

## REPORT- LV-H Details of Windows

WEATHER FILE- SEATTLE BOEING FI WA

NUMBER OF WINDOWS 389

(Note: u-values include outside air film)

WINDOW NAME	MULTIPLIER	GLASS			LOCATION OF ORIGIN IN SURFACE COORDINATES		FRAME		CURB	
		AREA (SQFT )	HEIGHT (FT)	WIDTH (FT)	X (FT)	Y (FT)	AREA (SQFT )	U-VALUE (BTU/HR-SQFT-F)		
L1 North Win (G.NW1.E2.W1)	1.0	39.37	7.87	5.00	0.00	1.50	0.00	0.00	0.384	0.000
L1 West Win (G.NW1.E3.W1)	1.0	20.47	7.87	2.60	0.00	1.50	0.00	0.00	0.384	0.000
L1 North Win (G.NW1.E4.W1)	1.0	44.88	7.87	5.70	0.00	1.50	0.00	0.00	0.384	0.000
L1 East Win (G.NW1.E5.W1)	1.0	20.47	7.87	2.60	0.00	1.50	0.00	0.00	0.384	0.000
L1 North Win (G.NW1.E6.W1)	1.0	31.49	7.87	4.00	0.00	1.50	0.00	0.00	0.384	0.000
L1 East Win (G.NNW2.E8.W1)	1.0	105.10	7.87	13.35	0.00	1.50	0.00	0.00	0.384	0.000
L1 North Win (G.NNW2.E9.W1)	1.0	466.87	7.87	59.30	0.00	1.50	0.00	0.00	0.384	0.000
L1 North Win (G.N14.E34.W1)	1.0	186.98	7.87	23.75	0.00	1.50	0.00	0.00	0.384	0.000
L1 North Win (G.N14.E35.W1)	1.0	81.49	7.87	10.35	0.00	1.50	0.00	0.00	0.384	0.000
L1 North Win (G.NW15.E37.W1)	1.0	95.26	7.87	12.10	0.00	1.50	0.00	0.00	0.384	0.000
L1 West Win (G.NW15.E38.W1)	1.0	73.61	7.87	9.35	0.00	1.50	0.00	0.00	0.384	0.000
L1 South Win (G.ENE18.E43.W1)	1.0	33.07	7.87	4.20	0.00	1.50	0.00	0.00	0.384	0.000
L1 South Win (G.ENE18.E44.W1)	1.0	245.24	7.87	31.15	0.00	1.50	0.00	0.00	0.384	0.000
L1 East Win (G.ENE18.E45.W1)	1.0	825.88	7.87	104.90	0.00	1.50	0.00	0.00	0.384	0.000
L1 North Win (G.ENE18.E46.W1)	1.0	441.68	7.87	56.10	0.00	1.50	0.00	0.00	0.384	0.000
L1 West Win (G.ENE18.E47.W1)	1.0	31.49	7.87	4.00	0.00	1.50	0.00	0.00	0.384	0.000
L1 South Win (G.S19.E50.W1)	1.0	81.88	7.87	10.40	0.00	1.50	0.00	0.00	0.384	0.000
L2 North Win (G.NE9.E20.W1)	1.0	54.88	3.68	14.90	0.00	1.50	0.00	0.00	0.384	0.000
L2 East Win (G.NE9.E21.W1)	1.0	62.84	5.35	11.75	0.00	1.50	0.00	0.00	0.384	0.000
L2 East Win (G.SE10.E23.W1)	1.0	73.80	5.35	13.80	0.00	1.50	0.00	0.00	0.384	0.000
L2 South Win (G.SE10.E24.W1)	1.0	65.73	3.89	16.90	0.00	1.50	0.00	0.00	0.384	0.000
L4 East Win (G.W8.E8.W1)	1.0	18.70	5.35	3.50	0.00	1.50	0.00	0.00	0.384	0.000
L4 North Win (G.W8.E9.W1)	1.0	13.47	3.68	3.66	0.00	1.50	0.00	0.00	0.384	0.000
L4 West Win (G.W8.E10.W1)	1.0	194.05	4.96	39.10	0.00	1.50	0.00	0.00	0.384	0.000
L4 South Win (G.W8.E11.W1)	1.0	18.87	3.89	4.85	0.00	1.50	0.00	0.00	0.384	0.000
L4 West Win (G.W8.E12.W1)	1.0	164.79	4.96	33.21	0.00	1.50	0.00	0.00	0.384	0.000
L4 North Win (G.W8.E13.W1)	1.0	17.14	3.68	4.65	0.00	1.50	0.00	0.00	0.384	0.000
L4 West Win (G.W8.E14.W1)	1.0	161.77	4.96	32.60	0.00	1.50	0.00	0.00	0.384	0.000
L4 South Win (G.S9.E16.W1)	1.0	695.81	3.89	178.90	0.00	1.50	0.00	0.00	0.384	0.000
L4 East Win (G.E10.E18.W1)	1.0	149.21	5.35	27.90	0.00	1.50	0.00	0.00	0.384	0.000
L4 North Win (G.E10.E19.W1)	1.0	14.55	3.68	3.95	0.00	1.50	0.00	0.00	0.384	0.000
L4 East Win (G.E10.E20.W1)	1.0	43.32	5.35	8.10	0.00	1.50	0.00	0.00	0.384	0.000
L4 South Win (G.E10.E21.W1)	1.0	15.36	3.89	3.95	0.00	1.50	0.00	0.00	0.384	0.000
L4 East Win (G.E10.E22.W1)	1.0	285.58	5.35	53.40	0.00	1.50	0.00	0.00	0.384	0.000
L4 North Win (G.E10.E23.W1)	1.0	37.02	3.68	10.05	0.00	1.50	0.00	0.00	0.384	0.000
L4 East Win (G.N11.E25.W1)	1.0	82.89	5.35	15.50	0.00	1.50	0.00	0.00	0.384	0.000
L4 North Win (G.N11.E26.W1)	1.0	311.25	3.68	84.50	0.00	1.50	0.00	0.00	0.384	0.000
L4 West Win (G.N11.E27.W1)	1.0	66.25	4.96	13.35	0.00	1.50	0.00	0.00	0.384	0.000
L4 North Win (G.N11.E28.W1)	1.0	38.12	3.68	10.35	0.00	1.50	0.00	0.00	0.384	0.000
L4 East Win (G.N11.E29.W1)	1.0	71.40	5.35	13.35	0.00	1.50	0.00	0.00	0.384	0.000
L4 North Win (G.N11.E30.W1)	1.0	214.56	3.68	58.25	0.00	1.50	0.00	0.00	0.384	0.000
L4 West Win (G.N11.E31.W1)	1.0	16.62	4.96	3.35	0.00	1.50	0.00	0.00	0.384	0.000
L4 North Win (G.N11.E32.W1)	1.0	44.57	3.68	12.10	0.00	1.50	0.00	0.00	0.384	0.000
L5 South Win (G.W6.E6.W1)	1.0	96.07	3.89	24.70	0.00	1.50	0.00	0.00	0.384	0.000
L5 East Win (G.W6.E7.W1)	1.0	26.47	5.35	4.95	0.00	1.50	0.00	0.00	0.384	0.000
L5 South Win (G.W6.E8.W1)	1.0	27.23	3.89	7.00	0.00	1.50	0.00	0.00	0.384	0.000
L5 West Win (G.W6.E9.W1)	1.0	24.56	4.96	4.95	0.00	1.50	0.00	0.00	0.384	0.000
L5 South Win (G.W6.E10.W1)	1.0	51.15	3.89	13.15	0.00	1.50	0.00	0.00	0.384	0.000
L5 North Win (G.W6.E11.W1)	1.0	59.30	3.68	16.10	0.00	1.50	0.00	0.00	0.384	0.000

## REPORT- LV-H Details of Windows

WEATHER FILE- SEATTLE BOEING FI WA

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

(Note: u-values include outside air film)

