NUMBER OF EXTERIOR SURFACES 945 (U-VALUE INCLUDES OUTSIDE FILM; WINDOW INCLUDES FRAME AND CURB, IF DEFINED)

	W I N D O W	OOWSWALL		DOWS-			
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)	
I 1 Nouth old (G NWI 00)	0.000	0 00	0.054	F 00	0.054	F 00	MODELL
L1 North Slab (G.NW1.S2)	0.000	0.00	0.054	5.00	0.054	5.00	NORTH
in space: Spc L1 N (G.NW1) STR	0 205	28.64	0.054	22.06	0.005	60 50	MODELL
L1 North Wall (G.NW1.E2)	0.385	28.64	0.054	33.86	0.205	62.50	NORTH
in space: Spc L1 N (G.NW1) STR L1 North Slab (G.NW1.S4)	0.000	0.00	0.054	5.70	0.054	F 70	NORTH
in space: Spc L1 N (G.NW1) STR	0.000	0.00	0.034	5.70	0.054	5.70	NORTH
L1 North Wall (G.NW1.E4)	0.385	32.65	0.054	38.60	0.205	71 25	NORTH
in space: Spc L1 N (G.NW1) STR	0.365	32.03	0.034	30.00	0.205	71.25	NORTH
L1 North Slab (G.NW1.S6)	0.000	0.00	0.054	4.00	0.054	4 00	NORTH
in space: Spc L1 N (G.NW1) STR	0.000	0.00	0.031	1.00	0.031	1.00	WORTH
L1 North Wall (G.NW1.E6)	0.385	22.91	0.054	27.09	0.205	50.00	NORTH
in space: Spc L1 N (G.NW1) STR	0.303	22.71	0.031	27.05	0.203	30.00	11011111
L1 North Slab (G.NNW2.S9)	0.000	0.00	0.054	59.30	0.054	59.30	NORTH
in space: Spc L1 N (G.NNW2) RTL	*****		*****		*****		
L1 North Wall (G.NNW2.E9)	0.385	339.69	0.054	401.56	0.205	741.25	NORTH
in space: Spc L1 N (G.NNW2) RTL							
L1 North Slab (G.N14.S34)	0.000	0.00	0.054	23.75	0.054	23.75	NORTH
in space: Spc L1 N (G.N14) LOB							
L1 North Wall (G.N14.E34)	0.385	136.05	0.054	160.83	0.205	296.88	NORTH
in space: Spc L1 N (G.N14) LOB							
L1 North Slab (G.N14.S35)	0.000	0.00	0.054	10.35	0.054	10.35	NORTH
in space: Spc L1 N (G.N14) LOB							
L1 North Wall (G.N14.E35)	0.385	59.29	0.054	70.09	0.205	129.38	NORTH
in space: Spc L1 N (G.N14) LOB							
L1 North Slab (G.NW15.S37)	0.000	0.00	0.054	12.10	0.054	12.10	NORTH
in space: Spc L1 N (G.NW15) VEST							
L1 North Wall (G.NW15.E37)	0.385	69.31	0.054	81.94	0.205	151.25	NORTH
in space: Spc L1 N (G.NW15) VEST							
L1 North Slab (G.ENE18.S46)	0.000	0.00	0.054	56.10	0.054	56.10	NORTH
in space: Spc L1 E (G.ENE18) RTI	1						
L1 North Wall (G.ENE18.E46)	0.385	321.36	0.054	379.89	0.205	701.25	NORTH
in space: Spc L1 E (G.ENE18) RTI	ı						
L2 North Slab (G.E5.S7)\$X	0.000	0.00	0.054	30.42	0.054	30.42	NORTH
in space: Spc L2 E (G.E5) PKG							
L2 North Wall (G.E5.E7)\$X	0.000	0.00	0.054	378.18	0.054	378.18	NORTH
in space: Spc L2 E (G.E5) PKG							
L2 North Slab (G.NNW8.S14)\$X	0.000	0.00	0.054	6.93	0.054	6.93	NORTH
in space: Spc L2 N (G.NNW8) PKG							
L2 North Wall (G.NNW8.E14)\$X	0.000	0.00	0.054	86.22	0.054	86.22	NORTH
in space: Spc L2 N (G.NNW8) PKG							
L2 North Slab (G.NNW8.S16)\$X	0.000	0.00	0.054	49.58	0.054	49.58	NORTH
in space: Spc L2 N (G.NNW8) PKG	0.000	0.00	0.054	616 40	0.054	616 40	MODELL
L2 North Wall (G.NNW8.E16)\$X	0.000	0.00	0.054	616.42	0.054	616.42	NORTH
in space: Spc L2 N (G.NNW8) PKG	0.000	0.00	0.054	22.05	0.054	22.05	MODERT
L2 North Slab (G.NNW8.S18) \$X	0.000	0.00	0.054	22.95	0.054	∠2.95	NORTH
in space: Spc L2 N (G.NNW8) PKG	0.000	0.00	0.054	285.30	0.054	285.30	MODTH
L2 North Wall (G.NNW8.E18)\$X in space: Spc L2 N (G.NNW8) PKG	0.000	0.00	0.054	200.30	0.054	200.30	ULYON
III Space. Spc 12 N (G.NINWS) FRG							

REPORT- LV-D Details of Exterior Surfaces WEATHER FILE- SEATTLE BOEING FI WA ----(CONTINUED)----L2 North Slab (G.NE9.S20) 0.000 0.00 0.054 9.98 0.054 9.98 NORTH in space: Spc L2 N (G.NE9) RTL L2 North Wall (G.NE9.E20) 0.380 45.40 0.054 78.72 0.173 124.12 NORTH in space: Spc L2 N (G.NE9) RTL L3 North Slab (G.E5.S6)\$X 0.000 0.00 0.054 40.40 0.054 40.40 NORTH in space: Spc L3 E (G.E5) PKG L3 North Wall (G.E5.E6)\$X 0.000 0.00 0.054 532.45 0.054 532.45 NORTH in space: Spc L3 E (G.E5) PKG L3 North Slab (G.NW8.S13)\$X 0.000 0.00 0.054 22.95 0.054 22.95 NORTH in space: Spc L3 N (G.NW8) PKG 0.00 0.054 302.43 0.054 302.43 NORTH L3 North Wall (G.NW8.E13)\$X 0.000 in space: Spc L3 N (G.NW8) PKG L3 North Slab (G.NW8.S15)\$X 0.000 0.00 0.054 6.93 0.054 6.93 NORTH in space: Spc L3 N (G.NW8) PKG L3 North Wall (G.NW8.E15)\$X 0.00 0.054 91.39 0.054 91.39 NORTH 0.000 in space: Spc L3 N (G.NW8) PKG L3 North Slab (G.NW8.S17)\$X 0.00 0.054 49.58 0.054 49.58 NORTH 0.000 in space: Spc L3 N (G.NW8) PKG 653.42 653.42 NORTH L3 North Wall (G.NW8.E17)\$X 0.000 0.00 0.054 0.054 in space: Spc L3 N (G.NW8) PKG 0.054 0.054 L4 North Slab (G.W8.S13) 0.000 0.00 3.12 3.12 NORTH in space: Spc L4 W (G.W8) OFF L4 North Wall (G.W8.E13) 0.380 14.18 0.054 43.19 0.134 57.37 NORTH in space: Spc L4 W (G.W8) OFF 0.054 0.054 L4 North Slab (G.E10.S19) 0.000 0.00 2.65 2.65 NORTH in space: Spc L4 E (G.E10) OFF L4 North Wall (G.E10.E19) 0.380 12.04 0.054 36.67 0.134 48.70 NORTH in space: Spc L4 E (G.E10) OFF 0.054 0.054 L4 North Slab (G.E10.S23) 0 000 0 00 6 73 6 73 NORTH in space: Spc L4 E (G.E10) OFF L4 North Wall (G.E10.E23) 0.380 30.62 0.054 93.30 0.134 123.92 NORTH in space: Spc L4 E (G.E10) OFF L4 North Slab (G.N11.S26) 0.000 0.00 0.054 56.62 0.054 56.62 NORTH in space: Spc L4 N (G.N11) OFF L4 North Wall (G.N11.E26) 0.380 257.46 0.054 784.42 0.134 1041.89 NORTH in space: Spc L4 N (G.N11) OFF L4 North Slab (G.N11.S28) 0.000 0.00 0.054 6.93 0.054 6.93 NORTH in space: Spc L4 N (G.N11) OFF L4 North Wall (G.N11.E28) 0.380 31.54 0.054 96.08 0.134 127.62 NORTH in space: Spc L4 N (G.N11) OFF L4 North Slab (G.N11.S30) 0.000 0.00 0.054 39.03 0.054 39.03 NORTH in space: Spc L4 N (G.N11) OFF L4 North Wall (G.N11.E30) 177.48 0.054 540.74 0.134 718.22 NORTH 0.380 in space: Spc L4 N (G.N11) OFF L4 North Slab (G.N11.S32) 0.000 0.00 0.054 8.11 0.054 8.11 NORTH in space: Spc L4 N (G.N11) OFF L4 North Wall (G.N11.E32) 36.87 0.054 112.33 0.134 149.19 NORTH 0.380 in space: Spc L4 N (G.N11) OFF L5 North Slab (G.W6.S11) 0.000 0.00 0.054 10.79 0.054 10.79 NORTH in space: Spc L5 W (G.W6) APT1 49.06 117.26 166.31 NORTH L5 North Wall (G.W6.E11) 0.380 0.054 0.150 in space: Spc L5 W (G.W6) APT1 L5 North Slab (G.W6.S13) 0.000 0.00 0.054 3.75 0.054 3.75 NORTH in space: Spc L5 W (G.W6) APT1 17.06 0.054 40.79 0.150 57.85 NORTH L5 North Wall (G.W6.E13) 0.380 in space: Spc L5 W (G.W6) APT1 L5 North Slab (G.W6.S15) 0.000 0.00 0.054 15.51 0.054 15.51 NORTH in space: Spc L5 W (G.W6) APT1

