

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND

BUILDING PERMIT

This is to certify that DAVID R SHEDD

Located At 55 ALDWORTH ST

Job ID: 2012-05-3998-ALTR

CBL: 309- F-036-001

has permission to adding full dormer on the rear of house

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

Notification of inspection and written permission procured before this building or part thereof is lathed or otherwise closed-in. 48 HOUR NOTICE IS REQUIRED.

A final inspection must be completed by owner before this building or part thereof is occupied. If a certificate of occupancy is required, it must be

Fire Prevention Officer

Code Enforcement Officer / Plan Reviewer

**THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY
PENALTY FOR REMOVING THIS CARD**

BUILDING PERMIT INSPECTION PROCEDURES

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

or email: buildinginspections@portlandmaine.gov

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the city of Portland Inspections Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- **Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.**
- **Permits expire in 6 months. If the project is not started or ceases for 6 months.**
- **If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue.**

Required Inspections:

Close In Elec/Plmb/Frame prior to insulate or gyp

Final Inspection

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OF CIRCUMSTANCES.

IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.



PORTLAND MAINE

Strengthening a Remarkable City, Building a Community for Life • www.portlandmaine.gov

Acting Director of Planning and Urban Development
Gregory Mitchell

Job ID: 2012-05-3998-ALTR

Located At: 55 ALDWORTH ST

CBL: 309- F-036-001

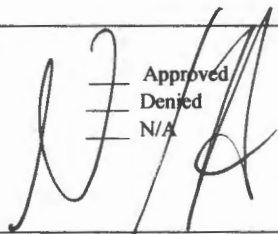

Conditions of Approval:


Building

1. Separate permits are required for any electrical, plumbing, sprinkler, fire alarm HVAC systems, heating appliances, commercial hood exhaust systems and fuel tanks. Separate plans may need to be submitted for approval as a part of this process.
2. Hardwired interconnected battery backup smoke detectors shall be installed in all bedrooms, protecting the bedrooms, and on every level.
3. Application approval based upon information provided by applicant. Any deviation from approved plans requires separate review and approval prior to work.

City of Portland, Maine - Building or Use Permit Application

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

Job No: 2012-05-3998-ALTR	Date Applied: 5/15/2012	CBL: 309- F-036-001	
Location of Construction: 55 ALDWORTH ST	Owner Name: DAVID R SHEDD	Owner Address: 55 ALDWORTH ST PORTLAND, ME 04103	Phone: 835-1068
Business Name:	Contractor Name: Tom Williams@ Williams Construction	Contractor Address: 29 Ocean Avenue, Portland, ME 04103	Phone: 838-4360
Lessee/Buyer's Name:	Phone:	Permit Type: BLDG ADD	Zone: R-3
Past Use: Single Family Dwelling	Proposed Use: Same: Single Family Dwelling - to add a full dormer on the rear of the house and two small dormers on front and new deck of rear second floor 4.5'x11'	Cost of Work: \$35,000.00	CEO District:
Proposed Project Description: adding full dormer on the rear of house		Fire Dept:  Approved Denied N/A	Inspection: Use Group: R-3 Type: SB IRC 09 
Permit Taken By: Gayle		Pedestrian Activities District (P.A.D.)	

<p>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</p> <p>2. Building Permits do not include plumbing, septic or electrical work.</p> <p>3. Building permits are void if work is not started within six (6) months of the date of issuance. False informatin may invalidate a building permit and stop all work.</p>	<p>Special Zone or Reviews</p> <p><input type="checkbox"/> Shoreland <i>using 14-436(b)</i></p> <p><input checked="" type="checkbox"/> Wetlands <i>used 31% of 80% Allowed</i></p> <p><input type="checkbox"/> Flood Zone</p> <p><input type="checkbox"/> Subdivision</p> <p><input type="checkbox"/> Site Plan</p> <p><input type="checkbox"/> Maj <input type="checkbox"/> Min <input type="checkbox"/> MM</p> <p>Date: <i>OK 5/31/12</i></p>	<p>Zoning Appeal</p> <p><input checked="" type="checkbox"/> Variance</p> <p><input type="checkbox"/> Miscellaneous</p> <p><input type="checkbox"/> Conditional Use</p> <p><input type="checkbox"/> Interpretation</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Denied</p> <p>Date:</p>	<p>Historic Preservation</p> <p><input checked="" type="checkbox"/> Not in Dist or Landmark</p> <p><input type="checkbox"/> Does not Require Review</p> <p><input type="checkbox"/> Requires Review</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Approved w/Conditions</p> <p><input type="checkbox"/> Denied</p> <p>Date: </p>
	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 appication 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

7-13-12 DWM David 838-1068 close-in OK provide
egress windows.

12-11-12 ~~q~~ final ok

(CLOSET)



**David Shedd
P. O. Box 11375
Portland, ME 04104
(207) 253-3141
Davidshedd1@gmail.com**

May 11, 2012

City of Portland
RE: 55 Aldworth Street

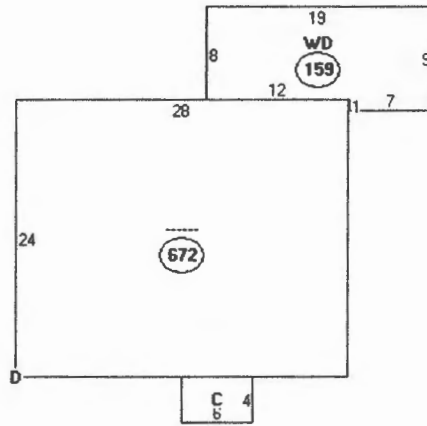
To Whom It May Concern:

I authorize Williams Construction of Ocean Avenue, Portland to perform all work related to the structural plans drawn by Becker Structural Engineers for 55 Aldworth Street. Any questions, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'David Shedd', written in a cursive style.

David Shedd



Descriptor/Area

- A: -----
672 sqft
- B: WD
159 sqft
- C: OFP
24 sqft
- D: RG1
480 sqft

GENERAL NOTES

1. THE FOLLOWING NOTES ARE INTENDED TO BE USED AS OUTLINED SPECIFICATIONS FOR THIS PROJECT. THE REFERENCED STANDARDS ARE CONSIDERED TO BE PART OF THE WORK.
2. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS. CONSULT THESE DRAWINGS FOR LOCATIONS AND DIMENSIONS OF OPENINGS, CHASES, INSERTS, REGLETS, SLEEVES, DEPRESSIONS, AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS.
3. ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
4. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE ONLY AFTER THE STRUCTURAL WORK CONTAINED IN THE STRUCTURAL DRAWINGS IS COMPLETED. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, BUYS OR TIEDOWNS. SUCH MATERIAL SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER COMPLETION OF THE PROJECT.
5. SECTIONS AND DETAILS SHOWN ON ANY STRUCTURAL DRAWINGS SHALL BE CONSIDERED TYPICAL FOR SIMILAR CONDITIONS AS DETERMINED BY THE STRUCTURAL ENGINEER.
6. ALL APPLICABLE FEDERAL, STATE, AND MUNICIPAL REGULATIONS SHALL BE FOLLOWED, INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA).

DESIGN LOADS

1. BUILDING CODE: MAINE UNIFORM BUILDING AND ENERGY CODE, INTERNATIONAL RESIDENTIAL CODE, 2009 EDITION ASCE 7-05 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES.
2. DESIGN FLOOR LIVE LOADS:

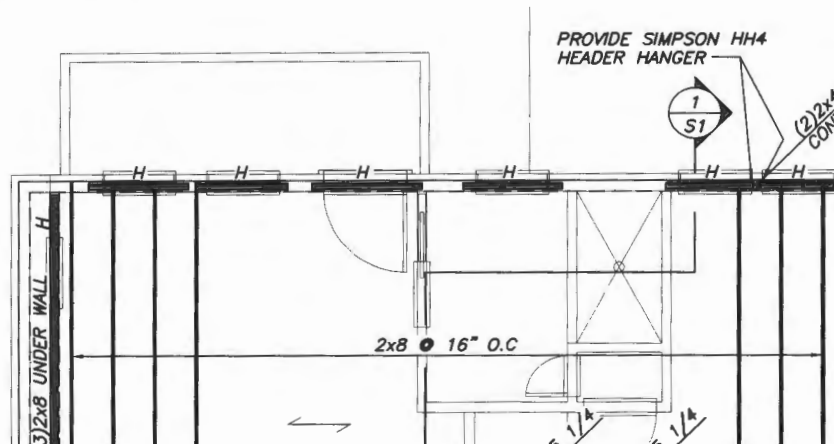
SLEEPING ROOMS	30 PSF
ALL OTHER AREAS	40 PSF
3. DESIGN ROOF SNOW LOAD:

GROUND SNOW LOAD (P_g):	60 PSF
SNOW EXPOSURE FACTOR (C_e):	1.0
SNOW LOAD IMPORTANCE FACTOR (I_s):	1.0
SNOW LOAD THERMAL FACTOR (C_t):	1.1
FLAT ROOF SNOW LOAD (P_f):	46 PSF + DRIFT
4. DESIGN WIND LOAD:

BASIC WIND SPEED:	100 MPH
WIND LOAD IMPORTANCE FACTOR (I_w):	1.0
WIND EXPOSURE:	C
INTERNAL PRESSURE COEFFICIENT:	± 0.18
COMPONENTS & CLADDING LOADS PER ASCE 7-05	

