Form # P 04

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

CITY OF PORTLAND

BUREAU OF INSPECTION

PERMIT

Permit Number: 070425

PERMIT ISSUED

MAY 15 2007

CITY OF PORTLAND

Please Read Application And Notes, If Any, Attached

This is to certify that MCRAE TERI E /TrueNorth Home System

has permission to Installation of 436 sf basement finishing system

AT 619 ALLEN AVE 399 A00600

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of Oregon and of the Ordinances of the City of Portland regulating the construction, maintenance and use of buildings and structures, and of the application on file in this department.

Apply to Public Works for street line and grade if nature of work requires such information.

Notification of inspection must be given and when permission procured before this building or part thereof is laid or closed-in 24 HOUR NOTICE IS REQUIRED.

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

OTHER REQUIRED APPROVALS

Fire Dept. _____

Health Dept. _____

Appeal Board _____

Other _____
Department Name

5/17/07 _____
Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No:	Issue Date:	CBL:
07-0425		399 A006001

Location of Construction:	Owner Name:	Owner Address:	Phone:
619 ALLEN AVE	MCRAE TERI E	619 ALLEN AVE	
Business Name:	**Contractor Name:**	**Contractor Address:**	**Phone**
	TrueNorth Home System	91 Industrial Park Rd Saco	2079852300
Lessee/Buyer's Name	**Phone:**	**Permit Type:**	**Zone:**
		Alterations -	R-3

Past Use:	Proposed Use:	Permit Fee:	Cost of Work:	CEO District:
Single Family	Single Family installation of 436 sf basement finishing system	$140.00	$12,000.00	4

FIRE DEPT: ☐ Approved ☐ Denied

Signature:

INSPECTION:
Use Group: R-3 Type: 5B
IRC-2007

Signature: 5/15/07

Proposed Project Description:
Installation of 436 sf basement finishing system

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)

Action: ☐ Approved ☐ Approved w/Conditions ☐ Denied

Signature: Date:

Permit Taken By:	Date Applied For:
dmartin	04/2[illegible]/2007

1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.
2. Building permits do not include plumbing, septic or electrical work.
3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..

PERMIT ISSUED
MAY 15 2007
CITY OF PORTLAND

Zoning Approval

Special Zone or Reviews	Zoning Appeal	Historic Preservation
☐ Shoreland	☐ Variance	☑ Not in District or Landmark
☐ Wetland	☐ Miscellaneous	☐ Does Not Require Review
☐ Flood Zone	☐ Conditional Use	☐ Requires Review
☐ Subdivision	☐ Interpretation	☐ Approved
☐ Site Plan	☐ Approved	☐ Approved w/Conditions
Maj ☑ Minor ☐ MM ☐	☐ Denied	☐ Denied
Date: 4/27/07 OK with conditions	Date:	Date:

CERTIFICATION

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT | ADDRESS | DATE | PHONE

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE | DATE | PHONE

City of Portland, Maine - Building or Use Permit

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No:	Date Applied For:	CBL:
07-0425	04/20/2007	399 A006001

Location of Construction:	Owner Name:	Owner Address:	Phone:
619 ALLEN AVE	MCRAE TERI E	619 ALLEN AVE	
Business Name:	**Contractor Name:**	**Contractor Address:**	**Phone**
	TrueNorth Home System	91 Industrial Park Rd Saco	(207) 985-2300
Lessee/Buyer's Name	**Phone:**	**Permit Type:**	
		Alterations - Dwellings	

Proposed Use:	Proposed Project Description:
Single Family installation of 436 sf basement finishing system	Installation of 436 sf basement finishing system

Dept: Zoning **Status:** Approved with Conditions **Reviewer:** Marge Schmuckal **Approval Date:** 04/27/2007

Note: **Ok to Issue:** ☑

1) This property shall remain a single family dwelling. Any change of use shall require a separate permit application for review and approval.
2) Separate permits shall be required for future decks, sheds, pools, and/or garages.
3) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.
4) This is NOT an approval for an additional dwelling unit. You SHALL NOT add any additional kitchen equipment including, but not limited to items such as stoves, microwaves, refrigerators, or kitchen sinks, etc. Without special approvals.

Dept: Building **Status:** Approved with Conditions **Reviewer:** Residential Plan Revie **Approval Date:** 05/15/2007

Note: **Ok to Issue:** ☑

1) Permit approved based on the plans submitted and reviewed w/owner/contractor, with additional information as agreed on and as noted on plans.
2) This basement area is not approved as a bedroom and is not to be used as such.
3) Separate permits are required for any electrical, plumbing, or HVAC systems.
Separate plans may need to be submitted for approval as a part of this process.

All Purpose Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: 619 Allen Avenue		
Total Square Footage of Proposed Structure: 436	Square Footage of Lot:	
Tax Assessor's Chart, Block & Lot Chart# 399 Block# A Lot# 0006	Owner: Allen + Teri McRae	Telephone: (207) 797-8633
Lessee/Buyer's Name (If Applicable): n/a	Applicant name, address & telephone: TrueNorth Home Systems 91 Industrial Park Road Saco Me 04072 -985-2300x211	Cost Of Work: $ 12,000 **Fee: $**

Current use: Single-family residence

If the location is currently vacant, what was prior use: _____

Approximately how long has it been vacant: _____

Proposed use: Single-family residence

Project description: Installation of 436 sq ft basement finishing system

Contractor's name, address & telephone:

Who should we contact when the permit is ready: _____

Mailing address:

