eQUEST 3.65 Residential Multi Family Tem                    DOE-2.3-50h    1/13/2023    10:20:00  BDL RUN  7

REPORT- LV-H Details of Windows                                        WEATHER FILE- SEATTLE BOEING FI WA
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NUMBER OF WINDOWS 593

(Note: u-values include outside air film)

| | | | | | LOCATION OF ORIGIN | | | | | |
| | | GLASS | GLASS | GLASS | IN SURFACE | | FRAME | CURB | FRAME | CURB |
| WINDOW | | AREA | HEIGHT | WIDTH | COORDINATES | | AREA | | U-VALUE | |
| NAME | MULTIPLIER | (SQFT ) | (FT) | (FT) | X (FT) | Y (FT) | (SQFT ) | | (BTU/HR-SQFT-F) | |
|---|---|---|---|---|---|---|---|---|---|---|
| Window 593 | 1.0 | 56.61 | 3.54 | 16.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| Window 592 | 1.0 | 300.72 | 3.54 | 85.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| Window 591 | 1.0 | 70.76 | 3.54 | 20.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L1 North Win (G.C4.E3.W1) | 1.0 | 12.38 | 3.54 | 3.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L1 North Win (G.N5.E4.W1) | 1.0 | 325.49 | 3.54 | 92.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L1 South Win (G.E6.E5.W1) | 1.0 | 57.60 | 3.60 | 16.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L1 East Win (G.E6.E6.W1) | 1.0 | 95.19 | 3.28 | 29.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L1 North Win (G.E6.E7.W1) | 1.0 | 70.76 | 3.54 | 20.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L1 North Win (G.W7.E9.W1) | 1.0 | 79.60 | 3.54 | 22.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L1 West Win (G.W7.E10.W1) | 1.0 | 73.51 | 2.16 | 34.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L1 West Win (G.W8.E11.W1) | 1.0 | 32.43 | 2.16 | 15.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L1 East Win (G.E9.E12.W1) | 1.0 | 59.09 | 3.28 | 18.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L1 East Win (G.E10.E13.W1) | 1.0 | 91.91 | 3.28 | 28.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L1 North Win (G.E10.E14.W1) | 1.0 | 74.30 | 3.54 | 21.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L1 South Win (G.E10.E15.W1) | 1.0 | 64.81 | 3.60 | 18.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L1 South Win (G.S11.E16.W1) | 1.0 | 309.63 | 3.60 | 86.00 | 0.00 | 0.10 | 0.00 | 0.00 | 0.384 | 0.000 |
| L1 North Win (G.S17.E24.W1) | 1.0 | 265.27 | 7.07 | 37.50 | 0.00 | 1.00 | 0.00 | 0.00 | 0.384 | 0.000 |
| L1 East Win (G.S17.E25.W1) | 1.0 | 7.07 | 7.07 | 1.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.384 | 0.000 |
| L1 East Win (G.E19.E27.W1) | 1.0 | 93.55 | 3.28 | 28.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L1 East Win (G.NNE24.E30.W1) | 1.0 | 60.73 | 3.28 | 18.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L1 West Win (G.WNW27.E37.W1) | 1.0 | 40.00 | 2.16 | 18.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L1 North Win (G.WNW27.E39.W1) | 1.0 | 74.30 | 3.54 | 21.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L1 North Win (G.N28.E42.W1) | 1.0 | 183.97 | 3.54 | 52.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L1 East Win (G.E29.E45.W1) | 1.0 | 80.42 | 3.28 | 24.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L1 North Win (G.E29.E46.W1) | 1.0 | 60.14 | 3.54 | 17.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L2 North Win (G.C3.E1.W1) | 1.0 | 12.38 | 3.54 | 3.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L2 North Win (G.N4.E2.W1) | 1.0 | 35.38 | 3.54 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L2 East Win (G.N4.E3.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L2 North Win (G.N4.E4.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L2 West Win (G.N4.E5.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L2 North Win (G.N4.E6.W1) | 1.0 | 35.38 | 3.54 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L2 East Win (G.N4.E7.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L2 North Win (G.N4.E8.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L2 West Win (G.N4.E9.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L2 North Win (G.N4.E10.W1) | 1.0 | 35.38 | 3.54 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L2 East Win (G.N4.E11.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L2 North Win (G.N4.E12.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L2 West Win (G.N4.E13.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L2 North Win (G.N4.E14.W1) | 1.0 | 35.38 | 3.54 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L2 East Win (G.N4.E15.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L2 North Win (G.N4.E16.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L2 West Win (G.N4.E17.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L2 South Win (G.E5.E18.W1) | 1.0 | 79.21 | 3.60 | 22.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L2 East Win (G.E5.E19.W1) | 1.0 | 111.61 | 3.28 | 34.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L2 North Win (G.E5.E20.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L2 East Win (G.E5.E21.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L2 North Win (G.E5.E22.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L2 West Win (G.E5.E23.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L2 North Win (G.W6.E25.W1) | 1.0 | 79.60 | 3.54 | 22.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |

eQUEST 3.65 Residential Multi Family Tem                                          DOE-2.3-50h    1/13/2023    10:20:00  BDL RUN  7

REPORT- LV-H Details of Windows                                                   WEATHER FILE- SEATTLE BOEING FI WA
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(Note: u-values include outside air film)

|                              |            | GLASS  | GLASS  | GLASS | LOCATION OF ORIGIN IN SURFACE COORDINATES | | FRAME  | CURB   | FRAME   | CURB   |
| WINDOW                       |            | AREA   | HEIGHT | WIDTH |          |          | AREA   |        | U-VALUE |        |
| NAME                         | MULTIPLIER | (SQFT )| (FT)   | (FT)  | X (FT)   | Y (FT)   | (SQFT )|        | (BTU/HR-SQFT-F) | |
|------------------------------|------------|--------|--------|-------|----------|----------|--------|--------|---------|--------|
| L2 West Win (G.W6.E26.W1)    | 1.0        | 73.51  | 2.16   | 34.00 | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 West Win (G.W7.E27.W1)    | 1.0        | 32.43  | 2.16   | 15.00 | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 East Win (G.E8.E28.W1)    | 1.0        | 55.80  | 3.28   | 17.00 | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 East Win (G.E9.E29.W1)    | 1.0        | 91.91  | 3.28   | 28.00 | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 North Win (G.E9.E30.W1)   | 1.0        | 74.30  | 3.54   | 21.00 | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 East Win (G.E9.E31.W1)    | 1.0        | 3.28   | 3.28   | 1.00  | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 South Win (G.E9.E32.W1)   | 1.0        | 64.81  | 3.60   | 18.00 | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 West Win (G.S10.E33.W1)   | 1.0        | 8.65   | 2.16   | 4.00  | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 South Win (G.S10.E34.W1)  | 1.0        | 75.61  | 3.60   | 21.00 | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 East Win (G.S10.E35.W1)   | 1.0        | 13.13  | 3.28   | 4.00  | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 South Win (G.S10.E36.W1)  | 1.0        | 46.80  | 3.60   | 13.00 | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 West Win (G.S10.E37.W1)   | 1.0        | 8.65   | 2.16   | 4.00  | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 South Win (G.S10.E38.W1)  | 1.0        | 79.21  | 3.60   | 22.00 | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 East Win (G.S10.E39.W1)   | 1.0        | 13.13  | 3.28   | 4.00  | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 South Win (G.S10.E40.W1)  | 1.0        | 46.80  | 3.60   | 13.00 | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 West Win (G.S10.E41.W1)   | 1.0        | 8.65   | 2.16   | 4.00  | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 South Win (G.S10.E42.W1)  | 1.0        | 79.21  | 3.60   | 22.00 | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 East Win (G.S10.E43.W1)   | 1.0        | 13.13  | 3.28   | 4.00  | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 South Win (G.S10.E44.W1)  | 1.0        | 21.60  | 3.60   | 6.00  | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 South Win (G.S10.E45.W1)  | 1.0        | 36.00  | 3.60   | 10.00 | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 West Win (G.SSW12.E46.W1) | 1.0        | 49.52  | 7.07   | 7.00  | 0.00     | 1.00     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 South Win (G.SSW12.E47.W1)| 1.0        | 99.03  | 7.07   | 14.00 | 0.00     | 1.00     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 North Win (G.SSW12.E48.W1)| 1.0        | 265.27 | 7.07   | 37.50 | 0.00     | 1.00     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 East Win (G.SSW12.E49.W1) | 1.0        | 7.07   | 7.07   | 1.00  | 0.00     | 1.00     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 South Win (G.SSW12.E50.W1)| 1.0        | 212.22 | 7.07   | 30.00 | 0.00     | 1.00     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 South Win (G.SSW12.E51.W1)| 1.0        | 35.37  | 7.07   | 5.00  | 0.00     | 1.00     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 North Win (G.E14.E53.W1)  | 1.0        | 12.38  | 3.54   | 3.50  | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 East Win (G.E14.E54.W1)   | 1.0        | 26.26  | 3.28   | 8.00  | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 East Win (G.E14.E55.W1)   | 1.0        | 182.18 | 3.28   | 55.50 | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 North Win (G.WNW18.E57.W1)| 1.0        | 23.00  | 3.54   | 6.50  | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 East Win (G.WNW18.E58.W1) | 1.0        | 16.41  | 3.28   | 5.00  | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 North Win (G.WNW18.E59.W1)| 1.0        | 38.92  | 3.54   | 11.00 | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 West Win (G.WNW18.E60.W1) | 1.0        | 10.81  | 2.16   | 5.00  | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 North Win (G.WNW18.E61.W1)| 1.0        | 24.77  | 3.54   | 7.00  | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 East Win (G.WNW18.E62.W1) | 1.0        | 16.41  | 3.28   | 5.00  | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 North Win (G.WNW18.E63.W1)| 1.0        | 67.22  | 3.54   | 19.00 | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 West Win (G.WNW18.E64.W1) | 1.0        | 65.94  | 2.16   | 30.50 | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 North Win (G.N19.E65.W1)  | 1.0        | 23.00  | 3.54   | 6.50  | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 East Win (G.N19.E66.W1)   | 1.0        | 16.41  | 3.28   | 5.00  | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 North Win (G.N19.E67.W1)  | 1.0        | 38.92  | 3.54   | 11.00 | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 West Win (G.N19.E68.W1)   | 1.0        | 10.81  | 2.16   | 5.00  | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 North Win (G.N19.E69.W1)  | 1.0        | 23.00  | 3.54   | 6.50  | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 East Win (G.N19.E70.W1)   | 1.0        | 16.41  | 3.28   | 5.00  | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 North Win (G.N19.E71.W1)  | 1.0        | 37.15  | 3.54   | 10.50 | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 West Win (G.N19.E72.W1)   | 1.0        | 10.81  | 2.16   | 5.00  | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 South Win (G.SW20.E73.W1) | 1.0        | 275.88 | 7.07   | 39.00 | 0.00     | 1.00     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 East Win (G.SW20.E74.W1)  | 1.0        | 88.42  | 7.07   | 12.50 | 0.00     | 1.00     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 South Win (G.SW20.E75.W1) | 1.0        | 56.59  | 7.07   | 8.00  | 0.00     | 1.00     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 West Win (G.SW20.E76.W1)  | 1.0        | 583.60 | 7.07   | 82.50 | 0.00     | 1.00     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 South Win (G.E23.E77.W1)  | 1.0        | 84.61  | 3.60   | 23.50 | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 East Win (G.E23.E78.W1)   | 1.0        | 106.68 | 3.28   | 32.50 | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |
| L2 North Win (G.E23.E79.W1)  | 1.0        | 26.53  | 3.54   | 7.50  | 0.00     | 3.12     | 0.00   | 0.00   | 0.384   | 0.000  |

eQUEST 3.65 Residential Multi Family Tem                                          DOE-2.3-50h    1/13/2023   10:20:00  BDL RUN  7

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 X (FT) | Y (FT) | FRAME AREA (SQFT ) | CURB | FRAME U-VALUE (BTU/HR-SQFT-F) | CURB |
|---|---|---|---|---|---|---|---|---|---|---|
| L2 East Win (G.E23.E80.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L2 North Win (G.E23.E81.W1) | 1.0 | 38.92 | 3.54 | 11.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L2 West Win (G.E23.E82.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L2 South Win (G.S27.E88.W1) | 1.0 | 84.89 | 7.07 | 12.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 North Win (G.N3.E1.W1) | 1.0 | 145.05 | 3.54 | 41.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 East Win (G.N3.E2.W1) | 1.0 | 3.28 | 3.28 | 1.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 North Win (G.N4.E3.W1) | 1.0 | 35.38 | 3.54 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 East Win (G.N4.E4.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 North Win (G.N4.E5.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.N4.E6.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 North Win (G.N4.E7.W1) | 1.0 | 35.38 | 3.54 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 East Win (G.N4.E8.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 North Win (G.N4.E9.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.N4.E10.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 North Win (G.N4.E11.W1) | 1.0 | 35.38 | 3.54 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 East Win (G.N4.E12.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 North Win (G.N4.E13.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.N4.E14.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 North Win (G.N4.E15.W1) | 1.0 | 35.38 | 3.54 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 East Win (G.N4.E16.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 North Win (G.N4.E17.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.N4.E18.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 South Win (G.E5.E19.W1) | 1.0 | 79.21 | 3.60 | 22.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 East Win (G.E5.E20.W1) | 1.0 | 111.61 | 3.28 | 34.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 North Win (G.E5.E21.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 East Win (G.E5.E22.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 North Win (G.E5.E23.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.E5.E24.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 North Win (G.W6.E26.W1) | 1.0 | 79.60 | 3.54 | 22.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.W6.E27.W1) | 1.0 | 73.51 | 2.16 | 34.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.W7.E28.W1) | 1.0 | 32.43 | 2.16 | 15.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 East Win (G.E8.E29.W1) | 1.0 | 55.80 | 3.28 | 17.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 South Win (G.E9.E30.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.E9.E31.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 South Win (G.E9.E32.W1) | 1.0 | 52.20 | 3.60 | 14.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 East Win (G.E9.E33.W1) | 1.0 | 128.02 | 3.28 | 39.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 North Win (G.E9.E34.W1) | 1.0 | 77.83 | 3.54 | 22.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.S10.E35.W1) | 1.0 | 17.30 | 2.16 | 8.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 South Win (G.S10.E36.W1) | 1.0 | 7.20 | 3.60 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 East Win (G.S10.E37.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 South Win (G.S10.E38.W1) | 1.0 | 12.60 | 3.60 | 3.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.S10.E39.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 South Win (G.S10.E40.W1) | 1.0 | 46.80 | 3.60 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 East Win (G.S10.E41.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 South Win (G.S10.E42.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.S10.E43.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 South Win (G.S10.E44.W1) | 1.0 | 46.80 | 3.60 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 East Win (G.S10.E45.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 South Win (G.S10.E46.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.S10.E47.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 South Win (G.S10.E48.W1) | 1.0 | 46.80 | 3.60 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 East Win (G.S10.E49.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |

eQUEST 3.65 Residential Multi Family Tem                                      DOE-2.3-50h    1/13/2023    10:20:00  BDL RUN  7

REPORT- LV-H Details of Windows                                              WEATHER FILE- SEATTLE BOEING FI WA
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(Note: u-values include outside air film)

| | | | | | LOCATION OF ORIGIN | | | | | |
| | | GLASS | GLASS | GLASS | IN SURFACE | | FRAME | CURB | FRAME | CURB |
| WINDOW | | AREA | HEIGHT | WIDTH | COORDINATES | | AREA | | U-VALUE | |
| NAME | MULTIPLIER | (SQFT ) | (FT) | (FT) | X (FT) | Y (FT) | (SQFT ) | | (BTU/HR-SQFT-F) | |
| L3 South Win (G.S10.E50.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.S10.E51.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 South Win (G.S10.E52.W1) | 1.0 | 45.00 | 3.60 | 12.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 East Win (G.S10.E53.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 South Win (G.S10.E54.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.S10.E55.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 South Win (G.S10.E56.W1) | 1.0 | 46.80 | 3.60 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 East Win (G.S10.E57.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 South Win (G.S10.E58.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.S10.E59.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 South Win (G.S10.E60.W1) | 1.0 | 46.80 | 3.60 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 East Win (G.S10.E61.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 South Win (G.S10.E62.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.S10.E63.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 South Win (G.S10.E64.W1) | 1.0 | 45.00 | 3.60 | 12.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 East Win (G.S10.E65.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 North Win (G.E13.E67.W1) | 1.0 | 12.38 | 3.54 | 3.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 East Win (G.E13.E68.W1) | 1.0 | 26.26 | 3.28 | 8.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 East Win (G.E13.E69.W1) | 1.0 | 182.18 | 3.28 | 55.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 South Win (G.NW17.E70.W1) | 1.0 | 12.60 | 3.60 | 3.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.NW17.E71.W1) | 1.0 | 15.13 | 2.16 | 7.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 North Win (G.NW17.E72.W1) | 1.0 | 24.77 | 3.54 | 7.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 East Win (G.NW17.E73.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 North Win (G.NW17.E74.W1) | 1.0 | 67.22 | 3.54 | 19.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.NW17.E75.W1) | 1.0 | 65.94 | 2.16 | 30.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 North Win (G.N18.E76.W1) | 1.0 | 23.00 | 3.54 | 6.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 East Win (G.N18.E77.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 North Win (G.N18.E78.W1) | 1.0 | 38.92 | 3.54 | 11.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.N18.E79.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 North Win (G.N18.E80.W1) | 1.0 | 23.00 | 3.54 | 6.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 East Win (G.N18.E81.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 North Win (G.N18.E82.W1) | 1.0 | 37.15 | 3.54 | 10.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.N18.E83.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 North Win (G.N18.E84.W1) | 1.0 | 23.00 | 3.54 | 6.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 East Win (G.N18.E85.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 North Win (G.N18.E86.W1) | 1.0 | 38.92 | 3.54 | 11.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.N18.E87.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 South Win (G.E19.E88.W1) | 1.0 | 84.61 | 3.60 | 23.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 East Win (G.E19.E89.W1) | 1.0 | 106.68 | 3.28 | 32.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 North Win (G.E19.E90.W1) | 1.0 | 26.53 | 3.54 | 7.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 East Win (G.E19.E91.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 North Win (G.E19.E92.W1) | 1.0 | 38.92 | 3.54 | 11.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.E19.E93.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 North Win (G.W21.E94.W1) | 1.0 | 17.69 | 3.54 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.W21.E95.W1) | 1.0 | 22.70 | 2.16 | 10.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 South Win (G.W21.E96.W1) | 1.0 | 18.00 | 3.60 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.W21.E97.W1) | 1.0 | 21.62 | 2.16 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 North Win (G.W21.E98.W1) | 1.0 | 17.69 | 3.54 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.W21.E99.W1) | 1.0 | 63.78 | 2.16 | 29.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 South Win (G.W21.E100.W1) | 1.0 | 18.00 | 3.60 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.W21.E101.W1) | 1.0 | 20.54 | 2.16 | 9.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 North Win (G.W21.E102.W1) | 1.0 | 17.69 | 3.54 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |

eQUEST 3.65 Residential Multi Family Tem                                    DOE-2.3-50h    1/13/2023    10:20:00  BDL RUN  7

REPORT- LV-H Details of Windows                                             WEATHER FILE- SEATTLE BOEING FI WA
--------------------------------------------------------------------------------------------------------------------(CONTINUED)--------

