

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK
CITY OF PORTLAND

Please Read Application And Notes, If Any, Attached

BUILDING INSPECTION PERMIT

PERMIT ISSUED
Permit Number: 1060434
CITY OF PORTLAND

This is to certify that WESCOTT & PAYSON II / Westcott
has permission to 24 x 36 Colonial w/ 18.5 x 2 garage
AT 140 YALE ST (Lot 10) 438 A020001

provided that the person or persons firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of the State 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 leased or occupied. 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

[Handwritten Signature]
4/27/06
&
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 ISSUED

Permit No: 06-0434	Issue Date: MAY - 1 2006	CEL: 438 A020001
-----------------------	-----------------------------	---------------------

Location of Construction: 140 YALE ST (Lot 10)	Owner Name: WESCOTT & PAYSON II	Owner Address: 240 HARVARD ST	Phone:
Business Name:	Contractor Name: Jim Westcott	Contractor Address: 31 Old Campus Rd Portland	Phone: 2077977761
Lessee/Buyer's Name	Phone:		

Past Use: Vacant Land	Proposed Use: Single Family 24 x 36 Colonial w/ 18.5 x 24 garage	Permit Fee:	Cost of Work: \$0.00	CEO District: 4
Proposed Project Description: 24 x 36 Colonial w/ 18.5 x 24 garage		FIRE DEPT: <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Denied Signature: <i>[Signature]</i>		INSPECTION: Use Group: R-3 Type: SB IRC 2003 Signature: <i>[Signature]</i>

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)

Action: Approved Approved w/Conditions Denied

Signature: _____ Date: _____

Permit Taken By: dmartin	Date Applied For: 03/31/2006	Zoning Approval	
------------------------------------	--	------------------------	--

Special Zone or Review	Zoning Appeal	Historic Preservation
<input type="checkbox"/> Shoreland <i>NA</i> <input type="checkbox"/> Wetland <i>NA</i> <input type="checkbox"/> Flood Zone <i>panel 7-2006</i> <input type="checkbox"/> Subdivision <input checked="" type="checkbox"/> Site Plan <i>2006-0016</i> Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input checked="" type="checkbox"/> <i>OK w/conditions ABU</i> Date: 4/11/06	<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 Date: _____	<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 <i>ABU</i> 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	

88 Yale St. Lot # ~~10~~ #10 Jim @ 776-1762

ONE AND TWO FAMILY	PLAN REVIEW	CHECKLIST
Soil type/Presumptive Load Value (Table R401.4.1)	Submitted Plan	Findings/Revisions/Dates
STRUCTURAL		
Footing Dimensions/Depth (Table R403.1 & R403.1(1), (Section R403.1 & R403.1.4.1))	10" x 16" - OK	
Foundation Drainage, Fabric, Damp proofing (Section R405 & R406)	Damage not labeled & size	- OK
Ventilation/Access (Section R408.1 & R408.3) Crawls Space ONLY	N/A	
Anchor Bolts/Straps, spacing (Section R403.1.6)	Size of bolt	- OK
Lally Column Type (Section R407)		
Girder & Header Spans (Table R 502.5(2)) Built-Up Wood Center Girder Dimension/Type	Need to show where point loads from cills are carried	
Sill/Band Joist Type & Dimensions First Floor Joist Species Dimensions and Spacing (Table R502.3.1(1) & Table R502.3.1(2))	OK	
Second Floor Joist Species Dimensions and Spacing (Table R502.3.1(1) & Table R502.3.1(2))	2x10 - 16" oc	OK
Attic or additional Floor Joist Species Dimensions and Spacing (Table R802.4(1) and	2x8 - 16" oc	/

R802.4(2))			
Pitch, Span, Spacing & Dimension (Table R802.5.1(1) - R 802.5.1(8))	2x10 - 16' o.c		
Roof Rafter; Framing & Connections (Section R802.3 & R802.3.1)	1/2" Roof / 3/4" walls / Floors	?	3/4" Truss
Sheathing; Floor, Wall and roof (Table R503.2.1.1(1))	Per IRC		
Fastener Schedule (Table R602.3(1) & (2))			
Private Garage (Section R309) Living Space? <i>Beside</i> (Above or beside)			
Fire separation (Section R309.2)	OK Shows 5/8" on common wall to roof sheathing		
Opening Protection (Section R309.1)	OK		
Emergency Escape and Rescue Openings (Section R310)	OK - Shows egress small windows.		
Roof Covering (Chapter 9)	Asphalt - OK		
Safety Glazing (Section R308)	OK - N/A		
Attic Access (Section R807)	OK - Shows 2x30		
Chimney Clearances/Fire Blocking (Chap. 10)	N/A		
Header Schedule (Section 502.5(1) & (2))	OK - 41c section page		
Energy Efficiency (N1101.2.1) R-Factors of Walls, Floors, Ceilings, Building Envelope, U-	Clwy - R-38		