REPORT- LV-D Details of Exterior Surfa						E- SEATTLE BOE	
L5 North Wall (G.W6.E15) in space: Spc L5 W (G.W6) APT1	0.380	70.54	0.054	168.60	0.150	239.14	
L5 North Slab (G.S7.S30) in space: Spc L5 S (G.S7) APT3	0.000	0.00	0.054	1.07	0.054	1.07	NORTH
L5 North Wall (G.S7.E30) in space: Spc L5 S (G.S7) APT3	0.380	4.88	0.054	11.65	0.150	16.53	NORTH
L5 North Slab (G.ESE8.S35) in space: Spc L5 E (G.ESE8) APT1	0.000	0.00	0.054	2.65	0.054	2.65	NORTH
L5 North Wall (G.ESE8.E35) in space: Spc L5 E (G.ESE8) APT1	0.380	12.04	0.054	28.77	0.150	40.80	NORTH
L5 North Slab (G.ENE9.S40) in space: Spc L5 E (G.ENE9) APT1	0.000	0.00	0.054	17.45	0.054	17.45	NORTH
L5 North Wall (G.ENE9.E40) in space: Spc L5 E (G.ENE9) APT1	0.380	79.37	0.054	189.72	0.150	269.10	NORTH
L5 North Slab (G.W10.S46) in space: Spc L5 W (G.W10) APT1	0.000	0.00	0.054	8.11	0.054	8.11	NORTH
L5 North Wall (G.W10.E46) in space: Spc L5 W (G.W10) APT1	0.380	36.87	0.054	88.13	0.150	124.99	NORTH
L5 North Slab (G.W10.S48) in space: Spc L5 W (G.W10) APT1	0.000	0.00	0.054	15.85	0.054	15.85	NORTH
L5 North Wall (G.W10.E48) in space: Spc L5 W (G.W10) APT1	0.380	72.06	0.054	172.25	0.150	244.30	NORTH
L5 North Slab (G.N11.S52) in space: Spc L5 N (G.N11) APT3	0.000	0.00	0.054	9.05	0.054	9.05	NORTH
L5 North Wall (G.N11.E52) in space: Spc L5 N (G.N11) APT3	0.380	41.13	0.054	98.32	0.150	139.46	NORTH
L5 North Slab (G.N11.S54) in space: Spc L5 N (G.N11) APT3	0.000	0.00	0.054	7.74	0.054	7.74	NORTH
L5 North Wall (G.N11.E54) in space: Spc L5 N (G.N11) APT3	0.380	35.19	0.054	84.12	0.150	119.31	
L5 North Slab (G.N11.S56) in space: Spc L5 N (G.N11) APT3	0.000	0.00	0.054	29.11	0.054	29.11	NORTH
L5 North Wall (G.N11.E56) in space: Spc L5 N (G.N11) APT3	0.380	132.39	0.054	316.45	0.150	448.84	
L5 North Slab (G.N11.S58) in space: Spc L5 N (G.N11) APT3	0.000	0.00	0.054	6.93	0.054		NORTH
L5 North Wall (G.N11.E58) in space: Spc L5 N (G.N11) APT3	0.380	31.54	0.054	75.38	0.150	106.92	
L5 North Slab (G.N11.S60) in space: Spc L5 N (G.N11) APT3	0.000	0.00	0.054	13.57	0.054	13.57	
L5 North Wall (G.N11.E60) in space: Spc L5 N (G.N11) APT3	0.380	61.70	0.054	147.48	0.150	209.18	
L5 North Slab (G.N11.S62) in space: Spc L5 N (G.N11) APT3	0.000	0.00	0.054	3.42	0.054		NORTH
L5 North Wall (G.N11.E62) in space: Spc L5 N (G.N11) APT3	0.380	15.54	0.054	37.14	0.150		NORTH
L5 North Slab (G.N11.S64) in space: Spc L5 N (G.N11) APT3	0.000	0.00	0.054	8.64	0.054		NORTH
L5 North Wall (G.N11.E64) in space: Spc L5 N (G.N11) APT3	0.380	39.31	0.054	93.95	0.150	133.26	
L6 North Slab (G.N4.S4) in space: Spc L6 N (G.N4) ELEC	0.000	0.00	0.054	7.71	0.054		NORTH
L6 North Wall (G.N4.E4) in space: Spc L6 N (G.N4) ELEC	0.380	35.04	0.054	66.51	0.166	101.54	
L6 North Slab (G.WSW5.S7) in space: Spc L6 W (G.WSW5) APT1	0.000	0.00	0.054	2.38	0.054		NORTH
L6 North Wall (G.WSW5.E7) in space: Spc L6 W (G.WSW5) APT1	0.380	10.82	0.054	20.53	0.166	31.35	NORTH

in space: Spc L7 N (G.NE12) APT1

REPORT- LV-D Details of Exterior Surfaces WEATHER FILE- SEATTLE BOEING FI WA ----(CONTINUED)----L6 North Slab (G.ESE7.S15) 0.000 0.00 0.054 7.04 0.054 7.04 NORTH in space: Spc L6 E (G.ESE7) APT1 L6 North Wall (G.ESE7.E15) 0.380 31.99 0.054 60.72 0.166 92.71 NORTH in space: Spc L6 E (G.ESE7) APT1 L6 North Slab (G.NW9.S23) 0.000 0.00 0.054 19.66 0.054 19.66 NORTH in space: Spc L6 N (G.NW9) APT1 L6 North Wall (G.NW9.E23) 0.380 89.43 0.054 169.73 0.166 259.16 NORTH in space: Spc L6 N (G.NW9) APT1 L6 North Slab (G.NE10.S26) 0.000 0.00 0.054 16.21 0.054 16.21 NORTH in space: Spc L6 N (G.NE10) APT1 73.74 0.054 139.95 0.166 L6 North Wall (G.NE10.E26) 0.380 213.69 NORTH in space: Spc L6 N (G.NE10) APT1 L6 North Slab (G.NW11.S29) 0.000 0.00 0.054 15.28 0.054 15.28 NORTH in space: Spc L6 N (G.NW11) APT1 L6 North Wall (G.NW11.E29) 69.47 131.85 201.32 NORTH 0.380 0.054 0.166 in space: Spc L6 N (G.NW11) APT1 L6 North Slab (G.NE12.S31) 0.00 0.054 15.75 0.054 15.75 NORTH 0.000 in space: Spc L6 N (G.NE12) APT1 71.60 135.90 207.51 NORTH L6 North Wall (G.NE12.E31) 0.380 0.054 0.166 in space: Spc L6 N (G.NE12) APT1 0.054 L6 North Slab (G.NE12.S33) 0.000 0.00 0.054 7.84 7.84 NORTH in space: Spc L6 N (G.NE12) APT1 L6 North Wall (G.NE12.E33) 0.380 35.65 0.054 67.66 0.166 103.31 NORTH in space: Spc L6 N (G.NE12) APT1 0.054 0.054 L7 North Slab (G.N4.S1) 0.000 0.00 7.71 7.71 NORTH in space: Spc L7 N (G.N4) ELEC L7 North Wall (G.N4.E1) 0.380 35.04 0.054 66.51 0.166 101.54 NORTH in space: Spc L7 N (G.N4) ELEC 0.054 L7 North Slab (G.WSW5.S3) 0 000 0 00 0.054 2 38 2 38 NORTH in space: Spc L7 W (G.WSW5) APT1 L7 North Wall (G.WSW5.E3) 0.380 10.82 0.054 20.53 0.166 31.35 NORTH in space: Spc L7 W (G.WSW5) APT1 L7 North Slab (G.ESE7.S9) 0.000 0.00 0.054 7.04 0.054 7.04 NORTH in space: Spc L7 E (G.ESE7) APT1 L7 North Wall (G.ESE7.E9) 0.380 31.99 0.054 60.72 0.166 92.71 NORTH in space: Spc L7 E (G.ESE7) APT1 L7 North Slab (G.NW9.S15) 0.000 0.00 0.054 21.14 0.054 21.14 NORTH in space: Spc L7 N (G.NW9) APT1 L7 North Wall (G.NW9.E15) 0.380 96.13 0.054 182.46 0.166 278.59 NORTH in space: Spc L7 N (G.NW9) APT1 L7 North Slab (G.NE10.S18) 0.000 0.00 0.054 8.71 0.054 8.71 NORTH in space: Spc L7 N (G.NE10) APT1 L7 North Wall (G.NE10.E18) 39.61 0.054 114.79 NORTH 0.380 75.18 0.166 in space: Spc L7 N (G.NE10) APT1 L7 North Slab (G.NE10.S20) 0.000 0.00 0.054 6.03 0.054 6.03 NORTH in space: Spc L7 N (G.NE10) APT1 L7 North Wall (G.NE10.E20) 27.42 0.054 52.05 79.47 NORTH 0.380 0.166 in space: Spc L7 N (G.NE10) APT1 L7 North Slab (G.NW11.S22) 0.000 0.00 0.054 15.28 0.054 15.28 NORTH in space: Spc L7 N (G.NW11) APT1 69.47 201.32 NORTH L7 North Wall (G.NW11.E22) 0.380 0.054 131.85 0.166 in space: Spc L7 N (G.NW11) APT1 L7 North Slab (G.NE12.S23) 0.000 0.00 0.054 15.75 0.054 15.75 NORTH in space: Spc L7 N (G.NE12) APT1 71.60 135.90 207.51 NORTH L7 North Wall (G.NE12.E23) 0.380 0.054 0.166 in space: Spc L7 N (G.NE12) APT1 L7 North Slab (G.NE12.S25) 0.000 0.00 0.054 7.84 0.054 7.84 NORTH

in space: Spc L14 N (T.NE40) APT1

L16 North Slab (G.NE8.S16)

in space: Spc L16 N (G.NE8) APT1

0.000

0.00

0.054

6.03

0.054

6.03 NORTH

85.77 NORTH

4.15 NORTH

59.09 NORTH

23.11 NORTH

4.02 NORTH

57.18 NORTH

77.05 NORTH

23.78 NORTH

87.10 NORTH

60.30 NORTH

41.54 NORTH

40.20 NORTH

7.71 NORTH

2.38 NORTH

35.50 NORTH

21.14 NORTH

315.50 NORTH

in space: Spc L27 S (T.SW35) APT1

in space: Spc L27 S (T.SW35) APT1

in space: Spc L27 N (T.NW37) APT1

in space: Spc L27 N (T.NW37) APT1

L27 North Wall (T.SW35.E71)

L27 North Slab (T.NW37.S79)

L27 North Wall (T.NW37.E79)

0.380

0.000

0.380

10.82

0.00

96.13

0.054

0.054

0.054

24.68

21.14

219.37

0.153

0.054

in space: Spc L29 E (G.E6) STR L29 North Slab (G.E6.S25)

in space: Spc L29 E (G.E6) STR

0.000

0.00

0.054

4.32

0.054

4.32 NORTH

L1 East Wall (G.NNW2.E8)

in space: Spc L1 N (G.NNW2) RTL

0.385

76.47

0.054

90.40

0.205

166.88 EAST

REPORT- LV-D Details of Exterior Surfaces WEATHER FILE- SEATTLE BOEING FI WA ----(CONTINUED)----L29 North Wall (G.E6.E25) 0.380 19.65 0.054 65.23 0.129 84.88 NORTH in space: Spc L29 E (G.E6) STR L29 North Slab (G.NNW8.S31) 0.000 0.00 0.054 19.77 0.054 19.77 NORTH in space: Spc L29 N (G.NNW8) MECH L29 North Wall (G.NNW8.E31) 0.380 89.88 0.054 298.34 0.129 388.22 NORTH in space: Spc L29 N (G.NNW8) MECH L29 North Slab (G.N9.S37) 0.000 0.00 0.054 23.11 0.054 23.11 NORTH in space: Spc L29 N (G.N9) RST L29 North Wall (G.N9.E37) 0.380 105.12 0.054 348.90 0.129 454.02 NORTH in space: Spc L29 N (G.N9) RST 0.00 0.054 17.32 0.054 17.32 NORTH L30 North Slab (G.1.S3) 0.000 in space: L30 Spc (G.1) MECH L30 North Wall (G.1.E3) 0.000 0.00 0.054 713.10 0.054 713.10 NORTH in space: L30 Spc (G.1) MECH L4 North Slab (G.W8.S9) 0.00 2.45 0.054 2.45 NORTH 0.000 0.054 in space: Spc L4 W (G.W8) OFF L4 North Wall (G.W8.E9) 11.14 0.054 33.94 0.134 45.08 NORTH 0.380 in space: Spc L4 W (G.W8) OFF 13.60 NORTH L29 North Slab (G.SW5.S18) 0.000 0.00 0.054 13.60 0.054 in space: Spc L29 S (G.SW5) AMN 205.30 267.15 NORTH L29 North Wall (G.SW5.E18) 0.380 61.85 0.054 0.129 in space: Spc L29 S (G.SW5) AMN L28 North Slab (G.SW5.S12) 0.000 0.00 0.054 2.21 0.054 2.21 NORTH in space: Spc L28 S (G.SW5) APT1 L28 North Wall (G.SW5.E12) 10.05 0.054 40.69 NORTH 0.380 30.63 0.134 in space: Spc L28 S (G.SW5) APT1 L4 East Slab (G.N11.S29) 0.000 0.00 0.054 8.94 0.054 8.94 EAST in space: Spc L4 N (G.N11) OFF 0.054 105 55 0 171 164 61 EAST L4 East Wall (G.N11.E29) 0 380 59 06 in space: Spc L4 N (G.N11) OFF L14 East Slab (T.S36.S68) 0.000 0.00 0.054 1.61 0.054 1.61 EAST in space: Spc L14 S (T.S36) APT3 L14 East Wall (T.S36.E68) 0.380 10.62 0.054 14.17 0.194 24.79 EAST in space: Spc L14 S (T.S36) APT3 L14 East Slab (T.ESE37.S72) 0.000 0.00 0.054 25.80 0.054 25.80 EAST in space: Spc L14 E (T.ESE37) APT1 L14 East Wall (T.ESE37.E72) 0.380 170.32 0.054 227.39 0.194 397.70 EAST in space: Spc L14 E (T.ESE37) APT1 L5 East Slab (G.N11.S63) 0.000 0.00 0.054 1.68 0.054 1.68 EAST in space: Spc L5 N (G.N11) APT3 L5 East Wall (G.N11.E63) 0.380 11.06 0.054 14.77 0.194 25.83 EAST in space: Spc L5 N (G.N11) APT3 0.00 4.02 EAST L14 East Slab (T.NW39.S80) 0.000 0.054 4.02 0.054 in space: Spc L14 N (T.NW39) APT1 L14 East Wall (T.NW39.E80) 0.380 26.54 0.054 35.44 0.194 61.98 EAST in space: Spc L14 N (T.NW39) APT1 L2 East Slab (G.E5.S6)\$X 0.00 0.054 53.16 0.054 53.16 EAST 0.000 in space: Spc L2 E (G.E5) PKG L2 East Wall (G.E5.E6)\$X 0.000 0.00 0.054 660.99 0.054 660.99 EAST in space: Spc L2 E (G.E5) PKG L14 East Slab (T.NE40.S84) 0.000 0.00 0.054 15.41 0.054 15.41 EAST in space: Spc L14 N (T.NE40) APT1 L14 East Wall (T.NE40.E84) 0.380 101.75 0.054 135.84 0.194 237.59 EAST in space: Spc L14 N (T.NE40) APT1 0.054 L1 East Slab (G.NNW2.S8) 0.000 0.00 0.054 13.35 13.35 EAST in space: Spc L1 N (G.NNW2) RTL