WINDOW NAME	MULTIPLIER	GLASS			LOCATION OF ORIGIN IN SURFACE COORDINATES		FRAME AREA (SQFT )	CURB U-VALUE (BTU/HR-SQFT-F)	FRAME AREA (SQFT )	CURB U-VALUE (BTU/HR-SQFT-F)
		GLASS AREA (SQFT )	GLASS HEIGHT (FT)	GLASS WIDTH (FT)	X (FT)	Y (FT)				
L5 West Win (G.W6.E12.W1)	1.0	14.14	4.96	2.85	0.00	1.50	0.00	0.00	0.384	0.000
L5 North Win (G.W6.E13.W1)	1.0	20.63	3.68	5.60	0.00	1.50	0.00	0.00	0.384	0.000
L5 East Win (G.W6.E14.W1)	1.0	15.24	5.35	2.85	0.00	1.50	0.00	0.00	0.384	0.000
L5 North Win (G.W6.E15.W1)	1.0	85.27	3.68	23.15	0.00	1.50	0.00	0.00	0.384	0.000
L5 West Win (G.W6.E16.W1)	1.0	161.78	4.96	32.60	0.00	1.50	0.00	0.00	0.384	0.000
L5 East Win (G.S7.E18.W1)	1.0	26.47	5.35	4.95	0.00	1.50	0.00	0.00	0.384	0.000
L5 South Win (G.S7.E19.W1)	1.0	32.28	3.89	8.30	0.00	1.50	0.00	0.00	0.384	0.000
L5 West Win (G.S7.E20.W1)	1.0	24.56	4.96	4.95	0.00	1.50	0.00	0.00	0.384	0.000
L5 South Win (G.S7.E21.W1)	1.0	97.43	3.89	25.05	0.00	1.50	0.00	0.00	0.384	0.000
L5 East Win (G.S7.E22.W1)	1.0	26.47	5.35	4.95	0.00	1.50	0.00	0.00	0.384	0.000
L5 South Win (G.S7.E23.W1)	1.0	37.34	3.89	9.60	0.00	1.50	0.00	0.00	0.384	0.000
L5 West Win (G.S7.E24.W1)	1.0	24.56	4.96	4.95	0.00	1.50	0.00	0.00	0.384	0.000
L5 South Win (G.S7.E25.W1)	1.0	111.63	3.89	28.70	0.00	1.50	0.00	0.00	0.384	0.000
L5 East Win (G.S7.E26.W1)	1.0	26.47	5.35	4.95	0.00	1.50	0.00	0.00	0.384	0.000
L5 South Win (G.S7.E27.W1)	1.0	37.34	3.89	9.60	0.00	1.50	0.00	0.00	0.384	0.000
L5 West Win (G.S7.E28.W1)	1.0	24.56	4.96	4.95	0.00	1.50	0.00	0.00	0.384	0.000
L5 South Win (G.S7.E29.W1)	1.0	47.84	3.89	12.30	0.00	1.50	0.00	0.00	0.384	0.000
L5 North Win (G.S7.E30.W1)	1.0	5.89	3.68	1.60	0.00	1.50	0.00	0.00	0.384	0.000
L5 South Win (G.S7.E31.W1)	1.0	56.59	3.89	14.55	0.00	1.50	0.00	0.00	0.384	0.000
L5 South Win (G.ESE8.E33.W1)	1.0	100.93	3.89	25.95	0.00	1.50	0.00	0.00	0.384	0.000
L5 East Win (G.ESE8.E34.W1)	1.0	149.21	5.35	27.90	0.00	1.50	0.00	0.00	0.384	0.000
L5 North Win (G.ESE8.E35.W1)	1.0	14.55	3.68	3.95	0.00	1.50	0.00	0.00	0.384	0.000
L5 East Win (G.ESE8.E36.W1)	1.0	43.32	5.35	8.10	0.00	1.50	0.00	0.00	0.384	0.000
L5 South Win (G.ESE8.E37.W1)	1.0	15.36	3.89	3.95	0.00	1.50	0.00	0.00	0.384	0.000
L5 East Win (G.ESE8.E38.W1)	1.0	99.74	5.35	18.65	0.00	1.50	0.00	0.00	0.384	0.000
L5 North Win (G.ENE9.E40.W1)	1.0	95.95	3.68	26.05	0.00	1.50	0.00	0.00	0.384	0.000
L5 East Win (G.ENE9.E41.W1)	1.0	268.74	5.35	50.25	0.00	1.50	0.00	0.00	0.384	0.000
L5 South Win (G.W10.E43.W1)	1.0	118.24	3.89	30.40	0.00	1.50	0.00	0.00	0.384	0.000
L5 East Win (G.W10.E44.W1)	1.0	13.64	5.35	2.55	0.00	1.50	0.00	0.00	0.384	0.000
L5 South Win (G.W10.E45.W1)	1.0	20.81	3.89	5.35	0.00	1.50	0.00	0.00	0.384	0.000
L5 North Win (G.W10.E46.W1)	1.0	44.57	3.68	12.10	0.00	1.50	0.00	0.00	0.384	0.000
L5 East Win (G.W10.E47.W1)	1.0	13.37	5.35	2.50	0.00	1.50	0.00	0.00	0.384	0.000
L5 North Win (G.W10.E48.W1)	1.0	87.11	3.68	23.65	0.00	1.50	0.00	0.00	0.384	0.000
L5 West Win (G.W10.E49.W1)	1.0	194.04	4.96	39.10	0.00	1.50	0.00	0.00	0.384	0.000
L5 South Win (G.N11.E51.W1)	1.0	41.62	3.89	10.70	0.00	1.50	0.00	0.00	0.384	0.000
L5 North Win (G.N11.E52.W1)	1.0	49.73	3.68	13.50	0.00	1.50	0.00	0.00	0.384	0.000
L5 West Win (G.N11.E53.W1)	1.0	12.41	4.96	2.50	0.00	1.50	0.00	0.00	0.384	0.000
L5 North Win (G.N11.E54.W1)	1.0	42.54	3.68	11.55	0.00	1.50	0.00	0.00	0.384	0.000
L5 East Win (G.N11.E55.W1)	1.0	13.37	5.35	2.50	0.00	1.50	0.00	0.00	0.384	0.000
L5 North Win (G.N11.E56.W1)	1.0	160.04	3.68	43.45	0.00	1.50	0.00	0.00	0.384	0.000
L5 West Win (G.N11.E57.W1)	1.0	66.25	4.96	13.35	0.00	1.50	0.00	0.00	0.384	0.000
L5 North Win (G.N11.E58.W1)	1.0	38.12	3.68	10.35	0.00	1.50	0.00	0.00	0.384	0.000
L5 East Win (G.N11.E59.W1)	1.0	71.40	5.35	13.35	0.00	1.50	0.00	0.00	0.384	0.000
L5 North Win (G.N11.E60.W1)	1.0	74.59	3.68	20.25	0.00	1.50	0.00	0.00	0.384	0.000
L5 West Win (G.N11.E61.W1)	1.0	12.41	4.96	2.50	0.00	1.50	0.00	0.00	0.384	0.000
L5 North Win (G.N11.E62.W1)	1.0	18.79	3.68	5.10	0.00	1.50	0.00	0.00	0.384	0.000
L5 East Win (G.N11.E63.W1)	1.0	13.37	5.35	2.50	0.00	1.50	0.00	0.00	0.384	0.000
L5 North Win (G.N11.E64.W1)	1.0	47.52	3.68	12.90	0.00	1.50	0.00	0.00	0.384	0.000
L5 West Win (G.N11.E65.W1)	1.0	12.41	4.96	2.50	0.00	1.50	0.00	0.00	0.384	0.000
L5 West Win (G.N11.E66.W1)	1.0	12.65	4.96	2.55	0.00	1.50	0.00	0.00	0.384	0.000
L5 West Win (G.W12.E68.W1)	1.0	164.76	4.96	33.20	0.00	1.50	0.00	0.00	0.384	0.000
L6 North Win (G.N4.E4.W1)	1.0	42.36	3.68	11.50	0.00	1.50	0.00	0.00	0.384	0.000

## REPORT- LV-H Details of Windows

WEATHER FILE- SEATTLE BOEING FI WA

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

(Note: u-values include outside air film)

WINDOW NAME	MULTIPLIER	GLASS			LOCATION OF ORIGIN IN SURFACE COORDINATES		FRAME AREA (SQFT )	CURB U-VALUE (BTU/HR-SQFT-F)	FRAME AREA (SQFT )	CURB U-VALUE (BTU/HR-SQFT-F)
		GLASS AREA (SQFT )	GLASS HEIGHT (FT)	GLASS WIDTH (FT)	X (FT)	Y (FT)				
L6 South Win (G.WSW5.E6.W1)	1.0	96.26	3.89	24.75	0.00	1.50	0.00	0.00	0.384	0.000
L6 North Win (G.WSW5.E7.W1)	1.0	13.08	3.68	3.55	0.00	1.50	0.00	0.00	0.384	0.000
L6 West Win (G.WSW5.E8.W1)	1.0	185.60	4.96	37.40	0.00	1.50	0.00	0.00	0.384	0.000
L6 East Win (G.S6.E10.W1)	1.0	12.84	5.35	2.40	0.00	1.50	0.00	0.00	0.384	0.000
L6 South Win (G.S6.E11.W1)	1.0	278.68	3.89	71.65	0.00	1.50	0.00	0.00	0.384	0.000
L6 South Win (G.S6.E12.W1)	1.0	9.33	3.89	2.40	0.00	1.50	0.00	0.00	0.384	0.000
L6 East Win (G.ESE7.E14.W1)	1.0	205.90	5.35	38.50	0.00	1.50	0.00	0.00	0.384	0.000
L6 North Win (G.ESE7.E15.W1)	1.0	38.68	3.68	10.50	0.00	1.50	0.00	0.00	0.384	0.000
L6 South Win (G.ESE7.E16.W1)	1.0	116.49	3.89	29.95	0.00	1.50	0.00	0.00	0.384	0.000
L6 West Win (G.W8.E18.W1)	1.0	57.07	4.96	11.50	0.00	1.50	0.00	0.00	0.384	0.000
L6 South Win (G.W8.E19.W1)	1.0	13.81	3.89	3.55	0.00	1.50	0.00	0.00	0.384	0.000
L6 West Win (G.W8.E20.W1)	1.0	67.00	4.96	13.50	0.00	1.50	0.00	0.00	0.384	0.000
L6 West Win (G.NW9.E22.W1)	1.0	153.84	4.96	31.00	0.00	1.50	0.00	0.00	0.384	0.000
L6 North Win (G.NW9.E23.W1)	1.0	108.11	3.68	29.35	0.00	1.50	0.00	0.00	0.384	0.000
L6 East Win (G.NE10.E25.W1)	1.0	123.00	5.35	23.00	0.00	1.50	0.00	0.00	0.384	0.000
L6 North Win (G.NE10.E26.W1)	1.0	89.14	3.68	24.20	0.00	1.50	0.00	0.00	0.384	0.000
L6 West Win (G.NW11.E28.W1)	1.0	127.54	4.96	25.70	0.00	1.50	0.00	0.00	0.384	0.000
L6 North Win (G.NW11.E29.W1)	1.0	83.98	3.68	22.80	0.00	1.50	0.00	0.00	0.384	0.000
L6 North Win (G.NE12.E31.W1)	1.0	86.56	3.68	23.50	0.00	1.50	0.00	0.00	0.384	0.000
L6 East Win (G.NE12.E32.W1)	1.0	14.44	5.35	2.70	0.00	1.50	0.00	0.00	0.384	0.000
L6 North Win (G.NE12.E33.W1)	1.0	43.10	3.68	11.70	0.00	1.50	0.00	0.00	0.384	0.000
L6 East Win (G.NE12.E34.W1)	1.0	189.85	5.35	35.50	0.00	1.50	0.00	0.00	0.384	0.000
L6 East Win (G.ESE13.E36.W1)	1.0	33.16	5.35	6.20	0.00	1.50	0.00	0.00	0.384	0.000
L6 South Win (G.ESE13.E37.W1)	1.0	18.67	3.89	4.80	0.00	1.50	0.00	0.00	0.384	0.000
L6 East Win (G.ESE13.E38.W1)	1.0	57.76	5.35	10.80	0.00	1.50	0.00	0.00	0.384	0.000
L7 North Win (G.N4.E1.W1)	1.0	42.36	3.68	11.50	0.00	1.50	0.00	0.00	0.384	0.000
L7 South Win (G.WSW5.E2.W1)	1.0	96.26	3.89	24.75	0.00	1.50	0.00	0.00	0.384	0.000
L7 North Win (G.WSW5.E3.W1)	1.0	13.08	3.68	3.55	0.00	1.50	0.00	0.00	0.384	0.000
L7 West Win (G.WSW5.E4.W1)	1.0	185.60	4.96	37.40	0.00	1.50	0.00	0.00	0.384	0.000
L7 East Win (G.S6.E5.W1)	1.0	12.84	5.35	2.40	0.00	1.50	0.00	0.00	0.384	0.000
L7 South Win (G.S6.E6.W1)	1.0	278.68	3.89	71.65	0.00	1.50	0.00	0.00	0.384	0.000
L7 South Win (G.S6.E7.W1)	1.0	9.33	3.89	2.40	0.00	1.50	0.00	0.00	0.384	0.000
L7 East Win (G.ESE7.E8.W1)	1.0	205.90	5.35	38.50	0.00	1.50	0.00	0.00	0.384	0.000
L7 North Win (G.ESE7.E9.W1)	1.0	38.68	3.68	10.50	0.00	1.50	0.00	0.00	0.384	0.000
L7 South Win (G.ESE7.E10.W1)	1.0	116.49	3.89	29.95	0.00	1.50	0.00	0.00	0.384	0.000
L7 West Win (G.W8.E11.W1)	1.0	57.07	4.96	11.50	0.00	1.50	0.00	0.00	0.384	0.000
L7 South Win (G.W8.E12.W1)	1.0	13.81	3.89	3.55	0.00	1.50	0.00	0.00	0.384	0.000
L7 West Win (G.W8.E13.W1)	1.0	67.00	4.96	13.50	0.00	1.50	0.00	0.00	0.384	0.000
L7 East Win (G.NW9.E14.W1)	1.0	32.09	5.35	6.00	0.00	1.50	0.00	0.00	0.384	0.000
L7 North Win (G.NW9.E15.W1)	1.0	116.21	3.68	31.55	0.00	1.50	0.00	0.00	0.384	0.000
L7 West Win (G.NW9.E16.W1)	1.0	153.84	4.96	31.00	0.00	1.50	0.00	0.00	0.384	0.000
L7 East Win (G.NE10.E17.W1)	1.0	123.00	5.35	23.00	0.00	1.50	0.00	0.00	0.384	0.000
L7 North Win (G.NE10.E18.W1)	1.0	47.88	3.68	13.00	0.00	1.50	0.00	0.00	0.384	0.000
L7 West Win (G.NE10.E19.W1)	1.0	29.78	4.96	6.00	0.00	1.50	0.00	0.00	0.384	0.000
L7 North Win (G.NE10.E20.W1)	1.0	33.15	3.68	9.00	0.00	1.50	0.00	0.00	0.384	0.000
L7 West Win (G.NW11.E21.W1)	1.0	127.54	4.96	25.70	0.00	1.50	0.00	0.00	0.384	0.000
L7 North Win (G.NW11.E22.W1)	1.0	83.98	3.68	22.80	0.00	1.50	0.00	0.00	0.384	0.000
L7 North Win (G.NE12.E23.W1)	1.0	86.56	3.68	23.50	0.00	1.50	0.00	0.00	0.384	0.000
L7 East Win (G.NE12.E24.W1)	1.0	14.44	5.35	2.70	0.00	1.50	0.00	0.00	0.384	0.000
L7 North Win (G.NE12.E25.W1)	1.0	43.10	3.68	11.70	0.00	1.50	0.00	0.00	0.384	0.000
L7 East Win (G.NE12.E26.W1)	1.0	189.85	5.35	35.50	0.00	1.50	0.00	0.00	0.384	0.000
L7 East Win (G.ESE13.E27.W1)	1.0	33.16	5.35	6.20	0.00	1.50	0.00	0.00	0.384	0.000

