.048	79.95	0.099	126.75	WEST
in space: L4B North Perim Spc (G.N4) APT4							

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L5 North Wall (G.N18.E78)	0.186	39.60	0.048	67.65	0.099	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)	0.186	23.40	0.048	39.97	0.099	63.38	WEST
in space: L5A North Perim Spc (G.N18) APT3							
L4 North Wall (G.N4.E11)	0.186	36.00	0.048	61.50	0.099	97.50	WEST
in space: L4B North Perim Spc (G.N4) APT4							
L5 North Wall (G.N18.E82)	0.186	37.80	0.048	64.57	0.099	102.38	WEST
in space: L5A North Perim Spc (G.N18) APT3							
L2 North Wall (G.E23.E81)	0.186	39.60	0.048	101.53	0.087	141.13	WEST
in space: L2B East Perim Spc (G.E23) APT1							
L5 North Wall (G.N18.E84)	0.186	23.40	0.048	39.97	0.099	63.38	WEST
in space: L5A North Perim Spc (G.N18) APT3							
L4 North Wall (G.N4.E13)	0.186	46.80	0.048	79.95	0.099	126.75	WEST
in space: L4B North Perim Spc (G.N4) APT4							
L5 North Wall (G.N18.E86)	0.186	39.60	0.048	67.65	0.099	107.25	WEST
in space: L5A North Perim Spc (G.N18) APT3							
L1 North Wall (G.WNW27.E39)	0.186	75.61	0.048	114.23	0.103	189.84	WEST
in space: L1A WNW Perim Spc (G.WNW27) APT1							
L4 North Wall (G.N4.E15)	0.186	36.00	0.048	61.50	0.099	97.50	WEST
in space: L4B North Perim Spc (G.N4) APT4							
L1 North Wall (G.S17.E24)	0.373	265.27	0.048	73.73	0.302	339.00	WEST
in space: L1A South Perim Spc (G.S17) LOB							
L5 North Wall (G.E19.E90)	0.186	27.00	0.048	46.12	0.099	73.12	WEST
in space: L5B East Perim Spc (G.E19) APT1							
L4 North Wall (G.N4.E17)	0.186	46.80	0.048	79.95	0.099	126.75	WEST
in space: L4B North Perim Spc (G.N4) APT4							
L5 North Wall (G.E19.E92)	0.186	39.60	0.048	67.65	0.099	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)	0.186	18.00	0.048	30.75	0.099	48.75	WEST
in space: L5A West Perim Spc (G.W21) APT4							
L2 North Wall (G.NNW24.E83)	0.000	0.00	0.048	333.58	0.048	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)	0.186	46.80	0.048	79.95	0.099	126.75	WEST
in space: L4B East Perim Spc (G.E5) APT1							
L5 North Wall (G.W21.E98)	0.186	18.00	0.048	30.75	0.099	48.75	WEST
in space: L5A West Perim Spc (G.W21) APT4							
L2 North Wall (G.N4.E16)	0.186	46.80	0.048	119.99	0.087	166.79	WEST
in space: L2B North Perim Spc (G.N4) APT4							
L4 North Wall (G.E5.E23)	0.186	46.80	0.048	79.95	0.099	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)	0.186	18.00	0.048	30.75	0.099	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)	0.186	81.01	0.048	138.37	0.099	219.38	WEST
in space: L4B West Perim Spc (G.W6) APT1							
L1 North Wall (G.W7.E9)	0.186	81.01	0.048	122.39	0.103	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							

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L1 North Wall (G.N28.E42)	0.186	187.22	0.048	282.86	0.103	470.08	WEST
in space: L1A North Perim Spc (G.N28) APT3							
L1 North Wall (G.C4.E3)	0.186	12.60	0.048	19.04	0.103	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)	0.186	147.61	0.048	252.14	0.099	399.75	WEST
in space: L6B North Perim Spc (G.N3) COR							
L4 North Wall (G.E9.E34)	0.186	79.21	0.048	135.29	0.099	214.50	WEST
in space: L4B East Perim Spc (G.E9) APT1							
L6 North Wall (G.N4.E3)	0.186	36.00	0.048	61.50	0.099	97.50	WEST
in space: L6B North Perim Spc (G.N4) APT4							
L3 North Wall (G.N3.E1)	0.186	147.61	0.048	224.67	0.103	372.28	WEST
in space: L3B North Perim Spc (G.N3) COR							
L6 North Wall (G.N4.E5)	0.186	46.80	0.048	79.95	0.099	126.75	WEST
in space: L6B North Perim Spc (G.N4) APT4							
L2 North Wall (G.SSW12.E48)	0.373	265.27	0.048	215.85	0.227	481.12	WEST
in space: L2B SSW Perim Spc (G.SSW12) LOB							
L6 North Wall (G.N4.E7)	0.186	36.00	0.048	61.50	0.099	97.50	WEST
in space: L6B North Perim Spc (G.N4) APT4							
L2 North Wall (G.E5.E20)	0.186	46.80	0.048	119.99	0.087	166.79	WEST
in space: L2B East Perim Spc (G.E5) APT1							
L6 North Wall (G.N4.E9)	0.186	46.80	0.048	79.95	0.099	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)	0.186	36.00	0.048	61.50	0.099	97.50	WEST
in space: L6B North Perim Spc (G.N4) APT4							
L3 North Wall (G.N4.E3)	0.186	36.00	0.048	54.80	0.103	90.80	WEST
in space: L3B North Perim Spc (G.N4) APT4							
L6 North Wall (G.N4.E13)	0.186	46.80	0.048	79.95	0.099	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)	0.186	36.00	0.048	61.50	0.099	97.50	WEST
in space: L6B North Perim Spc (G.N4) APT4							
L1 North Wall (G.N5.E4)	0.186	331.23	0.048	500.45	0.103	831.68	WEST
in space: L1B North Perim Spc (G.N5) APT4							
L6 North Wall (G.N4.E17)	0.186	46.80	0.048	79.95	0.099	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)	0.186	46.80	0.048	71.24	0.103	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)	0.186	46.80	0.048	79.95	0.099	126.75	WEST
in space: L6B East Perim Spc (G.E5) APT1							
L2 North Wall (G.E5.E22)	0.186	46.80	0.048	119.99	0.087	166.79	WEST
in space: L2B East Perim Spc (G.E5) APT1							
L6 North Wall (G.E5.E23)	0.186	46.80	0.048	79.95	0.099	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							

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L3 North Wall (G.N4.E7)	0.186	36.00	0.048	54.80	0.103	90.80	WEST
in space: L3B North Perim Spc (G.N4) APT4							
L6 North Wall (G.W6.E26)	0.186	81.01	0.048	138.37	0.099	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	0.048	144.64	0.048	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)	0.186	46.80	0.048	71.24	0.103	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)	0.186	79.21	0.048	135.29	0.099	214.50	WEST
in space: L6B East Perim Spc (G.E9) APT1							
L3 North Wall (G.N4.E11)	0.186	36.00	0.048	54.80	0.103	90.80	WEST
in space: L3B North Perim Spc (G.N4) APT4							
L2 North Wall (G.E14.E53)	0.186	12.60	0.048	32.30	0.087	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)	0.186	12.60	0.048	19.18	0.103	31.78	WEST
in space: L3A East Perim Spc (G.E13) APT4							
L3 North Wall (G.N4.E13)	0.186	46.80	0.048	71.24	0.103	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)	0.186	81.01	0.048	207.67	0.087	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)	0.186	36.00	0.048	54.80	0.103	90.80	WEST
in space: L3B North Perim Spc (G.N4) APT4							
L1 North Wall (G.E29.E46)	0.186	61.21	0.048	92.47	0.103	153.68	WEST
in space: L1B East Perim Spc (G.E29) APT1							
L4 North Wall (G.E13.E67)	0.186	12.60	0.048	21.52	0.099	34.12	WEST
in space: L4A East Perim Spc (G.E13) APT4							
L1 North Wall (G.NNE24.E29)	0.000	0.00	0.048	216.96	0.048	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)	0.186	25.20	0.048	38.36	0.103	63.56	WEST
in space: L3A NW Perim Spc (G.NW17) APT1							
L4 North Wall (G.NW17.E72)	0.186	25.20	0.048	43.05	0.099	68.25	WEST
in space: L4A NW Perim Spc (G.NW17) APT1							
L3 North Wall (G.N4.E17)	0.186	46.80	0.048	71.24	0.103	118.04	WEST
in space: L3B North Perim Spc (G.N4) APT4							

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L4 North Wall (G.NW17.E74)	0.186	68.41	0.048	116.84	0.099	185.25	WEST
in space: L4A NW Perim Spc (G.NW17) APT1							
P1 North Wall (B.N11.U14)	0.186	57.60	0.048	102.40	0.097	160.00	WEST
in space: P1B North Perim Spc (B.N11) APT1							
L4 North Wall (G.N18.E76)	0.186	23.40	0.048	39.97	0.099	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)	0.186	39.60	0.048	67.65	0.099	107.25	WEST
in space: L4A North Perim Spc (G.N18) APT3							
L3 North Wall (G.NW17.E74)	0.186	68.41	0.048	104.11	0.103	172.52	WEST
in space: L3A NW Perim Spc (G.NW17) APT1							
L4 North Wall (G.N18.E80)	0.186	23.40	0.048	39.97	0.099	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)	0.186	37.80	0.048	64.57	0.099	102.38	WEST
in space: L4A North Perim Spc (G.N18) APT3							
L2 North Wall (G.WNW18.E57)	0.186	23.40	0.048	59.99	0.087	83.39	WEST
in space: L2A WNW Perim Spc (G.WNW18) APT1							
L4 North Wall (G.N18.E84)	0.186	23.40	0.048	39.97	0.099	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)	0.186	39.60	0.048	67.65	0.099	107.25	WEST
in space: L4A North Perim Spc (G.N18) APT3							
L6 North Wall (G.E13.E67)	0.186	12.60	0.048	21.52	0.099	34.12	WEST
in space: L6A East Perim Spc (G.E13) APT4							
L3 North Wall (G.N18.E76)	0.186	23.40	0.048	35.62	0.103	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)	0.186	12.60	0.048	32.30	0.087	44.90	WEST
in space: L2B Core Spc (G.C3) COR							
L6 North Wall (G.NW17.E71)	0.186	81.01	0.048	138.37	0.099	219.38	WEST
in space: L6A NW Perim Spc (G.NW17) APT1							
L6 North Wall (G.N18.E72)	0.186	187.22	0.048	319.78	0.099	507.00	WEST
in space: L6A North Perim Spc (G.N18) APT3							
L4 North Wall (G.E19.E90)	0.186	27.00	0.048	46.12	0.099	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)	0.186	66.61	0.048	113.77	0.099	180.38	WEST
in space: L6B East Perim Spc (G.E19) APT1							
L6 North Wall (G.W21.E76)	0.186	18.00	0.048	30.75	0.099	48.75	WEST
in space: L6A West Perim Spc (G.W21) APT4							
L4 North Wall (G.E19.E92)	0.186	39.60	0.048	67.65	0.099	107.25	WEST
in space: L4B East Perim Spc (G.E19) APT1							
L3 North Wall (G.N18.E78)	0.186	39.60	0.048	60.28	0.103	99.88	WEST
in space: L3A North Perim Spc (G.N18) APT3							
L4 North Wall (G.W21.E94)	0.186	18.00	0.048	30.75	0.099	48.75	WEST
in space: L4A West Perim Spc (G.W21) APT4							
L6 North Wall (G.W21.E80)	0.186	18.00	0.048	30.75	0.099	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							

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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)	0.186	18.00	0.048	30.75	0.099	48.75	WEST
in space: L6A West Perim Spc (G.W21) APT4							
L4 North Wall (G.W21.E98)	0.186	18.00	0.048	30.75	0.099	48.75	WEST
in space: L4A West Perim Spc (G.W21) APT4							
L3 North Wall (G.N18.E80)	0.186	23.40	0.048	35.62	0.103	59.02	WEST
in space: L3A North Perim Spc (G.N18) APT3							
L3 North Wall (G.E5.E21)	0.186	46.80	0.048	71.24	0.103	118.04	WEST
in space: L3B East Perim Spc (G.E5) APT1							
L2 North Wall (G.WNW18.E59)	0.186	39.60	0.048	101.53	0.087	141.13	WEST
in space: L2A WNW Perim Spc (G.WNW18) APT1							
L4 North Wall (G.W21.E102)	0.186	18.00	0.048	30.75	0.099	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)	0.186	37.80	0.048	57.54	0.103	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)	0.186	147.61	0.048	279.20	0.096	426.81	WEST
in space: L7B North Perim Spc (G.N3) COR							
L3 North Wall (G.N18.E84)	0.186	23.40	0.048	35.62	0.103	59.02	WEST
in space: L3A North Perim Spc (G.N18) APT3							
L7 North Wall (G.N4.E4)	0.186	331.23	0.048	626.49	0.096	957.72	WEST
in space: L7B North Perim Spc (G.N4) APT4							
L3 North Wall (G.E5.E23)	0.186	46.80	0.048	71.24	0.103	118.04	WEST
in space: L3B East Perim Spc (G.E5) APT1							
L2 North Wall (G.N4.E2)	0.186	36.00	0.048	92.30	0.087	128.30	WEST
in space: L2B North Perim Spc (G.N4) APT4							
L7 North Wall (G.E5.E7)	0.186	93.61	0.048	177.05	0.096	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)	0.186	81.01	0.048	153.22	0.096	234.22	WEST
in space: L7B West Perim Spc (G.W6) APT1							
L5 North Wall (G.N3.E1)	0.186	147.61	0.048	252.14	0.099	399.75	WEST
in space: L5B North Perim Spc (G.N3) COR							
L3 North Wall (G.N18.E86)	0.186	39.60	0.048	60.28	0.103	99.88	WEST
in space: L3A North Perim Spc (G.N18) APT3							
L5 North Wall (G.N4.E3)	0.186	36.00	0.048	61.50	0.099	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)	0.186	46.80	0.048	79.95	0.099	126.75	WEST
in space: L5B North Perim Spc (G.N4) APT4							
L2 North Wall (G.WNW18.E61)	0.186	25.20	0.048	64.61	0.087	89.81	WEST
in space: L2A WNW Perim Spc (G.WNW18) APT1							
L5 North Wall (G.N4.E7)	0.186	36.00	0.048	61.50	0.099	97.50	WEST
in space: L5B North Perim Spc (G.N4) APT4							
L7 North Wall (G.E9.E17)	0.186	79.21	0.048	149.81	0.096	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							

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L5 North Wall (G.N4.E9)	0.186	46.80	0.048	79.95	0.099	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)	0.186	36.00	0.048	61.50	0.099	97.50	WEST
in space: L5B North Perim Spc (G.N4) APT4							
L3 North Wall (G.W6.E26)	0.186	81.01	0.048	123.29	0.103	204.30	WEST
in space: L3B West Perim Spc (G.W6) APT1							
L5 North Wall (G.N4.E13)	0.186	46.80	0.048	79.95	0.099	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)	0.186	36.00	0.048	61.50	0.099	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)	0.186	46.80	0.048	79.95	0.099	126.75	WEST
in space: L5B North Perim Spc (G.N4) APT4							
L3 North Wall (G.E19.E90)	0.186	27.00	0.048	41.10	0.103	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)	0.186	68.41	0.048	175.36	0.087	243.77	WEST
in space: L2A WNW Perim Spc (G.WNW18) APT1							
L5 North Wall (G.E5.E21)	0.186	46.80	0.048	79.95	0.099	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)	0.186	46.80	0.048	79.95	0.099	126.75	WEST
in space: L5B East Perim Spc (G.E5) APT1							
L3 North Wall (G.E19.E92)	0.186	39.60	0.048	60.28	0.103	99.88	WEST
in space: L3B East Perim Spc (G.E19) APT1							
L2 North Wall (G.E9.E30)	0.186	75.61	0.048	193.82	0.087	269.43	WEST
in space: L2B East Perim Spc (G.E9) APT1							
L5 North Wall (G.W6.E26)	0.186	81.01	0.048	138.37	0.099	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)	0.186	18.00	0.048	27.40	0.103	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)	0.186	23.40	0.048	59.99	0.087	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)	0.186	46.80	0.048	119.99	0.087	166.79	WEST
in space: L2B North Perim Spc (G.N4) APT4							
L5 North Wall (G.E9.E34)	0.186	79.21	0.048	135.29	0.099	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)	0.186	39.60	0.048	101.53	0.087	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							

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L3 North Wall (G.W21.E98)	0.186	18.00	0.048	27.40	0.103	45.40	WEST
in space: L3A West Perim Spc (G.W21) APT4							
L1 North Wall (G.WNW25.E34) $X	0.000	0.00	0.048	167.24	0.048	167.24	WEST
in space: L1A WNW Perim Spc (G.WNW25) STO							
L1 North Wall (G.C1.E1)	0.000	0.00	0.048	76.84	0.048	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)	0.186	79.21	0.048	120.55	0.103	199.76	WEST
in space: L3B East Perim Spc (G.E9) APT1							
L7 North Wall (G.C20.E54)	0.186	41.40	0.048	78.31	0.096	119.71	WEST
in space: L7A Core Spc (G.C20) COR							
L2 North Wall (G.N19.E69)	0.186	23.40	0.048	59.99	0.087	83.39	WEST
in space: L2A North Perim Spc (G.N19) APT2							
L7 North Wall (G.NW21.E56)	0.186	194.53	0.048	91.74	0.142	286.27	WEST
in space: L7A NW Perim Spc (G.NW21) AMN							
L7 North Wall (G.NE22.E57)	0.186	222.83	0.048	105.09	0.142	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)	0.186	18.00	0.048	27.40	0.103	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)	0.186	36.00	0.048	92.30	0.087	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)	0.186	37.80	0.048	96.91	0.087	134.71	WEST
in space: L2A North Perim Spc (G.N19) APT2							
P1 North Wall (B.N13.U15)	0.186	306.03	0.048	543.97	0.097	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)	0.186	46.80	0.048	119.99	0.087	166.79	WEST
in space: L2B North Perim Spc (G.N4) APT4							
L8 North Wall (G.NW11.E18)	0.186	118.81	0.048	202.94	0.099	321.75	WEST
in space: L8A NW Perim Spc (G.NW11) APT1							
L8 North Wall (G.NE12.E20)	0.186	124.21	0.048	212.16	0.099	336.38	WEST
in space: L8A NE Perim Spc (G.NE12) APT1							
L1 North Wall (G.E10.E14)	0.186	75.61	0.048	114.23	0.103	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)	0.186	36.00	0.048	92.30	0.087	128.30	WEST
in space: L2B North Perim Spc (G.N4) APT4							
L2 Flr (G.E14) 1	0.000	0.00	0.033	236.00	0.033	236.00	FLOOR
in space: L2A East Perim Spc (G.E14) APT3							
L2 Flr (G.E14) 2	0.000	0.00	0.033	297.00	0.033	297.00	FLOOR
in space: L2A East Perim Spc (G.E14) APT3							
L1 Flr (G.WNW25.I109) $X	0.000	0.00	0.033	1431.25	0.033	1431.25	FLOOR
in space: L1A WNW Perim Spc (G.WNW25) STO							

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L1 Flr (G.E9.I50)	0.000	0.00	0.033	713.50	0.033	713.50	FLOOR
in space: L1B East Perim Spc (G.E9) APT1							
L2 Flr (G.NNW24) 1	0.000	0.00	0.033	13.50	0.033	13.50	FLOOR
in space: L2A NNW Perim Spc (G.NNW24) STR							
L2 Flr (G.NNW24) 2	0.000	0.00	0.033	42.00	0.033	42.00	FLOOR
in space: L2A NNW Perim Spc (G.NNW24) STR							
P1 Flr (B.NNE9.I35) $X	0.000	0.00	0.033	3916.00	0.033	3916.00	FLOOR
in space: P1B NNE Perim Spc (B.NNE9) PKG							
L1 Flr (G.SW26.I112)	0.000	0.00	0.033	42.00	0.033	42.00	FLOOR
in space: L1A SW Perim Spc (G.SW26) ELEC							
L3 Flr (G.SW22) 1	0.000	0.00	0.033	52.50	0.033	52.50	FLOOR
in space: L3A SW Perim Spc (G.SW22) APT1							
L3 Flr (G.C23) 1	0.000	0.00	0.033	33.00	0.033	33.00	FLOOR
in space: L3A Core Spc (G.C23) COR							
L2 Flr (G.W25) 1	0.000	0.00	0.033	52.00	0.033	52.00	FLOOR
in space: L2A West Perim Spc (G.W25) STO							
P1 Flr (B.ENE10.I44)	0.000	0.00	0.033	271.50	0.033	271.50	FLOOR
in space: P1B ENE Perim Spc (B.ENE10) MECH							
L3 Flr (G.E9) 1	0.000	0.00	0.033	231.00	0.033	231.00	FLOOR
in space: L3B East Perim Spc (G.E9) APT1							
L1 Flr (G.E10.I52)	0.000	0.00	0.033	519.00	0.033	519.00	FLOOR
in space: L1B East Perim Spc (G.E10) APT1							
L2 Flr (G.C26) 1	0.000	0.00	0.033	18.00	0.033	18.00	FLOOR
in space: L2A Core Spc (G.C26) COR							
L2 Flr (G.C26) 2	0.000	0.00	0.033	231.00	0.033	231.00	FLOOR
in space: L2A Core Spc (G.C26) COR							
L3 Flr (G.S24) 1	0.000	0.00	0.033	591.75	0.033	591.75	FLOOR
in space: L3A South Perim Spc (G.S24) APT3							
L2 Flr (G.C26) 3	0.000	0.00	0.033	38.50	0.033	38.50	FLOOR
in space: L2A Core Spc (G.C26) COR							
L1 Flr (G.N5.I41)	0.000	0.00	0.033	2580.00	0.033	2580.00	FLOOR
in space: L1B North Perim Spc (G.N5) APT4							
P1 Flr (B.N11.I45)	0.000	0.00	0.033	464.00	0.033	464.00	FLOOR
in space: P1B North Perim Spc (B.N11) APT1							
L1 Flr (G.SW26) 1	0.000	0.00	0.033	42.00	0.033	42.00	FLOOR
in space: L1A SW Perim Spc (G.SW26) ELEC							
L3 Flr (G.NW17) 1	0.000	0.00	0.033	157.50	0.033	157.50	FLOOR
in space: L3A NW Perim Spc (G.NW17) APT1							
L1 Flr (G.WNW27.I113)	0.000	0.00	0.033	493.50	0.033	493.50	FLOOR
in space: L1A WNW Perim Spc (G.WNW27) APT1							
P1 Flr (B.C1.I1)	0.000	0.00	0.033	170.00	0.033	170.00	FLOOR
in space: P1A Core Spc (B.C1) STR							
L1 Flr (G.E6.I43)	0.000	0.00	0.033	668.00	0.033	668.00	FLOOR
in space: L1B East Perim Spc (G.E6) APT1							
P1 Flr (B.C12.I47)	0.000	0.00	0.033	460.00	0.033	460.00	FLOOR
in space: P1B Core Spc (B.C12) COR							
L1 Flr (G.S11.I53)	0.000	0.00	0.033	1978.00	0.033	1978.00	FLOOR
in space: L1B South Perim Spc (G.S11) APT5							
P1 Flr (B.N13.I52)	0.000	0.00	0.033	2465.00	0.033	2465.00	FLOOR
in space: P1B North Perim Spc (B.N13) APT4							
L1 Flr (G.C12.I58)	0.000	0.00	0.033	82.50	0.033	82.50	FLOOR
in space: L1B Core Spc (G.C12) ELEC							
L1 Flr (G.WNW27) 1	0.000	0.00	0.033	493.50	0.033	493.50	FLOOR
in space: L1A WNW Perim Spc (G.WNW27) APT1							
L1 Flr (G.N28.I117)	0.000	0.00	0.033	1326.00	0.033	1326.00	FLOOR
in space: L1A North Perim Spc (G.N28) APT3							
L2 Flr (G.WNW18) 1	0.000	0.00	0.033	222.50	0.033	222.50	FLOOR
in space: L2A WNW Perim Spc (G.WNW18) APT1							

