in space: L2B North Perim Spc (G.N4) APT4

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

## ---WINDOWS---SURFACE U-VALUE AREA U-VALUE AREA U-VALUE AREA AZIMUTH (BTU/HR-SQFT-F) (SQFT) (BTU/HR-SQFT-F) (SQFT) (BTU/HR-SQFT-F) P1 East Wall (B.NE14.U16) 2 0.000 0.00 0 063 275.00 0.063 275 00 NORTH in space: P1B NE Perim Spc (B.NE14) APT1 L1 East Slab (G.C3.S2) 0.235 3.35 0.235 3.35 NORTH in space: L1B Core Spc (G.C3) STR L1 East Wall (G.C3.E2) 0.000 0.00 0.063 45.20 0.063 45.20 NORTH in space: L1B Core Spc (G.C3) STR 0.000 0.00 0.235 19.43 19.43 NORTH L1 East Slab (G.E6.S6) 0.235 in space: L1B East Perim Spc (G.E6) APT1 0.400 L1 East Wall (G.E6.E6) 62.70 0.063 199.46 0.144 262.16 NORTH in space: L1B East Perim Spc (G.E6) APT1 L1 East Slab (G.E9.S12) 0.000 0.00 0.235 12.06 0.235 12.06 NORTH in space: L1B East Perim Spc (G.E9) APT1 L1 East Wall (G.E9.E12) 38.92 0.063 123.80 0.144 162.72 NORTH in space: L1B East Perim Spc (G.E9) APT1 L1 East Wall (G.E10.E13) 0 400 60.54 0.063 192.58 0.144 253.12 NORTH in space: L1B East Perim Spc (G.E10) APT1 L1 East Slab (G.S17.S25) 0.000 0.00 0.67 NORTH 0.235 0.67 0.235 in space: L1A South Perim Spc (G.S17) LOB L1 East Wall (G.S17.E25) 0 500 7 07 0.063 1 97 0 405 9 04 NORTH in space: L1A South Perim Spc (G.S17) LOB L1 East Slab (G.E18.S26) \$X 0.00 0.235 5.70 0.235 5.70 NORTH in space: L1A East Perim Spc (G.E18) GSHF L1 East Wall (G.E18.E26) \$X 0.000 0.00 0.063 76.84 0.063 76.84 NORTH in space: L1A East Perim Spc (G.E18) GSHF L1 East Slab (G.E19.S27) 0.000 0.00 0.235 19.10 0.235 19.10 NORTH in space: L1A East Perim Spc (G.E19) APT2 L1 East Wall (G.E19.E27) 0.400 61.62 0.063 196.02 257.64 NORTH 0.144 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) 127.24 167.24 NORTH 0.400 40.00 0.063 0.144 in space: L1A NNE Perim Spc (G.NNE24) APT1 L1 East Slab (G.E29.S43) 0.000 0.00 0.235 0.67 0.235 0.67 NORTH in space: L1B East Perim Spc (G.E29) APT1 L1 East Wall (G.E29.E43) 0.000 0.00 0.063 9.04 0.063 9.04 NORTH in space: L1B East Perim Spc (G.E29) APT1 L1 East Slab (G.E29.S45) 0.000 0.00 0.235 16.42 0.235 16.42 NORTH in space: L1B East Perim Spc (G.E29) APT1 L1 East Wall (G.E29.E45) 52.97 0.063 168.51 0.144 221.48 NORTH in space: L1B East Perim Spc (G.E29) APT1 0.000 3.35 NORTH L2 East Slab (G.N4.S3) 0.00 0.235 3.35 0.235 in space: L2B North Perim Spc (G.N4) APT4 L2 East Wall (G.N4.E3) 10.81 0.063 53.34 0.120 64.15 NORTH in space: L2B North Perim Spc (G.N4) APT4 0.000 L2 East Slab (G.N4.S7) 0.00 0.235 3.35 0.235 3.35 NORTH in space: L2B North Perim Spc (G.N4) APT4 L2 East Wall (G.N4.E7) 0.400 10.81 0.063 53.34 0.120 64.15 NORTH

