NUMBER OF EXTERIOR SURFACES1003 (U-Value includes outside film; window includes frame and curb, if defined)

	WINDOW	S	WALL		-WALL+WIN	DOWS-	
SURFACE	U-VALUE	AREA	U-VALUE	AREA	U-VALUE	AREA	AZIMUTH
	(BTU/HR-SQFT-F)	(SQFT)	(BTU/HR-SQFT-F)	(SQFT)		(SQFT)	
	(===, === = ,	(~ <u>c</u> /	(===, === = ,	(~ <u>L</u> /	(===, === = = ,	(-2)	
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.M	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) S	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) S	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 (0	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 (0	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 (0	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 (0	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 (0	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 (0	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 (0	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 (0	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 (0	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 (0	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 (0	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 (0	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 (0	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						

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

REPORT- LV-D Details of Exterior Surfaces WEATHER FILE- SEATTLE BOEING FI WA ----(CONTINUED)-----L2 East Wall (G.WNW18.E58) 0.186 10.81 0.048 0.071 64.15 NORTH 53.34 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) 10.81 0.048 53.34 0.071 64.15 NORTH 0.186 in space: L2A WNW Perim Spc (G.WNW18) APT1 0.000 0.00 0.235 3.35 0.235 3.35 NORTH L2 East Slab (G.N19.S66) in space: L2A North Perim Spc (G.N19) APT2 10.81 0.048 0.071 64.15 NORTH L2 East Wall (G.N19.E66) 0.186 53.34 in space: L2A North Perim Spc (G.N19) APT2 0.235 0.235 L2 East Slab (G.N19.S70) 0.00 3.35 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) 0.235 8.38 8.38 NORTH 0.000 0.00 0.235 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 0.000 21.77 NORTH L2 East Slab (G.E23.S78) 0.00 0.235 21.77 0.235 in space: L2B East Perim Spc (G.E23) APT1 70.26 0.071 L2 East Wall (G.E23.E78) 0.186 0.048 346.71 416.98 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 0.071 L2 East Wall (G.E23.E80) 0.186 10.81 0.048 53.34 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 0 186 0 081 L3 East Wall (G.N3.E2) 2 16 0 048 6 92 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) 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 45.40 NORTH L3 East Wall (G.N4.E12) 10.81 0.048 34.59 0.081 in space: L3B North Perim Spc (G.N4) APT4 L3 East Slab (G.N4.S16) 0.00 0.235 0.235 3.35 NORTH in space: L3B North Perim Spc (G.N4) APT4 L3 East Wall (G.N4.E16) 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) 0.235 22.78 0.235 22.78 NORTH 0.000 0.00 in space: L3B East Perim Spc (G.E5) APT1 L3 East Wall (G.E5.E20) 73.51 0.048 235.21 0.081 308.72 NORTH in space: L3B East Perim Spc (G.E5) APT1 0.000 3.35 NORTH L3 East Slab (G.E5.S22) 0.00 0.235 3.35 0.235 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 0.000 0.00 0.235 11.39 0.235 11.39 NORTH L3 East Slab (G.E8.S29) 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

in space: L3A North Perim Spc (G.N18) APT3

L4 East Wall (G.E13.E69)