Floors - ?
 Walls - ?
 R-21
 R-19
 U-Value of windows

City of Portland, Maine - Building or Use Permit

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

Permit No: 06-0434	Date Applied For: 03/3 112006	CBL: 438 A020001
------------------------------	---	----------------------------

Location of Construction: 140 YALE ST	Owner Name: WESCOTT & PAYSON II	Owner Address: 240 HARVARD ST	Phone:
Business Name:	Contractor Name: Jim Westcott	Contractor Address: 31 Old Campus Rd Portland	Phone: (207) 797-7761
Lessee/Buyer's Name	Phone:	Permit Type:	
Proposed Use: Single Family 24 x 36 Colonial w/ 18.5 x 24 garage		Proposed Project Description: 24 x 36 Colonial w/ 18.5 x 24 garage	

Dept: Zoning **Status:** Approved with Conditions **Reviewer:** Ann Machado **Approval Date:** 04/18/2006**Note:** **Ok to Issue:**

- 1) As discussed during the review process, the property must be clearly identified prior to pouring concrete and compliance with the required setbacks must be established. Due to the proximity of the setbacks of the proposed addition, it may be required to be located by a surveyor
- 2) This property shall be a single family dwelling. Any change of use shall require a separate permit application for review and approval.
- 3) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.
- 4) Separate permits shall be required for future decks, sheds, pools, and/or garages.

Dept: Building **Status:** Approved with Conditions **Reviewer:** Tammy Munson **Approval Date:** 04/27/2006**Note:** **Ok to Issue:**

- 1) The basement is NOT approved as habitable space.
- 2) The owner and builder agree to submit a statement from a licensed surveyor PRIOR to placement of backfill stating the location of the structure is compliant with the City of Portland required setbacks.
- 3) Separate permits are required for any electrical, plumbing, or heating.
- 4) Permit approved based on the plans submitted and reviewed w/owner/contractor, with additional information as agreed on and as noted on plans.
- 5) As discussed, hardwired interconnected battery backup smoke detectors shall be installed in all bedrooms, protecting the bedrooms, and on every level.
- 6) As discussed, reviewed and noted on the plans, the maximum span of 3-2"x12"s is 6'-6".

Dept: DRC **Status:** Approved with Conditions **Reviewer:** Jay Reynolds **Approval Date:** 04/06/2006**Note:** **Ok to Issue:**

- 1) A sewer permit is required for your project. Please contact Carol Merritt at 874-8300, ext . 8822 The Wastewater and Drainage section of Public Works must be notified five (5) working days prior to sewer connection to schedule an inspector for your site.
- 2) Two (2) City of Portland approved species and size trees must be planted on your street frontage prior to issuance of a Certificate of Occupancy
- 3) The Development Review Coordinator reserves the right to require additional lot grading or other drainage improvements as necessary due to field conditions.
- 4) All Site work (final grading, landscaping, loam and seed) must be completed prior to issuance of a certificate of occupancy.

Dept: Planning **Status:** Not Applicable **Reviewer:** Jay Reynolds **Approval Date:** 04/06/2006**Note:** **Ok to Issue:**

Location of Construction: 140 YALE ST	Owner Name: WESCOTT & PAYSON II	Owner Address: 240 HARVARD ST	Phone:
Business Name:	Contractor Name: Jim Westcott	Contractor Address: 31 Old Campus Rd Portland	Phone (207) 797-7761
Lessee/Buyer's Name	Phone:	Permit Type: Single Family	
Comments:			

~~Deck Construction~~

Type of Heating System	Fireplace	Chimney / direct vent	
Means of Egress (Sec R311 & R312)			
Basement	2		
Number of Stairways	2		
Interior	2		
Exterior	0		
Treads and Risers (Section R311.5.3)	10" T / 7 3/4" R		
Width (Section R311.5.1)	3'-0" +		
Headroom (Section R311.5.2)	6'-8"		
Guardrails and Handrails (Section R312 & R311.5.6 - R311.5.6.3)	OK	See elevation	
Smoke Detectors (Section R313) Location and type/Interconnected		Not shown	
Dwelling Unit Separation (Section R317) and IBC - 2003 (Section 1207)		N/A	
Deck Construction (Section R502.2.1)		Front - need header +	Roost protection + deck framing

Beam - need 4" Piers + Girder size for deck + ledger details.



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: <u>144 Yale st lot #10</u>		
Total Square Footage of Proposed Structure <u>Approx 2160 SF</u>		Square Footage of Lot <u>6955 SF</u>
Tax Assessor's Chart, Block & Lot Chart# <u>W38</u> Block# <u>A</u> Lot# <u>020</u>	Owner: <u>M.J. Development</u>	Telephone: <u>797-4380</u>
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone: <u>M.J. Development</u> <u>31 Old Campus Dr.</u> <u>Portland Me. 04103</u>	Cost Of Work: \$ <u>110,000</u> Fee: \$ <u>9814.375</u> C of O Fee: \$ <u>1386.00</u>
Current Specific use: <u>Raw Land</u> If vacant, what was the previous use? _____ Proposed Specific use: <u>Single Family Home</u>		
Project description: <u>1 24X36 Colonial style Single Family Home.</u> <u>with a 18 1/2' X 24' attached Garage.</u>		
Contractor's name, address & telephone: Who should we contact when the permit is ready: <u>Jim Wescott</u> Mailing address: _____ Phone: <u>776-1762</u>		

