

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

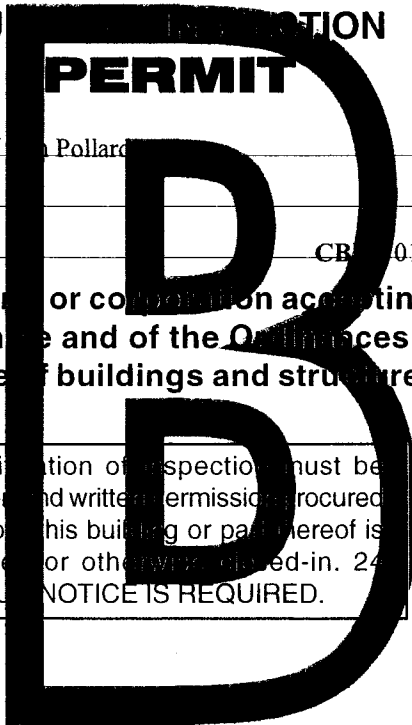
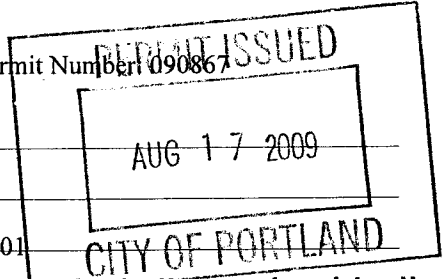
CITY OF PORTLAND

BUILDING INSPECTION

PERMIT

Please Read Application And Notes, If Any, Attached

Permit Number 090867



This is to certify that Reeve Chase/Pollard Builders / Reeve Chase Pollard

as permission to Interior remodel

at 58 Turner St

CB 014 F002001

Provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of Maine 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 his department.

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

Notification of inspection must be given and written permission procured before this building or part thereof is lathed or otherwise 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

Director of 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: 09-0867	Issue Date: 8/17/09	CBL: 014 F002001
-----------------------	------------------------	---------------------

Location of Construction: 58 Turner St	Owner Name: Reeve Chase	Owner Address: 58 Turner St	Phone: 207-632-7759
Business Name:	Contractor Name: Pollard Builders / Ben Pollard	Contractor Address: 386 Fore Street, Suite 303 Portland	Phone: 2077738450
Lessee/Buyer's Name	Phone:	Permit Type: Alterations - Dwellings	Zone: R-6

Past Use: Single Family	Proposed Use: Single Family / Interior remodel	Permit Fee: \$370.00	Cost of Work: \$35,000.00	CEO District: 1
		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R-3 Type SB IRC-2003	

Proposed Project Description: Interior remodel	Signature:	Signature: <i>Chase</i>
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)		
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied		
Signature:		Date:

Permit Taken By: gg	Date Applied For: 08/11/2009	Zoning Approval
------------------------	---------------------------------	------------------------

<ol style="list-style-type: none"> This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. Building permits do not include plumbing, septic or electrical work. 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.. 	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied	Historic Preservation <input checked="" type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied
	Date: <i>8/13/09</i>	Date: <i>8/13/09</i>	Date:

Handwritten signature and date stamp: AUG 17 2009

PERMIT ISSUED
AUG 17 2009
CITY OF PORTLAND

CERTIFICATION

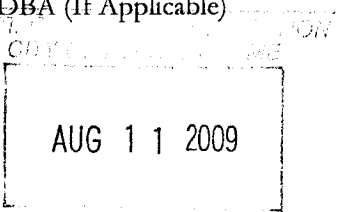
I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, 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



General 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: 58 TURNER ST, PORTLAND, ME 04101		
Total Square Footage of Proposed Structure/Area 1,320 SF	Square Footage of Lot 864 SF	Number of Stories 2
Tax Assessor's Chart, Block & Lot Chart# Block# Lot# 014 - F - 002	Applicant * <u>must</u> be owner, Lessee or Buyer* Name REEVE CHACE Address 58 TURNER ST City, State & Zip PORTLAND, ME 04101	Telephone: 207.632.7759
Lessee/DBA (If Applicable) 	Owner (if different from Applicant) Name Address City, State & Zip	Cost Of Work: \$ 35,000 C of O Fee: \$ _____ Total Fee: \$ 370.00
Current legal use (i.e. single family) SINGLE FAMILY Number of Residential Units 1 If vacant, what was the previous use? _____ Proposed Specific use: SINGLE FAMILY Is property part of a subdivision? NO If yes, please name _____ Project description: INTERIOR REMODEL OF EXISTING SINGLE FAMILY RESIDENCE		
Contractor's name: POLLARD BUILDERS / BEN POLLARD Address: 386 FORE ST, SUITE 301 City, State & Zip PORTLAND, ME 04101 Telephone: 773.8450 Who should we contact when the permit is ready: BEN POLLARD Telephone: 773.8450 Mailing address: 386 FORE ST, SUITE 301, PORTLAND, ME 04101		