DEPT. OF BUILDING INSPECTION
CITY OF PORTLAND, MAINE
APR 20 2007
RECEIVED

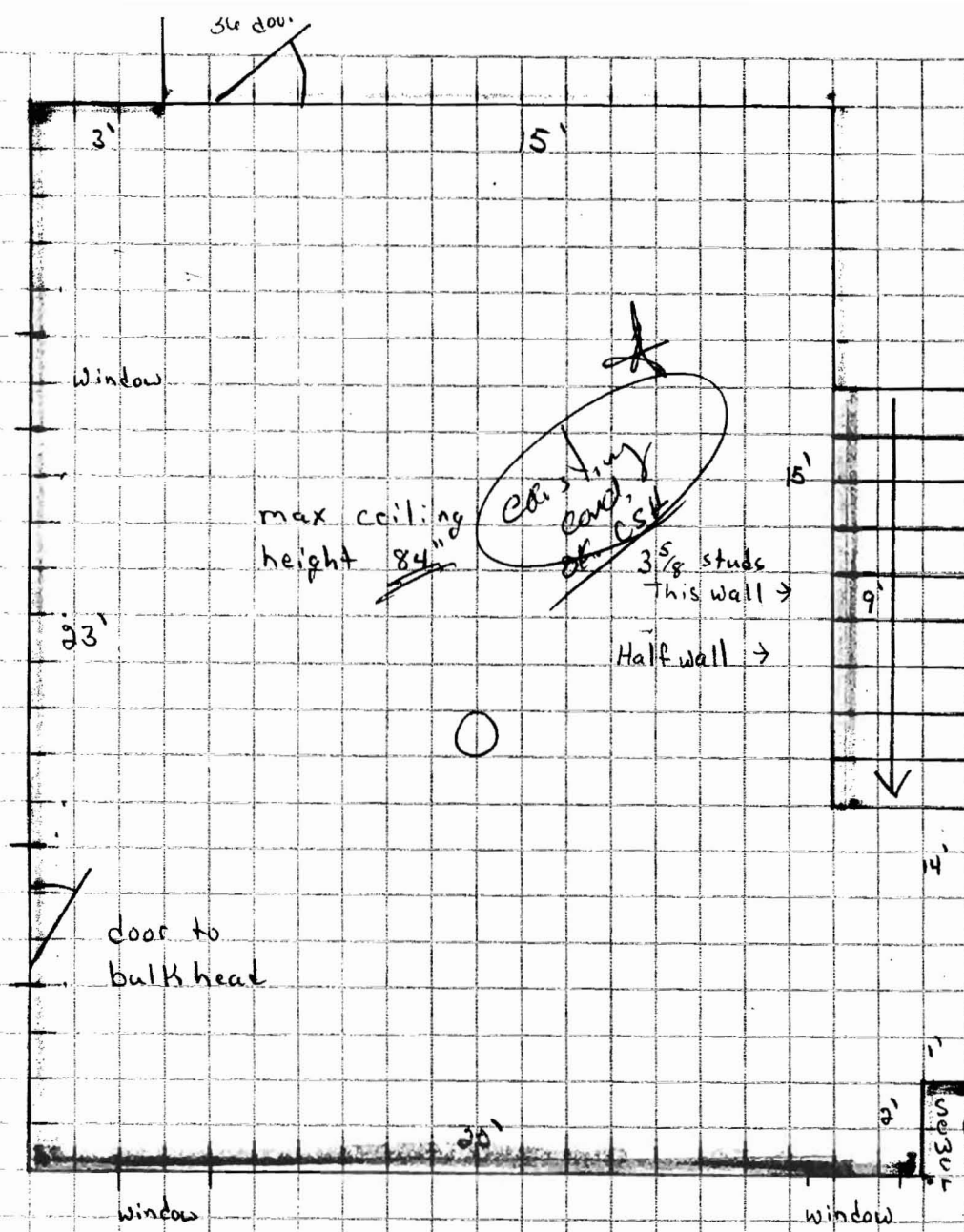
We will contact you by phone when the permit is ready. You must come in and pick up the permit and review the requirements before starting any work, with a Plan Reviewer. A stop work order will be issued and a $100.00 fee if any work starts before the permit is picked up. **PHONE:**

IF THE REQUIRED INFORMATION IS NOT INCLUDED IN THE SUBMISSIONS THE PERMIT WILL BE AUTOMATICALLY DENIED AT THE DISCRETION OF THE BUILDING/PLANNING DEPARTMENT, WE MAY REQUIRE ADDITIONAL INFORMATION IN ORDER TO APROVE THIS PERMIT.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature of applicant: Tim N Valiades-TrueNorth	**Date:** 4-16-07

This is NOT a permit, you may not commence ANY work until the permit is issued.
If you are in a Historic District you may be subject to additional permitting and fees with the Planning Department on the 4th floor of City Hall



Sheetrock : 9 LF

1" : 15 - 15 - 14 - 1 - 2 = 47 LF

2.5" : 20 - 23 - 3 = 46 LF

steel studs : 15 - 15 - 1 - 2 = 33 LF

ceiling : 436 sq ft

move stringer over to get one inch panels down

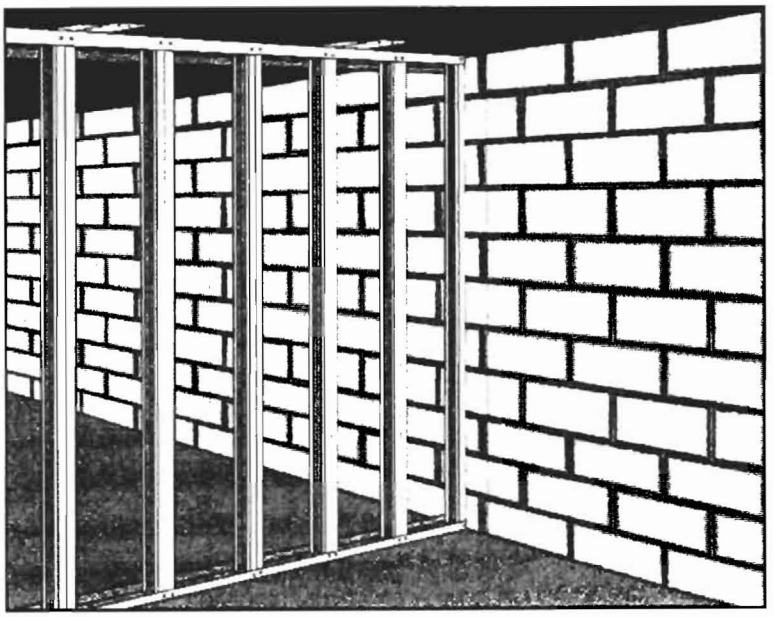
cap with Jamb Extender

← bulkhead at bottom of stairs for headroom

Overview

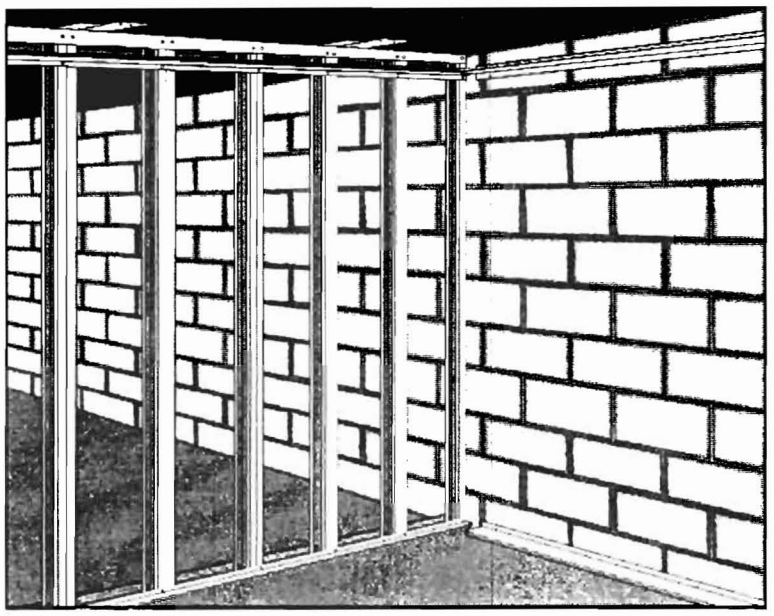
Steel Frame Walls

- Construct full height steel frame walls
- Studs are attached back to back
- Made with 25ga. 2-1/2" or 1-5/8" studs