in space: Spc L2 N (G.NNW8) PKG

in space: Spc L5 S (G.S7) APT3

L17 East Slab (M.NE23.S44)

in space: Spc L17 N (M.NE23) APT1

0.000

0.00

0.054

167.50

0.054

167.50 EAST

REPORT- LV-D Details of Exterior Surfaces WEATHER FILE- SEATTLE BOEING FI WA ----(CONTINUED)---L17 East Wall (M.NE23.E44) 0.380 1105.97 0.054 1276.53 0.205 2382.50 EAST in space: Spc L17 N (M.NE23) APT1 L7 East Slab (G.NE10.S17) 0.000 0.00 0.054 15.41 0.054 15.41 EAST in space: Spc L7 N (G.NE10) APT1 L7 East Wall (G.NE10.E17) 0.380 101.75 0.054 101.34 0.217 203.09 EAST in space: Spc L7 N (G.NE10) APT1 L5 East Slab (G.ESE8.S36) 0.000 0.00 0.054 5.43 0.054 5.43 EAST in space: Spc L5 E (G.ESE8) APT1 L5 East Wall (G.ESE8.E36) 0.380 35.83 0.054 47.84 0.194 83.67 EAST in space: Spc L5 E (G.ESE8) APT1 0.00 0.054 100.50 0.054 100.50 EAST L17 East Slab (M.NNE24.S49) 0.000 in space: Spc L17 N (M.NNE24) APT1 L17 East Wall (M.NNE24.E49) 0.380 663.58 0.054 765.92 0.205 1429.50 EAST in space: Spc L17 N (M.NNE24) APT1 L5 East Slab (G.ESE8.S38) 0.00 12.50 0.054 12.50 EAST 0.000 0.054 in space: Spc L5 E (G.ESE8) APT1 L5 East Wall (G.ESE8.E38) 82.51 0.054 110.15 0.194 192.65 EAST 0.380 in space: Spc L5 E (G.ESE8) APT1 67.00 L17 East Slab (M.NNE24.S51) 0.000 0.00 0.054 0.054 67.00 EAST in space: Spc L17 N (M.NNE24) APT1 442.39 0.054 510.61 0.205 L17 East Wall (M.NNE24.E51) 0.380 953.00 EAST in space: Spc L17 N (M.NNE24) APT1 L17 East Slab (M.NNE24.S53) 0.000 0.00 0.054 93.80 0.054 93.80 EAST in space: Spc L17 N (M.NNE24) APT1 619.34 0.054 L17 East Wall (M.NNE24.E53) 0.380 714.86 0.205 1334.20 EAST in space: Spc L17 N (M.NNE24) APT1 L4 East Slab (G.E10.S18) 0.000 0.00 0.054 18.69 0.054 18.69 EAST in space: Spc L4 E (G.E10) OFF 123 43 0.054 220 58 0 171 L4 East Wall (G.E10.E18) 0 380 344 01 EAST in space: Spc L4 E (G.E10) OFF L17 East Slab (M.SE28.S58) 0.000 0.00 0.054 187.60 0.054 187.60 EAST in space: Spc L17 S (M.SE28) APT1 L17 East Wall (M.SE28.E58) 0.380 1238.68 0.054 1429.72 0.205 2668.40 EAST in space: Spc L17 S (M.SE28) APT1 L5 East Slab (G.ENE9.S41) 0.000 0.00 0.054 33.67 0.054 33.67 EAST in space: Spc L5 E (G.ENE9) APT1 L5 East Wall (G.ENE9.E41) 0.380 222.30 0.054 296.78 0.194 519.08 EAST in space: Spc L5 E (G.ENE9) APT1 L17 East Slab (M.ENE29.S61) 0.000 0.00 0.054 48.24 0.054 48.24 EAST in space: Spc L17 E (M.ENE29) APT1 L17 East Wall (M.ENE29.E61) 0.380 318.52 0.054 367.64 0.205 686.16 EAST in space: Spc L17 E (M.ENE29) APT1 0.00 0.054 123.95 0.054 123.95 EAST L17 East Slab (M.ENE29.S62) 0.000 in space: Spc L17 E (M.ENE29) APT1 L17 East Wall (M.ENE29.E62) 0.380 818.42 0.054 944.63 0.205 1763.05 EAST in space: Spc L17 E (M.ENE29) APT1 L7 East Slab (G.NE12.S24) 0.00 0.054 1.81 0.054 1.81 EAST 0.000 in space: Spc L7 N (G.NE12) APT1 L7 East Wall (G.NE12.E24) 0.380 11.94 0.054 11.90 0.217 23.84 EAST in space: Spc L7 N (G.NE12) APT1 0.00 L27 East Slab (T.SW35.S69) 0.000 0.054 4.29 0.054 4.29 EAST in space: Spc L27 S (T.SW35) APT1 L27 East Wall (T.SW35.E69) 0.380 28.31 0.054 35.69 0.198 64.00 EAST in space: Spc L27 S (T.SW35) APT1 1.71 0.054 L5 East Slab (G.W10.S44) 0.000 0.00 0.054 1.71 EAST in space: Spc L5 W (G.W10) APT1 L5 East Wall (G.W10.E44) 0.380 11.28 0.054 15.06 0.194 26.34 EAST in space: Spc L5 W (G.W10) APT1

in space: Spc L27 E (T.ENE44) APT1

in space: Spc L8 E (M.ESE22) APT1

0.000

0.00

0.054

154.77

0.054

154.77 EAST

L8 East Slab (M.ESE22.S37)

REPORT- LV-D Details of Exterior Surfaces WEATHER FILE- SEATTLE BOEING FI WA ----(CONTINUED)--L27 East Slab (T.NW37.S78) 0.000 0.00 0.054 4.36 0.054 4.36 EAST in space: Spc L27 N (T.NW37) APT1 L27 East Wall (T.NW37.E78) 0.380 28.76 0.054 36.24 0.198 65.00 EAST in space: Spc L27 N (T.NW37) APT1 L7 East Slab (G.NE12.S26) 0.000 0.00 0.054 23.78 0.054 23.78 EAST in space: Spc L7 N (G.NE12) APT1 L7 East Wall (G.NE12.E26) 0.380 157.05 0.054 156.42 0.217 313.46 EAST in space: Spc L7 N (G.NE12) APT1 L27 East Slab (T.NE38.S82) 0.000 0.00 0.054 16.75 0.054 16.75 EAST in space: Spc L27 N (T.NE38) APT1 110.60 0.054 139.40 0.198 250.00 EAST L27 East Wall (T.NE38.E82) 0.380 in space: Spc L27 N (T.NE38) APT1 L7 East Slab (G.ESE13.S27) 0.000 0.00 0.054 4.15 0.054 4.15 EAST in space: Spc L7 E (G.ESE13) APT1 L7 East Wall (G.ESE13.E27) 27.43 27.32 0.217 54.75 EAST 0.380 0.054 in space: Spc L7 E (G.ESE13) APT1 0.00 0.054 7.24 0.054 7.24 EAST L7 East Slab (G.ESE13.S29) 0.000 in space: Spc L7 E (G.ESE13) APT1 47.78 47.59 L7 East Wall (G.ESE13.E29) 0.380 0.054 0.217 95.36 EAST in space: Spc L7 E (G.ESE13) APT1 0.054 0.054 L27 East Slab (T.NNE39.S88) 0.000 0.00 10.05 10.05 EAST in space: Spc L27 N (T.NNE39) APT1 L27 East Wall (T.NNE39.E88) 0.380 66.36 0.054 83.64 0.198 150.00 EAST in space: Spc L27 N (T.NNE39) APT1 0.054 0.054 L1 East Slab (G.S13.S32)\$X 0.000 0.00 2.00 2.00 EAST in space: Spc L1 S (G.S13) ELEC L1 East Wall (G.S13.E32)\$X 0.000 0.00 0.054 25.00 0.054 25.00 EAST in space: Spc L1 S (G.S13) ELEC 0.054 6 70 0 054 6 70 L27 East Slab (T.NNE39.S90) 0 000 0 00 EAST in space: Spc L27 N (T.NNE39) APT1 L27 East Wall (T.NNE39.E90) 0.380 44.24 0.054 55.76 0.198 100.00 EAST in space: Spc L27 N (T.NNE39) APT1 L27 East Slab (T.NNE39.S92) 0.000 0.00 0.054 9.38 0.054 9.38 EAST in space: Spc L27 N (T.NNE39) APT1 L27 East Wall (T.NNE39.E92) 0.380 61.93 0.054 78.07 0.198 140.00 EAST in space: Spc L27 N (T.NNE39) APT1 L5 East Slab (G.W10.S47) 0.000 0.00 0.054 1.68 0.054 1.68 EAST in space: Spc L5 W (G.W10) APT1 L5 East Wall (G.W10.E47) 0.380 11.06 0.054 14.77 0.194 25.83 EAST in space: Spc L5 W (G.W10) APT1 L27 East Slab (T.SE43.S101) 0.000 0.00 0.054 18.76 0.054 18.76 EAST in space: Spc L27 S (T.SE43) APT1 L27 East Wall (T.SE43.E101) 123.87 0.054 156.13 280.00 EAST 0.380 0.198 in space: Spc L27 S (T.SE43) APT1 L8 East Slab (M.S21.S34) 0.000 0.00 0.054 9.65 0.054 9.65 EAST in space: Spc L8 S (M.S21) APT3 L8 East Wall (M.S21.E34) 63.70 0.054 63.45 0.217 127.15 EAST 0.380 in space: Spc L8 S (M.S21) APT3 L27 East Slab (T.ENE44.S105) 0.000 0.00 0.054 4.82 0.054 4.82 EAST in space: Spc L27 E (T.ENE44) APT1 L27 East Wall (T.ENE44.E105) 31.85 72.00 EAST 0.380 0.054 40.15 0.198 in space: Spc L27 E (T.ENE44) APT1 L27 East Slab (T.ENE44.S106) 0.000 0.00 0.054 12.40 0.054 12.40 EAST in space: Spc L27 E (T.ENE44) APT1 81.84 L27 East Wall (T.ENE44.E106) 0.380 0.054 103.16 0.198 185.00 EAST