Please submit all of the information outlined on the applicable Checklist. Failure to do so will result in the automatic denial of your permit.

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information or to download copies of this form and other applications visit the Inspections Division on-line at www.portlandmaine.gov, or stop by the Inspections Division office, room 315 City Hall or call 874-8703.

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: JB Pollard Date: 2009.08.11

This is not a permit; you may not commence ANY work until the permit is issue

NOTE: PLEASE ROUTE TO CHRIS HANSON AS HE HAS ALREADY REVIEWED THIS PROJECT

FOR BUILDING PERMIT APPLICATION
FOR 58 TURNER ST

Doc#: 37912 Bk:27036 Pg: 228

REEVE CHACE, OWNER
POLLARD BUILDERS, BUILDER

WARRANTY DEED
Maine Statutory Short Form

Know all Persons by these Presents,

That I, Lillian J. dello Russo, of Portland, State of Maine, for consideration paid,
grant to:

D. Reeve Chace

of Portland, County of Cumberland and State of Maine, whose mailing address is:
58 Turner Street, Portland, Maine 04101, with **warranty covenants**, the land in Portland,
County of Cumberland, and State of Maine, described as follows:

A certain lot or parcel of land, together with any buildings and improvements
thereon, situated in the City of Portland, County of Cumberland, and State of
Maine being more particularly described in Exhibit A attached hereto and
made a part hereof.

Witness my hand and seal this 25th day of June, 2009.

Signed, Sealed and Delivered
in the presence of

Lillian J. dello Russo

State of Maine

County of Cumberland

ss

June 25, 2009

Then personally appeared before me the above named Lillian J. dello Russo and
acknowledged the foregoing instrument to be her free act and deed.

Attorney at Law/Notary Public

Printed Name: Richard Richard

MAINE REAL ESTATE TAX PAID

EXHIBIT A
58 Turner Street, Portland, Maine

A certain lot or parcel of land, with the buildings thereon, situated in the City of Portland, County of Cumberland and State of Maine, being bounded and described as follows:

Beginning at a point on the southeasterly side of Turner Street eighty-two and four tenths (82.4) feet, more or less, northeasterly of the northeasterly side of Merrill Street, at the northeasterly corner of land now or formerly of David E. Hendry; thence northeasterly along the southeasterly side of Turner Street thirty-six and one half (36.5) feet, more or less, to land now or formerly of George S. Lunt; thence southeasterly along said Lunt land twenty-three and one half (23.5) feet, more or less, to land now or formerly of Marie S. Trott; thence southwesterly along said Trott land thirty-six and one half (36.5) feet, more or less, to land now or formerly of David E. Hendry; thence northwesterly along said Hendry land twenty-three and one half (23.5) feet, more or less, to the point of beginning.

Being the same repmises conveyed by warranty deed from Darrell R. McBreairty to Lillian J. dello Russo and Mark dello Russo dated April 25, 1997 and recorded in the Cumberland County Registry of Deeds in Book 13049, Page 159. Further reference is made to deed from Mark dello Russo (a/k/a Preman MM. dello Russo) to Lillian J. dello Russo dated October 30, 2006 and recorded in said Registry of Deeds in Book 24943, Page 251.

