

Window, Skylight and Door Schedule

Project Information

GIOLA // ALDEHAYYAT RESIDENCE
2969 74TH AVE. SE
MERCER ISLAND, WA 98040

Contact Information

KELLEN WHITE // LANE WILLIAMS ARCHITECTS
KELLEN@LANEWILLIAMS.COM // 206.284.8355

	Ref.	U-factor	Width		Height		Area	UA
			Qt.	Feet ⁰ Inch ⁶	Feet ⁸ Inch ^{5.8}			
Exempt Swinging Door (24 sq. ft. max.)		0.40	1	3	8		29.7	11.87
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 ⁰ Inch ^{8.5}	Feet ⁸ Inch ^{6.8}			
A		0.21	1	1	8	6.8	14.6	3.07
B1		0.21	1	6	5	9	34.5	7.25
B2		0.27	1	2	5	9	12.5	3.36
BA1		0.21	1	3	4	6.8	13.7	2.87
BA2		0.27	1	2	4	6.8	9.9	2.67
BA3		0.21	1	4	5	1.3	22.1	4.64
BA4		0.27	1	2	5	1.3	11.1	2.99
BA5		0.27	1	2	5	1.3	10.2	2.76
BA6		0.27	1	2	5	1.3	12.8	3.45
BA7		0.27	1	2	5	1.3	11.1	2.99
BA8		0.21	1	3	5	1.3	16.6	3.48
C1		0.21	1	4	5	9	24.9	5.23
C2		0.27	1	2	5	9	12.5	3.36
D		0.27	1	2	5	2	12.9	3.49
E		0.21	1	7	5	2	37.0	7.78
F1		0.27	1	3	6	0	18.0	4.86
F2		0.21	1	3	2	6.8	7.7	1.61
G		0.21	1	4	8	6.8	34.3	7.19
H		0.21	1	4	8	6.8	34.3	7.19
I1		0.21	1	5	5	9	33.5	7.04
I2		0.27	1	2	5	9	12.5	3.36
J1		0.27	1	2	5	3	11.4	3.07
J2		0.21	1	7	5	3	39.4	8.27
J3		0.27	1	2	5	3	11.4	3.07
K1		0.27	1	2	5	3	11.4	3.07
K2		0.21	1	6	5	3	34.3	7.21
K3		0.27	1	2	5	3	11.4	3.07
M		0.27	2	4	8	6	73.7	19.89
N1		0.21	1	5	7	7	40.4	8.49
N2		0.28	1	2	7	7	22.4	6.28
O1		0.21	1	2	7	7.5	22.2	4.67
O2		0.21	1	2	7	7.5	22.2	4.67
P1		0.21	1	4	5	3	25.4	5.33
P2		0.27	1	2	5	3	11.4	3.07
Q		0.27	1	2	4	10	10.5	2.83
R1		0.21	1	3	9	0	29.6	6.22
R2		0.21	1	3	2	7	8.5	1.79
R3		0.21	1	3	3	11	12.8	2.69
1B		0.40	1	3	8	1.8	25.8	10.32
2		0.40	1	15	8	6.8	134.9	53.94
3		0.40	1	6	7	7.5	47.0	18.81
							0.0	0.00

Sum of Vertical Fenestration Area and UA	1002.6	267.42
Vertical Fenestration Area Weighted U = UA/Area		0.27

Overhead Glazing (Skylights)

Component Description	Ref.	U-factor	Width		Height		Area	UA
			Qt.	Feet ⁰ Inch	Feet Inch			
							0.0	0.00
							0.0	0.00
							0.0	0.00
							0.0	0.00
							0.0	0.00
							0.0	0.00

Sum of Overhead Glazing Area and UA	0.0	0.00
Overhead Glazing Area Weighted U = UA/Area		0.00

Total Sum of Fenestration Area and UA (for heating system sizing calculations)	1032.2	279.29
---	---------------	---------------