in space: L2A WNW Perim Spc (G.WNW18) APT1

in space: L3B East Perim Spc (G.E8) APT1

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

in space: L4A East Perim Spc (G.E13) APT4

in space: L7B East Perim Spc (G.E5) APT1

in space: L3B South Perim Spc (G.S10) APT7

in space: L5B South Perim Spc (G.S10) APT7

in space: L6B East Perim Spc (G.E5) APT1

in space: L6B South Perim Spc (G.S10) APT7

in space: L7B SSW Perim Spc (G.SSW10) APT7

in space: L3B South Perim Spc (G.S10) APT7

in space: L5A North Perim Spc (G.N18) APT3

in space: L6A SW Perim Spc (G.SW22) APT1

in space: L3A NW Perim Spc (G.NW17) APT1

in space: L1A North Perim Spc (G.N28) APT3

L3 North Slab (G.N4.S5)

L3 North Wall (G.N4.E5)

L2 North Slab (G.E5.S22)

L6 North Wall (G.E5.E21)

L2 North Wall (G.E5.E22)

L3 North Slab (G.N4.S7)

L6 North Wall (G.E5.E23)

in space: L3B North Perim Spc (G.N4) APT4

in space: L3B North Perim Spc (G.N4) APT4

in space: L2B East Perim Spc (G.E5) APT1

in space: L6B East Perim Spc (G.E5) APT1

in space: L2B East Perim Spc (G.E5) APT1

in space: L6B East Perim Spc (G.E5) APT1

in space: L3B North Perim Spc (G.N4) APT4

0.235

0.063

0.235

0.063

0.063

0.063

0.235

46.80

0.00

46.80

46.80

46.80

0.00

8.71

71.24

8.71

79.95

119.99

79.95

6.70

0.235

0.197

0.235

0.187

0.158

0.187

0.235

8.71 WEST

8.71 WEST

118.04 WEST

126.75 WEST

166.79 WEST

126.75 WEST

6.70 WEST

0.000

0.400

0.000

0.400

0.400

0.000

in space: L3B North Perim Spc (G.N4) APT4

in space: L3B East Perim Spc (G.E5) APT1

in space: L3A West Perim Spc (G.W21) APT4

in space: L2A WNW Perim Spc (G.WNW18) APT1

DOE-2.3-50h 1/13/2023 10:27:56 BDL RUN 9

REPORT- LV-D Details of Exterior Surfaces				WEATHER FILE	- SEATTLE BOE	ING FI WA
					(CONTIN	
L2 Flr (G.WNW18) 2 0.000	0.00	0.038	11.25	0.038	11.25	FLOOR
in space: L2A WNW Perim Spc (G.WNW18) APT1 L2 Flr (G.WNW18) 3 0.000	0.00	0.038	55.00	0.038	55.00	FLOOR
in space: L2A WNW Perim Spc (G.WNW18) APT1 L1 Flr (G.SSW13.I59) 0.000	0.00	0.038	437.50	0.038	437.50	FLOOR
in space: L1B SSW Perim Spc (G.SSW13) CONF						
L1 Flr (G.C14.162) 0.000 in space: L1B Core Spc (G.C14) OFF	0.00	0.038	367.50	0.038	367.50	FLOOR
L1 Flr (G.SSW15.163) 0.000 in space: L1A SSW Perim Spc (G.SSW15) FIT	0.00	0.038	1300.50	0.038	1300.50	FLOOR
L1 Flr (G.C16.I67) 0.000	0.00	0.038	218.50	0.038	218.50	FLOOR