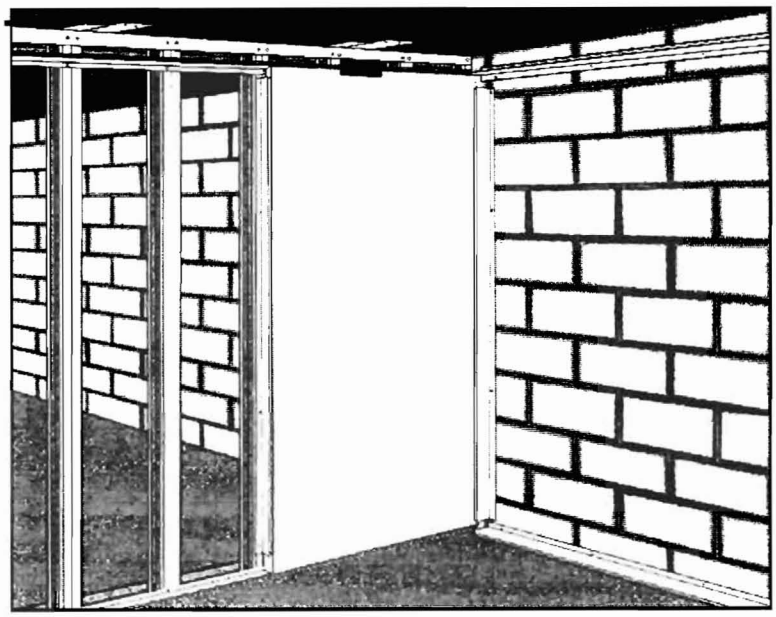
Ceiling & Floor Lineals

- Proprietary lineals are attached to the wall so the trim can be snapped into place which holds the panels.
- Ceiling lineals are used instead of the wall angle for the ceiling grid
- Floor lineals are installed so they follow the contour of the floor.



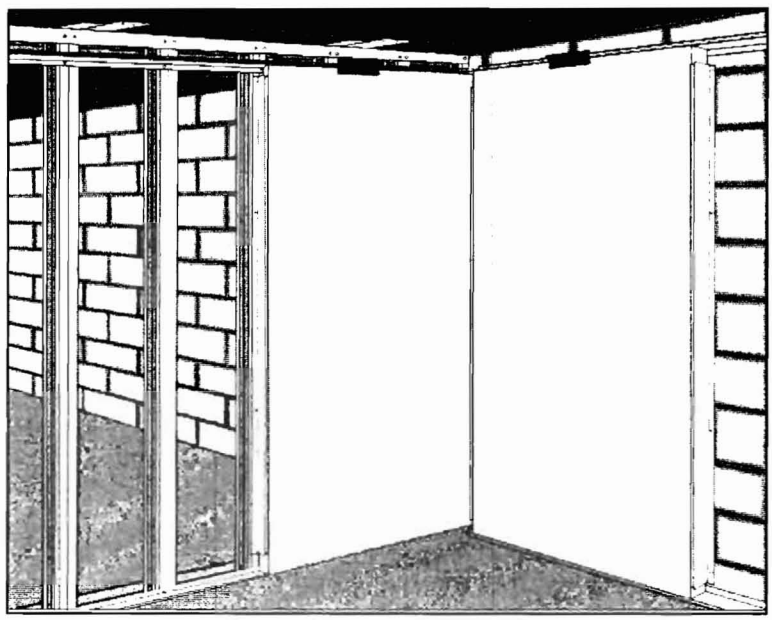
Corner Lineal & Panel

- Cut and set panel place. Snap a small piece of cove trim into the ceiling lineal to hold the panel in place.
- Cut all vertical lineals to length so they fit between the floor and ceiling lineals, NOT overlapping. Slide the corner lineal up snug to the panel and check for plumb.
- Use the same procedure on the other side of the panel and fasten to stud.



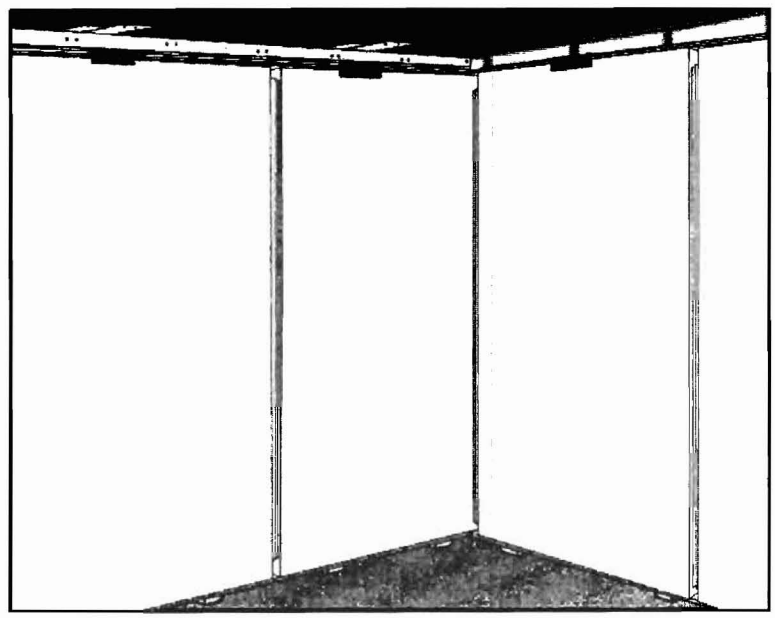
Second Corner Panel

- Cut and set next panel in place.
- Slide the vertical lineal up snug to the panel and fasten to wall.