in space: Spc L5 N (G.N11) APT3

REPORT- LV-D Details of Exterior Surfaces WEATHER FILE- SEATTLE BOEING FI WA -- (CONTINUED)---L8 East Wall (M.ESE22.E37) 0.380 1021.91 0.054 1017.82 0.217 2039.73 EAST in space: Spc L8 E (M.ESE22) APT1 L4 East Slab (G.E10.S20) 0.000 0.00 0.054 5.43 0.054 5.43 EAST in space: Spc L4 E (G.E10) OFF L4 East Wall (G.E10.E20) 0.380 35.83 0.054 64.04 0.171 99.87 EAST in space: Spc L4 E (G.E10) OFF L8 East Slab (M.NW24.S43) 0.000 0.00 0.054 24.12 0.054 24.12 EAST in space: Spc L8 N (M.NW24) APT1 L8 East Wall (M.NW24.E43) 0.380 159.26 0.054 158.62 0.217 317.88 EAST in space: Spc L8 N (M.NW24) APT1 0.00 0.054 5.76 0.054 L28 East Slab (G.NE6.S16) 0.000 5.76 EAST in space: Spc L28 N (G.NE6) APT1 L28 East Wall (G.NE6.E16) 0.380 38.05 0.054 67.99 0.171 106.04 EAST in space: Spc L28 N (G.NE6) APT1 L28 East Slab (G.NE6.S18) 0.00 10.05 10.05 EAST 0.000 0.054 0.054 in space: Spc L28 N (G.NE6) APT1 L28 East Wall (G.NE6.E18) 66.36 0.054 118.59 0.171 184.95 EAST 0.380 in space: Spc L28 N (G.NE6) APT1 L4 East Slab (G.E10.S22) 0.000 0.00 0.054 35.78 0.054 35.78 EAST in space: Spc L4 E (G.E10) OFF 236.23 658.42 EAST L4 East Wall (G.E10.E22) 0.380 0.054 422.19 0.171 in space: Spc L4 E (G.E10) OFF L28 East Slab (G.NE6.S20) 0.000 0.00 0.054 6.70 0.054 6.70 EAST in space: Spc L28 N (G.NE6) APT1 123.30 EAST L28 East Wall (G.NE6.E20) 0.380 44.24 0.054 79.06 0.171 in space: Spc L28 N (G.NE6) APT1 L28 East Slab (G.NE6.S22) 0.000 0.00 0.054 9.38 0.054 9.38 EAST in space: Spc L28 N (G.NE6) APT1 110 69 0 171 172 62 EAST L28 East Wall (G.NE6.E22) 0 380 61 93 0.054 in space: Spc L28 N (G.NE6) APT1 L8 East Slab (M.NE25.S46) 0.000 0.00 0.054 92.46 0.054 92.46 EAST in space: Spc L8 N (M.NE25) APT1 L8 East Wall (M.NE25.E46) 0.380 610.49 0.054 608.05 0.217 1218.54 EAST in space: Spc L8 N (M.NE25) APT1 L28 East Slab (G.NE6.S25) 0.000 0.00 0.054 9.85 0.054 9.85 EAST in space: Spc L28 N (G.NE6) APT1 L28 East Wall (G.NE6.E25) 0.380 65.03 0.054 116.22 0.171 181.25 EAST in space: Spc L28 N (G.NE6) APT1 L28 East Slab (G.SSE9.S30) 0.000 0.00 0.054 3.89 0.054 3.89 EAST in space: Spc L28 S (G.SSE9) APT1 L28 East Wall (G.SSE9.E30) 0.380 25.66 0.054 45.86 0.171 71.51 EAST in space: Spc L28 S (G.SSE9) APT1 0.00 0.054 L28 East Slab (G.SSE9.S32) 0.000 15.81 0.054 15.81 EAST in space: Spc L28 S (G.SSE9) APT1 L28 East Wall (G.SSE9.E32) 0.380 104.40 0.054 186.58 0.171 290.99 EAST in space: Spc L28 S (G.SSE9) APT1 L28 East Slab (G.N10.S35) 0.00 0.054 0.054 16.08 EAST 0.000 16.08 in space: Spc L28 N (G.N10) APT1 L28 East Wall (G.N10.E35) 0.380 106.17 0.054 189.75 0.171 295.92 EAST in space: Spc L28 N (G.N10) APT1 0.00 7.87 7.87 EAST L2 East Slab (G.NE9.S21) 0.000 0.054 0.054 in space: Spc L2 N (G.NE9) RTL L2 East Wall (G.NE9.E21) 0.380 51.98 0.054 45.90 0.227 97.88 EAST in space: Spc L2 N (G.NE9) RTL 0.054 L5 East Slab (G.N11.S55) 0.000 0.00 0.054 1.68 1.68 EAST in space: Spc L5 N (G.N11) APT3 L5 East Wall (G.N11.E55) 0.380 11.06 0.054 14.77 0.194 25.83 EAST

in space: L30 Spc (G.1) MECH L3 East Slab (G.E5.S5)\$X

in space: Spc L3 E (G.E5) PKG

0.000

0.00

0.054

70.28

0.054

70.28 EAST

0.054

0.155

6.43

68.28

6.43 SOUTH

99.17 SOUTH

SOUTH-EAST

in space: Spc L17 S (M.SW20) APT1

in space: Spc L5 S (G.S7) APT3

in space: Spc L5 S (G.S7) APT3

L5 South Slab (G.S7.S27)

L5 South Wall (G.S7.E27)

0.00

30.89

0.054

0.054

0.000

WEATHER FILE- SEATTLE BOEING FI WA

----(CONTINUED)----L17 South Slab (M.W21.S39) 0.000 0.00 0.054 23.78 0.054 23.78 SOUTH in space: Spc L17 W (M.W21) APT1 L17 South Wall (M.W21.E39) 0.380 114.21 0.054 224.10 0.164 338.31 SOUTH in space: Spc L17 W (M.W21) APT1 L5 South Slab (G.S7.S29) 0.000 0.00 0.054 8.24 0.054 8.24 SOUTH in space: Spc L5 S (G.S7) APT3 L5 South Wall (G.S7.E29) 0.380 39.57 0.054 87.49 0.155 127.06 SOUTH in space: Spc L5 S (G.S7) APT3 L8 South Slab (M.ESE28.S57) 0.000 0.00 0.054 19.30 0.054 19.30 SOUTH in space: Spc L8 E (M.ESE28) APT1 92.66 0.054 161.65 0.173 254.30 SOUTH L8 South Wall (M.ESE28.E57) 0.380 in space: Spc L8 E (M.ESE28) APT1 L1 South Slab (G.ENE18.S43) 0.000 0.00 0.054 4.20 0.054 4.20 SOUTH in space: Spc L1 E (G.ENE18) RTL L1 South Wall (G.ENE18.E43) 24.06 28.44 0.205 52.50 SOUTH 0.385 0.054 in space: Spc L1 E (G.ENE18) RTL L5 South Slab (G.S7.S31) 0.00 0.054 9.75 0.054 9.75 SOUTH 0.000 in space: Spc L5 S (G.S7) APT3 46.81 103.49 150.30 SOUTH L5 South Wall (G.S7.E31) 0.380 0.054 0.155 in space: Spc L5 S (G.S7) APT3 0.054 0.054 16.58 SOUTH L14 South Slab (T.WSW35.S64) 0.000 0.00 16.58 in space: Spc L14 W (T.WSW35) APT1 L14 South Wall (T.WSW35.E64) 0.380 79.63 0.054 176.04 0.155 255.67 SOUTH in space: Spc L14 W (T.WSW35) APT1 0.054 0.054 L17 South Slab (M.NNE24.S48) 0.000 0.00 40.20 40.20 SOUTH in space: Spc L17 N (M.NNE24) APT1 L17 South Wall (M.NNE24.E48) 0.380 193.04 0.054 378.76 0.164 571.80 SOUTH in space: Spc L17 N (M.NNE24) APT1 0.054 L5 South Slab (G.ESE8.S33) 0 000 0 00 0.054 17 39 17 39 SOUTH in space: Spc L5 E (G.ESE8) APT1 L5 South Wall (G.ESE8.E33) 0.380 83.49 0.054 184.57 0.155 268.06 SOUTH in space: Spc L5 E (G.ESE8) APT1 L1 South Slab (G.ENE18.S44) 0.000 0.00 0.054 31.15 0.054 31.15 SOUTH in space: Spc L1 E (G.ENE18) RTL L1 South Wall (G.ENE18.E44) 0.385 178.44 0.054 210.94 0.205 389.38 SOUTH in space: Spc L1 E (G.ENE18) RTL L14 South Slab (T.S36.S69) 0.000 0.00 0.054 48.01 0.054 48.01 SOUTH in space: Spc L14 S (T.S36) APT3 L14 South Wall (T.S36.E69) 0.380 230.52 0.054 509.62 0.155 740.14 SOUTH in space: Spc L14 S (T.S36) APT3 L17 South Slab (M.NNE24.S52) 0.000 0.00 0.054 41.54 0.054 41.54 SOUTH in space: Spc L17 N (M.NNE24) APT1 199.47 0.054 391.39 590.86 SOUTH L17 South Wall (M.NNE24.E52) 0.380 0.164 in space: Spc L17 N (M.NNE24) APT1 L14 South Slab (T.S36.S70) 0.000 0.00 0.054 1.61 0.054 1.61 SOUTH in space: Spc L14 S (T.S36) APT3 L14 South Wall (T.S36.E70) 7.72 0.054 17.07 0.155 24.79 SOUTH 0.380 in space: Spc L14 S (T.S36) APT3 L1 South Slab (G.S13.S28)\$X 0.000 0.00 0.054 10.05 0.054 10.05 SOUTH in space: Spc L1 S (G.S13) ELEC 0.00 0.054 125.62 SOUTH L1 South Wall (G.S13.E28)\$X 0.000 125.62 0.054 in space: Spc L1 S (G.S13) ELEC L17 South Slab (M.S27.S56) 0.000 0.00 0.054 176.54 0.054 176.54 SOUTH in space: Spc L17 S (M.S27) APT1 847.76 1663.39 2511.15 SOUTH L17 South Wall (M.S27.E56) 0.380 0.054 0.164 in space: Spc L17 S (M.S27) APT1 L4 South Slab (G.E10.S21) 0.000 0.00 0.054 2.65 0.054 2.65 SOUTH in space: Spc L4 E (G.E10) OFF