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

0.186

119.99

0.048

421.13

0.078

541.12 NORTH

REPORT- LV-D Details of Exterior Surfaces				WEATHER FIL	E- SEATTLE BOE	ING FI WA
					(CONTIN	UED)
L4 East Wall (G.NW17.E73) 0.186 in space: L4A NW Perim Spc (G.NW17) APT1	10.81	0.048	37.94	0.078	48.75	NORTH
L4 East Wall (G.N18.E77) 0.186 in space: L4A North Perim Spc (G.N18) APT3	10.81	0.048	37.94	0.078	48.75	NORTH
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	
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	
in space: L5B East Perim Spc (G.E8) APT1						
L5 East Wall (G.E9.E33) 0.186 in space: L5B East Perim Spc (G.E9) APT1	84.32	0.048	295.93	0.078	380.25	
L5 East Wall (G.S10.E37) 0.186 in space: L5B South Perim Spc (G.S10) APT7	4.32	0.048	15.18	0.078	19.50	NORTH
L5 East Wall (G.S10.E41) 0.186 in space: L5B South Perim Spc (G.S10) APT7	4.32	0.048	15.18	0.078	19.50	NORTH
L5 East Wall (G.S10.E45) 0.186 in space: L5B South Perim Spc (G.S10) APT7	4.32	0.048	15.18	0.078	19.50	NORTH
L5 East Wall (G.S10.E49) 0.186 in space: L5B South Perim Spc (G.S10) APT7	4.32	0.048	15.18	0.078	19.50	NORTH
L5 East Wall (G.S10.E53) 0.186 in space: L5B South Perim Spc (G.S10) APT7	4.32	0.048	15.18	0.078	19.50	NORTH
L5 East Wall (G.S10.E57) 0.186 in space: L5B South Perim Spc (G.S10) APT7	4.32	0.048	15.18	0.078	19.50	NORTH
L5 East Wall (G.Sl0.E61) 0.186 in space: L5B South Perim Spc (G.Sl0) APT7	4.32	0.048	15.18	0.078	19.50	NORTH
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						

L7 East Wall (G.E5.E6)

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

0.186

73.51

0.048

280.43

0.076

353.94 NORTH

in space: L3A South Perim Spc (G.S24) APT3

in space: L2B South Perim Spc (G.S10) APT6

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

in space: L2B SSW Perim Spc (G.SSW12) LOB

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

0.186

15.92

0.048

27.95

0.098

43.88 EAST

L5 South Wall (G.S10.E58)

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

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

REPORT- LV-D Details of Exterior Surfaces					WEATHER FILE-		CING FI WA
L1 South Wall (G.N28.E40)	0.000	0.00	0.048	307.36	0.048	307.36	EAST
in space: L1A North Perim Spc (G.N28) A L1 South Slab (G.N28.S41) in space: L1A North Perim Spc (G.N28) A	0.000	0.00	0.235	11.73	0.235	11.73	EAST
L6 South Wall (G.W6.E25)	0.000	0.00	0.048	175.50	0.048	175.50	EAST
in space: L6B West Perim Spc (G.W6) APT L3 South Slab (G.S10.S58)	0.000	0.00	0.235	3.02	0.235	3.02	EAST
in space: L3B South Perim Spc (G.S10) A L6 South Wall (G.E9.E30)	0.186	15.92	0.048	27.95	0.098	43.88	EAST
in space: L6B East Perim Spc (G.E9) APT L6 South Wall (G.E9.E32) in space: L6B East Perim Spc (G.E9) APT	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) P	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) A	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) A	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)	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)	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)	0.186 APT7	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) A	0.186 APT7	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) A	0.186 APT7	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) A	0.000 APT3	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)	0.186 APT7	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) A	0.186 APT7	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) A	0.000 APT1	0.00	0.235	21.44	0.235	21.44	
L6 South Wall (G.S10.E50) in space: L6B South Perim Spc (G.S10) P		15.92	0.048	27.95	0.098		EAST
L6 South Wall (G.S10.E52) in space: L6B South Perim Spc (G.S10) <i>I</i>		44.22	0.048	77.65	0.098		EAST
L3 South Slab (G.S10.S62) in space: L3B South Perim Spc (G.S10) P		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) A		15.92	0.048	27.95	0.098		EAST
L6 South Wall (G.S10.E56) in space: L6B South Perim Spc (G.S10) A		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) P		15.92	0.048	24.94	0.102		EAST
L6 South Wall (G.S10.E58) in space: L6B South Perim Spc (G.S10) <i>P</i>		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) P		45.99	0.048	80.76	0.098	126.75	
L3 South Slab (G.S10.S64) in space: L3B South Perim Spc (G.S10) A		0.00	0.235	8.38	0.235		EAST
L6 South Wall (G.S10.E62) in space: L6B South Perim Spc (G.S10) A		15.92	0.048	27.95	0.098	43.88	
L6 South Wall (G.S10.E64)	0.186	44.22	0.048	77.65	0.098	121.88	EAST