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L2 Flr (G.WNW18) 2	0.000	0.00	0.033	11.25	0.033	11.25	FLOOR
in space: L2A WNW Perim Spc (G.WNW18) APT1							
L2 Flr (G.WNW18) 3	0.000	0.00	0.033	55.00	0.033	55.00	FLOOR
in space: L2A WNW Perim Spc (G.WNW18) APT1							
L1 Flr (G.SSW13.I59)	0.000	0.00	0.033	437.50	0.033	437.50	FLOOR
in space: L1B SSW Perim Spc (G.SSW13) CONF							
L1 Flr (G.C14.I62)	0.000	0.00	0.033	367.50	0.033	367.50	FLOOR
in space: L1B Core Spc (G.C14) OFF							
L1 Flr (G.SSW15.I63)	0.000	0.00	0.033	1300.50	0.033	1300.50	FLOOR
in space: L1A SSW Perim Spc (G.SSW15) FIT							
L1 Flr (G.C16.I67)	0.000	0.00	0.033	218.50	0.033	218.50	FLOOR
in space: L1A Core Spc (G.C16) RR							
L1 Flr (G.S17.I68)	0.000	0.00	0.033	1541.00	0.033	1541.00	FLOOR
in space: L1A South Perim Spc (G.S17) LOB							
P1 Flr (B.C2.I2)	0.000	0.00	0.033	161.50	0.033	161.50	FLOOR
in space: P1A Core Spc (B.C2) ELV							
L2 Flr (G.N4) 1	0.000	0.00	0.033	65.00	0.033	65.00	FLOOR
in space: L2B North Perim Spc (G.N4) APT4							
L2 Flr (G.N4) 2	0.000	0.00	0.033	65.00	0.033	65.00	FLOOR
in space: L2B North Perim Spc (G.N4) APT4							
L2 Flr (G.N4) 3	0.000	0.00	0.033	65.00	0.033	65.00	FLOOR
in space: L2B North Perim Spc (G.N4) APT4							
L2 Flr (G.N4) 4	0.000	0.00	0.033	65.00	0.033	65.00	FLOOR
in space: L2B North Perim Spc (G.N4) APT4							
L1 Flr (G.N28) 1	0.000	0.00	0.033	1326.00	0.033	1326.00	FLOOR
in space: L1A North Perim Spc (G.N28) APT3							
L1 Flr (G.E29.I120)	0.000	0.00	0.033	429.50	0.033	429.50	FLOOR
in space: L1B East Perim Spc (G.E29) APT1							
P1 Flr (B.NE14.I53)	0.000	0.00	0.033	705.00	0.033	705.00	FLOOR
in space: P1B NE Perim Spc (B.NE14) APT1							
P1 Flr (B.C3.I4)	0.000	0.00	0.033	237.50	0.033	237.50	FLOOR
in space: P1A Core Spc (B.C3) COR							
P1 Flr (B.C4.I5)	0.000	0.00	0.033	241.50	0.033	241.50	FLOOR
in space: P1B Core Spc (B.C4) STR							
L2 Flr (G.S10) 1	0.000	0.00	0.033	84.00	0.033	84.00	FLOOR
in space: L2B South Perim Spc (G.S10) APT6							
L2 Flr (G.N19) 1	0.000	0.00	0.033	55.00	0.033	55.00	FLOOR
in space: L2A North Perim Spc (G.N19) APT2							
L2 Flr (G.N19) 2	0.000	0.00	0.033	52.50	0.033	52.50	FLOOR
in space: L2A North Perim Spc (G.N19) APT2							
L2 Flr (G.N19) 3	0.000	0.00	0.033	24.75	0.033	24.75	FLOOR
in space: L2A North Perim Spc (G.N19) APT2							
L2 Flr (G.N19) 4	0.000	0.00	0.033	26.25	0.033	26.25	FLOOR
in space: L2A North Perim Spc (G.N19) APT2							
L2 Flr (G.S10) 2	0.000	0.00	0.033	88.00	0.033	88.00	FLOOR
in space: L2B South Perim Spc (G.S10) APT6							
L2 Flr (G.S10) 3	0.000	0.00	0.033	88.00	0.033	88.00	FLOOR
in space: L2B South Perim Spc (G.S10) APT6							
L1 Flr (G.E18.I83)	0.000	0.00	0.033	38.25	0.033	38.25	FLOOR
in space: L1A East Perim Spc (G.E18) GSHF							
L1 Flr (G.W7.I47)	0.000	0.00	0.033	765.00	0.033	765.00	FLOOR
in space: L1B West Perim Spc (G.W7) APT1							
L1 Flr (G.C1.I1)	0.000	0.00	0.033	556.75	0.033	556.75	FLOOR
in space: L1A Core Spc (G.C1) STR							
L1 Flr (G.E19.I84)	0.000	0.00	0.033	1033.75	0.033	1033.75	FLOOR
in space: L1A East Perim Spc (G.E19) APT2							
P1 Flr (B.SE5.I6) $X	0.000	0.00	0.033	238.00	0.033	238.00	FLOOR
in space: P1B SE Perim Spc (B.SE5) MECH							

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P1 Flr (B.S6.I7) $X	0.000	0.00	0.033	12847.50	0.033	12847.50	FLOOR
in space: P1B South Perim Spc (B.S6) PKG							
L2 Flr (G.SW20) 1	0.000	0.00	0.033	63.00	0.033	63.00	FLOOR
in space: L2A SW Perim Spc (G.SW20) RST							
L1 Flr (G.C20.I94)	0.000	0.00	0.033	27.00	0.033	27.00	FLOOR
in space: L1A Core Spc (G.C20) TSHF							
L2 Flr (G.E5) 1	0.000	0.00	0.033	284.00	0.033	284.00	FLOOR
in space: L2B East Perim Spc (G.E5) APT1							
L2 Flr (G.E5) 2	0.000	0.00	0.033	65.00	0.033	65.00	FLOOR
in space: L2B East Perim Spc (G.E5) APT1							
L1 Flr (G.E29) 1	0.000	0.00	0.033	429.50	0.033	429.50	FLOOR
in space: L1B East Perim Spc (G.E29) APT1							
L1 Flr (G.C21.I97)	0.000	0.00	0.033	54.00	0.033	54.00	FLOOR
in space: L1A Core Spc (G.C21) COR							
L1 Flr (G.C22.I101)	0.000	0.00	0.033	244.00	0.033	244.00	FLOOR
in space: L1A Core Spc (G.C22) COR							
L1 Flr (G.C23.I106)	0.000	0.00	0.033	65.00	0.033	65.00	FLOOR
in space: L1A Core Spc (G.C23) ELEC							
L1 Flr (G.NNE24.I107)	0.000	0.00	0.033	749.25	0.033	749.25	FLOOR
in space: L1A NNE Perim Spc (G.NNE24) APT1							
L1 Flr (G.C2.I12)	0.000	0.00	0.033	161.50	0.033	161.50	FLOOR
in space: L1A Core Spc (G.C2) ELV							
L1 Flr (G.C3.I14)	0.000	0.00	0.033	500.00	0.033	500.00	FLOOR
in space: L1B Core Spc (G.C3) STR							
P1 Flr (B.W7.I30) $X	0.000	0.00	0.033	2435.00	0.033	2435.00	FLOOR
in space: P1A West Perim Spc (B.W7) TRSH							
L1 Flr (G.W8.I49)	0.000	0.00	0.033	654.50	0.033	654.50	FLOOR
in space: L1B West Perim Spc (G.W8) APT1							
L2 Flr (G.E23) 1	0.000	0.00	0.033	229.50	0.033	229.50	FLOOR
in space: L2B East Perim Spc (G.E23) APT1							
L8 Flr (G.NW11) 1	0.000	0.00	0.033	16.50	0.033	16.50	FLOOR
in space: L8A NW Perim Spc (G.NW11) APT1							
L2 Flr (G.E23) 2	0.000	0.00	0.033	55.00	0.033	55.00	FLOOR
in space: L2B East Perim Spc (G.E23) APT1							
L3 Flr (G.S10) 1	0.000	0.00	0.033	914.50	0.033	914.50	FLOOR
in space: L3B South Perim Spc (G.S10) APT7							
L8 Flr (G.NE12) 1	0.000	0.00	0.033	17.25	0.033	17.25	FLOOR
in space: L8A NE Perim Spc (G.NE12) APT1							
P1 Flr (B.NNW8.I34) $X	0.000	0.00	0.033	1150.00	0.033	1150.00	FLOOR
in space: P1A NNW Perim Spc (B.NNW8) MECH							
L1 Flr (G.C4.I23)	0.000	0.00	0.033	869.00	0.033	869.00	FLOOR
in space: L1B Core Spc (G.C4) COR							
L3 Flr (G.W21) 1	0.000	0.00	0.033	867.75	0.033	867.75	FLOOR
in space: L3A West Perim Spc (G.W21) APT4							
P1 Roof (B.NNW8) 1	0.000	0.00	0.017	1150.00	0.017	1150.00	ROOF
in space: P1A NNW Perim Spc (B.NNW8) MECH							
L1 Roof (G.SSW15) 1	0.000	0.00	0.017	319.00	0.017	319.00	ROOF
in space: L1A SSW Perim Spc (G.SSW15) FIT							
P1 Roof (B.S6) 2	0.000	0.00	0.017	412.00	0.017	412.00	ROOF
in space: P1B South Perim Spc (B.S6) PKG							
L7 Roof (G.E5) 1	0.000	0.00	0.017	919.00	0.017	919.00	ROOF
in space: L7B East Perim Spc (G.E5) APT1							
L6 Roof (G.E19) 1	0.000	0.00	0.017	659.00	0.017	659.00	ROOF
in space: L6B East Perim Spc (G.E19) APT1							
P1 Roof (B.NNE9) 1	0.000	0.00	0.017	2027.75	0.017	2027.75	ROOF
in space: P1B NNE Perim Spc (B.NNE9) PKG							
L5 Roof (G.E19) 1	0.000	0.00	0.017	55.00	0.017	55.00	ROOF
in space: L5B East Perim Spc (G.E19) APT1							

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L7 Roof (G.W6) 1	0.000	0.00	0.017	765.00	0.017	765.00	ROOF
in space: L7B West Perim Spc (G.W6) APT1							
P1 Roof (B.NE14) 1	0.000	0.00	0.017	80.00	0.017	80.00	ROOF
in space: P1B NE Perim Spc (B.NE14) APT1							
L7 Roof (G.W7) 1	0.000	0.00	0.017	654.50	0.017	654.50	ROOF
in space: L7B West Perim Spc (G.W7) APT1							
P1 Roof (B.NNE9) 2	0.000	0.00	0.017	345.00	0.017	345.00	ROOF
in space: P1B NNE Perim Spc (B.NNE9) PKG							
L7 Roof (G.SSW10) 1	0.000	0.00	0.017	3981.50	0.017	3981.50	ROOF
in space: L7B SSW Perim Spc (G.SSW10) APT7							
L7 Roof (G.C11) 1	0.000	0.00	0.017	57.75	0.017	57.75	ROOF
in space: L7B Core Spc (G.C11) ELEC							
L7 Roof (G.E8) 1	0.000	0.00	0.017	628.50	0.017	628.50	ROOF
in space: L7B East Perim Spc (G.E8) APT1							
L6 Roof (G.N4) 1	0.000	0.00	0.017	65.00	0.017	65.00	ROOF
in space: L6B North Perim Spc (G.N4) APT4							
L6 Roof (G.N4) 2	0.000	0.00	0.017	65.00	0.017	65.00	ROOF
in space: L6B North Perim Spc (G.N4) APT4							
L7 Roof (G.W18) 1	0.000	0.00	0.017	108.00	0.017	108.00	ROOF
in space: L7A West Perim Spc (G.W18) APT2							
L6 Roof (G.N4) 3	0.000	0.00	0.017	65.00	0.017	65.00	ROOF
in space: L6B North Perim Spc (G.N4) APT4							
L6 Roof (G.N4) 4	0.000	0.00	0.017	65.00	0.017	65.00	ROOF
in space: L6B North Perim Spc (G.N4) APT4							
L7 Roof (G.SW19) 1	0.000	0.00	0.017	203.25	0.017	203.25	ROOF
in space: L7A SW Perim Spc (G.SW19) APT1							
L1 Roof (G.WNW25) 1	0.000	0.00	0.017	357.50	0.017	357.50	ROOF
in space: L1A WNW Perim Spc (G.WNW25) STO							
L7 Roof (G.E9) 1	0.000	0.00	0.017	789.00	0.017	789.00	ROOF
in space: L7B East Perim Spc (G.E9) APT1							
P1 Roof (B.S6) 3	0.000	0.00	0.017	776.00	0.017	776.00	ROOF
in space: P1B South Perim Spc (B.S6) PKG							
L7 Roof (G.NW21) 1	0.000	0.00	0.017	94.50	0.017	94.50	ROOF
in space: L7A NW Perim Spc (G.NW21) AMN							
P1 Roof (B.ENE10) 1	0.000	0.00	0.017	271.50	0.017	271.50	ROOF
in space: P1B ENE Perim Spc (B.ENE10) MECH							
L6 Roof (G.W21) 1	0.000	0.00	0.017	678.75	0.017	678.75	ROOF
in space: L6A West Perim Spc (G.W21) APT4							
P1 Roof (B.SE5) 1	0.000	0.00	0.017	182.00	0.017	182.00	ROOF
in space: P1B SE Perim Spc (B.SE5) MECH							
P1 Roof (B.W7) 1	0.000	0.00	0.017	473.50	0.017	473.50	ROOF
in space: P1A West Perim Spc (B.W7) TRSH							
L7 Roof (G.SSE23) 1	0.000	0.00	0.017	202.50	0.017	202.50	ROOF
in space: L7A SSE Perim Spc (G.SSE23) APT2							
L8 Roof (G.C1.E1)	0.000	0.00	0.017	161.50	0.017	161.50	ROOF
in space: L8A Core Spc (G.C1) ELV							
L5 Roof (G.N18) 1	0.000	0.00	0.017	55.00	0.017	55.00	ROOF
in space: L5A North Perim Spc (G.N18) APT3							
L8 Roof (G.E2.E3)	0.000	0.00	0.017	38.25	0.017	38.25	ROOF
in space: L8A East Perim Spc (G.E2) GSHF							
L6 Roof (G.E5) 1	0.000	0.00	0.017	65.00	0.017	65.00	ROOF
in space: L6B East Perim Spc (G.E5) APT1							
L8 Roof (G.E3.E5)	0.000	0.00	0.017	956.75	0.017	956.75	ROOF
in space: L8A East Perim Spc (G.E3) APT2							
L8 Roof (G.C4.E6)	0.000	0.00	0.017	27.00	0.017	27.00	ROOF
in space: L8A Core Spc (G.C4) TSHF							
L8 Roof (G.C5.E7)	0.000	0.00	0.017	54.00	0.017	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	0.017	65.00	0.017	65.00	ROOF
in space: L8A Core Spc (G.C6) ELEC							
L8 Roof (G.C7.E9)	0.000	0.00	0.017	144.50	0.017	144.50	ROOF
in space: L8A Core Spc (G.C7) STR							
L6 Roof (G.SW22) 1	0.000	0.00	0.017	52.50	0.017	52.50	ROOF
in space: L6A SW Perim Spc (G.SW22) APT1							
L8 Roof (G.W8.E11)	0.000	0.00	0.017	891.00	0.017	891.00	ROOF
in space: L8A West Perim Spc (G.W8) APT2							
L6 Roof (G.C23) 1	0.000	0.00	0.017	276.25	0.017	276.25	ROOF
in space: L6A Core Spc (G.C23) COR							
L5 Roof (G.N18) 2	0.000	0.00	0.017	52.50	0.017	52.50	ROOF
in space: L5A North Perim Spc (G.N18) APT3							
L8 Roof (G.SW9.E14)	0.000	0.00	0.017	688.50	0.017	688.50	ROOF
in space: L8A SW Perim Spc (G.SW9) APT1							
L6 Roof (G.E13) 1	0.000	0.00	0.017	248.00	0.017	248.00	ROOF
in space: L6A East Perim Spc (G.E13) APT4							
L8 Roof (G.C10.E16)	0.000	0.00	0.017	749.50	0.017	749.50	ROOF
in space: L8A Core Spc (G.C10) COR							
L5 Roof (G.N18) 3	0.000	0.00	0.017	55.00	0.017	55.00	ROOF
in space: L5A North Perim Spc (G.N18) APT3							
L6 Roof (G.S24) 1	0.000	0.00	0.017	550.00	0.017	550.00	ROOF
in space: L6A South Perim Spc (G.S24) APT3							
L8 Roof (G.NW11.E19)	0.000	0.00	0.017	776.50	0.017	776.50	ROOF
in space: L8A NW Perim Spc (G.NW11) APT1							
L7 Roof (G.C2) 1	0.000	0.00	0.017	241.50	0.017	241.50	ROOF
in space: L7B Core Spc (G.C2) STR							
L5 Roof (G.NW17) 1	0.000	0.00	0.017	184.25	0.017	184.25	ROOF
in space: L5A NW Perim Spc (G.NW17) APT1							
L6 Roof (G.NW17) 1	0.000	0.00	0.017	731.25	0.017	731.25	ROOF
in space: L6A NW Perim Spc (G.NW17) APT1							
L8 Roof (G.NE12.E22)	0.000	0.00	0.017	948.75	0.017	948.75	ROOF
in space: L8A NE Perim Spc (G.NE12) APT1							
P1 Roof (B.S6) 1	0.000	0.00	0.017	2470.00	0.017	2470.00	ROOF
in space: P1B South Perim Spc (B.S6) PKG							
L7 Roof (G.N3) 1	0.000	0.00	0.017	1443.25	0.017	1443.25	ROOF
in space: L7B North Perim Spc (G.N3) COR							
L8 Roof (G.S13.E24)	0.000	0.00	0.017	540.00	0.017	540.00	ROOF
in space: L8A South Perim Spc (G.S13) APT1							
L6 Roof (G.N18) 1	0.000	0.00	0.017	1404.00	0.017	1404.00	ROOF
in space: L6A North Perim Spc (G.N18) APT3							
L7 Roof (G.N4) 1	0.000	0.00	0.017	2668.00	0.017	2668.00	ROOF
in space: L7B North Perim Spc (G.N4) APT4							
L8 Roof (G.SE14.E27)	0.000	0.00	0.017	540.00	0.017	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 - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	- - - - W A L L - - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	-W A L L + W I N D O W S- U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	AZIMUTH
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 - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	- - - - W A L L - - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	-W A L L + W I N D O W S- U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	AZIMUTH
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							

REPORT- LV-D Details of Exterior Surfaces WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

SURFACE	- - - W I N D O W S - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	- - - - W A L L - - - - U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	-W A L L + W I N D O W S- U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	AZIMUTH
L1 West Slab (G.WNW25.S33) $X in space: L1A WNW Perim Spc (G.WNW25) STO	0.000	0.00	0.500	21.77	0.500	21.77	UNDERGRND
L1 West Wall (G.WNW25.E33) $X in space: L1A WNW Perim Spc (G.WNW25) STO	0.000	0.00	0.500	293.80	0.500	293.80	UNDERGRND

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	0.191	0.054	0.082	3836.00	14621.93	18457.93
EAST	0.206	0.054	0.103	7176.42	15059.55	22235.99
SOUTH	0.206	0.060	0.109	5794.50	11557.55	17352.07
WEST	0.197	0.056	0.106	8825.36	16149.72	24975.07
FLOOR	0.000	0.033	0.033	0.00	53373.25	53373.25
ROOF	0.000	0.017	0.017	0.00	33528.25	33528.25
ALL WALLS	0.201	0.056	0.100	25632.38	57388.71	83021.05
WALLS+ROOFS	0.201	0.041	0.076	25632.38	90916.97	116549.30
UNDERGRND	0.000	0.497	0.497	0.00	42262.29	42262.29
BUILDING	0.201	0.142	0.149	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

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	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

Schedule: T24 Nonres Heating Ann Type of Schedule: TEMPERATURE

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
	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

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	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

Schedule: T24 Nonres 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
	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

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

(CONTINUED)

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.	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

(CONTINUED)

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

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

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
	1.00	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	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Schedule: T24 Nonres People 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	0.05	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

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	0.05	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

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	0.05	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

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 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
	0.00	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

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	0.10	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

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	0.10	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

Schedule: T24 Hotel Equipment 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	0.05	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

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

(CONTINUED)

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 Hotel Infiltration 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	0.00	0.00	0.00	0.00	0.00	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

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	0.35	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

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 Hotel Hot Water Ann Type of Schedule: FRACTION

THROUGH 31 12

(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
	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

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	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

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
	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: T24 Res no 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
	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

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
	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: T24 Res Lights 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
	0.10	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

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 Res Equipment 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
	0.10	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

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 Res Fans Ann Type of Schedule: ON/OFF

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.

