

032 Mighty Oak Bungalow



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*Welcome Home Soon - Mom & Dad
from Jack, Sarah & Michael*

Dear Code Officer,

These are predesigned home plans, designed to meet the requirements of following IRC 2006 code sections:

- 1 - Room sizes (Section R304)
- 2 - Ceiling Height (Section R305)
- 3 - Floor space & ceiling height at Toilet, Bath and Shower Spaces (Section R307)
- 4 - Hallway widths (Section R311.3)
- 5 - Door types & sizes (Section R311.4.2)
- 6 - Floor space in front of doors (Section R311.4.3)
- 7 - Stair width - The stairs in our designs will be a minimum of 36" wide measured wall surface, allowing compliance with R311.5.1 with installation of correct handrail.
- 8 - Stairway headroom (Section R311.5.2)
- 9 - Stair treads and risers (Section R311.5.3)
- 10 - Landings for stairways (Section R311.5.4)
- 11 - Emergency Escape Window Sizes (Section R310.1.1, R310.1.2 and R310.1.4). Casement windows may require manufacturer's emergency escape window hardware.
- 12 - Structural Floor Framing (Section R502.3) Where dimensional lumber is shown, framing members will be sized according to this section of the code. Where engineered wood products are shown, those framing members will be size according to the manufacturer's tables for loads and spans, or sizes will have been calculating using manufacturer's published materials properties.
- 13 - Roof Framing has been designed for 50 psf ground snow load, unless noted otherwise on the structural sheets.
- 14 - See structural sheets for additional notes.

Where a construction address is shown on the drawings, it is for copyright control only. We have not inspected the site. Homeowner and/or Builder shall be responsible for thermal and moisture control strategies, materials choices and compliance with applicable laws and ordinances. Thermal and moisture details shown here reflect their choices.

Please feel free to call 603-431-9559 with any questions or to request additional documentation.

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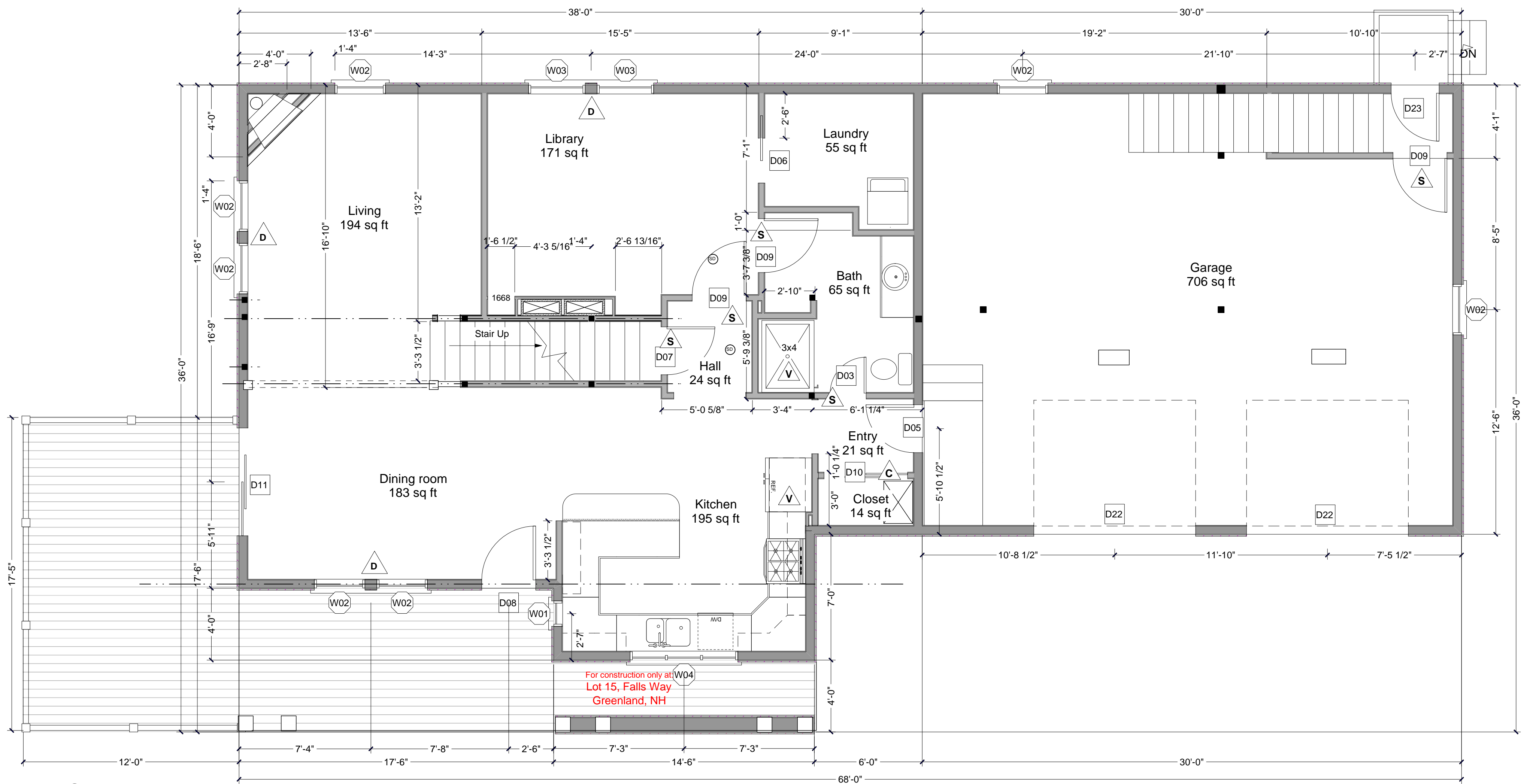
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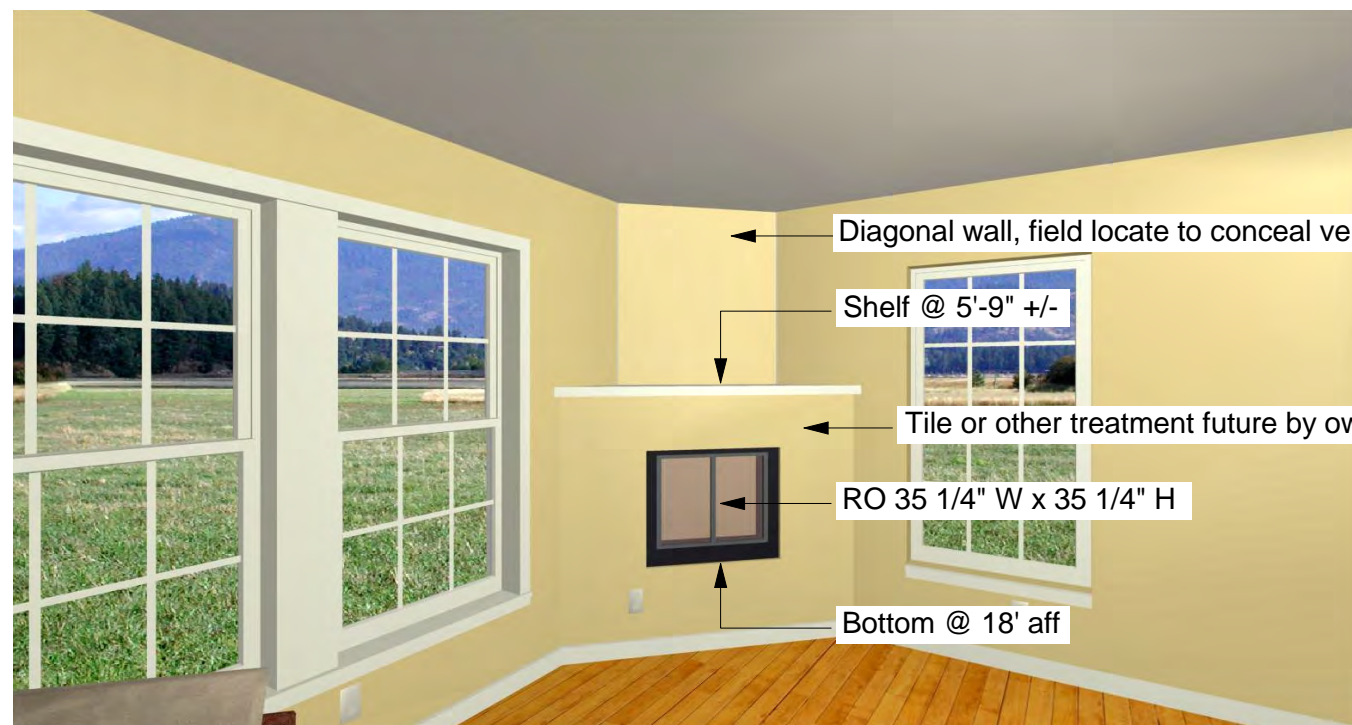
032 Mighty Oak
Bungalow

1/4/2009

1/4" = 1'-0" unless noted otherwise



FIRST FLOOR PLAN



GAS FIREPLACE

Wall Keys

- ③ 2x3 wood stud wall
- ② 2x wood studs on the flat
- ⑥ 2x6 wood stud wall

Additional Key Notes

- A 30" x 22" Minimum Attic Access Panel - Insulated
- T Tempered Glass
- 84 Window Head Ht
- SD Smoke Detector

Square Footages

- Sq ft numbers are interior to room for use in calculating finishes.
- Cabinets and fixtures not subtracted.
- Add for doorways when floor finishes run through.

Dimensions

Dimensions are to face of stud, unless noted otherwise. Closets are 24" clear inside, unless dimensioned otherwise.

- S Snug - Place door or window so that trim will be snug to perpendicular wall
- C Center - Place door or window centered on wall

Notes

- 1 - Exterior walls 2x6 wood stud @ 16" oc. Provide insulation & vapor barrier conforming to state or local codes. Interior sheathing 1/2" gypsum board. Provide 1/2" exterior rated sheathing, house wrap with drainage plane and siding. Provide step flashing at walls adjacent to roof planes.
- 2 - Interior walls 2x4 wood stud @ 16" oc, unless noted otherwise.
- 3 - Roof - see structural for rafter sizes. Rafters sized for 50 # ground snow load. Provide 5/8" exterior rated roof sheathing, 15# roofing felt, ice & water shield at eaves and valleys, aluminum drip edge and asphalt shingles or metal roofing. Structure not calculated to support slate or tile. Flash all penetrations. Provide cricket at any added chimneys.