STRUCTURAL STEEL NOTES

1. STRUCTURAL STEEL FABRICATION, ERECTION, AND CONNECTION DESIGN SHALL CONFORM TO AISC "SPECIFICATION FOR THE DESIGN FABRICATIONS, AND ERECTION OF STRUCTURAL STEEL" 13TH EDITION, AND THE "CODE OF STANDARD PRACTICE", LATEST EDITION.
2. STRUCTURAL STEEL: STEEL PLATES, SHAPES, AND BARS, SHALL CONFORM TO ASTM A36 UNLESS NOTED OTHERWISE (U.N.O.). STRUCTURAL STEEL SHAPES DESIGNATED ON THE DRAWINGS FOR WIDE-FLANGE SECTIONS: ASTM A992 (ASTM A572 GRADE 50 WITH SPECIAL REQUIREMENTS PER AISC TECHNICAL BULLETIN #3 DATED MARCH, 1997)
3. WHERE WELDING IS INDICATED, ALL WELDING SHALL CONFORM TO AWS D1.1-LATEST EDITION. ELECTRODES SHALL CONFORM TO AWS A5.1 E70XX SERIES WITH PROPER ROD TO PRODUCE OPTIMUM WELD (LOW HYDROGEN)
4. ALL STEEL SHALL BE FABRICATED AND SHIPPED AS BARE UN-PAINTED STEEL, EXCEPT STEEL PERMANENTLY EXPOSED TO WEATHER. ALL STEEL EXPOSED TO WEATHER SHALL BE HOT-DIPPED GALVANIZED.
5. PROVIDE ALL ANGLES, PLATES, ANCHORS, BOLTS, ETC., SHOWN ON ARCHITECTURAL DRAWINGS.



TIMBER NOTES

1. ALL TIMBER FRAMING SHALL BE IN ACCORDANCE WITH THE AITC TIMBER CONSTRUCTION MANUAL- LATEST EDITION, AND THE AF & PA NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS) 2001 EDITION.
2. INDIVIDUAL TIMBER FRAMING MEMBERS SHALL BE VISUALLY GRADED. MINIMUM GRADE NO1/NO2 SPRUCE-PINE-FIR (NOT S.P.F. SOUTH (S)) KILN DRIED TO 19% MAXIMUM MOISTURE CONTENT UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
3. ENGINEERED WOOD PRODUCTS SHALL BE AS SPECIFIED ON THE DRAWINGS. REFER TO MANUFACTURER'S LITERATURE FOR PROPER HANDLING AND INSTALLATION GUIDELINES. MANUFACTURER AND PRODUCT SHALL BE:
TRUS-JOIST: I-JOIST (TJI), PARALLAM (PSL), MICROLAM (LVL), TIMBERSTRAND (LSL)
BOISE: I-JOIST (BCI), VERSALAM (LVL)
4. SUBSTITUTIONS OF ENGINEERED WOOD MATERIALS OTHER THAN THOSE SPECIFIED WILL B PERMITTED ONLY WITH WRITTEN CERTIFICATION FROM THE MANUFACTURER THAT SUBSTITUTED ITEMS "MEETS OR EXCEED" ALL PROPERTIES OF SPECIFIED PRODUCT, INCLUDING ENGINEERING AND DURABILITY CHARACTERISTICS. SUBSTITUTIONS ARE SUBJECT TO APPROVAL BY THE ARCHITECT AND ENGINEER.
5. PRESSURE TREATED LUMBER SHALL BE USED FOR SILL MEMBERS, EXTERIOR EXPOSURE, OR WHERE SHOWN ON THE DRAWINGS. TIMBER SHALL BE SOUTHERN YELLOW PINE TREATED WITH CCA OR ACQ TO 0.4 #/CF IN ACCORDANCE WITH AWPAC C-18. ACZA IS STRICTLY PROHIBITED.
6. ALL ROOF AND WALL SHEATHING SHALL BE APA PERFORMANCE-RATED. PROVIDE 5/8" THICK CD-X ROOF SHEATHING AND 1/2" THICK WALL SHEATHING (U.N.O.) SEE SHEARWALL SCHEDULE FOR NAILING REQUIREMENTS EXCLUSIVE TO SHEARWALLS. SHEATHING SHALL BE NAILED TO THE FRAMING AS FOLLOWS, U.N.O.:

EX:
BE
TO
RE

TYPICAL PANEL FASTENING (U.N.O.)

A. ROOFS: 8d NAILS AT 6" O.C. AT SUPPORTED PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS.

B. WALLS: 8d NAILS AT 6" O.C. AT SUPPORTED PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS.

7. FLOOR SHEATHING SHALL BE 3/4", APA RATED TONGUE AND GROOVE PANELS. GLUE AND NAIL TO FLOOR FRAMING WITH 8d RING SHANK NAILS AT 6" O.C. AT SUPPORTED PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS.
8. ALL BUILT-UP BEAMS AND COLUMNS SHALL BE NAILED AS FOLLOWS (FASTENING IN EACH PLY):

UNIFORMLY LOADED BEAMS:

BEAM DEPTH < 16" - 2 ROWS OF 16d NAILS AT 12" O.C., STAGGERED
 BEAM DEPTH >= 16" - 3 ROWS OF 16d NAILS AT 12" O.C. STAGGERED
 NOTE: SIDE LOADED BEAMS REQUIRE ADDITIONAL FASTENING. SEE DETAILS.

COLUMNS:

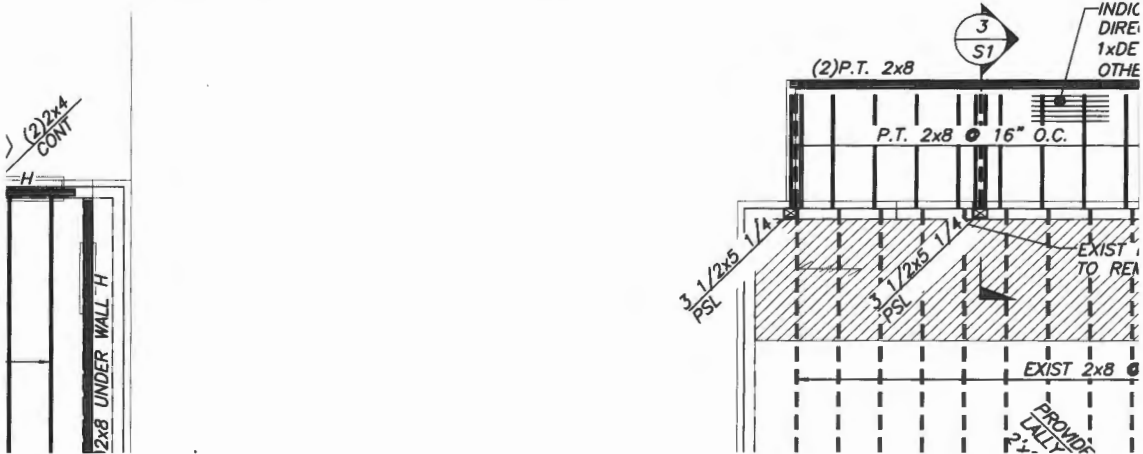
2-10d NAILS AT 6" O.C.