## REPORT- LV-H Details of Windows

WEATHER FILE- SEATTLE BOEING FI WA

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

(Note: u-values include outside air film)

WINDOW NAME	MULTIPLIER	GLASS			LOCATION OF ORIGIN IN SURFACE COORDINATES		FRAME AREA (SQFT )	CURB U-VALUE (BTU/HR-SQFT-F)	FRAME AREA (SQFT )	CURB U-VALUE (BTU/HR-SQFT-F)
		GLASS AREA (SQFT )	GLASS HEIGHT (FT)	GLASS WIDTH (FT)	X (FT)	Y (FT)				
L7 South Win (G.ESE13.E28.W1)	1.0	18.67	3.89	4.80	0.00	1.50	0.00	0.00	0.384	0.000
L7 East Win (G.ESE13.E29.W1)	1.0	57.76	5.35	10.80	0.00	1.50	0.00	0.00	0.384	0.000
L8 North Win (M.N19.E30.W1)	1.0	42.36	3.68	11.50	0.00	1.50	0.00	0.00	0.384	0.000
L8 South Win (M.WSW20.E31.W1)	1.0	96.26	3.89	24.75	0.00	1.50	0.00	0.00	0.384	0.000
L8 North Win (M.WSW20.E32.W1)	1.0	13.08	3.68	3.55	0.00	1.50	0.00	0.00	0.384	0.000
L8 West Win (M.WSW20.E33.W1)	1.0	185.60	4.96	37.40	0.00	1.50	0.00	0.00	0.384	0.000
L8 East Win (M.S21.E34.W1)	1.0	12.84	5.35	2.40	0.00	1.50	0.00	0.00	0.384	0.000
L8 South Win (M.S21.E35.W1)	1.0	278.68	3.89	71.65	0.00	1.50	0.00	0.00	0.384	0.000
L8 South Win (M.S21.E36.W1)	1.0	9.33	3.89	2.40	0.00	1.50	0.00	0.00	0.384	0.000
L8 East Win (M.ESE22.E37.W1)	1.0	205.90	5.35	38.50	0.00	1.50	0.00	0.00	0.384	0.000
L8 North Win (M.ESE22.E38.W1)	1.0	38.68	3.68	10.50	0.00	1.50	0.00	0.00	0.384	0.000
L8 South Win (M.ESE22.E39.W1)	1.0	116.49	3.89	29.95	0.00	1.50	0.00	0.00	0.384	0.000
L8 West Win (M.W23.E40.W1)	1.0	57.07	4.96	11.50	0.00	1.50	0.00	0.00	0.384	0.000
L8 South Win (M.W23.E41.W1)	1.0	13.81	3.89	3.55	0.00	1.50	0.00	0.00	0.384	0.000
L8 West Win (M.W23.E42.W1)	1.0	67.00	4.96	13.50	0.00	1.50	0.00	0.00	0.384	0.000
L8 East Win (M.NW24.E43.W1)	1.0	32.09	5.35	6.00	0.00	1.50	0.00	0.00	0.384	0.000
L8 North Win (M.NW24.E44.W1)	1.0	116.21	3.68	31.55	0.00	1.50	0.00	0.00	0.384	0.000
L8 West Win (M.NW24.E45.W1)	1.0	153.84	4.96	31.00	0.00	1.50	0.00	0.00	0.384	0.000
L8 East Win (M.NE25.E46.W1)	1.0	123.00	5.35	23.00	0.00	1.50	0.00	0.00	0.384	0.000
L8 North Win (M.NE25.E47.W1)	1.0	47.88	3.68	13.00	0.00	1.50	0.00	0.00	0.384	0.000
L8 West Win (M.NE25.E48.W1)	1.0	29.78	4.96	6.00	0.00	1.50	0.00	0.00	0.384	0.000
L8 North Win (M.NE25.E49.W1)	1.0	33.15	3.68	9.00	0.00	1.50	0.00	0.00	0.384	0.000
L8 West Win (M.NW26.E50.W1)	1.0	127.54	4.96	25.70	0.00	1.50	0.00	0.00	0.384	0.000
L8 North Win (M.NW26.E51.W1)	1.0	83.98	3.68	22.80	0.00	1.50	0.00	0.00	0.384	0.000
L8 North Win (M.NE27.E52.W1)	1.0	86.56	3.68	23.50	0.00	1.50	0.00	0.00	0.384	0.000
L8 East Win (M.NE27.E53.W1)	1.0	14.44	5.35	2.70	0.00	1.50	0.00	0.00	0.384	0.000
L8 North Win (M.NE27.E54.W1)	1.0	43.10	3.68	11.70	0.00	1.50	0.00	0.00	0.384	0.000
L8 East Win (M.NE27.E55.W1)	1.0	189.85	5.35	35.50	0.00	1.50	0.00	0.00	0.384	0.000
L8 East Win (M.ESE28.E56.W1)	1.0	33.16	5.35	6.20	0.00	1.50	0.00	0.00	0.384	0.000
L8 South Win (M.ESE28.E57.W1)	1.0	18.67	3.89	4.80	0.00	1.50	0.00	0.00	0.384	0.000
L8 East Win (M.ESE28.E58.W1)	1.0	57.76	5.35	10.80	0.00	1.50	0.00	0.00	0.384	0.000
L14 North Win (T.N34.E62.W1)	1.0	42.36	3.68	11.50	0.00	1.50	0.00	0.00	0.384	0.000
L14 South Win (T.WSW35.E64.W1)	1.0	96.26	3.89	24.75	0.00	1.50	0.00	0.00	0.384	0.000
L14 North Win (T.WSW35.E65.W1)	1.0	13.08	3.68	3.55	0.00	1.50	0.00	0.00	0.384	0.000
L14 West Win (T.WSW35.E66.W1)	1.0	185.60	4.96	37.40	0.00	1.50	0.00	0.00	0.384	0.000
L14 East Win (T.S36.E68.W1)	1.0	12.84	5.35	2.40	0.00	1.50	0.00	0.00	0.384	0.000
L14 South Win (T.S36.E69.W1)	1.0	278.68	3.89	71.65	0.00	1.50	0.00	0.00	0.384	0.000
L14 South Win (T.S36.E70.W1)	1.0	9.33	3.89	2.40	0.00	1.50	0.00	0.00	0.384	0.000
L14 East Win (T.ESE37.E72.W1)	1.0	205.90	5.35	38.50	0.00	1.50	0.00	0.00	0.384	0.000
L14 North Win (T.ESE37.E73.W1)	1.0	38.68	3.68	10.50	0.00	1.50	0.00	0.00	0.384	0.000
L14 South Win (T.ESE37.E74.W1)	1.0	116.49	3.89	29.95	0.00	1.50	0.00	0.00	0.384	0.000
L14 West Win (T.W38.E76.W1)	1.0	57.07	4.96	11.50	0.00	1.50	0.00	0.00	0.384	0.000
L14 South Win (T.W38.E77.W1)	1.0	13.81	3.89	3.55	0.00	1.50	0.00	0.00	0.384	0.000
L14 West Win (T.W38.E78.W1)	1.0	67.00	4.96	13.50	0.00	1.50	0.00	0.00	0.384	0.000
L14 East Win (T.NW39.E80.W1)	1.0	32.09	5.35	6.00	0.00	1.50	0.00	0.00	0.384	0.000
L14 North Win (T.NW39.E81.W1)	1.0	116.21	3.68	31.55	0.00	1.50	0.00	0.00	0.384	0.000
L14 West Win (T.NW39.E82.W1)	1.0	153.84	4.96	31.00	0.00	1.50	0.00	0.00	0.384	0.000
L14 East Win (T.NE40.E84.W1)	1.0	123.00	5.35	23.00	0.00	1.50	0.00	0.00	0.384	0.000
L14 North Win (T.NE40.E85.W1)	1.0	47.88	3.68	13.00	0.00	1.50	0.00	0.00	0.384	0.000
L14 West Win (T.NE40.E86.W1)	1.0	29.78	4.96	6.00	0.00	1.50	0.00	0.00	0.384	0.000
L14 North Win (T.NE40.E87.W1)	1.0	33.15	3.68	9.00	0.00	1.50	0.00	0.00	0.384	0.000
L14 West Win (T.NW41.E89.W1)	1.0	127.54	4.96	25.70	0.00	1.50	0.00	0.00	0.384	0.000