(Note: u-values include outside air film)

|  |  |  |  |  | LOCATION OF ORIGIN | | | | | |
| WINDOW | | GLASS AREA | GLASS HEIGHT | GLASS WIDTH | IN SURFACE COORDINATES | | FRAME AREA | CURB | FRAME U-VALUE | CURB |
| NAME | MULTIPLIER | (SQFT ) | (FT) | (FT) | X (FT) | Y (FT) | (SQFT ) | | (BTU/HR-SQFT-F) | |
| L3 West Win (G.W21.E103.W1) | 1.0 | 21.62 | 2.16 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.W21.E104.W1) | 1.0 | 12.97 | 2.16 | 6.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 South Win (G.SW22.E105.W1) | 1.0 | 91.81 | 3.60 | 25.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.SW22.E106.W1) | 1.0 | 15.13 | 2.16 | 7.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 South Win (G.SW22.E107.W1) | 1.0 | 27.00 | 3.60 | 7.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 West Win (G.SW22.E108.W1) | 1.0 | 58.37 | 2.16 | 27.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 East Win (G.S24.E109.W1) | 1.0 | 11.49 | 3.28 | 3.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 South Win (G.S24.E110.W1) | 1.0 | 79.21 | 3.60 | 22.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L3 South Win (G.S24.E111.W1) | 1.0 | 162.01 | 3.60 | 45.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 North Win (G.N3.E1.W1) | 1.0 | 145.05 | 3.54 | 41.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 East Win (G.N3.E2.W1) | 1.0 | 3.28 | 3.28 | 1.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 North Win (G.N4.E3.W1) | 1.0 | 35.38 | 3.54 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 East Win (G.N4.E4.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 North Win (G.N4.E5.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.N4.E6.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 North Win (G.N4.E7.W1) | 1.0 | 35.38 | 3.54 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 East Win (G.N4.E8.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 North Win (G.N4.E9.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.N4.E10.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 North Win (G.N4.E11.W1) | 1.0 | 35.38 | 3.54 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 East Win (G.N4.E12.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 North Win (G.N4.E13.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.N4.E14.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 North Win (G.N4.E15.W1) | 1.0 | 35.38 | 3.54 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 East Win (G.N4.E16.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 North Win (G.N4.E17.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.N4.E18.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 South Win (G.E5.E19.W1) | 1.0 | 79.21 | 3.60 | 22.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 East Win (G.E5.E20.W1) | 1.0 | 111.61 | 3.28 | 34.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 North Win (G.E5.E21.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 East Win (G.E5.E22.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 North Win (G.E5.E23.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.E5.E24.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 North Win (G.W6.E26.W1) | 1.0 | 79.60 | 3.54 | 22.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.W6.E27.W1) | 1.0 | 73.51 | 2.16 | 34.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.W7.E28.W1) | 1.0 | 32.43 | 2.16 | 15.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 East Win (G.E8.E29.W1) | 1.0 | 55.80 | 3.28 | 17.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 South Win (G.E9.E30.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.E9.E31.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 South Win (G.E9.E32.W1) | 1.0 | 52.20 | 3.60 | 14.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 East Win (G.E9.E33.W1) | 1.0 | 128.02 | 3.28 | 39.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 North Win (G.E9.E34.W1) | 1.0 | 77.83 | 3.54 | 22.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.S10.E35.W1) | 1.0 | 17.30 | 2.16 | 8.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 South Win (G.S10.E36.W1) | 1.0 | 7.20 | 3.60 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 East Win (G.S10.E37.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 South Win (G.S10.E38.W1) | 1.0 | 12.60 | 3.60 | 3.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.S10.E39.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 South Win (G.S10.E40.W1) | 1.0 | 46.80 | 3.60 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 East Win (G.S10.E41.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 South Win (G.S10.E42.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.S10.E43.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 South Win (G.S10.E44.W1) | 1.0 | 46.80 | 3.60 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |

eQUEST 3.65 Residential Multi Family Tem                                          DOE-2.3-50h   1/13/2023   10:20:00  BDL RUN  7

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 X (FT) | Y (FT) | FRAME AREA (SQFT ) | CURB | FRAME U-VALUE (BTU/HR-SQFT-F) | CURB |
|---|---|---|---|---|---|---|---|---|---|---|
| L4 East Win (G.S10.E45.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 South Win (G.S10.E46.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.S10.E47.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 South Win (G.S10.E48.W1) | 1.0 | 46.80 | 3.60 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 East Win (G.S10.E49.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 South Win (G.S10.E50.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.S10.E51.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 South Win (G.S10.E52.W1) | 1.0 | 45.00 | 3.60 | 12.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 East Win (G.S10.E53.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 South Win (G.S10.E54.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.S10.E55.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 South Win (G.S10.E56.W1) | 1.0 | 46.80 | 3.60 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 East Win (G.S10.E57.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 South Win (G.S10.E58.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.S10.E59.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 South Win (G.S10.E60.W1) | 1.0 | 46.80 | 3.60 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 East Win (G.S10.E61.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 South Win (G.S10.E62.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.S10.E63.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 South Win (G.S10.E64.W1) | 1.0 | 45.00 | 3.60 | 12.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 East Win (G.S10.E65.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 North Win (G.E13.E67.W1) | 1.0 | 12.38 | 3.54 | 3.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 East Win (G.E13.E68.W1) | 1.0 | 26.26 | 3.28 | 8.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 East Win (G.E13.E69.W1) | 1.0 | 182.18 | 3.28 | 55.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 South Win (G.NW17.E70.W1) | 1.0 | 12.60 | 3.60 | 3.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.NW17.E71.W1) | 1.0 | 15.13 | 2.16 | 7.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 North Win (G.NW17.E72.W1) | 1.0 | 24.77 | 3.54 | 7.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 East Win (G.NW17.E73.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 North Win (G.NW17.E74.W1) | 1.0 | 67.22 | 3.54 | 19.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.NW17.E75.W1) | 1.0 | 65.94 | 2.16 | 30.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 North Win (G.N18.E76.W1) | 1.0 | 23.00 | 3.54 | 6.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 East Win (G.N18.E77.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 North Win (G.N18.E78.W1) | 1.0 | 38.92 | 3.54 | 11.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.N18.E79.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 North Win (G.N18.E80.W1) | 1.0 | 23.00 | 3.54 | 6.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 East Win (G.N18.E81.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 North Win (G.N18.E82.W1) | 1.0 | 37.15 | 3.54 | 10.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.N18.E83.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 North Win (G.N18.E84.W1) | 1.0 | 23.00 | 3.54 | 6.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 East Win (G.N18.E85.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 North Win (G.N18.E86.W1) | 1.0 | 38.92 | 3.54 | 11.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.N18.E87.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 South Win (G.E19.E88.W1) | 1.0 | 84.61 | 3.60 | 23.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 East Win (G.E19.E89.W1) | 1.0 | 106.68 | 3.28 | 32.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 North Win (G.E19.E90.W1) | 1.0 | 26.53 | 3.54 | 7.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 East Win (G.E19.E91.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 North Win (G.E19.E92.W1) | 1.0 | 38.92 | 3.54 | 11.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.E19.E93.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 North Win (G.W21.E94.W1) | 1.0 | 17.69 | 3.54 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.W21.E95.W1) | 1.0 | 22.70 | 2.16 | 10.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 South Win (G.W21.E96.W1) | 1.0 | 18.00 | 3.60 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.W21.E97.W1) | 1.0 | 21.62 | 2.16 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |

eQUEST 3.65 Residential Multi Family Tem                                    DOE-2.3-50h    1/13/2023    10:20:00  BDL RUN  7

REPORT- LV-H Details of Windows                                             WEATHER FILE- SEATTLE BOEING FI WA
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(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 X (FT) | Y (FT) | FRAME AREA (SQFT ) | CURB | FRAME U-VALUE (BTU/HR-SQFT-F) | CURB |
|---|---|---|---|---|---|---|---|---|---|---|
| L4 North Win (G.W21.E98.W1) | 1.0 | 17.69 | 3.54 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.W21.E99.W1) | 1.0 | 63.78 | 2.16 | 29.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 South Win (G.W21.E100.W1) | 1.0 | 18.00 | 3.60 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.W21.E101.W1) | 1.0 | 20.54 | 2.16 | 9.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 North Win (G.W21.E102.W1) | 1.0 | 17.69 | 3.54 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.W21.E103.W1) | 1.0 | 21.62 | 2.16 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.W21.E104.W1) | 1.0 | 12.97 | 2.16 | 6.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 South Win (G.SW22.E105.W1) | 1.0 | 91.81 | 3.60 | 25.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.SW22.E106.W1) | 1.0 | 15.13 | 2.16 | 7.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 South Win (G.SW22.E107.W1) | 1.0 | 27.00 | 3.60 | 7.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 West Win (G.SW22.E108.W1) | 1.0 | 58.37 | 2.16 | 27.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 East Win (G.S24.E109.W1) | 1.0 | 11.49 | 3.28 | 3.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 South Win (G.S24.E110.W1) | 1.0 | 79.21 | 3.60 | 22.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L4 South Win (G.S24.E111.W1) | 1.0 | 162.01 | 3.60 | 45.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 North Win (G.N3.E1.W1) | 1.0 | 145.05 | 3.54 | 41.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 East Win (G.N3.E2.W1) | 1.0 | 3.28 | 3.28 | 1.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 North Win (G.N4.E3.W1) | 1.0 | 35.38 | 3.54 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 East Win (G.N4.E4.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 North Win (G.N4.E5.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.N4.E6.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 North Win (G.N4.E7.W1) | 1.0 | 35.38 | 3.54 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 East Win (G.N4.E8.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 North Win (G.N4.E9.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.N4.E10.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 North Win (G.N4.E11.W1) | 1.0 | 35.38 | 3.54 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 East Win (G.N4.E12.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 North Win (G.N4.E13.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.N4.E14.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 North Win (G.N4.E15.W1) | 1.0 | 35.38 | 3.54 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 East Win (G.N4.E16.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 North Win (G.N4.E17.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.N4.E18.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 South Win (G.E5.E19.W1) | 1.0 | 79.21 | 3.60 | 22.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 East Win (G.E5.E20.W1) | 1.0 | 111.61 | 3.28 | 34.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 North Win (G.E5.E21.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 East Win (G.E5.E22.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 North Win (G.E5.E23.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.E5.E24.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 North Win (G.W6.E26.W1) | 1.0 | 79.60 | 3.54 | 22.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.W6.E27.W1) | 1.0 | 73.51 | 2.16 | 34.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.W7.E28.W1) | 1.0 | 32.43 | 2.16 | 15.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 East Win (G.E8.E29.W1) | 1.0 | 55.80 | 3.28 | 17.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 South Win (G.E9.E30.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.E9.E31.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 South Win (G.E9.E32.W1) | 1.0 | 52.20 | 3.60 | 14.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 East Win (G.E9.E33.W1) | 1.0 | 128.02 | 3.28 | 39.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 North Win (G.E9.E34.W1) | 1.0 | 77.83 | 3.54 | 22.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.S10.E35.W1) | 1.0 | 17.30 | 2.16 | 8.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 South Win (G.S10.E36.W1) | 1.0 | 7.20 | 3.60 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 East Win (G.S10.E37.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 South Win (G.S10.E38.W1) | 1.0 | 12.60 | 3.60 | 3.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.S10.E39.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |

eQUEST 3.65 Residential Multi Family Tem                                        DOE-2.3-50h   1/13/2023   10:20:00  BDL RUN  7