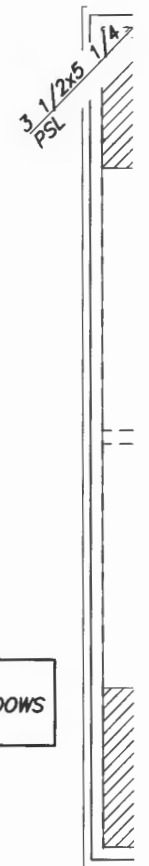
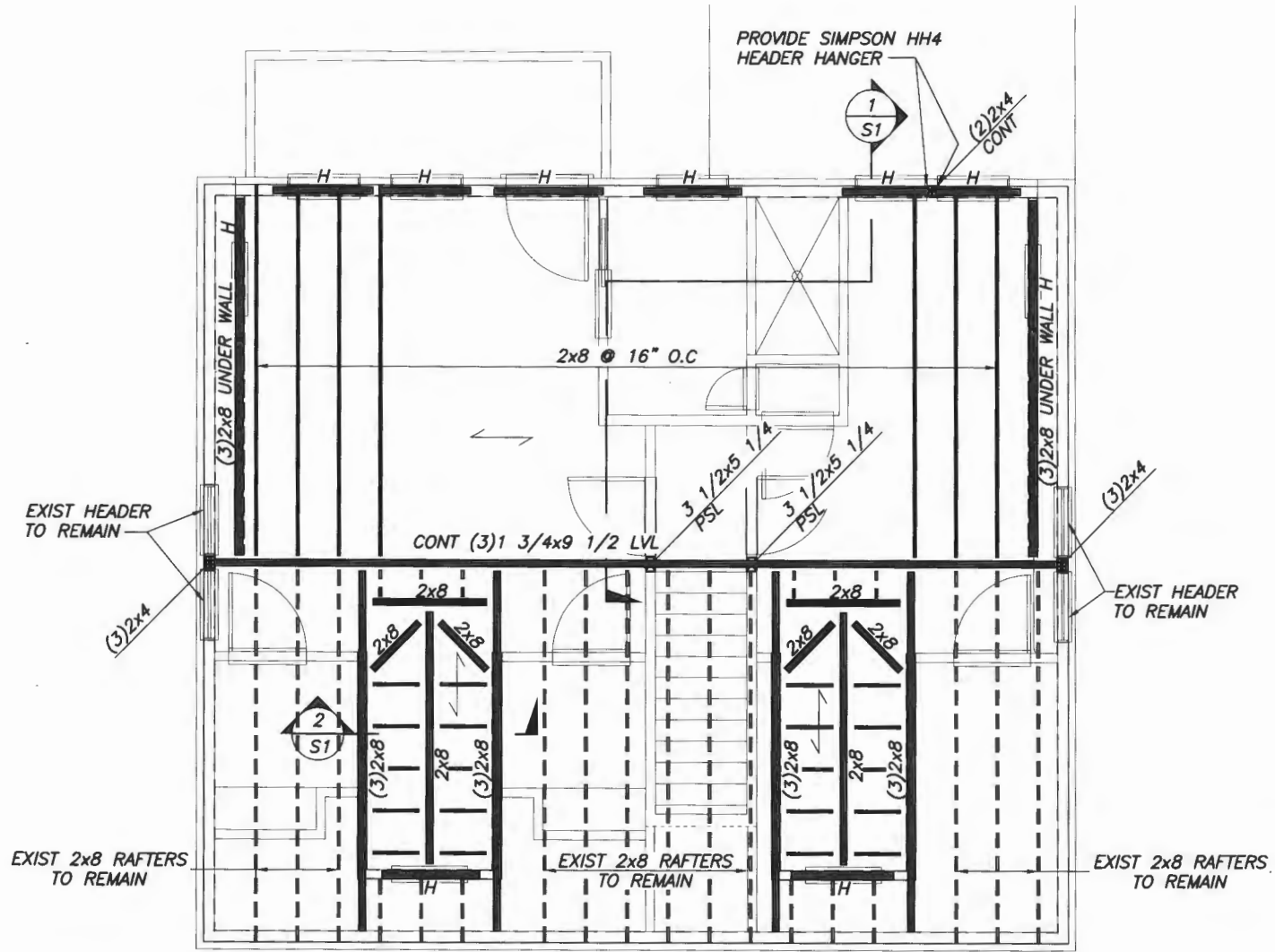
9. FASTENING NOT SPECIFIED SHALL CONFORM WITH IBC (2003) TABLE 2304.9.1. NAIL FASTENERS SHALL MEET THE REQUIREMENTS OF ASTM F1667. UNLESS NOTED OTHERWISE, NAILS REFERENCED ON DRAWINGS ARE TO BE COMMON NAILS WITH DIMENSIONS AS FOLLOWS.

- 6d: 2" LONG BY 0.113" DIAMETER SHANK WITH 0.266" DIAMETER HEAD
- 8d: 2 1/4" LONG BY 0.131" DIAMETER SHANK WITH 0.281" DIAMETER HEAD
- 10d: 3" LONG BY 0.148" DIAMETER SHANK WITH 0.312" DIAMETER HEAD
- 12d: 3 1/4" LONG BY 0.148" DIAMETER SHANK WITH 0.312" DIAMETER HEAD
- 16d: 3 1/2" LONG BY 0.162" DIAMETER SHANK WITH 0.344" DIAMETER HEAD
- 20d: 4" LONG BY 0.192" DIAMETER SHANK WITH 0.406" DIAMETER HEAD
- 30d: 4 1/2" LONG BY 0.207" DIAMETER SHANK WITH 0.438" DIAMETER HEAD

10. ALL TIMBER CONNECTION HARDWARE (JOIST HANGERS, POST BASES, SHEARWALL HOLDOWNS, ETC) SHALL BE AS INDICATED ON THE DRAWINGS AND MANUFACTURED BY SIMPSON STRONG-TIE. ALL CONNECTION HARDWARE SHALL BE HOT-DIPPED GALVANIZED G-90 (U.N.O.). CONNECTION HARDWARE USED IN CONTACT WITH PRESERVATIVE TREATMENT SHALL BE GALVANIZED G185 (ZMAX) USE FASTENERS AND HANGERS OF SAME MATERIAL & COATING. REFER TO MANUFACTURER'S LITERATURE FOR PROPER HANDLING AND INSTALLATION GUIDELINES.

11. FASTENERS USED IN CONTACT WITH PT LUMBER SHALL BE HOT DIPPED GALVANIZED (ASTM A153), STAINLESS STEEL, OR OTHER FINISH AS APPROVED BY THE ENGINEER.

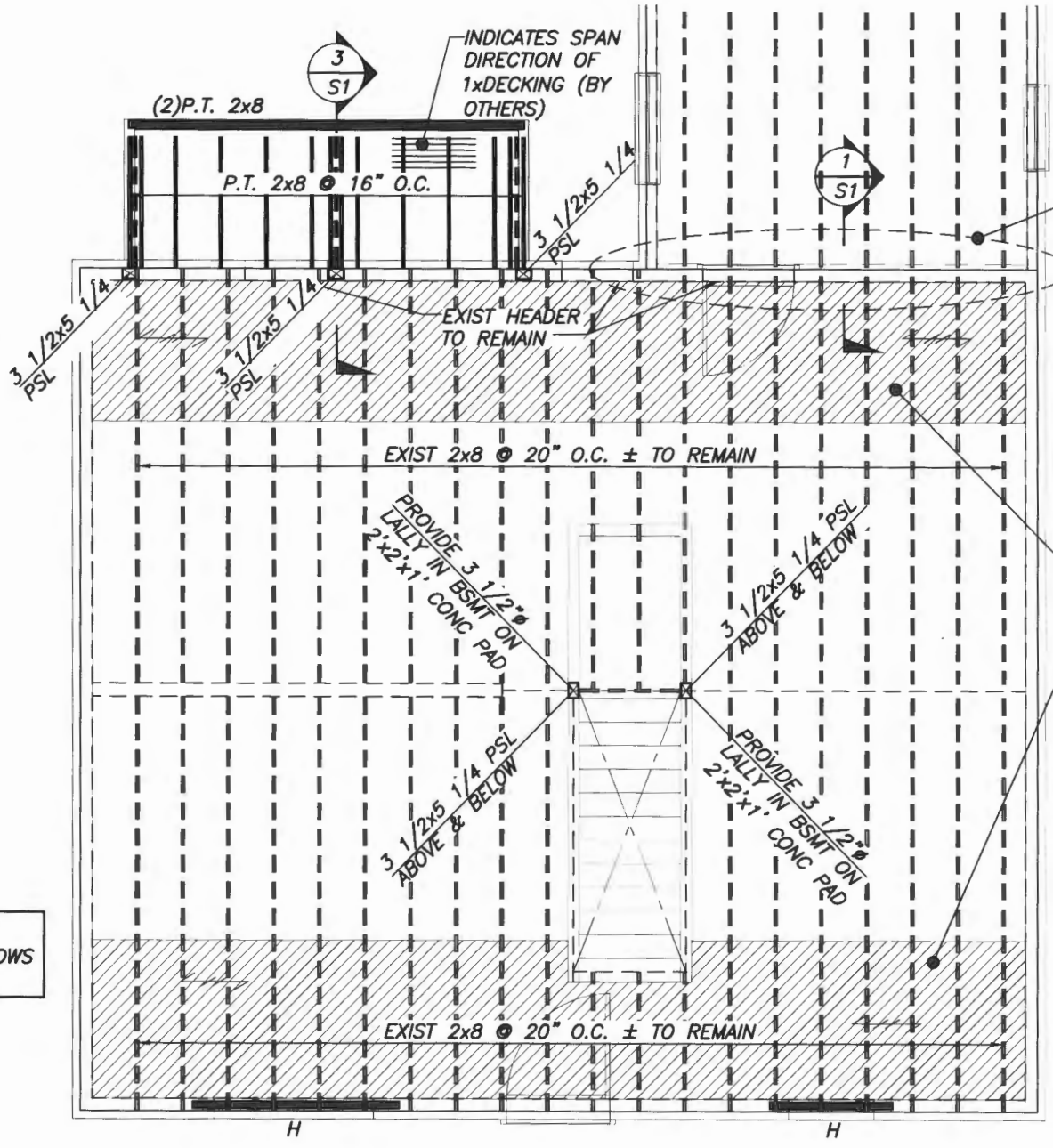




NOTE: EXISTING
GABLE END WINDOWS
NOT SHOWN

CON
(2)2

(2)H.D. GAL'
THRU BOLTS



INDICATES SPAN
DIRECTION OF
1x DECKING (BY
OTHERS)

(2)P.T. 2x8

P.T. 2x8 @ 16" O.C.