## REPORT- LV-H Details of Windows

WEATHER FILE- SEATTLE BOEING FI WA

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

(Note: u-values include outside air film)

WINDOW NAME	MULTIPLIER	GLASS AREA (SQFT )	GLASS HEIGHT (FT)	GLASS WIDTH (FT)	LOCATION OF ORIGIN IN SURFACE COORDINATES		FRAME AREA (SQFT )	CURB	FRAME U-VALUE (BTU/HR-SQFT-F)	CURB
					X (FT)	Y (FT)				
L14 North Win (T.NW41.E90.W1)	1.0	83.98	3.68	22.80	0.00	1.50	0.00	0.00	0.384	0.000
L14 North Win (T.NE42.E92.W1)	1.0	86.56	3.68	23.50	0.00	1.50	0.00	0.00	0.384	0.000
L14 East Win (T.NE42.E93.W1)	1.0	14.44	5.35	2.70	0.00	1.50	0.00	0.00	0.384	0.000
L14 North Win (T.NE42.E94.W1)	1.0	43.10	3.68	11.70	0.00	1.50	0.00	0.00	0.384	0.000
L14 East Win (T.NE42.E95.W1)	1.0	189.85	5.35	35.50	0.00	1.50	0.00	0.00	0.384	0.000
L14 East Win (T.ESE43.E97.W1)	1.0	33.16	5.35	6.20	0.00	1.50	0.00	0.00	0.384	0.000
L14 South Win (T.ESE43.E98.W1)	1.0	18.67	3.89	4.80	0.00	1.50	0.00	0.00	0.384	0.000
L14 East Win (T.ESE43.E99.W1)	1.0	57.76	5.35	10.80	0.00	1.50	0.00	0.00	0.384	0.000
L15 North Win (G.N4.E4.W1)	1.0	42.36	3.68	11.50	0.00	1.50	0.00	0.00	0.384	0.000
L15 South Win (G.SW5.E6.W1)	1.0	105.60	3.89	27.15	0.00	1.50	0.00	0.00	0.384	0.000
L15 East Win (G.SW5.E7.W1)	1.0	34.23	5.35	6.40	0.00	1.50	0.00	0.00	0.384	0.000
L15 South Win (G.SW5.E8.W1)	1.0	44.34	3.89	11.40	0.00	1.50	0.00	0.00	0.384	0.000
L15 North Win (G.SW5.E9.W1)	1.0	13.08	3.68	3.55	0.00	1.50	0.00	0.00	0.384	0.000
L15 West Win (G.SW5.E10.W1)	1.0	185.60	4.96	37.40	0.00	1.50	0.00	0.00	0.384	0.000
L15 West Win (G.W6.E12.W1)	1.0	57.07	4.96	11.50	0.00	1.50	0.00	0.00	0.384	0.000
L15 South Win (G.W6.E13.W1)	1.0	13.81	3.89	3.55	0.00	1.50	0.00	0.00	0.384	0.000
L15 West Win (G.W6.E14.W1)	1.0	67.00	4.96	13.50	0.00	1.50	0.00	0.00	0.384	0.000
L15 East Win (G.NW7.E16.W1)	1.0	13.37	5.35	2.50	0.00	1.50	0.00	0.00	0.384	0.000
L15 North Win (G.NW7.E17.W1)	1.0	116.21	3.68	31.55	0.00	1.50	0.00	0.00	0.384	0.000
L15 West Win (G.NW7.E18.W1)	1.0	153.84	4.96	31.00	0.00	1.50	0.00	0.00	0.384	0.000
L15 East Win (G.NE8.E20.W1)	1.0	133.70	5.35	25.00	0.00	1.50	0.00	0.00	0.384	0.000
L15 North Win (G.NE8.E21.W1)	1.0	47.88	3.68	13.00	0.00	1.50	0.00	0.00	0.384	0.000
L15 West Win (G.NE8.E22.W1)	1.0	12.41	4.96	2.50	0.00	1.50	0.00	0.00	0.384	0.000
L15 North Win (G.NE8.E23.W1)	1.0	33.15	3.68	9.00	0.00	1.50	0.00	0.00	0.384	0.000
L15 South Win (G.NE9.E25.W1)	1.0	23.34	3.89	6.00	0.00	1.50	0.00	0.00	0.384	0.000
L15 East Win (G.NE9.E26.W1)	1.0	208.57	5.35	39.00	0.00	1.50	0.00	0.00	0.384	0.000
L15 North Win (G.NE9.E27.W1)	1.0	127.08	3.68	34.50	0.00	1.50	0.00	0.00	0.384	0.000
L15 West Win (G.NE9.E28.W1)	1.0	137.46	4.96	27.70	0.00	1.50	0.00	0.00	0.384	0.000
L15 East Win (G.NE9.E29.W1)	1.0	81.29	5.35	15.20	0.00	1.50	0.00	0.00	0.384	0.000
L15 East Win (G.C10.E31.W1)	1.0	56.15	5.35	10.50	0.00	1.50	0.00	0.00	0.384	0.000
L15 East Win (G.SSE12.E34.W1)	1.0	133.70	5.35	25.00	0.00	1.50	0.00	0.00	0.384	0.000
L15 South Win (G.SSE12.E35.W1)	1.0	213.92	3.89	55.00	0.00	1.50	0.00	0.00	0.384	0.000
L16 North Win (G.N4.E1.W1)	1.0	42.36	3.68	11.50	0.00	1.50	0.00	0.00	0.384	0.000
L16 South Win (G.SW5.E2.W1)	1.0	105.60	3.89	27.15	0.00	1.50	0.00	0.00	0.384	0.000
L16 East Win (G.SW5.E3.W1)	1.0	34.23	5.35	6.40	0.00	1.50	0.00	0.00	0.384	0.000
L16 South Win (G.SW5.E4.W1)	1.0	44.34	3.89	11.40	0.00	1.50	0.00	0.00	0.384	0.000
L16 North Win (G.SW5.E5.W1)	1.0	13.08	3.68	3.55	0.00	1.50	0.00	0.00	0.384	0.000
L16 West Win (G.SW5.E6.W1)	1.0	185.60	4.96	37.40	0.00	1.50	0.00	0.00	0.384	0.000
L16 West Win (G.W6.E7.W1)	1.0	57.07	4.96	11.50	0.00	1.50	0.00	0.00	0.384	0.000
L16 South Win (G.W6.E8.W1)	1.0	13.81	3.89	3.55	0.00	1.50	0.00	0.00	0.384	0.000
L16 West Win (G.W6.E9.W1)	1.0	67.00	4.96	13.50	0.00	1.50	0.00	0.00	0.384	0.000
L16 East Win (G.NW7.E10.W1)	1.0	34.76	5.35	6.50	0.00	1.50	0.00	0.00	0.384	0.000
L16 North Win (G.NW7.E11.W1)	1.0	116.21	3.68	31.55	0.00	1.50	0.00	0.00	0.384	0.000
L16 West Win (G.NW7.E12.W1)	1.0	153.84	4.96	31.00	0.00	1.50	0.00	0.00	0.384	0.000
L16 East Win (G.NE8.E13.W1)	1.0	133.70	5.35	25.00	0.00	1.50	0.00	0.00	0.384	0.000
L16 North Win (G.NE8.E14.W1)	1.0	47.88	3.68	13.00	0.00	1.50	0.00	0.00	0.384	0.000
L16 West Win (G.NE8.E15.W1)	1.0	32.26	4.96	6.50	0.00	1.50	0.00	0.00	0.384	0.000
L16 North Win (G.NE8.E16.W1)	1.0	33.15	3.68	9.00	0.00	1.50	0.00	0.00	0.384	0.000
L16 South Win (G.NNE9.E17.W1)	1.0	23.34	3.89	6.00	0.00	1.50	0.00	0.00	0.384	0.000
L16 East Win (G.NNE9.E18.W1)	1.0	80.22	5.35	15.00	0.00	1.50	0.00	0.00	0.384	0.000
L16 North Win (G.NNE9.E19.W1)	1.0	22.84	3.68	6.20	0.00	1.50	0.00	0.00	0.384	0.000
L16 East Win (G.NNE9.E20.W1)	1.0	53.48	5.35	10.00	0.00	1.50	0.00	0.00	0.384	0.000

