

Window, Skylight and Door Schedule

Project Information

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| Yusen Residence |
| 3246 72nd PI SE |
| Mercer Island, WA 98004 |

Contact Information

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| | 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 |
| CASEMENT | A | 0.25 | 6 | 2 | ⁶ | 4 | ⁶ | 67.5 | 16.88 |
| FIXED | B | 0.25 | 2 | 2 | ³ | 4 | ⁶ | 20.3 | 5.06 |
| FIXED | C | 0.25 | 2 | 3 | ⁶ | 4 | ⁶ | 31.5 | 7.88 |
| CASEMENT | D | 0.25 | 13 | 2 | ⁶ | 5 | ⁰ | 162.5 | 40.63 |
| FIXED | E | 0.25 | 2 | 2 | ⁶ | 5 | ⁰ | 25.0 | 6.25 |
| FIXED | F | 0.25 | 2 | 7 | ⁶ | 2 | ⁰ | 30.0 | 7.50 |
| FIXED | G | 0.25 | 1 | 1 | ³ | 1 | ³ | 1.6 | 0.39 |
| FIXED | H | 0.25 | 2 | 2 | ³ | 8 | ⁰ | 36.0 | 9.00 |
| FIXED | I | 0.25 | 1 | 4 | ⁰ | 3 | ⁰ | 12.0 | 3.00 |
| FIXED | J | 0.25 | 1 | 2 | ³ | 2 | ⁹ | 6.2 | 1.55 |
| FIXED | J1 | 0.25 | 1 | 2 | ³ | 2 | ⁹ | 6.2 | 1.55 |
| FIXED | K | 0.25 | 2 | 3 | ⁰ | 3 | ⁵ | 20.5 | 5.13 |
| FIXED | L | 0.25 | 2 | 3 | ⁶ | 5 | ⁰ | 35.0 | 8.75 |
| FIXED | M | 0.25 | 2 | 3 | ⁶ | 5 | ⁶ | 38.5 | 9.63 |
| FIXED | N | 0.25 | 11 | 2 | ⁰ | 2 | ⁰ | 44.0 | 11.00 |
| FIXED | O | 0.25 | 1 | 2 | ⁶ | 4 | ⁶ | 11.3 | 2.81 |
| SLIDER | P | 0.25 | 2 | 5 | ⁰ | 5 | ⁰ | 50.0 | 12.50 |
| FIXED | Q | 0.25 | 2 | 2 | ⁰ | 8 | ⁰ | 32.0 | 8.00 |
| FIXED | R | 0.25 | 2 | 1 | ⁹ | 8 | ⁰ | 28.0 | 7.00 |
| FIXED | S | 0.25 | 3 | 6 | ⁶ | 2 | ⁰ | 39.0 | 9.75 |
| FIXED | T | 0.25 | 1 | 6 | ⁰ | 2 | ⁰ | 12.0 | 3.00 |
| CASEMENT | U | 0.25 | 3 | 3 | ⁰ | 5 | ⁰ | 45.0 | 11.25 |
| FIXED | V | 0.25 | 1 | 1 | ⁶ | 1 | ⁶ | 2.3 | 0.56 |
| FIXED | W | 0.25 | 1 | 3 | ⁰ | 2 | ⁰ | 6.0 | 1.50 |
| FIXED | X | 0.25 | 2 | 4 | ⁰ | 5 | ⁰ | 40.0 | 10.00 |
| FIXED | Y | 0.25 | 1 | 2 | ⁶ | 2 | ⁰ | 5.0 | 1.25 |
| | | | | | | | | 0.0 | 0.00 |
| ENTRY | 101 | 0.25 | 1 | 3 | ⁶ | 8 | ⁰ | 28.0 | 7.00 |
| BREEZEWAY | 103 | 0.25 | 1 | 3 | ⁰ | 8 | ⁰ | 24.0 | 6.00 |
| FRANKIE'S BED | 110 | 0.25 | 1 | 6 | ⁰ | 8 | ⁰ | 48.0 | 12.00 |
| LIVING | 111 | 0.25 | 1 | 6 | ⁶ | 8 | ⁰ | 52.0 | 13.00 |
| LIVING | 112 | 0.25 | 1 | 6 | ⁶ | 8 | ⁰ | 52.0 | 13.00 |
| KITCHEN | 113 | 0.25 | 1 | 6 | ⁰ | 8 | ⁰ | 48.0 | 12.00 |

| | | |
|-------------|-----|------|
| MUD RM | 118 | 0.25 |
| PRIMARY BED | 203 | 0.25 |
| | | |
| | | |
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| | | |

| | | | | |
|---|---|---|---|---|
| 1 | 2 | 8 | 8 | 0 |
| 1 | 6 | 0 | 8 | 0 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| | |
|------|-------|
| 21.3 | 5.33 |
| 48.0 | 12.00 |
| 0.0 | 0.00 |
| 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 Vertical Fenestration Area and UA
Vertical Fenestration Area Weighted U = UA/Area

| | |
|--------|--------|
| 1128.5 | 282.13 |
| | 0.25 |

Overhead Glazing (Skylights)

| Component Description | Ref. | U-factor |
|-----------------------|------|----------|
| SKYLIGHT | | 0.50 |
| SKYLIGHT | | 0.50 |
| | | |
| | | |
| | | |
| | | |

| Qt. | Width | | Height | |
|-----|-------|------|--------|------|
| | Feet | Inch | Feet | Inch |
| 4 | 2 | | 4 | |
| 1 | 2 | | 2 | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| Area | UA |
|------|-------|
| 32.0 | 16.00 |
| 4.0 | 2.00 |
| 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

| | |
|------|-------|
| 36.0 | 18.00 |
| | 0.50 |

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

| | |
|--------|--------|
| 1164.5 | 300.13 |
|--------|--------|