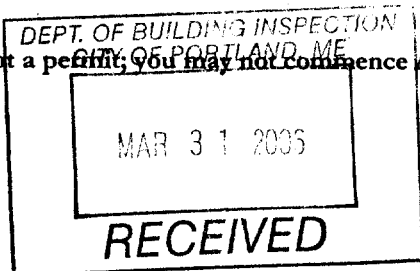
Please submit all of the information outlined in the Commercial Application Checklist. Failure to do so will result in the automatic denial of your permit.

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 visit us on-line at www.portlandmaine.gov, stop by the Building Inspections 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 of applicant: <u>[Signature]</u>	Date: <u>3-29-06.</u>
--	-----------------------

This is not a permit. You may not commence ANY work until the permit is issued.



Applicant: Wescott & Poyson

Date: 4/18/06

Address: 140 Yale St.
(Lot 10)

C-B-L: 438-A-020
permit # 06-0434

CHECK-LIST AGAINST ZONING ORDINANCE

Date - new

Zone Location - R3

Interior or corner lot -

Proposed Use/Work - build single family 24x36 colonial w/ 18.5' x 24' garage

Sewage Disposal - City

Lot Street Frontage - 55' min - 65' given

Front Yard - 25' min - 25' scaled from front porch

Rear Yard - 25' min - 29.5' scaled from deck steps

Side Yard - 1 1/2 sky 8' - 8.25' on left (scaled) from garage.
2 sky 14' - 14.25' on right - scaled from house.

Projections - 5' x 22' porch, 1 x 5' step, 8 x 12 deck, 4 x 3.5' steps

Width of Lot - 65' min - 65.5' ~~max~~ scaled

Height - 35' max - 24.75' scaled

Lot Area - 6,500 sq ft min - 6,991 sq ft

Lot Coverage Impervious Surface - 35%

2446.55 sq ft

24 x 36 = 864
24 x 18.5 = 444
5 x 22 = 110
1 x 5 = 5
8 x 12 = 96
4 x 3.5 = 14
OK

1533

Area per Family - 6,000 sq ft

Off-street Parking - 2 spaces required - 2 cars fit in garage

Loading Bays - N/A

Site Plan - minor / minor 2006 - 0066

Shoreland Zoning / Stream Protection - N/A

Flood Plains - panel 7 - zone X

no daylight basement.

**CITY OF PORTLAND, MAINE
DEVELOPMENT REVIEW APPLICATION
PLANNING DEPARTMENT PROCESSING FORM
Zoning Copy**

2006-0066 _____
Application I. D. Number

3/31/2006 _____
Application Date

Wescott & Payson II _____
Applicant

Marge Schmuckal

240 Harvard St , Portland, ME 04103 _____
Applicant's Mailing Address

Yale St. Lot # 10 _____
Project Name/Description

M J Development _____
Consultant/Agent

140- 140 Yale St , Portland, Maine _____
Address of Proposed Site

Agent Ph: (207)776-1726 Agent Fax: _____
Applicant or Agent Daytime Telephone, Fax

438 A020001 _____
Assessor's Reference: Chart-Block-Lot

Proposed Development (check all that apply): New Building Building Addition Change Of Use Residential Office Retail
 Manufacturing Warehouse/Distribution Parking Lot Other (specify) _____

2160 sf _____ **6955 sf** _____
Proposed Building square Feet or # of Units Acreage of Site Zoning

Check Review Required:

- | | | | |
|--|---|--|--|
| <input checked="" type="checkbox"/> Site Plan
(major/minor) | <input type="checkbox"/> Subdivision
of lots | <input type="checkbox"/> PAD Review | <input type="checkbox"/> 14-403 Streets Review |
| <input type="checkbox"/> Flood Hazard | <input type="checkbox"/> Shoreland | <input type="checkbox"/> Historic Preservation | <input type="checkbox"/> DEP Local Certification |
| <input type="checkbox"/> Zoning Conditional
Use (ZBA/PB) | <input type="checkbox"/> Zoning Variance | <input type="checkbox"/> Other _____ | |

Fees Paid: Site Pla **\$50.00** Subdivision _____ Engineer Review **\$250.00** Date **3/31/2006**

Zoning Approval Status:

Reviewer _____

- Approved** **Approved w/Conditions**
See Attached **Denied**

Approval Date _____ Approval Expiration _____ Extension to _____ Additional Sheets
Attached

Condition Compliance _____
signature date

Performance Guarantee **Required*** **Not Required**

* No building permit may be issued until a performance guarantee has been submitted as indicated below