- V Verify millwork or fixture and adjust wall locations as required to accommodate
- F Field locate walls - may require adjustment for fixtures, plumbing or mechanical
- D Double stud pocket between openings (approx 3" trim - factory mulled sub ok)

- 4 - Provide roof and/or ceiling insulation per code. Provide soffit and ridge vents where required for insulation strategy. (Verify with code officer - closed cell spray foam or dense-pack cellulose installed at rafters and filling ridge and eaves generally contra-indicates venting, batt insulation generally does require venting).

- 5 - Provide interconnected Smoke Detectors where shown on plan and at any other locations required by local code and/or by governing authorities.

- 6 - Provide fire resistive materials where required by code, including but not limited to, firestopping at penetrations, 1/2" drywall on walls and ceilings to separate garage (where garage present in design) from dwelling, and separation of dwellings (where more than one dwelling present in design), and protection of flammable insulation materials.

- 7 - Confirm bottom of window opening relative to frame. Adjust head heights as required to conform to IRC 2006 R613.2, or provide code approved guards.

- 8 - Compliance with code requirements for rooms size and clearances, (hallway widths, room sizes, etc) assume 1/2" drywall on walls and 1/2" drywall on 3/4" strapping on ceilings. Adjust as required if materials differ.

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2 - Interior walls 2x4 wood stud @ 16" oc, unless noted otherwise.

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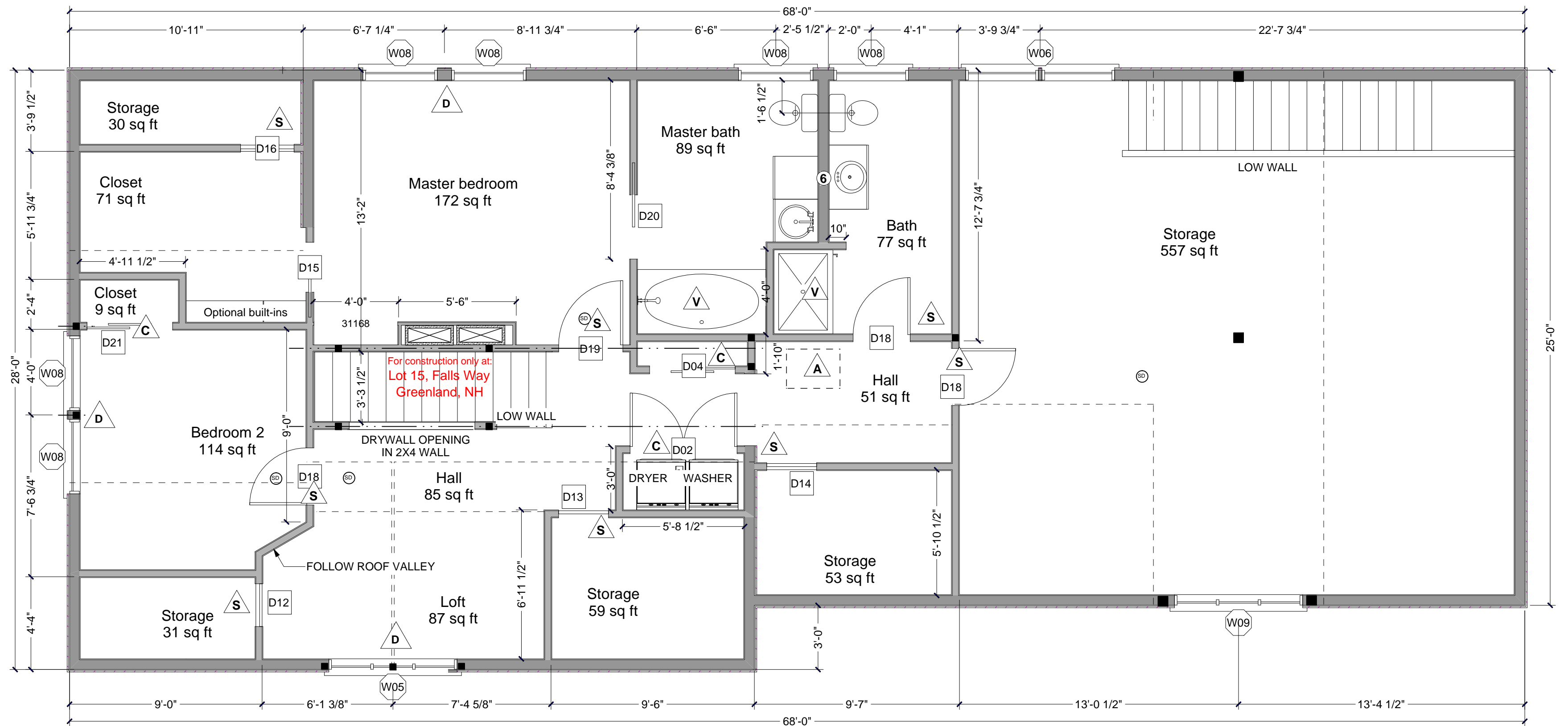
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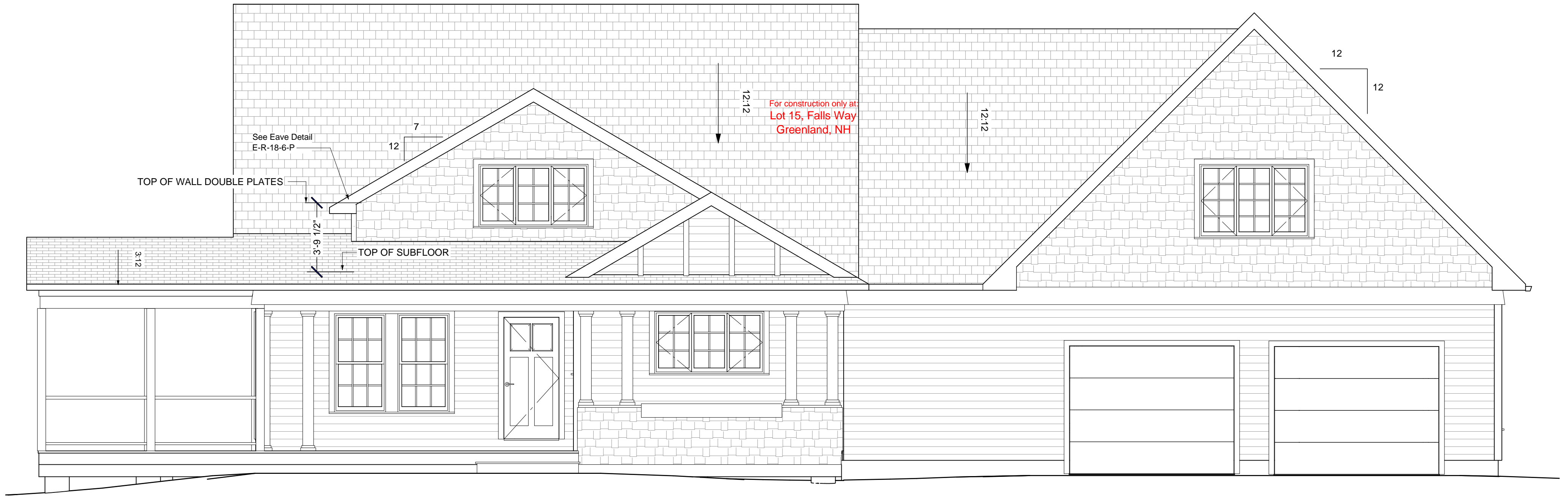
SECOND FLOOR PLAN