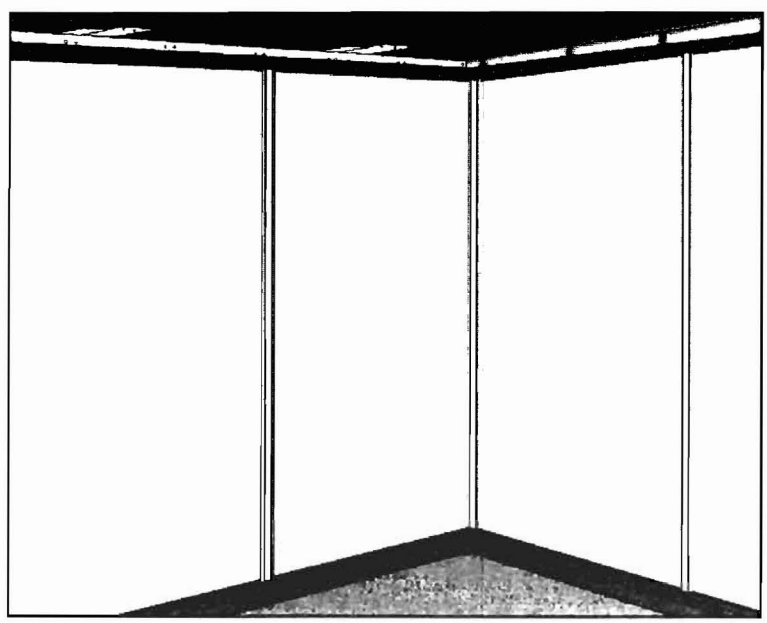
Vertical Lineals and Panels

- Install full width panels for the rest of the wall until you meet a door or corner.



Trim

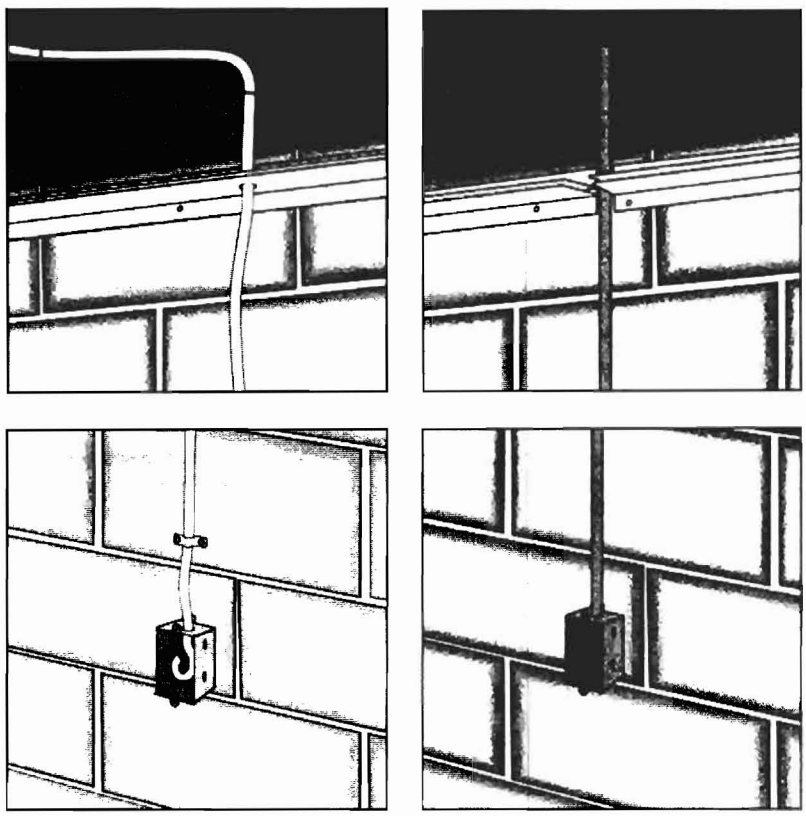
- Install horizontal base and cove trim first.
- Then install vertical corner and batten trim.



Electric Boxes

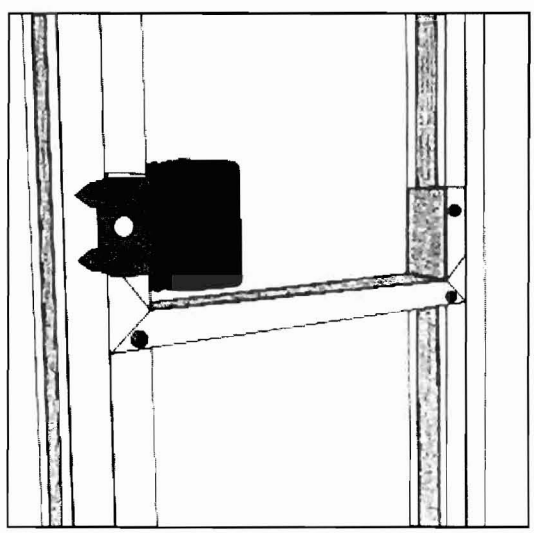
Attachment to Concrete Walls

- Use 2-1/2" deep boxes fastened directly to concrete wall with concrete screws.
- Attach wire or conduit to wall as required.



Attachment to Steel Frame Walls

- Fastened directly to the stud with a **brace as shown for support** between studs using sheet metal screws. This brace is important to keep the box from twisting. Pictured is a 3-1/4" deep "Adjust-A-Box" electric box by Carlon - Lamson & Sessions with 21.1 cu in volume. A single screw adjusts the box for the proper depth to the 1" interior panel.