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

0.275

0.094

474.88

32.34

1058.47 SOUTH

48.75 SOUTH

0.373

0.186

583.60

16.41

0.154

0.048

L2 West Wall (G.SW20.E76)

L5 West Wall (G.N18.E87)

in space: L2A SW Perim Spc (G.SW20) RST

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

in space: L2B East Perim Spc (G.E23) APT1

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

L6 West Wall (G.W21.E86)

L4 West Wall (G.S10.E55)

L6 West Wall (G.SW22.E88)

in space: L6A West Perim Spc (G.W21) APT4

in space: L4B South Perim Spc (G.S10) APT7

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

0.186

0 186

0.186

19.70

6.57

22.98

0.048

0.048

0.048

38.80

12.93

45.27

0.094

0.094

0.094

58.50 SOUTH

19.50 SOUTH

68.25 SOUTH

REPORT- LV-D Details of Exterior Surfaces					- SEATTLE BOE	
L3 West Slab (G.N4.S10) 0.000	0.00	0.235	3.35	0.235		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		SOUTH
in space: L3B South Perim Spc (G.S10) APT7						
L3 West Wall (G.S10.E59) 0.186 in space: L3B South Perim Spc (G.S10) APT7	6.57	0.048	11.59	0.098		SOUTH
L4 West Wall (G.S10.E63) 0.186 in space: L4B South Perim Spc (G.S10) APT7	6.57	0.048	12.93	0.094	19.50	SOUTH
L3 West Slab (G.N4.S14) 0.000 in space: L3B North Perim Spc (G.N4) APT4	0.00	0.235	3.35	0.235	3.35	SOUTH
L7 West Wall (G.W6.E10) 0.186 in space: L7B West Perim Spc (G.W6) APT1	111.61	0.048	242.33	0.091	353.94	SOUTH
L7 West Wall (G.W7.E11) 0.186 in space: L7B West Perim Spc (G.W7) APT1	49.24	0.048	106.91	0.091	156.15	SOUTH
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		SOUTH
in space: L4A North Perim Spc (G.N18) APT3						
L7 West Wall (G.SSW10.E25) 0.186 in space: L7B SSW Perim Spc (G.SSW10) APT7	6.57	0.048	14.25	0.091	20.82	SOUTH
L2 West Slab (G.WNW18.S60) 0.000 in space: L2A WNW Perim Spc (G.WNW18) APT1	0.00	0.235	3.35	0.235	3.35	SOUTH
L4 West Wall (G.N18.E83) 0.186 in space: L4A North Perim Spc (G.N18) APT3	16.41	0.048	32.34	0.094	48.75	SOUTH
L2 West Wall (G.WNW18.E60) 0.186 in space: L2A WNW Perim Spc (G.WNW18) APT1	16.41	0.048	47.74	0.083	64.15	SOUTH
17 West Wall (G.SSW10.E29) 0.186 in space: L7B SSW Perim Spc (G.SSW10) APT7	6.57	0.048	14.25	0.091	20.82	SOUTH
IN Space. Bib Sow relim Spe (G.SSWIO) API						

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

0.235

0.186

L4 North Wall (G.N4.E9)

in space: L4B North Perim Spc (G.N4) APT4

49.54

0.048

77.21

0.102

126.75 WEST

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

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

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

L3 North Slab (G.E5.S21)

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

0.000

0.00

0.235

8.71

0.235

8.71 WEST

in space: L1A Core Spc (G.C1) STR

in space: L2A North Perim Spc (G.N19) APT2

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

0.000

0.00

0.235

3.35

0.235

3.35 WEST

L3 North Slab (G.W21.S98)