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FRONT ELEVATION



LEFT ELEVATION

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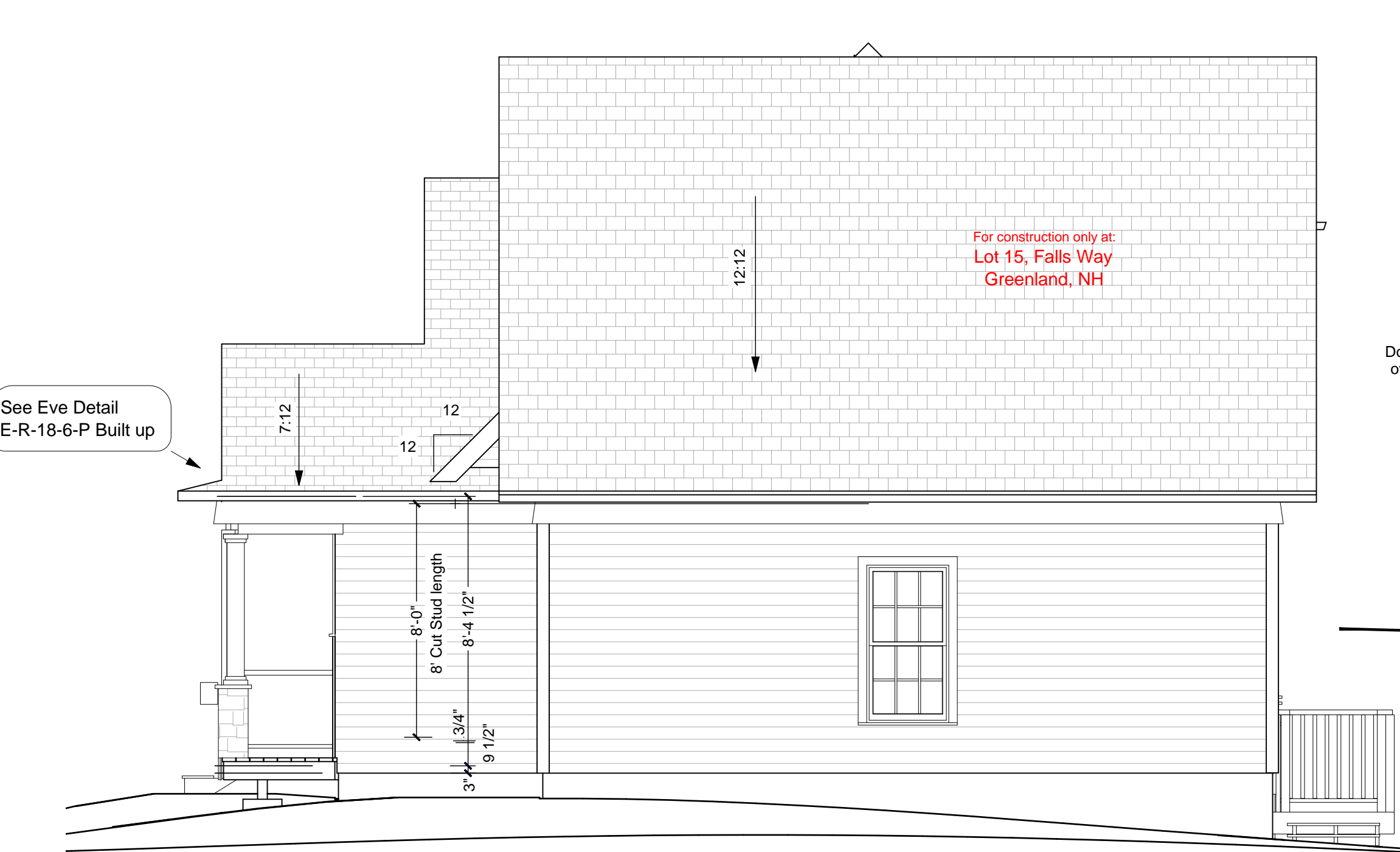
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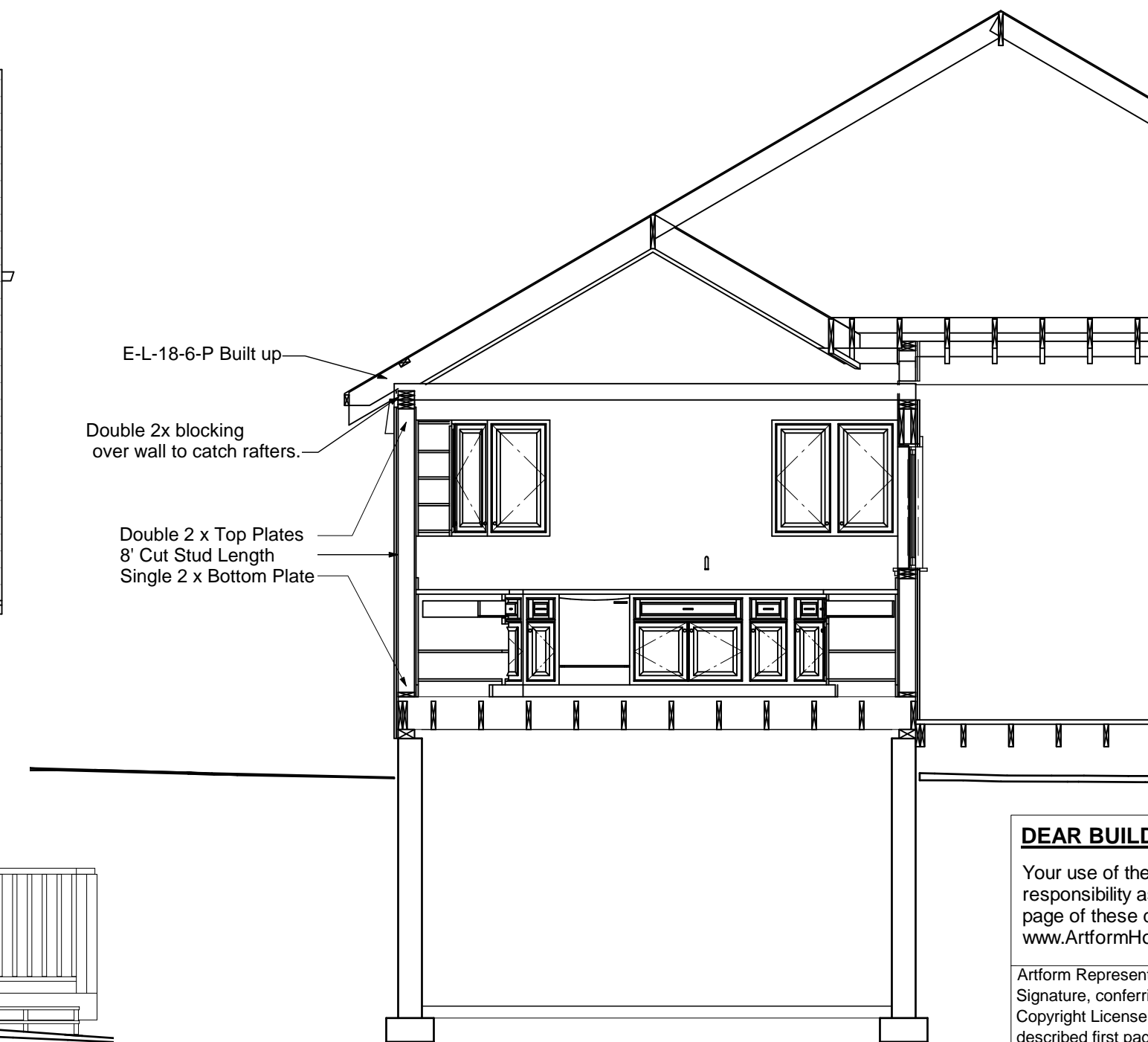
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REAR ELEVATION



RIGHT ELEVATION




SECTION Kitchen
(View,inside,back to front)