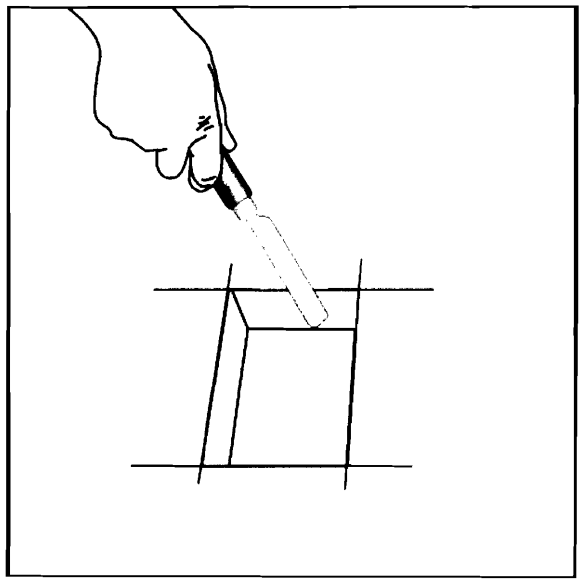
Cutting Panels for Electric Boxes

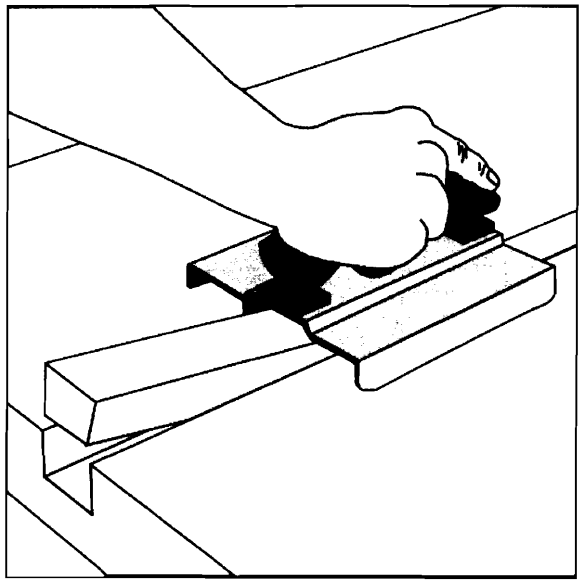
1" panels

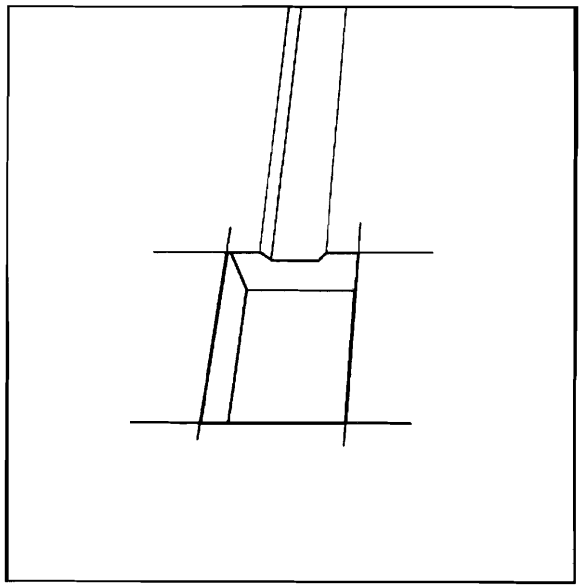
- Mark location of box.
- Cut out box opening

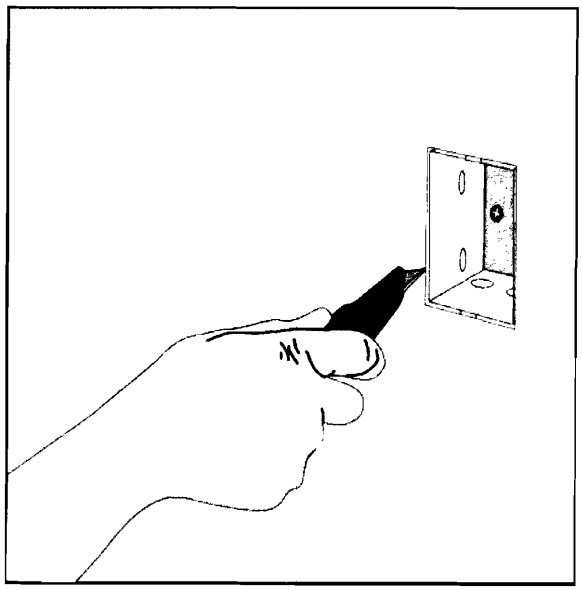
2-1/2" panels

- Mark location of box by placing the panel onto the wall and appling pressure to the front of the board so that an indentation of where the box is located is imprinted.
- Cutting from the back side, cut through the fiberglass with the pointed edge of a green handle knife, but not the facing. Use the rounded corner of the knife to finish cutting the fiberglass down to the facing. Remove the fiberglass plug.
- If conduit is used, groove the back of the board for the conduit to rest in using the grooving tool. (romex wiring does not require this)
- Install panel onto wall and finish cut the facing around the box with a razor knife or scissors.







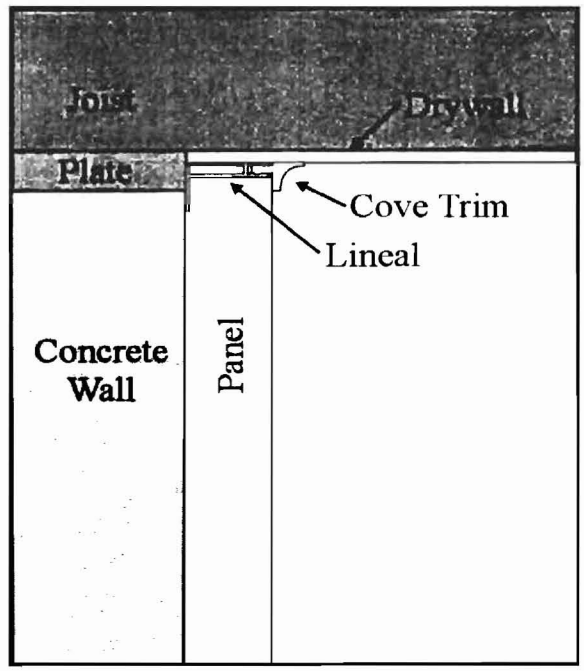


OWENS CORNING
INNOVATIONS FOR LIVING™

Ceiling

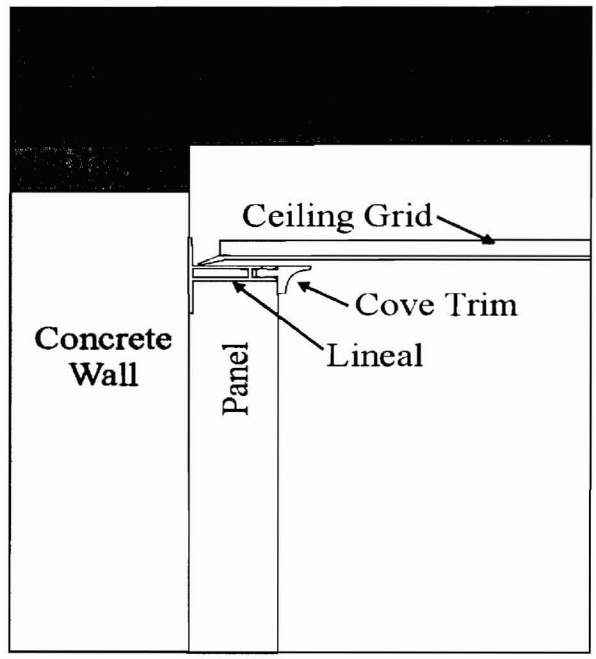
Installing to Existing Drywall Ceiling

- Remove one flange from a lineal (see page 16)
- Install it snug to the drywall ceiling. It may be fastened into the wall or ceiling joists.