Received
Recorded Register of Deeds
Jun 29, 2009 09:05:49A
Cumberland County
Pamela E. Lovley

Rufus Deering

8-10-09

8:54am

1 of 1

KeyBeam

KeyBeam® 4.504e
 IroBeamEngine 4.506e.1
 Materials Database 1068

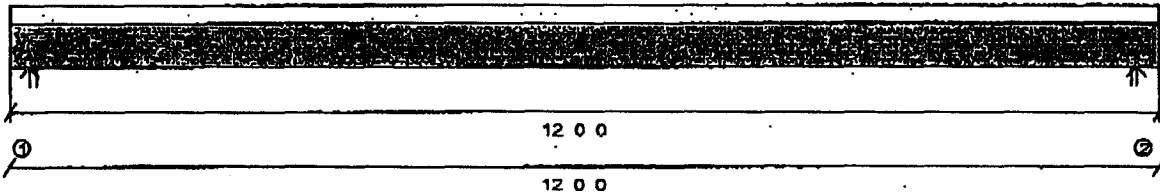
ATTN: BEN

Member Data

Description:	Member Type: Beam	Application: Floor
Standard Load:	Lateral Bracing: Continuous Top	Building Code: IBC / IRC
Dead Load: 90 PLF	Moisture Condition: Dry	Member Weight: 10.8 PLF
Live Load: 360 PLF	Deflection Criteria: L/480 live, L/240 total	
	Deck Connection: Nailed	
	Filename: KYB1	

Other Loads

Type (Description)	Begin	End	Trib. Width	Dead Start	End	Other Start	End	Category
Additional Uniform (PLF)	0' 0.00"	12' 0.00"		135		450		Snow



Bearings and Reactions

	Location	Type	Input Length	Min Required	Gravity Reaction	Gravity Uplift
1	0' 0.000"	Wall	3.500"	1.639"	4875#	-
2	11' 6.750"	Wall	3.500"	1.639"	4875#	-

Maximum Load Case Reactions

Used for applying point loads (or line loads) to carrying members

	Dead	Live	Snow
1	1363#	2081#	2602#
2	1363#	2081#	2602#

Design spans

11' 6.750"

Product: 1-3/4 x 11-7/8 x 2.0E CP-Lam LVL 2 ply
 Component Member Design has Passed Design Checks.**
 Design assumes continuous lateral bracing along the top chord.

Allowable Stress Design

	Actual	Allowable	Capacity	Location	Loading
Positive Moment	14093.#	24489.#	57%	5.78'	Total load D+0.75(L+S)
Shear	4041.#	9081.#	44%	0.01'	Total load D+0.75(L+S)
Max. Reaction	4875.#	10412.#	46%	0'	Total load D+0.75(L+S)
TL Deflection	0.3472"	0.5781"	L/399	5.78'	Total load D+0.75(L+S)
LL Deflection	0.2501"	0.2891"	L/554	5.78'	Total load 0.75(L+S)

Control: LL Deflection

DOLs: Live=100% Snow=115% Roof=125% Wind=133%

Manufacturer's installation guide MUST be consulted for multi-ply connection details and alternatives

All product names are trademarks of their respective owners

Copyright (C) 1988-2005 by KeyMark Enterprises, LLC. ALL RIGHTS RESERVED.

**Passing is defined as when the member, floor joist, beam or girder, shown on this drawing meets applicable design criteria for Loads, Loading Conditions, and Spans listed on this sheet. The design must be reviewed by a qualified designer or design professional as required for approval. This design assumes product installation according to the manufacturer's specifications.

CONSTRUCTION SPECIFICATION
HEATLOK SOY®
Spray-in-Place Semi Rigid Urethane Foam Insulation

Note: This specification should be adopted for each project. All notes are for guidelines only.

1. GENERAL

1.1. **Work Included** - Spray application of **HEATLOK SOY®** is for providing insulation and air-seal. *Note: Areas to be insulated and air-sealed can be described here if desired, referenced on drawings or covered in greater detail in Section 3. **Execution**.*

1.2. **Related Sections** - *Note: Amend to suit project.*

1.2.1. Cast in place concrete	Section 03300
1.2.2. Structural Pre-cast Concrete	Section 03400
1.2.3. Unit Masonry	Section 04200
1.2.4. Metal Decking	Section 05300
1.2.5. Cold Formed Metal Framing	Section 05400
1.2.6. Rough Carpentry	Section 06100
1.2.7. Waterproofing	Section 07100
1.2.8. Vapor-Barrier	Section 07260
1.2.9. Preformed Roofing and Cladding/Siding	Section 07400
1.2.10. Fireproofing	Section 07800
1.2.11. Thermal Barrier	Section 07840
1.2.12. Flexible flashing	Section 07650
1.2.13. Metal Support Systems	Section 09110
1.2.14. Gypsum board	Section 09250