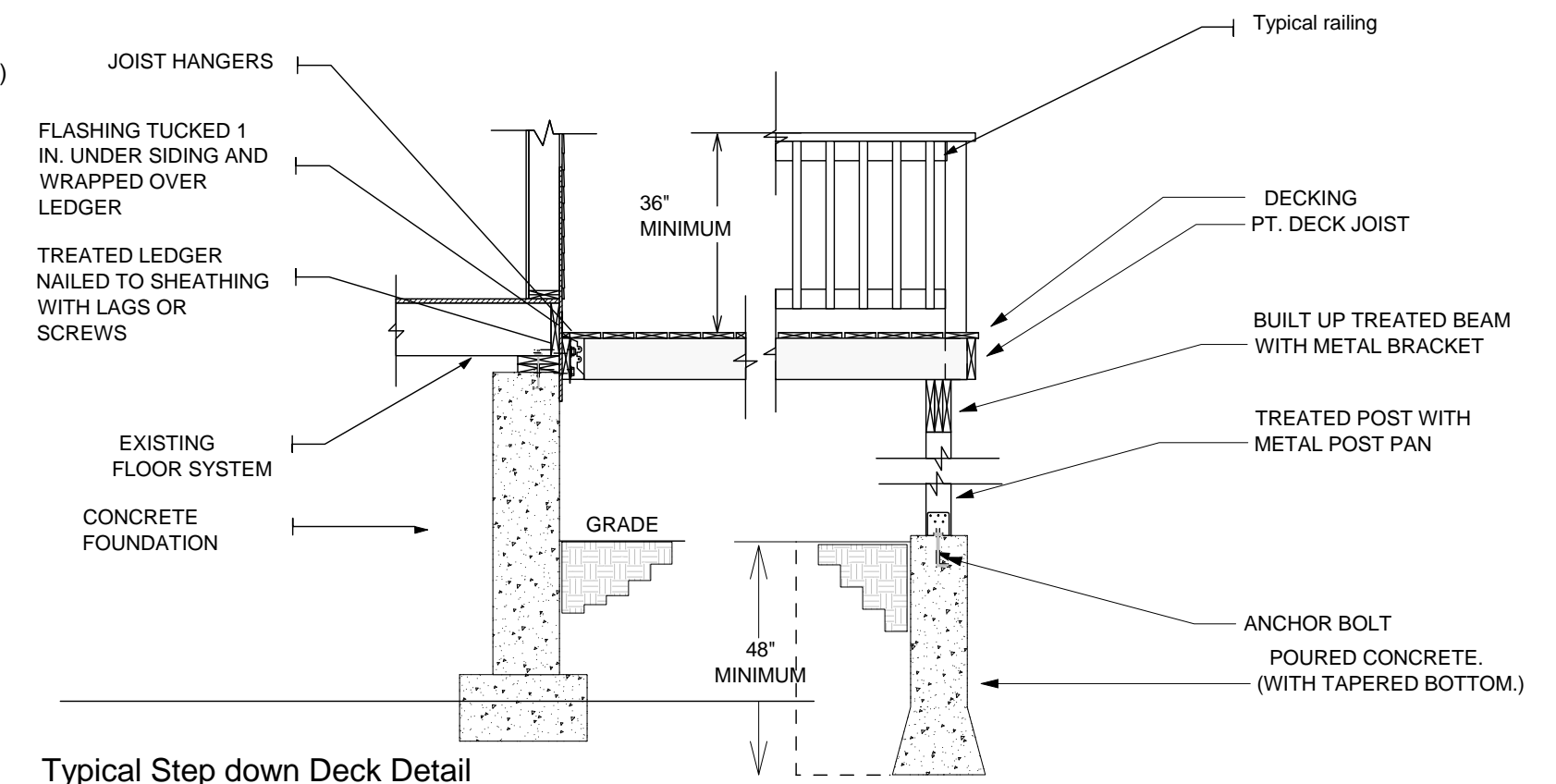
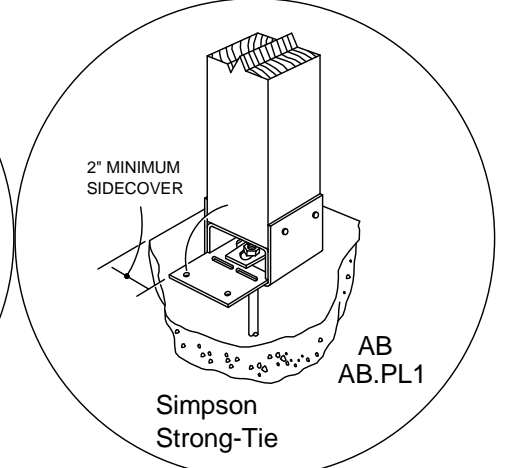
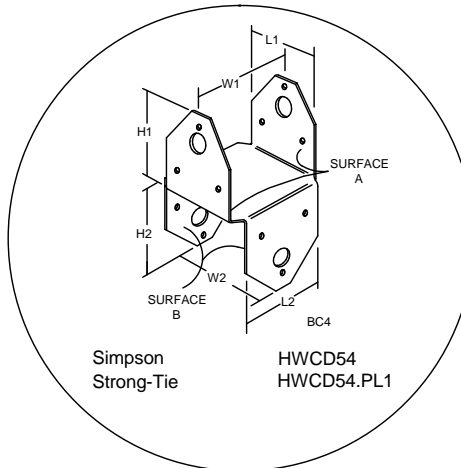
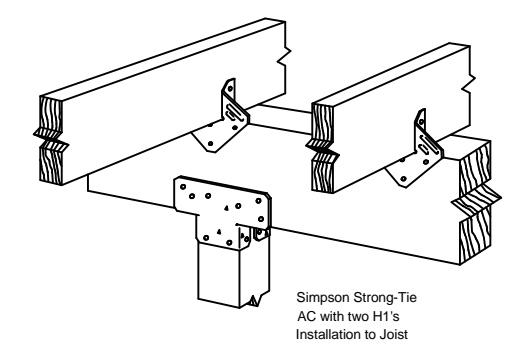
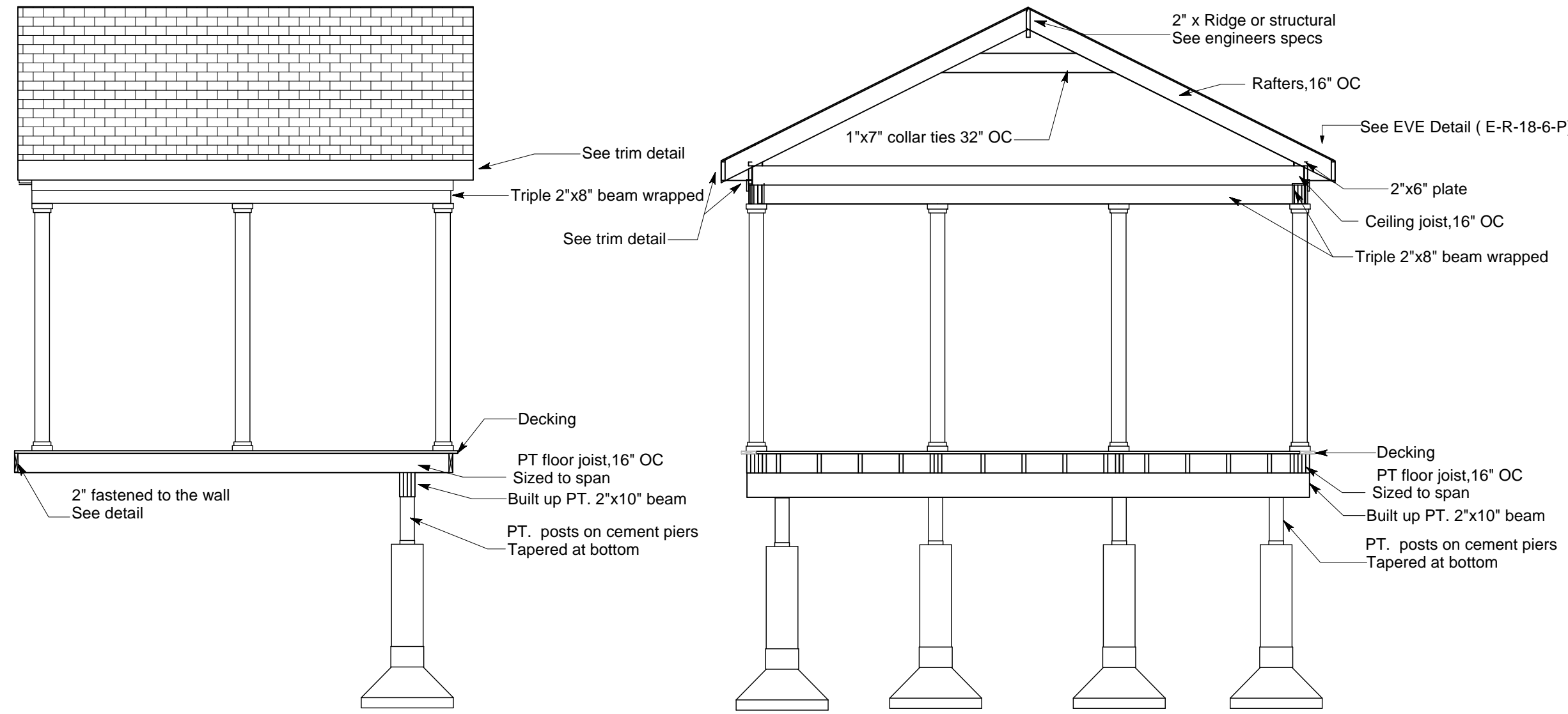
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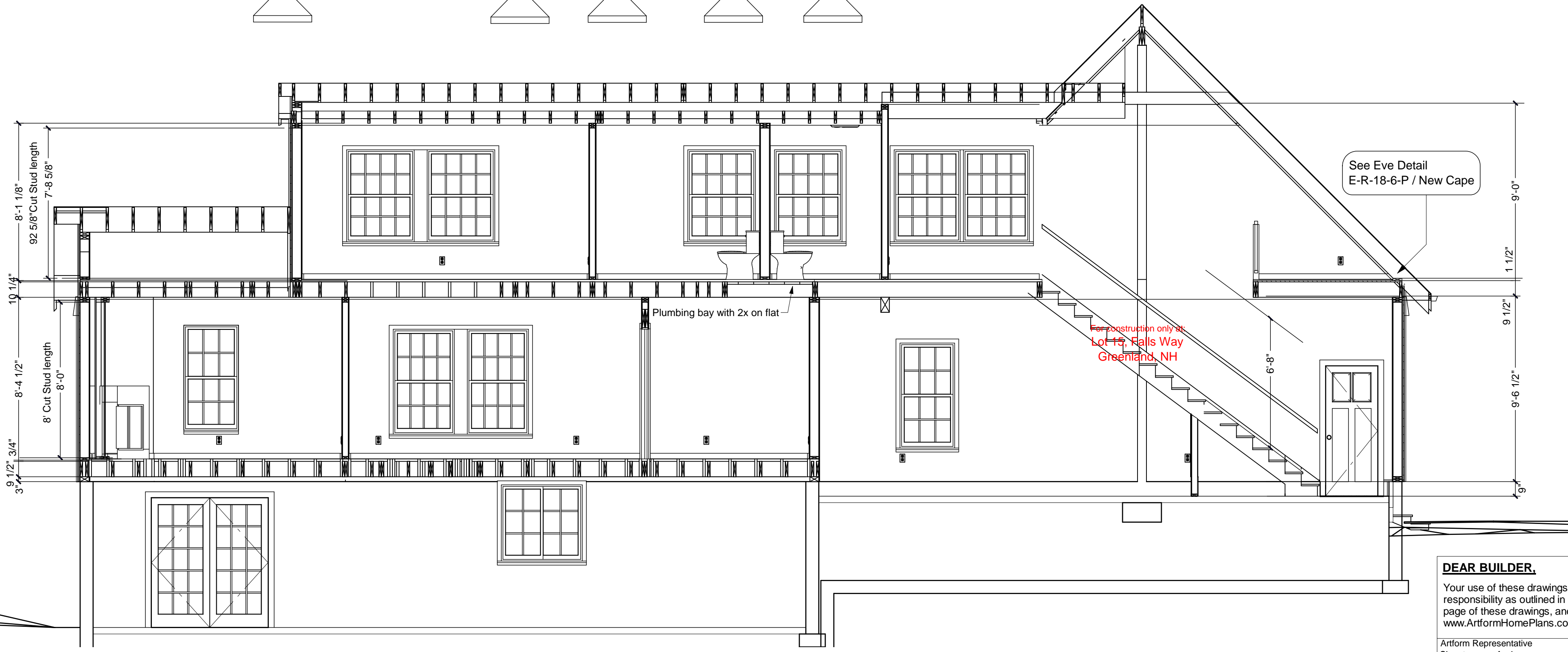
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032 Mighty Oak
Bungalow




Typical Step down Deck Detail Attached to Wood Wall



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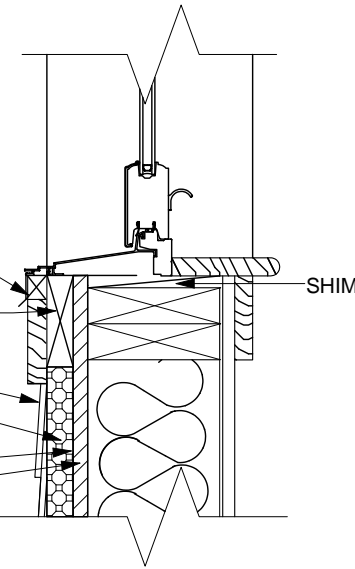
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 Greenland, NH 032 Mighty Oak
 Bungalow

1/4/2009 1/4" = 1'-0" unless noted otherwise **6**

WINDOW FLASHING: FOLLOW WINDOW MANUFACTURER'S INSTRUCTIONS FOR WINDOW INSTALLATION FOR WIND LOAD AT THIS PROJECT

SOLID BLOCKING (OPTIONAL, SEE SPECS)
SIDING
EXTERIOR INSULATION IF SPECIFIED
HOUSEWRAP WITH DRAINAGE PLANE
1/2" EXTERIOR SHEATHING