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 X (FT) | Y (FT) | FRAME AREA (SQFT ) | CURB | FRAME U-VALUE (BTU/HR-SQFT-F) | CURB |
|---|---|---|---|---|---|---|---|---|---|---|
| L5 South Win (G.S10.E40.W1) | 1.0 | 46.80 | 3.60 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 East Win (G.S10.E41.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 South Win (G.S10.E42.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.S10.E43.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 South Win (G.S10.E44.W1) | 1.0 | 46.80 | 3.60 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 East Win (G.S10.E45.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 South Win (G.S10.E46.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.S10.E47.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 South Win (G.S10.E48.W1) | 1.0 | 46.80 | 3.60 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 East Win (G.S10.E49.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 South Win (G.S10.E50.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.S10.E51.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 South Win (G.S10.E52.W1) | 1.0 | 45.00 | 3.60 | 12.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 East Win (G.S10.E53.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 South Win (G.S10.E54.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.S10.E55.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 South Win (G.S10.E56.W1) | 1.0 | 46.80 | 3.60 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 East Win (G.S10.E57.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 South Win (G.S10.E58.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.S10.E59.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 South Win (G.S10.E60.W1) | 1.0 | 46.80 | 3.60 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 East Win (G.S10.E61.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 South Win (G.S10.E62.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.S10.E63.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 South Win (G.S10.E64.W1) | 1.0 | 45.00 | 3.60 | 12.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 East Win (G.S10.E65.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 North Win (G.E13.E67.W1) | 1.0 | 12.38 | 3.54 | 3.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 East Win (G.E13.E68.W1) | 1.0 | 26.26 | 3.28 | 8.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 East Win (G.E13.E69.W1) | 1.0 | 182.18 | 3.28 | 55.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 South Win (G.NW17.E70.W1) | 1.0 | 12.60 | 3.60 | 3.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.NW17.E71.W1) | 1.0 | 15.13 | 2.16 | 7.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 North Win (G.NW17.E72.W1) | 1.0 | 24.77 | 3.54 | 7.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 East Win (G.NW17.E73.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 North Win (G.NW17.E74.W1) | 1.0 | 67.22 | 3.54 | 19.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.NW17.E75.W1) | 1.0 | 65.94 | 2.16 | 30.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 North Win (G.N18.E76.W1) | 1.0 | 23.00 | 3.54 | 6.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 East Win (G.N18.E77.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 North Win (G.N18.E78.W1) | 1.0 | 38.92 | 3.54 | 11.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.N18.E79.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 North Win (G.N18.E80.W1) | 1.0 | 23.00 | 3.54 | 6.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 East Win (G.N18.E81.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 North Win (G.N18.E82.W1) | 1.0 | 37.15 | 3.54 | 10.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.N18.E83.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 North Win (G.N18.E84.W1) | 1.0 | 23.00 | 3.54 | 6.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 East Win (G.N18.E85.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 North Win (G.N18.E86.W1) | 1.0 | 38.92 | 3.54 | 11.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.N18.E87.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 South Win (G.E19.E88.W1) | 1.0 | 84.61 | 3.60 | 23.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 East Win (G.E19.E89.W1) | 1.0 | 106.68 | 3.28 | 32.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 North Win (G.E19.E90.W1) | 1.0 | 26.53 | 3.54 | 7.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 East Win (G.E19.E91.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 North Win (G.E19.E92.W1) | 1.0 | 38.92 | 3.54 | 11.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |

eQUEST 3.65 Residential Multi Family Tem                                                DOE-2.3-50h    1/13/2023    10:20:00  BDL RUN  7

REPORT- LV-H Details of Windows                                                          WEATHER FILE- SEATTLE BOEING FI WA
--------------------------------------------------------------------------------------------------------------(CONTINUED)--------

(Note: u-values include outside air film)

| | | | | | LOCATION OF ORIGIN | | | | | |
| | | GLASS | GLASS | GLASS | IN SURFACE | | FRAME | CURB | FRAME | CURB |
| WINDOW | | AREA | HEIGHT | WIDTH | COORDINATES | | AREA | | U-VALUE | |
| NAME | MULTIPLIER | (SQFT ) | (FT) | (FT) | X (FT) | Y (FT) | (SQFT ) | | (BTU/HR-SQFT-F) | |
|---|---|---|---|---|---|---|---|---|---|---|
| L5 West Win (G.E19.E93.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 North Win (G.W21.E94.W1) | 1.0 | 17.69 | 3.54 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.W21.E95.W1) | 1.0 | 22.70 | 2.16 | 10.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 South Win (G.W21.E96.W1) | 1.0 | 18.00 | 3.60 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.W21.E97.W1) | 1.0 | 21.62 | 2.16 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 North Win (G.W21.E98.W1) | 1.0 | 17.69 | 3.54 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.W21.E99.W1) | 1.0 | 63.78 | 2.16 | 29.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 South Win (G.W21.E100.W1) | 1.0 | 18.00 | 3.60 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.W21.E101.W1) | 1.0 | 20.54 | 2.16 | 9.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 North Win (G.W21.E102.W1) | 1.0 | 17.69 | 3.54 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.W21.E103.W1) | 1.0 | 21.62 | 2.16 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.W21.E104.W1) | 1.0 | 12.97 | 2.16 | 6.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 South Win (G.SW22.E105.W1) | 1.0 | 91.81 | 3.60 | 25.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.SW22.E106.W1) | 1.0 | 15.13 | 2.16 | 7.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 South Win (G.SW22.E107.W1) | 1.0 | 27.00 | 3.60 | 7.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 West Win (G.SW22.E108.W1) | 1.0 | 58.37 | 2.16 | 27.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 East Win (G.S24.E109.W1) | 1.0 | 11.49 | 3.28 | 3.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 South Win (G.S24.E110.W1) | 1.0 | 79.21 | 3.60 | 22.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L5 South Win (G.S24.E111.W1) | 1.0 | 162.01 | 3.60 | 45.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 North Win (G.N3.E1.W1) | 1.0 | 145.05 | 3.54 | 41.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 East Win (G.N3.E2.W1) | 1.0 | 3.28 | 3.28 | 1.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 North Win (G.N4.E3.W1) | 1.0 | 35.38 | 3.54 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 East Win (G.N4.E4.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 North Win (G.N4.E5.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 West Win (G.N4.E6.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 North Win (G.N4.E7.W1) | 1.0 | 35.38 | 3.54 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 East Win (G.N4.E8.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 North Win (G.N4.E9.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 West Win (G.N4.E10.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 North Win (G.N4.E11.W1) | 1.0 | 35.38 | 3.54 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 East Win (G.N4.E12.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 North Win (G.N4.E13.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 West Win (G.N4.E14.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 North Win (G.N4.E15.W1) | 1.0 | 35.38 | 3.54 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 East Win (G.N4.E16.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 North Win (G.N4.E17.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 West Win (G.N4.E18.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 South Win (G.E5.E19.W1) | 1.0 | 79.21 | 3.60 | 22.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 East Win (G.E5.E20.W1) | 1.0 | 111.61 | 3.28 | 34.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 North Win (G.E5.E21.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 East Win (G.E5.E22.W1) | 1.0 | 16.41 | 3.28 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 North Win (G.E5.E23.W1) | 1.0 | 45.99 | 3.54 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 West Win (G.E5.E24.W1) | 1.0 | 10.81 | 2.16 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 North Win (G.W6.E26.W1) | 1.0 | 79.60 | 3.54 | 22.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 West Win (G.W6.E27.W1) | 1.0 | 73.51 | 2.16 | 34.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 West Win (G.W7.E28.W1) | 1.0 | 32.43 | 2.16 | 15.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 East Win (G.E8.E29.W1) | 1.0 | 55.80 | 3.28 | 17.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 South Win (G.E9.E30.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 West Win (G.E9.E31.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 South Win (G.E9.E32.W1) | 1.0 | 52.20 | 3.60 | 14.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 East Win (G.E9.E33.W1) | 1.0 | 128.02 | 3.28 | 39.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 North Win (G.E9.E34.W1) | 1.0 | 77.83 | 3.54 | 22.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |

eQUEST 3.65 Residential Multi Family Tem                                    DOE-2.3-50h    1/13/2023    10:20:00  BDL RUN  7

REPORT- LV-H Details of Windows                                             WEATHER FILE- SEATTLE BOEING FI WA
---------------------------------------------------------------------------------------------------------------(CONTINUED)--------