in space: L1A Core Spc (G.C16) RR L1 Flr (G.S17.I68) 0.000	0.00	0.038	1541.00	0.038	1541.00	FLOOR
in space: L1A South Perim Spc (G.S17) LOB						
P1 Flr (B.C2.I2) 0.000 in space: P1A Core Spc (B.C2) ELV	0.00	0.038	161.50	0.038	161.50	FLOOR
L2 Flr (G.N4) 1 0.000 in space: L2B North Perim Spc (G.N4) APT4	0.00	0.038	65.00	0.038	65.00	FLOOR
L2 Flr (G.N4) 2 0.000	0.00	0.038	65.00	0.038	65.00	FLOOR
in space: L2B North Perim Spc (G.N4) APT4 L2 Flr (G.N4) 3 0.000	0.00	0.038	65.00	0.038	65.00	FLOOR
in space: L2B North Perim Spc (G.N4) APT4 L2 Flr (G.N4) 4 0.000	0.00	0.038	65.00	0.038	65 00	FLOOR
in space: L2B North Perim Spc (G.N4) APT4						
L1 Flr (G.N28) 1 0.000 in space: L1A North Perim Spc (G.N28) APT3	0.00	0.038	1326.00	0.038	1326.00	FLOOR
L1 Flr (G.E29.I120) 0.000 in space: L1B East Perim Spc (G.E29) APT1	0.00	0.038	429.50	0.038	429.50	FLOOR
P1 Flr (B.NE14.I53) 0.000	0.00	0.038	705.00	0.038	705.00	FLOOR
in space: P1B NE Perim Spc (B.NE14) APT1 P1 Flr (B.C3.I4) 0.000	0.00	0.038	237.50	0.038	237.50	FLOOR
in space: P1A Core Spc (B.C3) COR P1 Flr (B.C4.I5) 0.000	0.00	0.038	241.50	0.038	241.50	FLOOR
in space: P1B Core Spc (B.C4) STR						
L2 Flr (G.S10) 1 0.000 in space: L2B South Perim Spc (G.S10) APT6	0.00	0.038	84.00	0.038	84.00	FLOOR
L2 Flr (G.N19) 1 0.000 in space: L2A North Perim Spc (G.N19) APT2	0.00	0.038	55.00	0.038	55.00	FLOOR
L2 Flr (G.N19) 2 0.000	0.00	0.038	52.50	0.038	52.50	FLOOR
in space: L2A North Perim Spc (G.N19) APT2 L2 Flr (G.N19) 3 0.000	0.00	0.038	24.75	0.038	24.75	FLOOR
in space: L2A North Perim Spc (G.N19) APT2 L2 Flr (G.N19) 4 0.000	0.00	0.038	26.25	0.038	26.25	FLOOR
in space: L2A North Perim Spc (G.N19) APT2 L2 Flr (G.S10) 2 0.000	0.00	0.038	88.00	0.038	00.00	FLOOR
in space: L2B South Perim Spc (G.S10) APT6		0.036				
L2 Flr (G.S10) 3 0.000 in space: L2B South Perim Spc (G.S10) APT6	0.00	0.038	88.00	0.038	88.00	FLOOR
L1 Flr (G.E18.I83) 0.000 in space: L1A East Perim Spc (G.E18) GSHF	0.00	0.038	38.25	0.038	38.25	FLOOR
L1 Flr (G.W7.I47) 0.000	0.00	0.038	765.00	0.038	765.00	FLOOR
in space: L1B West Perim Spc (G.W7) APT1 L1 Flr (G.C1.I1) 0.000	0.00	0.038	556.75	0.038	556.75	FLOOR
in space: L1A Core Spc (G.C1) STR L1 Flr (G.E19.184) 0.000	0.00	0.038	1033.75	0.038	1033.75	FLOOR
in space: L1A East Perim Spc (G.E19) APT2						
P1 Flr (B.SE5.16) \$X 0.000 in space: P1B SE Perim Spc (B.SE5) MECH	0.00	0.038	238.00	0.038	238.00	FLUUK