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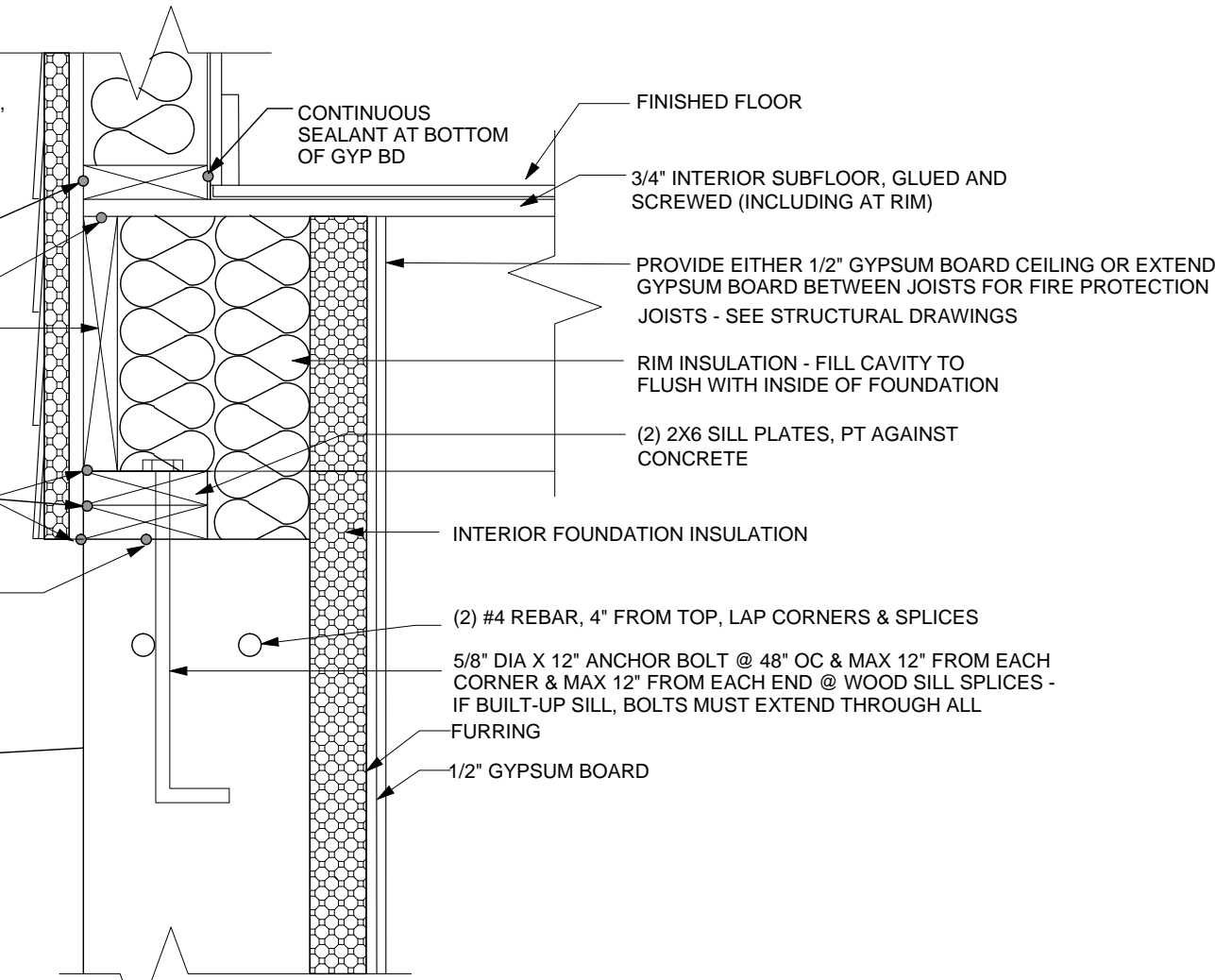
NOTE: WHERE ENGINEERED JOISTS ARE USED, USE MANUFACTURER RECOMMENDED RIM PRODUCT, BRIDGING AND BLOCKING @ MANUFACTURER RECOMMENDED SPACING

SEALANT
ADHESIVE
RIM

NOT SHOWN: PROVIDE TERMITE SHIELD WHERE APPROPRIATE TO THE CLIMATE AND/OR SPECIFIC SITE

SEALANT
SILL SEALER

GRADE - MIN 9" FOUNDATION EXPOSURE, SLOPE



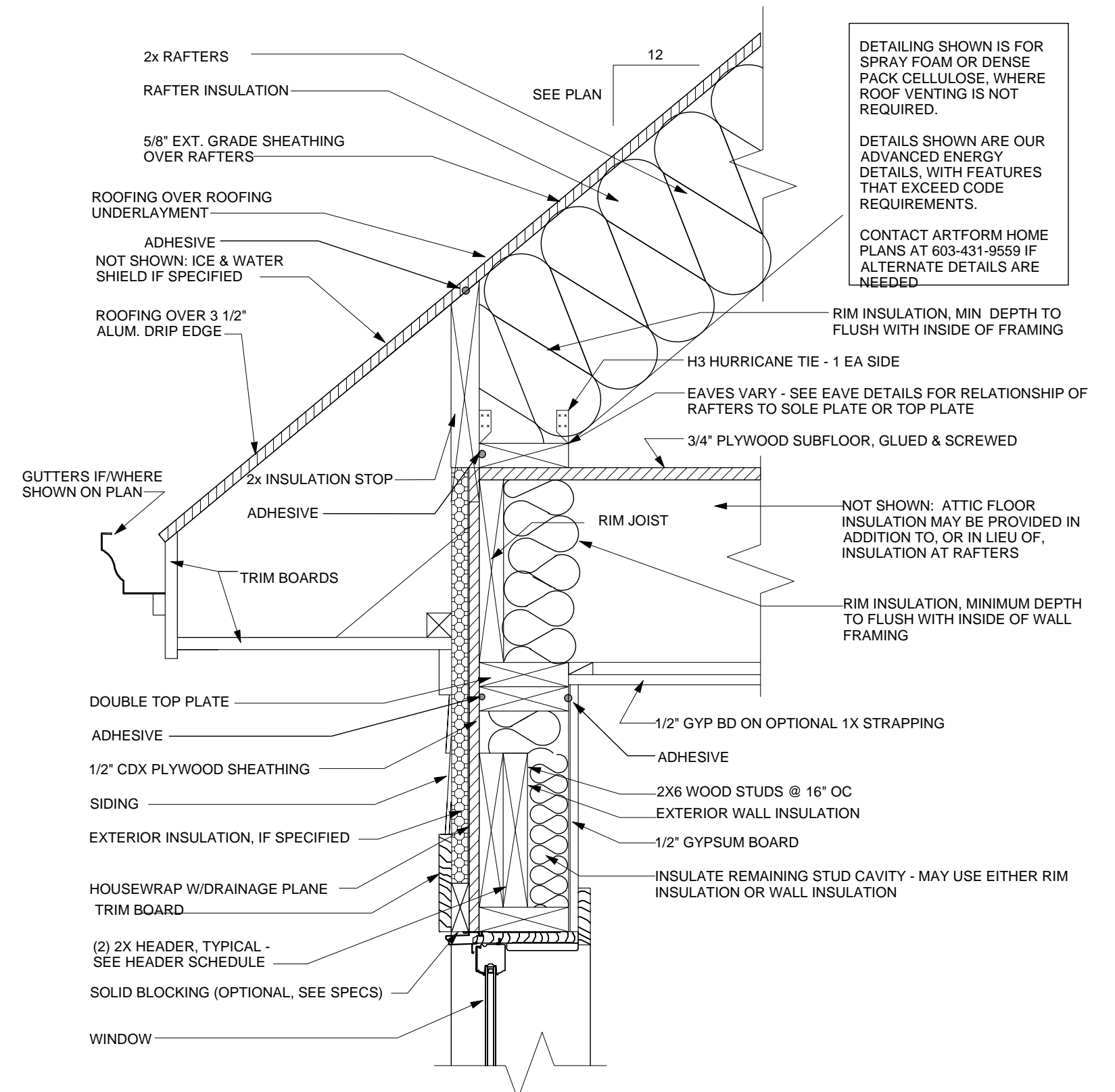
FOUNDATION COATING
POURED CONCRETE WALL
2X4 SHEAR KEY, WITH WATER STOP

(2) #4 REBAR, MIN 3" FROM BOTTOM
1 1/2" EPS RIGID BOARD INSULATION
FURRING
1/2" GYPSUM BOARD
1/2" COMPRESSIBLE FILLER
4" CONCRETE SLAB
FINISHED FLOOR
6 MIL POLYETHYLENE VAPOR BARRIER
UNDER-SLAB INSULATION
MIN 6" COMPACTED CRUSHED STONE, NO FINES
WELDED WIRE FABRIC

ABRIC
GRAVEL (NO
INUOUS PVC
ER DRAIN

(3) #4 REBAR, MIN 3" FROM BOTTOMS
CONCRETE FOOTING - SEE PLAN FOR SIZE
UNDISTURBED SOIL, CONFIRM BEARING, SEE STRUCTURAL NOTES

THERMAL & MOISTURE SECTION
SCALE: 1 1/2" = 1'-0"



2x RAFTERS
RAFTER INSULATION
5/8" EXT. GRADE SHEATHING OVER RAFTERS
ROOFING OVER ROOFING UNDERLAYMENT
ADHESIVE
NOT SHOWN: ICE & WATER SHIELD IF SPECIFIED
ROOFING OVER 3 1/2" ALUM. DRIP EDGE

DETAILING SHOWN IS FOR SPRAY FOAM OR DENSE PACK CELLULOSE, WHERE ROOF VENTING IS NOT REQUIRED.
DETAILS SHOWN ARE OUR ADVANCED ENERGY DETAILS, WITH FEATURES THAT EXCEED CODE REQUIREMENTS.
CONTACT ARTFORM HOME PLANS AT 603-431-9559 IF ALTERNATE DETAILS ARE NEEDED

RIM INSULATION, MIN. DEPTH TO FLUSH WITH INSIDE OF FRAMING
H3 HURRICANE TIE - 1 EA SIDE
EAVES VARY - SEE EAVE DETAILS FOR RELATIONSHIP OF RAFTERS TO SOLE PLATE OR TOP PLATE

3/4" PLYWOOD SUBFLOOR, GLUED & SCREWED

NOT SHOWN: ATTIC FLOOR INSULATION MAY BE PROVIDED IN ADDITION TO, OR IN LIEU OF, INSULATION AT RAFTERS

RIM INSULATION, MINIMUM DEPTH TO FLUSH WITH INSIDE OF WALL FRAMING

GUTTERS IF/WHERE SHOWN ON PLAN
2x INSULATION STOP
ADHESIVE
TRIM BOARDS

DOUBLE TOP PLATE
ADHESIVE
1/2" CDX PLYWOOD SHEATHING
SIDING
EXTERIOR INSULATION, IF SPECIFIED
HOUSEWRAP W/DRAINAGE PLANE
TRIM BOARD
(2) 2X HEADER, TYPICAL - SEE HEADER SCHEDULE
SOLID BLOCKING (OPTIONAL, SEE SPECS)
WINDOW


1/2" GYP BD ON OPTIONAL 1X STRAPPING
ADHESIVE
2X6 WOOD STUDS @ 16" OC
EXTERIOR WALL INSULATION
1/2" GYPSUM BOARD
INSULATE REMAINING STUD CAVITY - MAY USE EITHER RIM INSULATION OR WALL INSULATION