1.3. References

1.3.1. International Code Council – International Residential Code

1.3.1.1. Section 103.7 Alternate Materials and Methods

1.3.1.2. Section R314 Foam Plastic Insulation

1.3.1.3. Section 806.4 Conditioned Attic Assemblies

1.3.2. International Code Council – International Building Code

1.3.2.1. Section 104.11 Alternative materials, design and methods of construction and equipment.

1.3.2.2. Section 2603.0 Foam Plastic

1.3.3. ASTM E84 Surface Burning Characteristics

1.4. Submittals and Samples

1.4.1. Before commencing work, submit in accordance with local code.

Spray-in-Place Rigid Urethane Foam Insulation- HEATLOK SOY®

(Insert Project Name)

(Insert date)

1.4.2. Submit independent laboratory test reports, data sheets, physical properties, and samples as required by local code officials.

1.4.3. Submit the technical data sheet from the manufacturer showing the test results from the ASTM E84 (Surface Burning Characteristics).

1.5. Quality Assurances

1.5.1. Contractor performing work under this section must be trained by DEMILEC (USA) LLC in the art of applying HEATLOK SOY® and maintain the InSEAL-Right Certification.

1.6. Delivery, Storage and Handling

1.6.1. Materials shall be delivered in manufacturer's original sealed containers clearly labeled with manufacturer's name, product identification, safety information, net weight of contents and expiration date.

1.6.2. Material is to be stored in a safe manner and where the temperatures are in the limits specified by the material manufacturer.

1.6.3. Empty containers must be removed from site on a daily basis.

1.7. Protection

1.7.1. Ventilate area to receive insulation to maintain safe working conditions.

1.7.2. Protect workers as recommended by standards and manufacturer's recommendations.

1.7.3. Protect adjacent surfaces, windows, equipment and site areas from damage of overspray.

2. PRODUCTS

2.1. Materials

2.1.1. Spray Applied Semi Rigid Polyurethane Foam Insulation System

2.1.2. Product: HEATLOK SOY® manufactured by DEMILEC (USA) LLC, Arlington, TX

2.2. Physical Properties

Method	Description	Value
ASTM D 1622	Density	2.1-2.3 lb/ft ³
ASTM C 518	Initial Thermal Resistance, 1"	7.2 ft ² h°F/BTU
	Aged Thermal Resistance, 180 days @ 23°C, 1"	6.6 ft ² h°F/BTU
ASTM E 283	Air Permeance @ 75Pa, 1"	0.00004L/sm ²
ASTM D 1621	Compressive Strength	28.3 psi

Spray-in-Place Rigid Urethane Foam Insulation- HEATLOK SOY®

Page 3

(Insert Project Name)

(Insert date)

ASTM D 1623	Tensile Strength	51.5 psi
ASTM E 96	Water Vapor Transmission, 1", Vapor barrier (<1 perm) @ 1-1/4"	1.2 perms
CGSB 51.23-92	Off Gassing Tests (VOC Emissions)	Pass (No toxic vapors)
ASTM E84	Surface Burning Characteristics (3") <ul style="list-style-type: none"> • Flame Spread Index • Smoke Development 	Class I 20 450
ASTM D2856	Closed Cell Content	> 92%

2.3. **Equipment** - Equipment used to apply the foam insulation shall have fixed ratio positive displacement pumps and approved by foam manufacturer.

3. **EXECUTION** *Note: check the adhesion compatibility with: flashing, membranes and coatings.*

3.1. **Examination**

- 3.1.1. Verify that surfaces and conditions are suitable to accept work as outlined in this section.
- 3.1.2. Report in writing, any defects in surfaces or conditions which may adversely affect the performance of products installed under this section to the consultant prior to commencement of work.
- 3.1.3. Commencement of work outlined in this section shall be deemed as acceptance of existing work and conditions.

3.2. **Application**

- 3.2.1. Spray-application of polyurethane foam shall be performed in accordance with manufacturer recommendations.
- 3.2.2. Apply only when surfaces and environmental conditions are within limits prescribed by the material manufacturer. Refer to technical data sheets.
- 3.2.3. Apply in consecutive passes as recommended by manufacturer to thickness as indicated on drawings.