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L3 North Wall (G.W21.E98) 0.186 in space: L3A West Perim Spc (G.W21) APT4	19.05	0.048	26.35	0.106	45.40	
L1 North Wall (G.WNW25.E34) \$X 0.000 in space: L1A WNW Perim Spc (G.WNW25) STO	0.00	0.048	167.24	0.048	167.24	WEST
L1 North Wall (G.Cl.El) 0.000 in space: L1A Core Spc (G.Cl) STR	0.00	0.048	76.84	0.048	76.84	WEST
L2 North Slab (G.N19.S69) 0.000 in space: L2A North Perim Spc (G.N19) APT2	0.00	0.235	4.36	0.235	4.36	WEST
L3 North Slab (G.E9.S34) 0.000 in space: L3B East Perim Spc (G.E9) APT1	0.00	0.235	14.74	0.235	14.74	WEST
L3 North Wall (G.E9.E34) 0.186 in space: L3B East Perim Spc (G.E9) APT1	83.84	0.048	115.92	0.106	199.76	WEST
L7 North Wall (G.C20.E54) 0.186 in space: L7A Core Spc (G.C20) COR	43.83	0.048	75.89	0.098	119.71	WEST
L2 North Wall (G.N19.E69) 0.186 in space: L2A North Perim Spc (G.N19) APT2	24.77	0.048	58.62	0.089	83.39	WEST
L7 North Wall (G.NW21.E56) 0.186 in space: L7A NW Perim Spc (G.NW21) AMN	194.53	0.048	91.74	0.142	286.27	WEST
L7 North Wall (G.NE22.E57) 0.186 in space: L7A NE Perim Spc (G.NE22) AMN	222.83	0.048	105.09	0.142	327.92	WEST
L3 North Slab (G.W21.S102) 0.000 in space: L3A West Perim Spc (G.W21) APT4	0.00	0.235	3.35	0.235	3.35	WEST
L3 North Wall (G.W21.E102) 0.186 in space: L3A West Perim Spc (G.W21) APT4	19.05	0.048	26.35	0.106	45.40	WEST
L2 North Slab (G.N4.S6) 0.000 in space: L2B North Perim Spc (G.N4) APT4	0.00	0.235	6.70	0.235	6.70	WEST
L2 North Wall (G.N4.E6) 0.186 in space: L2B North Perim Spc (G.N4) APT4	38.11	0.048	90.19	0.089	128.30	WEST
L2 North Slab (G.N19.S71) 0.000 in space: L2A North Perim Spc (G.N19) APT2	0.00	0.235	7.04	0.235	7.04	WEST
L2 North Wall (G.N19.E71) 0.186 in space: L2A North Perim Spc (G.N19) APT2	40.01	0.048	94.70	0.089	134.71	
P1 North Wall (B.N13.U15) 0.186 in space: P1B North Perim Spc (B.N13) APT4	323.93	0.048	526.07	0.100	850.00	
L1 North Slab (G.E10.S14) 0.000 in space: L1B East Perim Spc (G.E10) APT1	0.00	0.235	14.07	0.235	14.07	
L2 North Slab (G.N4.S8) 0.000 in space: L2B North Perim Spc (G.N4) APT4	0.00	0.235	8.71	0.235		WEST
L2 North Wall (G.N4.E8) 0.186 in space: L2B North Perim Spc (G.N4) APT4	49.54	0.048	117.25	0.089	166.79	
L8 North Wall (G.NW11.E18) 0.186 in space: L8A NW Perim Spc (G.NW11) APT1	125.76	0.048	195.99	0.102	321.75	
L8 North Wall (G.NE12.E20) 0.186 in space: L8A NE Perim Spc (G.NE12) APT1	131.48	0.048	204.90	0.102	336.38	
L1 North Wall (G.E10.E14) 0.186 in space: L1B East Perim Spc (G.E10) APT1	80.03	0.048	109.81	0.106	189.84	
L1 North Slab (G.E6.S7) 0.000 in space: L1B East Perim Spc (G.E6) APT1	0.00	0.235	13.40	0.235	13.40	
L2 North Slab (G.N4.Sl0) 0.000 in space: L2B North Perim Spc (G.N4) APT4	0.00	0.235	6.70	0.235		WEST
L2 North Wall (G.N4.E10) 0.186 in space: L2B North Perim Spc (G.N4) APT4	38.11	0.048	90.19	0.089	128.30	
L2 Flr (G.E14) 1 0.000 in space: L2A East Perim Spc (G.E14) APT3	0.00	0.033	236.00	0.033	236.00	
L2 Flr (G.E14) 2 0.000 in space: L2A East Perim Spc (G.E14) APT3	0.00	0.033	297.00	0.033	297.00	
L1 Flr (G.WNW25.I109) \$X 0.000 in space: L1A WNW Perim Spc (G.WNW25) STO	0.00	0.033	1431.25	0.033	1431.25	FLOOR