Schedule: T24 Res Infiltration 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	1.00	1.00	1.00	1.00	1.00	1.00	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 People 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	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

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 Res Hot Water 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
	0.01	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

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	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

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	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	80.0	80.0

Schedule: T24 Retail Lights Ann Type of Schedule: FRACTION

THROUGH 31 12

(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
	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

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 Retail Equipment 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
	0.20	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

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 Retail Fans Ann Type of Schedule: ON/OFF

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.	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

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	0.00	0.00	0.00	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

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	0.15	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

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 Retail Hot Water 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
	0.00	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

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	0.05	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

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	0.20	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

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	0.20	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

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 Lighting Ann Type of Schedule: FRACTION

THROUGH 31 12

(CONTINUED)

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

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.	1.	1.	1.	1.	0.

Schedule: ASHRAE Assembly 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
	0.00	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

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	0.05	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

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	0.05	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

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	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

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	75.0	75.0	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	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

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	0.05	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

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	0.50	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

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	0.30	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

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 Health Lighting 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
	0.10	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

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	0.10	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	0.10

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

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 Health HVAC Ann Type of Schedule: ON/OFF

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.

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

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	0.02	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

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
	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 Health 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
	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 Homotel 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
	0.70	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

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
	0.90	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

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
	0.90	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

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 Homotel 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
	0.30	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

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	0.15	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

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	0.10	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

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 Homotel HVAC Ann Type of Schedule: ON/OFF

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.

Schedule: ASHRAE Homotel 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
	0.25	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

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	0.15	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

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	0.15	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

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
	0.55	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

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
	0.40	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

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
	0.44	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

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	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

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
	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

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	0.05	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

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	0.95	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

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	0.10	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

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 Lt Manf 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	0.05	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

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

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	0.10	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

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

(CONTINUED)

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 Lt Manf 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
	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.	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 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
	0.04	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

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	0.19	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

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

Schedule: ASHRAE Lt Manf 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

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

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	0.16	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 Lt Manf 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	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

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	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

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	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

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	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	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

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	0.05	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

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	0.95	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

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

FOR DAYS 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	0.00	0.00	0.00	0.00	0.00	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

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	0.05	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

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

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	0.10	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

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 Office 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
	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.	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 Office 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
	0.04	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

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	0.19	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

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

Schedule: ASHRAE Office Elevator Ann Type of Schedule: FRACTION

THROUGH 31 12

(CONTINUED)

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

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

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	0.16	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

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	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

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	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

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	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

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
	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	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 Restaurant 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
	0.20	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

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	0.05	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

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
	0.30	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

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 Restaurant 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
	0.20	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

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	0.40	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

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	0.15	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

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 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

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.	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

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
	0.25	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

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	0.15	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

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	0.15	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

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	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

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	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

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
	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

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
	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

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
	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

(CONTINUED)

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

(CONTINUED)

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	0.10	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

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 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
	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

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.	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.	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

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	0.05	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

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
	0.11	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

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	0.11	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

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	0.12	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

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	0.09	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

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	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

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	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

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	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

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	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	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

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

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	0.75	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

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	0.10	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

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 School 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	0.05	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

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	0.85	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

(CONTINUED)

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	0.05	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

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 School 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
	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.	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.	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

(CONTINUED)

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
	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.05	0.05	0.05	0.05	0.05	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03

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
	0.05	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

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
	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.05	0.05	0.05	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03

Schedule: ASHRAE School Elevator Ann Type of Schedule: FRACTION

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
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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

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	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Schedule: ASHRAE School 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	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

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	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

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	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0

Schedule: ASHRAE School Cooling 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
	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	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	95.0	95.0	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	95.0	95.0

Schedule: ASHRAE Warehouse 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	0.00	0.00	0.00	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

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

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	0.00	0.20	0.20	0.20	0.20	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00	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 Warehouse 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	0.05	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

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

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	0.05	0.08	0.24	0.24	0.24	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05

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 Warehouse 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
	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.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	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.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.

Schedule: ASHRAE Warehouse 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
	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.04	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02

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
	0.02	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

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
	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.06	0.12	0.12	0.17	0.04	0.04	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02

Schedule: ASHRAE Warehouse Elevator Ann Type of Schedule: FRACTION

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
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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

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	0.30	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Schedule: ASHRAE Warehouse 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	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

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	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	60.0

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
	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

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	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	95.0	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	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	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

Schedule: eQUEST Res Ltg Sch Type of Schedule: FRACTION

THROUGH 31 12

FOR DAYS SUN

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
	0.03	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

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	0.10	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

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

Schedule: eQUEST Res El Eqp Sch 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
	0.15	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

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	0.30	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

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	0.20	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

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	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

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	0.05	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

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: eQUEST Res Inf Sch Type of Schedule: MULTIPLIER

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
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	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

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
	1.50	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

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: eQUEST Retail Inf 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
	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	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

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.-999.		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

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	0.10	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

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
	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

(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
	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

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
	0.50	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

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.

Schedule: eQUEST Always On Sch Fraction 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	1.00	1.00	1.00	1.00	1.00	1.00	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

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

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

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.

Schedule: eQUEST Always Off Sch On/Off/Fla 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.	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

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.

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

THROUGH 31 12

(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
	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

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	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

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

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

(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
	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 5

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	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.80	0.80	0.70

THROUGH 30 6

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	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.80	0.80	0.70

THROUGH 31 7

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	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.80	0.80	0.70

THROUGH 31 8

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 9

(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
	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

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

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

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
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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

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

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

THROUGH 31 12

FOR DAYS SUN

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

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	0.00	**********														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	0.00	**********														0.00	0.00	0.00

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
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 School MinOA Sch Type of Schedule: FRAC/DESIGN

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
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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

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	**********																

Schedule: eQUEST Off Equipment Sch Type of Schedule: FRACTION

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
	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04

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
	0.12	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

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
	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

Schedule: EQUEST Conf 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	0.00	0.00	0.00	0.00	0.60	0.60	0.60	0.00	0.00	0.00	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	0.00	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

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	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60	0.60	0.00	0.00	0.00	0.00	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: EQUEST Conf Equip 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	0.15	0.15	0.15	0.15	0.15	0.15	0.90	0.90	0.90	0.15	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	0.15	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

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	0.15	0.15	0.15	0.15	0.15	0.15	0.90	0.90	0.90	0.15	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: EQUEST Conf 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	0.25	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

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	0.25	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

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	0.25	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

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: Storage Lighting 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	0.00	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

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: Freeze Protect Heat Sch 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
	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

(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
	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

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: NYES Residential 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
	0.02	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

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.

FOR DAYS 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.	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

(CONTINUED)

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	0.00	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

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

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

Schedule: No Cooling Sch 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
	100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0

Schedule: SCLRSCElecYear Type of Schedule: FLAG

THROUGH 31 1

(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
	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 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
	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

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
	1.1	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 30 4

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
	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5

THROUGH 31 5

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
	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4

THROUGH 30 6

(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
	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5

THROUGH 31 7

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
	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4

THROUGH 31 8

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
	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4

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
	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5

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
	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 30 11

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 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: SCLMDCElecYear 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
	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	1.2	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	1.2	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

(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
	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

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

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

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

(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
	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

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
	0.25	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

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	0.25	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	1.00

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
	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

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
	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

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.

Schedule: Res Amenity Occ Sch Type of Schedule: FRACTION

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
	0.00	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

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	0.50	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

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	0.50	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

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	0.05	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

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	0.50	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

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	0.05	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

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
	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

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
	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

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
	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

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
	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

Schedule: Res Amenity Fan Sch Type of Schedule: ON/OFF/FLAG

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.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	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.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	0.	0.	0.	0.

Schedule: RS-29 Res 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	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: RS-29 Res 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
	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

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
	0.25	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

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
	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

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	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

(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
	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

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

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

(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
	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 5

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	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.80	0.80	0.70

THROUGH 30 6

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	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.80	0.80	0.70

THROUGH 31 7

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	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.80	0.80	0.70

THROUGH 31 8

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 9

(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
	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

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

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

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	0.20	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

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	0.06	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

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

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

THROUGH 31 12

FOR DAYS SUN SAT HOL 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.	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.

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
	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

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
	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

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	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

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
	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

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
	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

(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
	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 30 4

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
	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0

THROUGH 31 5

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
	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0

THROUGH 30 6

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
	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	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0

THROUGH 31 7

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
	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0

THROUGH 30 8

(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
	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

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

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
	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

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	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

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
	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

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.

Schedule: Res Cooling_BadBOI 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
	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

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
	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

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	0.02	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

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	0.02	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

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	0.10	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

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	0.08	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

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	0.38	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

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
	0.28	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

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
	0.42	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
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

NUMBER OF WINDOWS 593

(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 X (FT)	Y (FT)	FRAME AREA (SQFT)	CURB	FRAME U-VALUE (BTU/HR-SQFT-F)	CURB
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	GLASS AREA (SQFT)	GLASS HEIGHT (FT)	GLASS WIDTH (FT)	LOCATION OF ORIGIN IN SURFACE COORDINATES X (FT)	Y (FT)	FRAME AREA (SQFT)	CURB	FRAME U-VALUE (BTU/HR-SQFT-F)	CURB
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 AREA (SQFT)	GLASS HEIGHT (FT)	GLASS WIDTH (FT)	LOCATION OF ORIGIN IN SURFACE COORDINATES X (FT)	Y (FT)	FRAME AREA (SQFT)	CURB	FRAME U-VALUE (BTU/HR-SQFT-F)	CURB
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 AREA (SQFT)	GLASS HEIGHT (FT)	GLASS WIDTH (FT)	LOCATION OF ORIGIN IN SURFACE COORDINATES X (FT)	Y (FT)	FRAME AREA (SQFT)	CURB	FRAME U-VALUE (BTU/HR-SQFT-F)	CURB
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

(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 X (FT)	Y (FT)	FRAME AREA (SQFT)	CURB	FRAME U-VALUE (BTU/HR-SQFT-F)	CURB
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

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 X (FT)	Y (FT)	FRAME AREA (SQFT)	CURB	FRAME U-VALUE (BTU/HR-SQFT-F)	CURB
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

(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 X (FT)	Y (FT)	FRAME AREA (SQFT)	CURB	FRAME U-VALUE (BTU/HR-SQFT-F)	CURB
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

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 X (FT)	Y (FT)	FRAME AREA (SQFT)	CURB	FRAME U-VALUE (BTU/HR-SQFT-F)	CURB
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 AREA (SQFT)	GLASS HEIGHT (FT)	GLASS WIDTH (FT)	LOCATION OF ORIGIN IN SURFACE COORDINATES X (FT)	Y (FT)	FRAME AREA (SQFT)	CURB	FRAME U-VALUE (BTU/HR-SQFT-F)	CURB
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	GLASS AREA (SQFT)	GLASS HEIGHT (FT)	GLASS WIDTH (FT)	LOCATION OF ORIGIN IN SURFACE COORDINATES X (FT)	Y (FT)	FRAME AREA (SQFT)	CURB	FRAME U-VALUE (BTU/HR-SQFT-F)	CURB
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