Residential and Commercial Construction

Location	Recommended Thickness	R-value of Insulation
Exterior walls	1.5-3.5 inches	9.9 – 23.1 ft ² .h. ⁰ F/BTU
Pony and Hip walls	1.5-3.5 inches	9.9 – 23.1 ft ² .h. ⁰ F/BTU
Attic Assembly	3.5-6 inches	23.1 – 39.6 ft ² .h. ⁰ F/BTU

3.3 **Protection** - Except as provided in Section 314.5.3 and Section 314.5.4 of the International

Rev. 04/01/08

(Insert Firm Name)

Section 07216

Spray-in-Place Rigid Urethane Foam Insulation- HEATLOK SOY®

Page 4

(Insert Project Name)

(Insert date)

Residential Code, all plastic insulation shall be separated from the interior of the building by an approved thermal barrier of ½ -inch gypsum wallboard or equivalent thermal barrier material.

Note: Work related to thermal barrier installation should be specified under appropriate sections.

-----*END OF SECTION*-----

BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (ONLY)

to schedule your inspections as agreed upon

Permits expire in 6 months, if the project is not started or ceases for 6 months.

The Owner or their designee is required to notify the inspections office for the following inspections and provide adequate notice. Notice must be called in 48-72 hours in advance in order to schedule an inspection:

By initializing at each inspection time, you are agreeing that you understand the inspection procedure and additional fees from a "Stop Work Order" and "Stop Work Order Release" will be incurred if the procedure is not followed as stated below.

A Pre-construction Meeting will take place upon receipt of your building permit.

Framing/Rough Plumbing/Electrical: Prior to Any Insulating or drywalling

Final inspection required at completion of work.

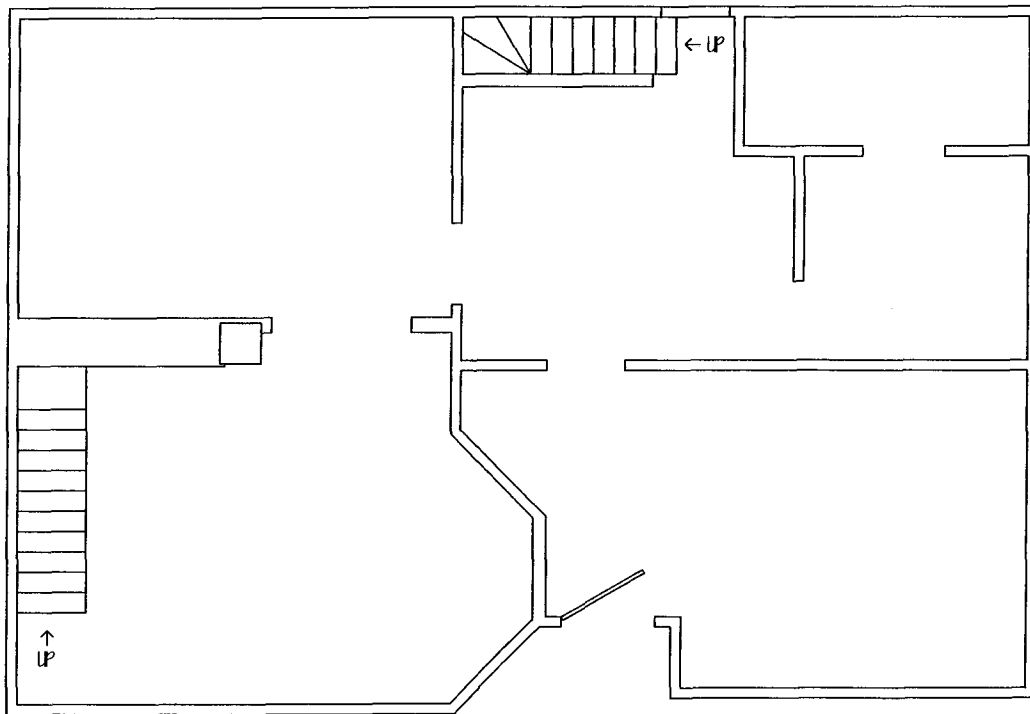
Certificate of Occupancy is not required for certain projects. Your inspector can advise you if your project requires a Certificate of Occupancy. All projects DO require a final inspection.