(Note: u-values include outside air film)

|  |  |  |  |  | LOCATION OF ORIGIN | | | | | |
|  |  | GLASS | GLASS | GLASS |  IN SURFACE | | FRAME | CURB | FRAME | CURB |
| WINDOW |  | AREA | HEIGHT | WIDTH | COORDINATES | | AREA | | U-VALUE | |
| NAME | MULTIPLIER | (SQFT ) | (FT) | (FT) | X (FT) | Y (FT) | (SQFT ) | | (BTU/HR-SQFT-F) | |
| L6 West Win (G.S10.E35.W1) | 1.0 | 17.30 | 2.16 | 8.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 South Win (G.S10.E36.W1) | 1.0 | 7.20 | 3.60 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 East Win (G.S10.E37.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 South Win (G.S10.E38.W1) | 1.0 | 12.60 | 3.60 | 3.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 West Win (G.S10.E39.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 South Win (G.S10.E40.W1) | 1.0 | 46.80 | 3.60 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 East Win (G.S10.E41.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 South Win (G.S10.E42.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 West Win (G.S10.E43.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 South Win (G.S10.E44.W1) | 1.0 | 46.80 | 3.60 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 East Win (G.S10.E45.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 South Win (G.S10.E46.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 West Win (G.S10.E47.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 South Win (G.S10.E48.W1) | 1.0 | 46.80 | 3.60 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 East Win (G.S10.E49.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 South Win (G.S10.E50.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 West Win (G.S10.E51.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 South Win (G.S10.E52.W1) | 1.0 | 45.00 | 3.60 | 12.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 East Win (G.S10.E53.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 South Win (G.S10.E54.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 West Win (G.S10.E55.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 South Win (G.S10.E56.W1) | 1.0 | 46.80 | 3.60 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 East Win (G.S10.E57.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 South Win (G.S10.E58.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 West Win (G.S10.E59.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 South Win (G.S10.E60.W1) | 1.0 | 46.80 | 3.60 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 East Win (G.S10.E61.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 South Win (G.S10.E62.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 West Win (G.S10.E63.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 South Win (G.S10.E64.W1) | 1.0 | 45.00 | 3.60 | 12.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 East Win (G.S10.E65.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 North Win (G.E13.E67.W1) | 1.0 | 12.38 | 3.54 | 3.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 East Win (G.E13.E68.W1) | 1.0 | 26.26 | 3.28 | 8.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 East Win (G.E13.E69.W1) | 1.0 | 182.18 | 3.28 | 55.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 West Win (G.NW17.E70.W1) | 1.0 | 70.26 | 2.16 | 32.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 North Win (G.NW17.E71.W1) | 1.0 | 79.60 | 3.54 | 22.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 North Win (G.N18.E72.W1) | 1.0 | 183.97 | 3.54 | 52.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 South Win (G.E19.E73.W1) | 1.0 | 84.61 | 3.60 | 23.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 East Win (G.E19.E74.W1) | 1.0 | 106.68 | 3.28 | 32.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 North Win (G.E19.E75.W1) | 1.0 | 65.45 | 3.54 | 18.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 North Win (G.W21.E76.W1) | 1.0 | 17.69 | 3.54 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 West Win (G.W21.E77.W1) | 1.0 | 22.70 | 2.16 | 10.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 South Win (G.W21.E78.W1) | 1.0 | 18.00 | 3.60 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 West Win (G.W21.E79.W1) | 1.0 | 21.62 | 2.16 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 North Win (G.W21.E80.W1) | 1.0 | 17.69 | 3.54 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 West Win (G.W21.E81.W1) | 1.0 | 63.78 | 2.16 | 29.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 South Win (G.W21.E82.W1) | 1.0 | 18.00 | 3.60 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 West Win (G.W21.E83.W1) | 1.0 | 20.54 | 2.16 | 9.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 North Win (G.W21.E84.W1) | 1.0 | 17.69 | 3.54 | 5.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 West Win (G.W21.E85.W1) | 1.0 | 21.62 | 2.16 | 10.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 West Win (G.W21.E86.W1) | 1.0 | 12.97 | 2.16 | 6.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 South Win (G.SW22.E87.W1) | 1.0 | 91.81 | 3.60 | 25.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |

eQUEST 3.65 Residential Multi Family Tem                                        DOE-2.3-50h    1/13/2023    10:20:00  BDL RUN  7

REPORT- LV-H Details of Windows                                                 WEATHER FILE- SEATTLE BOEING FI WA
-------------------------------------------------------------------------------------------------------------------(CONTINUED)--------

(Note: u-values include outside air film)

| | | | | | LOCATION OF ORIGIN | | | | | |
| | | GLASS | GLASS | GLASS | IN SURFACE | | FRAME | CURB | FRAME | CURB |
| WINDOW | | AREA | HEIGHT | WIDTH | COORDINATES | | AREA | | U-VALUE | |
| NAME | MULTIPLIER | (SQFT ) | (FT) | (FT) | X (FT) | Y (FT) | (SQFT ) | | (BTU/HR-SQFT-F) | |
| L6 West Win (G.SW22.E88.W1) | 1.0 | 15.13 | 2.16 | 7.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 South Win (G.SW22.E89.W1) | 1.0 | 27.00 | 3.60 | 7.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 West Win (G.SW22.E90.W1) | 1.0 | 58.37 | 2.16 | 27.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 East Win (G.S24.E91.W1) | 1.0 | 11.49 | 3.28 | 3.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 South Win (G.S24.E92.W1) | 1.0 | 79.21 | 3.60 | 22.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L6 South Win (G.S24.E93.W1) | 1.0 | 162.01 | 3.60 | 45.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 South Win (G.N3.E1.W1) | 1.0 | 79.21 | 3.60 | 22.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 North Win (G.N3.E2.W1) | 1.0 | 145.05 | 3.54 | 41.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 East Win (G.N3.E3.W1) | 1.0 | 3.28 | 3.28 | 1.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 North Win (G.N4.E4.W1) | 1.0 | 325.49 | 3.54 | 92.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 South Win (G.E5.E5.W1) | 1.0 | 79.21 | 3.60 | 22.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 East Win (G.E5.E6.W1) | 1.0 | 111.61 | 3.28 | 34.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 North Win (G.E5.E7.W1) | 1.0 | 91.99 | 3.54 | 26.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 North Win (G.W6.E9.W1) | 1.0 | 79.60 | 3.54 | 22.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 West Win (G.W6.E10.W1) | 1.0 | 73.51 | 2.16 | 34.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 West Win (G.W7.E11.W1) | 1.0 | 32.43 | 2.16 | 15.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 East Win (G.E8.E12.W1) | 1.0 | 55.80 | 3.28 | 17.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 South Win (G.E9.E13.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 West Win (G.E9.E14.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 South Win (G.E9.E15.W1) | 1.0 | 52.20 | 3.60 | 14.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 East Win (G.E9.E16.W1) | 1.0 | 128.02 | 3.28 | 39.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 North Win (G.E9.E17.W1) | 1.0 | 77.83 | 3.54 | 22.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 South Win (G.SSW10.E18.W1) | 1.0 | 7.20 | 3.60 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 East Win (G.SSW10.E19.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 South Win (G.SSW10.E20.W1) | 1.0 | 12.60 | 3.60 | 3.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 West Win (G.SSW10.E21.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 South Win (G.SSW10.E22.W1) | 1.0 | 46.80 | 3.60 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 East Win (G.SSW10.E23.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 South Win (G.SSW10.E24.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 West Win (G.SSW10.E25.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 South Win (G.SSW10.E26.W1) | 1.0 | 46.80 | 3.60 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 East Win (G.SSW10.E27.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 South Win (G.SSW10.E28.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 West Win (G.SSW10.E29.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 South Win (G.SSW10.E30.W1) | 1.0 | 46.80 | 3.60 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 East Win (G.SSW10.E31.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 South Win (G.SSW10.E32.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 West Win (G.SSW10.E33.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 South Win (G.SSW10.E34.W1) | 1.0 | 45.00 | 3.60 | 12.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 East Win (G.SSW10.E35.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 South Win (G.SSW10.E36.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 West Win (G.SSW10.E37.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 South Win (G.SSW10.E38.W1) | 1.0 | 46.80 | 3.60 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 East Win (G.SSW10.E39.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 South Win (G.SSW10.E40.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 West Win (G.SSW10.E41.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 South Win (G.SSW10.E42.W1) | 1.0 | 46.80 | 3.60 | 13.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 East Win (G.SSW10.E43.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 South Win (G.SSW10.E44.W1) | 1.0 | 16.20 | 3.60 | 4.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 West Win (G.SSW10.E45.W1) | 1.0 | 4.32 | 2.16 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 South Win (G.SSW10.E46.W1) | 1.0 | 45.00 | 3.60 | 12.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 East Win (G.SSW10.E47.W1) | 1.0 | 6.57 | 3.28 | 2.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |

eQUEST 3.65 Residential Multi Family Tem                                    DOE-2.3-50h    1/13/2023   10:20:00  BDL RUN  7

REPORT- LV-H Details of Windows                                             WEATHER FILE- SEATTLE BOEING FI WA
---------------------------------------------------------------------------------------------------------(CONTINUED)--------