WEATHER FILE- SEATTLE BOEING FI WA

REPORT- LV-D Details of Exterior Surface	ces				WEATHER F	ILE- SEATTLE BUE	
7.4. G 1. W. 11. (G. 710. 701.)		10 51	0.054	26.00	0 120	(CONTIN	
L4 South Wall (G.E10.E21)	0.380	12.71	0.054	36.00	0.139	48.70	SOUTH
in space: Spc L4 E (G.E10) OFF L17 South Slab (M.SE28.S59)	0.000	0.00	0.054	232.15	0.054	232.15	COLUMN
in space: Spc L17 S (M.SE28) APT1	0.000	0.00	0.034	232.13	0.034	232.13	3001H
	0.380	1114.80	0.054	2187.35	0.164	3302.14	COLUMN
L17 South Wall (M.SE28.E59) in space: Spc L17 S (M.SE28) APT1	0.360	1114.00	0.054	2107.35	0.164	3302.14	SOUTH
L14 South Slab (T.ESE37.S74)	0.000	0.00	0.054	20.07	0.054	20.07	COLLEGE
in space: Spc L14 E (T.ESE37) APT1	0.000	0.00	0.034	20.07	0.034	20.07	500111
L14 South Wall (T.ESE37.E74)	0.380	96.36	0.054	213.02	0.155	309.38	SOUTH
in space: Spc L14 E (T.ESE37) APT1	0.300	30.30	0.051	213.02	0.155	309.30	500111
L14 South Slab (T.W38.S77)	0.000	0.00	0.054	2.38	0.054	2 38	SOUTH
in space: Spc L14 W (T.W38) APT1	0.000	0.00	0.001	2.50	0.031	2.30	500111
L14 South Wall (T.W38.E77)	0.380	11.42	0.054	25.25	0.155	36.67	SOUTH
in space: Spc L14 W (T.W38) APT1							
L6 South Slab (G.ESE13.S37)	0.000	0.00	0.054	3.22	0.054	3.22	SOUTH
in space: Spc L6 E (G.ESE13) APT1							
L6 South Wall (G.ESE13.E37)	0.380	15.44	0.054	26.94	0.173	42.38	SOUTH
in space: Spc L6 E (G.ESE13) APT1							
L5 South Slab (G.ESE8.S37)	0.000	0.00	0.054	2.65	0.054	2.65	SOUTH
in space: Spc L5 E (G.ESE8) APT1							
L5 South Wall (G.ESE8.E37)	0.380	12.71	0.054	28.10	0.155	40.80	SOUTH
in space: Spc L5 E (G.ESE8) APT1							
L27 South Slab (T.SW35.S68)	0.000	0.00	0.054	18.19	0.054	18.19	SOUTH
in space: Spc L27 S (T.SW35) APT1							
L27 South Wall (T.SW35.E68)	0.380	87.35	0.054	184.15	0.159	271.50	SOUTH
in space: Spc L27 S (T.SW35) APT1							
L2 South Slab (G.SE10.S24)	0.000	0.00	0.054	11.32	0.054	11.32	SOUTH
in space: Spc L2 S (G.SE10) RTL							
L2 South Wall (G.SE10.E24)	0.380	54.37	0.054	86.40	0.180	140.78	SOUTH
in space: Spc L2 S (G.SE10) RTL							
L27 South Slab (T.SW35.S70)	0.000	0.00	0.054	7.64	0.054	7.64	SOUTH
in space: Spc L27 S (T.SW35) APT1							
L27 South Wall (T.SW35.E70)	0.380	36.68	0.054	77.32	0.159	114.00	SOUTH
in space: Spc L27 S (T.SW35) APT1							
L7 South Slab (G.WSW5.S2)	0.000	0.00	0.054	16.58	0.054	16.58	SOUTH
in space: Spc L7 W (G.WSW5) APT1							
L7 South Wall (G.WSW5.E2)	0.380	79.63	0.054	138.91	0.173	218.54	SOUTH
in space: Spc L7 W (G.WSW5) APT1	0.000	0.00	0.054	0.00	0.054	0.20	
L27 South Slab (T.W36.S75)	0.000	0.00	0.054	2.38	0.054	2.38	SOUTH
in space: Spc L27 W (T.W36) APT1	0.380	11.42	0.054	24.08	0.159	25 50	SOUTH
L27 South Wall (T.W36.E75) in space: Spc L27 W (T.W36) APT1	0.360	11.42	0.054	24.00	0.159	35.50	SOUTH
L1 South Slab \$X	0.000	0.00	0.054	6.83	0.054	6 02	SOUTH
in space: Spc L1 S (G.S13) ELEC	0.000	0.00	0.034	0.03	0.034	0.03	500111
L1 South Wall (G.S13.E30)\$X	0.000	0.00	0.054	170.62	0.054	170.62	SOUTH
in space: Spc L1 S (G.S13) ELEC	0.000	0.00	0.051	170.02	0.051	170.02	500111
L1 South Slab (G.S19.S50)\$X	0.000	0.00	0.054	10.40	0.054	10.40	SOUTH
in space: Spc L1 S (G.S19) PKG	0.000	0.00	0.051	10.10	0.001	10.10	500111
L1 South Wall (G.S19.E50)\$X	0.385	59.57	0.054	70.43	0.205	130.00	SOUTH
in space: Spc L1 S (G.S19) PKG							
L7 South Slab (G.S6.S6)	0.000	0.00	0.054	48.01	0.054	48.01	SOUTH
in space: Spc L7 S (G.S6) APT3							
L7 South Wall (G.S6.E6)	0.380	230.52	0.054	402.15	0.173	632.67	SOUTH
in space: Spc L7 S (G.S6) APT3							
L7 South Slab (G.S6.S7)	0.000	0.00	0.054	1.61	0.054	1.61	SOUTH
in space: Spc L7 S (G.S6) APT3							
L7 South Wall (G.S6.E7)	0.380	7.72	0.054	13.47	0.173	21.19	SOUTH
in space: Spc L7 S (G.S6) APT3							

----(CONTINUED)----

20.37 SOUTH

314.03 SOUTH

4.02 SOUTH

60.00 SOUTH

32.39 SOUTH

426.93 SOUTH

20.07 SOUTH

264.46 SOUTH

3.22 SOUTH

49.58 SOUTH

4.15 SOUTH

62.00 SOUTH

2.38 SOUTH

31.35 SOUTH

3 58 SOUTH

55.27 SOUTH

17.65 SOUTH

263.50 SOUTH

18.19 SOUTH

307.61 SOUTH

23.22 SOUTH

346.50 SOUTH

38.32 SOUTH

505.08 SOUTH

129.16 SOUTH

28.71 SOUTH

378.37 SOUTH

2.38 SOUTH

7.64 SOUTH

in space: Spc L15 S (G.SW5) APT1 L3 South Slab (G.NW8.S12)\$X

in space: Spc L3 N (G.NW8) PKG

in space: Spc L3 N (G.NW8) PKG L15 South Slab (G.W6.S13)

in space: Spc L15 W (G.W6) APT1

L3 South Wall (G.NW8.E12)\$X

0.000

0.000

0.000

0.00

0.00

0.00

0.054

0.054

0.054

28.71

378.37

2.38

0.054

0.054

0.054

0.054

20.44

269.32

20.44 SOUTH

269.32 SOUTH

in space: Spc L28 S (G.SSE9) APT1

in space: Spc L3 S (G.S9) OFF

L3 South Slab (G.S9.S20) in space: Spc L3 S (G.S9) OFF L3 South Wall (G.S9.E20)

WEATHER FILE- SEATTLE BOEING FI WA ----(CONTINUED)----L15 South Wall (G.W6.E13) 0.380 11.42 0.054 28.80 0.147 40.22 SOUTH in space: Spc L15 W (G.W6) APT1 L2 South Slab (G.E5.S5)\$X 0.000 0.00 0.054 21.07 0.054 21.07 SOUTH in space: Spc L2 E (G.E5) PKG L2 South Wall (G.E5.E5)\$X 0.000 0.00 0.054 261.98 0.054 261.98 SOUTH in space: Spc L2 E (G.E5) PKG L5 South Slab (G.N11.S51) 0.000 0.00 0.054 7.17 0.054 7.17 SOUTH in space: Spc L5 N (G.N11) APT3 L5 South Wall (G.N11.E51) 0.380 34.43 0.054 76.11 0.155 110.53 SOUTH in space: Spc L5 N (G.N11) APT3 0.00 0.054 3.30 0.054 L1 South Slab (G.S13.S31) \$X 0.000 3.30 SOUTH in space: Spc L1 S (G.S13) ELEC L1 South Wall (G.S13.E31)\$X 0.000 0.00 0.054 41.25 0.054 41.25 SOUTH in space: Spc L1 S (G.S13) ELEC L5 South Slab (G.W6.S6) 0.054 16.55 SOUTH 0.000 0.00 0.054 16.55 in space: Spc L5 W (G.W6) APT1 L5 South Wall (G.W6.E6) 79.47 0.054 175.68 0.155 255.15 SOUTH 0.380 in space: Spc L5 W (G.W6) APT1 4.02 SOUTH L28 South Slab (G.NE6.S17) 0.000 0.00 0.054 4.02 0.054 in space: Spc L28 N (G.NE6) APT1 19.30 0.054 73.98 SOUTH L28 South Wall (G.NE6.E17) 0.380 54.68 0.139 in space: Spc L28 N (G.NE6) APT1 L1 South Slab (G.SW3.S12)\$X 0.000 0.00 0.054 44.85 0.054 44.85 SOUTH in space: Spc L1 S (G.SW3) PKG 0.054 560.62 0.054 560.62 SOUTH L1 South Wall (G.SW3.E12)\$X 0.000 0.00 in space: Spc L1 S (G.SW3) PKG L15 South Slab (G.NE9.S25) 0.000 0.00 0.054 4.02 0.054 4.02 SOUTH in space: Spc L15 N (G.NE9) AMN 0.054 0 147 L15 South Wall (G.NE9.E25) 0 380 19 30 48 68 67 98 SOUTH in space: Spc L15 N (G.NE9) AMN L5 South Slab (G.W6.S8) 0.000 0.00 0.054 4.69 0.054 4.69 SOUTH in space: Spc L5 W (G.W6) APT1 L5 South Wall (G.W6.E8) 0.380 22.52 0.054 49.79 0.155 72.31 SOUTH in space: Spc L5 W (G.W6) APT1 L28 South Slab (G.NE6.S21) 0.000 0.00 0.054 4.15 0.054 4.15 SOUTH in space: Spc L28 N (G.NE6) APT1 L28 South Wall (G.NE6.E21) 0.380 19.95 0.054 56.50 0.139 76.45 SOUTH in space: Spc L28 N (G.NE6) APT1 L5 South Slab (G.W6.S10) 0.000 0.00 0.054 8.81 0.054 8.81 SOUTH in space: Spc L5 W (G.W6) APT1 L5 South Wall (G.W6.E10) 0.380 42.31 0.054 93.53 0.155 135.84 SOUTH in space: Spc L5 W (G.W6) APT1 0.054 87.47 SOUTH L2 South Slab (G.SSW7.S10)\$X 0.000 0.00 87.47 0.054 in space: Spc L2 S (G.SSW7) PKG L2 South Wall (G.SSW7.E10)\$X 0.000 0.00 0.054 1087.48 0.054 1087.48 SOUTH in space: Spc L2 S (G.SSW7) PKG L7 South Slab (G.ESE13.S28) 0.00 0.054 3.22 0.054 3.22 SOUTH 0.000 in space: Spc L7 E (G.ESE13) APT1 L7 South Wall (G.ESE13.E28) 0.380 15.44 0.054 26.94 0.173 42.38 SOUTH in space: Spc L7 E (G.ESE13) APT1 24.79 SOUTH L28 South Slab (G.SSE9.S29) 0.000 0.00 0.054 24.79 0.054 in space: Spc L28 S (G.SSE9) APT1 L28 South Wall (G.SSE9.E29) 0.380 119.04 0.054 337.17 0.139 456.21 SOUTH