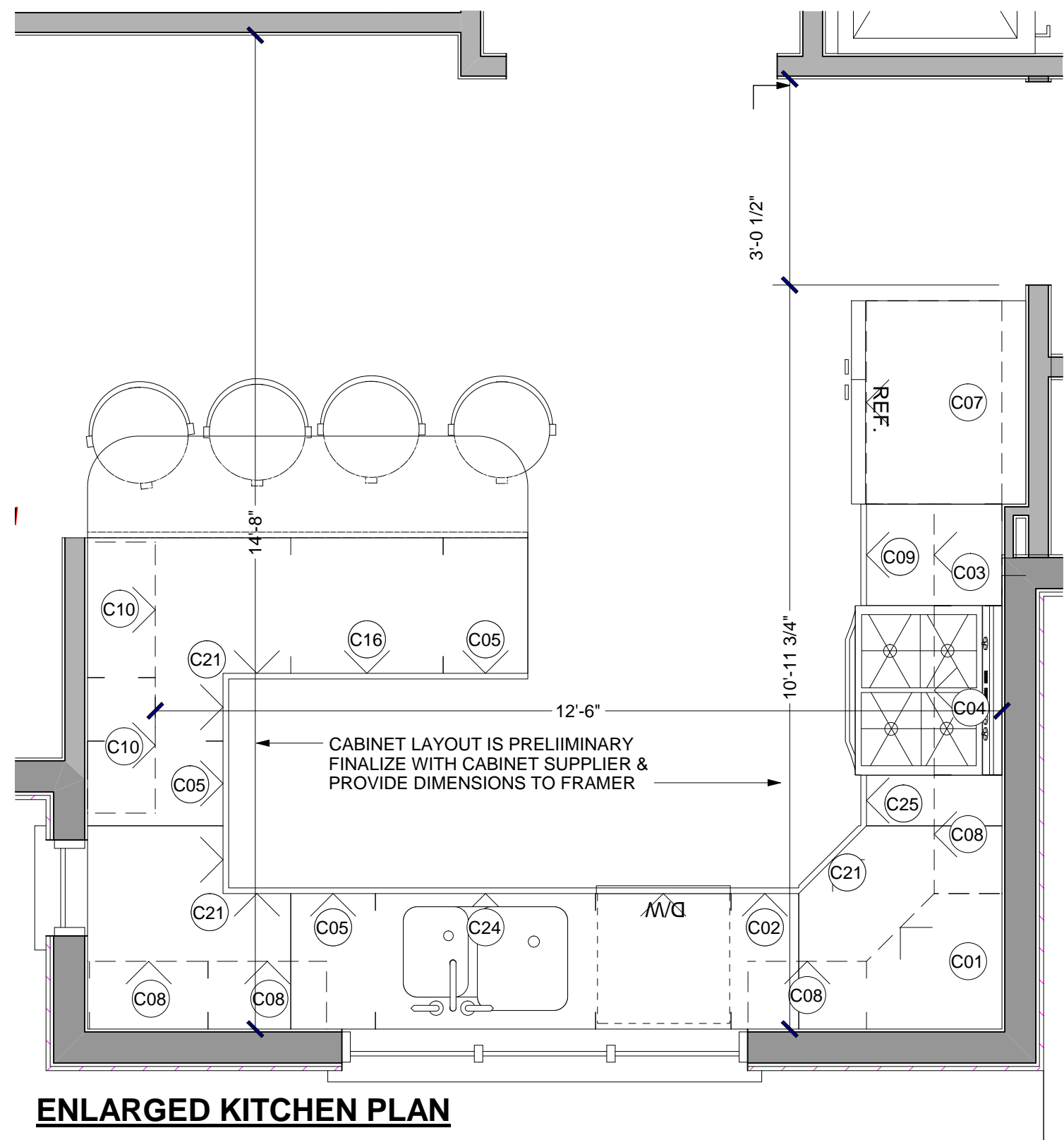
THERMAL & MOISTURE SECTION
SCALE: 1 1/2" = 1'-0"

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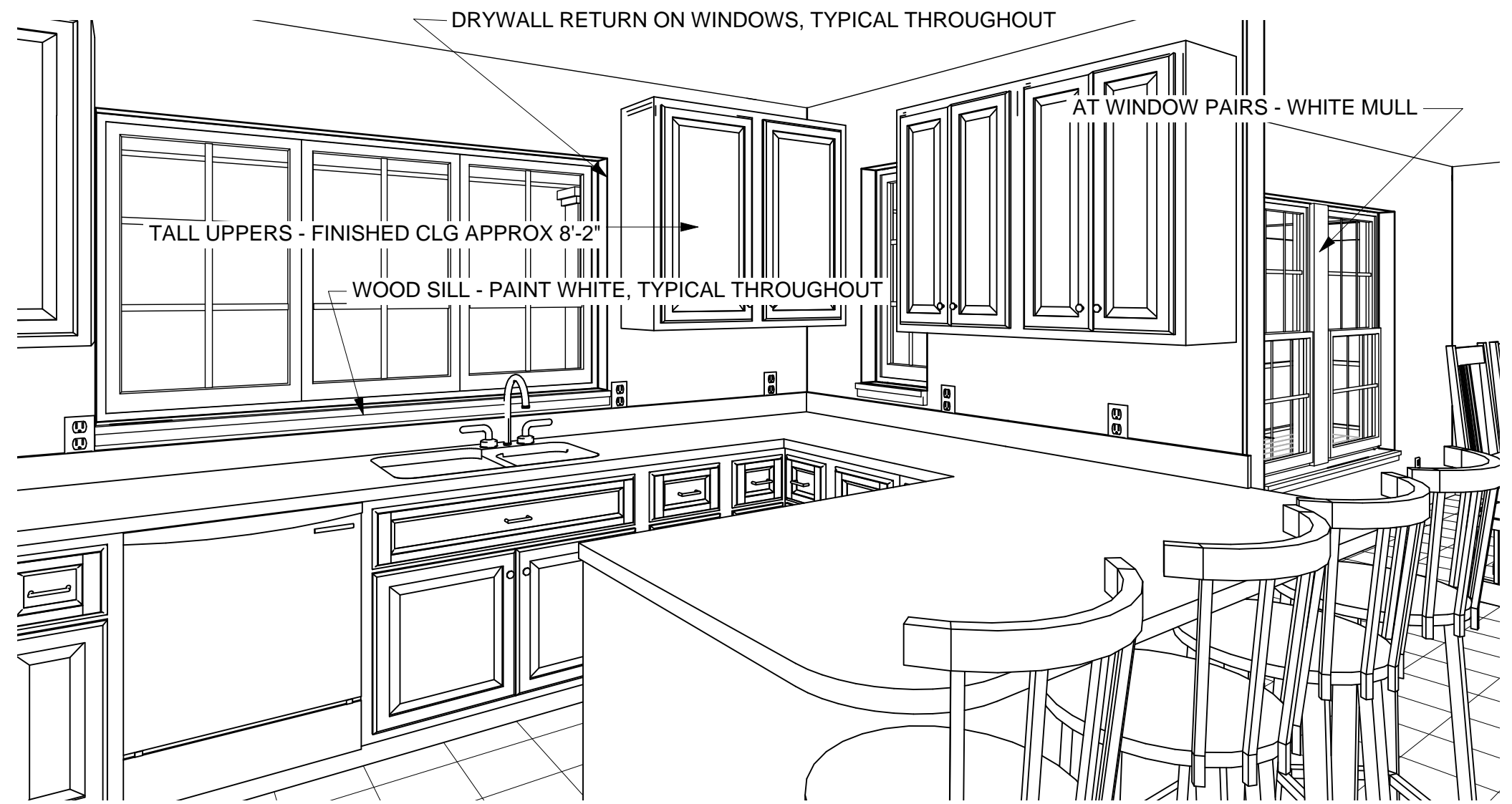


ENLARGED KITCHEN PLAN
SCALE: 1" = 1'-0"

CABINET SCHEDULE							
NUMBER	QTY	FLOOR	WIDTH	DEPTH	HEIGHT	DESCRIPTION	COMMENTS
C01	1	1	24"	24"	39"	CORNER WALL CABINET	
C02	1	1	12"	24"	36"	BASE CABINET	
C03	1	1	18"	12"	39"	WALL CABINET	
C04	1	1	29 15/16"	12"	18"	WALL CABINET	
C05	3	1	15"	24"	36"	BASE CABINET	
C07	1	1	36"	24"	24"	WALL CABINET	
C08	4	1	21"	12"	39"	WALL CABINET	
C09	1	1	18"	24"	36"	BASE CABINET	
C10	2	1	24"	12"	36"	WALL CABINET	
C11	1	2	24"	12"	84"	UTILITY CABINET	
C13	2	1	13 1/2"	21"	36"	BASE CABINET	
C15	1	1	27"	21"	36"	BASE CABINET	
C16	1	1	27"	24"	36"	BASE CABINET	
C21	3	1	36"	36"	36"	CORNER BASE CABINET	
C24	1	1	39"	24"	36"	BASE CABINET	
C25	1	1	9"	24"	36"	BASE CABINET	
C26	1	2	20 3/8"	12"	84"	UTILITY CABINET	
C29	1	2	23"	12"	84"	UTILITY CABINET	
C30	2	2	24"	24"	36"	BASE CABINET	
C31	1	2	36"	21"	36"	BASE CABINET	

For construction only at:
Lot 15, Falls Way
Greenland, NH

DOOR SCHEDULE							
NUMBER	QTY	FLOOR	WIDTH	HEIGHT	DESCRIPTION	COMMENTS	
D01	1	0	72"	80"	EXT. DOUBLE HINGED-GLASS		
D02	1	2	60"	80"	DOUBLE HINGED 2 PANEL DOOR - - INTERIOR MOLDINGS - FIRST FLOOR		
D03	1	1	24"	80"	HINGED 2 PANEL DOOR - - INTERIOR MOLDINGS - FIRST FLOOR		
D04	1	2	48"	80"	SLIDER 2 PANEL DOOR - - INTERIOR MOLDINGS - FIRST FLOOR		
D05	1	1	32"	80"	EXT. HINGED 9 LITE DOOR		
D06	1	1	30"	80"	INTERIOR POCKET		
D07	1	1	32"	80"	HINGED 2 PANEL DOOR - - INTERIOR MOLDINGS - FIRST FLOOR		
D08	1	1	36"	80"	EXT. HINGED 2 PANEL 2 GLASS - 1288 SEGOVIA RED		
D09	3	1	36"	80"	HINGED 2 PANEL DOOR - - INTERIOR MOLDINGS - FIRST FLOOR		
D10	1	1	55 13/16"	80"	SLIDER		
D11	1	1	72"	80"	EXT. SLIDER-GLASS		
D12	1	2	24"	51"	EXT. HINGED		
D13	1	2	28"	80"	HINGED-PANEL		
D14	1	2	28"	72"	EXT. HINGED-PANEL		
D15	1	2	28"	80"	INTERIOR POCKET		
D16	1	2	30"	45"	EXT. HINGED		
D18	3	2	32"	80"	HINGED 2 PANEL DOOR - - INTERIOR MOLDINGS - FIRST FLOOR		
D19	1	2	36"	80"	HINGED 2 PANEL DOOR - - INTERIOR MOLDINGS - FIRST FLOOR		
D20	1	2	36"	80"	INTERIOR POCKET		
D21	1	2	48"	80"	SLIDER		
D22	2	1	108"	84"	GARAGE - HC-174 LANCASTER WHITEWASH		
D23	1	1	32"	80"	EXT. HINGED 2 PANEL 2 GLASS		