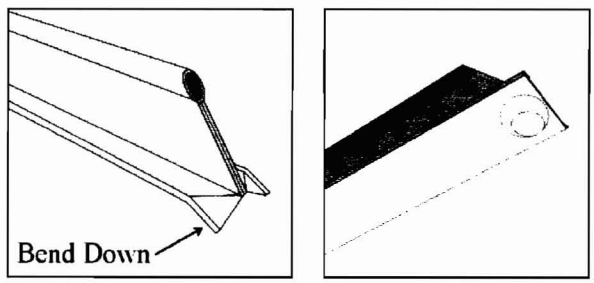


Drop Ceiling Installation

- Determine ceiling height, and mark wall 1-3/4" less.
- Snap a chalk line or use a laser to assure a level installation.
- Align the lineal to this line. Install two (2) fasteners every 24" to 30" along the ceiling lineal, one in each flange. If the fastener is within 3" of the top of the wall, use concrete screws to prevent damage to the concrete. This will be your wall angle for the ceiling grid.



Hint: When installing a Mohave tile ceiling, save yourself some time by raising the grid system slightly off of the ceiling lineal / wall angle so you do not have to cut a reveal edge around the perimeter of the room! Pictured here are two ways of raising the grid, using pliers to bend the corners down at 45 degree angles or by attaching a 3/16" thick cabinet door bumper.



Carpet Installation Guidelines

If carpet is *already* installed

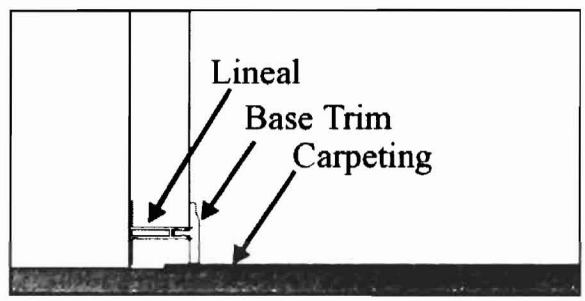
- To install floor lineals, snap short pieces of the base trim into the lineals to help locate the floor lineal onto the wall. This will help index the lineal the correct height off the floor.
- Visually check that the base trim lays flat on the carpet before attaching the lineal to the wall.

If carpet is *to be* installed

- If you know the type of flooring and its thickness, consider indexing the lineal and base trim off the floor so the flooring tucks under the base trim.
- If the carpet needs stretched, use a carpet re-stretcher, not a power stretcher.
- If the type of flooring cannot determined before installation, attach the lineals tight to the floor.

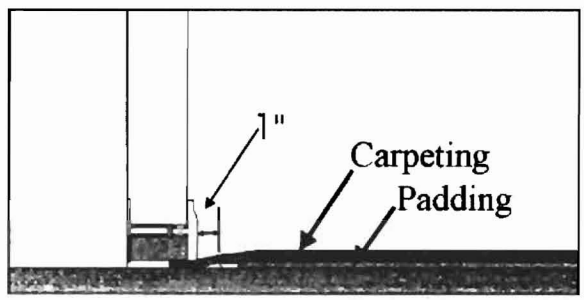
Glued carpet (or vinyl)

- Index off the floor the thickness of the flooring.



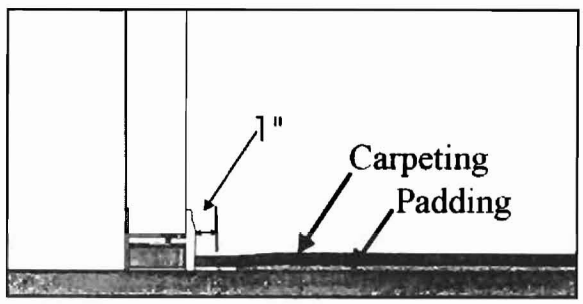
Lineals indexed off the floor

- Index off the floor depending on the thickness of the carpet (general rule of thumb is 1/2").
- Install tack strip 1" in front of the base trim.
- Tuck carpet under base trim as shown. ***Note**: Stiff carpets may require this.*



Lineals tight to the floor

- Install lineal tight to the floor.
- Install tack strip 1" in front of the base trim.
- Butt carpet to base trim as shown. ***Note**: Works only with pliable carpets.*



TECHNICAL
BULLETIN #2

University of Minnesota – Foundation Test Facility:

Evaluation of the R11 Basement Finishing System

Study Objective

To validate the theory that no vapor retarder should be used with the Basement Finishing System. This would be accomplished by obtaining point moisture condition and combined system moisture transport data for various vapor retarder configurations with the system. Of key interest is the locations in the basement system where moisture levels are high; the interior humidity and temperature conditions under which such high levels are achieved; as well as the interior temperature and humidity conditions required for complete moisture removal (wetting/drying curves).

The study was conducted at the University of Minnesota Foundation Test Facility and began in November of 1998. The Owens Corning Basement Finishing System (R11) was installed with three vapor retarder configurations:

- A polyethylene vapor retarder placed between the insulation and the foundation wall "Exterior Side Vapor Retarder"
- A polyethylene vapor retarder placed on the interior surface (between the insulation and interior air.) "Interior Side Vapor Retarder"
- "No Vapor Retarder" on 2 of the module quadrants (opposing corners)

From 12/98 through 2/00, measurements were taken of: interior air temperature, humidity ratio, and barometric pressure, ambient exterior temperature and humidity ratio, and humidity ratio measurements at 40 locations within the insulation (10 per quadrant). Additional data was collected for: amount of dehumidifier condensate (water) removed, mass of 8 removable sq. ft. sections, electrical energy consumption

Discussion

The environmental conditions were established to be representative of "typical" MN basement conditions. Testing began with the basement module under ideal indoor conditions – 65°F and low relative humidity (40% RH). Conditions were later modified to represent a "worst case scenario" – an unconditioned basement at 56F and 70% RH. Following is a brief discussion of each quadrant performance.

Exterior Side Vapor Retarder:

During the winter months, condensation formed on the insulation side of the vapor retarder. The amount of condensate was enough run down the vapor retarder onto the floor. As the climate transitioned into spring and summer, water droplets accumulated on the exterior wall side of the vapor retarder. In both the heating and cooling seasons, this vapor retarder configuration was clearly unacceptable.

Interior Side Vapor Retarder:

When the vapor retarder was placed on the interior surface, condensation also accumulated on the insulation side of the vapor retarder. Additionally, the insulation panels showed moisture gain during the spring/summer at levels that exceeded the drying potential during the heating season. This cycle would result in the insulation becoming progressively "wetter" over time. Thus, the interior vapor retarder configuration was unacceptable.