0.00

0.00

0.054

0.054

0.000

WEATHER FILE- SEATTLE BOEING FI WA

REPORT- LV-D Details of Exterior Surfa	ces				WEATHER FIL	E- SEATTLE BOE	ING FI WA
L28 South Slab (G.SSE9.S31) in space: Spc L28 S (G.SSE9) APT1	0.000	0.00	0.054	15.41	0.054	15.41	SOUTH
L28 South Wall (G.SSE9.E31) in space: Spc L28 S (G.SSE9) APT1	0.380	74.00	0.054	209.59	0.139	283.59	SOUTH
L15 South Slab (G.SSE12.S35) in space: Spc L15 S (G.SSE12) FIT	0.000	0.00	0.054	36.85	0.054	36.85	SOUTH
L15 South Wall (G.SSE12.E35) in space: Spc L15 S (G.SSE12) FIT	0.380	176.95	0.054	446.20	0.147	623.15	SOUTH
L1 South Slab (G.S11.S23)\$X in space: Spc L1 S (G.S11) PKG	0.000	0.00	0.054	7.15	0.054	7.15	SOUTH
L1 South Wall (G.S11.E23)\$X in space: Spc L1 S (G.S11) PKG	0.000	0.00	0.054	89.38	0.054	89.38	SOUTH
L16 South Slab (G.SW5.S2) in space: Spc L16 S (G.SW5) APT1	0.000	0.00	0.054	18.19	0.054	18.19	SOUTH
L16 South Wall (G.SW5.E2) in space: Spc L16 S (G.SW5) APT1	0.380	87.35	0.054	171.39	0.164	258.74	SOUTH
L8 South Slab (M.WSW20.S31) in space: Spc L8 W (M.WSW20) APT1	0.000	0.00	0.054	99.50	0.054	99.50	SOUTH
L8 South Wall (M.WSW20.E31) in space: Spc L8 W (M.WSW20) APT1	0.380	477.77	0.054	833.48	0.173	1311.26	SOUTH
L16 South Slab (G.SW5.S4) in space: Spc L16 S (G.SW5) APT1	0.000	0.00	0.054	7.64	0.054	7.64	SOUTH
L16 South Wall (G.SW5.E4) in space: Spc L16 S (G.SW5) APT1	0.380	36.68	0.054	71.96	0.164	108.64	SOUTH
L1 South Slab (G.S11.S24)\$X in space: Spc L1 S (G.S11) PKG	0.000	0.00	0.054	25.50	0.054	25.50	SOUTH
L1 South Wall (G.S11.E24)\$X in space: Spc L1 S (G.S11) PKG	0.000	0.00	0.054	318.75	0.054	318.75	SOUTH
L29 South Slab (G.ENE2.S6) in space: Spc L29 E (G.ENE2) COR	0.000	0.00	0.054	4.19	0.054	4.19	SOUTH
L29 South Wall (G.ENE2.E6) in space: Spc L29 E (G.ENE2) COR	0.380	20.11	0.054	62.14	0.134	82.25	SOUTH
L29 South Slab (G.ENE2.S7) in space: Spc L29 E (G.ENE2) COR	0.000	0.00	0.054	3.22	0.054	3.22	SOUTH
L29 South Wall (G.ENE2.E7) in space: Spc L29 E (G.ENE2) COR	0.380	15.44	0.054	47.72	0.134	63.17	SOUTH
L16 South Slab (G.W6.S8) in space: Spc L16 W (G.W6) APT1	0.000	0.00	0.054	2.38	0.054	2.38	SOUTH
L16 South Wall (G.W6.E8) in space: Spc L16 W (G.W6) APT1	0.380	11.42	0.054	22.41	0.164	33.83	SOUTH
L29 South Slab (G.S3.S11) in space: Spc L29 S (G.S3) ELV	0.000	0.00	0.054	15.38	0.054	15.38	SOUTH
L29 South Wall (G.S3.E11) in space: Spc L29 S (G.S3) ELV	0.380	73.84	0.054	228.18	0.134	302.02	SOUTH
L1 South Slab (G.S12.S26)\$X in space: Spc L1 S (G.S12) TRSH	0.000	0.00	0.054	12.85	0.054	12.85	SOUTH
L1 South Wall (G.S12.E26)\$X in space: Spc L1 S (G.S12) TRSH	0.000	0.00	0.054	160.62	0.054	160.62	SOUTH
L8 South Slab (M.S21.S35) in space: Spc L8 S (M.S21) APT3	0.000	0.00	0.054	288.03	0.054	288.03	SOUTH
L8 South Wall (M.S21.E35) in space: Spc L8 S (M.S21) APT3	0.380	1383.12	0.054	2412.89	0.173	3796.02	SOUTH
L29 South Slab (G.E6.S21) in space: Spc L29 E (G.E6) STR	0.000	0.00	0.054	6.16	0.054	6.16	SOUTH
L29 South Wall (G.E6.E21) in space: Spc L29 E (G.E6) STR	0.380	29.60	0.054	91.47	0.134	121.07	SOUTH
L8 South Slab (M.S21.S36) in space: Spc L8 S (M.S21) APT3	0.000	0.00	0.054	9.65	0.054	9.65	SOUTH
(

5.56 SOUTH

4.02 SOUTH

7.84 SOUTH

4.15 SOUTH

251.12 SOUTH

141.79 SOUTH

7.71 SOUTH

in space: Spc L16 S (G.S12) APT1

in space: Spc L16 S (G.S12) APT1

in space: Spc L28 S (G.SW5) APT1

in space: Spc L28 S (G.SW5) APT1

L16 South Wall (G.S12.E25)

L28 South Slab (G.SW5.S8)

L28 South Wall (G.SW5.E8)

0.380

0.000

0.380

84.78

0.00

37.00

0.054

0.054

0.054

166.34

104.80

7.71

0.164

0.054

WEST

9.05 WEST

135.00 WEST

18.56 WEST

L27 West Slab (T.W36.S76)

L27 West Wall (T.W36.E76)

L15 West Slab (G.NE9.S28)

in space: Spc L27 W (T.W36) APT1

in space: Spc L27 W (T.W36) APT1

in space: Spc L15 N (G.NE9) AMN

0.000

0.380

0.000

0.00

55.42

0.00

0.054

0.054

0.054

9.05

79.58

18.56

0.054

0.188

0.054

0.188

18.56 WEST

277.00 WEST

18.56

163.29

WEST

in space: Spc L16 W (G.W6) APT1

in space: Spc L27 N (T.NNE39) APT1

in space: Spc L27 N (T.NNE39) APT1

L27 West Slab (T.NNE39.S94)

L27 West Wall (T.NNE39.E94)

0.000

0.380

0.00

113.71

0.054

in space: Spc L1 N (G.NW15) VEST

0.054

0.163

1.34

16.45

WEST

WEST

WEST

WEST

1.34 WEST

24.66 WEST

in space: Spc L6 W (G.W8) APT1

in space: Spc L28 S (G.SSE9) APT1

in space: Spc L28 S (G.SSE9) APT1

L28 West Slab (G.SSE9.S33)

L28 West Wall (G.SSE9.E33)

0.000

0.380

0.00

8.21

0.054

WEST

WEST

WEST

8.94 WEST

164.61 WEST

207.70 WEST

in space: Spc L29 E (G.ENE2) COR

in space: Spc L4 N (G.N11) OFF

in space: Spc L4 N (G.N11) OFF L17 West Slab (M.NW22.S43)

in space: Spc L17 N (M.NW22) APT1

L4 West Slab (G.N11.S27)

L4 West Wall (G.N11.E27)

0.000

0.380

0.000

0.00

54.80

0.00

0.054

0.054

0.054

8.94

109.80

207.70

0.054

0.163

WEATHER FILE- SEATTLE BOEING FI WA ----(CONTINUED)---L17 West Wall (M.NW22.E43) 0.380 1272.57 0.054 1681.73 0.194 2954.30 WEST in space: Spc L17 N (M.NW22) APT1 L5 West Slab (G.W10.S49) 0.000 0.00 0.054 26.20 0.054 26.20 WEST in space: Spc L5 W (G.W10) APT1 L5 West Wall (G.W10.E49) 0.380 160.51 0.054 243.40 0.184 403.90 WEST in space: Spc L5 W (G.W10) APT1 L8 West Slab (M.WSW20.S33) 0.000 0.00 0.054 150.35 0.054 150.35 WEST in space: Spc L8 W (M.WSW20) APT1 L8 West Wall (M.WSW20.E33) 0.380 921.18 0.054 1060.28 0.206 1981.45 WEST in space: Spc L8 W (M.WSW20) APT1 0.00 0.054 43.55 0.054 L17 West Slab (M.NE23.S46) 0.000 43.55 WEST in space: Spc L17 N (M.NE23) APT1 L17 West Wall (M.NE23.E46) 0.380 266.83 0.054 352.62 0.194 619.45 WEST in space: Spc L17 N (M.NE23) APT1 L6 West Slab (G.NW11.S28) 0.00 0.054 17.22 0.054 17.22 WEST 0.000 in space: Spc L6 N (G.NW11) APT1 L6 West Wall (G.NW11.E28) 105.50 0.054 121.43 0.206 226.93 WEST 0.380 in space: Spc L6 N (G.NW11) APT1 0.00 2.00 2.00 WEST L1 West Slab (G.S13.S29)\$X 0.000 0.054 0.054 in space: Spc L1 S (G.S13) ELEC 0.054 0.054 25.00 L1 West Wall (G.S13.E29)\$X 0.000 0.00 25.00 WEST in space: Spc L1 S (G.S13) ELEC L5 West Slab (G.S7.S24) 0.000 0.00 0.054 3.32 0.054 3.32 WEST in space: Spc L5 S (G.S7) APT3 L5 West Wall (G.S7.E24) 20.32 0.054 51.13 WEST 0.380 30.81 0.184 in space: Spc L5 S (G.S7) APT3 L5 West Slab (G.N11.S53) 0.000 0.00 0.054 1.68 0.054 1.68 WEST in space: Spc L5 N (G.N11) APT3 0.054 0 184 L5 West Wall (G.N11.E53) 0 380 10 26 15 56 25 83 WEST in space: Spc L5 N (G.N11) APT3 L29 West Slab (G.E6.S26) 0.000 0.00 0.054 3.35 0.054 3.35 WEST in space: Spc L29 E (G.E6) STR L29 West Wall (G.E6.E26) 0.380 20.53 0.054 45.27 0.156 65.80 WEST in space: Spc L29 E (G.E6) STR L2 West Slab (G.SSW7.S11)\$X 0.000 0.00 0.054 26.90 0.054 26.90 WEST in space: Spc L2 S (G.SSW7) PKG L2 West Wall (G.SSW7.E11)\$X 0.000 0.00 0.054 334.45 0.054 334.45 WEST in space: Spc L2 S (G.SSW7) PKG L4 West Slab (G.W8.S10) 0.000 0.00 0.054 26.20 0.054 26.20 WEST in space: Spc L4 W (G.W8) OFF L4 West Wall (G.W8.E10) 0.380 160.52 0.054 321.62 0.163 482.14 WEST in space: Spc L4 W (G.W8) OFF 0.00 0.054 25.06 0.054 25.06 WEST L15 West Slab (G.SW5.S10) 0.000 in space: Spc L15 S (G.SW5) APT1 L15 West Wall (G.SW5.E10) 0.380 153.53 0.054 270.21 0.172 423.74 WEST in space: Spc L15 S (G.SW5) APT1 L29 West Slab (G.NNW8.S32) 0.00 0.054 10.18 0.054 10.18 WEST 0.000 in space: Spc L29 N (G.NNW8) MECH L29 West Wall (G.NNW8.E32) 0.380 62.40 0.054 137.64 0.156 200.03 WEST in space: Spc L29 N (G.NNW8) MECH 0.00 7.71 7.71 WEST L15 West Slab (G.W6.S12) 0.000 0.054 0.054 in space: Spc L15 W (G.W6) APT1 L15 West Wall (G.W6.E12) 0.380 47.21 0.054 83.09 0.172 130.29 WEST in space: Spc L15 W (G.W6) APT1 185.59 0.054 185.59 WEST L17 West Slab (M.NNE24.S55) 0.000 0.00 0.054 in space: Spc L17 N (M.NNE24) APT1 L17 West Wall (M.NNE24.E55) 0.380 1137.10 0.054 1502.71 0.194 2639.81 WEST in space: Spc L17 N (M.NNE24) APT1