NOTE: SHORE END OF
LOWER RAFTERS PRIOR TO
DEMO OF UPPER ROOF

EXIST HEADER
TO REMAIN

EXIST 2x8 @ 20" O.C. ± TO REMAIN

PROVIDE 3 1/2" @
2'x2'x1' CONCR PAD

3 1/2x5 1/4 PSL
ABOVE & BELOW

3 1/2x5 1/4 PSL
ABOVE & BELOW

PROVIDE 3 1/2" @
2'x2'x1' CONCR PAD

PROVIDE NEW PLYWOOD
OR BOARD SHEATHING TO
MATCH EXIST THICKNESS

EXIST 2x8 @ 20" O.C. ± TO REMAIN

NOTE: EXISTING
GABLE END WINDOWS
NOT SHOWN

NOTE: EXISTING
GABLE END WINDOWS
NOT SHOWN

3 5/8"

3/16"

SEE FIRST FLOOR DRAWINGS
& RAILING INFO

DECK JOISTS W/LUS28Z
HGRS-TYP (PROVIDE
(1)JOIST EA SIDE OF BRACE)

SIMPSON 22GA STRAP x 1'-0"
LONG W/8d NAILS EA JOIST
W/2 MAX FINISH

CONT P.T. (2)2x8 W/MAINE DECK
BRACKET @ MID & EA END

(2)16d @ 4" O.C.
INTO SOLID BLKG

(2)2x8 SOLID BLKG

EXIST FLR JOIST

SIMPSON A23 EA END
OF BLKG @ BOT

PSL POST (SEE PLAN)
W/SIMPSON A23 TOP & BOT-
EA SIDE OF POST

SEE SECT 1
FOR ADDL INFO

CONT P.T.
(2)2x8

(2)H.D. GALV 1/2"Ø
THRU BOLTS

P.T. 4x6 BRACE
(1)@MID & EA END

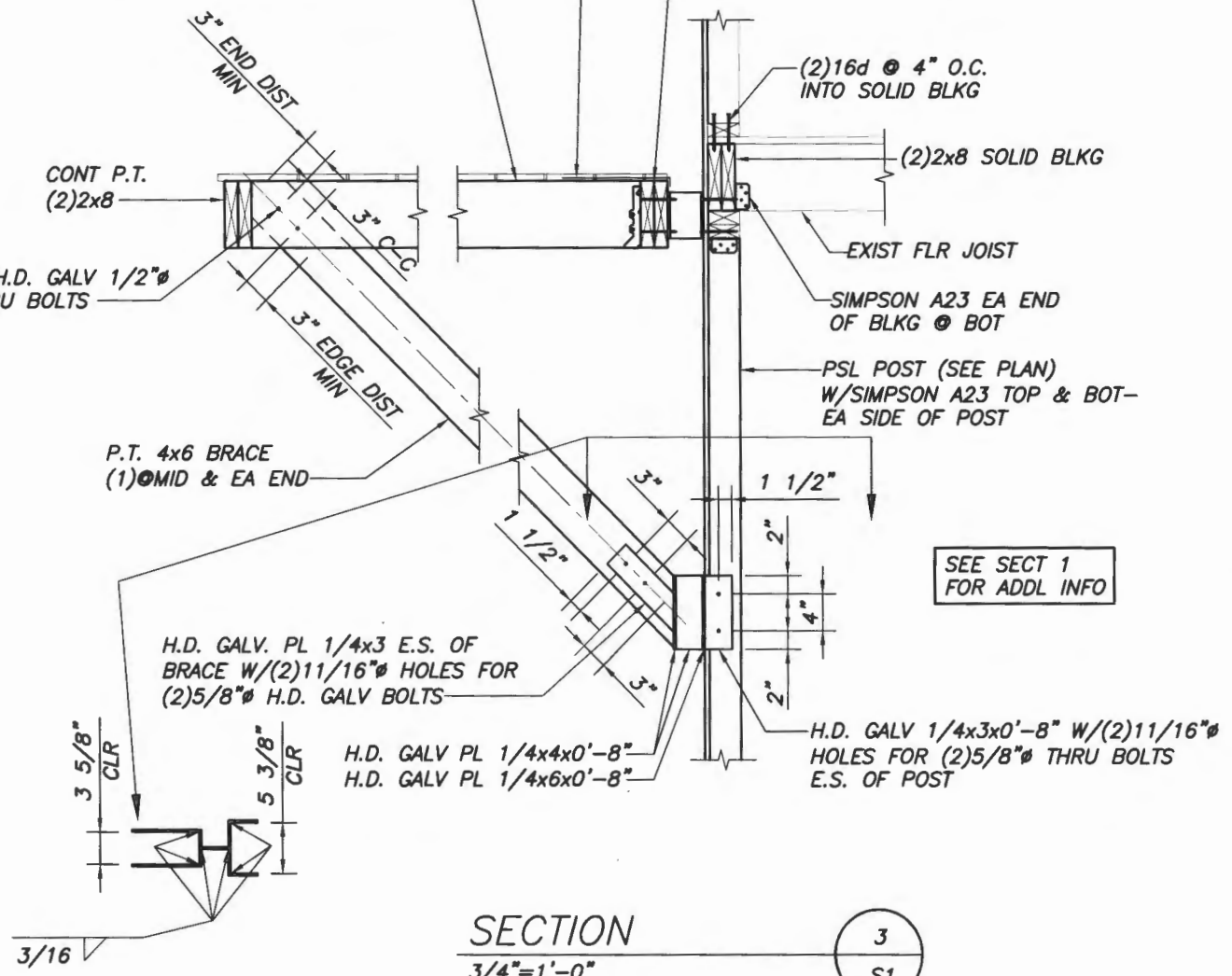
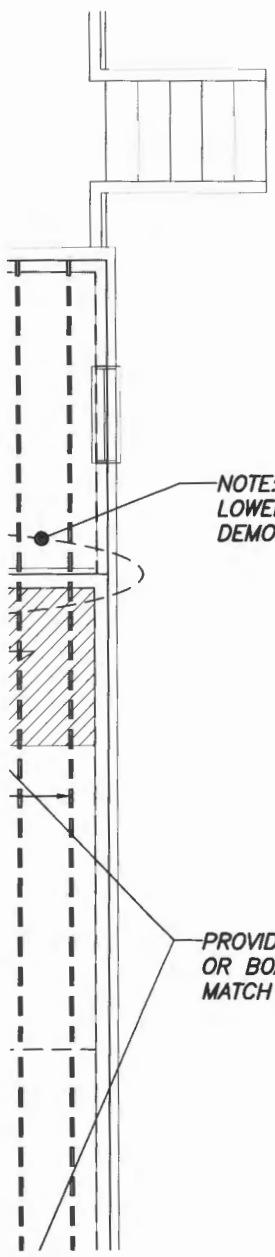
H.D. GALV. PL 1/4x3 E.S. OF
BRACE W/(2)11/16"Ø HOLES FOR
(2)5/8"Ø H.D. GALV BOLTS

H.D. GALV PL 1/4x4x0'-8"
H.D. GALV PL 1/4x6x0'-8"

H.D. GALV 1/4x3x0'-8" W/(2)11/16"Ø
HOLES FOR (2)5/8"Ø THRU BOLTS
E.S. OF POST

NOTE: SHORE END OF
LOWER RAFTERS PRIOR TO
DEMO OF UPPER ROOF

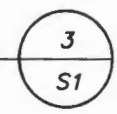
PROVIDE NEW PLYWOOD
OR BOARD SHEATHING TO
MATCH EXIST THICKNESS

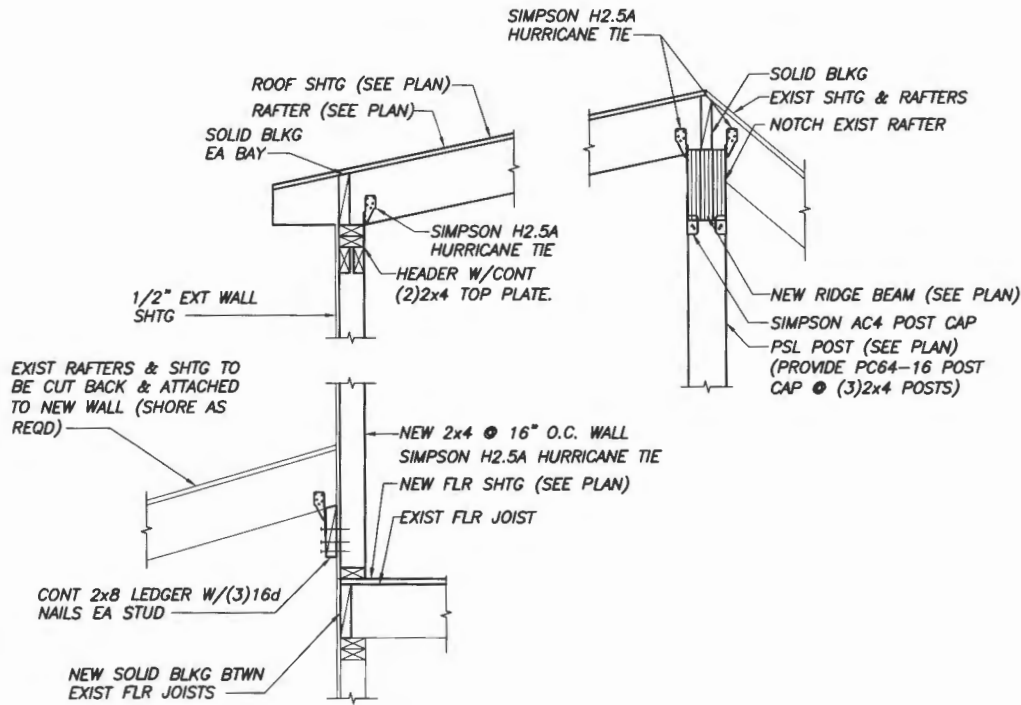


SECTION

3/4"=1'-0"