(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 X (FT)	Y (FT)	FRAME AREA (SQFT)	CURB	FRAME U-VALUE (BTU/HR-SQFT-F)	CURB
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 AREA (SQFT)	GLASS HEIGHT (FT)	GLASS WIDTH (FT)	LOCATION OF ORIGIN IN SURFACE COORDINATES X (FT)	Y (FT)	FRAME AREA (SQFT)	CURB AREA (SQFT)	FRAME U-VALUE (BTU/HR-SQFT-F)	CURB U-VALUE (BTU/HR-SQFT-F)
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	0.26	1	0.186	0.400	0.878	1.000
Window 592	0.00	0.26	1	0.186	0.400	0.878	1.000
Window 591	0.00	0.26	1	0.186	0.400	0.878	1.000
L1 North Win (G.C4.E3.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L1 North Win (G.N5.E4.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L1 South Win (G.E6.E5.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L1 East Win (G.E6.E6.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L1 North Win (G.E6.E7.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L1 North Win (G.W7.E9.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L1 West Win (G.W7.E10.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L1 West Win (G.W8.E11.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L1 East Win (G.E9.E12.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L1 East Win (G.E10.E13.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L1 North Win (G.E10.E14.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L1 South Win (G.E10.E15.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L1 South Win (G.S11.E16.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L1 North Win (G.S17.E24.W1)	0.00	0.39	1	0.373	0.609	0.878	1.000
L1 East Win (G.S17.E25.W1)	0.00	0.39	1	0.373	0.609	0.878	1.000
L1 East Win (G.E19.E27.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L1 East Win (G.NNE24.E30.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L1 West Win (G.WNW27.E37.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L1 North Win (G.WNW27.E39.W1)	0.00	0.26	1	0.186	0.400	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	0.26	1	0.186	0.400	0.878	1.000
L1 East Win (G.E29.E45.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L1 North Win (G.E29.E46.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 North Win (G.C3.E1.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 North Win (G.N4.E2.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 East Win (G.N4.E3.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 North Win (G.N4.E4.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 West Win (G.N4.E5.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 North Win (G.N4.E6.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 East Win (G.N4.E7.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 North Win (G.N4.E8.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 West Win (G.N4.E9.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 North Win (G.N4.E10.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 East Win (G.N4.E11.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 North Win (G.N4.E12.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 West Win (G.N4.E13.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 North Win (G.N4.E14.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 East Win (G.N4.E15.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 North Win (G.N4.E16.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 West Win (G.N4.E17.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 South Win (G.E5.E18.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 East Win (G.E5.E19.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 North Win (G.E5.E20.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 East Win (G.E5.E21.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 North Win (G.E5.E22.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 West Win (G.E5.E23.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 North Win (G.W6.E25.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 West Win (G.W6.E26.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 West Win (G.W7.E27.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 East Win (G.E8.E28.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 East Win (G.E9.E29.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 North Win (G.E9.E30.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 East Win (G.E9.E31.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 South Win (G.E9.E32.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 West Win (G.S10.E33.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 South Win (G.S10.E34.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 East Win (G.S10.E35.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 South Win (G.S10.E36.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 West Win (G.S10.E37.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 South Win (G.S10.E38.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 East Win (G.S10.E39.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 South Win (G.S10.E40.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 West Win (G.S10.E41.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 South Win (G.S10.E42.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 East Win (G.S10.E43.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 South Win (G.S10.E44.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 South Win (G.S10.E45.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 West Win (G.SSW12.E46.W1)	0.00	0.39	1	0.373	0.609	0.878	1.000
L2 South Win (G.SSW12.E47.W1)	0.00	0.39	1	0.373	0.609	0.878	1.000
L2 North Win (G.SSW12.E48.W1)	0.00	0.39	1	0.373	0.609	0.878	1.000
L2 East Win (G.SSW12.E49.W1)	0.00	0.39	1	0.373	0.609	0.878	1.000
L2 South Win (G.SSW12.E50.W1)	0.00	0.39	1	0.373	0.609	0.878	1.000
L2 South Win (G.SSW12.E51.W1)	0.00	0.39	1	0.373	0.609	0.878	1.000
L2 North Win (G.E14.E53.W1)	0.00	0.26	1	0.186	0.400	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	0.26	1	0.186	0.400	0.878	1.000
L2 East Win (G.E14.E55.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 North Win (G.WNW18.E57.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 East Win (G.WNW18.E58.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 North Win (G.WNW18.E59.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 West Win (G.WNW18.E60.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 North Win (G.WNW18.E61.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 East Win (G.WNW18.E62.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 North Win (G.WNW18.E63.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 West Win (G.WNW18.E64.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 North Win (G.N19.E65.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 East Win (G.N19.E66.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 North Win (G.N19.E67.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 West Win (G.N19.E68.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 North Win (G.N19.E69.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 East Win (G.N19.E70.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 North Win (G.N19.E71.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 West Win (G.N19.E72.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 South Win (G.SW20.E73.W1)	0.00	0.39	1	0.373	0.609	0.878	1.000
L2 East Win (G.SW20.E74.W1)	0.00	0.39	1	0.373	0.609	0.878	1.000
L2 South Win (G.SW20.E75.W1)	0.00	0.39	1	0.373	0.609	0.878	1.000
L2 West Win (G.SW20.E76.W1)	0.00	0.39	1	0.373	0.609	0.878	1.000
L2 South Win (G.E23.E77.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 East Win (G.E23.E78.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 North Win (G.E23.E79.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 East Win (G.E23.E80.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 North Win (G.E23.E81.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 West Win (G.E23.E82.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L2 South Win (G.S27.E88.W1)	0.00	0.39	1	0.373	0.609	0.878	1.000
L3 North Win (G.N3.E1.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 East Win (G.N3.E2.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 North Win (G.N4.E3.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 East Win (G.N4.E4.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 North Win (G.N4.E5.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.N4.E6.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 North Win (G.N4.E7.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 East Win (G.N4.E8.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 North Win (G.N4.E9.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.N4.E10.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 North Win (G.N4.E11.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 East Win (G.N4.E12.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 North Win (G.N4.E13.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.N4.E14.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 North Win (G.N4.E15.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 East Win (G.N4.E16.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 North Win (G.N4.E17.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.N4.E18.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 South Win (G.E5.E19.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 East Win (G.E5.E20.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 North Win (G.E5.E21.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 East Win (G.E5.E22.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 North Win (G.E5.E23.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.E5.E24.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 North Win (G.W6.E26.W1)	0.00	0.26	1	0.186	0.400	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	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.W7.E28.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 East Win (G.E8.E29.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 South Win (G.E9.E30.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.E9.E31.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 South Win (G.E9.E32.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 East Win (G.E9.E33.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 North Win (G.E9.E34.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.S10.E35.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 South Win (G.S10.E36.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 East Win (G.S10.E37.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 South Win (G.S10.E38.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.S10.E39.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 South Win (G.S10.E40.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 East Win (G.S10.E41.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 South Win (G.S10.E42.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.S10.E43.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 South Win (G.S10.E44.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 East Win (G.S10.E45.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 South Win (G.S10.E46.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.S10.E47.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 South Win (G.S10.E48.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 East Win (G.S10.E49.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 South Win (G.S10.E50.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.S10.E51.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 South Win (G.S10.E52.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 East Win (G.S10.E53.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 South Win (G.S10.E54.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.S10.E55.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 South Win (G.S10.E56.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 East Win (G.S10.E57.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 South Win (G.S10.E58.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.S10.E59.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 South Win (G.S10.E60.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 East Win (G.S10.E61.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 South Win (G.S10.E62.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.S10.E63.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 South Win (G.S10.E64.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 East Win (G.S10.E65.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 North Win (G.E13.E67.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 East Win (G.E13.E68.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 East Win (G.E13.E69.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 South Win (G.NW17.E70.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.NW17.E71.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 North Win (G.NW17.E72.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 East Win (G.NW17.E73.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 North Win (G.NW17.E74.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.NW17.E75.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 North Win (G.N18.E76.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 East Win (G.N18.E77.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 North Win (G.N18.E78.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.N18.E79.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 North Win (G.N18.E80.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 East Win (G.N18.E81.W1)	0.00	0.26	1	0.186	0.400	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	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.N18.E83.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 North Win (G.N18.E84.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 East Win (G.N18.E85.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 North Win (G.N18.E86.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.N18.E87.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 South Win (G.E19.E88.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 East Win (G.E19.E89.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 North Win (G.E19.E90.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 East Win (G.E19.E91.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 North Win (G.E19.E92.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.E19.E93.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 North Win (G.W21.E94.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.W21.E95.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 South Win (G.W21.E96.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.W21.E97.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 North Win (G.W21.E98.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.W21.E99.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 South Win (G.W21.E100.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.W21.E101.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 North Win (G.W21.E102.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.W21.E103.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.W21.E104.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 South Win (G.SW22.E105.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.SW22.E106.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 South Win (G.SW22.E107.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 West Win (G.SW22.E108.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 East Win (G.S24.E109.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 South Win (G.S24.E110.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L3 South Win (G.S24.E111.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 North Win (G.N3.E1.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 East Win (G.N3.E2.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 North Win (G.N4.E3.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 East Win (G.N4.E4.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 North Win (G.N4.E5.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.N4.E6.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 North Win (G.N4.E7.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 East Win (G.N4.E8.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 North Win (G.N4.E9.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.N4.E10.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 North Win (G.N4.E11.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 East Win (G.N4.E12.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 North Win (G.N4.E13.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.N4.E14.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 North Win (G.N4.E15.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 East Win (G.N4.E16.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 North Win (G.N4.E17.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.N4.E18.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 South Win (G.E5.E19.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 East Win (G.E5.E20.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 North Win (G.E5.E21.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 East Win (G.E5.E22.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 North Win (G.E5.E23.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.E5.E24.W1)	0.00	0.26	1	0.186	0.400	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	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.W6.E27.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.W7.E28.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 East Win (G.E8.E29.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 South Win (G.E9.E30.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.E9.E31.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 South Win (G.E9.E32.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 East Win (G.E9.E33.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 North Win (G.E9.E34.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.S10.E35.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 South Win (G.S10.E36.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 East Win (G.S10.E37.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 South Win (G.S10.E38.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.S10.E39.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 South Win (G.S10.E40.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 East Win (G.S10.E41.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 South Win (G.S10.E42.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.S10.E43.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 South Win (G.S10.E44.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 East Win (G.S10.E45.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 South Win (G.S10.E46.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.S10.E47.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 South Win (G.S10.E48.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 East Win (G.S10.E49.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 South Win (G.S10.E50.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.S10.E51.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 South Win (G.S10.E52.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 East Win (G.S10.E53.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 South Win (G.S10.E54.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.S10.E55.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 South Win (G.S10.E56.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 East Win (G.S10.E57.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 South Win (G.S10.E58.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.S10.E59.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 South Win (G.S10.E60.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 East Win (G.S10.E61.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 South Win (G.S10.E62.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.S10.E63.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 South Win (G.S10.E64.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 East Win (G.S10.E65.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 North Win (G.E13.E67.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 East Win (G.E13.E68.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 East Win (G.E13.E69.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 South Win (G.NW17.E70.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.NW17.E71.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 North Win (G.NW17.E72.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 East Win (G.NW17.E73.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 North Win (G.NW17.E74.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.NW17.E75.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 North Win (G.N18.E76.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 East Win (G.N18.E77.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 North Win (G.N18.E78.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.N18.E79.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 North Win (G.N18.E80.W1)	0.00	0.26	1	0.186	0.400	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	0.26	1	0.186	0.400	0.878	1.000
L4 North Win (G.N18.E82.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.N18.E83.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 North Win (G.N18.E84.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 East Win (G.N18.E85.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 North Win (G.N18.E86.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.N18.E87.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 South Win (G.E19.E88.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 East Win (G.E19.E89.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 North Win (G.E19.E90.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 East Win (G.E19.E91.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 North Win (G.E19.E92.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.E19.E93.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 North Win (G.W21.E94.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.W21.E95.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 South Win (G.W21.E96.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.W21.E97.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 North Win (G.W21.E98.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.W21.E99.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 South Win (G.W21.E100.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.W21.E101.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 North Win (G.W21.E102.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.W21.E103.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.W21.E104.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 South Win (G.SW22.E105.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.SW22.E106.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 South Win (G.SW22.E107.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 West Win (G.SW22.E108.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 East Win (G.S24.E109.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 South Win (G.S24.E110.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L4 South Win (G.S24.E111.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 North Win (G.N3.E1.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 East Win (G.N3.E2.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 North Win (G.N4.E3.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 East Win (G.N4.E4.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 North Win (G.N4.E5.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.N4.E6.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 North Win (G.N4.E7.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 East Win (G.N4.E8.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 North Win (G.N4.E9.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.N4.E10.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 North Win (G.N4.E11.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 East Win (G.N4.E12.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 North Win (G.N4.E13.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.N4.E14.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 North Win (G.N4.E15.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 East Win (G.N4.E16.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 North Win (G.N4.E17.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.N4.E18.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 South Win (G.E5.E19.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 East Win (G.E5.E20.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 North Win (G.E5.E21.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 East Win (G.E5.E22.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 North Win (G.E5.E23.W1)	0.00	0.26	1	0.186	0.400	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	0.26	1	0.186	0.400	0.878	1.000
L5 North Win (G.W6.E26.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.W6.E27.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.W7.E28.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 East Win (G.E8.E29.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 South Win (G.E9.E30.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.E9.E31.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 South Win (G.E9.E32.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 East Win (G.E9.E33.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 North Win (G.E9.E34.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.S10.E35.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 South Win (G.S10.E36.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 East Win (G.S10.E37.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 South Win (G.S10.E38.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.S10.E39.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 South Win (G.S10.E40.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 East Win (G.S10.E41.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 South Win (G.S10.E42.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.S10.E43.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 South Win (G.S10.E44.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 East Win (G.S10.E45.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 South Win (G.S10.E46.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.S10.E47.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 South Win (G.S10.E48.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 East Win (G.S10.E49.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 South Win (G.S10.E50.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.S10.E51.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 South Win (G.S10.E52.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 East Win (G.S10.E53.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 South Win (G.S10.E54.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.S10.E55.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 South Win (G.S10.E56.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 East Win (G.S10.E57.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 South Win (G.S10.E58.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.S10.E59.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 South Win (G.S10.E60.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 East Win (G.S10.E61.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 South Win (G.S10.E62.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.S10.E63.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 South Win (G.S10.E64.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 East Win (G.S10.E65.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 North Win (G.E13.E67.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 East Win (G.E13.E68.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 East Win (G.E13.E69.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 South Win (G.NW17.E70.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.NW17.E71.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 North Win (G.NW17.E72.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 East Win (G.NW17.E73.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 North Win (G.NW17.E74.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.NW17.E75.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 North Win (G.N18.E76.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 East Win (G.N18.E77.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 North Win (G.N18.E78.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.N18.E79.W1)	0.00	0.26	1	0.186	0.400	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	0.26	1	0.186	0.400	0.878	1.000
L5 East Win (G.N18.E81.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 North Win (G.N18.E82.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.N18.E83.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 North Win (G.N18.E84.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 East Win (G.N18.E85.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 North Win (G.N18.E86.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.N18.E87.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 South Win (G.E19.E88.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 East Win (G.E19.E89.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 North Win (G.E19.E90.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 East Win (G.E19.E91.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 North Win (G.E19.E92.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.E19.E93.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 North Win (G.W21.E94.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.W21.E95.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 South Win (G.W21.E96.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.W21.E97.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 North Win (G.W21.E98.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.W21.E99.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 South Win (G.W21.E100.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.W21.E101.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 North Win (G.W21.E102.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.W21.E103.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.W21.E104.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 South Win (G.SW22.E105.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.SW22.E106.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 South Win (G.SW22.E107.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 West Win (G.SW22.E108.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 East Win (G.S24.E109.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 South Win (G.S24.E110.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L5 South Win (G.S24.E111.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 North Win (G.N3.E1.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 East Win (G.N3.E2.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 North Win (G.N4.E3.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 East Win (G.N4.E4.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 North Win (G.N4.E5.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 West Win (G.N4.E6.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 North Win (G.N4.E7.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 East Win (G.N4.E8.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 North Win (G.N4.E9.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 West Win (G.N4.E10.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 North Win (G.N4.E11.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 East Win (G.N4.E12.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 North Win (G.N4.E13.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 West Win (G.N4.E14.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 North Win (G.N4.E15.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 East Win (G.N4.E16.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 North Win (G.N4.E17.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 West Win (G.N4.E18.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 South Win (G.E5.E19.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 East Win (G.E5.E20.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 North Win (G.E5.E21.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 East Win (G.E5.E22.W1)	0.00	0.26	1	0.186	0.400	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	0.26	1	0.186	0.400	0.878	1.000
L6 West Win (G.E5.E24.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 North Win (G.W6.E26.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 West Win (G.W6.E27.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 West Win (G.W7.E28.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 East Win (G.E8.E29.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 South Win (G.E9.E30.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 West Win (G.E9.E31.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 South Win (G.E9.E32.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 East Win (G.E9.E33.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 North Win (G.E9.E34.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 West Win (G.S10.E35.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 South Win (G.S10.E36.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 East Win (G.S10.E37.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 South Win (G.S10.E38.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 West Win (G.S10.E39.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 South Win (G.S10.E40.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 East Win (G.S10.E41.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 South Win (G.S10.E42.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 West Win (G.S10.E43.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 South Win (G.S10.E44.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 East Win (G.S10.E45.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 South Win (G.S10.E46.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 West Win (G.S10.E47.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 South Win (G.S10.E48.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 East Win (G.S10.E49.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 South Win (G.S10.E50.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 West Win (G.S10.E51.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 South Win (G.S10.E52.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 East Win (G.S10.E53.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 South Win (G.S10.E54.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 West Win (G.S10.E55.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 South Win (G.S10.E56.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 East Win (G.S10.E57.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 South Win (G.S10.E58.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 West Win (G.S10.E59.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 South Win (G.S10.E60.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 East Win (G.S10.E61.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 South Win (G.S10.E62.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 West Win (G.S10.E63.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 South Win (G.S10.E64.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 East Win (G.S10.E65.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 North Win (G.E13.E67.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 East Win (G.E13.E68.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 East Win (G.E13.E69.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 West Win (G.NW17.E70.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 North Win (G.NW17.E71.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 North Win (G.N18.E72.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 South Win (G.E19.E73.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 East Win (G.E19.E74.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 North Win (G.E19.E75.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 North Win (G.W21.E76.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 West Win (G.W21.E77.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 South Win (G.W21.E78.W1)	0.00	0.26	1	0.186	0.400	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	0.26	1	0.186	0.400	0.878	1.000
L6 North Win (G.W21.E80.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 West Win (G.W21.E81.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 South Win (G.W21.E82.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 West Win (G.W21.E83.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 North Win (G.W21.E84.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 West Win (G.W21.E85.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 West Win (G.W21.E86.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 South Win (G.SW22.E87.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 West Win (G.SW22.E88.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 South Win (G.SW22.E89.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 West Win (G.SW22.E90.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 East Win (G.S24.E91.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 South Win (G.S24.E92.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L6 South Win (G.S24.E93.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 South Win (G.N3.E1.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 North Win (G.N3.E2.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 East Win (G.N3.E3.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 North Win (G.N4.E4.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 South Win (G.E5.E5.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 East Win (G.E5.E6.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 North Win (G.E5.E7.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 North Win (G.W6.E9.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 West Win (G.W6.E10.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 West Win (G.W7.E11.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 East Win (G.E8.E12.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 South Win (G.E9.E13.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 West Win (G.E9.E14.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 South Win (G.E9.E15.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 East Win (G.E9.E16.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 North Win (G.E9.E17.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 South Win (G.SSW10.E18.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 East Win (G.SSW10.E19.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 South Win (G.SSW10.E20.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 West Win (G.SSW10.E21.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 South Win (G.SSW10.E22.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 East Win (G.SSW10.E23.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 South Win (G.SSW10.E24.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 West Win (G.SSW10.E25.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 South Win (G.SSW10.E26.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 East Win (G.SSW10.E27.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 South Win (G.SSW10.E28.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 West Win (G.SSW10.E29.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 South Win (G.SSW10.E30.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 East Win (G.SSW10.E31.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 South Win (G.SSW10.E32.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 West Win (G.SSW10.E33.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 South Win (G.SSW10.E34.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 East Win (G.SSW10.E35.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 South Win (G.SSW10.E36.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 West Win (G.SSW10.E37.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 South Win (G.SSW10.E38.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 East Win (G.SSW10.E39.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 South Win (G.SSW10.E40.W1)	0.00	0.26	1	0.186	0.400	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	0.26	1	0.186	0.400	0.878	1.000
L7 South Win (G.SSW10.E42.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 East Win (G.SSW10.E43.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 South Win (G.SSW10.E44.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 West Win (G.SSW10.E45.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 South Win (G.SSW10.E46.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 East Win (G.SSW10.E47.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 West Win (G.SSW10.E48.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 East Win (G.E13.E50.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 West Win (G.W18.E51.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 South Win (G.SW19.E52.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 West Win (G.SW19.E53.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 North Win (G.C20.E54.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 West Win (G.NW21.E55.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 North Win (G.NW21.E56.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 North Win (G.NE22.E57.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 East Win (G.NE22.E58.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 East Win (G.SSE23.E59.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L7 South Win (G.SSE23.E60.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L8 East Win (G.E3.E4.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L8 West Win (G.W8.E10.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L8 South Win (G.SW9.E12.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L8 West Win (G.SW9.E13.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L8 East Win (G.C10.E15.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L8 West Win (G.NW11.E17.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L8 North Win (G.NW11.E18.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L8 North Win (G.NE12.E20.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L8 East Win (G.NE12.E21.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L8 South Win (G.S13.E23.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L8 South Win (G.SE14.E25.W1)	0.00	0.26	1	0.186	0.400	0.878	1.000
L8 East Win (G.SE14.E26.W1)	0.00	0.26	1	0.186	0.400	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	15278.	1121.	61235.	41467.	1.	0.	12944.	13230.	1482.	0.	17249.	1156.	165161.
MAX KW	41.235	6.028	176.161	254.900	0.412	0.000	18.085	34.068	3.329	0.000	54.890	2.984	503.813
DAY/HR	2/ 8	1/ 8	2/21	5/ 8	19/14	0/ 0	14/24	3/19	2/19	0/ 0	23/ 8	1/18	4/21
PEAK ENDUSE	22.024	0.000	176.161	222.474	0.000	0.000	17.203	34.011	2.710	0.000	26.247	2.984	
PEAK PCT	4.4	0.0	35.0	44.2	0.0	0.0	3.4	6.8	0.5	0.0	5.2	0.6	
FEB													
KWH	13786.	1013.	55311.	27701.	159.	0.	11699.	11936.	1338.	0.	15306.	812.	139059.
MAX KW	41.235	6.028	176.161	136.432	8.344	0.000	18.096	33.860	3.329	0.000	55.115	2.984	378.588
DAY/HR	1/ 8	1/ 8	1/21	13/ 8	22/16	0/ 0	22/24	27/19	1/19	0/ 0	7/ 8	1/20	13/ 8
PEAK ENDUSE	41.235	6.028	95.219	136.432	0.000	0.000	17.123	28.991	1.626	0.000	51.935	0.000	
PEAK PCT	10.9	1.6	25.2	36.0	0.0	0.0	4.5	7.7	0.4	0.0	13.7	0.0	
MAR													
KWH	15243.	1121.	61236.	19198.	534.	0.	12501.	13198.	1482.	0.	15901.	899.	141313.
MAX KW	41.235	6.028	176.161	89.916	31.324	0.000	18.113	33.837	3.329	0.000	54.890	2.984	348.252
DAY/HR	1/ 8	1/ 8	1/21	2/ 8	29/16	0/ 0	23/24	4/19	1/19	0/ 0	5/ 8	1/20	5/21
PEAK ENDUSE	22.024	0.000	176.161	69.564	0.000	0.000	17.848	33.800	2.710	0.000	23.161	2.984	
PEAK PCT	6.3	0.0	50.6	20.0	0.0	0.0	5.1	9.7	0.8	0.0	6.7	0.9	
APR													
KWH	14793.	1085.	59332.	10542.	1572.	0.	11609.	12792.	1431.	0.	14440.	870.	128466.
MAX KW	41.235	6.028	176.161	58.200	23.099	0.000	18.130	33.785	3.329	0.000	54.313	2.984	327.017
DAY/HR	1/ 8	1/ 8	1/21	24/ 8	20/16	0/ 0	21/24	18/19	1/19	0/ 0	24/ 8	1/20	23/21
PEAK ENDUSE	22.024	0.000	176.161	49.485	0.003	0.000	17.956	33.748	2.710	0.000	21.946	2.984	
PEAK PCT	6.7	0.0	53.9	15.1	0.0	0.0	5.5	10.3	0.8	0.0	6.7	0.9	
MAY													
KWH	15286.	1121.	61277.	5894.	4157.	0.	11296.	13182.	1480.	0.	13799.	540.	128032.
MAX KW	41.235	6.028	176.161	39.187	40.064	0.000	18.134	34.031	3.329	0.000	51.885	2.652	306.557
DAY/HR	1/ 8	1/ 8	1/21	9/13	16/16	0/ 0	25/ 3	15/19	1/19	0/ 0	9/ 9	1/22	9/21
PEAK ENDUSE	22.024	0.000	176.161	33.249	0.001	0.000	18.007	33.721	2.710	0.000	19.855	0.829	
PEAK PCT	7.2	0.0	57.5	10.8	0.0	0.0	5.9	11.0	0.9	0.0	6.5	0.3	
JUN													
KWH	14742.	1085.	59248.	2482.	6767.	0.	10457.	12748.	1435.	0.	12318.	522.	121802.
MAX KW	41.235	6.028	176.161	15.983	46.077	0.000	18.132	34.132	3.329	0.000	34.847	2.652	303.635
DAY/HR	3/ 8	1/ 8	3/21	11/20	20/11	0/ 0	12/ 2	20/20	3/19	0/ 0	20/10	1/22	20/21
PEAK ENDUSE	22.024	0.000	176.161	0.111	38.091	0.000	14.598	33.988	2.710	0.000	15.123	0.829	
PEAK PCT	7.3	0.0	58.0	0.0	12.5	0.0	4.8	11.2	0.9	0.0	5.0	0.3	
JUL													
KWH	15285.	1121.	61278.	720.	14624.	0.	10833.	13271.	1480.	0.	11824.	540.	130975.
MAX KW	41.235	6.028	176.161	6.133	72.919	0.000	14.862	35.050	3.329	0.000	35.237	2.652	328.753
DAY/HR	1/ 8	1/ 8	1/21	5/ 8	23/20	0/ 0	23/20	23/20	1/19	0/ 0	22/ 9	1/22	23/20
PEAK ENDUSE	27.058	2.411	158.870	0.092	72.919	0.000	14.862	35.050	2.710	0.000	14.780	0.000	
PEAK PCT	8.2	0.7	48.3	0.0	22.2	0.0	4.5	10.7	0.8	0.0	4.5	0.0	
AUG													
KWH	15265.	1121.	61279.	597.	13584.	0.	10821.	13284.	1481.	0.	11706.	966.	130105.
MAX KW	41.235	6.028	176.161	4.852	66.547	0.000	14.844	34.287	3.329	0.000	35.055	2.984	315.168
DAY/HR	1/ 8	1/ 8	1/21	1/ 8	10/16	0/ 0	10/19	9/19	1/19	0/ 0	9/ 9	1/19	9/21
PEAK ENDUSE	22.024	0.000	176.161	0.000	48.539	0.000	14.763	34.104	2.710	0.000	13.884	2.984	
PEAK PCT	7.0	0.0	55.9	0.0	15.4	0.0	4.7	10.8	0.9	0.0	4.4	0.9	

REPORT- PS-E Energy End-Use Summary for all Electric Meters WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

SEP													
KWH	14763.	1085.	59246.	2019.	8211.	0.	10581.	12729.	1434.	0.	11846.	935.	122848.
MAX KW	41.235	6.028	176.161	17.086	51.460	0.000	18.172	34.021	3.329	0.000	34.639	2.984	299.635
DAY/HR	3/ 8	1/ 8	3/21	28/ 8	19/16	0/ 0	1/ 6	13/19	3/19	0/ 0	21/10	1/19	19/21
PEAK ENDUSE	22.024	0.000	176.161	0.000	32.720	0.000	14.582	33.912	2.710	0.000	14.542	2.984	
PEAK PCT	7.4	0.0	58.8	0.0	10.9	0.0	4.9	11.3	0.9	0.0	4.9	1.0	
OCT													
KWH	15285.	1121.	61278.	8838.	1197.	0.	11612.	13155.	1480.	0.	13506.	966.	128438.
MAX KW	41.235	6.028	176.161	48.566	31.192	0.000	18.158	33.732	3.329	0.000	51.043	2.984	301.768
DAY/HR	1/ 8	1/ 8	1/21	22/ 8	6/16	0/ 0	5/24	7/20	1/19	0/ 0	24/ 9	1/19	31/21
PEAK ENDUSE	22.024	0.000	176.161	27.795	0.000	0.000	18.029	33.700	2.710	0.000	18.366	2.984	
PEAK PCT	7.3	0.0	58.4	9.2	0.0	0.0	6.0	11.2	0.9	0.0	6.1	1.0	
NOV													
KWH	14751.	1085.	59204.	20552.	14.	0.	12212.	12715.	1438.	0.	14338.	1119.	137429.
MAX KW	41.235	6.028	176.161	68.045	1.646	0.000	18.133	33.863	3.329	0.000	53.784	2.984	337.682
DAY/HR	1/ 8	1/ 8	1/21	27/13	1/16	0/ 0	7/24	27/19	1/19	0/ 0	5/ 8	1/18	26/21
PEAK ENDUSE	22.024	0.000	176.161	60.944	0.000	0.000	17.803	33.803	2.710	0.000	21.254	2.984	
PEAK PCT	6.5	0.0	52.2	18.0	0.0	0.0	5.3	10.0	0.8	0.0	6.3	0.9	
DEC													
KWH	15262.	1121.	61235.	35007.	5.	0.	13012.	13212.	1482.	0.	16267.	1156.	157758.
MAX KW	41.235	6.028	176.161	144.630	1.080	0.000	18.100	33.969	3.329	0.000	54.299	2.984	416.823
DAY/HR	2/ 8	1/ 8	2/21	26/19	21/15	0/ 0	11/24	26/19	2/19	0/ 0	13/ 8	1/18	26/21
PEAK ENDUSE	22.024	0.000	176.161	134.202	0.000	0.000	17.516	33.906	2.710	0.000	27.320	2.984	
PEAK PCT	5.3	0.0	42.3	32.2	0.0	0.0	4.2	8.1	0.7	0.0	6.6	0.7	
KWH	179737.	13200.	721157.	175017.	50826.	0.	139578.	155452.	17441.	0.	168500.	10481.	1631386.
MAX KW	41.235	6.028	176.161	254.900	72.919	0.000	18.172	35.050	3.329	0.000	55.115	2.984	503.813
MON/DY	1/ 2	1/ 1	1/ 2	1/ 5	7/23	0/ 0	9/ 1	7/23	1/ 2	0/ 0	2/ 7	1/ 1	1/ 4
PEAK ENDUSE	22.024	0.000	176.161	222.474	0.000	0.000	17.203	34.011	2.710	0.000	26.247	2.984	
PEAK PCT	4.4	0.0	35.0	44.2	0.0	0.0	3.4	6.8	0.5	0.0	5.2	0.6	