## REPORT- LV-H Details of Windows

WEATHER FILE- SEATTLE BOEING FI WA

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

(Note: u-values include outside air film)

WINDOW NAME	MULTIPLIER	GLASS AREA (SQFT )	GLASS HEIGHT (FT)	GLASS WIDTH (FT)	LOCATION OF ORIGIN IN SURFACE COORDINATES		FRAME AREA (SQFT )	CURB U-VALUE (BTU/HR-SQFT-F)	FRAME AREA (SQFT )	CURB U-VALUE (BTU/HR-SQFT-F)
					X (FT)	Y (FT)				
L16 South Win (G.NNE9.E21.W1)	1.0	24.11	3.89	6.20	0.00	1.50	0.00	0.00	0.384	0.000
L16 East Win (G.NNE9.E22.W1)	1.0	74.87	5.35	14.00	0.00	1.50	0.00	0.00	0.384	0.000
L16 North Win (G.NNE9.E23.W1)	1.0	127.08	3.68	34.50	0.00	1.50	0.00	0.00	0.384	0.000
L16 West Win (G.NNE9.E24.W1)	1.0	137.46	4.96	27.70	0.00	1.50	0.00	0.00	0.384	0.000
L16 South Win (G.S12.E25.W1)	1.0	102.49	3.89	26.35	0.00	1.50	0.00	0.00	0.384	0.000
L16 West Win (G.S12.E26.W1)	1.0	14.89	4.96	3.00	0.00	1.50	0.00	0.00	0.384	0.000
L16 East Win (G.SE13.E27.W1)	1.0	149.74	5.35	28.00	0.00	1.50	0.00	0.00	0.384	0.000
L16 South Win (G.SE13.E28.W1)	1.0	134.77	3.89	34.65	0.00	1.50	0.00	0.00	0.384	0.000
L16 North Win (G.ENE14.E29.W1)	1.0	22.10	3.68	6.00	0.00	1.50	0.00	0.00	0.384	0.000
L16 East Win (G.ENE14.E30.W1)	1.0	38.51	5.35	7.20	0.00	1.50	0.00	0.00	0.384	0.000
L16 East Win (G.ENE14.E31.W1)	1.0	98.94	5.35	18.50	0.00	1.50	0.00	0.00	0.384	0.000
L17 North Win (M.N19.E32.W1)	1.0	42.36	3.68	11.50	0.00	1.50	0.00	0.00	0.384	0.000
L17 South Win (M.SW20.E33.W1)	1.0	105.60	3.89	27.15	0.00	1.50	0.00	0.00	0.384	0.000
L17 East Win (M.SW20.E34.W1)	1.0	34.23	5.35	6.40	0.00	1.50	0.00	0.00	0.384	0.000
L17 South Win (M.SW20.E35.W1)	1.0	44.34	3.89	11.40	0.00	1.50	0.00	0.00	0.384	0.000
L17 North Win (M.SW20.E36.W1)	1.0	13.08	3.68	3.55	0.00	1.50	0.00	0.00	0.384	0.000
L17 West Win (M.SW20.E37.W1)	1.0	185.60	4.96	37.40	0.00	1.50	0.00	0.00	0.384	0.000
L17 West Win (M.W21.E38.W1)	1.0	57.07	4.96	11.50	0.00	1.50	0.00	0.00	0.384	0.000
L17 South Win (M.W21.E39.W1)	1.0	13.81	3.89	3.55	0.00	1.50	0.00	0.00	0.384	0.000
L17 West Win (M.W21.E40.W1)	1.0	67.00	4.96	13.50	0.00	1.50	0.00	0.00	0.384	0.000
L17 East Win (M.NW22.E41.W1)	1.0	34.76	5.35	6.50	0.00	1.50	0.00	0.00	0.384	0.000
L17 North Win (M.NW22.E42.W1)	1.0	116.21	3.68	31.55	0.00	1.50	0.00	0.00	0.384	0.000
L17 West Win (M.NW22.E43.W1)	1.0	153.84	4.96	31.00	0.00	1.50	0.00	0.00	0.384	0.000
L17 East Win (M.NE23.E44.W1)	1.0	133.70	5.35	25.00	0.00	1.50	0.00	0.00	0.384	0.000
L17 North Win (M.NE23.E45.W1)	1.0	47.88	3.68	13.00	0.00	1.50	0.00	0.00	0.384	0.000
L17 West Win (M.NE23.E46.W1)	1.0	32.26	4.96	6.50	0.00	1.50	0.00	0.00	0.384	0.000
L17 North Win (M.NE23.E47.W1)	1.0	33.15	3.68	9.00	0.00	1.50	0.00	0.00	0.384	0.000
L17 South Win (M.NNE24.E48.W1)	1.0	23.34	3.89	6.00	0.00	1.50	0.00	0.00	0.384	0.000
L17 East Win (M.NNE24.E49.W1)	1.0	80.22	5.35	15.00	0.00	1.50	0.00	0.00	0.384	0.000
L17 North Win (M.NNE24.E50.W1)	1.0	22.84	3.68	6.20	0.00	1.50	0.00	0.00	0.384	0.000
L17 East Win (M.NNE24.E51.W1)	1.0	53.48	5.35	10.00	0.00	1.50	0.00	0.00	0.384	0.000
L17 South Win (M.NNE24.E52.W1)	1.0	24.11	3.89	6.20	0.00	1.50	0.00	0.00	0.384	0.000
L17 East Win (M.NNE24.E53.W1)	1.0	74.87	5.35	14.00	0.00	1.50	0.00	0.00	0.384	0.000
L17 North Win (M.NNE24.E54.W1)	1.0	127.08	3.68	34.50	0.00	1.50	0.00	0.00	0.384	0.000
L17 West Win (M.NNE24.E55.W1)	1.0	137.46	4.96	27.70	0.00	1.50	0.00	0.00	0.384	0.000
L17 South Win (M.S27.E56.W1)	1.0	102.49	3.89	26.35	0.00	1.50	0.00	0.00	0.384	0.000
L17 West Win (M.S27.E57.W1)	1.0	14.89	4.96	3.00	0.00	1.50	0.00	0.00	0.384	0.000
L17 East Win (M.SE28.E58.W1)	1.0	149.74	5.35	28.00	0.00	1.50	0.00	0.00	0.384	0.000
L17 South Win (M.SE28.E59.W1)	1.0	134.77	3.89	34.65	0.00	1.50	0.00	0.00	0.384	0.000
L17 North Win (M.ENE29.E60.W1)	1.0	22.10	3.68	6.00	0.00	1.50	0.00	0.00	0.384	0.000
L17 East Win (M.ENE29.E61.W1)	1.0	38.51	5.35	7.20	0.00	1.50	0.00	0.00	0.384	0.000
L17 East Win (M.ENE29.E62.W1)	1.0	98.94	5.35	18.50	0.00	1.50	0.00	0.00	0.384	0.000
L27 North Win (T.N34.E66.W1)	1.0	42.36	3.68	11.50	0.00	1.50	0.00	0.00	0.384	0.000
L27 South Win (T.SW35.E68.W1)	1.0	105.60	3.89	27.15	0.00	1.50	0.00	0.00	0.384	0.000
L27 East Win (T.SW35.E69.W1)	1.0	34.23	5.35	6.40	0.00	1.50	0.00	0.00	0.384	0.000
L27 South Win (T.SW35.E70.W1)	1.0	44.34	3.89	11.40	0.00	1.50	0.00	0.00	0.384	0.000
L27 North Win (T.SW35.E71.W1)	1.0	13.08	3.68	3.55	0.00	1.50	0.00	0.00	0.384	0.000
L27 West Win (T.SW35.E72.W1)	1.0	185.60	4.96	37.40	0.00	1.50	0.00	0.00	0.384	0.000
L27 West Win (T.W36.E74.W1)	1.0	57.07	4.96	11.50	0.00	1.50	0.00	0.00	0.384	0.000
L27 South Win (T.W36.E75.W1)	1.0	13.81	3.89	3.55	0.00	1.50	0.00	0.00	0.384	0.000
L27 West Win (T.W36.E76.W1)	1.0	67.00	4.96	13.50	0.00	1.50	0.00	0.00	0.384	0.000
L27 East Win (T.NW37.E78.W1)	1.0	34.76	5.35	6.50	0.00	1.50	0.00	0.00	0.384	0.000

## REPORT- LV-H Details of Windows

WEATHER FILE- SEATTLE BOEING FI WA

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

(Note: u-values include outside air film)