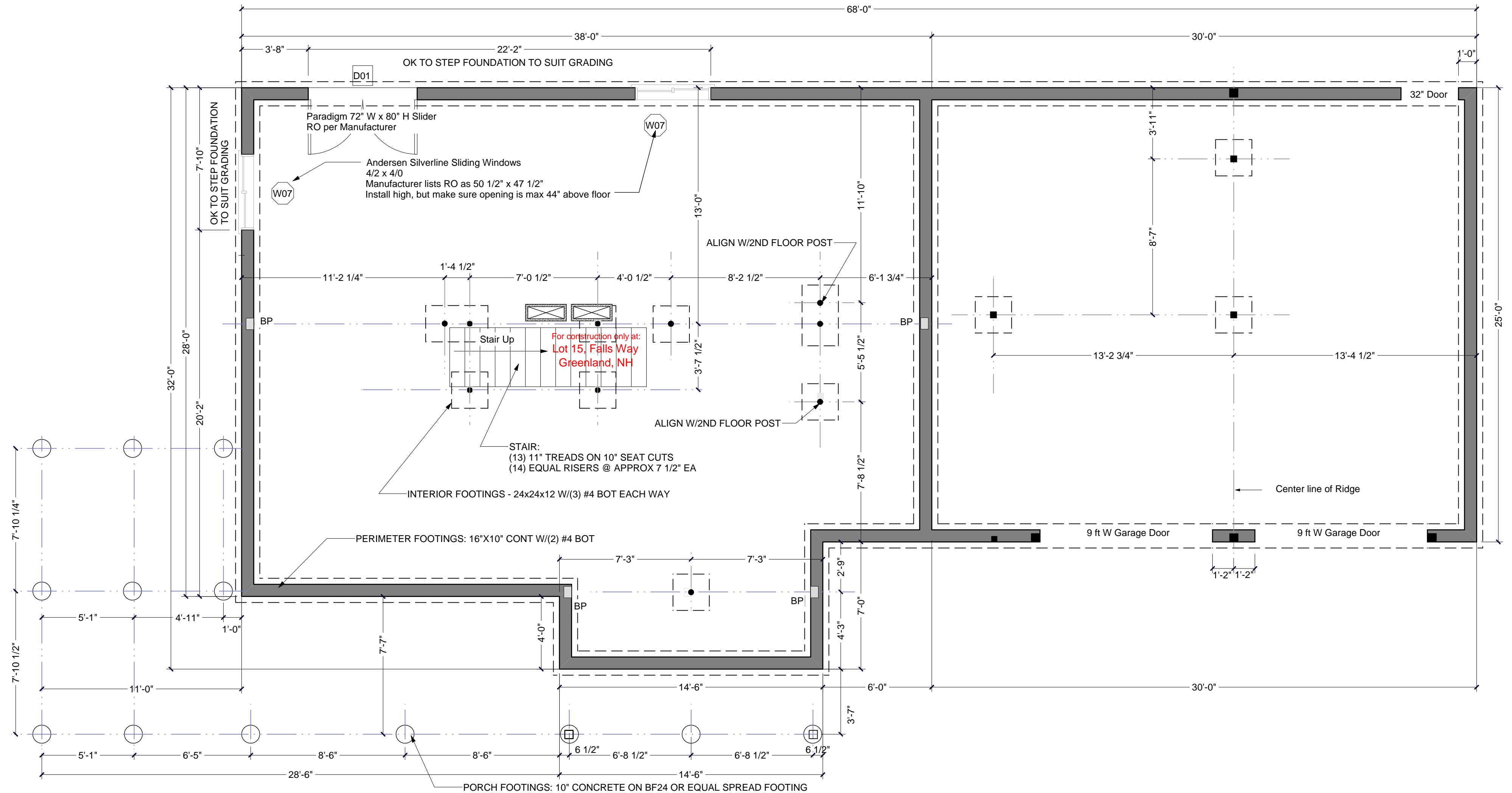
WINDOW SCHEDULE								
NUMBER	QTY	FLOOR	WIDTH	HEIGHT	DESCRIPTION	CODE	MANUFACTURER	COMMENTS
W01	1	1	17"	40 13/16"	SNGL CASEMENT-HR	C1-1740	SILVERLINE	
W02	7	1	33 3/4"	64 3/4"	DOUBLE HUNG	2/8 X 5/2	SILVERLINE	
W03	2	1	37 3/4"	64 3/4"	DOUBLE HUNG	3/0 X 5/2	SILVERLINE	
W04	1	1	71 7/8"	40 13/16"	TRIPLE CASEMNT-LHL/RHR	C3-7140	SILVERLINE	
W05	1	2	71 7/8"	40 13/16"	TRIPLE CASEMNT-LHL/RHR	C3-7140	SILVERLINE	
W06	1	2	83 1/2"	56 3/4"	MULLED UNIT	(2) 3/4 X 4/6	SILVERLINE	MULLED TIGHT SLIDER
W07	2	0	50"	47"	LEFT SLIDING	4/2 X 4/0	SILVERLINE	
W08	6	2	41 3/4"	56 3/4"	DOUBLE HUNG	3/4 X 4/6	SILVERLINE	
W09	1	2	71 7/8"	48"	TRIPLE CASEMNT-LHL/RHR	C3-7148	ANDERSEN SILVERLINE	

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BASEMENT & FOUNDATION

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STRUCTURAL GENERAL NOTES:

1. ALL DESIGN, MATERIALS, WORKMANSHIP AND DETAILS SHALL CONFORM TO THE REQUIREMENTS OF THE 2006 EDITION OF "THE INTERNATIONAL RESIDENTIAL CODE."

DESIGN LOADS

GROUND SNOW LOAD = 50 PSF
FLOOR LIVE LOAD = 40 PSF
BASIC WIND SPEED = 90 MPH

BOTTOM CHORD OF ROOF TRUSSES SHALL BE DESIGNED FOR 20 PSF, OR A CONCENTRATED LOAD OF 300 LBS. WHERE ACCESS IS PROVIDED TO THE ATTIC SPACE. COORDINATE MECHANICAL EQUIPMENT WEIGHTS AND LOCATIONS WITH MECHANICAL SUPPLIER.

FOUNDATION NOTES

1. NO FOOTINGS SHALL BE POURED ON LOOSE OR UNSUITABLE SOILS, IN WATER OR ON FROZEN GROUND.
2. ALL EXTERIOR FOOTINGS TO CONFORM TO APPLICABLE CODE REQUIREMENTS FOR FROST PROTECTION.
3. ALLOWABLE PRESUMPTIVE BEARING CAPACITY USED IN DESIGN OF THE FOUNDATIONS: 2000 PSF.
4. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF AT LEAST 3000 PSI AT 28 DAYS.
5. CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORTS AS REQUIRED TO PREVENT HORIZONTAL MOVEMENT OR VERTICAL SETTLEMENT WHICH WILL ENDANGER ADJACENT STRUCTURES, STREETS OR UTILITIES.
6. BACKFILL SHALL NOT BE PLACED AGAINST FOUNDATION WALL UNTIL FLOOR SYSTEM IS IN PLACE OR THE FOUNDATION WALLS ARE ADEQUATELY BRACED AT THE TOP OF THE WALL.
7. FOUNDATION ANCHORAGE SHALL CONSIST OF A MINIMUM OF 5/8" DIAMETER ANCHOR BOLTS AT 32" O.C., 9" MINIMUM EMBEDMENT IN CONCRETE. PROVIDE SUFFICIENT BOLT LENGTH FOR BOLTING TO SILL WITH WASHER AND NUT.

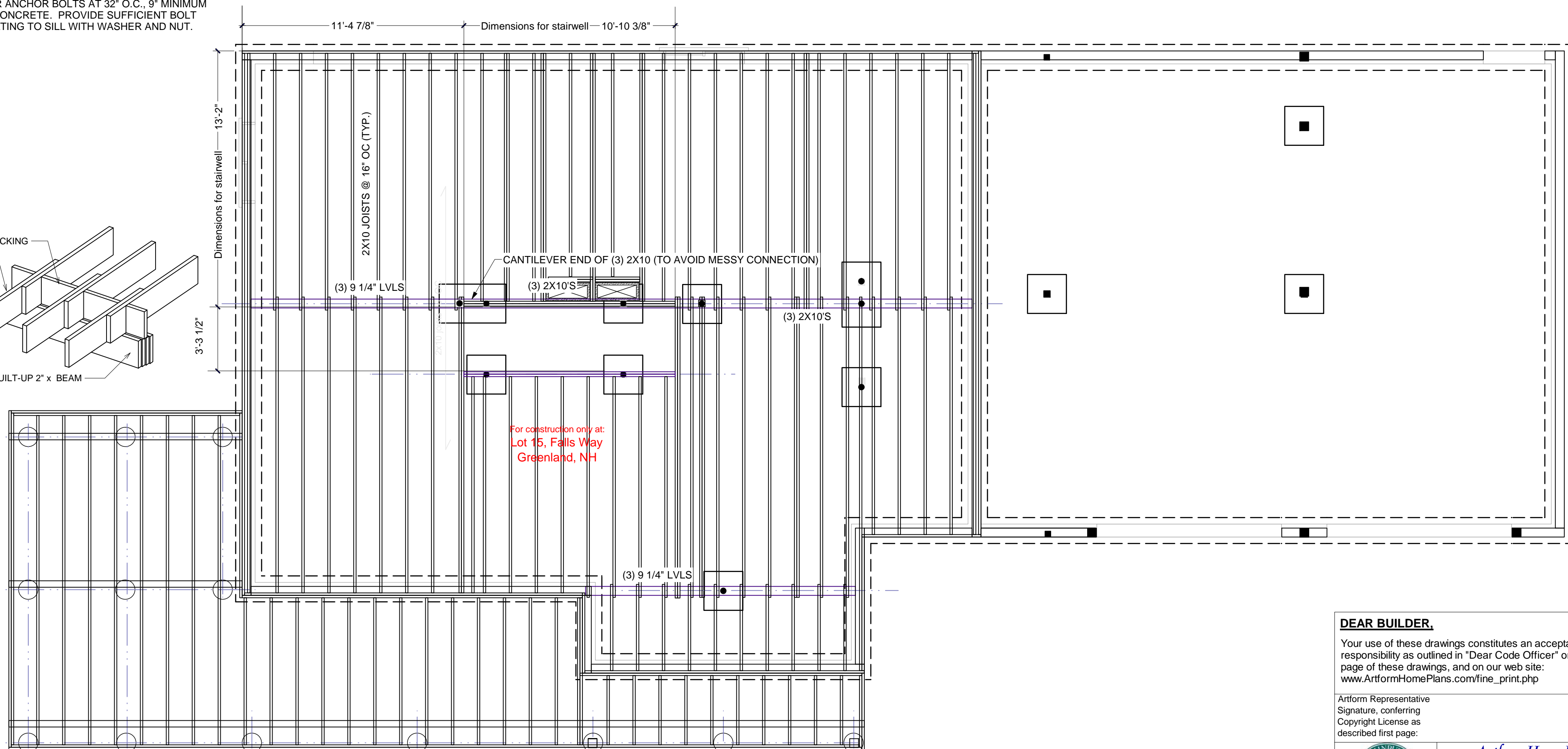
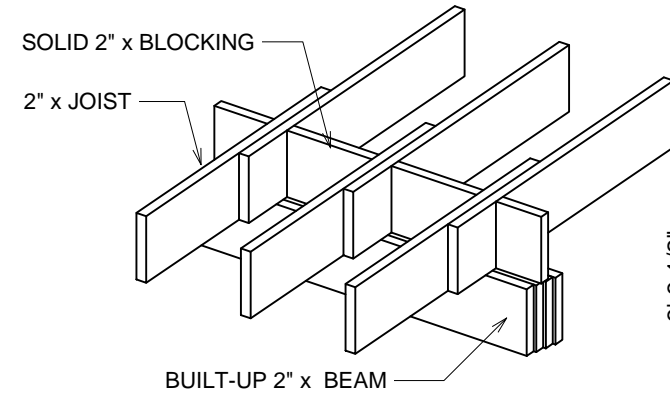
WOOD FRAMING NOTES