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

SEP													
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	
OCT													
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	
NOV													
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	
DEC													
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	
MBTU	0.	0.	188.	0.	0.	0.	0.	0.	0.	0.	0.	0.	188.
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
MON/DY	0/ 0	0/ 0	1/ 1	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/ 1
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-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	3845.	0.	53661.	27062.	1.	0.	2083.	2043.	0.	0.	0.	0.	88695.
MAX KW	22.119	0.000	167.514	110.957	0.412	0.000	3.464	4.443	0.000	0.000	0.000	0.000	244.001
DAY/HR	1/ 8	0/ 0	1/21	5/ 8	19/14	0/ 0	14/24	6/10	0/ 0	0/ 0	0/ 0	0/ 0	4/21
PEAK ENDUSE	6.636	0.000	167.514	64.619	0.000	0.000	2.655	2.578	0.000	0.000	0.000	0.000	
PEAK PCT	2.7	0.0	68.7	26.5	0.0	0.0	1.1	1.1	0.0	0.0	0.0	0.0	
FEB													
KWH	3457.	0.	48468.	17852.	150.	0.	1889.	1819.	0.	0.	0.	0.	73634.
MAX KW	22.119	0.000	167.514	75.290	7.275	0.000	3.476	4.265	0.000	0.000	0.000	0.000	204.410
DAY/HR	1/ 8	0/ 0	1/21	13/ 8	22/16	0/ 0	22/24	27/10	0/ 0	0/ 0	0/ 0	0/ 0	27/21
PEAK ENDUSE	6.636	0.000	167.514	24.648	0.000	0.000	3.200	2.413	0.000	0.000	0.000	0.000	
PEAK PCT	3.2	0.0	81.9	12.1	0.0	0.0	1.6	1.2	0.0	0.0	0.0	0.0	
MAR													
KWH	3805.	0.	53661.	12836.	502.	0.	1658.	1981.	0.	0.	0.	0.	74442.
MAX KW	22.119	0.000	167.514	60.526	28.548	0.000	3.493	4.246	0.000	0.000	0.000	0.000	198.189
DAY/HR	1/ 8	0/ 0	1/21	2/ 8	29/16	0/ 0	23/24	3/11	0/ 0	0/ 0	0/ 0	0/ 0	5/21
PEAK ENDUSE	6.636	0.000	167.514	18.374	0.000	0.000	3.280	2.385	0.000	0.000	0.000	0.000	
PEAK PCT	3.3	0.0	84.5	9.3	0.0	0.0	1.7	1.2	0.0	0.0	0.0	0.0	
APR													
KWH	3716.	0.	51930.	6884.	1537.	0.	1134.	1895.	0.	0.	0.	0.	67095.
MAX KW	22.119	0.000	167.514	40.462	22.016	0.000	3.509	4.234	0.000	0.000	0.000	0.000	191.768
DAY/HR	1/ 8	0/ 0	1/21	6/ 8	20/16	0/ 0	21/24	20/13	0/ 0	0/ 0	0/ 0	0/ 0	23/21
PEAK ENDUSE	6.636	0.000	167.514	11.892	0.003	0.000	3.380	2.343	0.000	0.000	0.000	0.000	
PEAK PCT	3.5	0.0	87.4	6.2	0.0	0.0	1.8	1.2	0.0	0.0	0.0	0.0	
MAY													
KWH	3846.	0.	53661.	3902.	4039.	0.	497.	1958.	0.	0.	0.	0.	67901.
MAX KW	22.119	0.000	167.514	28.865	37.409	0.000	3.513	4.457	0.000	0.000	0.000	0.000	206.791
DAY/HR	1/ 8	0/ 0	1/21	10/ 8	16/16	0/ 0	25/ 3	16/11	0/ 0	0/ 0	0/ 0	0/ 0	15/21
PEAK ENDUSE	6.636	0.000	167.514	0.267	29.846	0.000	0.000	2.528	0.000	0.000	0.000	0.000	
PEAK PCT	3.2	0.0	81.0	0.1	14.4	0.0	0.0	1.2	0.0	0.0	0.0	0.0	
JUN													
KWH	3674.	0.	51930.	1867.	6496.	0.	23.	1902.	0.	0.	0.	0.	65892.
MAX KW	22.119	0.000	167.514	8.771	43.451	0.000	3.512	4.649	0.000	0.000	0.000	0.000	212.393
DAY/HR	3/ 8	0/ 0	1/21	12/ 8	20/11	0/ 0	12/ 2	20/11	0/ 0	0/ 0	0/ 0	0/ 0	20/21
PEAK ENDUSE	6.636	0.000	167.514	0.056	35.511	0.000	0.108	2.568	0.000	0.000	0.000	0.000	
PEAK PCT	3.1	0.0	78.9	0.0	16.7	0.0	0.1	1.2	0.0	0.0	0.0	0.0	
JUL													
KWH	3845.	0.	53661.	641.	13539.	0.	52.	2026.	0.	0.	0.	0.	73765.
MAX KW	22.119	0.000	167.514	5.379	63.500	0.000	0.372	4.839	0.000	0.000	0.000	0.000	232.138
DAY/HR	1/ 8	0/ 0	1/21	4/ 9	23/20	0/ 0	23/20	23/11	0/ 0	0/ 0	0/ 0	0/ 0	23/21
PEAK ENDUSE	6.636	0.000	167.514	0.000	54.774	0.000	0.337	2.877	0.000	0.000	0.000	0.000	
PEAK PCT	2.9	0.0	72.2	0.0	23.6	0.0	0.1	1.2	0.0	0.0	0.0	0.0	
AUG													
KWH	3819.	0.	53661.	559.	12608.	0.	40.	2010.	0.	0.	0.	0.	72697.
MAX KW	22.119	0.000	167.514	4.113	59.440	0.000	0.354	4.883	0.000	0.000	0.000	0.000	220.355
DAY/HR	1/ 8	0/ 0	1/21	24/ 8	10/16	0/ 0	10/19	10/11	0/ 0	0/ 0	0/ 0	0/ 0	9/21
PEAK ENDUSE	6.636	0.000	167.514	0.000	43.264	0.000	0.273	2.668	0.000	0.000	0.000	0.000	
PEAK PCT	3.0	0.0	76.0	0.0	19.6	0.0	0.1	1.2	0.0	0.0	0.0	0.0	

REPORT- PS-F Energy End-Use Summary for EM1-Residential WEATHER FILE- SEATTLE BOEING FI WA

(CONTINUED)

SEP													
KWH	3701.	0.	51930.	1450.	7672.	0.	144.	1910.	0.	0.	0.	0.	66806.
MAX KW	22.119	0.000	167.514	16.559	46.911	0.000	3.551	4.528	0.000	0.000	0.000	0.000	206.884
DAY/HR	2/ 8	0/ 0	1/21	28/ 8	19/16	0/ 0	1/ 6	22/13	0/ 0	0/ 0	0/ 0	0/ 0	13/21
PEAK ENDUSE	6.636	0.000	167.514	0.000	30.081	0.000	0.133	2.519	0.000	0.000	0.000	0.000	
PEAK PCT	3.2	0.0	81.0	0.0	14.5	0.0	0.1	1.2	0.0	0.0	0.0	0.0	
OCT													
KWH	3845.	0.	53661.	5932.	1128.	0.	801.	1935.	0.	0.	0.	0.	67302.
MAX KW	22.119	0.000	167.514	43.671	28.296	0.000	3.537	4.205	0.000	0.000	0.000	0.000	191.232
DAY/HR	1/ 8	0/ 0	1/21	22/ 8	6/16	0/ 0	5/24	7/13	0/ 0	0/ 0	0/ 0	0/ 0	6/21
PEAK ENDUSE	8.295	0.000	167.514	0.879	12.174	0.000	0.000	2.370	0.000	0.000	0.000	0.000	
PEAK PCT	4.3	0.0	87.6	0.5	6.4	0.0	0.0	1.2	0.0	0.0	0.0	0.0	
NOV													
KWH	3690.	0.	51930.	14370.	13.	0.	1716.	1915.	0.	0.	0.	0.	73633.
MAX KW	22.119	0.000	167.514	54.117	1.543	0.000	3.512	4.214	0.000	0.000	0.000	0.000	201.178
DAY/HR	1/ 8	0/ 0	1/21	5/ 8	1/16	0/ 0	7/24	27/10	0/ 0	0/ 0	0/ 0	0/ 0	26/21
PEAK ENDUSE	6.636	0.000	167.514	21.395	0.000	0.000	3.243	2.390	0.000	0.000	0.000	0.000	
PEAK PCT	3.3	0.0	83.3	10.6	0.0	0.0	1.6	1.2	0.0	0.0	0.0	0.0	
DEC													
KWH	3829.	0.	53661.	24086.	5.	0.	2149.	2028.	0.	0.	0.	0.	85757.
MAX KW	22.119	0.000	167.514	77.516	1.080	0.000	3.479	4.318	0.000	0.000	0.000	0.000	224.542
DAY/HR	2/ 8	0/ 0	1/21	27/ 9	21/15	0/ 0	11/24	27/10	0/ 0	0/ 0	0/ 0	0/ 0	26/21
PEAK ENDUSE	6.636	0.000	167.514	44.952	0.000	0.000	2.957	2.484	0.000	0.000	0.000	0.000	
PEAK PCT	3.0	0.0	74.6	20.0	0.0	0.0	1.3	1.1	0.0	0.0	0.0	0.0	
KWH	45074.	0.	631811.	117440.	47691.	0.	12185.	23421.	0.	0.	0.	0.	877617.
MAX KW	22.119	0.000	167.514	110.957	63.500	0.000	3.551	4.883	0.000	0.000	0.000	0.000	244.001
MON/DY	1/ 1	0/ 0	1/ 1	1/ 5	7/23	0/ 0	9/ 1	8/10	0/ 0	0/ 0	0/ 0	0/ 0	1/ 4
PEAK ENDUSE	6.636	0.000	167.514	64.619	0.000	0.000	2.655	2.578	0.000	0.000	0.000	0.000	
PEAK PCT	2.7	0.0	68.7	26.5	0.0	0.0	1.1	1.1	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	10597.	1121.	2887.	5008.	0.	0.	10781.	10205.	1482.	0.	15904.	1156.	59141.
MAX KW	18.992	6.028	6.961	142.082	0.000	0.000	14.490	27.623	3.329	0.000	52.273	2.984	257.406
DAY/HR	2/18	1/ 8	2/10	5/ 8	0/ 0	0/ 0	1/ 1	5/10	2/19	0/ 0	20/ 8	1/18	5/ 8
PEAK ENDUSE	18.236	6.028	2.789	142.082	0.000	0.000	14.490	26.412	1.239	0.000	45.136	0.995	
PEAK PCT	7.1	2.3	1.1	55.2	0.0	0.0	5.6	10.3	0.5	0.0	17.5	0.4	
FEB													
KWH	9572.	1013.	2610.	2945.	0.	0.	9737.	9225.	1338.	0.	14084.	812.	51336.
MAX KW	18.992	6.028	6.961	62.656	0.000	0.000	14.490	27.609	3.329	0.000	52.498	2.984	176.563
DAY/HR	1/18	1/ 8	1/10	27/ 7	0/ 0	0/ 0	1/ 1	9/10	1/19	0/ 0	7/ 8	1/20	13/ 8
PEAK ENDUSE	18.333	6.028	5.672	54.840	0.000	0.000	14.490	26.256	1.626	0.000	49.318	0.000	
PEAK PCT	10.4	3.4	3.2	31.1	0.0	0.0	8.2	14.9	0.9	0.0	27.9	0.0	
MAR													
KWH	10598.	1121.	2889.	1223.	0.	0.	10781.	10221.	1482.	0.	14558.	899.	53771.
MAX KW	18.992	6.028	6.961	35.032	0.000	0.000	14.490	27.604	3.329	0.000	52.273	2.984	149.075
DAY/HR	1/18	1/ 8	1/10	2/ 7	0/ 0	0/ 0	1/ 1	2/10	1/19	0/ 0	5/ 8	1/20	2/ 8
PEAK ENDUSE	18.236	6.028	2.789	29.045	0.000	0.000	14.490	26.251	1.239	0.000	50.997	0.000	
PEAK PCT	12.2	4.0	1.9	19.5	0.0	0.0	9.7	17.6	0.8	0.0	34.2	0.0	
APR													
KWH	10256.	1085.	2867.	584.	0.	0.	10433.	9916.	1431.	0.	13151.	870.	50593.
MAX KW	18.992	6.028	6.961	25.028	0.000	0.000	14.490	27.603	3.329	0.000	51.696	2.984	140.299
DAY/HR	1/18	1/ 8	1/10	24/ 7	0/ 0	0/ 0	1/ 2	20/10	1/19	0/ 0	24/ 8	1/20	24/ 8
PEAK ENDUSE	18.333	6.028	5.672	16.210	0.000	0.000	14.490	26.245	1.626	0.000	51.696	0.000	
PEAK PCT	13.1	4.3	4.0	11.6	0.0	0.0	10.3	18.7	1.2	0.0	36.8	0.0	
MAY													
KWH	10598.	1121.	2930.	309.	0.	0.	10781.	10225.	1480.	0.	12497.	540.	50480.
MAX KW	18.992	6.028	6.961	0.841	0.000	0.000	14.490	27.602	3.329	0.000	49.466	2.652	119.472
DAY/HR	1/18	1/ 8	1/10	6/ 7	0/ 0	0/ 0	1/ 2	16/10	1/19	0/ 0	5/ 9	1/22	10/ 9
PEAK ENDUSE	13.969	6.028	6.501	0.768	0.000	0.000	14.490	26.237	2.013	0.000	49.466	0.000	
PEAK PCT	11.7	5.0	5.4	0.6	0.0	0.0	12.1	22.0	1.7	0.0	41.4	0.0	
JUN													
KWH	10256.	1085.	2782.	141.	5.	0.	10433.	9884.	1435.	0.	11086.	522.	47630.
MAX KW	18.992	6.028	6.961	0.460	0.352	0.000	14.490	27.611	3.329	0.000	32.769	2.652	104.844
DAY/HR	3/18	1/ 8	3/10	12/ 7	20/18	0/ 0	1/ 2	20/10	3/19	0/ 0	20/10	1/22	20/ 8
PEAK ENDUSE	18.333	6.028	5.672	0.103	0.000	0.000	14.490	26.249	1.626	0.000	32.343	0.000	
PEAK PCT	17.5	5.7	5.4	0.1	0.0	0.0	13.8	25.0	1.6	0.0	30.8	0.0	
JUL													
KWH	10598.	1121.	2930.	26.	168.	0.	10781.	10232.	1480.	0.	10567.	540.	48442.
MAX KW	18.992	6.028	6.961	0.197	1.556	0.000	14.490	27.637	3.329	0.000	32.934	2.652	104.600
DAY/HR	1/18	1/ 8	1/10	5/ 7	23/20	0/ 0	1/ 2	22/10	1/19	0/ 0	22/ 9	1/22	9/ 8
PEAK ENDUSE	18.333	6.028	5.672	0.061	0.000	0.000	14.490	26.239	1.626	0.000	32.151	0.000	
PEAK PCT	17.5	5.8	5.4	0.1	0.0	0.0	13.9	25.1	1.6	0.0	30.7	0.0	
AUG													
KWH	10599.	1121.	2932.	5.	124.	0.	10781.	10248.	1481.	0.	10454.	966.	48710.
MAX KW	18.992	6.028	6.961	0.078	1.402	0.000	14.490	27.650	3.329	0.000	32.769	2.984	104.573
DAY/HR	1/18	1/ 8	1/10	1/ 7	10/19	0/ 0	1/ 2	10/10	1/19	0/ 0	9/ 9	1/19	13/ 8
PEAK ENDUSE	18.333	6.028	5.672	0.000	0.175	0.000	14.490	26.228	1.626	0.000	32.021	0.000	
PEAK PCT	17.5	5.8	5.4	0.0	0.2	0.0	13.9	25.1	1.6	0.0	30.6	0.0	

REPORT- PS-F Energy End-Use Summary for EM2-Non-Residential WEATHER FILE- SEATTLE BOEING FI WA
(CONTINUED)

SEP													
KWH	10255.	1085.	2781.	35.	22.	0.	10433.	9869.	1434.	0.	10640.	935.	47488.
MAX KW	18.992	6.028	6.961	0.527	0.667	0.000	14.490	27.631	3.329	0.000	32.476	2.984	104.485
DAY/HR	3/18	1/ 8	3/10	28/ 8	13/18	0/ 0	1/ 2	3/10	3/19	0/ 0	13/10	1/19	13/ 8
PEAK ENDUSE	18.333	6.028	5.672	0.021	0.000	0.000	14.490	26.228	1.626	0.000	32.088	0.000	
PEAK PCT	17.5	5.8	5.4	0.0	0.0	0.0	13.9	25.1	1.6	0.0	30.7	0.0	
OCT													
KWH	10598.	1121.	2930.	226.	0.	0.	10781.	10222.	1480.	0.	12234.	966.	50557.
MAX KW	18.992	6.028	6.961	0.785	0.000	0.000	14.490	27.600	3.329	0.000	48.695	2.984	118.600
DAY/HR	1/18	1/ 8	1/10	22/ 7	0/ 0	0/ 0	1/ 2	7/10	1/19	0/ 0	24/ 9	1/19	24/ 9
PEAK ENDUSE	13.969	6.028	6.501	0.670	0.000	0.000	14.490	26.234	2.013	0.000	48.695	0.000	
PEAK PCT	11.8	5.1	5.5	0.6	0.0	0.0	12.2	22.1	1.7	0.0	41.1	0.0	
NOV													
KWH	10256.	1085.	2739.	498.	0.	0.	10433.	9859.	1438.	0.	13088.	1119.	50515.
MAX KW	18.992	6.028	6.961	8.294	0.000	0.000	14.490	27.599	3.329	0.000	51.240	2.984	131.279
DAY/HR	1/18	1/ 8	1/10	5/ 7	0/ 0	0/ 0	1/ 2	23/10	1/19	0/ 0	5/ 8	1/18	5/ 8
PEAK ENDUSE	18.333	6.028	5.672	6.651	0.000	0.000	14.490	26.245	1.626	0.000	51.240	0.995	
PEAK PCT	14.0	4.6	4.3	5.1	0.0	0.0	11.0	20.0	1.2	0.0	39.0	0.8	
DEC													
KWH	10597.	1121.	2887.	2143.	0.	0.	10781.	10203.	1482.	0.	14947.	1156.	55317.
MAX KW	18.992	6.028	6.961	32.702	0.000	0.000	14.490	27.612	3.329	0.000	51.696	2.984	154.754
DAY/HR	2/18	1/ 8	2/10	26/21	0/ 0	0/ 0	1/ 1	28/10	2/19	0/ 0	13/ 8	1/18	27/ 8
PEAK ENDUSE	18.333	6.028	5.672	31.372	0.000	0.000	14.490	26.255	1.626	0.000	49.984	0.995	
PEAK PCT	11.8	3.9	3.7	20.3	0.0	0.0	9.4	17.0	1.1	0.0	32.3	0.6	
KWH	124779.	13200.	34166.	13144.	319.	0.	126934.	120308.	17441.	0.	153209.	10481.	613979.
MAX KW	18.992	6.028	6.961	142.082	1.556	0.000	14.490	27.650	3.329	0.000	52.498	2.984	257.406
MON/DY	1/ 2	1/ 1	1/ 2	1/ 5	7/23	0/ 0	1/ 1	8/10	1/ 2	0/ 0	2/ 7	1/ 1	1/ 5
PEAK ENDUSE	18.236	6.028	2.789	142.082	0.000	0.000	14.490	26.412	1.239	0.000	45.136	0.995	
PEAK PCT	7.1	2.3	1.1	55.2	0.0	0.0	5.6	10.3	0.5	0.0	17.5	0.4	

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	
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	
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	
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	
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	
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	
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	
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	
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	
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	