WINDOW NAME	MULTIPLIER	GLASS			LOCATION OF ORIGIN IN SURFACE COORDINATES		FRAME AREA (SQFT )	CURB U-VALUE (BTU/HR-SQFT-F)	FRAME AREA (SQFT )	CURB U-VALUE (BTU/HR-SQFT-F)
		GLASS AREA (SQFT )	HEIGHT (FT)	WIDTH (FT)	X (FT)	Y (FT)				
L27 North Win (T.NW37.E79.W1)	1.0	116.21	3.68	31.55	0.00	1.50	0.00	0.00	0.384	0.000
L27 West Win (T.NW37.E80.W1)	1.0	153.84	4.96	31.00	0.00	1.50	0.00	0.00	0.384	0.000
L27 East Win (T.NE38.E82.W1)	1.0	133.70	5.35	25.00	0.00	1.50	0.00	0.00	0.384	0.000
L27 North Win (T.NE38.E83.W1)	1.0	47.88	3.68	13.00	0.00	1.50	0.00	0.00	0.384	0.000
L27 West Win (T.NE38.E84.W1)	1.0	32.26	4.96	6.50	0.00	1.50	0.00	0.00	0.384	0.000
L27 North Win (T.NE38.E85.W1)	1.0	33.15	3.68	9.00	0.00	1.50	0.00	0.00	0.384	0.000
L27 South Win (T.NNE39.E87.W1)	1.0	23.34	3.89	6.00	0.00	1.50	0.00	0.00	0.384	0.000
L27 East Win (T.NNE39.E88.W1)	1.0	80.22	5.35	15.00	0.00	1.50	0.00	0.00	0.384	0.000
L27 North Win (T.NNE39.E89.W1)	1.0	22.84	3.68	6.20	0.00	1.50	0.00	0.00	0.384	0.000
L27 East Win (T.NNE39.E90.W1)	1.0	53.48	5.35	10.00	0.00	1.50	0.00	0.00	0.384	0.000
L27 South Win (T.NNE39.E91.W1)	1.0	24.11	3.89	6.20	0.00	1.50	0.00	0.00	0.384	0.000
L27 East Win (T.NNE39.E92.W1)	1.0	74.87	5.35	14.00	0.00	1.50	0.00	0.00	0.384	0.000
L27 North Win (T.NNE39.E93.W1)	1.0	127.08	3.68	34.50	0.00	1.50	0.00	0.00	0.384	0.000
L27 West Win (T.NNE39.E94.W1)	1.0	137.46	4.96	27.70	0.00	1.50	0.00	0.00	0.384	0.000
L27 South Win (T.S42.E98.W1)	1.0	102.49	3.89	26.35	0.00	1.50	0.00	0.00	0.384	0.000
L27 West Win (T.S42.E99.W1)	1.0	14.89	4.96	3.00	0.00	1.50	0.00	0.00	0.384	0.000
L27 East Win (T.SE43.E101.W1)	1.0	149.74	5.35	28.00	0.00	1.50	0.00	0.00	0.384	0.000
L27 South Win (T.SE43.E102.W1)	1.0	134.77	3.89	34.65	0.00	1.50	0.00	0.00	0.384	0.000
L27 North Win (T.ENE44.E104.W1)	1.0	22.10	3.68	6.00	0.00	1.50	0.00	0.00	0.384	0.000
L27 East Win (T.ENE44.E105.W1)	1.0	38.51	5.35	7.20	0.00	1.50	0.00	0.00	0.384	0.000
L27 East Win (T.ENE44.E106.W1)	1.0	98.94	5.35	18.50	0.00	1.50	0.00	0.00	0.384	0.000
L28 North Win (G.N4.E4.W1)	1.0	42.36	3.68	11.50	0.00	1.50	0.00	0.00	0.384	0.000
L28 South Win (G.SW5.E6.W1)	1.0	105.01	3.89	27.00	0.00	1.50	0.00	0.00	0.384	0.000
L28 East Win (G.SW5.E7.W1)	1.0	34.76	5.35	6.50	0.00	1.50	0.00	0.00	0.384	0.000
L28 South Win (G.SW5.E8.W1)	1.0	44.73	3.89	11.50	0.00	1.50	0.00	0.00	0.384	0.000
L28 West Win (G.SW5.E9.W1)	1.0	32.75	4.96	6.60	0.00	1.50	0.00	0.00	0.384	0.000
L28 South Win (G.SW5.E10.W1)	1.0	12.84	3.89	3.30	0.00	1.50	0.00	0.00	0.384	0.000
L28 West Win (G.SW5.E11.W1)	1.0	72.45	4.96	14.60	0.00	1.50	0.00	0.00	0.384	0.000
L28 North Win (G.SW5.E12.W1)	1.0	12.16	3.68	3.30	0.00	1.50	0.00	0.00	0.384	0.000
L28 West Win (G.SW5.E13.W1)	1.0	185.60	4.96	37.40	0.00	1.50	0.00	0.00	0.384	0.000
L28 North Win (G.NE6.E15.W1)	1.0	18.42	3.68	5.00	0.00	1.50	0.00	0.00	0.384	0.000
L28 East Win (G.NE6.E16.W1)	1.0	45.99	5.35	8.60	0.00	1.50	0.00	0.00	0.384	0.000
L28 South Win (G.NE6.E17.W1)	1.0	23.34	3.89	6.00	0.00	1.50	0.00	0.00	0.384	0.000
L28 East Win (G.NE6.E18.W1)	1.0	80.22	5.35	15.00	0.00	1.50	0.00	0.00	0.384	0.000
L28 North Win (G.NE6.E19.W1)	1.0	22.84	3.68	6.20	0.00	1.50	0.00	0.00	0.384	0.000
L28 East Win (G.NE6.E20.W1)	1.0	53.48	5.35	10.00	0.00	1.50	0.00	0.00	0.384	0.000
L28 South Win (G.NE6.E21.W1)	1.0	24.11	3.89	6.20	0.00	1.50	0.00	0.00	0.384	0.000
L28 East Win (G.NE6.E22.W1)	1.0	74.87	5.35	14.00	0.00	1.50	0.00	0.00	0.384	0.000
L28 North Win (G.NE6.E23.W1)	1.0	127.08	3.68	34.50	0.00	1.50	0.00	0.00	0.384	0.000
L28 West Win (G.NE6.E24.W1)	1.0	137.46	4.96	27.70	0.00	1.50	0.00	0.00	0.384	0.000
L28 East Win (G.NE6.E25.W1)	1.0	78.62	5.35	14.70	0.00	1.50	0.00	0.00	0.384	0.000
L28 South Win (G.SSE9.E29.W1)	1.0	143.91	3.89	37.00	0.00	1.50	0.00	0.00	0.384	0.000
L28 East Win (G.SSE9.E30.W1)	1.0	31.02	5.35	5.80	0.00	1.50	0.00	0.00	0.384	0.000
L28 South Win (G.SSE9.E31.W1)	1.0	89.46	3.89	23.00	0.00	1.50	0.00	0.00	0.384	0.000
L28 East Win (G.SSE9.E32.W1)	1.0	126.21	5.35	23.60	0.00	1.50	0.00	0.00	0.384	0.000
L28 West Win (G.SSE9.E33.W1)	1.0	9.93	4.96	2.00	0.00	1.50	0.00	0.00	0.384	0.000
L28 East Win (G.N10.E35.W1)	1.0	128.35	5.35	24.00	0.00	1.50	0.00	0.00	0.384	0.000
L28 North Win (G.N10.E36.W1)	1.0	171.28	3.68	46.50	0.00	1.50	0.00	0.00	0.384	0.000
L28 West Win (G.N10.E37.W1)	1.0	104.21	4.96	21.00	0.00	1.50	0.00	0.00	0.384	0.000
L28 North Win (G.N10.E38.W1)	1.0	24.49	3.68	6.65	0.00	1.50	0.00	0.00	0.384	0.000
L28 West Win (G.N10.E39.W1)	1.0	63.52	4.96	12.80	0.00	1.50	0.00	0.00	0.384	0.000
L29 West Win (G.WNW1.E1.W1)	1.0	52.11	4.96	10.50	0.00	1.50	0.00	0.00	0.384	0.000

(Note: u-values include outside air film)

WINDOW NAME	MULTIPLIER	LOCATION OF ORIGIN								
		GLASS AREA	GLASS HEIGHT	GLASS WIDTH	IN SURFACE COORDINATES		FRAME AREA	CURB U-VALUE	FRAME U-VALUE	CURB U-VALUE
		(SQFT )	(FT)	(FT)	X (FT)	Y (FT)	(SQFT )	(BTU/HR-SQFT-F)	(BTU/HR-SQFT-F)	(BTU/HR-SQFT-F)
L29 North Win (G.WNW1.E2.W1)	1.0	7.92	3.68	2.15	0.00	1.50	0.00	0.00	0.384	0.000
L29 North Win (G.ENE2.E4.W1)	1.0	47.33	3.68	12.85	0.00	1.50	0.00	0.00	0.384	0.000
L29 West Win (G.ENE2.E5.W1)	1.0	44.66	4.96	9.00	0.00	1.50	0.00	0.00	0.384	0.000
L29 South Win (G.ENE2.E6.W1)	1.0	24.31	3.89	6.25	0.00	1.50	0.00	0.00	0.384	0.000
L29 South Win (G.ENE2.E7.W1)	1.0	18.67	3.89	4.80	0.00	1.50	0.00	0.00	0.384	0.000
L29 East Win (G.ENE2.E8.W1)	1.0	68.19	5.35	12.75	0.00	1.50	0.00	0.00	0.384	0.000
L29 West Win (G.ENE2.E9.W1)	1.0	3.97	4.96	0.80	0.00	1.50	0.00	0.00	0.384	0.000
L29 South Win (G.S3.E11.W1)	1.0	89.26	3.89	22.95	0.00	1.50	0.00	0.00	0.384	0.000
L29 South Win (G.SW5.E14.W1)	1.0	105.60	3.89	27.15	0.00	1.50	0.00	0.00	0.384	0.000
L29 East Win (G.SW5.E16.W1)	1.0	168.73	5.35	31.55	0.00	1.50	0.00	0.00	0.384	0.000
L29 West Win (G.SW5.E17.W1)	1.0	12.41	4.96	2.50	0.00	1.50	0.00	0.00	0.384	0.000
L29 North Win (G.SW5.E18.W1)	1.0	74.77	3.68	20.30	0.00	1.50	0.00	0.00	0.384	0.000
L29 West Win (G.SW5.E19.W1)	1.0	186.10	4.96	37.50	0.00	1.50	0.00	0.00	0.384	0.000
L29 South Win (G.E6.E21.W1)	1.0	35.78	3.89	9.20	0.00	1.50	0.00	0.00	0.384	0.000
L29 East Win (G.E6.E22.W1)	1.0	72.20	5.35	13.50	0.00	1.50	0.00	0.00	0.384	0.000
L29 North Win (G.E6.E23.W1)	1.0	10.13	3.68	2.75	0.00	1.50	0.00	0.00	0.384	0.000
L29 East Win (G.E6.E24.W1)	1.0	68.19	5.35	12.75	0.00	1.50	0.00	0.00	0.384	0.000
L29 North Win (G.E6.E25.W1)	1.0	23.76	3.68	6.45	0.00	1.50	0.00	0.00	0.384	0.000
L29 West Win (G.E6.E26.W1)	1.0	24.81	4.96	5.00	0.00	1.50	0.00	0.00	0.384	0.000
L29 East Win (G.SE7.E28.W1)	1.0	53.48	5.35	10.00	0.00	1.50	0.00	0.00	0.384	0.000
L29 South Win (G.SE7.E29.W1)	1.0	45.51	3.89	11.70	0.00	1.50	0.00	0.00	0.384	0.000
L29 North Win (G.NNW8.E31.W1)	1.0	108.66	3.68	29.50	0.00	1.50	0.00	0.00	0.384	0.000
L29 West Win (G.NNW8.E32.W1)	1.0	75.43	4.96	15.20	0.00	1.50	0.00	0.00	0.384	0.000
L29 East Win (G.N9.E34.W1)	1.0	8.02	5.35	1.50	0.00	1.50	0.00	0.00	0.384	0.000
L29 South Win (G.N9.E35.W1)	1.0	103.85	3.89	26.70	0.00	1.50	0.00	0.00	0.384	0.000
L29 East Win (G.N9.E36.W1)	1.0	102.68	5.35	19.20	0.00	1.50	0.00	0.00	0.384	0.000
L29 North Win (G.N9.E37.W1)	1.0	127.08	3.68	34.50	0.00	1.50	0.00	0.00	0.384	0.000
L29 West Win (G.N9.E38.W1)	1.0	102.73	4.96	20.70	0.00	1.50	0.00	0.00	0.384	0.000