in space: L8A Core Spc (G.C5) TRSH

in space: P2B NW Perim Spc (B.NW6) XFMR

in space: P1A West Perim Spc (B.W7) TRSH

WEATHER FILE- SEATTLE BOEING FI WA -----(CONTINUED)------

	W I N D O W	S	W A L I		-W A L L + W I N	D O W S-	
SURFACE	U-VALUE	AREA	U-VALUE	AREA	U-VALUE	AREA	AZIMUTH
	(BTU/HR-SQFT-F)	(SQFT)	(BTU/HR-SQFT-F)	(SQFT)	(BTU/HR-SQFT-F)	(SQFT)	
D2 Elm /D G7 H0\	0.000	0.00	0.500	221.00	0.500	221.00	UNDERGRND
P2 Flr (B.C7.U9) in space: P2A Core Spc (B.C7) ST		0.00	0.500	221.00	0.500	221.00	UNDERGRND
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.SE		0.00	0.500	370.00	0.300	370.00	ONDERGRAD
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.SE		0.00	0.500	220.05	0.300	210.05	ONDERGIAND
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.SE							
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.NE							
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.NE	9) 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.NE	9) 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	3.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							
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							
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							
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.N		0.00	0.500	164.64	0 500	164.64	THIRD GDMD
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.N	0.000	0.00	0.500	164.64	0.500	164.64	UNDERGRND
P2 North Wall (B.NNE11.U22) \$X in space: P2B NNE Perim Spc (B.N		0.00	0.500	104.04	0.500	104.04	UNDERGRND
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.N		0.00	0.500	01.74	0.300	01.74	ONDERGRID
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.N		0.00	0.500	0201.00	0.300	0201.00	ONDERGIGIO
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.N							
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.N	INE12) 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.N	INW13) 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.N	INW13) 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.N	INW13) 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.SE							
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.SE							
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		0 00	0 500	220 00	0 500	220 00	INDEDGES
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 (BP1 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		0.00	0.500	400.00	0.500	400.00	CHDERGIAND
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.		3.00	0.500	550.00	0.550	550.00	31.22.COM

WEATHER FILE- SEATTLE BOEING FI WA ------(CONTINUED)------

	W I N D O W	S	WALL		-W A L L + W I N	D O W S-	
SURFACE	U-VALUE	AREA	U-VALUE	AREA	U-VALUE	AREA	AZIMUTH
	(BTU/HR-SQFT-F)	(SQFT)	(BTU/HR-SQFT-F)	(SQFT)	(BTU/HR-SQFT-F)	(SQFT)	
P1 West Wall (B.NNW8.U7) \$X	0.000	0.00	0.500	230.00	0.500	230.00	UNDERGRND
in space: P1A NNW Perim Spc (	B.NNW8) MECH						
P1 North Wall (B.NNW8.U8) \$X	0.000	0.00	0.500	500.00	0.500	500.00	UNDERGRND
in space: PlA NNW Perim Spc (		0 00	0 500	210 00	0 500	210 00	THIRD COND
P1 East Wall (B.NNE9.U9) \$X in space: P1B NNE Perim Spc (	0.000	0.00	0.500	310.00	0.500	310.00	UNDERGRND
Pl 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 (		0.00	0.500	030.00	0.300	050.00	ONDERGIGIO
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 (							
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 ( 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		0.00	0.500	10.70	0.500	18.70	UNDERGRIND
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 (							
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 ( 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 (		0.00	0.300	03.20	0.300	03.20	ONDERGRIND
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 (		0.00	0.500	112 00	0 500	112 00	
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 ( 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 (		0.00	0.500	3.30	0.300	3.30	ONDERGIGIO
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 (							
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 (		0 00	0 500	21 40	0 500	21 40	THIRD COND
L1 South Slab (G.S17.S23) in space: L1A South Perim Spc	0.000	0.00	0.500	31.49	0.500	31.49	UNDERGRND
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							
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 (					0.55		
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 ( L1 North Wall (G.WNW25.E32) \$X		0.00	0.500	126.56	0.500	126 F6	UNDERGRND
in space: L1A WNW Perim Spc (	0.000 G WNW25) STO	0.00	0.500	120.56	0.500	120.56	ONDERGRND
IN Space. BIN MAM FELLIN SPC (	C						

## WEATHER FILE- SEATTLE BOEING FI WA

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(CONTINUED).	

W I N D O W S		s	W A L L		-W A L L + W I N D O W S-		
SURFACE	U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	AZIMUTH
L1 West Slab (G.WNW25.S33) \$X	0.000	0.00	0.500	21.77	0.500	21.77	UNDERGRND
in space: L1A WNW Perim Spc (G	.WNW25) STO						
L1 West Wall (G.WNW25.E33) \$X	0.000	0.00	0.500	293.80	0.500	293.80	UNDERGRND
in space: I.1A WNW Perim Spc (G	.WNW25) STO						

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WEATHER FILE- SEATTLE BOEING FI WA

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