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	835.	0.	4687.	9397.	0.	0.	80.	982.	0.	0.	1345.	0.	17326.
MAX KW	1.760	0.000	9.650	75.237	0.000	0.000	0.131	6.464	0.000	0.000	2.617	0.000	93.117
DAY/HR	2/11	0/ 0	1/10	5/20	0/ 0	0/ 0	1/ 1	5/20	0/ 0	0/ 0	2/ 8	0/ 0	5/20
PEAK ENDUSE	1.760	0.000	7.077	75.237	0.000	0.000	0.050	6.464	0.000	0.000	2.529	0.000	
PEAK PCT	1.9	0.0	7.6	80.8	0.0	0.0	0.1	6.9	0.0	0.0	2.7	0.0	
FEB													
KWH	757.	0.	4233.	6904.	9.	0.	73.	892.	0.	0.	1222.	0.	14089.
MAX KW	1.760	0.000	9.650	46.060	1.069	0.000	0.131	6.453	0.000	0.000	2.617	0.000	63.656
DAY/HR	1/11	0/ 0	1/10	28/21	22/16	0/ 0	1/ 1	9/20	0/ 0	0/ 0	1/ 8	0/ 0	23/20
PEAK ENDUSE	1.760	0.000	7.077	45.749	0.000	0.000	0.093	6.441	0.000	0.000	2.537	0.000	
PEAK PCT	2.8	0.0	11.1	71.9	0.0	0.0	0.1	10.1	0.0	0.0	4.0	0.0	
MAR													
KWH	840.	0.	4687.	5139.	33.	0.	63.	996.	0.	0.	1344.	0.	13100.
MAX KW	1.760	0.000	9.650	38.055	3.290	0.000	0.131	6.453	0.000	0.000	2.617	0.000	53.270
DAY/HR	1/11	0/ 0	1/10	5/21	29/14	0/ 0	1/ 1	16/20	0/ 0	0/ 0	1/ 8	0/ 0	5/21
PEAK ENDUSE	1.760	0.000	5.790	38.055	0.000	0.000	0.078	5.171	0.000	0.000	2.415	0.000	
PEAK PCT	3.3	0.0	10.9	71.4	0.0	0.0	0.1	9.7	0.0	0.0	4.5	0.0	
APR													
KWH	820.	0.	4536.	3074.	35.	0.	42.	981.	0.	0.	1289.	0.	10778.
MAX KW	1.760	0.000	9.650	33.583	1.716	0.000	0.131	6.452	0.000	0.000	2.617	0.000	50.035
DAY/HR	1/11	0/ 0	1/10	23/21	21/10	0/ 0	1/ 2	6/20	0/ 0	0/ 0	2/ 8	0/ 0	23/20
PEAK ENDUSE	1.760	0.000	7.077	33.328	0.000	0.000	0.090	5.163	0.000	0.000	2.617	0.000	
PEAK PCT	3.5	0.0	14.1	66.6	0.0	0.0	0.2	10.3	0.0	0.0	5.2	0.0	
MAY													
KWH	842.	0.	4687.	1684.	118.	0.	18.	999.	0.	0.	1302.	0.	9651.
MAX KW	1.760	0.000	9.650	25.258	3.015	0.000	0.131	6.445	0.000	0.000	2.557	0.000	43.038
DAY/HR	1/11	0/ 0	1/10	4/20	15/19	0/ 0	1/ 5	4/20	0/ 0	0/ 0	10/ 8	0/ 0	4/20
PEAK ENDUSE	1.760	0.000	7.077	25.258	0.000	0.000	0.080	6.445	0.000	0.000	2.418	0.000	
PEAK PCT	4.1	0.0	16.4	58.7	0.0	0.0	0.2	15.0	0.0	0.0	5.6	0.0	
JUN													
KWH	812.	0.	4536.	474.	265.	0.	1.	962.	0.	0.	1232.	0.	8281.
MAX KW	1.760	0.000	9.650	10.462	3.710	0.000	0.131	6.468	0.000	0.000	2.490	0.000	26.730
DAY/HR	1/18	0/ 0	1/10	11/21	20/14	0/ 0	12/ 2	29/20	0/ 0	0/ 0	12/ 8	0/ 0	11/20
PEAK ENDUSE	1.760	0.000	7.077	10.249	0.000	0.000	0.000	5.156	0.000	0.000	2.489	0.000	
PEAK PCT	6.6	0.0	26.5	38.3	0.0	0.0	0.0	19.3	0.0	0.0	9.3	0.0	
JUL													
KWH	842.	0.	4687.	53.	917.	0.	0.	1012.	0.	0.	1257.	0.	8768.
MAX KW	1.760	0.000	9.650	3.773	7.934	0.000	0.000	6.468	0.000	0.000	2.448	0.000	25.917
DAY/HR	1/11	0/ 0	1/10	3/21	23/18	0/ 0	0/ 0	6/20	0/ 0	0/ 0	5/ 8	0/ 0	23/19
PEAK ENDUSE	1.760	0.000	8.364	0.000	7.863	0.000	0.000	5.641	0.000	0.000	2.289	0.000	
PEAK PCT	6.8	0.0	32.3	0.0	30.3	0.0	0.0	21.8	0.0	0.0	8.8	0.0	
AUG													
KWH	847.	0.	4687.	34.	852.	0.	0.	1027.	0.	0.	1252.	0.	8699.
MAX KW	1.760	0.000	9.650	2.397	7.737	0.000	0.000	6.601	0.000	0.000	2.427	0.000	25.111
DAY/HR	1/11	0/ 0	1/10	23/22	10/19	0/ 0	0/ 0	10/20	0/ 0	0/ 0	1/ 8	0/ 0	10/20
PEAK ENDUSE	1.760	0.000	7.077	0.000	7.399	0.000	0.000	6.601	0.000	0.000	2.274	0.000	
PEAK PCT	7.0	0.0	28.2	0.0	29.5	0.0	0.0	26.3	0.0	0.0	9.1	0.0	

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

SEP													
KWH	807.	0.	4536.	534.	517.	0.	5.	950.	0.	0.	1206.	0.	8554.
MAX KW	1.760	0.000	9.650	10.351	5.554	0.000	0.131	6.468	0.000	0.000	2.435	0.000	25.891
DAY/HR	3/11	0/ 0	1/10	30/21	19/14	0/ 0	1/ 6	14/20	0/ 0	0/ 0	27/ 8	0/ 0	30/13
PEAK ENDUSE	1.760	0.000	9.007	8.052	0.000	0.000	0.000	5.154	0.000	0.000	1.919	0.000	
PEAK PCT	6.8	0.0	34.8	31.1	0.0	0.0	0.0	19.9	0.0	0.0	7.4	0.0	
OCT													
KWH	842.	0.	4687.	2680.	69.	0.	30.	999.	0.	0.	1272.	0.	10579.
MAX KW	1.760	0.000	9.650	23.109	2.896	0.000	0.131	6.450	0.000	0.000	2.482	0.000	41.084
DAY/HR	1/11	0/ 0	1/10	30/13	6/16	0/ 0	2/ 4	19/20	0/ 0	0/ 0	22/ 8	0/ 0	30/13
PEAK ENDUSE	1.760	0.000	9.007	23.109	0.000	0.000	0.092	5.163	0.000	0.000	1.952	0.000	
PEAK PCT	4.3	0.0	21.9	56.2	0.0	0.0	0.2	12.6	0.0	0.0	4.8	0.0	
NOV													
KWH	805.	0.	4536.	5684.	1.	0.	64.	941.	0.	0.	1250.	0.	13281.
MAX KW	1.760	0.000	9.650	38.203	1.047	0.000	0.131	6.455	0.000	0.000	2.544	0.000	54.638
DAY/HR	1/11	0/ 0	1/10	26/21	10/10	0/ 0	1/ 2	23/20	0/ 0	0/ 0	5/ 8	0/ 0	26/20
PEAK ENDUSE	1.760	0.000	7.077	38.015	0.000	0.000	0.074	5.170	0.000	0.000	2.541	0.000	
PEAK PCT	3.2	0.0	13.0	69.6	0.0	0.0	0.1	9.5	0.0	0.0	4.7	0.0	
DEC													
KWH	835.	0.	4687.	8778.	0.	0.	83.	981.	0.	0.	1320.	0.	16684.
MAX KW	1.760	0.000	9.650	56.549	0.000	0.000	0.131	6.458	0.000	0.000	2.609	0.000	73.843
DAY/HR	2/11	0/ 0	1/10	26/21	0/ 0	0/ 0	1/ 1	14/20	0/ 0	0/ 0	26/20	0/ 0	26/19
PEAK ENDUSE	1.760	0.000	8.364	56.008	0.000	0.000	0.078	5.165	0.000	0.000	2.469	0.000	
PEAK PCT	2.4	0.0	11.3	75.8	0.0	0.0	0.1	7.0	0.0	0.0	3.3	0.0	
KWH	9883.	0.	55183.	44433.	2817.	0.	460.	11723.	0.	0.	15291.	0.	139790.
MAX KW	1.760	0.000	9.650	75.237	7.934	0.000	0.131	6.601	0.000	0.000	2.617	0.000	93.117
MON/DY	1/ 2	0/ 0	1/ 1	1/ 5	7/23	0/ 0	1/ 1	8/10	0/ 0	0/ 0	1/ 2	0/ 0	1/ 5
PEAK ENDUSE	1.760	0.000	7.077	75.237	0.000	0.000	0.050	6.464	0.000	0.000	2.529	0.000	
PEAK PCT	1.9	0.0	7.6	80.8	0.0	0.0	0.1	6.9	0.0	0.0	2.7	0.0	

YEARLY TRANSFORMER LOSSES = 0.0 KWH

REPORT- PS-F Energy End-Use Summary for FM1 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													
THERM	0.	0.	160.	0.	0.	0.	0.	0.	0.	0.	0.	0.	160.
MAX THERM/HR	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
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	0.3	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													
THERM	0.	0.	144.	0.	0.	0.	0.	0.	0.	0.	0.	0.	144.
MAX THERM/HR	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
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	0.3	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													
THERM	0.	0.	160.	0.	0.	0.	0.	0.	0.	0.	0.	0.	160.
MAX THERM/HR	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
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	0.3	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													
THERM	0.	0.	155.	0.	0.	0.	0.	0.	0.	0.	0.	0.	155.
MAX THERM/HR	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
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	0.3	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													
THERM	0.	0.	160.	0.	0.	0.	0.	0.	0.	0.	0.	0.	160.
MAX THERM/HR	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
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	0.3	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													
THERM	0.	0.	155.	0.	0.	0.	0.	0.	0.	0.	0.	0.	155.
MAX THERM/HR	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
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	0.3	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													
THERM	0.	0.	160.	0.	0.	0.	0.	0.	0.	0.	0.	0.	160.
MAX THERM/HR	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
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	0.3	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													
THERM	0.	0.	160.	0.	0.	0.	0.	0.	0.	0.	0.	0.	160.
MAX THERM/HR	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
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	0.3	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-F Energy End-Use Summary for FM1 WEATHER FILE- SEATTLE BOEING FI WA
(CONTINUED)

SEP													
THERM	0.	0.	155.	0.	0.	0.	0.	0.	0.	0.	0.	0.	155.
MAX THERM/HR	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
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	0.3	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	
OCT													
THERM	0.	0.	160.	0.	0.	0.	0.	0.	0.	0.	0.	0.	160.
MAX THERM/HR	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
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	0.3	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	
NOV													
THERM	0.	0.	155.	0.	0.	0.	0.	0.	0.	0.	0.	0.	155.
MAX THERM/HR	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
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	0.3	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	
DEC													
THERM	0.	0.	160.	0.	0.	0.	0.	0.	0.	0.	0.	0.	160.
MAX THERM/HR	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
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	0.3	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	
THERM	0.	0.	1883.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1883.
MAX THERM/HR	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
MON/DY	0/ 0	0/ 0	1/ 1	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/ 1
PEAK ENDUSE	0.0	0.0	0.3	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- PV-A Plant Design Parameters WEATHER FILE- SEATTLE BOEING FI WA

*** 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)										
	-1.004	0.000	10.0	23.4	0.0	0.00	0.0	0.00	15.0	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	0.000	0.0	0.0	0.0	0.00	0.0	0.00	0.0	1.00
DEFAULT-CW										
	0.000	0.000	0.0	0.0	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		0.0	62.5	0.0	ONE-SPEED	0.000	0.770	0.000
PRIMARY LOOP								
DEFAULT-CW-PUMP	1 PUMP(s)							
DEFAULT-CW		0.0	55.9	0.0	ONE-SPEED	0.000	0.770	0.000
PRIMARY LOOP								
Primary CHW Pump	1 PUMP(s)							
Chiller 1		0.0	0.0	0.0	ONE-SPEED	0.000	0.770	0.000
EVAPORATOR	(RUN-AROUND)							

*** PRIMARY EQUIPMENT ***

EQUIPMENT TYPE	ATTACHED TO	CAPACITY (MBTU/HR)	FLOW (GPM)	HEAD (FT)
Chiller 1				
ELEC-SCREW	DEFAULT-CHW	0.000	0.0	15.0
	DEFAULT-CW	0.000	0.0	15.0
CU-P1-1 P1				
VRF-HEAT-RCVR	Cooling Coils	0.184	0.0	0.0
	Heating Coils	-0.192	0.0	0.0
CU-8-1 L7B				
VRF-HEAT-RCVR	Cooling Coils	0.240	0.0	0.0
	Heating Coils	-0.249	0.0	0.0
CU-8-2 L6B				
VRF-HEAT-RCVR	Cooling Coils	0.240	0.0	0.0
	Heating Coils	-0.249	0.0	0.0

CU-8-3 L5B				
VRF-HEAT-RCVR	Cooling Coils	0.240	0.0	0.0
	Heating Coils	-0.249	0.0	0.0
CU-8-4 L4B				
VRF-HEAT-RCVR	Cooling Coils	0.240	0.0	0.0
	Heating Coils	-0.249	0.0	0.0
CU-8-5 L3B				
VRF-HEAT-RCVR	Cooling Coils	0.240	0.0	0.0
	Heating Coils	-0.249	0.0	0.0
CU-8-6 L2B				
VRF-HEAT-RCVR	Cooling Coils	0.266	0.0	0.0
	Heating Coils	-0.282	0.0	0.0
CU-8-7 L1B				
VRF-HEAT-RCVR	Cooling Coils	0.170	0.0	0.0
	Heating Coils	-0.180	0.0	0.0
CU-R-1 L8A				
VRF-HEAT-RCVR	Cooling Coils	0.170	0.0	0.0
	Heating Coils	-0.180	0.0	0.0
CU-R-2 L7A				
VRF-HEAT-RCVR	Cooling Coils	0.200	0.0	0.0
	Heating Coils	-0.206	0.0	0.0
CU-R-3 L6A				
VRF-HEAT-RCVR	Cooling Coils	0.240	0.0	0.0
	Heating Coils	-0.249	0.0	0.0
CU-R-4 L5A				
VRF-HEAT-RCVR	Cooling Coils	0.240	0.0	0.0
	Heating Coils	-0.249	0.0	0.0
CU-R-5 L4A				
VRF-HEAT-RCVR	Cooling Coils	0.240	0.0	0.0
	Heating Coils	-0.249	0.0	0.0
CU-R-6 L3A				
VRF-HEAT-RCVR	Cooling Coils	0.240	0.0	0.0
	Heating Coils	-0.249	0.0	0.0
CU-R-7 L2A				
VRF-HEAT-RCVR	Cooling Coils	0.240	0.0	0.0
	Heating Coils	-0.249	0.0	0.0
CU-R-RST				
VRF-HEAT-RCVR	Cooling Coils	0.124	0.0	0.0
	Heating Coils	-0.129	0.0	0.0
CT-1				
OPEN-TWR	DEFAULT-CW	0.000	0.9	20.0
RCC-1				
HEAT-PUMP DW-HTR	DHW Plant 1 Res Loop (1)	-0.114	3.6	

REPORT- PV-A Plant Design Parameters WEATHER FILE- SEATTLE BOEING FI WA
(CONTINUED)

RCC-2

HEAT-PUMP DW-HTR	DHW Plant 1 Res Loop (1)	-0.114	3.6

RCC-3

HEAT-PUMP DW-HTR	DHW Plant 1 Res Loop (1)	-0.114	3.6

RST DHW Heater

ELEC DW-HEATER	Restaurant DHW Loop	-0.006	0.1

REPORT- SV-A System Design Parameters for P1B (B.N11) APT1 VRF 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	464.0	1.	0.000	11.702	0.742	-12.042	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	390.	1.00	0.022	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
P1B North Perim Zn (B.N11P	390.	31.	0.005	0.738	0.	0.00	0.00	8.87	0.00	-10.98	1.

REPORT- SV-A System Design Parameters for P1B (B.N13) APT4 VRF 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	2465.0	3.	0.000	51.891	0.742	-53.373	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1731.	1.00	0.099	0.18	0.2	0.37	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS
*** THE NUMBER OF VRF BRANCH LOOPS WAS SET TO: 2 TO SATISFY THE MAX-CAP/UNIT LIMIT OF 30000.(BTU/HR)

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
P1B North Perim Zn (B.N13P	1731.	165.	0.028	0.727	0.	0.00	0.00	39.39	0.00	-47.99	1.

REPORT- SV-A System Design Parameters for P1B (B.NE14) APT1 VRF 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	705.0	1.	0.000	16.416	0.742	-16.893	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	548.	1.00	0.031	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
P1B NE Perim Zn (B.NE14) 1	548.	47.	0.008	0.736	0.	0.00	0.00	12.42	0.00	-15.35	1.

REPORT- SV-A System Design Parameters for L1A (G.SSW15) FIT VRF 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	1300.5	0.	0.000	28.093	0.742	-28.995	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	937.	1.00	0.054	0.18	0.1	0.30	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L1A SSW Perim Zn (G.SSW15I	937.	0.	0.000	0.715	0.	0.00	0.00	-0.12	0.00	-25.48	1.

REPORT- SV-A System Design Parameters for L1A (G.S17) LOB VRF 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	1541.0	51.	0.000	30.060	0.742	-30.940	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1003.	1.00	0.058	0.18	0.1	0.30	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L1A South Perim Zn (G.S17O	1003.	0.	0.000	0.730	257.	0.00	0.00	22.45	0.00	-27.90	1.

REPORT- SV-A System Design Parameters for L1A (G.E19) APT2 VRF 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	1033.8	1.	0.000	18.176	0.742	-18.699	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	606.	1.00	0.035	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L1A East Perim Zn (G.E19)T	606.	69.	0.012	0.732	0.	0.00	0.00	14.08	0.00	-16.94	1.

REPORT- SV-A System Design Parameters for L1A (G.NNE24) APT1 VRF 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	749.2	1.	0.000	10.043	0.742	-10.334	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	335.	1.00	0.019	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L1A NNE Perim Zn (G.NNE24P	335.	50.	0.008	0.737	0.	0.00	0.00	7.78	0.00	-9.42	1.

REPORT- SV-A System Design Parameters for L1A (G.WNW27) APT1 VRF 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	493.5	1.	0.000	9.289	0.742	-9.554	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	310.	1.00	0.018	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L1A WNW Perim Zn (G.WNW27P	310.	33.	0.006	0.471	0.	0.00	0.00	6.67	0.00	-6.30	1.

REPORT- SV-A System Design Parameters for L1A (G.N28) APT3 VRF 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	1326.0	2.	0.000	23.407	0.742	-24.077	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	781.	1.00	0.045	0.18	0.1	0.30	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L1A North Perim Zn (G.N28P	781.	89.	0.015	0.407	0.	0.00	0.00	16.41	0.00	-14.16	1.

REPORT- SV-A System Design Parameters for L1B (G.N5) APT4 VRF 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	2580.0	3.	0.000	42.932	0.742	-44.161	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1432.	1.00	0.082	0.18	0.2	0.34	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS
*** THE NUMBER OF VRF BRANCH LOOPS WAS SET TO: 2 TO SATISFY THE MAX-CAP/UNIT LIMIT OF 30000.(BTU/HR)

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L1B North Perim Zn (G.N5)T	1432.	172.	0.029	0.319	0.	0.00	0.00	29.97	0.00	-21.25	1.

REPORT- SV-A System Design Parameters for L1B (G.E6) APT1 VRF 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	668.0	1.	0.000	11.265	0.742	-11.588	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	376.	1.00	0.022	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L1B East Perim Zn (G.E6) 1	376.	45.	0.007	0.426	0.	0.00	0.00	7.89	0.00	-7.07	1.

REPORT- SV-A System Design Parameters for L1B (G.W7) APT1 VRF 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	765.0	1.	0.000	13.630	0.742	-14.021	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	455.	1.00	0.026	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L1B West Perim Zn (G.W7) 1	455.	51.	0.009	0.738	0.	0.00	0.00	10.38	0.00	-12.76	1.

REPORT- SV-A System Design Parameters for L1B (G.W8) APT1 VRF 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	654.5	1.	0.000	13.824	0.742	-14.223	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	461.	1.00	0.026	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L1B West Perim Zn (G.W8) 1	461.	44.	0.007	0.756	0.	0.00	0.00	10.39	0.00	-13.15	1.

REPORT- SV-A System Design Parameters for L1B (G.E9) APT1 VRF 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	713.5	1.	0.000	14.193	0.742	-14.602	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	473.	1.00	0.027	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L1B East Perim Zn (G.E9) 1	473.	48.	0.008	0.745	0.	0.00	0.00	10.70	0.00	-13.37	1.

REPORT- SV-A System Design Parameters for L1B (G.E10) APT1 VRF 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	519.0	1.	0.000	12.506	0.742	-12.866	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	417.	1.00	0.024	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L1B East Perim Zn (G.E10)T	417.	35.	0.006	0.739	0.	0.00	0.00	9.53	0.00	-11.72	1.

REPORT- SV-A System Design Parameters for L1B (G.S11) APT5 VRF 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	1978.0	3.	0.000	43.342	0.742	-44.598	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1446.	1.00	0.083	0.18	0.2	0.34	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS
*** THE NUMBER OF VRF BRANCH LOOPS WAS SET TO: 2 TO SATISFY THE MAX-CAP/UNIT LIMIT OF 30000.(BTU/HR)

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L1B South Perim Zn (G.S11P	1446.	132.	0.022	0.737	0.	0.00	0.00	32.57	0.00	-40.54	1.

REPORT- SV-A System Design Parameters for L1B (G.SSW13) CONF VRF 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	437.5	15.	0.000	10.731	0.742	-11.041	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	358.	1.00	0.021	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L1B SSW Perim Zn (G.SSW13O	358.	0.	0.000	0.743	73.	0.00	0.00	6.85	0.00	-10.14	1.