(Note: u-values include outside air film)

| | | | | LOCATION OF ORIGIN | | | | | | |
| | | GLASS | GLASS | GLASS | IN SURFACE | | FRAME | CURB | FRAME | CURB |
| WINDOW | | AREA | HEIGHT | WIDTH | COORDINATES | | AREA | | U-VALUE | |
| NAME | MULTIPLIER | (SQFT ) | (FT) | (FT) | X (FT) | Y (FT) | (SQFT ) | | (BTU/HR-SQFT-F) | |
| L7 West Win (G.SSW10.E48.W1) | 1.0 | 71.35 | 2.16 | 33.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 East Win (G.E13.E50.W1) | 1.0 | 93.55 | 3.28 | 28.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 West Win (G.W18.E51.W1) | 1.0 | 77.83 | 2.16 | 36.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 South Win (G.SW19.E52.W1) | 1.0 | 91.81 | 3.60 | 25.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 West Win (G.SW19.E53.W1) | 1.0 | 73.51 | 2.16 | 34.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 North Win (G.C20.E54.W1) | 1.0 | 40.69 | 3.54 | 11.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 West Win (G.NW21.E55.W1) | 1.0 | 222.83 | 7.07 | 31.50 | 0.00 | 1.00 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 North Win (G.NW21.E56.W1) | 1.0 | 194.53 | 7.07 | 27.50 | 0.00 | 1.00 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 North Win (G.NE22.E57.W1) | 1.0 | 222.83 | 7.07 | 31.50 | 0.00 | 1.00 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 East Win (G.NE22.E58.W1) | 1.0 | 191.00 | 7.07 | 27.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 East Win (G.SSE23.E59.W1) | 1.0 | 93.55 | 3.28 | 28.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L7 South Win (G.SSE23.E60.W1) | 1.0 | 162.01 | 3.60 | 45.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L8 East Win (G.E3.E4.W1) | 1.0 | 93.55 | 3.28 | 28.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L8 West Win (G.W8.E10.W1) | 1.0 | 77.83 | 2.16 | 36.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L8 South Win (G.SW9.E12.W1) | 1.0 | 81.01 | 3.60 | 22.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L8 West Win (G.SW9.E13.W1) | 1.0 | 63.78 | 2.16 | 29.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L8 East Win (G.C10.E15.W1) | 1.0 | 29.54 | 3.28 | 9.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L8 West Win (G.NW11.E17.W1) | 1.0 | 69.18 | 2.16 | 32.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L8 North Win (G.NW11.E18.W1) | 1.0 | 116.75 | 3.54 | 33.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L8 North Win (G.NE12.E20.W1) | 1.0 | 122.06 | 3.54 | 34.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L8 East Win (G.NE12.E21.W1) | 1.0 | 90.27 | 3.28 | 27.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L8 South Win (G.S13.E23.W1) | 1.0 | 81.01 | 3.60 | 22.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L8 South Win (G.SE14.E25.W1) | 1.0 | 81.01 | 3.60 | 22.50 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |
| L8 East Win (G.SE14.E26.W1) | 1.0 | 78.78 | 3.28 | 24.00 | 0.00 | 3.12 | 0.00 | 0.00 | 0.384 | 0.000 |

| | | GLASS | NUMBER | CENTER-OF- | GLASS | GLASS | SURFACE TO |
| WINDOW | SETBACK | SHADING | OF | GLASS U-VALUE | VISIBLE | SOLAR | ROUGH OPEN |
| NAME | (FT) | COEFF | PANES | (BTU/HR-SQFT-F) | TRANS | TRANS | AREA RATIO |
| Window 593 | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| Window 592 | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| Window 591 | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L1 North Win (G.C4.E3.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L1 North Win (G.N5.E4.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L1 South Win (G.E6.E5.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L1 East Win (G.E6.E6.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L1 North Win (G.E6.E7.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L1 North Win (G.W7.E9.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L1 West Win (G.W7.E10.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L1 West Win (G.W8.E11.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L1 East Win (G.E9.E12.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L1 East Win (G.E10.E13.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L1 North Win (G.E10.E14.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L1 South Win (G.E10.E15.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L1 South Win (G.S11.E16.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L1 North Win (G.S17.E24.W1) | 0.00 | 0.46 | 1 | 0.500 | 0.600 | 0.878 | 1.000 |
| L1 East Win (G.S17.E25.W1) | 0.00 | 0.46 | 1 | 0.500 | 0.600 | 0.878 | 1.000 |
| L1 East Win (G.E19.E27.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L1 East Win (G.NNE24.E30.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L1 West Win (G.WNW27.E37.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L1 North Win (G.WNW27.E39.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |

eQUEST 3.65 Residential Multi Family Tem                              DOE-2.3-50h    1/13/2023    10:20:00  BDL RUN  7

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 |
|---|---|---|---|---|---|---|---|
| L1 North Win (G.N28.E42.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L1 East Win (G.E29.E45.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L1 North Win (G.E29.E46.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 North Win (G.C3.E1.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 North Win (G.N4.E2.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 East Win (G.N4.E3.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 North Win (G.N4.E4.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 West Win (G.N4.E5.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 North Win (G.N4.E6.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 East Win (G.N4.E7.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 North Win (G.N4.E8.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 West Win (G.N4.E9.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 North Win (G.N4.E10.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 East Win (G.N4.E11.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 North Win (G.N4.E12.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 West Win (G.N4.E13.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 North Win (G.N4.E14.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 East Win (G.N4.E15.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 North Win (G.N4.E16.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 West Win (G.N4.E17.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 South Win (G.E5.E18.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 East Win (G.E5.E19.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 North Win (G.E5.E20.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 East Win (G.E5.E21.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 North Win (G.E5.E22.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 West Win (G.E5.E23.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 North Win (G.W6.E25.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 West Win (G.W6.E26.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 West Win (G.W7.E27.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 East Win (G.E8.E28.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 East Win (G.E9.E29.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 North Win (G.E9.E30.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 East Win (G.E9.E31.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 South Win (G.E9.E32.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 West Win (G.S10.E33.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 South Win (G.S10.E34.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 East Win (G.S10.E35.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 South Win (G.S10.E36.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 West Win (G.S10.E37.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 South Win (G.S10.E38.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 East Win (G.S10.E39.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 South Win (G.S10.E40.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 West Win (G.S10.E41.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 South Win (G.S10.E42.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 East Win (G.S10.E43.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 South Win (G.S10.E44.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 South Win (G.S10.E45.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 West Win (G.SSW12.E46.W1) | 0.00 | 0.46 | 1 | 0.500 | 0.600 | 0.878 | 1.000 |
| L2 South Win (G.SSW12.E47.W1) | 0.00 | 0.46 | 1 | 0.500 | 0.600 | 0.878 | 1.000 |
| L2 North Win (G.SSW12.E48.W1) | 0.00 | 0.46 | 1 | 0.500 | 0.600 | 0.878 | 1.000 |
| L2 East Win (G.SSW12.E49.W1) | 0.00 | 0.46 | 1 | 0.500 | 0.600 | 0.878 | 1.000 |
| L2 South Win (G.SSW12.E50.W1) | 0.00 | 0.46 | 1 | 0.500 | 0.600 | 0.878 | 1.000 |
| L2 South Win (G.SSW12.E51.W1) | 0.00 | 0.46 | 1 | 0.500 | 0.600 | 0.878 | 1.000 |
| L2 North Win (G.E14.E53.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |

eQUEST 3.65 Residential Multi Family Tem                    DOE-2.3-50h    1/13/2023    10:20:00  BDL RUN  7

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.E14.E54.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 East Win (G.E14.E55.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 North Win (G.WNW18.E57.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 East Win (G.WNW18.E58.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 North Win (G.WNW18.E59.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 West Win (G.WNW18.E60.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 North Win (G.WNW18.E61.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 East Win (G.WNW18.E62.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 North Win (G.WNW18.E63.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 West Win (G.WNW18.E64.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 North Win (G.N19.E65.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 East Win (G.N19.E66.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 North Win (G.N19.E67.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 West Win (G.N19.E68.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 North Win (G.N19.E69.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 East Win (G.N19.E70.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 North Win (G.N19.E71.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 West Win (G.N19.E72.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 South Win (G.SW20.E73.W1) | 0.00 | 0.46 | 1 | 0.500 | 0.600 | 0.878 | 1.000 |
| L2 East Win (G.SW20.E74.W1) | 0.00 | 0.46 | 1 | 0.500 | 0.600 | 0.878 | 1.000 |
| L2 South Win (G.SW20.E75.W1) | 0.00 | 0.46 | 1 | 0.500 | 0.600 | 0.878 | 1.000 |
| L2 West Win (G.SW20.E76.W1) | 0.00 | 0.46 | 1 | 0.500 | 0.600 | 0.878 | 1.000 |
| L2 South Win (G.E23.E77.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 East Win (G.E23.E78.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 North Win (G.E23.E79.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 East Win (G.E23.E80.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 North Win (G.E23.E81.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 West Win (G.E23.E82.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L2 South Win (G.S27.E88.W1) | 0.00 | 0.46 | 1 | 0.500 | 0.600 | 0.878 | 1.000 |
| L3 North Win (G.N3.E1.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 East Win (G.N3.E2.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 North Win (G.N4.E3.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 East Win (G.N4.E4.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 North Win (G.N4.E5.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.N4.E6.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 North Win (G.N4.E7.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 East Win (G.N4.E8.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 North Win (G.N4.E9.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.N4.E10.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 North Win (G.N4.E11.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 East Win (G.N4.E12.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 North Win (G.N4.E13.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.N4.E14.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 North Win (G.N4.E15.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 East Win (G.N4.E16.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 North Win (G.N4.E17.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.N4.E18.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 South Win (G.E5.E19.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 East Win (G.E5.E20.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 North Win (G.E5.E21.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 East Win (G.E5.E22.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 North Win (G.E5.E23.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.E5.E24.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 North Win (G.W6.E26.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |

eQUEST 3.65 Residential Multi Family Tem                         DOE-2.3-50h    1/13/2023    10:20:00  BDL RUN  7