If any of the inspections do not occur, the project cannot go on to the next phase, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.

CERIFICATE OF OCCUPANICES MUST BE ISSUED AND PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED.

Merritt K. DellaBrida 8-17-09
Signature of Applicant/Designee Date

[Signature] 8/17/09
Signature of Inspections Official Date



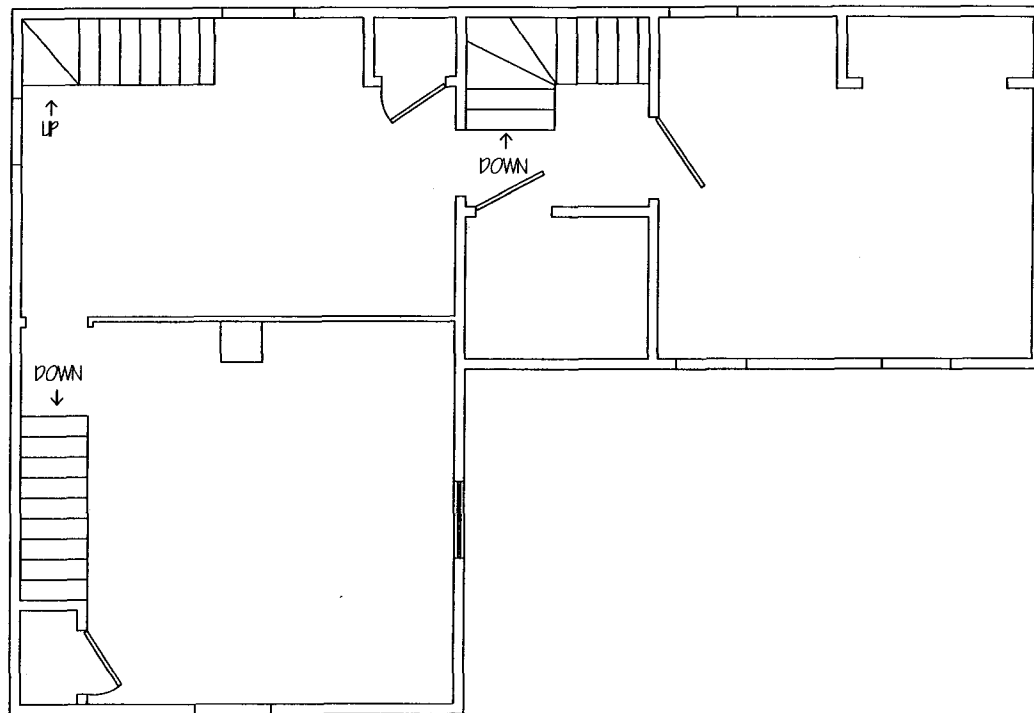
CHACE JOHNSON REMODEL
58 TURNER STREET, PORTLAND, ME

EXISTING FIRST FLOOR PLAN
DRAWING NUMBER 1 OF 5

POLLARD BUILDERS
PORTLAND, ME

DRAWN BY: J. B. POLLARD
DATE: 2009.08.10

SCALE: 1/4" = 1'