REPORT- SV-A System Design Parameters for L1B (G.C14) OFF VRF 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	367.5	3.	0.000	5.958	0.742	-6.133	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	199.	1.00	0.011	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L1B Core Zn (G.C14) OFF	199.	0.	0.000	0.753	22.	0.00	0.00	4.57	0.00	-5.65	1.

REPORT- SV-A System Design Parameters for L1B (G.E29) APT1 VRF 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	429.5	1.	0.000	8.281	0.742	-8.517	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	276.	1.00	0.016	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L1B East Perim Zn (G.E29)T	276.	29.	0.005	0.469	0.	0.00	0.00	5.89	0.00	-5.58	1.

REPORT- SV-A System Design Parameters for L2A (G.E14) APT3 VRF 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	1947.8	2.	0.000	18.220	0.742	-18.741	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	608.	1.00	0.035	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L2A East Perim Zn (G.E14)T	608.	130.	0.022	0.505	0.	0.00	0.00	12.59	0.00	-13.05	1.

REPORT- SV-A System Design Parameters for L2A (G.WNW18) APT1 VRF 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	1270.5	2.	0.000	22.215	0.742	-22.851	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	741.	1.00	0.043	0.18	0.1	0.30	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L2A WNW Perim Zn (G.WNW18P	741.	85.	0.014	0.389	0.	0.00	0.00	15.58	0.00	-12.96	1.

REPORT- SV-A System Design Parameters for L2A (G.N19) APT2 VRF 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	1039.0	1.	0.000	16.240	0.742	-16.704	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	542.	1.00	0.031	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L2A North Perim Zn (G.N19P	542.	69.	0.012	0.334	0.	0.00	0.00	11.52	0.00	-8.35	1.

REPORT- SV-A System Design Parameters for L2A (G.SW20) RST VRF 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	2287.5	76.	0.000	285.230	0.742	-293.395	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	9515.	1.00	0.547	0.18	0.2	0.48	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS
*** THE NUMBER OF VRF BRANCH LOOPS WAS SET TO: 10 TO SATISFY THE MAX-CAP/UNIT LIMIT OF 30000.(BTU/HR)

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L2A SW Perim Zn (G.SW20)	9515.	8006.	2.347	0.094	8006.	0.00	0.00	149.49	0.00	-45.18	1.

REPORT- SV-A System Design Parameters for L2A (G.C21) MAIL VRF 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	368.5	0.	0.000	3.732	0.742	-3.859	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	100.	1.00	0.006	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L2A Core Zn (G.C21) MAIL	100.	0.	0.000	0.010	0.	0.00	0.00	3.03	0.00	0.03	1.

REPORT- SV-A System Design Parameters for L2A (G.C22) MAIL VRF 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	172.5	0.	0.000	0.691	0.742	-0.714	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	23.	1.00	0.001	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L2A Core Zn (G.C22) MAIL	23.	0.	0.000	0.794	0.	0.00	0.00	0.54	0.00	-0.67	1.

REPORT- SV-A System Design Parameters for L2B (G.N4) APT4 VRF 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	2928.0	4.	0.000	43.090	0.742	-44.318	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1437.	1.00	0.083	0.18	0.2	0.34	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS
*** THE NUMBER OF VRF BRANCH LOOPS WAS SET TO: 2 TO SATISFY THE MAX-CAP/UNIT LIMIT OF 30000.(BTU/HR)

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L2B North Perim Zn (G.N4)T	1437.	195.	0.033	0.310	0.	0.00	0.00	30.80	0.00	-20.78	1.

REPORT- SV-A System Design Parameters for L2B (G.E5) APT1 VRF 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	984.0	1.	0.000	15.557	0.742	-16.001	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	519.	1.00	0.030	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L2B East Perim Zn (G.E5) 1	519.	66.	0.011	0.434	0.	0.00	0.00	11.11	0.00	-9.88	1.

REPORT- SV-A System Design Parameters for L2B (G.W6) APT1 VRF 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	765.0	1.	0.000	10.647	0.742	-10.951	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	355.	1.00	0.020	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L2B West Perim Zn (G.W6) 1	355.	51.	0.009	0.461	0.	0.00	0.00	7.65	0.00	-7.09	1.

REPORT- SV-A System Design Parameters for L2B (G.W7) APT1 VRF 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	654.5	1.	0.000	6.745	0.742	-6.937	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	225.	1.00	0.013	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L2B West Perim Zn (G.W7) 1	225.	44.	0.007	0.305	0.	0.00	0.00	4.77	0.00	-3.21	1.

REPORT- SV-A System Design Parameters for L2B (G.E8) APT1 VRF 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	628.5	1.	0.000	6.439	0.742	-6.623	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	215.	1.00	0.012	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L2B East Perim Zn (G.E8) 1	215.	42.	0.007	0.310	0.	0.00	0.00	4.49	0.00	-3.11	1.

REPORT- SV-A System Design Parameters for L2B (G.E9) APT1 VRF 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	558.0	1.	0.000	7.318	0.742	-7.527	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	244.	1.00	0.014	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L2B East Perim Zn (G.E9) 1	244.	37.	0.006	0.583	0.	0.00	0.00	5.20	0.00	-5.80	1.

REPORT- SV-A System Design Parameters for L2B (G.S10) APT6 VRF 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	2721.0	3.	0.000	36.146	0.742	-37.178	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1206.	1.00	0.069	0.18	0.2	0.34	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS
*** THE NUMBER OF VRF BRANCH LOOPS WAS SET TO: 2 TO SATISFY THE MAX-CAP/UNIT LIMIT OF 30000.(BTU/HR)

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L2B South Perim Zn (G.S10P	1206.	182.	0.030	0.353	0.	0.00	0.00	25.79	0.00	-19.42	1.

REPORT- SV-A System Design Parameters for L2B (G.SSW12) LOB VRF 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	1513.5	50.	0.000	28.235	0.742	-29.060	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	942.	1.00	0.054	0.18	0.1	0.30	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L2B SSW Perim Zn (G.SSW12O	942.	0.	0.000	0.307	252.	0.00	0.00	19.41	0.00	-13.53	1.

REPORT- SV-A System Design Parameters for L2B (G.E23) APT1 VRF 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	714.0	1.	0.000	11.307	0.742	-11.629	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	377.	1.00	0.022	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L2B East Perim Zn (G.E23)T	377.	48.	0.008	0.505	0.	0.00	0.00	8.12	0.00	-8.06	1.

REPORT- SV-A System Design Parameters for L3A (G.E13) APT4 VRF 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	2229.8	3.	0.000	20.806	0.742	-21.400	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	694.	1.00	0.040	0.18	0.1	0.30	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L3A East Perim Zn (G.E13)T	694.	149.	0.025	0.379	0.	0.00	0.00	14.58	0.00	-11.90	1.

REPORT- SV-A System Design Parameters for L3A (G.NW17) APT1 VRF 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	915.5	1.	0.000	14.463	0.742	-14.875	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	482.	1.00	0.028	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L3A NW Perim Zn (G.NW17) 1	482.	61.	0.010	0.358	0.	0.00	0.00	10.34	0.00	-7.86	1.

REPORT- SV-A System Design Parameters for L3A (G.N18) APT3 VRF 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	1566.5	2.	0.000	23.173	0.742	-23.836	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	773.	1.00	0.044	0.18	0.1	0.30	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L3A North Perim Zn (G.N18P	773.	105.	0.017	0.300	0.	0.00	0.00	16.38	0.00	-10.88	1.

REPORT- SV-A System Design Parameters for L3A (G.W21) APT4 VRF 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	2478.2	3.	0.000	30.529	0.742	-31.404	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1018.	1.00	0.059	0.18	0.1	0.30	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS
*** THE NUMBER OF VRF BRANCH LOOPS WAS SET TO: 2 TO SATISFY THE MAX-CAP/UNIT LIMIT OF 30000.(BTU/HR)

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L3A West Perim Zn (G.W21)T	1018.	165.	0.028	0.370	0.	0.00	0.00	21.23	0.00	-17.09	1.

REPORT- SV-A System Design Parameters for L3A (G.SW22) APT1 VRF 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.	0.000	13.947	0.742	-14.344	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	465.	1.00	0.027	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L3A SW Perim Zn (G.SW22) 1	465.	63.	0.011	0.358	0.	0.00	0.00	9.95	0.00	-7.59	1.

REPORT- SV-A System Design Parameters for L3A (G.S24) APT3 VRF 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	1832.5	2.	0.000	25.767	0.742	-26.505	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	860.	1.00	0.049	0.18	0.1	0.30	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L3A South Perim Zn (G.S24P	860.	122.	0.020	0.315	0.	0.00	0.00	18.00	0.00	-12.60	1.

REPORT- SV-A System Design Parameters for L3B (G.N4) APT4 VRF 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	2928.0	4.	0.000	42.462	0.742	-43.676	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1416.	1.00	0.081	0.18	0.2	0.34	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS
*** THE NUMBER OF VRF BRANCH LOOPS WAS SET TO: 2 TO SATISFY THE MAX-CAP/UNIT LIMIT OF 30000.(BTU/HR)

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L3B North Perim Zn (G.N4)T	1416.	195.	0.033	0.295	0.	0.00	0.00	29.83	0.00	-19.61	1.

REPORT- SV-A System Design Parameters for L3B (G.E5) APT1 VRF 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	984.0	1.	0.000	14.939	0.742	-15.366	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	498.	1.00	0.029	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L3B East Perim Zn (G.E5) 1	498.	66.	0.011	0.386	0.	0.00	0.00	10.44	0.00	-8.65	1.

REPORT- SV-A System Design Parameters for L3B (G.W6) APT1 VRF 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	765.0	1.	0.000	11.054	0.742	-11.370	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	369.	1.00	0.021	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L3B West Perim Zn (G.W6) 1	369.	51.	0.009	0.402	0.	0.00	0.00	7.77	0.00	-6.61	1.

REPORT- SV-A System Design Parameters for L3B (G.W7) APT1 VRF 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	654.5	1.	0.000	7.097	0.742	-7.300	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	237.	1.00	0.014	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L3B West Perim Zn (G.W7) 1	237.	44.	0.007	0.324	0.	0.00	0.00	4.92	0.00	-3.56	1.

REPORT- SV-A System Design Parameters for L3B (G.E8) APT1 VRF 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	628.5	1.	0.000	6.749	0.742	-6.942	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	225.	1.00	0.013	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L3B East Perim Zn (G.E8) 1	225.	42.	0.007	0.320	0.	0.00	0.00	4.71	0.00	-3.35	1.

REPORT- SV-A System Design Parameters for L3B (G.E9) APT1 VRF 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	789.0	1.	0.000	10.256	0.742	-10.550	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	342.	1.00	0.020	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L3B East Perim Zn (G.E9) 1	342.	53.	0.009	0.503	0.	0.00	0.00	7.19	0.00	-7.30	1.

REPORT- SV-A System Design Parameters for L3B (G.S10) APT7 VRF 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	3981.5	5.	0.000	51.865	0.742	-53.350	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1730.	1.00	0.099	0.18	0.2	0.37	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS
*** THE NUMBER OF VRF BRANCH LOOPS WAS SET TO: 2 TO SATISFY THE MAX-CAP/UNIT LIMIT OF 30000.(BTU/HR)

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L3B South Perim Zn (G.S10P	1730.	266.	0.044	0.334	0.	0.00	0.00	36.24	0.00	-26.68	1.

REPORT- SV-A System Design Parameters for L3B (G.E19) APT1 VRF 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	714.0	1.	0.000	10.926	0.742	-11.239	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	364.	1.00	0.021	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L3B East Perim Zn (G.E19)T	364.	48.	0.008	0.437	0.	0.00	0.00	7.69	0.00	-6.97	1.

REPORT- SV-A System Design Parameters for L4A (G.E13) APT4 VRF 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	2229.8	3.	0.000	20.873	0.742	-21.469	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	696.	1.00	0.040	0.18	0.1	0.30	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L4A East Perim Zn (G.E13)T	696.	149.	0.025	0.362	0.	0.00	0.00	14.64	0.00	-11.48	1.

REPORT- SV-A System Design Parameters for L4A (G.NW17) APT1 VRF 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	915.5	1.	0.000	14.515	0.742	-14.928	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	484.	1.00	0.028	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L4A NW Perim Zn (G.NW17) 1	484.	61.	0.010	0.323	0.	0.00	0.00	10.39	0.00	-7.24	1.

REPORT- SV-A System Design Parameters for L4A (G.N18) APT3 VRF 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	1566.5	2.	0.000	23.299	0.742	-23.965	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	777.	1.00	0.045	0.18	0.1	0.30	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L4A North Perim Zn (G.N18P	777.	105.	0.017	0.283	0.	0.00	0.00	16.48	0.00	-10.38	1.

REPORT- SV-A System Design Parameters for L4A (G.W21) APT4 VRF 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	2478.2	3.	0.000	30.397	0.742	-31.267	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1014.	1.00	0.058	0.18	0.1	0.30	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS
*** THE NUMBER OF VRF BRANCH LOOPS WAS SET TO: 2 TO SATISFY THE MAX-CAP/UNIT LIMIT OF 30000.(BTU/HR)

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L4A West Perim Zn (G.W21)T	1014.	165.	0.028	0.324	0.	0.00	0.00	21.14	0.00	-15.22	1.

REPORT- SV-A System Design Parameters for L4A (G.SW22) APT1 VRF 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.	0.000	14.067	0.742	-14.468	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	469.	1.00	0.027	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L4A SW Perim Zn (G.SW22) 1	469.	63.	0.011	0.330	0.	0.00	0.00	10.01	0.00	-7.15	1.

REPORT- SV-A System Design Parameters for L4A (G.S24) APT3 VRF 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	1832.5	2.	0.000	25.332	0.742	-26.057	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	845.	1.00	0.049	0.18	0.1	0.30	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L4A South Perim Zn (G.S24P	845.	122.	0.020	0.280	0.	0.00	0.00	17.72	0.00	-11.20	1.

REPORT- SV-A System Design Parameters for L4B (G.N4) APT4 VRF 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	2928.0	4.	0.000	42.684	0.742	-43.905	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1424.	1.00	0.082	0.18	0.2	0.34	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS
*** THE NUMBER OF VRF BRANCH LOOPS WAS SET TO: 2 TO SATISFY THE MAX-CAP/UNIT LIMIT OF 30000.(BTU/HR)

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L4B North Perim Zn (G.N4)T	1424.	195.	0.033	0.279	0.	0.00	0.00	30.00	0.00	-18.77	1.

REPORT- SV-A System Design Parameters for L4B (G.E5) APT1 VRF 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	984.0	1.	0.000	15.085	0.742	-15.517	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	503.	1.00	0.029	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L4B East Perim Zn (G.E5) 1	503.	66.	0.011	0.356	0.	0.00	0.00	10.55	0.00	-8.17	1.

REPORT- SV-A System Design Parameters for L4B (G.W6) APT1 VRF 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	765.0	1.	0.000	11.696	0.742	-12.031	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	390.	1.00	0.022	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L4B West Perim Zn (G.W6) 1	390.	51.	0.009	0.352	0.	0.00	0.00	8.20	0.00	-6.28	1.

REPORT- SV-A System Design Parameters for L4B (G.W7) APT1 VRF 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	654.5	1.	0.000	7.156	0.742	-7.361	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	239.	1.00	0.014	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L4B West Perim Zn (G.W7) 1	239.	44.	0.007	0.307	0.	0.00	0.00	4.97	0.00	-3.43	1.

REPORT- SV-A System Design Parameters for L4B (G.E8) APT1 VRF 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	628.5	1.	0.000	6.793	0.742	-6.987	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	227.	1.00	0.013	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L4B East Perim Zn (G.E8) 1	227.	42.	0.007	0.303	0.	0.00	0.00	4.75	0.00	-3.21	1.

REPORT- SV-A System Design Parameters for L4B (G.E9) APT1 VRF 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	789.0	1.	0.000	10.270	0.742	-10.564	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	343.	1.00	0.020	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L4B East Perim Zn (G.E9) 1	343.	53.	0.009	0.442	0.	0.00	0.00	7.17	0.00	-6.62	1.

REPORT- SV-A System Design Parameters for L4B (G.S10) APT7 VRF 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	3981.5	5.	0.000	51.138	0.742	-52.603	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1706.	1.00	0.098	0.18	0.2	0.37	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS
*** THE NUMBER OF VRF BRANCH LOOPS WAS SET TO: 2 TO SATISFY THE MAX-CAP/UNIT LIMIT OF 30000.(BTU/HR)

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L4B South Perim Zn (G.S10P	1706.	266.	0.044	0.304	0.	0.00	0.00	35.63	0.00	-24.26	1.

REPORT- SV-A System Design Parameters for L4B (G.E19) APT1 VRF 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	714.0	1.	0.000	11.185	0.742	-11.505	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	373.	1.00	0.021	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L4B East Perim Zn (G.E19)T	373.	48.	0.008	0.394	0.	0.00	0.00	7.87	0.00	-6.58	1.

REPORT- SV-A System Design Parameters for L5A (G.E13) APT4 VRF 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	2229.8	3.	0.000	21.003	0.742	-21.603	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	701.	1.00	0.040	0.18	0.1	0.30	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L5A East Perim Zn (G.E13)T	701.	149.	0.025	0.360	0.	0.00	0.00	14.74	0.00	-11.49	1.

REPORT- SV-A System Design Parameters for L5A (G.NW17) APT1 VRF 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	915.5	1.	0.000	14.860	0.742	-15.283	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	496.	1.00	0.028	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L5A NW Perim Zn (G.NW17) 1	496.	61.	0.010	0.323	0.	0.00	0.00	10.63	0.00	-7.41	1.

REPORT- SV-A System Design Parameters for L5A (G.N18) APT3 VRF 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	1566.5	2.	0.000	23.777	0.742	-24.456	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	793.	1.00	0.046	0.18	0.1	0.30	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L5A North Perim Zn (G.N18P	793.	105.	0.017	0.281	0.	0.00	0.00	16.81	0.00	-10.55	1.

REPORT- SV-A System Design Parameters for L5A (G.W21) APT4 VRF 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	2478.2	3.	0.000	30.426	0.742	-31.297	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1015.	1.00	0.058	0.18	0.1	0.30	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS
*** THE NUMBER OF VRF BRANCH LOOPS WAS SET TO: 2 TO SATISFY THE MAX-CAP/UNIT LIMIT OF 30000.(BTU/HR)

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L5A West Perim Zn (G.W21)T	1015.	165.	0.028	0.323	0.	0.00	0.00	21.16	0.00	-15.22	1.

REPORT- SV-A System Design Parameters for L5A (G.SW22) APT1 VRF 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.	0.000	14.154	0.742	-14.558	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	472.	1.00	0.027	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L5A SW Perim Zn (G.SW22) 1	472.	63.	0.011	0.328	0.	0.00	0.00	10.08	0.00	-7.16	1.

REPORT- SV-A System Design Parameters for L5A (G.S24) APT3 VRF 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	1832.5	2.	0.000	25.347	0.742	-26.073	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	846.	1.00	0.049	0.18	0.1	0.30	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L5A South Perim Zn (G.S24P	846.	122.	0.020	0.280	0.	0.00	0.00	17.73	0.00	-11.20	1.

REPORT- SV-A System Design Parameters for L5B (G.N4) APT4 VRF 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	2928.0	4.	0.000	42.791	0.742	-44.015	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1427.	1.00	0.082	0.18	0.2	0.34	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS
*** THE NUMBER OF VRF BRANCH LOOPS WAS SET TO: 2 TO SATISFY THE MAX-CAP/UNIT LIMIT OF 30000.(BTU/HR)

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L5B North Perim Zn (G.N4)T	1427.	195.	0.033	0.278	0.	0.00	0.00	30.08	0.00	-18.77	1.

REPORT- SV-A System Design Parameters for L5B (G.E5) APT1 VRF 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	984.0	1.	0.000	15.148	0.742	-15.582	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	505.	1.00	0.029	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L5B East Perim Zn (G.E5) 1	505.	66.	0.011	0.354	0.	0.00	0.00	10.59	0.00	-8.17	1.

REPORT- SV-A System Design Parameters for L5B (G.W6) APT1 VRF 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	765.0	1.	0.000	11.829	0.742	-12.167	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	395.	1.00	0.023	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L5B West Perim Zn (G.W6) 1	395.	51.	0.009	0.349	0.	0.00	0.00	8.30	0.00	-6.30	1.

REPORT- SV-A System Design Parameters for L5B (G.W7) APT1 VRF 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	654.5	1.	0.000	7.296	0.742	-7.505	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	243.	1.00	0.014	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L5B West Perim Zn (G.W7) 1	243.	44.	0.007	0.301	0.	0.00	0.00	5.09	0.00	-3.44	1.

REPORT- SV-A System Design Parameters for L5B (G.E8) APT1 VRF 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	628.5	1.	0.000	6.814	0.742	-7.009	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	227.	1.00	0.013	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L5B East Perim Zn (G.E8) 1	227.	42.	0.007	0.302	0.	0.00	0.00	4.76	0.00	-3.21	1.

REPORT- SV-A System Design Parameters for L5B (G.E9) APT1 VRF 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	789.0	1.	0.000	10.696	0.742	-11.002	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	357.	1.00	0.021	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L5B East Perim Zn (G.E9) 1	357.	53.	0.009	0.425	0.	0.00	0.00	7.48	0.00	-6.68	1.

REPORT- SV-A System Design Parameters for L5B (G.S10) APT7 VRF 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	3981.5	5.	0.000	51.159	0.742	-52.624	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1707.	1.00	0.098	0.18	0.2	0.37	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS
*** THE NUMBER OF VRF BRANCH LOOPS WAS SET TO: 2 TO SATISFY THE MAX-CAP/UNIT LIMIT OF 30000.(BTU/HR)

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L5B South Perim Zn (G.S10P	1707.	266.	0.044	0.304	0.	0.00	0.00	35.65	0.00	-24.26	1.