- | | | | |
|---|----------------|--|-----------------|
| <input type="checkbox"/> Performance Guarantee Accepted | _____ | _____ | _____ |
| | date | amount | expiration date |
| <input type="checkbox"/> Inspection Fee Paid | _____ | _____ | |
| | date | amount | |
| <input type="checkbox"/> Building Permit Issue | _____ | | |
| | date | | |
| <input type="checkbox"/> Performance Guarantee Reduced | _____ | _____ | _____ |
| | date | remaining balance | signature |
| <input type="checkbox"/> Temporary Certificate of Occupancy | _____ | <input type="checkbox"/> Conditions (See Attached) | _____ |
| | date | | expiration date |
| <input type="checkbox"/> Final Inspection | _____ | _____ | |
| | date | signature | |
| <input type="checkbox"/> Certificate Of Occupancy | _____ | | |
| | date | | |
| <input type="checkbox"/> Performance Guarantee Released | _____ | _____ | |
| | date | signature | |
| <input type="checkbox"/> Defect Guarantee Submitted | _____ | _____ | _____ |
| | submitted date | amount | expiration date |
| <input type="checkbox"/> Defect Guarantee Released | _____ | _____ | |
| | date | signature | |

From: Jay Reynolds
To: Single Family Signoff
Date: 4/6/2006 1:31:16 PM
Subject: 140 Yale Street, Yale St. Subdivision Lot #10

Cbl 438 A020,
Approvals with conditions have been entered in urban insight for this application.

Jay Reynolds
Development Review Coordinator
City of Portland Planning Division
(207) 874-8632
jayjr@portlandmaine.gov

Job Name:

File Name: BC CALC Project

Description: FB01

Address:

Specifier:

City, State, Zip:

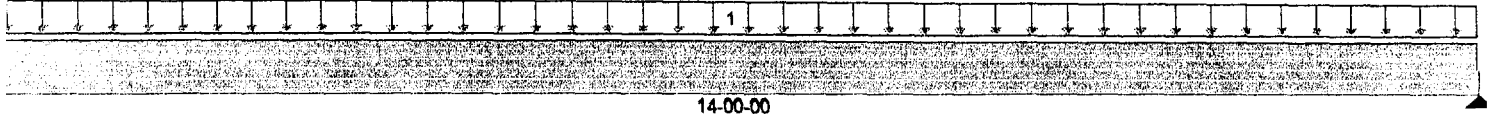
Designer:

Customer:

Company:

Code reports: ESR-I040

Misc:



3 1-3/4"
 .2520 lbs
 L 930 lbs

B1, 1-3/4"
 LL 2520 lbs
 DL 930 lbs

Total of Horizontal Design Spans = 14-00-00

Load Summary	Load Type	Ref.	Start	End	Live	Dead	Snow	Wind	Roof Live	Trib.
Standard Load	Unf. Area	Left	00-00-00	14-00-00	30 psf	10 psf	100%	133%	125%	12-00-00

Controls Summary	Value	% Allowable	Duration	Load Case	Span Location
Pos. Moment	12074 ft-lbs	57.7%	100%	1	1 - Internal
End Shear	3024 lbs	31.9%	100%	1	1 - Left
Total Load Defl.	0.296 (0.568')	81.1%		1	1
Live Load Defl.	L/405 (0.415")	88.9%		1	1
Span I Depth	17.7	n/a			1

Disclosure

Completeness and accuracy of input must be verified by anyone who would rely on output as evidence of suitability for particular application. Output here based on building code-accepted design properties and analysis methods. Installation of BOISE engineered wood products must be in accordance with current Installation Guide and applicable building codes. To obtain Installation Guide or ask questions, please call (800)232-0788 before installation.

Notes

Design meets Code minimum (L/240) total load deflection criteria.
 Design meets Code minimum (L/360) Live load deflection criteria.
 Minimum bearing length for 60 is 1-1/2".
Minimum bearing length for B1 is 1-1/2".
 Entered/Displayed Horizontal Span Length(s) = Clear Span + 1/2 min. end bearing + 1/2 intermediate bearing

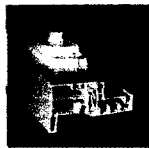
BC CALQ®, BC FRAMER®, AJS™, ALLJOIST®, BC RIMBOARD™, BC1®, BOISE GLULAM™, SIMPLE FRAMING SYSTEM®, VERSA-LAMB, VERSA-RIM PLUS®, VERSA-RIM®, VERSA-STRAND™, VERSA-STUD® are trademarks of Boise Wood Products, L.L.C.

~~1st Floor~~
 2nd Floor Beams
 + Garage Door Header



Paradigm Window Solutions
 PO Box 10100,
 400 Riverside Industrial Parkway,
 Portland, ME 04104
 207.878.9701
 Toll Free 877.994.6369
 Fax 207.797.6156

www.paradigmwindows.com



Double Hung windows have full interlock system at meeting rail with two lines of weatherstripping



Double Hung windows operate using constant force stainless steel coil spring balances for easy operation and low maintenance



Double Hung windows have 6" reinforced sloped sill for better drainage, strength and a traditional appearance



Choose between no grills, traditional flat profile or contour shape colonial grills between the glass.



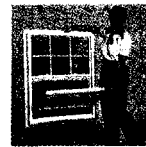
All Paradigm windows feature multiple chamber profiles for superior insulation and rigidity



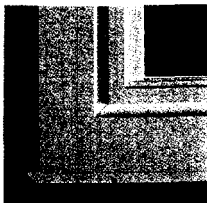
Low profile ergonomic and aesthetic sash locks and tilt-latches compliment the stylish window design



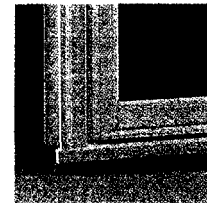
Thermopane units utilize Cardinal Low E² glass with Argon gas and Truseal Swiggle spacer for the best insulating value and clarity of view, including a life time glass seal warranty



Cleaning your windows is simplified by easy to operate bottom and top tilting sash. Full screen is standard.



Order your windows with factory applied 3 1/2" x 5/4" Flat Casing or 908 Brickmould vinyl casing. You can further customize the appearance by using a sill nosing extension shown at the right, or by ordering the casings on all four sides of the windows as shown on the left.



Paradigm windows are available in either white or toasted almond



At Paradigm, we do it all for U! U is defined as the heat flow through the glazing system. When you specify our StarBrite™ glazing system featuring Cardinal IG glass *the best Low E² energy saving glass in the industry* and TruSeal swiggle *warm edge technology* spacer system you get a window that's been tested and is NFRC compliant and exceeds all Energy Star® qualifications for the industry. Compare Paradigm's U values and see why we're your best choice in windows!

PERFORMANCE TESTING OF SINGLE WINDOW UNITS

Window Size	Glass Type	U Glass	U Unit	S.H.G.C. Unit	V.L.T. Unit	Air Inf. @25mph	Water PSF	Structural Rating (PSF)	Structural Class (AAMA)	Overall Rating
36x60	Clear	.49	.48	.56	.57	.07 CFM	6.0	90	R60	R40
36x60	Low E ²	.30	.35	.31	.51	.07 CFM	6.0	90	R60	R40
36x60	Low E ² /Argon	.25	.31	.31	.51	.07 CFM	6.0	90	R60	R40
44x60	Clear	.49	.48	.55	.60	.07 CFM	6.0	75	R50	H-R40
44x60	Low E ²	.30	.34	.31	.53	.07 CFM	6.0	75	R50	H-R40
44x60	Low E ² /Argon	.25	.30	.31	.53	.07 CFM	6.0	75	R50	H-R40

Low E²/Argon is standard in Craftec.

S.H.G.C. is Shading Coefficient.
 V.L.T. is Visible Light Transmittance.



Energy Star Program, U.S. Environmental Protection Agency www.energystar.gov
 NFRC, Nation Fenestration Rating Council www.nfrc.org



APEX MANAGEMENT
31 OLD CAMPUS DRIVE
PORTLAND, MAINE 04103
(207) 797-4380
PAX (207) 878-5216

To Jeannie Bourke 2 pgs
Fax 874-8716

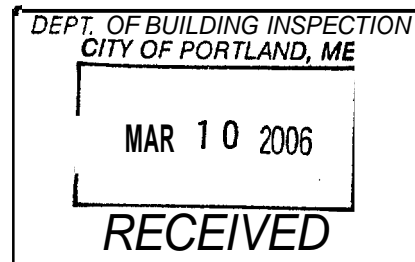
Please find Enclosed a spec.

Sheet For L.V.L. to be used @ 88 1/2 lbs.
lot #2 as Requested

Thank you

Jim Wescott

776-1762.





Single 5-1/4" x 11-7/8" VERSA-LAMB 2.0 3100 DF

Floor Beam\FB01

BC CALC® 8.2 Design Report - US
 Build 141

1 span | No cantilevers | 0/12 slope

Wednesday, March 08, 2006 10:01

Job Name:
 Address:
 City, State, Zip:
 Customer:
 Code reports: ESR-1040

File Name: BC CALC Project
 Description: FB01
 Specifier:
 Designer:
 Company:
 Misc:



B0, 3-1/2"
 LL 3840 lbs
 DL 1088 lbs

B1, 3-1/2"
 LL 3840 lbs
 DL 1088 lbs

Total Horizontal Product Length = 16-00-00

Load Summary	Load Type	Ref.	Start	End	Live 100%	Dead 80%	Snow 115%	Wind 133%	Roof Live 125%	Trib.
1 Standard Load	Unf. Area	Left	00-00-00	16-00-00	40 psf	10 psf				12-00-00

Controls Summary	Value	% Allowable	Duration	Load Case	Span Location
Pos. Moment	18598 ft-lbs	58.3%	100%	1	1 - Internal
End Shear	4138 lbs	34.8%	100%	1	1 - Left
Total Load Defl.	L/338 (0.552")	71.0%		1	1
Live Load Defl.	L/434 (0.43")	83.0%		1	1
Max Defl.	0.552"	55.2%		1	1
Span / Depth	15.7	n/a			1

Disclosure

Completeness and accuracy of input must be verified by anyone who would rely on output as evidence of suitability for particular application. Output here based on building code-accepted design properties and analysis methods. Installation of BOISE engineered wood products must be in accordance with current Installation Guide and applicable building codes. To obtain Installation Guide or ask questions, please call (800)292-0788 before installation.

Bearing Supports	Dim. (L x W)	Value	% Allow Support	% Allow Member	Material
B0 Post	3-1/2" x 3-1/2"	4928 lbs	n/a	53.6%	Unspecified
B1 Post	3-1/2" x 3-1/2"	4928 lbs	n/a	53.6%	Unspecified

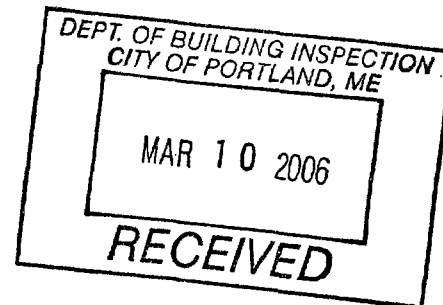
Cautions

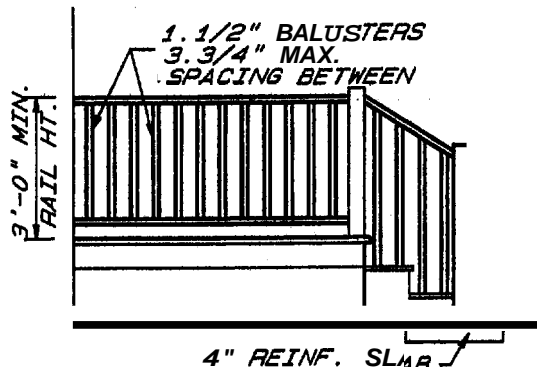
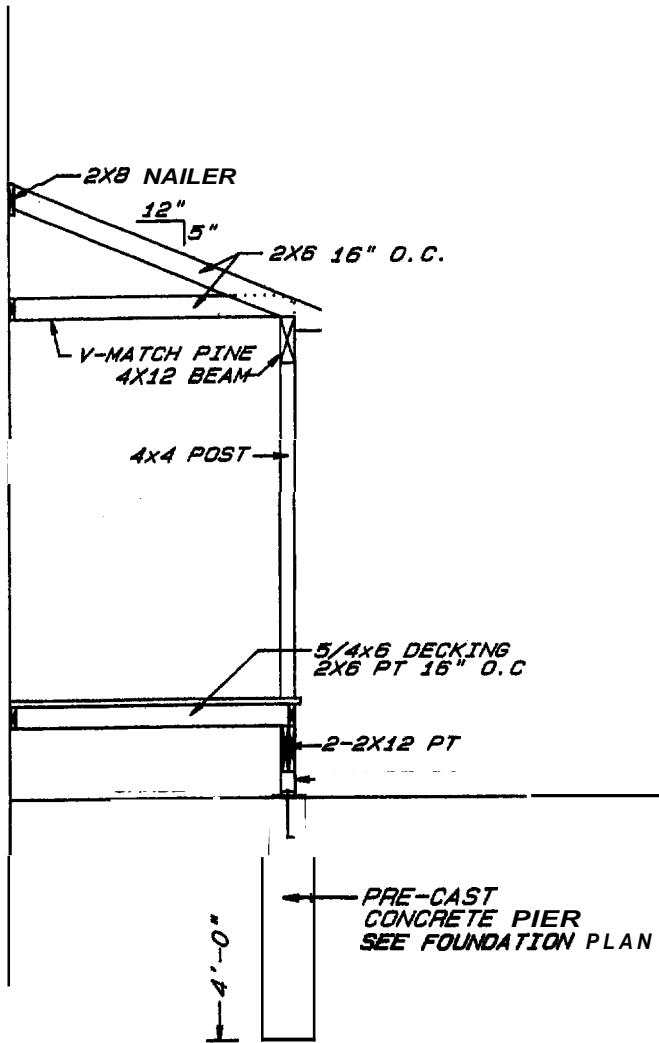
Member is not fully supported at post B0. A connector is required at this bearing.
 Column at Bearing B0 analyzed for bearing only, column analysis has not been performed.
 Member is not fully supported at post B1. A connector is required at this bearing.
 Column at Bearing B1 analyzed for bearing only, column analysis has not been performed.

Notes

Design meets Code minimum (L/240) Total load deflection criteria.
 Design meets Code minimum (L/360) Live load deflection criteria.
 Design meets arbitrary (1") Maximum load deflection criteria.

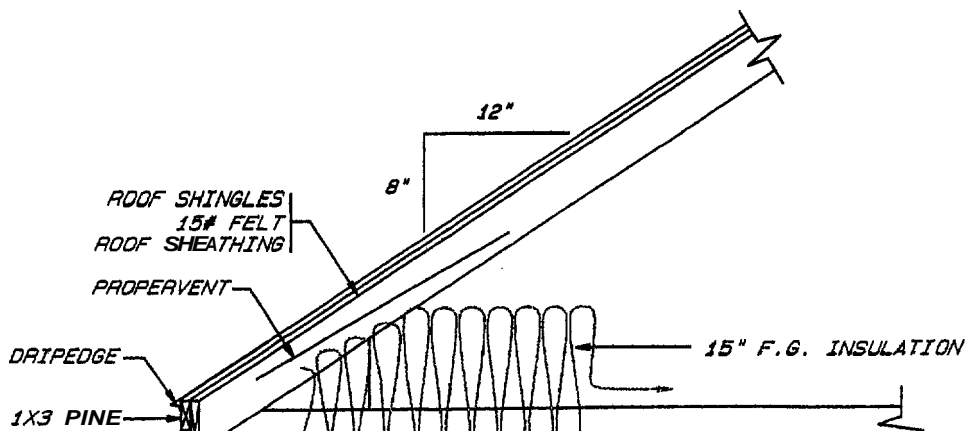
BC CALC®, BC FRAMERS, AIS™, ALLVOIST®, BC RIM BOARD™, BCIS, BOISE GLULAM™, SIMPLE FRAMING SYSTEMS®, VERSA-LAMB®, VERSA-RIM PLUS®, VERSA-RIM®, VERSA-STRAND™, VERSA-STUD® are trademarks of Boise Wood Products, L.L.C.



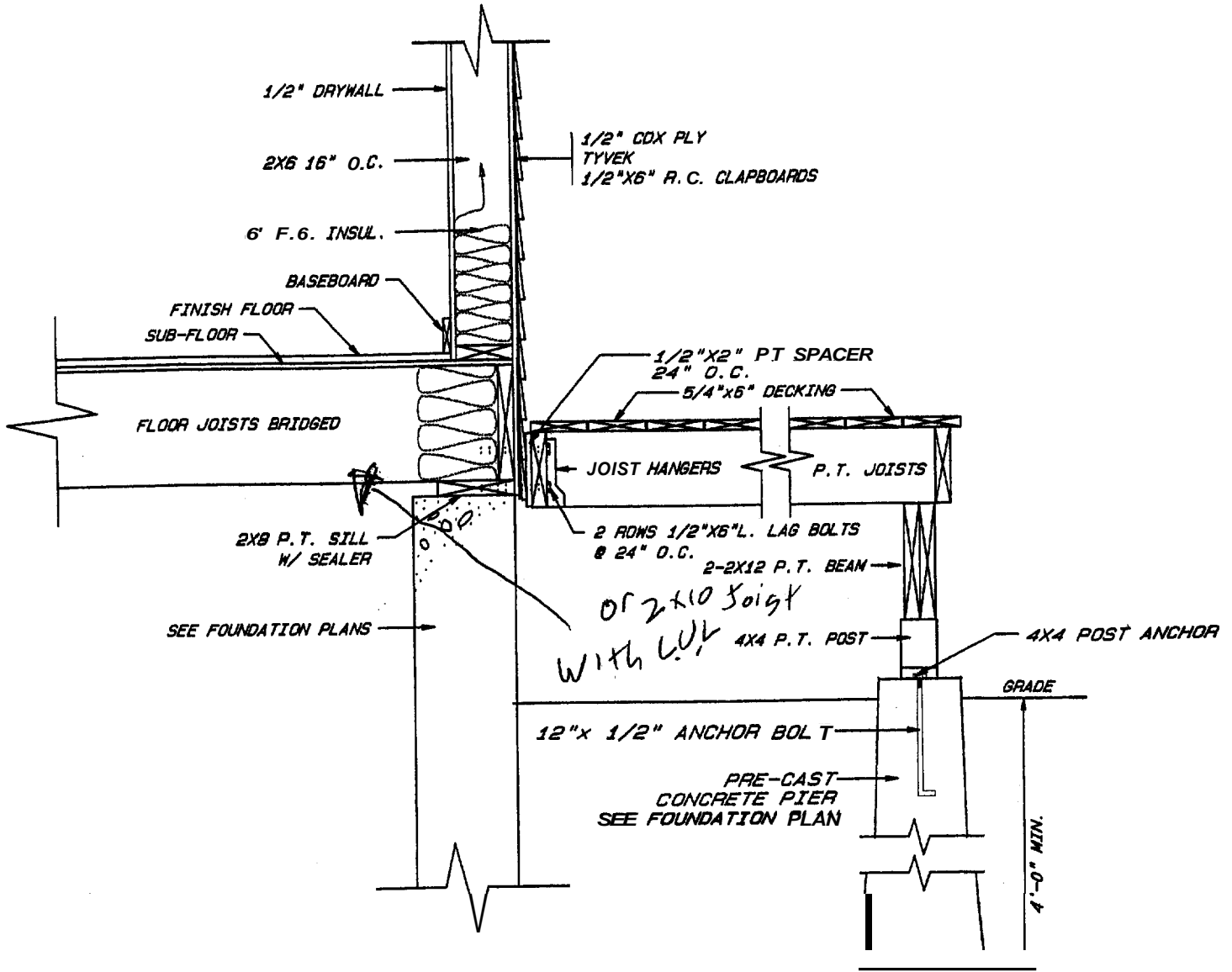


STAIR RAIL DETAIL

SECTION @ PORCH

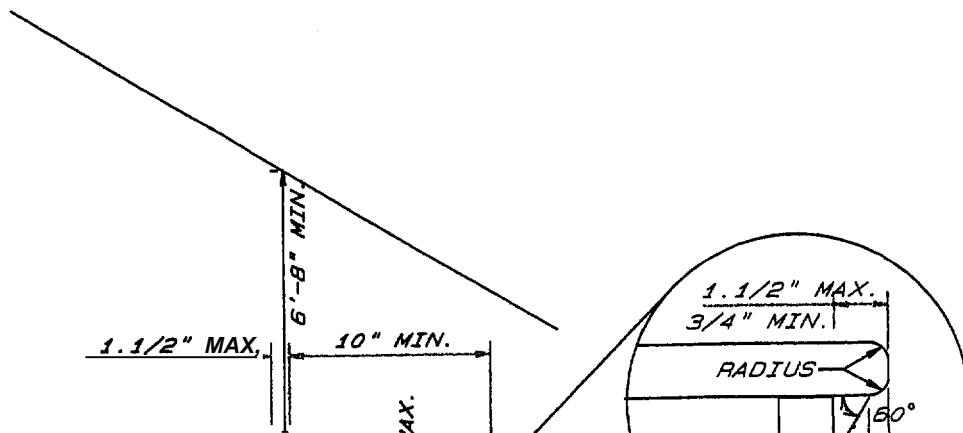


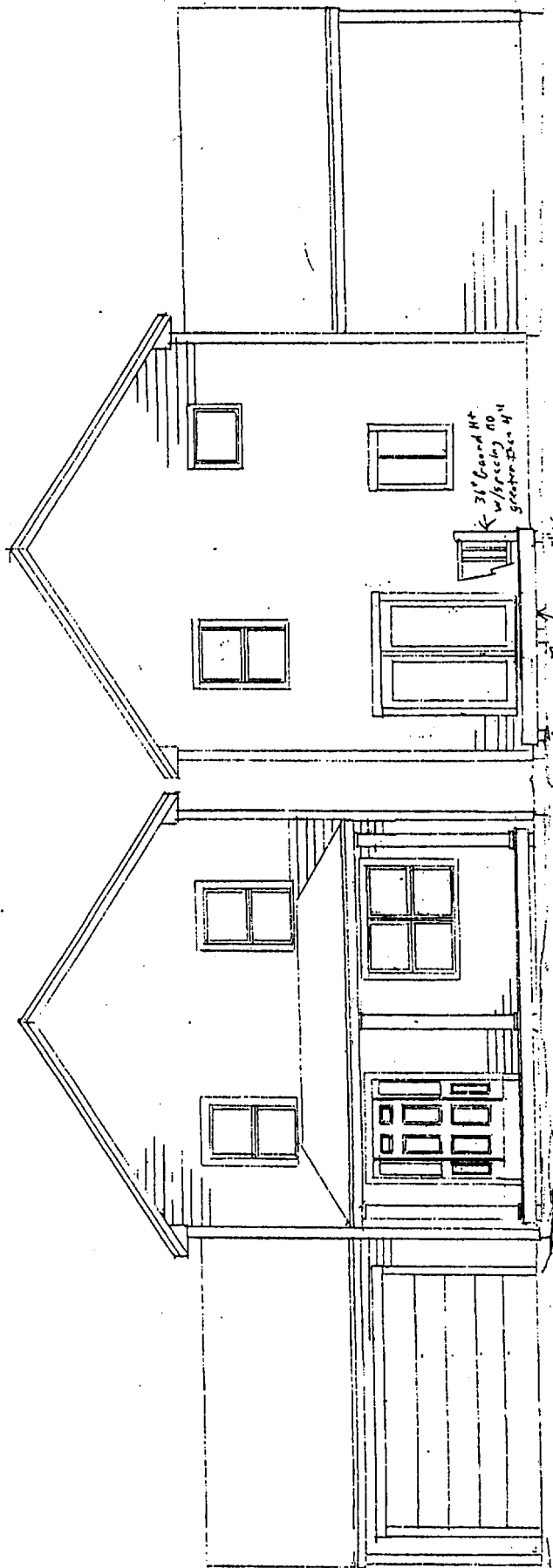
2x1



PORCH DECK DETAIL

SCALE: 3/4" = 1'-0"





Front Elevation $\frac{1}{4} = 1'-0''$

Rear Elevation $\frac{1}{4} = 1'-0''$

LOT #10 Yale St

31" board ht
w/spacing 10
greater than 4"

4x4 ft
posts, 60
topped piers

4x4 ft
posts, 60
topped piers

SCALE:	DATE:	DESIGNED BY:	DRAWING NUMBER: