



APPROVED

Envelope Compliance Certificate

These Plans have been reviewed by the 2017.1 Code of Building Safety on behalf of the local government. They have been found to be in substantial compliance with building code. Please refer to any notes marked on the plan. This is not an approval of any violation of the code. Corrections will be required for code violations found during inspections.

BLD1804-00035
05/02/18

Energy Code: 2008 IECC
Project Title: Cornerstone Teen Center
Project Type: Addition

| | | |
|--|--|---|
| Construction Site: Nezperce, ID | Owner/Agent: Mark & Shiloh Hand Nezperce, ID | Designer/Contractor: Rhonda Wernhoff Cottonwood, ID |
| Building Location (for weather data): Climate Zone: | Nezperce, Idaho 5b | |

| | |
|---------------------------------------|-------------------|
| Building Use: Activity Type(s) | Floor Area |
| 1-Convention Center : Nonresidential | 1528 |

Section 2: Envelope Assemblies and Requirements Checklist

Envelope PASSES: Design 4% better than code.

Envelope Assemblies:

| Component Name/Description | Gross Area or Perimeter | Cavity R-Value | Cont. R-Value | Proposed U-Factor | Budget U-Factor ^(a) |
|---|-------------------------|----------------|---------------|-------------------|--------------------------------|
| Roof 1: Attic Roof with Wood Joists, [Bldg. Use 1 - Convention Center] | 968 | 5.0 | 50.0 | 0.018 | 0.027 |
| Roof 2: Attic Roof with Wood Joists, [Bldg. Use 1 - Convention Center] | 560 | 30.0 | 10.0 | 0.025 | 0.027 |
| Exterior Wall 1: Wood-Framed, 16" o.c., [Bldg. Use 1 - Convention Center] | 522 | 19.0 | 5.0 | 0.048 | 0.064 |
| Exterior Wall 2: Wood-Framed, 16" o.c., [Bldg. Use 1 - Convention Center] | 816 | 30.0 | 5.0 | 0.039 | 0.064 |
| Exterior Wall 3: Concrete Block:8", Partially Grouted, Cells Empty,Light Density , Furring: Wood, [Bldg. Use 1 - Convention Center] | 1088 | 11.0 | 10.0 | 0.046 | 0.090 |
| Door 1: Insulated Metal, Swinging, [Bldg. Use 1 - Convention Center] | 21 | --- | --- | 0.350 | 0.700 |
| Door 2: Other Door, Non-Swinging, [Bldg. Use 1 - Convention Center] | 168 | --- | --- | 0.350 | 0.500 |
| Floor 1: Slab-On-Grade:Heated, Horizontal without vertical 2 ft., [Bldg. Use 1 - Convention Center] | 160 | --- | 14.0 | --- | --- |

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) 'Other' components require supporting documentation for proposed U-factors.

Air Leakage, Component Certification, and Vapor Retarder Requirements:

- q 1. All joints and penetrations are caulked, gasketed or covered with a moisture vapor-permeable wrapping material installed in accordance with the manufacturer's installation instructions.
- q 2. Windows, doors, and skylights certified as meeting leakage requirements.
- q 3. Component R-values & U-factors labeled as certified.
- q 4. No roof insulation is installed on a suspended ceiling with removable ceiling panels.
- q 5. 'Other' components have supporting documentation for proposed U-Factors.
- q 6. Insulation installed according to manufacturer's instructions, in substantial contact with the surface being insulated, and in a manner that achieves the rated R-value without compressing the insulation.
- q 7. Stair, elevator shaft vents, and other outdoor air intake and exhaust openings in the building envelope are equipped with motorized dampers.



and locking mechanisms are weather sealed
 gaskets are installed in the building envelope and Type IC rated doors meeting ASTM E283, are sealed with gasket or caulk.
 entrance doors have a vestibule equipped with self-closing devices.

entrances with revolving doors.
 : intended to be used as a building entrance
 it open directly from a space less than 3000 sq. ft. in area.
 and primarily to facilitate vehicular movement or materials handling and adjacent personnel doors.
 opening directly from a sleeping/dwelling unit.

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Section 3: Compliance Statement

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Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed envelope system has been designed to meet the 2009 IECC requirements in COMcheck Version 4.0.7.1 and to comply with the mandatory requirements in the Requirements Checklist.

 Name - Title

 Signature

 Date