REPORT- SV-A System Design Parameters for L5B (G.E19) APT1 VRF 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	714.0	1.	0.000	11.482	0.742	-11.810	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	383.	1.00	0.022	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L5B East Perim Zn (G.E19)T	383.	48.	0.008	0.387	0.	0.00	0.00	8.07	0.00	-6.66	1.

REPORT- SV-A System Design Parameters for L6A (G.E13) APT4 VRF 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	2229.8	3.	0.000	21.575	0.742	-22.191	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	720.	1.00	0.041	0.18	0.1	0.30	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L6A East Perim Zn (G.E13)T	720.	149.	0.025	0.361	0.	0.00	0.00	15.20	0.00	-11.85	1.

REPORT- SV-A System Design Parameters for L6A (G.NW17) APT1 VRF 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	731.2	1.	0.000	12.928	0.742	-13.295	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	431.	1.00	0.025	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L6A NW Perim Zn (G.NW17) 1	431.	49.	0.008	0.323	0.	0.00	0.00	9.33	0.00	-6.44	1.

REPORT- SV-A System Design Parameters for L6A (G.N18) APT3 VRF 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	1404.0	2.	0.000	23.806	0.742	-24.485	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	794.	1.00	0.046	0.18	0.1	0.30	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L6A North Perim Zn (G.N18P	794.	94.	0.016	0.262	0.	0.00	0.00	16.90	0.00	-9.90	1.

REPORT- SV-A System Design Parameters for L6A (G.W21) APT4 VRF 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	2478.2	3.	0.000	32.191	0.742	-33.113	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1074.	1.00	0.062	0.18	0.1	0.30	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS
*** THE NUMBER OF VRF BRANCH LOOPS WAS SET TO: 2 TO SATISFY THE MAX-CAP/UNIT LIMIT OF 30000.(BTU/HR)

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L6A West Perim Zn (G.W21)T	1074.	165.	0.028	0.321	0.	0.00	0.00	22.40	0.00	-15.98	1.

REPORT- SV-A System Design Parameters for L6A (G.SW22) APT1 VRF 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.	0.000	14.194	0.742	-14.598	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	473.	1.00	0.027	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L6A SW Perim Zn (G.SW22) 1	473.	63.	0.011	0.329	0.	0.00	0.00	10.14	0.00	-7.20	1.

REPORT- SV-A System Design Parameters for L6A (G.S24) APT3 VRF 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	1832.5	2.	0.000	25.960	0.742	-26.704	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	866.	1.00	0.050	0.18	0.1	0.30	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L6A South Perim Zn (G.S24P	866.	122.	0.020	0.287	0.	0.00	0.00	18.17	0.00	-11.71	1.

REPORT- SV-A System Design Parameters for L6B (G.N4) APT4 VRF 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	2928.0	4.	0.000	43.558	0.742	-44.804	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1453.	1.00	0.083	0.18	0.2	0.34	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS
*** THE NUMBER OF VRF BRANCH LOOPS WAS SET TO: 2 TO SATISFY THE MAX-CAP/UNIT LIMIT OF 30000.(BTU/HR)

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L6B North Perim Zn (G.N4)T	1453.	195.	0.033	0.277	0.	0.00	0.00	30.63	0.00	-19.05	1.

REPORT- SV-A System Design Parameters for L6B (G.E5) APT1 VRF 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	984.0	1.	0.000	15.485	0.742	-15.929	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	517.	1.00	0.030	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L6B East Perim Zn (G.E5) 1	517.	66.	0.011	0.349	0.	0.00	0.00	10.82	0.00	-8.26	1.

REPORT- SV-A System Design Parameters for L6B (G.W6) APT1 VRF 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	765.0	1.	0.000	11.996	0.742	-12.339	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	400.	1.00	0.023	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L6B West Perim Zn (G.W6) 1	400.	51.	0.009	0.344	0.	0.00	0.00	8.42	0.00	-6.31	1.

REPORT- SV-A System Design Parameters for L6B (G.W7) APT1 VRF 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	654.5	1.	0.000	7.516	0.742	-7.731	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	251.	1.00	0.014	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L6B West Perim Zn (G.W7) 1	251.	44.	0.007	0.293	0.	0.00	0.00	5.25	0.00	-3.46	1.

REPORT- SV-A System Design Parameters for L6B (G.E8) APT1 VRF 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	628.5	1.	0.000	6.860	0.742	-7.056	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	229.	1.00	0.013	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L6B East Perim Zn (G.E8) 1	229.	42.	0.007	0.300	0.	0.00	0.00	4.80	0.00	-3.22	1.

REPORT- SV-A System Design Parameters for L6B (G.E9) APT1 VRF 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	789.0	1.	0.000	11.567	0.742	-11.898	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	386.	1.00	0.022	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L6B East Perim Zn (G.E9) 1	386.	53.	0.009	0.393	0.	0.00	0.00	8.12	0.00	-6.79	1.

REPORT- SV-A System Design Parameters for L6B (G.S10) APT7 VRF 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	3981.5	5.	0.000	51.212	0.742	-52.679	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1708.	1.00	0.098	0.18	0.2	0.37	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS
*** THE NUMBER OF VRF BRANCH LOOPS WAS SET TO: 2 TO SATISFY THE MAX-CAP/UNIT LIMIT OF 30000.(BTU/HR)

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L6B South Perim Zn (G.S10P	1708.	266.	0.044	0.303	0.	0.00	0.00	35.69	0.00	-24.26	1.

REPORT- SV-A System Design Parameters for L6B (G.E19) APT1 VRF 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	659.0	1.	0.000	11.697	0.742	-12.032	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	390.	1.00	0.022	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L6B East Perim Zn (G.E19)T	390.	44.	0.007	0.378	0.	0.00	0.00	8.22	0.00	-6.65	1.

REPORT- SV-A System Design Parameters for L7A (G.E13) APT2 VRF 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	956.8	1.	0.000	9.770	0.742	-10.049	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	326.	1.00	0.019	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L7A East Perim Zn (G.E13)T	326.	64.	0.011	0.360	0.	0.00	0.00	6.85	0.00	-5.35	1.

REPORT- SV-A System Design Parameters for L7A (G.W18) APT2 VRF 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	999.0	1.	0.000	12.801	0.742	-13.168	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	427.	1.00	0.025	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L7A West Perim Zn (G.W18)T	427.	67.	0.011	0.338	0.	0.00	0.00	9.01	0.00	-6.64	1.

REPORT- SV-A System Design Parameters for L7A (G.SW19) APT1 VRF 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	891.8	1.	0.000	14.064	0.742	-14.466	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	469.	1.00	0.027	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L7A SW Perim Zn (G.SW19) 1	469.	60.	0.010	0.318	0.	0.00	0.00	9.84	0.00	-6.93	1.

REPORT- SV-A System Design Parameters for L7A (G.NW21) AMN VRF 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	778.0	0.	0.000	15.749	0.742	-16.200	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	525.	1.00	0.030	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L7A NW Perim Zn (G.NW21)	525.	0.	0.000	0.240	47.	0.00	0.00	11.05	0.00	-6.07	1.

REPORT- SV-A System Design Parameters for L7A (G.NE22) AMN VRF 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	829.5	0.	0.000	15.113	0.742	-15.546	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	504.	1.00	0.029	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L7A NE Perim Zn (G.NE22)	504.	0.	0.000	0.251	50.	0.00	0.00	10.61	0.00	-6.05	1.

REPORT- SV-A System Design Parameters for L7A (G.SSE23) APT2 VRF 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	1282.5	2.	0.000	18.412	0.742	-18.940	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	614.	1.00	0.035	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L7A SSE Perim Zn (G.SSE23P	614.	86.	0.014	0.324	0.	0.00	0.00	12.91	0.00	-9.22	1.

REPORT- SV-A System Design Parameters for L7B (G.N4) APT4 VRF 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	2668.0	3.	0.000	45.312	0.742	-46.608	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1512.	1.00	0.087	0.18	0.2	0.34	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS
*** THE NUMBER OF VRF BRANCH LOOPS WAS SET TO: 2 TO SATISFY THE MAX-CAP/UNIT LIMIT OF 30000.(BTU/HR)

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L7B North Perim Zn (G.N4)T	1512.	178.	0.030	0.269	0.	0.00	0.00	31.87	0.00	-19.34	1.

REPORT- SV-A System Design Parameters for L7B (G.E5) APT1 VRF 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	919.0	1.	0.000	16.427	0.742	-16.898	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	548.	1.00	0.031	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L7B East Perim Zn (G.E5) 1	548.	61.	0.010	0.343	0.	0.00	0.00	11.46	0.00	-8.62	1.

REPORT- SV-A System Design Parameters for L7B (G.W6) APT1 VRF 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	765.0	1.	0.000	13.437	0.742	-13.821	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	448.	1.00	0.026	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L7B West Perim Zn (G.W6) 1	448.	51.	0.009	0.353	0.	0.00	0.00	9.41	0.00	-7.22	1.

REPORT- SV-A System Design Parameters for L7B (G.W7) APT1 VRF 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	654.5	1.	0.000	9.225	0.742	-9.489	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	308.	1.00	0.018	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L7B West Perim Zn (G.W7) 1	308.	44.	0.007	0.323	0.	0.00	0.00	6.49	0.00	-4.61	1.

REPORT- SV-A System Design Parameters for L7B (G.E8) APT1 VRF 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	628.5	1.	0.000	7.972	0.742	-8.200	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	266.	1.00	0.015	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L7B East Perim Zn (G.E8) 1	266.	42.	0.007	0.350	0.	0.00	0.00	5.56	0.00	-4.27	1.

REPORT- SV-A System Design Parameters for L7B (G.E9) APT1 VRF 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	789.0	1.	0.000	14.309	0.742	-14.718	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	477.	1.00	0.027	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L7B East Perim Zn (G.E9) 1	477.	53.	0.009	0.360	0.	0.00	0.00	10.02	0.00	-7.82	1.

REPORT- SV-A System Design Parameters for L7B (G.SSW10) APT7 VRF 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	3981.5	5.	0.000	58.116	0.742	-59.781	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1939.	1.00	0.111	0.18	0.2	0.37	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.625(IN)

*** THE ABOVE CHARACTERISTICS ARE FOR EACH OF: 1 AIR HANDLERS
*** THE NUMBER OF VRF BRANCH LOOPS WAS SET TO: 2 TO SATISFY THE MAX-CAP/UNIT LIMIT OF 30000.(BTU/HR)

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L7B SSW Perim Zn (G.SSW10P	1939.	266.	0.044	0.337	0.	0.00	0.00	40.63	0.00	-30.06	1.

REPORT- SV-A System Design Parameters for L8A (G.E3) APT2 VRF 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	956.8	1.	0.000	10.849	0.742	-11.159	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	362.	1.00	0.021	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L8A East Perim Zn (G.E3) 2	362.	64.	0.011	0.391	0.	0.00	0.00	7.58	0.00	-6.34	1.

REPORT- SV-A System Design Parameters for L8A (G.W8) APT2 VRF 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	891.0	1.	0.000	13.332	0.742	-13.714	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	445.	1.00	0.026	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L8A West Perim Zn (G.W8) 2	445.	59.	0.010	0.344	0.	0.00	0.00	9.34	0.00	-7.01	1.

REPORT- SV-A System Design Parameters for L8A (G.SW9) APT1 VRF 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	688.5	1.	0.000	12.166	0.742	-12.514	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	406.	1.00	0.023	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L8A SW Perim Zn (G.SW9) A	406.	46.	0.008	0.325	0.	0.00	0.00	8.49	0.00	-6.10	1.

REPORT- SV-A System Design Parameters for L8A (G.NW11) APT1 VRF 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	776.5	1.	0.000	16.533	0.742	-17.007	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	552.	1.00	0.032	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L8A NW Perim Zn (G.NW11) 1	552.	52.	0.009	0.284	0.	0.00	0.00	11.53	0.00	-7.40	1.

REPORT- SV-A System Design Parameters for L8A (G.NE12) APT1 VRF 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	948.8	1.	0.000	16.758	0.742	-17.238	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	559.	1.00	0.032	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L8A NE Perim Zn (G.NE12) 1	559.	63.	0.011	0.301	0.	0.00	0.00	11.72	0.00	-7.88	1.

REPORT- SV-A System Design Parameters for L8A (G.S13) APT1 VRF 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	540.0	1.	0.000	8.738	0.742	-8.988	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	291.	1.00	0.017	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L8A South Perim Zn (G.S13P	291.	36.	0.006	0.291	0.	0.00	0.00	6.15	0.00	-3.99	1.

REPORT- SV-A System Design Parameters for L8A (G.SE14) APT1 VRF 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	540.0	1.	0.000	9.005	0.742	-9.263	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	300.	1.00	0.017	0.18	0.1	0.25	0.62	DRAW-THRU	SPEED	1.00	0.30

VRF BRANCH GAS PIPE NOMINAL DIA: 0.500(IN)

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L8A SE Perim Zn (G.SE14) 1	300.	36.	0.006	0.355	0.	0.00	0.00	6.34	0.00	-4.87	1.

REPORT- SV-A System Design Parameters for RTU-1 (Corridor DOAS) 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)
SZRH	1.001	16630.2	0.	0.972	0.000	0.000	-20.472	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	2802.	1.00	3.457	3.84	5.7	0.54	0.62	DRAW-THRU	CONSTANT	1.00	0.30

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L1A Core Zn (G.C21) COR	21.	0.	0.000	1.000	9.	0.00	0.00	0.01	0.00	-0.12	1.
P1B Core Zn (B.C12) COR	419.	0.	0.000	1.000	75.	0.00	0.00	-1.53	0.00	-4.20	1.
L1A Core Zn (G.C22) COR	119.	0.	0.000	1.000	40.	0.00	0.00	-0.24	0.00	-0.94	1.
L1B Core Zn (G.C4) COR	123.	0.	0.000	1.000	142.	0.00	0.00	-0.14	0.00	-1.11	1.
L2A Core Zn (G.C26) COR	144.	0.	0.000	1.000	167.	0.00	0.00	0.12	0.00	-1.16	1.
L2B Core Zn (G.C3) COR	162.	0.	0.000	1.000	187.	0.00	0.00	1.24	0.00	-1.06	1.
L3A Core Zn (G.C23) COR	96.	0.	0.000	1.000	112.	0.00	0.00	0.72	0.00	-0.52	1.
L3B North Perim Zn (G.N3)R	247.	0.	0.000	1.000	286.	0.00	0.00	1.17	0.00	-0.98	1.
L4A Core Zn (G.C23) COR	96.	0.	0.000	1.000	112.	0.00	0.00	0.74	0.00	-0.52	1.
L4B North Perim Zn (G.N3)R	247.	0.	0.000	1.000	286.	0.00	0.00	1.24	0.00	-0.94	1.
L5A Core Zn (G.C23) COR	96.	0.	0.000	1.000	112.	0.00	0.00	0.74	0.00	-0.52	1.
L5B North Perim Zn (G.N3)R	247.	0.	0.000	1.000	286.	0.00	0.00	1.24	0.00	-0.91	1.
L6A Core Zn (G.C23) COR	96.	0.	0.000	1.000	112.	0.00	0.00	0.68	0.00	-0.49	1.
L6B North Perim Zn (G.N3)R	247.	0.	0.000	1.000	286.	0.00	0.00	1.24	0.00	-0.87	1.
L7A Core Zn (G.C20) COR	88.	0.	0.000	1.000	102.	0.00	0.00	0.49	0.00	-0.21	1.
L7B North Perim Zn (G.N3)R	247.	0.	0.000	1.000	286.	0.00	0.00	0.85	0.00	-0.35	1.
L8A Core Zn (G.C10) COR	106.	0.	0.000	1.000	123.	0.00	0.00	0.40	0.00	-0.27	1.

REPORT- SV-A System Design Parameters for Freeze Protect 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)
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 NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
L2B South Perim Zn (G.S27E	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.C1) ELV	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
									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	1.
									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	1.
									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	1.
									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	1.
									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	1.
									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	1.
									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	1.
									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	1.
									0.00	(BASEBOARDS)	
P2A NNW Perim Zn (B.NNW13K	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	-15.70	1.
									-15.70	(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	1.
									0.00	(BASEBOARDS)	
P2B South Perim Zn (B.S10K	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	-161.86	1.
									-161.86	(BASEBOARDS)	
P2B NNE Perim Zn (B.NNE12K	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	-27.28	1.
									-27.28	(BASEBOARDS)	
P1B South Perim Zn (B.S6)G	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	-42.77	1.
									-42.77	(BASEBOARDS)	
P1B NNE Perim Zn (B.NNE9)G	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	-34.74	1.
									-34.74	(BASEBOARDS)	
L1A East Perim Zn (G.E18)H	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	-0.19	1.
									-0.19	(BASEBOARDS)	
L1A Core Zn (G.C20) TSHF	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	-0.41	1.
									-0.41	(BASEBOARDS)	
L2A East Perim Zn (G.E13)H	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	-0.23	1.
									-0.23	(BASEBOARDS)	
L2A Core Zn (G.C15) TSHF	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
									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	-0.43	1.
									-0.43	(BASEBOARDS)	
L3A Core Zn (G.C14) TSHF	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
									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	-0.40	1.
									-0.40	(BASEBOARDS)	
L4A Core Zn (G.C14) TSHF	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
									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	-0.40	1.
									-0.40	(BASEBOARDS)	
L5A Core Zn (G.C14) TSHF	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
									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	-0.40	1.
									-0.40	(BASEBOARDS)	
L6A Core Zn (G.C14) TSHF	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
									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	-0.40	1.
									-0.40	(BASEBOARDS)	
L7A Core Zn (G.C14) TSHF	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
									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	-0.45	1.
									-0.45	(BASEBOARDS)	
L8A Core Zn (G.C4) TSHF	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.C1) STR	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.C2) ELV	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
										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	1.
										0.00 (BASEBOARDS)	
P2B Core Zn (B.C5) STR	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
										0.00 (BASEBOARDS)	
P2B SE Perim Zn (B.SE8) M	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
										0.00 (BASEBOARDS)	
P1A Core Zn (B.C1) STR	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
										0.00 (BASEBOARDS)	
P1A Core Zn (B.C2) ELV	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
P1A NNW Perim Zn (B.NNW8)C	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
P1B Core Zn (B.C4) ELV	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
										0.00 (BASEBOARDS)	
P1B SE Perim Zn (B.SE5) M	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
										0.00 (BASEBOARDS)	
P1B ENE Perim Zn (B.ENE10E	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.C1) STR	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.C2) ELV	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 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 OFFICE DOAS ERV 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)
DOAS	1.001	4228.0	119.	1.000	0.000	0.000	-13.650	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	1236.	0.00	1.920	4.84	7.1	0.54	0.62	DRAW-THRU	CONSTANT	1.10	0.10

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

SYSTEM NAME / ZONE NAME	OA ATTACHED TO MIXED AIR (CFM)	OA ATTACHED TO ZONE (CFM)	MULT
L1A (G.S17) LOB VRF			
L1A South Perim Zn (G.S17) LOB	0.	257.	1.
L1B (G.SSW13) CONF VRF			
L1B SSW Perim Zn (G.SSW13) CONF	0.	73.	1.
L1B (G.C14) OFF VRF			
L1B Core Zn (G.C14) OFF	0.	22.	1.
L2A (G.C21) MAIL VRF			
L2A Core Zn (G.C21) MAIL	0.	0.	1.
L2B (G.SSW12) LOB VRF			
L2B SSW Perim Zn (G.SSW12) LOB	0.	252.	1.
TOTAL:	0.	605.	

REPORT- SV-A System Design Parameters for REST DOAS 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)
DOAS	1.001	2287.5	76.	1.000	0.000	0.000	-311.437	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	8006.	0.00	5.480	2.13	3.2	0.55	0.62	DRAW-THRU	SPEED	1.10	0.10

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

SYSTEM NAME / ZONE NAME	OA ATTACHED TO MIXED AIR (CFM)	OA ATTACHED TO ZONE (CFM)	MULT
L2A (G.SW20) RST VRF			
L2A SW Perim Zn (G.SW20) RST	0.	8006.	1.
TOTAL:	0.	8006.	

REPORT- SV-A System Design Parameters for FN-2-1 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)
PSZ	1.001	475.0	0.	0.181	0.000	0.000	-14.211	0.251	1.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	430.	1.00	0.060	0.43	0.4	0.30	0.62	DRAW-THRU	CONSTANT	1.00	0.30

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

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
P2A Core Zn (B.C3) COR	60.	0.	0.000	1.000	39.	0.00	0.00	0.40	0.00	-2.15	1.
									-1.41	(BASEBOARDS)	
P1A Core Zn (B.C3) COR	370.	0.	0.000	1.000	39.	0.00	0.00	2.46	0.00	-4.13	1.
									-3.73	(BASEBOARDS)	

REPORT- SV-A System Design Parameters for Amenity ERV 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)
DOAS	1.001	1607.5	0.	1.000	0.000	0.000	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	97.	0.00	0.119	3.85	3.9	0.37	0.62	DRAW-THRU	CONSTANT	1.10	0.10

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

SYSTEM NAME / ZONE NAME	OA ATTACHED TO MIXED AIR (CFM)	OA ATTACHED TO ZONE (CFM)	MULT
L7A (G.NW21) AMN VRF			
L7A NW Perim Zn (G.NW21) AMN	0.	47.	1.
L7A (G.NE22) AMN VRF			
L7A NE Perim Zn (G.NE22) AMN	0.	50.	1.
TOTAL:	0.	97.	