WINDOW NAME	SETBACK (FT)	GLASS SHADING COEFF	NUMBER OF PANES	CENTER-OF- GLASS U-VALUE (BTU/HR-SQFT-F)	GLASS VISIBLE TRANS	GLASS SOLAR TRANS	SURFACE TO ROUGH OPEN AREA RATIO
L1 North Win (G.NW1.E2.W1)	0.00	0.31	1	0.318	0.421	0.878	1.000
L1 West Win (G.NW1.E3.W1)	0.00	0.31	1	0.318	0.421	0.878	1.000
L1 North Win (G.NW1.E4.W1)	0.00	0.31	1	0.318	0.421	0.878	1.000
L1 East Win (G.NW1.E5.W1)	0.00	0.31	1	0.318	0.421	0.878	1.000
L1 North Win (G.NW1.E6.W1)	0.00	0.31	1	0.318	0.421	0.878	1.000
L1 East Win (G.NNW2.E8.W1)	0.00	0.31	1	0.318	0.421	0.878	1.000
L1 North Win (G.NNW2.E9.W1)	0.00	0.31	1	0.318	0.421	0.878	1.000
L1 North Win (G.N14.E34.W1)	0.00	0.31	1	0.318	0.421	0.878	1.000
L1 North Win (G.N14.E35.W1)	0.00	0.31	1	0.318	0.421	0.878	1.000
L1 North Win (G.NW15.E37.W1)	0.00	0.31	1	0.318	0.421	0.878	1.000
L1 West Win (G.NW15.E38.W1)	0.00	0.31	1	0.318	0.421	0.878	1.000
L1 South Win (G.ENE18.E43.W1)	0.00	0.31	1	0.318	0.421	0.878	1.000
L1 South Win (G.ENE18.E44.W1)	0.00	0.31	1	0.318	0.421	0.878	1.000
L1 East Win (G.ENE18.E45.W1)	0.00	0.31	1	0.318	0.421	0.878	1.000
L1 North Win (G.ENE18.E46.W1)	0.00	0.31	1	0.318	0.421	0.878	1.000
L1 West Win (G.ENE18.E47.W1)	0.00	0.31	1	0.318	0.421	0.878	1.000
L1 South Win (G.S19.E50.W1)	0.00	0.31	1	0.318	0.421	0.878	1.000
L2 North Win (G.NE9.E20.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000



## REPORT- LV-H Details of Windows

WEATHER FILE- SEATTLE BOEING FI WA

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

WINDOW NAME	SETBACK (FT)	GLASS SHADING COEFF	NUMBER OF PANES	CENTER-OF- GLASS U-VALUE (BTU/HR-SQFT-F)	GLASS VISIBLE TRANS	GLASS SOLAR TRANS	SURFACE TO ROUGH OPEN AREA RATIO
L2 East Win (G.NE9.E21.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L2 East Win (G.SE10.E23.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L2 South Win (G.SE10.E24.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L4 East Win (G.W8.E8.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L4 North Win (G.W8.E9.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L4 West Win (G.W8.E10.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L4 South Win (G.W8.E11.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L4 West Win (G.W8.E12.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L4 North Win (G.W8.E13.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L4 West Win (G.W8.E14.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L4 South Win (G.S9.E16.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L4 East Win (G.E10.E18.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L4 North Win (G.E10.E19.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L4 East Win (G.E10.E20.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L4 South Win (G.E10.E21.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L4 East Win (G.E10.E22.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L4 North Win (G.E10.E23.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L4 East Win (G.N11.E25.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L4 North Win (G.N11.E26.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L4 West Win (G.N11.E27.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L4 North Win (G.N11.E28.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L4 East Win (G.N11.E29.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L4 North Win (G.N11.E30.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L4 West Win (G.N11.E31.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L4 North Win (G.N11.E32.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 South Win (G.W6.E6.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 East Win (G.W6.E7.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 South Win (G.W6.E8.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 West Win (G.W6.E9.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 South Win (G.W6.E10.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 North Win (G.W6.E11.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 West Win (G.W6.E12.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 North Win (G.W6.E13.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 East Win (G.W6.E14.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 North Win (G.W6.E15.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 West Win (G.W6.E16.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 East Win (G.S7.E18.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 South Win (G.S7.E19.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 West Win (G.S7.E20.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 South Win (G.S7.E21.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 East Win (G.S7.E22.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 South Win (G.S7.E23.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 West Win (G.S7.E24.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 South Win (G.S7.E25.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 East Win (G.S7.E26.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 South Win (G.S7.E27.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 West Win (G.S7.E28.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 South Win (G.S7.E29.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 North Win (G.S7.E30.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 South Win (G.S7.E31.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 South Win (G.ESE8.E33.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 East Win (G.ESE8.E34.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 North Win (G.ESE8.E35.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 East Win (G.ESE8.E36.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000

## REPORT- LV-H Details of Windows

WEATHER FILE- SEATTLE BOEING FI WA

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

WINDOW NAME	SETBACK (FT)	GLASS SHADING COEFF	NUMBER OF PANES	CENTER-OF- GLASS U-VALUE (BTU/HR-SQFT-F)	GLASS VISIBLE TRANS	GLASS SOLAR TRANS	SURFACE TO ROUGH OPEN AREA RATIO
L5 South Win (G.ESE8.E37.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 East Win (G.ESE8.E38.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 North Win (G.ENE9.E40.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 East Win (G.ENE9.E41.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 South Win (G.W10.E43.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 East Win (G.W10.E44.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 South Win (G.W10.E45.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 North Win (G.W10.E46.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 East Win (G.W10.E47.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 North Win (G.W10.E48.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 West Win (G.W10.E49.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 South Win (G.N11.E51.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 North Win (G.N11.E52.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 West Win (G.N11.E53.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 North Win (G.N11.E54.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 East Win (G.N11.E55.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 North Win (G.N11.E56.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 West Win (G.N11.E57.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 North Win (G.N11.E58.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 East Win (G.N11.E59.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 North Win (G.N11.E60.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 West Win (G.N11.E61.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 North Win (G.N11.E62.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 East Win (G.N11.E63.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 North Win (G.N11.E64.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 West Win (G.N11.E65.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 West Win (G.N11.E66.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L5 West Win (G.W12.E68.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L6 North Win (G.N4.E4.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L6 South Win (G.WSW5.E6.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L6 North Win (G.WSW5.E7.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L6 West Win (G.WSW5.E8.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L6 East Win (G.S6.E10.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L6 South Win (G.S6.E11.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L6 South Win (G.S6.E12.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L6 East Win (G.ESE7.E14.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L6 North Win (G.ESE7.E15.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L6 South Win (G.ESE7.E16.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L6 West Win (G.W8.E18.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L6 South Win (G.W8.E19.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L6 West Win (G.W8.E20.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L6 West Win (G.NW9.E22.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L6 North Win (G.NW9.E23.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L6 East Win (G.NE10.E25.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L6 North Win (G.NE10.E26.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L6 West Win (G.NW11.E28.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L6 North Win (G.NW11.E29.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L6 North Win (G.NE12.E31.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L6 East Win (G.NE12.E32.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L6 North Win (G.NE12.E33.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L6 East Win (G.NE12.E34.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L6 East Win (G.ESE13.E36.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L6 South Win (G.ESE13.E37.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L6 East Win (G.ESE13.E38.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000

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WEATHER FILE- SEATTLE BOEING FI WA

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

WINDOW NAME	SETBACK (FT)	GLASS SHADING COEFF	NUMBER OF PANES	CENTER-OF- GLASS U-VALUE (BTU/HR-SQFT-F)	GLASS VISIBLE TRANS	GLASS SOLAR TRANS	SURFACE TO ROUGH OPEN AREA RATIO
L7 North Win (G.N4.E1.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 South Win (G.WSW5.E2.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 North Win (G.WSW5.E3.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 West Win (G.WSW5.E4.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 East Win (G.S6.E5.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 South Win (G.S6.E6.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 South Win (G.S6.E7.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 East Win (G.ESE7.E8.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 North Win (G.ESE7.E9.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 South Win (G.ESE7.E10.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 West Win (G.W8.E11.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 South Win (G.W8.E12.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 West Win (G.W8.E13.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 East Win (G.NW9.E14.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 North Win (G.NW9.E15.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 West Win (G.NW9.E16.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 East Win (G.NE10.E17.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 North Win (G.NE10.E18.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 West Win (G.NE10.E19.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 North Win (G.NE10.E20.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 West Win (G.NW11.E21.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 North Win (G.NW11.E22.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 North Win (G.NE12.E23.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 East Win (G.NE12.E24.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 North Win (G.NE12.E25.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 East Win (G.NE12.E26.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 East Win (G.ESE13.E27.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 South Win (G.ESE13.E28.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L7 East Win (G.ESE13.E29.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 North Win (M.N19.E30.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 South Win (M.WSW20.E31.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 North Win (M.WSW20.E32.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 West Win (M.WSW20.E33.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 East Win (M.S21.E34.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 South Win (M.S21.E35.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 South Win (M.S21.E36.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 East Win (M.ESE22.E37.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 North Win (M.ESE22.E38.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 South Win (M.ESE22.E39.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 West Win (M.W23.E40.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 South Win (M.W23.E41.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 West Win (M.W23.E42.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 East Win (M.NW24.E43.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 North Win (M.NW24.E44.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 West Win (M.NW24.E45.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 East Win (M.NE25.E46.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 North Win (M.NE25.E47.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 West Win (M.NE25.E48.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 North Win (M.NE25.E49.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 West Win (M.NW26.E50.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 North Win (M.NW26.E51.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 North Win (M.NE27.E52.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 East Win (M.NE27.E53.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 North Win (M.NE27.E54.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000

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WEATHER FILE- SEATTLE BOEING FI WA

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WINDOW NAME	SETBACK (FT)	GLASS SHADING COEFF	NUMBER OF PANES	CENTER-OF- GLASS U-VALUE (BTU/HR-SQFT-F)	GLASS VISIBLE TRANS	GLASS SOLAR TRANS	SURFACE TO ROUGH OPEN AREA RATIO
L8 East Win (M.NE27.E55.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 East Win (M.ESE28.E56.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 South Win (M.ESE28.E57.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L8 East Win (M.ESE28.E58.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 North Win (T.N34.E62.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 South Win (T.WSW35.E64.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 North Win (T.WSW35.E65.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 West Win (T.WSW35.E66.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 East Win (T.S36.E68.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 South Win (T.S36.E69.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 South Win (T.S36.E70.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 East Win (T.ESE37.E72.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 North Win (T.ESE37.E73.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 South Win (T.ESE37.E74.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 West Win (T.W38.E76.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 South Win (T.W38.E77.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 West Win (T.W38.E78.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 East Win (T.NW39.E80.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 North Win (T.NW39.E81.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 West Win (T.NW39.E82.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 East Win (T.NE40.E84.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 North Win (T.NE40.E85.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 West Win (T.NE40.E86.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 North Win (T.NE40.E87.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 West Win (T.NW41.E89.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 North Win (T.NW41.E90.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 North Win (T.NE42.E92.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 East Win (T.NE42.E93.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 North Win (T.NE42.E94.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 East Win (T.NE42.E95.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 East Win (T.ESE43.E97.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 South Win (T.ESE43.E98.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L14 East Win (T.ESE43.E99.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L15 North Win (G.N4.E4.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L15 South Win (G.SW5.E6.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L15 East Win (G.SW5.E7.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L15 South Win (G.SW5.E8.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L15 North Win (G.SW5.E9.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L15 West Win (G.SW5.E10.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L15 West Win (G.W6.E12.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L15 South Win (G.W6.E13.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L15 West Win (G.W6.E14.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L15 East Win (G.NW7.E16.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L15 North Win (G.NW7.E17.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L15 West Win (G.NW7.E18.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L15 East Win (G.NE8.E20.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L15 North Win (G.NE8.E21.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L15 West Win (G.NE8.E22.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L15 North Win (G.NE8.E23.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L15 South Win (G.NE9.E25.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L15 East Win (G.NE9.E26.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L15 North Win (G.NE9.E27.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L15 West Win (G.NE9.E28.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L15 East Win (G.NE9.E29.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000

## REPORT- LV-H Details of Windows

WEATHER FILE- SEATTLE BOEING FI WA

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

WINDOW NAME	SETBACK (FT)	GLASS SHADING COEFF	NUMBER OF PANES	CENTER-OF- GLASS U-VALUE (BTU/HR-SQFT-F)	GLASS VISIBLE TRANS	GLASS SOLAR TRANS	SURFACE TO ROUGH OPEN AREA RATIO
L15 East Win (G.C10.E31.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L15 East Win (G.SSE12.E34.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L15 South Win (G.SSE12.E35.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 North Win (G.N4.E1.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 South Win (G.SW5.E2.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 East Win (G.SW5.E3.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 South Win (G.SW5.E4.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 North Win (G.SW5.E5.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 West Win (G.SW5.E6.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 West Win (G.W6.E7.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 South Win (G.W6.E8.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 West Win (G.W6.E9.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 East Win (G.NW7.E10.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 North Win (G.NW7.E11.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 West Win (G.NW7.E12.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 East Win (G.NE8.E13.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 North Win (G.NE8.E14.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 West Win (G.NE8.E15.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 North Win (G.NE8.E16.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 South Win (G.NNE9.E17.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 East Win (G.NNE9.E18.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 North Win (G.NNE9.E19.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 East Win (G.NNE9.E20.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 South Win (G.NNE9.E21.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 East Win (G.NNE9.E22.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 North Win (G.NNE9.E23.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 West Win (G.NNE9.E24.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 South Win (G.S12.E25.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 West Win (G.S12.E26.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 East Win (G.SE13.E27.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 South Win (G.SE13.E28.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 North Win (G.ENE14.E29.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 East Win (G.ENE14.E30.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L16 East Win (G.ENE14.E31.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 North Win (M.N19.E32.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 South Win (M.SW20.E33.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 East Win (M.SW20.E34.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 South Win (M.SW20.E35.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 North Win (M.SW20.E36.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 West Win (M.SW20.E37.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 West Win (M.W21.E38.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 South Win (M.W21.E39.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 West Win (M.W21.E40.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 East Win (M.NW22.E41.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 North Win (M.NW22.E42.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 West Win (M.NW22.E43.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 East Win (M.NE23.E44.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 North Win (M.NE23.E45.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 West Win (M.NE23.E46.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 North Win (M.NE23.E47.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 South Win (M.NNE24.E48.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 East Win (M.NNE24.E49.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 North Win (M.NNE24.E50.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 East Win (M.NNE24.E51.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000

## REPORT- LV-H Details of Windows

WEATHER FILE- SEATTLE BOEING FI WA

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

WINDOW NAME	SETBACK (FT)	GLASS SHADING COEFF	NUMBER OF PANES	CENTER-OF- GLASS U-VALUE (BTU/HR-SQFT-F)	GLASS VISIBLE TRANS	GLASS SOLAR TRANS	SURFACE TO ROUGH OPEN AREA RATIO
L17 South Win (M.NNE24.E52.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 East Win (M.NNE24.E53.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 North Win (M.NNE24.E54.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 West Win (M.NNE24.E55.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 South Win (M.S27.E56.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 West Win (M.S27.E57.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 East Win (M.SE28.E58.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 South Win (M.SE28.E59.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 North Win (M.ENE29.E60.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 East Win (M.ENE29.E61.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L17 East Win (M.ENE29.E62.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 North Win (T.N34.E66.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 South Win (T.SW35.E68.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 East Win (T.SW35.E69.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 South Win (T.SW35.E70.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 North Win (T.SW35.E71.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 West Win (T.SW35.E72.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 West Win (T.W36.E74.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 South Win (T.W36.E75.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 West Win (T.W36.E76.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 East Win (T.NW37.E78.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 North Win (T.NW37.E79.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 West Win (T.NW37.E80.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 East Win (T.NE38.E82.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 North Win (T.NE38.E83.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 West Win (T.NE38.E84.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 North Win (T.NE38.E85.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 South Win (T.NNE39.E87.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 East Win (T.NNE39.E88.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 North Win (T.NNE39.E89.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 East Win (T.NNE39.E90.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 South Win (T.NNE39.E91.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 East Win (T.NNE39.E92.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 North Win (T.NNE39.E93.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 West Win (T.NNE39.E94.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 South Win (T.S42.E98.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 West Win (T.S42.E99.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 East Win (T.SE43.E101.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 South Win (T.SE43.E102.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 North Win (T.ENE44.E104.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 East Win (T.ENE44.E105.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L27 East Win (T.ENE44.E106.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 North Win (G.N4.E4.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 South Win (G.SW5.E6.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 East Win (G.SW5.E7.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 South Win (G.SW5.E8.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 West Win (G.SW5.E9.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 South Win (G.SW5.E10.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 West Win (G.SW5.E11.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 North Win (G.SW5.E12.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 West Win (G.SW5.E13.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 North Win (G.NE6.E15.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 East Win (G.NE6.E16.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 South Win (G.NE6.E17.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000

## REPORT- LV-H Details of Windows

WEATHER FILE- SEATTLE BOEING FI WA

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

WINDOW NAME	SETBACK (FT)	GLASS SHADING COEFF	NUMBER OF PANES	CENTER-OF- GLASS U-VALUE (BTU/HR-SQFT-F)	GLASS VISIBLE TRANS	GLASS SOLAR TRANS	SURFACE TO ROUGH OPEN AREA RATIO
L28 East Win (G.NE6.E18.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 North Win (G.NE6.E19.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 East Win (G.NE6.E20.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 South Win (G.NE6.E21.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 East Win (G.NE6.E22.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 North Win (G.NE6.E23.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 West Win (G.NE6.E24.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 East Win (G.NE6.E25.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 South Win (G.SSE9.E29.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 East Win (G.SSE9.E30.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 South Win (G.SSE9.E31.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 East Win (G.SSE9.E32.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 West Win (G.SSE9.E33.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 East Win (G.N10.E35.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 North Win (G.N10.E36.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 West Win (G.N10.E37.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 North Win (G.N10.E38.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L28 West Win (G.N10.E39.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 West Win (G.WNW1.E1.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 North Win (G.WNW1.E2.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 North Win (G.ENE2.E4.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 West Win (G.ENE2.E5.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 South Win (G.ENE2.E6.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 South Win (G.ENE2.E7.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 East Win (G.ENE2.E8.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 West Win (G.ENE2.E9.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 South Win (G.S3.E11.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 South Win (G.SW5.E14.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 East Win (G.SW5.E16.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 West Win (G.SW5.E17.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 North Win (G.SW5.E18.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 West Win (G.SW5.E19.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 South Win (G.E6.E21.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 East Win (G.E6.E22.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 North Win (G.E6.E23.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 East Win (G.E6.E24.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 North Win (G.E6.E25.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 West Win (G.E6.E26.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 East Win (G.SE7.E28.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 South Win (G.SE7.E29.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 North Win (G.NNW8.E31.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 West Win (G.NNW8.E32.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 East Win (G.N9.E34.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 South Win (G.N9.E35.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 East Win (G.N9.E36.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 North Win (G.N9.E37.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000
L29 West Win (G.N9.E38.W1)	0.00	0.24	1	0.324	0.490	0.878	1.000