OWNER OPTION TO PAINT STEEL
BRACKETS IN LIEU OF H.D. GALVANIZE

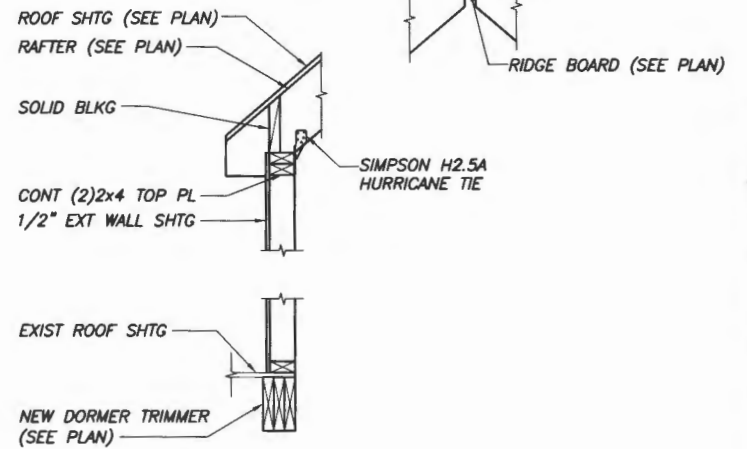




SECTION
3/4"=1'-0"

1
S1

EXIST RAFTERS & SHTG TO BE CUT BACK & ATTACHED TO NEW WALL (SHORE AS REQD)



SECTION
3/4"=1'-0"

2
S1

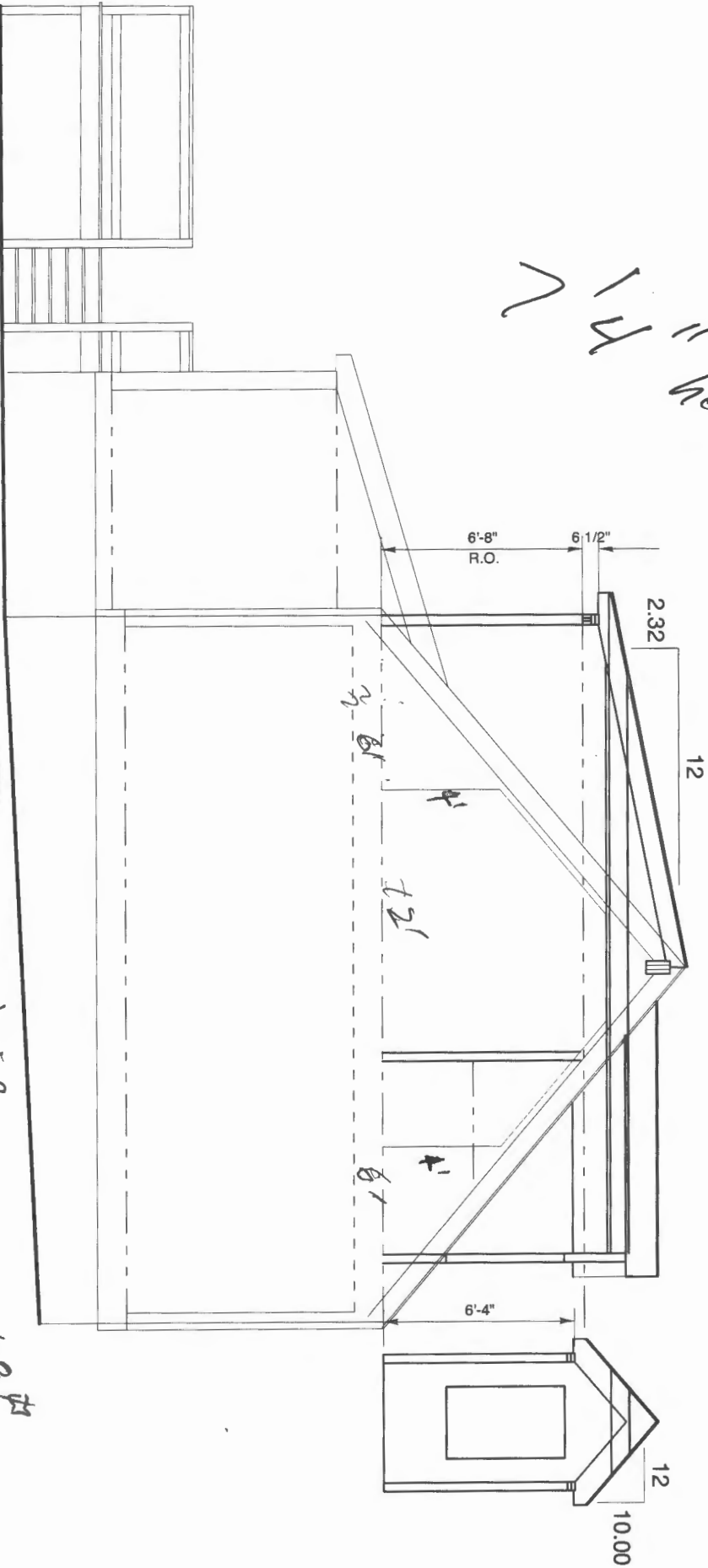
SEE PLAN FOR DETAILS & RAILING INFO

DECK JOISTS W/LUS2BZ HGRS-TYP (PROVIDE (1) JOIST EA SIDE OF BRACE)