REPORT- LV-H Details of Windows                                               WEATHER FILE- SEATTLE BOEING FI WA
-----------------------------------------------------------------------------------------------------------(CONTINUED)--------

| WINDOW<br>NAME | SETBACK<br>(FT) | GLASS<br>SHADING<br>COEFF | NUMBER<br>OF<br>PANES | CENTER-OF-<br>GLASS U-VALUE<br>(BTU/HR-SQFT-F) | GLASS<br>VISIBLE<br>TRANS | GLASS<br>SOLAR<br>TRANS | SURFACE TO<br>ROUGH OPEN<br>AREA RATIO |
|---|---|---|---|---|---|---|---|
| L3 West Win (G.W6.E27.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.W7.E28.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 East Win (G.E8.E29.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 South Win (G.E9.E30.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.E9.E31.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 South Win (G.E9.E32.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 East Win (G.E9.E33.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 North Win (G.E9.E34.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.S10.E35.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 South Win (G.S10.E36.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 East Win (G.S10.E37.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 South Win (G.S10.E38.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.S10.E39.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 South Win (G.S10.E40.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 East Win (G.S10.E41.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 South Win (G.S10.E42.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.S10.E43.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 South Win (G.S10.E44.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 East Win (G.S10.E45.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 South Win (G.S10.E46.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.S10.E47.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 South Win (G.S10.E48.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 East Win (G.S10.E49.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 South Win (G.S10.E50.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.S10.E51.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 South Win (G.S10.E52.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 East Win (G.S10.E53.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 South Win (G.S10.E54.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.S10.E55.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 South Win (G.S10.E56.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 East Win (G.S10.E57.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 South Win (G.S10.E58.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.S10.E59.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 South Win (G.S10.E60.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 East Win (G.S10.E61.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 South Win (G.S10.E62.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.S10.E63.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 South Win (G.S10.E64.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 East Win (G.S10.E65.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 North Win (G.E13.E67.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 East Win (G.E13.E68.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 East Win (G.E13.E69.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 South Win (G.NW17.E70.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.NW17.E71.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 North Win (G.NW17.E72.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 East Win (G.NW17.E73.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 North Win (G.NW17.E74.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.NW17.E75.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 North Win (G.N18.E76.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 East Win (G.N18.E77.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 North Win (G.N18.E78.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.N18.E79.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 North Win (G.N18.E80.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 East Win (G.N18.E81.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |

eQUEST 3.65 Residential Multi Family Tem                                    DOE-2.3-50h    1/13/2023    10:20:00   BDL RUN  7

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 |
|---|---|---|---|---|---|---|---|
| L3 North Win (G.N18.E82.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.N18.E83.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 North Win (G.N18.E84.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 East Win (G.N18.E85.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 North Win (G.N18.E86.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.N18.E87.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 South Win (G.E19.E88.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 East Win (G.E19.E89.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 North Win (G.E19.E90.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 East Win (G.E19.E91.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 North Win (G.E19.E92.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.E19.E93.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 North Win (G.W21.E94.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.W21.E95.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 South Win (G.W21.E96.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.W21.E97.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 North Win (G.W21.E98.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.W21.E99.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 South Win (G.W21.E100.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.W21.E101.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 North Win (G.W21.E102.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.W21.E103.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.W21.E104.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 South Win (G.SW22.E105.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.SW22.E106.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 South Win (G.SW22.E107.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 West Win (G.SW22.E108.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 East Win (G.S24.E109.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 South Win (G.S24.E110.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L3 South Win (G.S24.E111.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 North Win (G.N3.E1.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 East Win (G.N3.E2.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 North Win (G.N4.E3.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 East Win (G.N4.E4.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 North Win (G.N4.E5.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.N4.E6.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 North Win (G.N4.E7.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 East Win (G.N4.E8.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 North Win (G.N4.E9.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.N4.E10.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 North Win (G.N4.E11.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 East Win (G.N4.E12.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 North Win (G.N4.E13.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.N4.E14.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 North Win (G.N4.E15.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 East Win (G.N4.E16.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 North Win (G.N4.E17.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.N4.E18.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 South Win (G.E5.E19.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 East Win (G.E5.E20.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 North Win (G.E5.E21.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 East Win (G.E5.E22.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 North Win (G.E5.E23.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.E5.E24.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |

eQUEST 3.65 Residential Multi Family Tem                    DOE-2.3-50h   1/13/2023   10:20:00   BDL RUN  7

REPORT- LV-H Details of Windows                                      WEATHER FILE- SEATTLE BOEING FI WA
--------------------------------------------------------------------------------------------------(CONTINUED)--------

| WINDOW<br>NAME | SETBACK<br>(FT) | GLASS<br>SHADING<br>COEFF | NUMBER<br>OF<br>PANES | CENTER-OF-<br>GLASS U-VALUE<br>(BTU/HR-SQFT-F) | GLASS<br>VISIBLE<br>TRANS | GLASS<br>SOLAR<br>TRANS | SURFACE TO<br>ROUGH OPEN<br>AREA RATIO |
|---|---|---|---|---|---|---|---|
| L4 North Win (G.W6.E26.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.W6.E27.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.W7.E28.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 East Win (G.E8.E29.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 South Win (G.E9.E30.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.E9.E31.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 South Win (G.E9.E32.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 East Win (G.E9.E33.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 North Win (G.E9.E34.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.S10.E35.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 South Win (G.S10.E36.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 East Win (G.S10.E37.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 South Win (G.S10.E38.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.S10.E39.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 South Win (G.S10.E40.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 East Win (G.S10.E41.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 South Win (G.S10.E42.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.S10.E43.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 South Win (G.S10.E44.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 East Win (G.S10.E45.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 South Win (G.S10.E46.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.S10.E47.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 South Win (G.S10.E48.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 East Win (G.S10.E49.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 South Win (G.S10.E50.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.S10.E51.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 South Win (G.S10.E52.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 East Win (G.S10.E53.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 South Win (G.S10.E54.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.S10.E55.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 South Win (G.S10.E56.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 East Win (G.S10.E57.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 South Win (G.S10.E58.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.S10.E59.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 South Win (G.S10.E60.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 East Win (G.S10.E61.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 South Win (G.S10.E62.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.S10.E63.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 South Win (G.S10.E64.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 East Win (G.S10.E65.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 North Win (G.E13.E67.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 East Win (G.E13.E68.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 East Win (G.E13.E69.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 South Win (G.NW17.E70.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.NW17.E71.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 North Win (G.NW17.E72.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 East Win (G.NW17.E73.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 North Win (G.NW17.E74.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.NW17.E75.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 North Win (G.N18.E76.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 East Win (G.N18.E77.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 North Win (G.N18.E78.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.N18.E79.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 North Win (G.N18.E80.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |

eQUEST 3.65 Residential Multi Family Tem                    DOE-2.3-50h   1/13/2023   10:20:00  BDL RUN  7

REPORT- LV-H Details of Windows                                        WEATHER FILE- SEATTLE BOEING FI WA
-------------------------------------------------------------------------------------------------(CONTINUED)--------

| WINDOW<br>NAME | SETBACK<br>(FT) | GLASS<br>SHADING<br>COEFF | NUMBER<br>OF<br>PANES | CENTER-OF-<br>GLASS U-VALUE<br>(BTU/HR-SQFT-F) | GLASS<br>VISIBLE<br>TRANS | GLASS<br>SOLAR<br>TRANS | SURFACE TO<br>ROUGH OPEN<br>AREA RATIO |
|---|---|---|---|---|---|---|---|
| L4 East Win (G.N18.E81.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 North Win (G.N18.E82.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.N18.E83.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 North Win (G.N18.E84.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 East Win (G.N18.E85.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 North Win (G.N18.E86.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.N18.E87.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 South Win (G.E19.E88.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 East Win (G.E19.E89.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 North Win (G.E19.E90.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 East Win (G.E19.E91.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 North Win (G.E19.E92.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.E19.E93.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 North Win (G.W21.E94.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.W21.E95.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 South Win (G.W21.E96.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.W21.E97.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 North Win (G.W21.E98.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.W21.E99.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 South Win (G.W21.E100.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.W21.E101.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 North Win (G.W21.E102.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.W21.E103.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.W21.E104.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 South Win (G.SW22.E105.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.SW22.E106.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 South Win (G.SW22.E107.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 West Win (G.SW22.E108.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 East Win (G.S24.E109.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 South Win (G.S24.E110.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L4 South Win (G.S24.E111.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 North Win (G.N3.E1.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 East Win (G.N3.E2.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 North Win (G.N4.E3.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 East Win (G.N4.E4.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 North Win (G.N4.E5.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.N4.E6.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 North Win (G.N4.E7.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 East Win (G.N4.E8.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 North Win (G.N4.E9.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.N4.E10.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 North Win (G.N4.E11.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 East Win (G.N4.E12.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 North Win (G.N4.E13.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.N4.E14.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 North Win (G.N4.E15.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 East Win (G.N4.E16.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 North Win (G.N4.E17.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.N4.E18.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 South Win (G.E5.E19.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 East Win (G.E5.E20.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 North Win (G.E5.E21.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 East Win (G.E5.E22.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 North Win (G.E5.E23.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |

eQUEST 3.65 Residential Multi Family Tem                    DOE-2.3-50h    1/13/2023    10:20:00  BDL RUN  7

REPORT- LV-H Details of Windows                                              WEATHER FILE- SEATTLE BOEING FI WA
----------------------------------------------------------------------------------------------------------(CONTINUED)--------

| WINDOW<br>NAME | SETBACK<br>(FT) | GLASS<br>SHADING<br>COEFF | NUMBER<br>OF<br>PANES | CENTER-OF-<br>GLASS U-VALUE<br>(BTU/HR-SQFT-F) | GLASS<br>VISIBLE<br>TRANS | GLASS<br>SOLAR<br>TRANS | SURFACE TO<br>ROUGH OPEN<br>AREA RATIO |
|---|---|---|---|---|---|---|---|
| L5 West Win (G.E5.E24.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 North Win (G.W6.E26.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.W6.E27.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.W7.E28.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 East Win (G.E8.E29.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 South Win (G.E9.E30.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.E9.E31.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 South Win (G.E9.E32.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 East Win (G.E9.E33.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 North Win (G.E9.E34.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.S10.E35.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 South Win (G.S10.E36.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 East Win (G.S10.E37.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 South Win (G.S10.E38.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.S10.E39.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 South Win (G.S10.E40.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 East Win (G.S10.E41.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 South Win (G.S10.E42.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.S10.E43.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 South Win (G.S10.E44.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 East Win (G.S10.E45.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 South Win (G.S10.E46.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.S10.E47.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 South Win (G.S10.E48.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 East Win (G.S10.E49.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 South Win (G.S10.E50.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.S10.E51.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 South Win (G.S10.E52.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 East Win (G.S10.E53.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 South Win (G.S10.E54.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.S10.E55.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 South Win (G.S10.E56.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 East Win (G.S10.E57.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 South Win (G.S10.E58.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.S10.E59.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 South Win (G.S10.E60.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 East Win (G.S10.E61.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 South Win (G.S10.E62.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.S10.E63.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 South Win (G.S10.E64.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 East Win (G.S10.E65.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 North Win (G.E13.E67.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 East Win (G.E13.E68.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 East Win (G.E13.E69.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 South Win (G.NW17.E70.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.NW17.E71.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 North Win (G.NW17.E72.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 East Win (G.NW17.E73.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 North Win (G.NW17.E74.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.NW17.E75.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 North Win (G.N18.E76.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 East Win (G.N18.E77.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 North Win (G.N18.E78.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.N18.E79.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |

eQUEST 3.65 Residential Multi Family Tem                              DOE-2.3-50h    1/13/2023   10:20:00  BDL RUN  7