REPORT- LV-D Details of Exterior Surfaces WEATHER FILE- SEATTLE BOEING FI WA ----(CONTINUED)----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 0.00 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 0.033 L3 Flr (G.SW22) 1 0.00 0.033 52.50 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 52.00 0.000 0.00 0.033 0.033 52.00 FLOOR in space: L2A West Perim Spc (G.W25) STO P1 Flr (B.ENE10.I44) 0.000 0.033 271.50 0.033 271.50 FLOOR 0.00 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 0.033 0.00 0.033 519.00 519.00 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 0.000 L2 Flr (G.C26) 2 0.033 231.00 0.033 231.00 FLOOR 0.00 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 0 000 0 033 L2 Flr (G.C26) 3 0 00 0 033 38 50 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) 0.00 0.033 170.00 0.033 170.00 FLOOR in space: P1A Core Spc (B.C1) STR L1 Flr (G.E6.I43) 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 0.000 0.00 1978.00 1978.00 FLOOR L1 Flr (G.S11.I53) 0.033 0.033 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 0.000 0.00 0.033 1326.00 0.033 1326.00 FLOOR L1 Flr (G.N28.I117) 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

in space: P1B SE Perim Spc (B.SE5) MECH

REPORT- LV-D Details of Exterior Surfaces WEATHER FILE- SEATTLE BOEING FI WA ----(CONTINUED)----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 0.000 L2 Flr (G.WNW18) 3 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 0.000 0.00 0.033 367.50 0.033 367.50 FLOOR L1 Flr (G.C14.I62) in space: L1B Core Spc (G.C14) OFF 0.000 0.00 0.033 1300.50 0.033 1300.50 FLOOR L1 Flr (G.SSW15.I63) in space: L1A SSW Perim Spc (G.SSW15) FIT 218.50 0.033 L1 Flr (G.C16.I67) 0.00 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) 161.50 0.000 0.00 0.033 0.033 161.50 FLOOR in space: P1A Core Spc (B.C2) ELV 0.00 0.033 0.033 65.00 FLOOR L2 Flr (G.N4) 1 0.000 65.00 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 0.033 L2 Flr (G.N4) 3 0.000 0.00 0.033 65.00 65.00 FLOOR in space: L2B North Perim Spc (G.N4) APT4 0.000 0.00 0.033 65.00 0.033 65.00 FLOOR L2 Flr (G.N4) 4 in space: L2B North Perim Spc (G.N4) APT4 0.000 L1 Flr (G.N28) 1 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 0 000 0 033 P1 Flr (B.NE14.I53) 0 00 0 033 705 00 705 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 55.00 FLOOR L2 Flr (G.N19) 1 0.000 0.00 0.033 55.00 0.033 in space: L2A North Perim Spc (G.N19) APT2 0.000 0.00 0.033 52.50 0.033 52.50 FLOOR L2 Flr (G.N19) 2 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 0.00 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 88.00 0.033 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: L8A Core Spc (G.C5) TRSH