No vapor retarder:

The two quadrants with no vapor retarder clearly showed a "stable wetting/drying annual cycle in a heated basement." As expected, a more significant moisture gain was observed in the panels during the "unconditioned" phase of the study with no dehumidification. However, the data also showed the ability of the system to effectively "dry out" once conditions changed. This can be extrapolated to conclude "the zero vapor retarder configuration has a stable wetting/drying annual cycle in an approximately unheated basement as well."

Conclusion

When installing the Owens Corning R11 Basement Finishing System, a vapor retarder should NOT be used. The use of a single vapor retarder, regardless of the location, provided a condensation plane where liquid water formed and remained trapped in the system.

Additional information regarding this report can be obtained by contacting Owens Corning at 1-800-GET-PINK.

National Evaluation Service, Inc.

5203 Leesburg Pike, Suite 600, Falls Church, Virginia 22041-3401

Phone: 703/931-2187 www.nateval.org Fax: 703/931-6505

NATIONAL EVALUATION REPORT

Report No. NER-635

Issued January 1, 2003

DIVISION 07 – THERMAL AND MOISTURE PROTECTION

Section 07210 – Building Insulation

DIVISION 09 – FINISHES

Section 09770– Special Wall Surfaces

REPORT HOLDER:

OWENS CORNING
ONE OWENS CORNING PKWY
TOLEDO, OHIO 43659

EVALUATION SUBJECT:

BASEMENT WALL FINISH SYSTEM

1.0 SUBJECT

BASEMENT WALL FINISH SYSTEM™

2.0 PROPERTY FOR WHICH EVALUATION IS SOUGHT

Interior finish trim

3.0 DESCRIPTION

OWENS CORNING Basement Wall Finishing System is an alternative to conventional wall framing and gypsum wallboard. The Basement Wall Finishing System consists of PVC support lineals, base, batten and cove moldings, and rigid prefinished fiberglass panels. Panels are prefinished with a fabric cover. Basement Wall Finishing System is primarily intended for installation in residential applications.

Basement Wall Finishing System panels meet the requirements for classification as a Class I (Class A) interior finish.

4.0 INSTALLATION

The Basement Wall Finishing System shall be installed in accordance with the manufacturer's published installation instructions, subject to the conditions of this report. Installation typically consists of using either mechanical fasteners, adhesive or a combination of both to secure the Basement Wall Finishing System to the supporting substrate.

5.0 IDENTIFICATION

All OWENS CORNING Basement Wall Finishing System components or packaging as described in this report shall bear a label indicating the manufacturer's name and this report number, for field identification.

6.0 EVIDENCE SUBMITTED

6.1 Omega Point Laboratories, Report No. 13060-103216a, dated May 14, 1999 containing results for fire testing in accordance with ASTM E84 for rigid fiberglass wall panels used in Basement Wall Finishing System.

6.2 Omega Point Laboratories, Report No. 16218-106644, dated April 13, 2000 containing results for fire testing in accordance with ASTM E84 for moldings used in Basement Wall Finishing System.

6.3 Omega Point Laboratories, Report No. 13060-103213, dated June 7, 1998, and Report No. 13060-104470a, dated March 24, 1999, containing results for fire testing for full-scale room corner.

6.4 OWENS CORNING *Product Literature*, dated May 1998.

6.5 OWENS CORNING *Submittal Sheet for Basement Wall Finishing System (BWFS)*, dated April 2000.

6.6 OWENS CORNING *Basement Wall Finishing System Installation Manual*, dated January 2000.

7.0 CONDITIONS OF USE

The National Evaluation Service Committee finds that the OWENS CORNING Basement Wall Finishing System as described in this report complies with or is a suitable alternate to that specified in the 2000 *International Building Code* with the 2001 *Supplement*, the 2000 *International Residential Code* with the 2001 *Supplement*, the *BOCA National Building Code/1999*, the 1999 *Standard Building Code*, the 1997 *Uniform Building Code*, and 1998 *International One- and Two-Family Dwelling Code* subject to the following conditions:

7.1 Concealed electrical, mechanical or plumbing components shall be inspected prior to the installation of the Basement Wall Finishing System panels to verify compliance with related code requirements. Evaluation of these components is outside scope of this report.

7.2 Framing supporting the Basement Wall Finishing System shall be inspected prior to the installation of the panels to verify compliance with related code requirements. Evaluation of the supporting framing is outside scope of this report.

7.3 The maximum permitted area of the PVC trim moldings shall not exceed 10 percent of the aggregate wall and ceiling area of the room.

7.4 Installation of the Basement Wall Finishing System shall be in accordance with this report and the manufacturer's installation manual.

7.5 The Basement Wall Finishing System shall be limited to installation over cast-in-place concrete walls, concrete masonry unit walls, wood stud framing or metal stud framing. Supporting structural systems shall comply with applicable code requirements for that system and are outside scope of this report.

7.6 This report is subject to periodic re-examination. For information on the current status of this report, consult the ***NES Product Evaluation Listing*** or contact the **NES**.

OWENS CORNING®
INNOVATIONS FOR LIVING™

BASEMENT FINISHING SYSTEM INTERIOR WALL PANEL

SUBMITTAL SHEET

DESCRIPTION

The Owens Corning™ Basement Finishing System is comprised of lightweight fiber glass panels, PVC lineals (which replace conventional framing) and foamed PVC trim moldings (which replace trim lumber). The trim moldings snap into the lineals, holding the panels in place. Moldings and wall panels are easily removed for removing or adding wiring. Because traditional wood and paper-based building materials are replaced with fiber glass and PVC materials, the Basement Finishing System offers inherent resistance to moisture, mold and mildew*. The system is covered by a lifetime limited transferable warranty** from Owens Corning.

USES

The Owens Corning™ Basement Finishing System is an innovative system designed to finish basement walls in a few simple steps while providing acoustical treatment.
The interior wall panel provides a Class A flame spread rating, meeting the requirements for the IBC for single and multi-family residences. The interior panels can be installed over interior partition walls and stairwells built with either wood or metal members. Panels may be used on wood framed walkout walls that are insulated and meet local vapor barrier code requirements.