SIMPSON 22GA STRAP x 1'-0" LONG W/8d NAILS EA JOIST W/2 MAX FINISH

CONT P.T. (2)2x8 W/MAINE DECK BRACKET @ END OF EACH

14" headroom

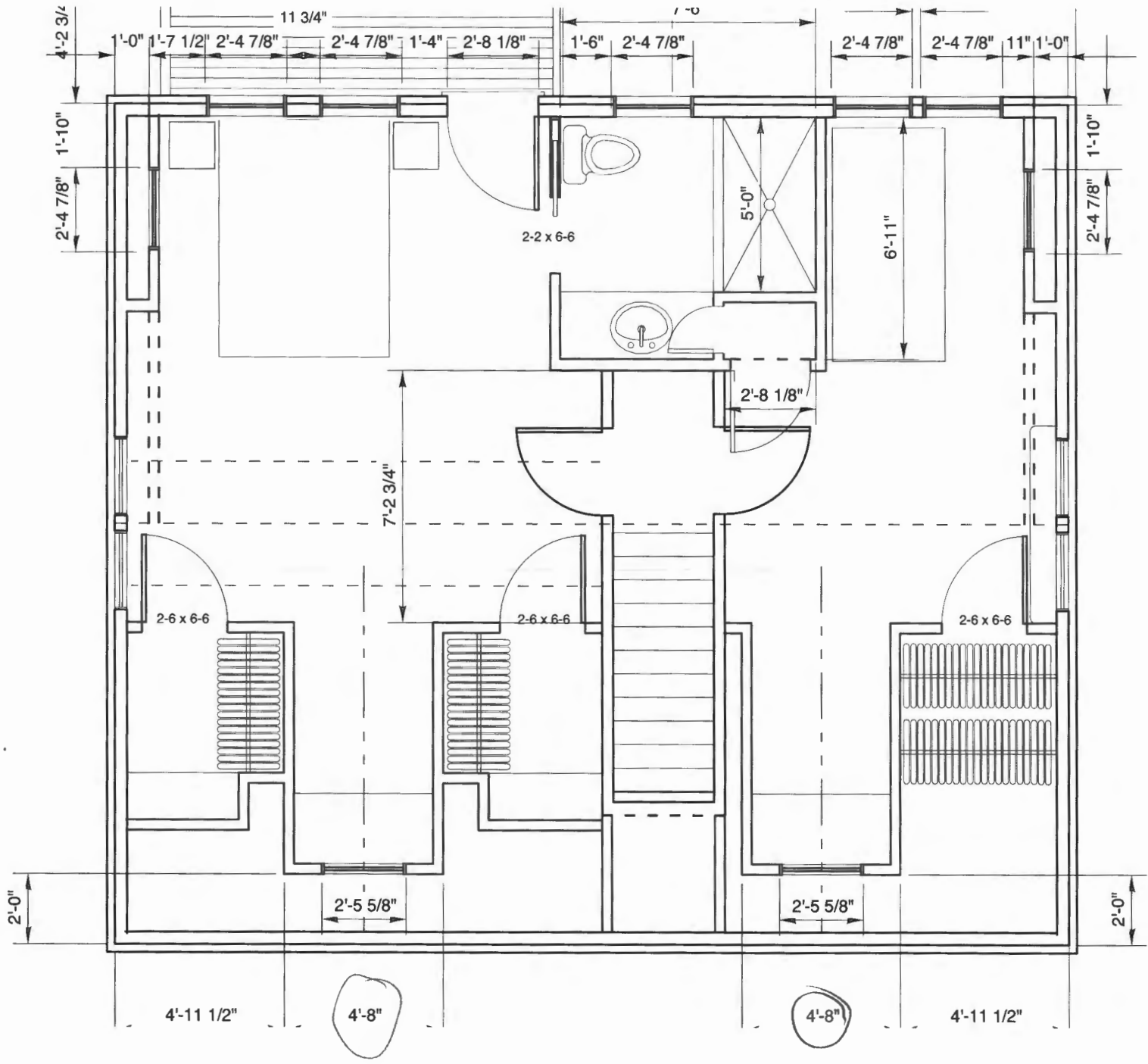


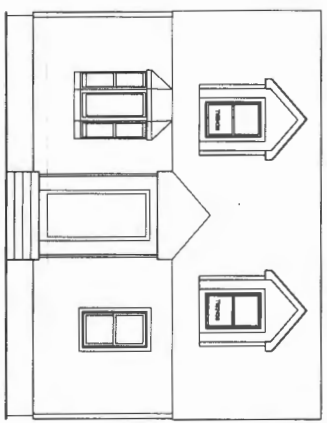
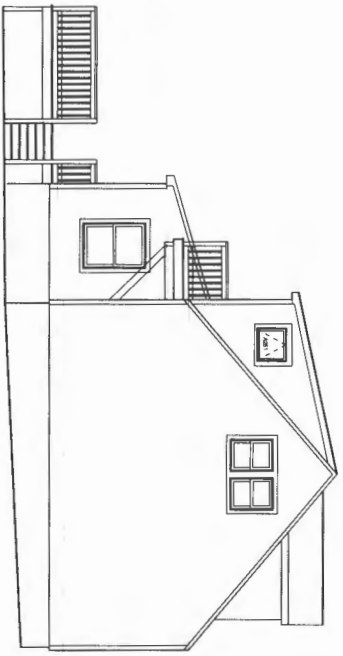
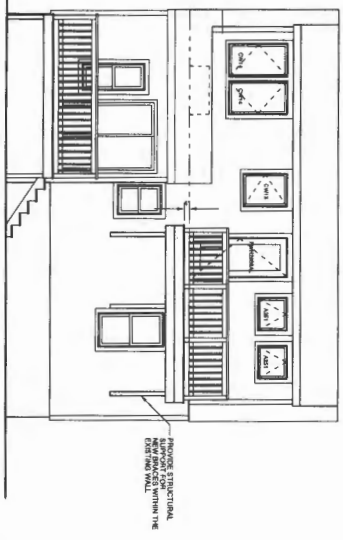
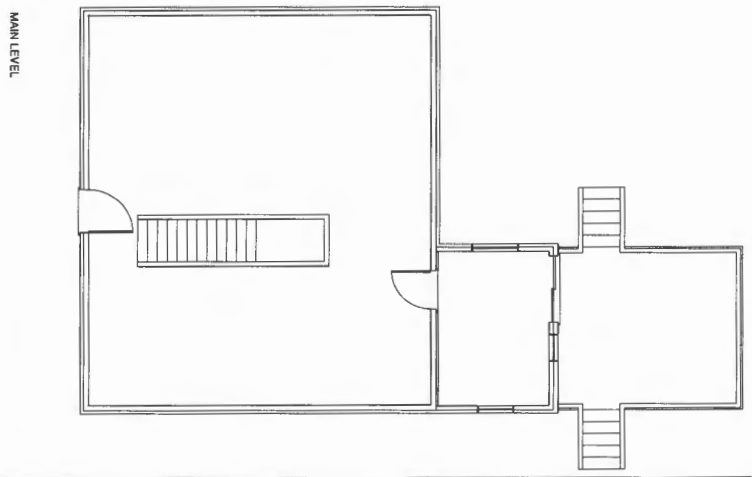
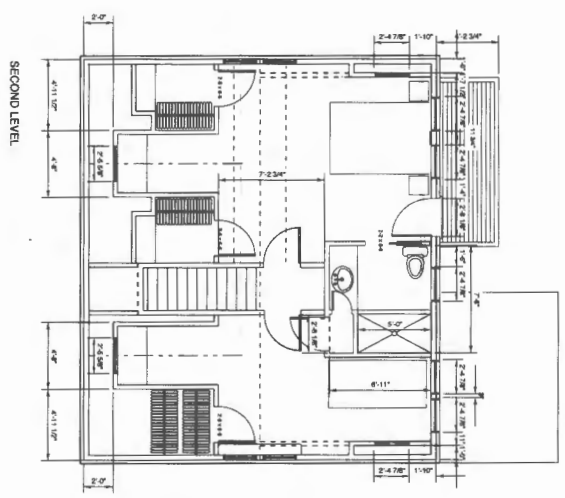
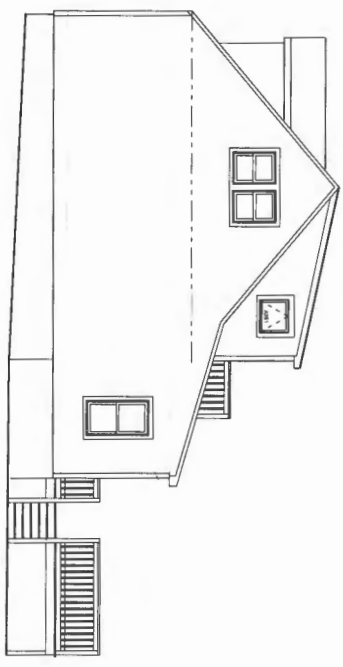
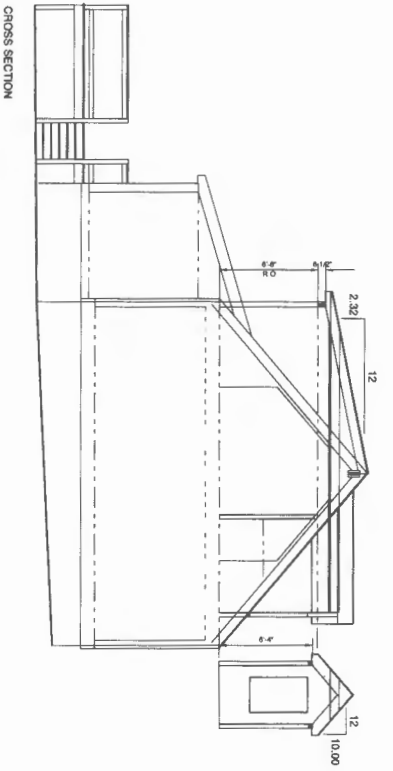
$24 \times 28 = 672 \text{ sq ft} \times 80\% = 537.6 \text{ sq ft}$
 horse just dry
 205.36 ÷ 672 = 31% used
 OK
 $6 \times 28 \text{ New Floor Area} = 168 \text{ sq ft}$
 $(4.67) 2 \times 4 = 37.36 \text{ sq ft}$
 $9.34 \times 4 = 37.36 \text{ sq ft}$
 205.36 sq ft

1/2" = 2 3/4"

201

201





REMOVE STRUCTURAL
MEMBERS TO PERMIT THE
EXISTING WALL

**SHEPDD
RESIDENCE**
55 Aldenoth Street
Portland, Maine

SCALE: 1/4" = 1'-0"
DRAWN BY: RBH
DATE: 5/8/12

PROPOSED PLAN
ALTERATIONS
A101c

By Design



PORTLAND MAINE

Strengthening a Remarkable City, Building a Community for Life • www.portlandmaine.gov

Receipts Details:

Tender Information: Check , BusinessName: Visa, Check Number: 761

Tender Amount: 370.00

Receipt Header:

Cashier Id: gguertin

Receipt Date: 5/15/2012

Receipt Number: 43934

Receipt Details:

Referance ID:	6511	Fee Type:	BP-Constr
Receipt Number:	0	Payment Date:	
Transaction Amount:	370.00	Charge Amount:	370.00
Job ID: Job ID: 2012-05-3998-ALTR - adding full dormer on the rear of house			
Additional Comments: Tom Williams			

Thank You for your Payment!

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- STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS. CONSULT THESE DRAWINGS FOR LOCATIONS AND DIMENSIONS OF OPENINGS, CHASES, RISERS, REGLETS, SLEEVES, DEPRESSIONS, AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS.
- ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
- THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE ONLY AFTER THE STRUCTURAL WORK CONTAINED IN THE STRUCTURAL DRAWINGS IS COMPLETED. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, BUTTS OR TIEDOWNS, SUCH MATERIAL SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER COMPLETION OF THE PROJECT.
- SECTIONS AND DETAILS SHOWN ON ANY STRUCTURAL DRAWINGS SHALL BE CONSIDERED TYPICAL FOR SIMILAR CONDITIONS AS DETERMINED BY THE STRUCTURAL ENGINEER.
- ALL APPLICABLE FEDERAL, STATE, AND MUNICIPAL REGULATIONS SHALL BE FOLLOWED, INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA).

DESIGN LOADS

- BUILDING CODE: MAINE UNIFORM BUILDING AND ENERGY CODE, INTERNATIONAL RESIDENTIAL CODE, 2009 EDITION ASCE 7-05 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES.**
- DESIGN FLOOR LIVE LOADS:**
SLEEPING ROOMS: 30 PSF
ALL OTHER AREAS: 40 PSF
- DESIGN ROOF SNOW LOAD:**
GROUND SNOW LOAD (Ps): 60 PSF
SNOW EXPOSURE FACTOR (Ce): 1.0
SNOW LOAD IMPORTANCE FACTOR (I_s): 1.0
SNOW LOAD THERMAL FACTOR (C_t): 1.1
FLAT ROOF SNOW LOAD (P_f): 45 PSF + DRIFT
- DESIGN WIND LOAD:**
BASIC WIND SPEED: 100 MPH
WIND LOAD IMPORTANCE FACTOR (I_w): 1.0
WIND EXPOSURE: C
INTERNAL PRESSURE COEFFICIENT: 0.18
COMPONENTS & CLADDING LOADS PER ASCE 7-05

STRUCTURAL STEEL NOTES

- STRUCTURAL STEEL FABRICATION, ERECTION, AND CONNECTION DESIGN SHALL CONFORM TO AISC "SPECIFICATION FOR THE DESIGN FABRICATION, AND ERECTION OF STRUCTURAL STEEL", LATEST EDITION, AND THE "CODE OF STANDARD PRACTICE", LATEST EDITION.
- STRUCTURAL STEEL: STEEL PLATES, SHAPES, AND BARS, SHALL CONFORM TO ASTM A36 UNLESS NOTED OTHERWISE (UNCL.). STRUCTURAL STEEL SHAPES DESIGNATED ON THE DRAWINGS FOR WIDE-FLANGE SECTIONS: ASTM A992 (ASTM A572 GRADE 50) WITH SPECIAL REQUIREMENTS PER AISC TECHNICAL BULLETIN #3 DATED MARCH, 1997.
- WHERE WELDING IS INDICATED, ALL WELDING SHALL CONFORM TO AWS D1.1-LATEST EDITION. ELECTRODES SHALL CONFORM TO AWS A5.1 E70XX SERIES WITH PROPER ROD TO PRODUCE OPTIMUM WELD (LOW HYDROGEN).
- ALL STEEL SHALL BE FABRICATED AND SHIPPED AS BARE UNPAINTED STEEL, EXCEPT STEEL PERMANENTLY EXPOSED TO WEATHER. ALL STEEL EXPOSED TO WEATHER SHALL BE HOT-DIPPED GALVANIZED.
- PROVIDE ALL ANGLES, PLATES, ANCHORS, BOLTS, ETC., SHOWN ON ARCHITECTURAL DRAWINGS.

