



COMcheck Software Version 3.3.1
Envelope Compliance Certificate

2003 IECC

Report Date: 03/20/07

Data filename: C:\Program Files\Check\COMcheck\121 2642 00 - CVS #3892 - Denmark, SC.ccr

Section 1: Project Information

Project Title: CVS #3892

Construction Site:
Heritage Highway
Denmark, SC

Owner/Agent:
D & M Holdings
880 S. Pleasantburg Drive
Greenville, SC 29607
(864) 517-3600

Designer/Contractor:
Richard Walker
LITTLE
3015 Westpark Drive
Charlotte, NC 28217
(704) 551-8776
rwalker@lidline.com

Section 2: General Information

Building Location (for weather data): Denmark, South Carolina
Climate Zone: 5a
Heating Degree Days (base 65 degrees F): 2263
Cooling Degree Days (base 65 degrees F): 2016
Project Type: New Construction
Vertical Glazing / Wall Area Pct.: 6%

Building Type: Retail Store
Retail Sales, Wholesale Showroom: 11940

Section 3: Requirements Checklist

Climate-Specific Requirements:

Component Name/Description	Gross Area or Perimeter	Cavity R-Value	Cent. R-Value	Proposed U-Factor	Budget U-Factor
Roof 1: Metal Panel without Thermal Breaks	11940	0.0	16.0	0.053	0.072
Exterior Wall 1: CMU <=8" with Integral Insulation, Furring: Metal	2058	0.0	5.0	0.113	0.174
Window 1: Metal Frame with Thermal Break: Double Pane with Low-E, Clear, SHGC 0.68	59	---	---	0.330	1.230
Window 2: Metal Frame with Thermal Break: Double Pane with Low-E, Clear, SHGC 0.68	53	---	---	0.330	1.230
Door 1: Solid	24	---	---	0.410	0.277
Exterior Wall 2: CMU <=8" with Integral Insulation, Furring: Metal	1595	0.0	0.6	0.292	0.174
Window 3: Metal Frame with Thermal Break: Double Pane with Low-E, Clear, SHGC 0.68	76	---	---	0.330	1.230
Window 4: Metal Frame with Thermal Break: Double Pane with Low-E, Clear, SHGC 0.68	75	---	---	0.330	1.230
Exterior Wall 3: CMU <=8" with Integral Insulation, Furring: Metal	1838	0.0	0.6	0.292	0.174
Exterior Wall 4: CMU <=8" with Integral Insulation, Furring: Metal	938	0.0	0.6	0.292	0.174
Door 2: Solid	46	---	---	0.410	0.277
Exterior Wall 5: CMU <=8" with Integral Insulation, Furring: Metal	223	0.0	0.6	0.292	0.174
Window 5: Metal Frame with Thermal Break: Double Pane with Low-E, Clear, SHGC 0.68	49	---	---	0.330	1.230

CVS #3892

Page 1 of 2

Door 3: Glass, Clear, SHGC 0.81	68	---	---	0.330	1.230
Exterior Wall 6: CMU <=8" with Integral Insulation, Furring: Metal	407	0.0	0.6	0.292	0.174
Window 6: Metal Frame: Double Pane with Low-E, Clear, SHGC 0.68	27	---	---	0.330	1.230
Floor 1: Slab-On-Grade-Unheated, Vertical 3 ft.	438	---	5.0	---	---

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

Air Leakage, Component Certification, and Vapor Retarder Requirements:

- 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.
- 2. Windows, doors, and skylights certified as meeting leakage requirements.
- 3. Component R-values & U-factors labeled as certified.
- 4. 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.
- 5. Stack, elevator shaft vents, and other dampers integral to the building envelope are equipped with motorized dampers.
- 6. Cargo doors and loading dock doors are weather sealed.
- 7. Pressurized lighting fixtures are: (i) Type IC rated and sealed or gasketed; or (ii) installed inside an appropriate air-tight assembly with a 0.05 inch clearance from combustible materials and with 3 inches clearance from insulation material.
- 8. Building entrance doors have a vestibule and equipped with closing devices.

Exceptions:
Building entrances with revolving doors.
Doors that open directly from a space less than 3000 sq. ft. in area.
Note: Vapor retarder not required in this location.

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 2003 IECC requirements in COMcheck Version 3.3.1 and to comply with the mandatory requirements in the Requirements Checklist.

DALE A. BRIGHAM - ARCHITECT Dale A. Brigham 3/20/07
Name - Title Signature Date

CVS #3892

Page 2 of 2

SCHEDULE OF SPECIAL INSPECTION SERVICES

- No special inspections required for this project Special inspections required

The following sheets comprise the required schedule of special inspections for this project. The construction divisions which require special inspections for this project are as follows:

- IT-1 Verification of Soils
- IT-2 Excavation and Fill
- IT-3 Piling and Drilling Piers
- IT-4 Modular Retaining Walls
- IT-5 Reinforced Concrete
- IT-6 Post Tension Slab
- IT-7 Pre-cast Concrete Erection
- IT-8 Pre-stressed Concrete
- IT-9 Inspection of Pre-Cast Fabricators
- IT-10 Inspection of Structural Steel Fabricators
- IT-11 Structural Masonry
- IT-12 Welding
- IT-13 High Strength Bolts & Steel Framing Insp.
- IT-14 Sprayed Fire-Resistance Materials
- IT-15 Exterior Insulation and Finish system *
- IT-16 Seismic Resistance
- IT-17 Smoke Control
- IT-18 Detention Basin
- IT-19 Special Cases

Check the above boxes for the special inspection required for this project.

*Special inspections required for EIFS installation unless an approved drainable system is selected for installation in such case - submittal review & approval by architect is required.

LITTLE

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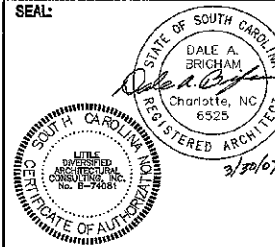
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CONSULTANT:

SEAL:



CVS/
pharmacy

SOUTHERN - 11,945 LEFT

STORE NUMBER: 3892

East Barunch Street (U.S. Hwy 78)
Denmark, SC

DEVELOPER:

D & M HOLDINGS, LLC
880 S. PLEASANTBURG DRIVE
SUITE 3-B
GREENVILLE, SC 29607
TEL (864) 517-3600
FAX (864) 236-6961

REVISIONS:

CVS PROJECT MANAGER: CDM

DRAWING BY: JMC

DATE: 30 Mar 2007

JOB NUMBER: 121-3060

TITLE:

ADDITIONAL
CODE INFORMATION:

SHEET NUMBER:

CS-1

COMMENTS: