

Window, Skylight and Door Schedule

Project Information

Simpson Residence
6454 E Mercer Way
Mercer Island, WA 98004

Contact Information

Brad Sturman - Sturman Architects
9 103rd Ave NE Suite 203
Bellevue, WA 98040

	Ref.	U-factor	Width		Height		Area	UA
			Qt.	Feet	Inch	Feet		
Exempt Swinging Door (24 sq. ft. max.)							0.0	0.00
Exempt Glazed Fenestration (15 sq. ft. max.)							0.0	0.00

Vertical Fenestration (Windows and doors)

Component Description	Ref.	U-factor	Width		Height		Area	UA	
			Qt.	Feet	Inch	Feet			Inch
FIXED	A	0.28	1	3	0	5	0	15.0	4.20
AWNING	B	0.28	1	3	0	2	0	6.0	1.68
CASEMENT	C	0.28	5	3	0	4	0	60.0	16.80
FIXED TRANSOM	D	0.28	2	7	0	1	11	26.3	7.35
FIXED ASSEMBLY	E	0.28	1	7	0	3	6	24.5	6.86
FIXED	F	0.28	2	2	0	3	0	12.0	3.36
CASEMENT ASSEMBLY	G	0.28	2	5	8	4	0	45.3	12.69
CASEMENT ASSEMBLY	H	0.28	1	6	0	4	6	27.0	7.56
TRANSOM ASSEMBLY	I	0.28	2	8	0	2	0	32.0	8.96
FIXED	J	0.28	2	3	6	5	6	38.5	10.78
FIXED	K	0.28	1	5	0	5	6	27.5	7.70
SINGLE HUNG ASSEMBLY	L	0.28	2	6	0	5	0	60.0	16.80
TRANSOM ASSEMBLY	M	0.28	2	6	0	1	6	18.0	5.04
FIXED	N	0.28	1	2	0	2	0	4.0	1.12
SIDELIGHT	O	0.28	2	1	9	8	0	28.0	7.84
TRANSOM ASSEMBLY	P	0.28	1	6	0	4	6	27.0	7.56
FIXED	Q	0.28	2	3	3	7	3	47.1	13.20
FIXED	R	0.28	1	4	12	7	3	35.9	10.07
FIXED ASSEMBLY	S	0.28	2	7	10	1	6	23.5	6.58
FIXED	T	0.28	2	3	0	5	0	30.0	8.40
FIXED	U	0.28	2	3	0	4	6	27.0	7.56
FIXED ASSEMBLY	V	0.28	3	6	0	4	0	72.0	20.16
CASEMENT ASSEMBLY	W	0.28	1	6	0	5	0	30.0	8.40
FIXED	X	0.28	2	3	0	3	6	21.0	5.88
CASEMENT	Y	0.28	1	2	6	2	6	6.3	1.75
CASEMENT	Z	0.28	1	2	0	3	0	6.0	1.68
FIXED	AA	0.28	1	3	0	3	3	9.8	2.73
FIXED	AB	0.28	1	3	10	4	6	17.3	4.83
FIXED	AC	0.28	1	3	8	4	6	16.5	4.62
FIXED ASSEMBLY	AD	0.28	1	3	0	7	3	21.8	6.09
								0.0	0.00
ENTRY DOOR	001	0.28	1	7	0	9	0	63.0	17.64
LIFT & SLIDE	006	0.28	1	16	0	9	0	144.0	40.32
FRENCH DOOR	007	0.28	1	6	0	8	0	48.0	13.44
GARAGE DOOR	011	0.28	1	3	0	8	0	24.0	6.72

GARAGE DOOR	016	0.28
FRENCH DOOR	017	0.28
FRENCH DOOR	100	0.28
BALCONY DOOR	111	0.28
BALCONY DOOR	112	0.28
FRENCH DOOR	122	0.28

1	2	6	8	0
1	7	0	8	0
1	7	0	8	0
1	8	0	7	0
1	8	0	7	0
1	7	0	8	0

20.0	5.60
56.0	15.68
56.0	15.68
56.0	15.68
56.0	15.68
56.0	15.68
0.0	0.00

*Sum of Vertical Fenestration Area and UA
Vertical Fenestration Area Weighted U = UA/Area*

1394.2	390.36
	0.28

Overhead Glazing (Skylights)

Component Description	Ref.	U-factor
Skylight1	1	0.28
Skylight 2	2	0.28

Qt.	Width Feet	Height Feet	Inch	Inch
1	2	4	0	0
1	2	4	0	0

Area	UA
8.0	2.24
8.0	2.24
0.0	0.00
0.0	0.00
0.0	0.00
0.0	0.00

*Sum of Overhead Glazing Area and UA
Overhead Glazing Area Weighted U = UA/Area*

16.0	4.48
	0.28

Total Sum of Fenestration Area and UA (for heating system sizing calculations)

1410.2	394.84
--------	--------