TIMBER NOTES

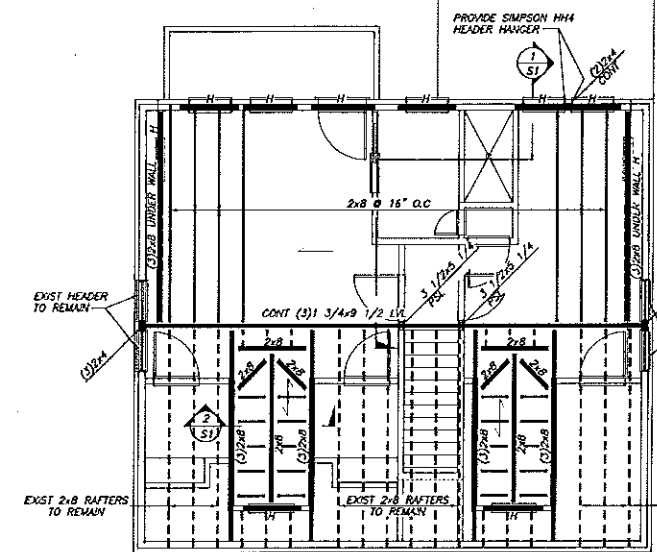
- ALL TIMBER FRAMING SHALL BE IN ACCORDANCE WITH THE AITC TIMBER CONSTRUCTION MANUAL-LATEST EDITION, AND THE AF & PA NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS) 2001 EDITION.
- INDIVIDUAL TIMBER FRAMING MEMBERS SHALL BE VISUALLY GRADED, MINIMUM GRADE NO.1/N2 SPRUCE-PINE-FIR (NOT S.P.F. SOUTH (S)) KILN DRIED TO 19% MAXIMUM MOISTURE CONTENT UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
- ENGINEERED WOOD PRODUCTS SHALL BE AS SPECIFIED ON THE DRAWINGS. REFER TO MANUFACTURER'S LITERATURE FOR PROPER HANDLING AND INSTALLATION GUIDELINES. MANUFACTURER AND PRODUCT SHALL BE:
IBIS-JOIST: 1-JOIST (I/J), PASALLAM (P/L), MICROLAM (M/L), TIMBERSTRAND (L/S), BOOSE.
SIMPSON H2.5A HURRICANE TIE.
- SUBSTITUTIONS OF ENGINEERED WOOD MATERIALS OTHER THAN THOSE SPECIFIED WILL BE PERMITTED ONLY WITH WRITTEN CERTIFICATION FROM THE MANUFACTURER THAT SUBSTITUTED ITEMS "MEETS OR EXCEEDS" ALL PROPERTIES OF SPECIFIED PRODUCT, INCLUDING ENGINEERING AND DURABILITY CHARACTERISTICS. SUBSTITUTIONS ARE SUBJECT TO APPROVAL BY THE ARCHITECT AND ENGINEER.
- PRESSURE TREATED LUMBER SHALL BE USED FOR SILL MEMBERS, EXTERIOR EXPOSURE, OR WHERE SHOWN ON THE DRAWINGS. TIMBER SHALL BE SOUTHERN YELLOW PINE TREATED WITH CCA OR A03 TO 0.4 1/3" IN ACCORDANCE WITH ANPA C-18. A03A IS STRICTLY PROHIBITED.
- ALL ROOF AND WALL SHEATHING SHALL BE APA PERFORMANCE-RATED. PROVIDE 5/8" THICK CD-X ROOF SHEATHING AND 1/2" THICK WALL SHEATHING (UNCL.) SEE SHEATHING SCHEDULE FOR NAILING REQUIREMENTS EXCLUSIVE TO SHEATHINGS. SHEATHING SHALL BE NAILED TO THE FRAMING AS FOLLOWS, UNCL.:
TYPICAL PANEL FASTENING (UNCL.):
ROOFS: 6d NAILS AT 6" O.C. AT SUPPORTED PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS.
WALLS: 6d NAILS AT 6" O.C. AT SUPPORTED PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS.

- FLOOR SHEATHING SHALL BE 3/4" APA RATED TONGUE AND GROOVE PANELS. GLUE AND NAIL TO FLOOR FRAMING WITH 8d RING SHANK NAILS AT 6" O.C. AT SUPPORTED PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS.
- ALL BUILT-UP BEAMS AND COLUMNS SHALL BE NAILED AS FOLLOWS (FASTENING IN EACH PLY):
UNIFORMLY LOADED BEAMS:
BEAM DEPTH <18" - 2 ROWS OF 16d NAILS AT 12" O.C., STAGGERED
BEAM DEPTH >18" - 3 ROWS OF 16d NAILS AT 12" O.C., STAGGERED
NOTE: SIDE LOADED BEAMS REQUIRE ADDITIONAL FASTENING. SEE DETAILS.
- COLUMNS:**
2-10d NAILS AT 6" O.C.

- FASTENING NOT SPECIFIED SHALL CONFORM WITH IRC (2003) TABLE 2304.9.1. NAIL FASTENERS SHALL MEET THE REQUIREMENTS OF ASTM F1667, UNLESS NOTED OTHERWISE. NAILS REFERENCED ON DRAWINGS ARE TO BE COMMON NAILS WITH DIMENSIONS AS FOLLOWS:
6d: 2" LONG BY 0.113" DIAMETER SHANK WITH 0.266" DIAMETER HEAD
8d: 2 3/4" LONG BY 0.131" DIAMETER SHANK WITH 0.281" DIAMETER HEAD
10d: 3" LONG BY 0.148" DIAMETER SHANK WITH 0.312" DIAMETER HEAD
12d: 3 3/4" LONG BY 0.165" DIAMETER SHANK WITH 0.312" DIAMETER HEAD
16d: 4 3/4" LONG BY 0.192" DIAMETER SHANK WITH 0.314" DIAMETER HEAD
20d: 4 7/8" LONG BY 0.207" DIAMETER SHANK WITH 0.438" DIAMETER HEAD
30d: 4 7/8" LONG BY 0.207" DIAMETER SHANK WITH 0.438" DIAMETER HEAD

- ALL TIMBER CONNECTION HARDWARE (JOIST HANGERS, POST BASES, SHEATHING HOLD-DOWNS, ETC) SHALL BE AS INDICATED ON THE DRAWINGS AND MANUFACTURED BY SIMPSON STRONG-TIE. ALL CONNECTION HARDWARE SHALL BE HOT-DIPPED GALVANIZED G-90 (UNCL.). CONNECTION HARDWARE USED IN CONTACT WITH PRESERVATIVE TREATMENT SHALL BE GALVANIZED G185 (ZMAX) USE FASTENERS AND HANGERS OF SAME MATERIAL & COATING. REFER TO MANUFACTURER'S LITERATURE FOR PROPER HANDLING AND INSTALLATION GUIDELINES.

- FASTENERS USED IN CONTACT WITH FT LUMBER SHALL BE HOT DIPPED GALVANIZED (ASTM A153), STAINLESS STEEL, OR OTHER FINISH AS APPROVED BY THE ENGINEER.