WEATHER FILE- SEATTLE BOEING FI WA

----(CONTINUED)---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 0.000 0.00 0.017 654.50 0.017 654.50 ROOF L7 Roof (G.W7) 1 in space: L7B West Perim Spc (G.W7) APT1 0.000 0.00 0.017 345.00 0.017 345.00 ROOF Pl Roof (B.NNE9) 2 in space: P1B NNE Perim Spc (B.NNE9) PKG 0.000 0.00 0.017 3981.50 0.017 3981.50 ROOF L7 Roof (G.SSW10) 1 in space: L7B SSW Perim Spc (G.SSW10) APT7 L7 Roof (G.C11) 1 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 0.000 L6 Roof (G.N4) 1 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 0.017 0.017 65.00 0.00 65.00 ROOF in space: L6B North Perim Spc (G.N4) APT4 108.00 L7 Roof (G.W18) 1 0.000 0.00 0.017 0.017 108.00 ROOF in space: L7A West Perim Spc (G.W18) APT2 0.017 L6 Roof (G.N4) 3 0.000 0.00 0.017 65.00 65.00 ROOF in space: L6B North Perim Spc (G.N4) APT4 0.000 0.00 0.017 65.00 0.017 65.00 ROOF L6 Roof (G.N4) 4 in space: L6B North Perim Spc (G.N4) APT4 L7 Roof (G.SW19) 1 0.000 0.017 203.25 0.017 203.25 ROOF 0.00 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 0 017 L7 Roof (G.E9) 1 0 000 0 00 0 017 789 00 789 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 0.00 L6 Roof (G.W21) 1 0.017 678.75 0.017 678.75 ROOF in space: L6A West Perim Spc (G.W21) APT4 0.00 0.017 182.00 0.017 182.00 ROOF P1 Roof (B.SE5) 1 in space: P1B SE Perim Spc (B.SE5) MECH P1 Roof (B.W7) 1 0.000 0.017 473.50 0.017 473.50 ROOF 0.00 in space: P1A West Perim Spc (B.W7) TRSH 0.000 202.50 L7 Roof (G.SSE23) 1 0.00 0.017 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) 0.00 38.25 0.017 0.000 0.017 38.25 ROOF in space: L8A East Perim Spc (G.E2) GSHF 0.000 0.00 0.017 65.00 0.017 65.00 ROOF L6 Roof (G.E5) 1 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 0.000 0.00 0.017 27.00 0.017 27.00 ROOF L8 Roof (G.C4.E6) 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

P2 North Wall (B.NW6.U8) \$X

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

0.000

0.00

0.500

339.57

0.500

339.57 UNDERGRND

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

in space: P1B South Perim Spc (B.S6) PKG

in space: P1B South Perim Spc (B.S6) PKG

in space: P1B South Perim Spc (B.S6) PKG

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

0.000

0.000

0.000

0.00

0.00

0.00

0.500

0.500

0.500

230.00

400.00

580.00

0.500

0.500

0.500

230.00 UNDERGRND

400.00 UNDERGRND

580.00 UNDERGRND

P1 East Wall (B.S6.U4) \$X

P1 West Wall (B.S6.U5) \$X

P1 West Wall (B.W7.U6)