AVAILABILITY

94" x 48" x 15/16" Panels
Lineals

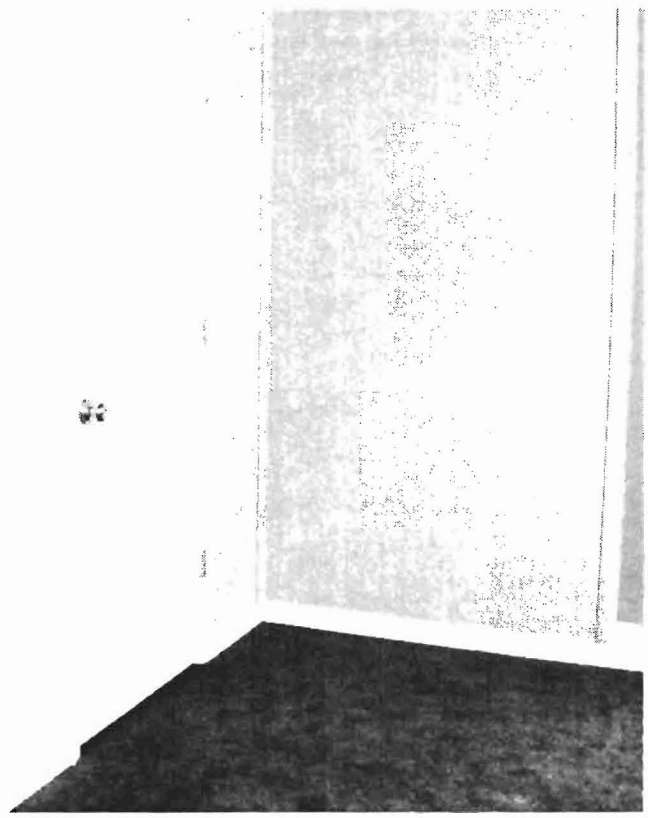
Trim Molding:
Cove Molding
Vertical Battens
Base Molding
Outside Corner
Casing
Jamb Extender
Chair Rail

Color Choices:

Panels: "Linen Mist" woven fabric
Trim: All trim available in White or Woodgrain. In addition, vertical trim available in fabric look finish or fabric wrapped to match panels.

* While the materials and design of the Owens Corning™ Basement Finishing System resist mold and mildew, the System can not prevent or alleviate mold if the conditions necessary for mold growth otherwise exist in your basement.

**See *actual warranty for details, limitations and restrictions.*



PHYSICAL PROPERTIES

Property	Test Method	Value
For Fiber Glass Board:		
Water Vapor Sorption	ASTM C 1104	<2% by wt. @ 120NF, 95% RH
Compressive Strength @10% deformation @25% deformation	ASTM C 165	min. 25 psf 90 psf
Normal Density	ASTM C 303	5.0 PCF
For Finished Panel:		
Noise Reduction Coefficient	ASTM C 423 Type A Mount	0.75
Surface Burning Characteristics -Meets Class A Burn Rating	ASTM E 84+	Class A Flame Spread ≤ 25 Smoke Developed ≤ 450
Interior Textile Finish Fire Classification	NFPA-286	Meets Acceptance Criteria
Mold Resistance	ASTM C 1338 ASTM G 21	Pass Pass

+The surface-burning characteristics of the finished composite panel were determined in accordance with ASTM E 84. This standard measures and describes the properties of materials, products or assemblies in response to heat and flame under controlled laboratory conditions. Data from ASTM E 84 testing cannot be used to describe or assess the fire hazard or fire risk of materials, products or assemblies when considering all of the factors pertinent to an assessment of the fire hazard of a particular end use. Values are reported to the nearest 5 rating.

TRUE NORTH™
HOME SYSTEMS
Established 1989

DATE: 3-3-07

JOB NAME & ADDRESS:
McRae
619 Allen Ave.
Portland, ME

I, Teri McRae, **hereby authorize TrueNorth™ Home Systems to act as my agent to acquire a building permit for my home improvement project.**

Teri E McRae
Homeowner Signature

71 Portland Road, Kennebunk, ME 04043 • 207-985-2300 • 800-564-5858 • 207-985-1691 Fax
P.O. Box 699, Brewer, ME 04412 • 207-992-2805 • 207-992-2809 Fax
goTrueNorth.com

BASEMENT FINISHING SYSTEM

SUBMITTAL SHEET

INNOVATIONS FOR LIVING™

DESCRIPTION

The Owens Corning™ Basement Finishing System is comprised of lightweight fiber glass panels, PVC lineals (which replace conventional framing) and foamed PVC trim moldings (which replace trim lumber). The trim moldings snap into the lineals, holding the panels in place. Moldings and wall panels are easily removed to provide easy access to a home's foundation walls. Because traditional wood and paper-based building materials are replaced with fiber glass and PVC materials, the Basement Finishing System offers inherent resistance to moisture, mold and mildew.* The system is covered by a lifetime limited transferable warranty** from Owens Corning.

USES

The Owens Corning™ Basement Finishing System is an innovative system designed to insulate and finish basement walls. It insulates, acoustically treats and aesthetically finishes walls in a few simple steps. The system can be installed over both masonry foundation walls and interior partition walls built with either wood or metal members.

AVAILABILITY

94" x 48" x 2-1/2" Panels
Lineals

Trim Molding:

Cove Molding
Vertical Battens
Base Molding
Outside Corner
Casing
Jamb Extender
Chair Rail

Color Choices:

Panels: "Linen Mist" woven fabric
Trim: All trim available in White or Woodgrain. In addition, vertical trim available in fabric look finish or fabric wrapped to match panels.

CODE COMPLIANCE

2000 BOCA Evaluation #21-24
2004 ICC Report #NER-635

* While the materials and design of the Owens Corning™ Basement Finishing System resist mold and mildew, the System can not prevent or alleviate mold if the conditions necessary for mold growth otherwise exist in your basement.

**See *actual warranty for details, limitations and restrictions.*

PHYSICAL PROPERTIES

Property	Test Method	Value
For Fiber Glass Board:		
Water Vapor Sorption	ASTM C 1104	<2% by wt. @ 120NF, 95% RH
Compressive Strength @10% deformation @25% deformation	ASTM C 165	 25 psf 90 psf
Thermal Resistance	ASTM C 518	R-11
Normal Density	ASTM C 303	3.2 PCF
For Finished Panel:		
Noise Reduction Coefficient	ASTM C 423 Type A Mount	 0.95
Surface Burning Characteristics -Meets Class A Burn Rating	ASTM E 84+	Class A Flame Spread ≤ 25 Smoke Developed ≤ 450
Interior Textile Finish Fire Classification	NFPA-286	Meets Acceptance Criteria
Mold Resistance	ASTM C 1338 ASTM G 21	Pass Pass

+The surface-burning characteristics of the finished composite panel were determined in accordance with ASTM E 84. This standard measures and describes the properties of materials, products or assemblies in response to heat and flame under controlled laboratory conditions. Data from ASTM E 84 testing cannot be used to describe or assess the fire hazard or fire risk of materials, products or assemblies when considering all of the factors pertinent to an assessment of the fire hazard of a particular end use. Values are reported to the nearest 5 rating.