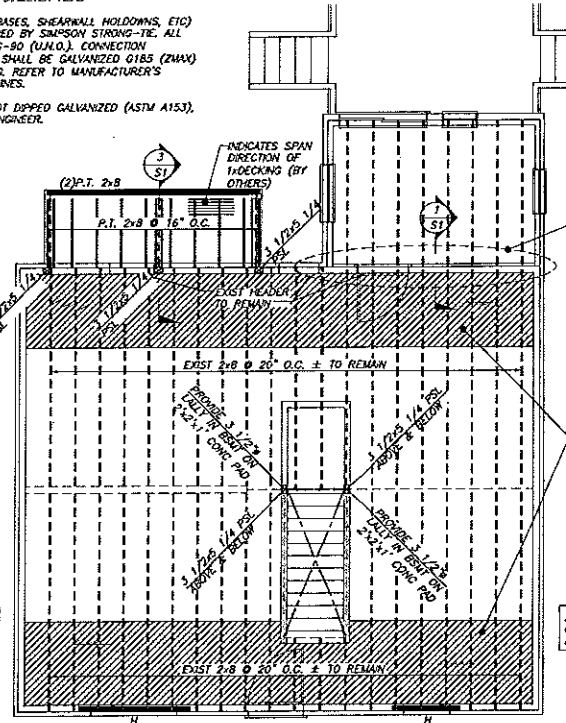
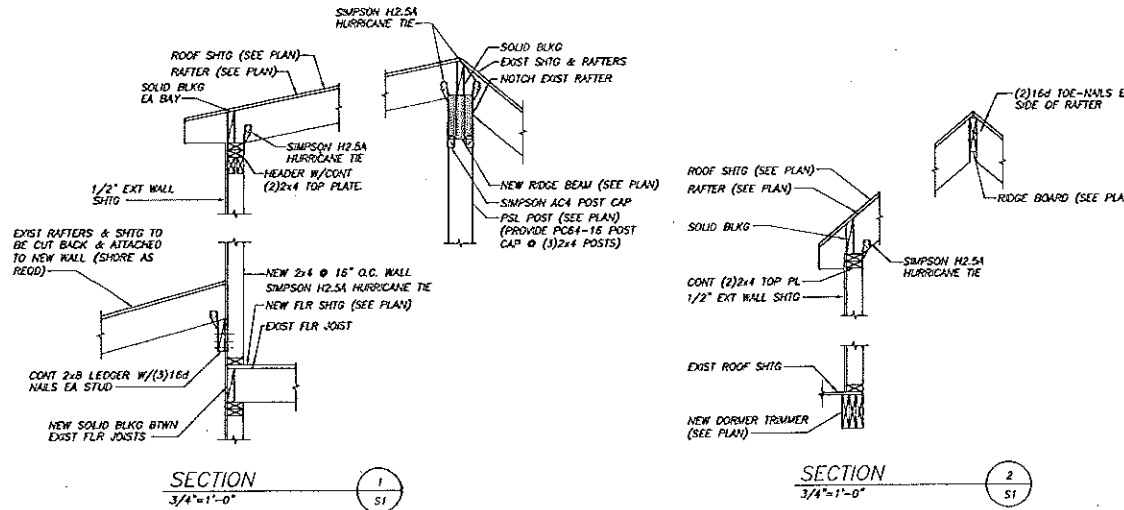


ROOF FRAMING PLAN

1/4"=1'-0"

- INDICATES SPAN DIRECTION OF 5/8" CDX ROOF SHTG.
- H- INDICATES LOCATION OF (2)2x4 HEADER W/(2)2x4 JAMB (1 KING & 1 JACK)

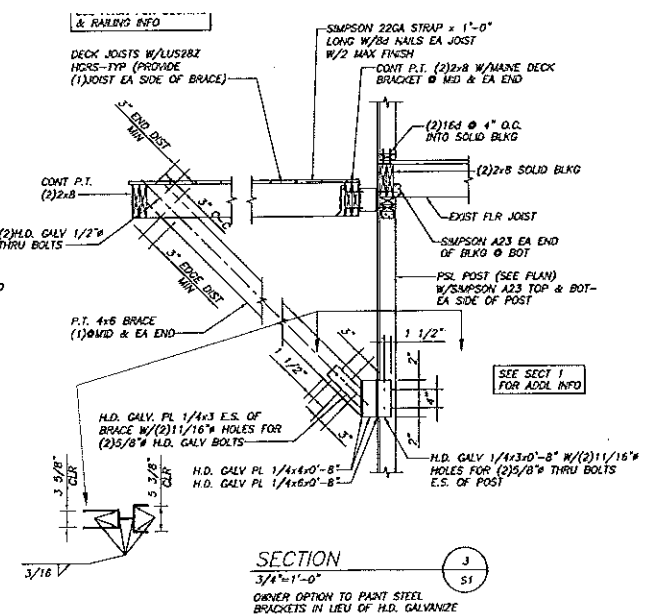
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SECOND FLOOR FRAMING PLAN

1/4"=1'-0"

- INDICATES SPAN DIRECTION OF FLOOR SHEATHING TO MATCH EXISTING IN THICKNESS (5/4" MIN).
- H- INDICATES LOCATION OF (2)2x8 HEADER W/(2)2x4 JAMB (1 KING & 1 JACK)



SECTION 3

3/4"=1'-0"

OWNER OPTION TO PAINT STEEL BRACKETS IN LIEU OF H.D. GALVANIZE

BECKER
ENGINEERING CONSULTANTS, INC.
7570 SW 15th Avenue, Portland, ME 04106
207.875.1888 • beckereng.com

MAINE
REGISTERED PROFESSIONAL ENGINEER
NO. 6432
MAY 1981

Project No.	
Drawn by	
Checked by	
Date	
No.	

55 ALDWORTH STREET, PORTLAND, ME
NOTES, PLANS & SECTIONS

Designed	SM	Scale	AS NOTED
Drawn	SM	Date	5/11/2012
Checked	NSM	Drawn Job Number	2820

S1

THIS IS NOT A BOUNDARY SURVEY

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MORTGAGE INSPECTION OF: DEED BOOK 25920 PAGE 347 COUNTY Cumberland
 PLAN BOOK 12 PAGE 6 LOT 63-65, 100-102

ADDRESS: 55 Aldworth Street, Portland, Maine

Job Number: 745-36

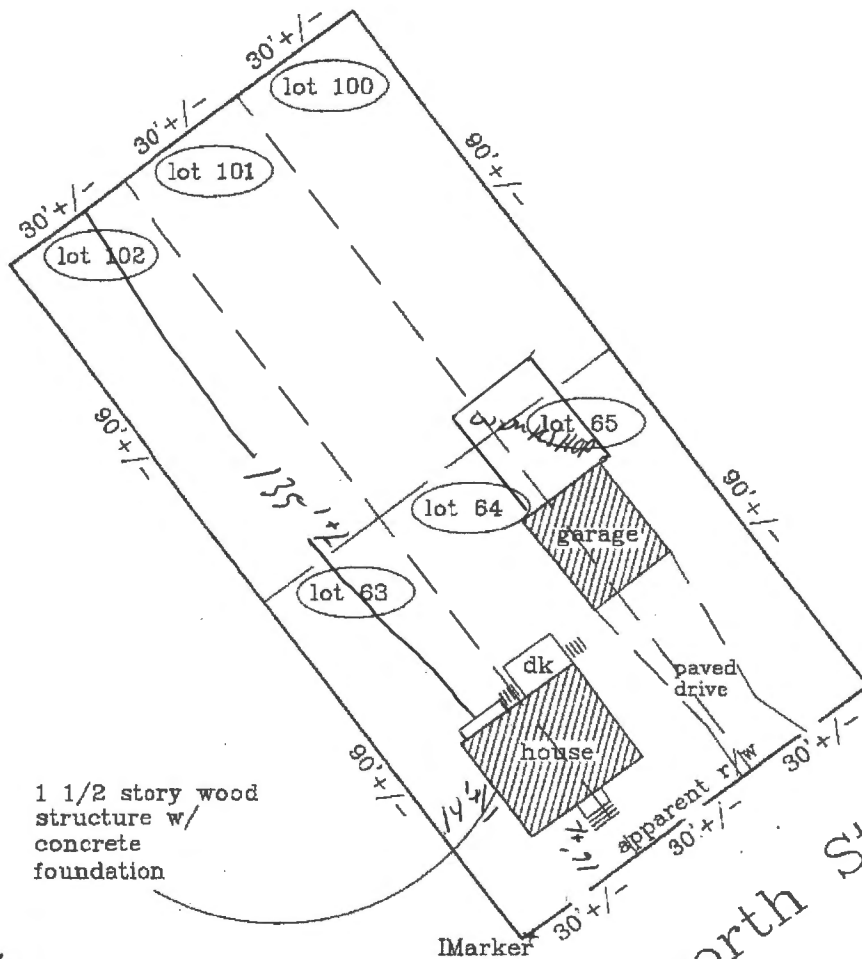
Inspection Date: 4-11-12

Scale: 1" = 40'

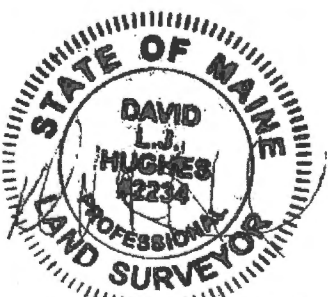
Client File #: 0212-00322

Owner: David Shedd

~ 16,000 sq ft land area



1 1/2 story wood structure w/ concrete foundation



I HEREBY CERTIFY TO: Market Street Settlement Group, LLC;
David Shedd and the title insurer.

- Monuments found did not conflict with the deed description.
- The dwelling setbacks do not violate town zoning requirements.
- As delineated on the Federal Emergency Management Agency Community Panel 230651-0006 C :
- The structure does not fall within the special flood hazard zone.
- The land does not fall within the special flood hazard zone.
- A wetlands study has not been performed.

* CIR
 APPARENT EASEMENTS AND RIGHTS OF WAY ARE SHOWN. OTHER ENCUMBRANCES, RECORDED OR NOT, MAY EXIST. THIS SKETCH WILL NOT REVEAL ABUTTING DEED CONFLICTS, IF ANY.

Livingston-Hughes
 Professional Land Surveyors
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 Kennebunkport, Maine 04046
 207-967-9761 phone 207-967-4831 fax
 www.livingstonhughes.com

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