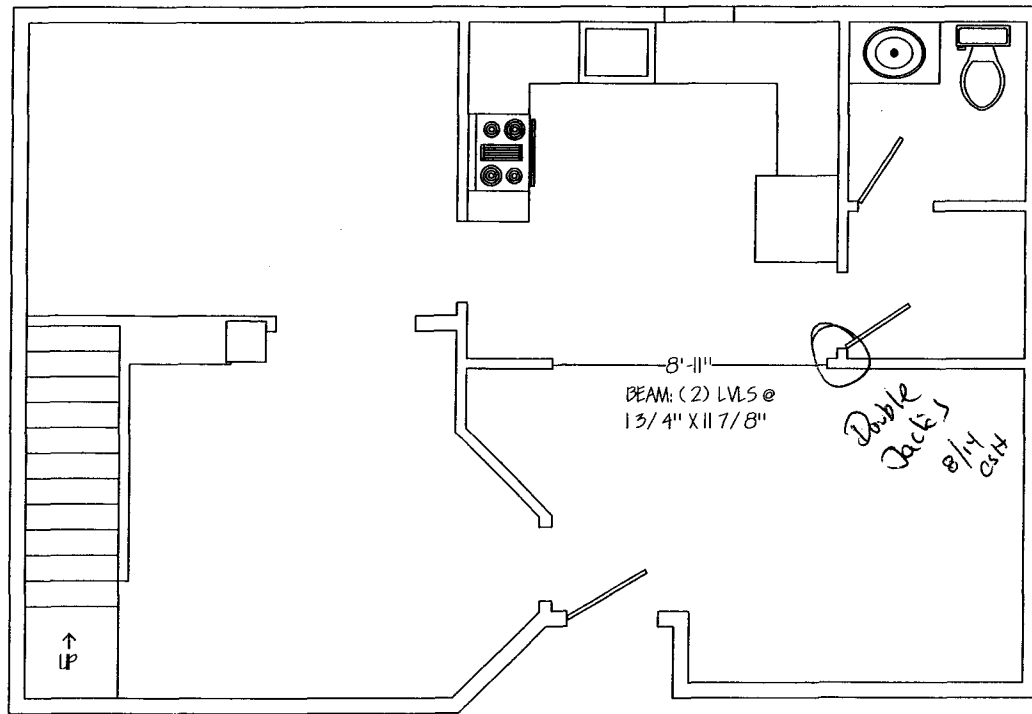
CHACE JOHNSON REMODEL
58 TURNER STREET, PORTLAND, ME

EXISTING SECOND FLOOR PLAN
DRAWING NUMBER 2 OF 5

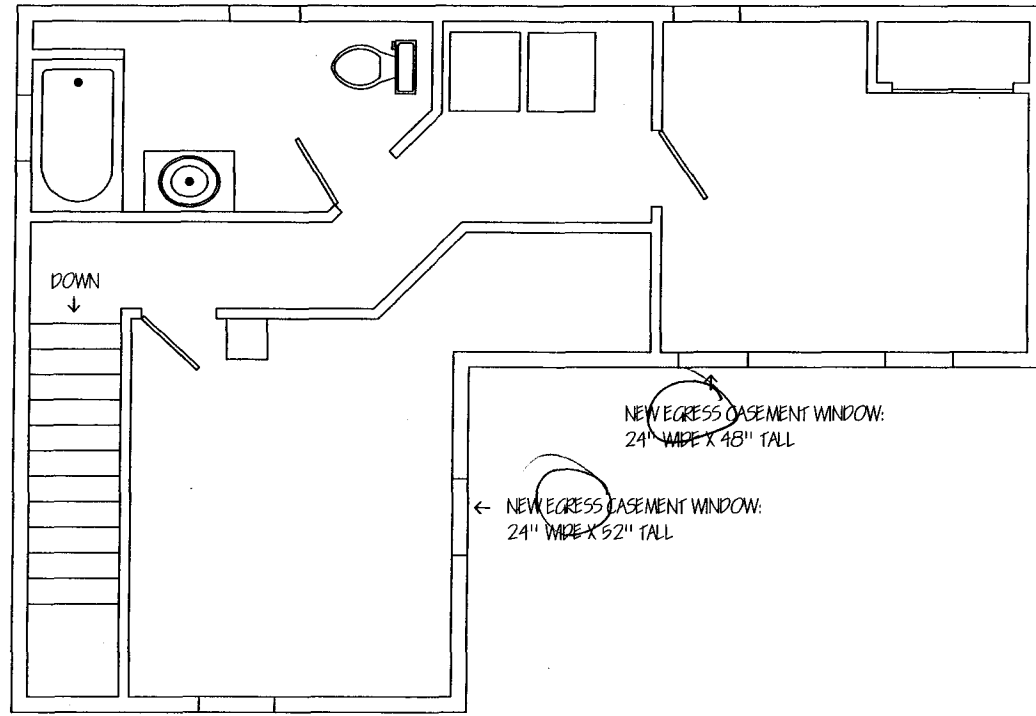
POLLARD BUILDERS
PORTLAND, ME

DRAWN BY: J. B. POLLARD
DATE: 2009.08.10

SCALE: 1/4" = 1'



CHACE JOHNSON REMODEL 58 TURNER STREET, PORTLAND, ME	
PROPOSED FIRST FLOOR PLAN DRAWING NUMBER 3 OF 5	
POLLARD BUILDERS PORTLAND, ME	
DRAWN BY: J. B. POLLARD DATE: 2009,08,10	SCALE: 1/4" = 1'

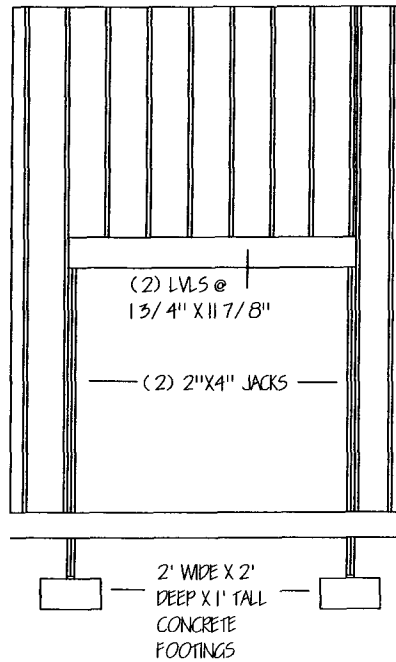


NEW EGRESS CASEMENT WINDOW:
24" WIDE X 48" TALL

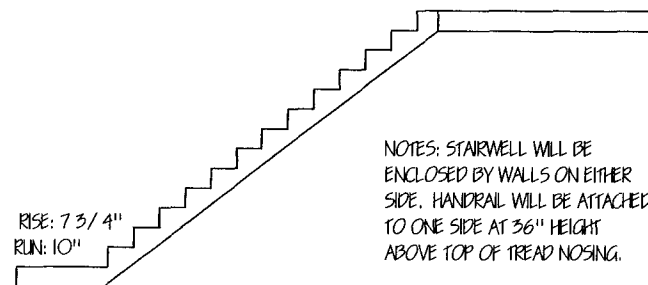
← NEW EGRESS CASEMENT WINDOW:
24" WIDE X 52" TALL

CHACE JOHNSON REMODEL 58 TURNER STREET, PORTLAND, ME
PROPOSED SECOND FLOOR PLAN DRAWING NUMBER 4 OF 5
POLLARD BUILDERS PORTLAND, ME
DRAWN BY: J. B. POLLARD DATE: 2009.08.10
SCALE: 1/4" = 1'

BEAM CROSS SECTION



STAIR CROSS SECTION



ADDITIONAL NOTES: FLOOR WILL BE INSULATED WITH 3.5" OF CLOSED CELL FOAM FOR R-24.5;
WALLS WILL BE INSULATED WITH 3" OF FOAM FOR R-21; ROOF WILL BE INSULATED WITH 6" OF FOAM
FOR R-42

NEW PARTITION WALLS WILL BE BUILT WITH 2"X4" KD LUMBER, WITH 1/2 DRYWALL ON EITHER SIDE

CHACE JOHNSON REMODEL
58 TURNER STREET, PORTLAND, ME

CROSS SECTION
DRAWING NUMBER 5 OF 5

POLLARD BUILDERS
PORTLAND, ME

DRAWN BY: J. B. POLLARD
DATE: 2009.08.10

SCALE: 1/4" = 1'



CITY OF PORTLAND, MAINE

Department of Building Inspections

Original Receipt

08/11 20.09

Received from Don Rollard

Location of Work _____

Cost of Construction \$ 35,000 Building Fee: _____

Permit Fee \$ _____ Site Fee: _____

Certificate of Occupancy Fee: _____

Total: 370.00

Building (I1) Plumbing (I5) _____ Electrical (I2) _____ Site Plan (U2) _____

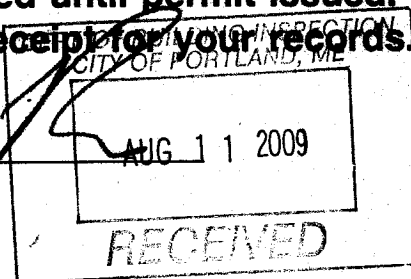
Other: _____

CBL: 014 F002

Check #: 0373 Total Collected \$ 370.00

**No work is to be started until permit issued.
Please keep original receipt for your records.**

Taken by: _____



WHITE - Applicant's Copy
YELLOW - Office Copy
PINK - Permit Copy