WEATHER FILE- SEATTLE BOEING FI WA

---WINDOWS-------WALL----W A L L + W I N D O W S-SURFACE U-VALUE AREA U-VALUE AREA U-VALUE AZIMUTH AREA (BTU/HR-SQFT-F) (SQFT) (BTU/HR-SQFT-F) (SQFT) (BTU/HR-SQFT-F) (SQFT) P2 Flr (B.C7.U9) 0.00 0.500 221.00 0.500 221.00 UNDERGRND 0.000 in space: P2A Core Spc (B.C7) STO P2 Flr (B.SE8.U10) 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 0.00 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 0.500 236.67 0.500 236.67 UNDERGRND 0.000 0.00 in space: P2B NE Perim Spc (B.NE9) STO 12495.50 UNDERGRND P2 Flr (B.S10.U16) 0.000 0.00 0.500 12495.50 0.500 in space: P2B South Perim Spc (B.S10) PKG 0.000 2387.28 UNDERGRND P2 South Wall (B.S10.U17) \$X 0.00 0.500 2387.28 0.500 in space: P2B South Perim Spc (B.S10) PKG 0.500 360.15 UNDERGRND P2 East Wall (B.S10.U18) \$X 0.000 0.00 0.500 360.15 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 0.00 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 0.00 0.500 1203.93 0.500 1203.93 UNDERGRND in space: P2B NNE Perim Spc (B.NNE12) PKG 0.500 1518.00 0.500 1518.00 UNDERGRND P2 Flr (B.NNW13.U27) 0.00 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 170.00 0.500 170.00 UNDERGRND 0.000 0.00 0.500 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

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

	WINDOWS		WALL		-W A L L + W I N		
SURFACE	U-VALUE	AREA	U-VALUE	AREA	U-VALUE	AREA	AZIMUTH
	(BTU/HR-SQFT-F)		(BTU/HR-SQFT-F)	(SQFT)	(BTU/HR-SQFT-F)	(SQFT)	
	(DIO/IRC DQII I)	(5011)	(DIO/INC DQIII)	(5011)	(DIO/INC DQIII)	(5011)	
P1 West Wall (B.NNW8.U7) \$X	0.000	0.00	0.500	230.00	0.500	230.00	UNDERGRND
in space: PlA NNW Perim Spc (B		0.00	0.300	230.00	0.500	230.00	ONDERGRAD
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 (B		0.00	0.500	300.00	0.500	300.00	ONDERGRAD
P1 East Wall (B.NNE9.U9) \$X	0.000	0.00	0.500	310.00	0.500	310.00	UNDERGRND
		0.00	0.500	310.00	0.500	310.00	UNDERGRIND
in space: P1B NNE Perim Spc (B		0.00	0 500	650.00	0 500	650.00	
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		0.00	0 500	20.00	0 500	20.00	
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							
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							
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							
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			*****				
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		0.00	0.500	33.30	0.500	33.30	ONDERGRAD
L1 South Wall (G.SSW15.E19)	0.000	0.00	0.500	452.00	0.500	452.00	UNDERGRND
		0.00	0.500	452.00	0.500	452.00	UNDERGRIND
in space: L1A SSW Perim Spc (G	0.000	0.00	0.500	8.38	0.500	8.38	UNDERGRND
L1 East Slab (G.SSW15.S20)		0.00	0.500	0.30	0.500	0.30	UNDERGRND
in space: L1A SSW Perim Spc (G		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 (G				- 04		- 04	
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							
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							
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			= = =		- · - · -	0	
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		3.00				0.50	51.1 21.010.10
opacc numrer_m ope (G	25, 515						

REPORT- LV-D Details of Exterior Surfaces -----(CONTINUED)------

WEATHER FILE- SEATTLE BOEING FI WA

	W I N D O W	S	W A L L		-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)	
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 (0	G.WNW25) STO						
L1 West Wall (G.WNW25.E33) \$X	0.000	0.00	0.500	293.80	0.500	293.80	UNDERGRND
in space: L1A WNW Perim Spc (0	G.WNW25) STO						

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	0.196	0.056	0.108	9286.16	15688.93	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	0.200	0.056	0.101	26093.12	56927.99	83021.05
WALLS+ROOFS	0.200	0.041	0.077	26093.12	90456.23	116549.30
UNDERGRND	0.000	0.497	0.497	0.00	42262.29	42262.29
BUILDING	0.200	0.142	0.150	26093.12	186091.78	212184.84