

Permit #
Permit Date



COMcheck Software Version 3.1 Release 1

Envelope Compliance Certificate

Standard 90.1-2001

Report Date: 06/09/06

Data filename: C:\Documents and Settings\Steve Hill\Local Settings\Temporary Internet Files\OLK79\clubhouse.cck

Section 1: Project Information

Project Title: Ashford Place Apartments - Clubhouse

Construction Site:
107 Ashford Place Drive
West Monroe, LA 71294

Owner/Agent:
Steve Bryan
The Bryan Company
779 Avery Blvd. North
Ridgeland, MS 39157
(601) 956-1533
info@bryancompany.com

Designer/Contractor:
Stephen Hill
Stephen G. Hill, Architect
4646 Poplar Ave., Suite 208
Memphis, TN 38117
(901) 683-3400
steve@beattyhill.com

Section 2: General Information

Building Location (for weather data): **West Monroe, Louisiana**
 Heating Degree Days (base 65 degrees F): **2407**
 Cooling Degree Days (base 50 degrees F): **6039**
 Building Type for Envelope Requirements: **Non-Residential**
 Project Type: **New Construction**
 Glazing Area Percentage: **24%**

Building Type	Floor Area
Office	3102

Section 3: Requirements Checklist

Envelope PASSES: Design 2% better than code.

Climate-Specific Requirements:

Component Name/Description	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor
Roof 1: Attic Roof with Wood Joists	3102	38.0	0.0	0.027	0.034
Exterior Wall 1: Wood-Framed, 16" o.c.	2844	13.0	0.0	0.089	0.089
Window 1: Metal Frame:Double Pane with Low-E, Clear, Fixed, SHGC 0.64, PF 0.12	468	---	---	0.550	1.220
Door 1: Insulated Metal, Swinging	42	---	---	0.500	0.700
Door 2: Glass, Clear, SHGC 0.25, PF 0.70	210	---	---	0.920	1.220
Floor 1: Slab-On-Grade:Unheated	316	---	---	---	---

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.

Insulation:

- 1. Open-blown or poured loose-fill insulation has not been used in attic roof spaces with ceiling slope greater than 3 in 12.
- 2. Wherever vents occur, they are baffled to deflect incoming air above the insulation.
- 3. Recessed lights, equipment and ducts are not affecting insulation thickness.

- 4. No roof insulation is installed on a suspended ceiling with removable ceiling panels.
- 5. All exterior insulation is covered with protective material.
- 6. Cargo and loading dock doors are equipped with weather seals.

Fenestration and Doors:

- 7. Windows and skylights are labeled and certified by the manufacturer for U-factor and SHGC.
- 8. Fixed windows and skylights unlabeled by the manufacturer have been site labeled using the default U-factor and SHGC.
- 9. Other unlabeled vertical fenestration, operable and fixed, that are unlabeled by the manufacturer have been site labeled using the default U-factor and SHGC. No credit has been given for metal frames with thermal breaks, low-emissivity coatings, gas fillings, or insulating spacers.

Air Leakage and Component Certification:

- 10. All joints and penetrations are caulked, gasketed, weather-stripped, or otherwise sealed.
- 11. Windows, doors, and skylights certified as meeting leakage requirements.
- 12. Component R-values & U-factors labeled as certified.
- 13. Building entrance doors have a vestibule and equipped with closing devices.

Exceptions:

Buildings less than four stories above grade. Building entrances with revolving doors.
Doors that open directly from a space less than 3000 sq. ft. in area.

Section 4: Compliance Statement

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 Standard 90.1-2001 requirements in COMcheck Version 3.1 Release 1 and to comply with the mandatory requirements in the Requirements Checklist.

Principal Envelope Designer-Name

Signature

Date