

February 8, 2019

• Weber County
• Building Inspection Department
• 2380 Washington Boulevard, Suite 240
• Oden, Utah 84401

• Attn: Craig Browne
• CC: Mike Molyneux, WC3

• Mr. Browne,

• Please see below for our responses to the Code Review and Energy Review comment provided by WC3 on August 3, 2018 regarding the Eisenberg SFD at Summit Powder Mountain in Eden, Utah.

The responses below were discussed briefly with Mike Molyneux of WC3.

Code Review Comments:

A1. Please refer to 6/A002 for an additional diagram that clarifies the number of stories above grade.

A2. All overhangs that are closer than 5'-0" to the property line are clad in fully non-combustible material (zinc). The strapping that supports the cladding is intended to be standard dimensional lumber, however it is never exposed to the exterior. An example of this detail can be found on 1/A510.

A3. The dumbwaiter has been deleted from the project.

A4. Please see the additional notes on sheet A900.

A5. Please see location of equipment on 2/A201 as provided by Thermal Engineering LLC

A6. Please see additional notes on 2/A400, 2/A610, 4/A611.

Energy Review Comments:

N1. The glazing walls are accounted for in the RESCheck. Please see screenshots below:

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Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	U-Factor	UA
Ceiling 1 (sloped roof): Cathedral Ceiling Comment: Roof Assembly Type 1	403	36.0	8.0	0.023	9
Ceiling 2 (viewing deck): Steel Truss Comment: Roof Assembly Type 2	576	36.0	7.5	0.025	14
East Wall (metal): Wood Frame, 16" o.c. Orientation: Right side Comment: Exterior Wall Assembly 1 & 2	1,014	36.0	8.0	0.030	28
Window 4: Metal Frame with Thermal Break:Double Pane with Low-E Orientation: Unspecified	40			0.320	13
Window 9 & 10: Metal Frame with Thermal Break:Double Pane with Low-E Orientation: Unspecified	17			0.320	5
Window 11: Metal Frame with Thermal Break:Double Pane with Low-E Orientation: Unspecified	11			0.320	4
East Wall (boardform): Solid Concrete or Masonry:Interior Insulation Orientation: Right side Comment: Foundation Wall Assembly 1	159	18.0	6.0	0.045	7
East Wall (curtain wall): Other Wall Orientation: Right side Comment: spandrel	124			0.061	1
Window 3: Metal Frame with Thermal Break:Double Pane with Low-E Orientation: Unspecified	113			0.320	36

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	U-Factor	UA
South Wall (metal): Wood Frame, 16" o.c. Orientation: Front Comment: Exterior Wall Assembly 2	232	36.0	5.0	0.034	4
Door Tag 6 - nana wall: Metal Frame with Thermal Break:Double Pane with Low-E Orientation: Front	68			0.370	25
Door Tag 5: Glass Orientation: Front	24			0.440	11
Door Tag 7: Glass Orientation: Front	24			0.440	11
South Wall (curtain wall): Other Wall Orientation: Front Comment: spandrel	543			0.061	7
Window 2: Metal Frame with Thermal Break:Double Pane with Low-E Orientation: Unspecified Comment: Window Tag 2	436			0.320	140
South Wall (garage wall): Wood Frame, 16" o.c. Orientation: Front	184	30.0	5.0	0.037	5
Door E: Solid Orientation: Unspecified Comment: Door Tag E	23			0.090	2
Door A: Glass Orientation: Unspecified Comment: Door Tag A	23			0.440	10
West Wall (metal): Wood Frame, 16" o.c. Orientation: Left side Comment: Exterior Wall Assembly 1 & 2	1,014	36.0	8.0	0.030	28
Window 8: Metal Frame with Thermal Break:Double Pane with Low-E Orientation: Left side	40			0.320	13
Window 15 & 16: Metal Frame with Thermal Break:Double Pane with Low-E Orientation: Left side	17			0.320	5
Window 14: Metal Frame with Thermal Break:Double Pane with Low-E Orientation: Unspecified	11			0.320	4
Door F: Solid Orientation: Unspecified	21			0.090	2
West Wall (boardform): Solid Concrete or Masonry:Interior Insulation Orientation: Left side Comment: Foundation Wall Assembly	159	18.0	6.0	0.045	7
West Wall (curtain wall): Other Wall Orientation: Left side Comment: spandrel	124			0.061	1
Window 1: Metal Frame with Thermal Break:Double Pane with Low-E Orientation: Unspecified	113			0.320	36
North Wall (metal): Wood Frame, 16" o.c. Orientation: Back Comment: Exterior Wall Assembly 6	533	30.0	8.0	0.033	18

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N2. Please refer to 1/A001 for assemblies with R-Values.

Thank you for your comments and your thorough review. If you require any further clarification regarding the drawings or the responses above please do not hesitate to contact our office.

Best,



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