9.05

2.24

9.78 WEST

4.42 WEST

1.68 WEST

80.50 FLOOR

40.53 FLOOR

0.029

0.029

80.50

40.53

WEST

WEST

in space: Spc L15 N (G.NE8) AMN

in space: Spc L29 N (G.NNW8) MECH

in space: Spc L5 W (G.W10) APT1

L29 Flr (G.NNW8) 1

L5 Flr (G.W10) 1

0.000

0.000

0.00

0.00

0.029

REPORT- LV-D Details of Exterior Surfaces WEATHER FILE- SEATTLE BOEING FI WA ----(CONTINUED)---L2 Flr (G.E5) 1 0.000 0.00 0.029 206.31 0.029 206.31 FLOOR in space: Spc L2 E (G.E5) PKG L2 Flr (G.E5) 2 0.000 0.00 0.029 6.40 0.029 6.40 FLOOR in space: Spc L2 E (G.E5) PKG L16 Flr (G.ENE14) 1 0.000 0.00 0.029 111.00 0.029 111.00 FLOOR in space: Spc L16 E (G.ENE14) APT1 L1 Flr (G.NNW2) 1 0.000 0.00 0.029 49.92 0.029 49.92 FLOOR in space: Spc L1 N (G.NNW2) RTL L1 Flr (G.SW3) 1 0.000 0.00 0.029 55.12 0.029 55.12 FLOOR in space: Spc L1 S (G.SW3) PKG 0.029 499.21 0.029 499.21 FLOOR L6 Flr (G.W8) 1 0.000 0.00 in space: Spc L6 W (G.W8) APT1 L6 Flr (G.S6) 1 0.000 0.00 0.029 5.88 0.029 5.88 FLOOR in space: Spc L6 S (G.S6) APT3 L28 Flr (G.N10) 1 0.029 49.50 0.029 49.50 FLOOR 0.000 0.00 in space: Spc L28 N (G.N10) APT1 L1 Flr (G.NW1) 1 0.00 0.029 23.46 0.029 23.46 FLOOR 0.000 in space: Spc L1 N (G.NW1) STR L29 Flr (G.N9) 1 0.000 0.00 0.029 32.24 0.029 32.24 FLOOR in space: Spc L29 N (G.N9) RST 0.029 L16 Flr (G.S12) 1 0.000 0.00 0.029 79.05 79.05 FLOOR in space: Spc L16 S (G.S12) APT1 L5 Flr (G.ENE9) 1 0.000 0.00 0.029 155.78 0.029 155.78 FLOOR in space: Spc L5 E (G.ENE9) APT1 L2 Flr (G.NNW8) 1 0.000 0.00 0.029 137.00 0.029 137.00 FLOOR in space: Spc L2 N (G.NNW8) PKG L2 Flr (G.NNW8) 2 0.000 0.00 0.029 14.82 0.029 14.82 FLOOR in space: Spc L2 N (G.NNW8) PKG 0 029 L1 Flr (G.ENE18) 1 0 000 0 00 0 029 128 50 128 50 FLOOR in space: Spc L1 E (G.ENE18) RTL L16 Flr (G.SE13) 1 0.000 0.00 0.029 253.95 0.029 253.95 FLOOR in space: Spc L16 S (G.SE13) APT1 L6 Flr (G.WSW5) 1 0.000 0.00 0.029 377.96 0.029 377.96 FLOOR in space: Spc L6 W (G.WSW5) APT1 L2 Flr (G.SSW7) 1 0.000 0.00 0.029 170.60 0.029 170.60 FLOOR in space: Spc L2 S (G.SSW7) PKG P1 Roof (B.NNE12) 1 \$X 0.000 0.00 0.026 382.77 0.026 382.77 ROOF in space: Spc P1 N (B.NNE12) PKG L5 Roof (G.N11) 1 0.000 0.00 0.026 405.50 0.026 405.50 ROOF in space: Spc L5 N (G.N11) APT3 L5 Roof (G.N11) 2 0.000 0.00 0.026 247.23 0.026 247.23 ROOF in space: Spc L5 N (G.N11) APT3 0.026 168.77 ROOF L29 Roof (G.ENE2) 1 0.000 0.00 168.77 0.026 in space: Spc L29 E (G.ENE2) COR L29 Roof (G.ENE2) 2 0.000 0.00 0.026 163.20 0.026 163.20 ROOF in space: Spc L29 E (G.ENE2) COR P1 Roof (B.SE13) 1 \$X 0.00 0.026 77.56 0.026 77.56 ROOF 0.000 in space: Spc P1 S (B.SE13) PKG P1 Roof (B.SE13) 2 \$X 0.000 0.00 0.026 18.60 0.026 18.60 ROOF in space: Spc P1 S (B.SE13) PKG L5 Roof (G.C13) 1 0.000 0.00 0.026 60.06 0.026 60.06 ROOF in space: Spc L5 C (G.C13) COR L14 Roof (T.N34) 1 0.000 0.00 0.026 23.00 0.026 23.00 ROOF in space: Spc L14 N (T.N34) ELEC L3 Roof (G.NW8) 1 \$X 0.000 0.00 0.026 40.53 0.026 40.53 ROOF in space: Spc L3 N (G.NW8) PKG L3 Roof (G.NW8) 2 \$X 0.000 0.00 0.026 157.70 0.026 157.70 ROOF in space: Spc L3 N (G.NW8) PKG

WEATHER FILE- SEATTLE BOEING FI WA

REPORT- LV-D Details of Exterior Surface						FILE- SEATTLE BOE	
L27 Roof (T.S42) 1	0.000	0.00	0.026	26.35	0.026	26.35	ROOF
in space: Spc L27 S (T.S42) APT1 P1 Roof (B.SW1) 1 \$X	0.000	0.00	0.026	14.28	0.026	14.28	POOF
in space: Spc P1 S (B.SW1) ELEC	0.000	0.00	0.020	14.20	0.020	14.20	ROOF
L6 Roof (G.NE10) 1	0.000	0.00	0.026	54.00	0.026	54.00	ROOF
in space: Spc L6 N (G.NE10) APT1							
L4 Roof (G.W8) 1	0.000	0.00	0.026	340.27	0.026	340.27	ROOF
in space: Spc L4 W (G.W8) OFF							
P1 Roof (B.WNW3) 1 \$X	0.000	0.00	0.026	22.38	0.026	22.38	ROOF
in space: Spc P1 W (B.WNW3) STR							
L27 Roof (T.SE43) 1	0.000	0.00	0.026	195.05	0.026	195.05	ROOF
in space: Spc L27 S (T.SE43) APT1	0.000	0.00	0.006	1025 25	0.006	1025 25	DOOF
L29 Roof (G.SW5) 1 in space: Spc L29 S (G.SW5) AMN	0.000	0.00	0.026	1035.25	0.026	1035.25	ROOF
L28 Roof (G.NE6) 1	0.000	0.00	0.026	800.98	0.026	800.98	ROOF
in space: Spc L28 N (G.NE6) APT1	0.000	0.00	0.020	000.30	0.020	000.50	11001
L28 Roof (G.C7) 1	0.000	0.00	0.026	19.20	0.026	19.20	ROOF
in space: Spc L28 C (G.C7) COR							
L28 Roof (G.C7) 2	0.000	0.00	0.026	55.58	0.026	55.58	ROOF
in space: Spc L28 C (G.C7) COR							
L28 Roof (G.C8) 1	0.000	0.00	0.026	23.37	0.026	23.37	ROOF
in space: Spc L28 C (G.C8) STR							
L5 Roof (G.ESE8) 1	0.000	0.00	0.026	1477.52	0.026	1477.52	ROOF
in space: Spc L5 E (G.ESE8) APT1	0.000	0.00	0.026	434.12	0.026	434.12	DOOE
L4 Roof (G.C6) 1 in space: Spc L4 C (G.C6) RR	0.000	0.00	0.026	434.12	0.026	434.12	ROOF
L4 Roof (G.S9) 1	0.000	0.00	0.026	34.65	0.026	34.65	ROOF
in space: Spc L4 S (G.S9) OFF	0.000	0.00	0.020	31.03	0.020	31.03	11001
L4 Roof (G.S9) 2	0.000	0.00	0.026	41.08	0.026	41.08	ROOF
in space: Spc L4 S (G.S9) OFF							
L4 Roof (G.S9) 3	0.000	0.00	0.026	47.52	0.026	47.52	ROOF
in space: Spc L4 S (G.S9) OFF							
L4 Roof (G.S9) 4	0.000	0.00	0.026	47.52	0.026	47.52	ROOF
in space: Spc L4 S (G.S9) OFF	0.000	0.00	0.026	25.50	0.026	25 50	DOOE
L27 Roof (T.ENE44) 1 in space: Spc L27 E (T.ENE44) APT1	0.000	0.00	0.026	25.50	0.026	25.50	ROOF
L14 Roof (T.S36) 1	0.000	0.00	0.026	421.00	0.026	421.00	ROOF
in space: Spc L14 S (T.S36) APT3	0.000	0.00	0.020	121.00	0.020	121.00	11001
L29 Roof (G.E6) 1	0.000	0.00	0.026	206.44	0.026	206.44	ROOF
in space: Spc L29 E (G.E6) STR							
L5 Roof (G.ENE9) 1	0.000	0.00	0.026	1445.81	0.026	1445.81	ROOF
in space: Spc L5 E (G.ENE9) APT1							
L14 Roof (T.NE42) 1	0.000	0.00	0.026	834.25	0.026	834.25	ROOF
in space: Spc L14 N (T.NE42) APT1							
L28 Roof (G.SSE9) 1	0.000	0.00	0.026	1599.58	0.026	1599.58	ROOF
in space: Spc L28 S (G.SSE9) APT1 L15 Roof (G.NE8) 1	0.000	0.00	0.026	36.00	0.026	36.00	POOF
in space: Spc L15 N (G.NE8) AMN	0.000	0.00	0.020	30.00	0.020	30.00	ROOF
L27 Roof (T.NW37) 1	0.000	0.00	0.026	183.20	0.026	183.20	ROOF
in space: Spc L27 N (T.NW37) APT1			-				
P1 Roof (B.N4) 1 \$X	0.000	0.00	0.026	12.80	0.026	12.80	ROOF
in space: Spc P1 N (B.N4) MECH							
P1 Roof (B.S6) 1 \$X	0.000	0.00	0.026	162.04	0.026	162.04	ROOF
in space: Spc P1 S (B.S6) ELEC							
P1 Roof (B.SE7) 1 \$X	0.000	0.00	0.026	13.60	0.026	13.60	ROOF
in space: Spc P1 S (B.SE7) MECH	0.000	0.00	0.026	22.60	0.000	22.52	DOOE
P1 Roof (B.WSW11) 1 \$X in space: Spc P1 W (B.WSW11) PKG	0.000	0.00	0.026	23.60	0.026	23.60	KUUF
in space. Spc ri w (b.wswii) PAG							

WEATHER FILE- SEATTLE BOEING FI WA ----(CONTINUED)--L29 Roof (G.NNW8) 1 0.000 0.00 0.026 494.00 0.026 494.00 ROOF in space: Spc L29 N (G.NNW8) MECH P1 Roof (B.WSW11) 2 \$X 0.000 0.00 0.026 11.80 0.026 11.80 ROOF in space: Spc P1 W (B.WSW11) PKG L14 Roof (T.ESE37) 1 0.000 0.00 0.026 1198.91 0.026 1198.91 ROOF in space: Spc L14 E (T.ESE37) APT1 0.000 0.00 0.026 467.83 0.026 467.83 ROOF L14 Roof (T.ESE43) 1 in space: Spc L14 E (T.ESE43) APT1 P1 Roof (B.WSW11) 3 \$X 0.000 0.00 0.026 5.72 0.026 5.72 ROOF in space: Spc P1 W (B.WSW11) PKG 0.026 13.00 0.026 L27 Roof (T.NE38) 1 0.000 0.00 13.00 ROOF in space: Spc L27 N (T.NE38) APT1 L28 Roof (G.N10) 1 0.000 0.00 0.026 1354.86 0.026 1354.86 ROOF in space: Spc L28 N (G.N10) APT1 L3 Roof (G.E5) 1 \$X 31.99 0.000 0.00 0.026 0.026 31.99 ROOF in space: Spc L3 E (G.E5) PKG L4 Roof (G.N11) 1 0.00 0.026 28.88 0.026 28.88 ROOF 0.000 in space: Spc L4 N (G.N11) OFF L15 Roof (G.NE9) 1 0.000 0.00 0.026 62.00 0.026 62.00 ROOF in space: Spc L15 N (G.NE9) AMN 818.09 0.026 L5 Roof (G.W6) 1 0.000 0.00 0.026 818.09 ROOF in space: Spc L5 W (G.W6) APT1 L28 Roof (G.SW5) 1 0.000 0.00 0.026 285.00 0.026 285.00 ROOF in space: Spc L28 S (G.SW5) APT1 L29 Roof (G.N9) 1 0.000 0.00 0.026 674.10 0.026 674.10 ROOF in space: Spc L29 N (G.N9) RST L28 Roof (G.SW5) 2 0.000 0.00 0.026 446.79 0.026 446.79 ROOF in space: Spc L28 S (G.SW5) APT1 0.026 12 75 ROOF L4 Roof (G.N11) 2 0 000 0 00 0.026 12 75 in space: Spc L4 N (G.N11) OFF L5 Roof (G.S7) 1 0.000 0.00 0.026 1207.45 0.026 1207.45 ROOF in space: Spc L5 S (G.S7) APT3 L4 Roof (G.N11) 3 0.000 0.00 0.026 30.25 0.026 30.25 ROOF in space: Spc L4 N (G.N11) OFF L4 Roof (G.C12) 1 0.000 0.00 0.026 456.26 0.026 456.26 ROOF in space: Spc L4 C (G.C12) OFF L4 Roof (G.C13) 1 0.000 0.00 0.026 183.36 0.026 183.36 ROOF in space: Spc L4 C (G.C13) OFF L3 Roof (G.E5) 2 \$X 0.000 0.00 0.026 155.77 0.026 155.77 ROOF in space: Spc L3 E (G.E5) PKG L5 Roof (G.W10) 1 0.000 0.00 0.026 769.62 0.026 769.62 ROOF in space: Spc L5 W (G.W10) APT1 997.92 997.92 ROOF L30 Roof (G.1) 1 0.000 0.00 0.026 0.026 in space: L30 Spc (G.1) MECH P1 South Wall (B.SW1.U1) \$X 0.000 0.00 0.070 196.35 0.070 196.35 UNDERGRND in space: Spc P1 S (B.SW1) ELEC P1 West Wall (B.SW1.U2) \$X 0.00 0.070 192.50 0.070 192.50 UNDERGRND 0.000 in space: Spc P1 S (B.SW1) ELEC P1 West Wall (B.W2.U3) \$X 0.000 0.00 0.070 413.05 0.070 413.05 UNDERGRND in space: Spc P1 W (B.W2) MECH P1 West Wall (B.WNW3.U4) 0.00 211.20 211.20 UNDERGRND 0.000 0.070 0.070 in space: Spc P1 W (B.WNW3) STR P1 North Wall (B.WNW3.U5) 0.000 0.00 0.070 103.95 0.070 103.95 UNDERGRND in space: Spc P1 W (B.WNW3) STR 176.00 UNDERGRND P1 North Wall (B.N4.U6) 0.000 0.00 0.070 176.00 0.070 in space: Spc P1 N (B.N4) MECH 0.000 0.00 0.070 508.75 0.070 508.75 UNDERGRND P1 South Wall (B.S6.U7) \$X in space: Spc P1 S (B.S6) ELEC 165.55 UNDERGRND P1 East Wall (B.SE7.U8) 0.000 0.00 0.070 165.55 0.070 in space: Spc P1 S (B.SE7) MECH