REPORT- LV-H Details of Windows                                              WEATHER FILE- SEATTLE BOEING FI WA
----------------------------------------------------------------------------------------------------------(CONTINUED)--------

| WINDOW<br>NAME | SETBACK<br>(FT) | GLASS<br>SHADING<br>COEFF | NUMBER<br>OF<br>PANES | CENTER-OF-<br>GLASS U-VALUE<br>(BTU/HR-SQFT-F) | GLASS<br>VISIBLE<br>TRANS | GLASS<br>SOLAR<br>TRANS | SURFACE TO<br>ROUGH OPEN<br>AREA RATIO |
|---|---|---|---|---|---|---|---|
| L5 North Win (G.N18.E80.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 East Win (G.N18.E81.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 North Win (G.N18.E82.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.N18.E83.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 North Win (G.N18.E84.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 East Win (G.N18.E85.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 North Win (G.N18.E86.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.N18.E87.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 South Win (G.E19.E88.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 East Win (G.E19.E89.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 North Win (G.E19.E90.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 East Win (G.E19.E91.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 North Win (G.E19.E92.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.E19.E93.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 North Win (G.W21.E94.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.W21.E95.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 South Win (G.W21.E96.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.W21.E97.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 North Win (G.W21.E98.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.W21.E99.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 South Win (G.W21.E100.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.W21.E101.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 North Win (G.W21.E102.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.W21.E103.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.W21.E104.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 South Win (G.SW22.E105.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.SW22.E106.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 South Win (G.SW22.E107.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 West Win (G.SW22.E108.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 East Win (G.S24.E109.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 South Win (G.S24.E110.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L5 South Win (G.S24.E111.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 North Win (G.N3.E1.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 East Win (G.N3.E2.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 North Win (G.N4.E3.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 East Win (G.N4.E4.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 North Win (G.N4.E5.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 West Win (G.N4.E6.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 North Win (G.N4.E7.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 East Win (G.N4.E8.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 North Win (G.N4.E9.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 West Win (G.N4.E10.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 North Win (G.N4.E11.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 East Win (G.N4.E12.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 North Win (G.N4.E13.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 West Win (G.N4.E14.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 North Win (G.N4.E15.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 East Win (G.N4.E16.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 North Win (G.N4.E17.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 West Win (G.N4.E18.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 South Win (G.E5.E19.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 East Win (G.E5.E20.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 North Win (G.E5.E21.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 East Win (G.E5.E22.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |

eQUEST 3.65 Residential Multi Family Tem                    DOE-2.3-50h   1/13/2023   10:20:00  BDL RUN  7

REPORT- LV-H Details of Windows                                        WEATHER FILE- SEATTLE BOEING FI WA
----------------------------------------------------------------------------------------------------------(CONTINUED)--------

| WINDOW<br>NAME | SETBACK<br>(FT) | GLASS<br>SHADING<br>COEFF | NUMBER<br>OF<br>PANES | CENTER-OF-<br>GLASS U-VALUE<br>(BTU/HR-SQFT-F) | GLASS<br>VISIBLE<br>TRANS | GLASS<br>SOLAR<br>TRANS | SURFACE TO<br>ROUGH OPEN<br>AREA RATIO |
|---|---|---|---|---|---|---|---|
| L6 North Win (G.E5.E23.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 West Win (G.E5.E24.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 North Win (G.W6.E26.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 West Win (G.W6.E27.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 West Win (G.W7.E28.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 East Win (G.E8.E29.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 South Win (G.E9.E30.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 West Win (G.E9.E31.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 South Win (G.E9.E32.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 East Win (G.E9.E33.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 North Win (G.E9.E34.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 West Win (G.S10.E35.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 South Win (G.S10.E36.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 East Win (G.S10.E37.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 South Win (G.S10.E38.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 West Win (G.S10.E39.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 South Win (G.S10.E40.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 East Win (G.S10.E41.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 South Win (G.S10.E42.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 West Win (G.S10.E43.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 South Win (G.S10.E44.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 East Win (G.S10.E45.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 South Win (G.S10.E46.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 West Win (G.S10.E47.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 South Win (G.S10.E48.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 East Win (G.S10.E49.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 South Win (G.S10.E50.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 West Win (G.S10.E51.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 South Win (G.S10.E52.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 East Win (G.S10.E53.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 South Win (G.S10.E54.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 West Win (G.S10.E55.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 South Win (G.S10.E56.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 East Win (G.S10.E57.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 South Win (G.S10.E58.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 West Win (G.S10.E59.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 South Win (G.S10.E60.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 East Win (G.S10.E61.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 South Win (G.S10.E62.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 West Win (G.S10.E63.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 South Win (G.S10.E64.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 East Win (G.S10.E65.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 North Win (G.E13.E67.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 East Win (G.E13.E68.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 East Win (G.E13.E69.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 West Win (G.NW17.E70.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 North Win (G.NW17.E71.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 North Win (G.N18.E72.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 South Win (G.E19.E73.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 East Win (G.E19.E74.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 North Win (G.E19.E75.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 North Win (G.W21.E76.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 West Win (G.W21.E77.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 South Win (G.W21.E78.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |

eQUEST 3.65 Residential Multi Family Tem                          DOE-2.3-50h    1/13/2023    10:20:00   BDL RUN  7

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 |
|---|---|---|---|---|---|---|---|
| L6 West Win (G.W21.E79.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 North Win (G.W21.E80.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 West Win (G.W21.E81.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 South Win (G.W21.E82.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 West Win (G.W21.E83.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 North Win (G.W21.E84.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 West Win (G.W21.E85.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 West Win (G.W21.E86.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 South Win (G.SW22.E87.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 West Win (G.SW22.E88.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 South Win (G.SW22.E89.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 West Win (G.SW22.E90.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 East Win (G.S24.E91.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 South Win (G.S24.E92.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L6 South Win (G.S24.E93.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 South Win (G.N3.E1.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 North Win (G.N3.E2.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 East Win (G.N3.E3.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 North Win (G.N4.E4.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 South Win (G.E5.E5.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 East Win (G.E5.E6.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 North Win (G.E5.E7.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 North Win (G.W6.E9.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 West Win (G.W6.E10.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 West Win (G.W7.E11.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 East Win (G.E8.E12.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 South Win (G.E9.E13.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 West Win (G.E9.E14.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 South Win (G.E9.E15.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 East Win (G.E9.E16.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 North Win (G.E9.E17.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 South Win (G.SSW10.E18.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 East Win (G.SSW10.E19.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 South Win (G.SSW10.E20.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 West Win (G.SSW10.E21.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 South Win (G.SSW10.E22.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 East Win (G.SSW10.E23.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 South Win (G.SSW10.E24.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 West Win (G.SSW10.E25.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 South Win (G.SSW10.E26.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 East Win (G.SSW10.E27.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 South Win (G.SSW10.E28.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 West Win (G.SSW10.E29.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 South Win (G.SSW10.E30.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 East Win (G.SSW10.E31.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 South Win (G.SSW10.E32.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 West Win (G.SSW10.E33.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 South Win (G.SSW10.E34.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 East Win (G.SSW10.E35.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 South Win (G.SSW10.E36.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 West Win (G.SSW10.E37.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 South Win (G.SSW10.E38.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 East Win (G.SSW10.E39.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 South Win (G.SSW10.E40.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |

eQUEST 3.65 Residential Multi Family Tem                    DOE-2.3-50h    1/13/2023    10:20:00  BDL RUN  7

REPORT- LV-H Details of Windows                                    WEATHER FILE- SEATTLE BOEING FI WA
-----------------------------------------------------------------------------------------------------(CONTINUED)--------

| WINDOW<br>NAME | SETBACK<br>(FT) | GLASS<br>SHADING<br>COEFF | NUMBER<br>OF<br>PANES | CENTER-OF-<br>GLASS U-VALUE<br>(BTU/HR-SQFT-F) | GLASS<br>VISIBLE<br>TRANS | GLASS<br>SOLAR<br>TRANS | SURFACE TO<br>ROUGH OPEN<br>AREA RATIO |
|---|---|---|---|---|---|---|---|
| L7 West Win (G.SSW10.E41.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 South Win (G.SSW10.E42.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 East Win (G.SSW10.E43.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 South Win (G.SSW10.E44.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 West Win (G.SSW10.E45.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 South Win (G.SSW10.E46.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 East Win (G.SSW10.E47.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 West Win (G.SSW10.E48.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 East Win (G.E13.E50.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 West Win (G.W18.E51.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 South Win (G.SW19.E52.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 West Win (G.SW19.E53.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 North Win (G.C20.E54.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 West Win (G.NW21.E55.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 North Win (G.NW21.E56.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 North Win (G.NE22.E57.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 East Win (G.NE22.E58.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 East Win (G.SSE23.E59.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L7 South Win (G.SSE23.E60.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L8 East Win (G.E3.E4.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L8 West Win (G.W8.E10.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L8 South Win (G.SW9.E12.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L8 West Win (G.SW9.E13.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L8 East Win (G.C10.E15.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L8 West Win (G.NW11.E17.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L8 North Win (G.NW11.E18.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L8 North Win (G.NE12.E20.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L8 East Win (G.NE12.E21.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L8 South Win (G.S13.E23.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L8 South Win (G.SE14.E25.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |
| L8 East Win (G.SE14.E26.W1) | 0.00 | 0.46 | 1 | 0.400 | 0.600 | 0.878 | 1.000 |