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

SURFACE	W I N D O W U-VALUE (BTU/HR-SQFT-F)	S AREA (SQFT)	W A L L U-VALUE (BTU/HR-SQFT-F)	AREA	-W A L L + W I N U-VALUE (BTU/HR-SQFT-F)	D O W S- AREA (SQFT)	AZIMUTH
P1 South Wall (B.SE7.U9)	0.000	0.00	0.070	187.00	0.070	187.00	UNDERGRND
in space: Spc P1 S (B.SE7) MECH P1 South Wall (B.WSW11.U10) \$X	0.000	0.00	0.070	324.50	0.070	324.50	UNDERGRND
in space: Spc P1 W (B.WSW11) PKG P1 North Wall (B.WSW11.U11) \$X	0.000	0.00	0.070	162.25	0.070	162.25	UNDERGRND
in space: Spc P1 W (B.WSW11) PKG P1 North Wall (B.WSW11.U12) \$X	0.000	0.00	0.070	78.65	0.070	78.65	UNDERGRND
in space: Spc P1 W (B.WSW11) PKG P1 West Wall (B.WSW11.U13) \$X	0.000	0.00	0.070	354.75	0.070	354.75	UNDERGRND
in space: Spc P1 W (B.WSW11) PKG P1 North Wall (B.NNE12.U14) \$X in space: Spc P1 N (B.NNE12) PKG	0.000	0.00	0.070	1391.50	0.070	1391.50	UNDERGRND
P1 East Wall (B.NNE12.U15) \$X	0.000	0.00	0.070	416.35	0.070	416.35	UNDERGRND
in space: Spc P1 N (B.NNE12) PKG P1 South Wall (B.SE13.U16) \$X	0.000	0.00	0.070	440.00	0.070	440.00	UNDERGRND
<pre>in space: Spc P1 S (B.SE13) PKG P1 South Wall (B.SE13.U17) \$X in space: Spc P1 S (B.SE13) PKG</pre>	0.000	0.00	0.070	255.75	0.070	255.75	UNDERGRND
P1 East Wall (B.SE13.U18) \$X	0.000	0.00	0.070	589.60	0.070	589.60	UNDERGRND
in space: Spc P1 S (B.SE13) PKG P3 South Wall (BB.SW1.U1) \$X	0.000	0.00	0.070	160.65	0.070	160.65	UNDERGRND
in space: Spc P3 S (BB.SW1) MECH P3 West Wall (BB.SW1.U2) \$X	0.000	0.00	0.070	157.50	0.070	157.50	UNDERGRND
in space: Spc P3 S (BB.SW1) MECH P3 West Wall (BB.WNW2.U3) \$X	0.000	0.00	0.070	172.80	0.070	172.80	UNDERGRND
in space: Spc P3 W (BB.WNW2) STR P3 North Wall (BB.WNW2.U4) \$X	0.000	0.00	0.070	85.05	0.070	85.05	UNDERGRND
in space: Spc P3 W (BB.WNW2) STR P3 Flr (BB.C3.I5)	0.000	0.00	0.029	136.28	0.029	136.28	UNDERGRND
in space: Spc P3 C (BB.C3) STR P3 South Wall (BB.W7.U5) \$X	0.000	0.00	0.070	265.50	0.070	265.50	UNDERGRND
in space: Spc P3 W (BB.W7) PKG P3 North Wall (BB.W7.U6) \$X	0.000	0.00	0.070	341.10	0.070	341.10	UNDERGRND
in space: Spc P3 W (BB.W7) PKG P3 West Wall (BB.W7.U7) \$X	0.000	0.00	0.070	628.20	0.070	628.20	UNDERGRND
in space: Spc P3 W (BB.W7) PKG P3 Flr (BB.NNE8.I27)	0.000	0.00	0.029	4995.33	0.029	4995.33	UNDERGRND
in space: Spc P3 N (BB.NNE8) PKG P3 North Wall (BB.NNE8.U8) \$X	0.000	0.00	0.070	1138.50	0.070	1138.50	UNDERGRND
in space: Spc P3 N (BB.NNE8) PKG P3 East Wall (BB.NNE8.U9) \$X	0.000	0.00	0.070	340.65	0.070	340.65	UNDERGRND
in space: Spc P3 N (BB.NNE8) PKG P3 Flr (BB.SSE9.I34)	0.000	0.00	0.029	7345.59	0.029	7345.59	UNDERGRND
in space: Spc P3 S (BB.SSE9) PKG P3 East Wall (BB.SSE9.U10) \$X	0.000	0.00	0.070	617.85	0.070	617.85	UNDERGRND
in space: Spc P3 S (BB.SSE9) PKG P3 South Wall (BB.SSE9.U11) \$X	0.000	0.00	0.070	1138.50	0.070	1138.50	UNDERGRND
in space: Spc P3 S (BB.SSE9) PKG P2 South Wall (UB.SW10.U12) \$X	0.000	0.00	0.070	160.65	0.070	160.65	UNDERGRND
in space: Spc P2 S (UB.SW10) MEC P2 West Wall (UB.SW10.U13) \$X	0.000	0.00	0.070	157.50	0.070	157.50	UNDERGRND
in space: Spc P2 S (UB.SW10) MEC P2 West Wall (UB.WNW11.U14) in space: Spc P2 W (UB.WNW11) ST	0.000	0.00	0.070	172.80	0.070	172.80	UNDERGRND
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in space: Spc P4 N (B.N6) PKG

WEATHER FILE- SEATTLE BOEING FI WA

---WINDOWS---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 North Wall (UB.WNW11.U15) 0.000 0.00 0.070 85.05 0.070 85.05 UNDERGRND in space: Spc P2 W (UB.WNW11) STR P2 South Wall (UB.W16.U16) \$X 0.00 0.070 265.50 UNDERGRND 0.000 265.50 0.070 in space: Spc P2 W (UB.W16) PKG P2 North Wall (UB.W16.U17) \$X 0.070 341.10 0.070 341.10 UNDERGRND 0.000 0.00 in space: Spc P2 W (UB.W16) PKG P2 West Wall (UB.W16.U18) \$X 0.000 0.00 0.070 628.20 0.070 628.20 UNDERGRND in space: Spc P2 W (UB.W16) PKG P2 North Wall (UB.NNE17.U19) \$X 0.000 0.00 0.070 1138.50 0.070 1138.50 UNDERGRND in space: Spc P2 N (UB.NNE17) PKG 340.65 UNDERGRND P2 East Wall (UB.NNE17.U20) \$X 0.000 0.00 0.070 340.65 0.070 in space: Spc P2 N (UB.NNE17) PKG P2 East Wall (UB.SSE18.U21) \$X 0.000 0.00 0.070 617.85 0.070 617.85 UNDERGRND in space: Spc P2 S (UB.SSE18) PKG P2 South Wall (UB.SSE18.U22) \$X 1138.50 UNDERGRND 0.000 0.00 0.070 1138.50 0.070 in space: Spc P2 S (UB.SSE18) PKG P4 Flr (B.SW1.T1) \$X 312.37 UNDERGRND 0.000 0.00 0.029 312.37 0.029 in space: Spc P4 S (B.SW1) MECH 0.070 0.070 160.65 UNDERGRND P4 South Wall (B.SW1.U1) \$X 0.000 0.00 160.65 in space: Spc P4 S (B.SW1) MECH 157.50 UNDERGRND 157.50 P4 West Wall (B.SW1.U2) \$X 0.000 0.00 0.070 0.070 in space: Spc P4 S (B.SW1) MECH P4 Flr (B.WNW2.I2) 0.000 0.00 0.029 152.62 0.029 152.62 UNDERGRND in space: Spc P4 W (B.WNW2) STR P4 West Wall (B.WNW2.U3) 0.000 0.00 0.070 145.35 0.070 145.35 UNDERGRND in space: Spc P4 W (B.WNW2) STR P4 North Wall (B.WNW2.U4) 0.000 0.00 0.070 85.05 0.070 85.05 UNDERGRND in space: Spc P4 W (B.WNW2) STR P4 North Wall (B.NE3.U5) 0.000 0.00 0.070 122.85 0.070 122.85 UNDERGRND in space: Spc P4 N (B.NE3) STO P4 Flr (B.NE3.I3) 0.000 0.00 0.029 362.09 0.029 362.09 UNDERGRND in space: Spc P4 N (B.NE3) STO P4 East Wall (B.C4.U7) 0.000 0.00 0.070 69.30 0.070 69.30 UNDERGRND in space: Spc P4 C (B.C4) COR P4 Flr (B.C4.I5) 0.000 0.00 0.029 266.80 0.029 266.80 UNDERGRND in space: Spc P4 C (B.C4) COR 0.00 0.029 367.29 0.029 367.29 UNDERGRND P4 Flr (B.SSE5.I7) 0.000 in space: Spc P4 S (B.SSE5) ELV P4 East Wall (B.N6.U11) \$X 0.000 0.00 0.070 324.45 0.070 324.45 UNDERGRND in space: Spc P4 N (B.N6) PKG P4 Flr (B.N6.18) \$X 0.000 0.00 0.029 5334.83 0.029 5334.83 UNDERGRND in space: Spc P4 N (B.N6) PKG P4 North Wall (B.N6.U12) \$X 0.070 530.10 0.070 530.10 UNDERGRND 0.000 0.00 in space: Spc P4 N (B.N6) PKG 655.65 0.070 655.65 UNDERGRND P4 West Wall (B.N6.U13) \$X 0.000 0.00 0.070 in space: Spc P4 N (B.N6) PKG P4 South Wall (B.N6.U14) \$X 0.000 0.00 0.070 265.50 0.070 265.50 UNDERGRND

Surfaces WEATHER FILE- SEATTLE BOEING FI WA

	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	0.381	0.054	0.142	11291.57	30633.80	41925.37
EAST	0.380	0.054	0.183	15434.35	23641.37	39075.72
SOUTH-EAST	0.380	0.054	0.135	15.61	47.45	63.06
SOUTH	0.380	0.054	0.141	11112.13	30518.34	41630.48
WEST	0.380	0.054	0.168	13664.99	25384.42	39049.40
FLOOR	0.000	0.029	0.029	0.00	2509.24	2509.24
ROOF	0.000	0.026	0.026	0.00	21084.25	21084.25
ALL WALLS	0.380	0.054	0.158	51518.66	110225.48	161744.16
WALLS+ROOFS	0.380	0.049	0.143	51518.66	131309.73	182828.39
UNDERGRND	0.000	0.049	0.049	0.00	38049.90	38049.90
BUILDING	0.380	0.049	0.125	51518.66	171868.92	223387.53