1. ALL STRUCTURAL WOOD SHALL BE IDENTIFIED BY A GRADE MARK OR CERTIFICATE OF INSPECTION BY A RECOGNIZED INSPECTION AGENCY.
2. STRUCTURAL WOOD SHALL BE SPRUCE-PINE-FIR (SPF) #2 OR BETTER OR EQUIVALENT HAVING THE FOLLOWING MINIMUM STRENGTH PROPERTIES:
Fb = 875 PSI (1000 PSI REPETITIVE MEMBER)
Fv = 135 PSI
E = 1,400,000 PSI
Fc (PARALLEL) = 1,150 PSI
Fc (PERPENDICULAR) = 425 PSI
3. LVL OR PSL INDICATE LAMINATED VENEER LUMBER AND PARALLEL STRAND LUMBER RESPECTIVELY. LVL AND PSL BEAMS AND POSTS SHALL CONFORM TO ILEVEL (TRUS-JOIST) SPECIFICATIONS OR EQUAL WITH THE FOLLOWING MINIMUM STRENGTH PROPERTIES:
Fb = 2,925 PSI
Fv = 290 PSI
E = 1,900,000 PSI
Fc (PARALLEL) = 2,900 PSI
Fc (PERPENDICULAR) = 750 PSI
4. MULTIPLE PLYS OF 1 3/4" WIDE LVL'S SHALL BE FASTENED TOGETHER WITH A MINIMUM OF 3 ROWS OF 10d NAILS @ 12" O.C.; 4 ROWS OF 10d NAILS @ 12" O.C. FOR 14" AND DEEPER LVL'S.
5. ENGINEERED I-JOISTS SPECIFIED ARE THE "ALL JOIST" SYSTEM AS MANUFACTURED BY BOISE CASCADE. ADHERE STRICTLY TO MANUFACTURER'S INSTRUCTIONS FOR STORAGE AND HANDLING, INSTALLATION, AND DETAILS.

6. ALL FLOOR JOISTS SHALL HAVE BRIDGING INSTALLED AT MID-SPAN OR AT 8'-0" O.C. MAXIMUM.
7. PROVIDE SOLID FRAMING/BLOCKING TO POSTS AND/OR SUPPORTS BELOW. PROVIDE 1 1/2" MINIMUM BEARING LENGTH FOR ALL BEAMS AND HEADERS.
8. INSTALL SIMPSON H2.5 CONNECTORS AT THE ENDS OF ALL RAFTERS AND/OR TRUSSES.
9. PLYWOOD SHALL BE CAPABLE OF SUPPORTING DESIGN LOADS AT REQUIRED SUPPORT SPACING AND BEAR APPROPRIATE GRADING STAMP FROM AMERICAN PLYWOOD ASSOCIATION.
10. ALL WOOD PERMANENTLY EXPOSED TO THE WEATHER, IN CONTACT WITH CONCRETE OR IN CONTACT WITH THE GROUND OR OTHERWISE SPECIFIED SHALL BE PRESSURE TREATED FOR GROUND CONTACT.
11. DECK FRAMING SHALL BE PRESSURE TREATED. THE LEDGER SUPPORT AT THE HOUSE SHALL BE ATTACHED TO THE HOUSE VIA 5/8" THROUGH BOLTS @ 16" OC, STAGGERED. SUPPORT POSTS TO BE PT 4X4 FOR DECK HEIGHT UP TO 8 FEET ABOVE GRADE. PROVIDE LATERAL BRACING AND/OR INCREASED POST SIZE AT HEIGHTS ABOVE THAT.

PREFABRICATED WOOD TRUSSES


1. TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH APPLICABLE PROVISIONS OF THE LATEST EDITION OF NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION (NDS), AMERICAN FOREST AND PAPER ASSOCIATION (AFPA), AND DESIGN SPECIFICATIONS FOR METAL PLATE CONNECTED WOOD TRUSSES (ANSI/TPI 1), TRUSS PLATE INSTITUTE (TPI), AND CODE OF JURISDICTION.
2. MANUFACTURER SHALL FURNISH DESIGN DRAWINGS BEARING SEAL AND REGISTRATION NUMBER OF A STRUCTURAL ENGINEER LICENSED IN NEW HAMPSHIRE. DRAWINGS SHALL BE APPROVED BY ARCHITECT PRIOR TO FABRICATION.
3. HANDLE DURING INSTALLATION IN ACCORDANCE WITH HANDLING, INSTALLATION AND BRACING WOOD TRUSSES (HIB-91), TPI, AND ANSI/TPI 1-1995. INSTALLATION SHALL BE CONSISTENT WITH GOOD WORKMANSHIP AND GOOD BUILDING PRACTICES AND SHALL BE THE RESPONSIBILITY OF TRUSS INSTALLER.



FIRST FLOOR FRAMING

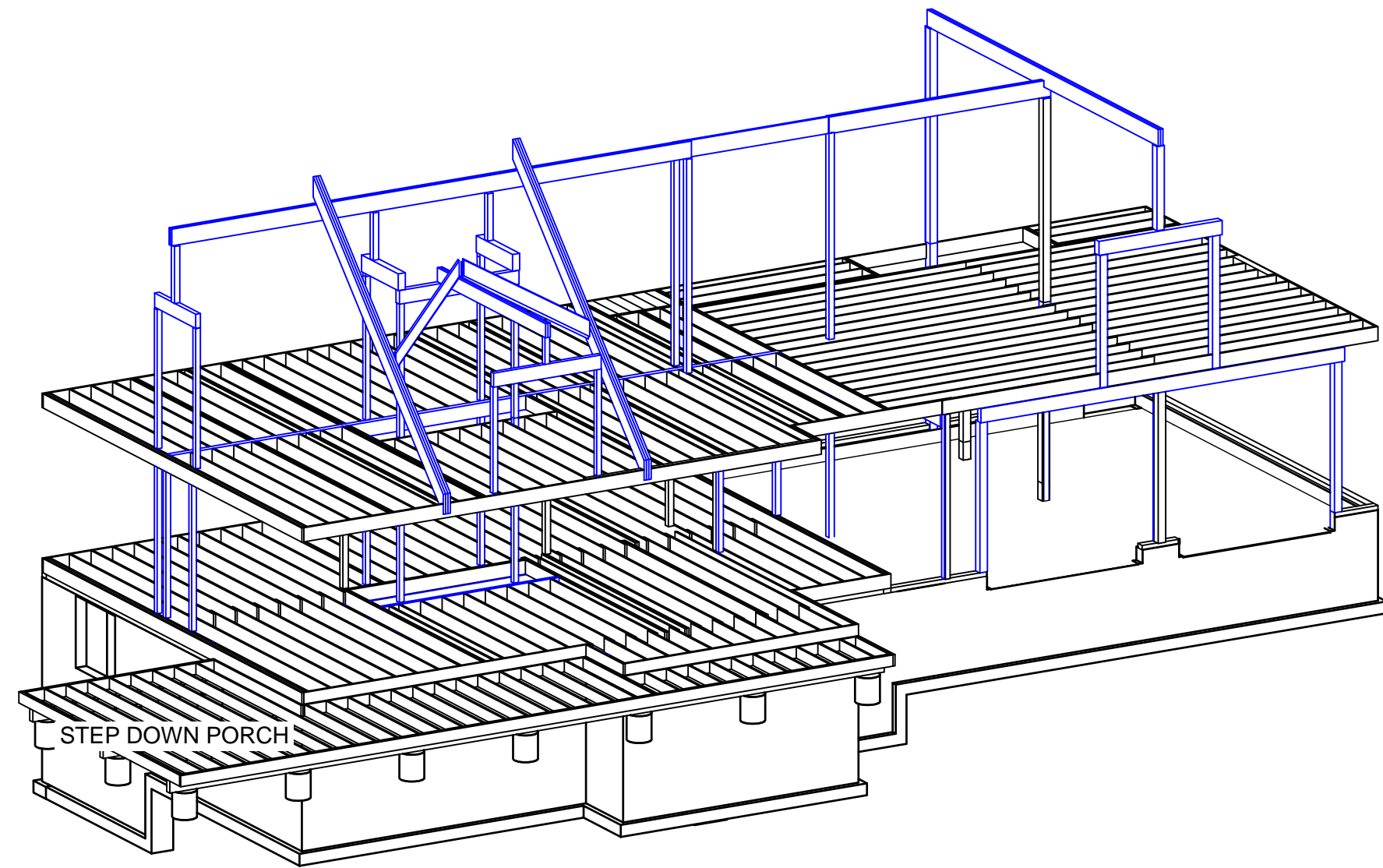
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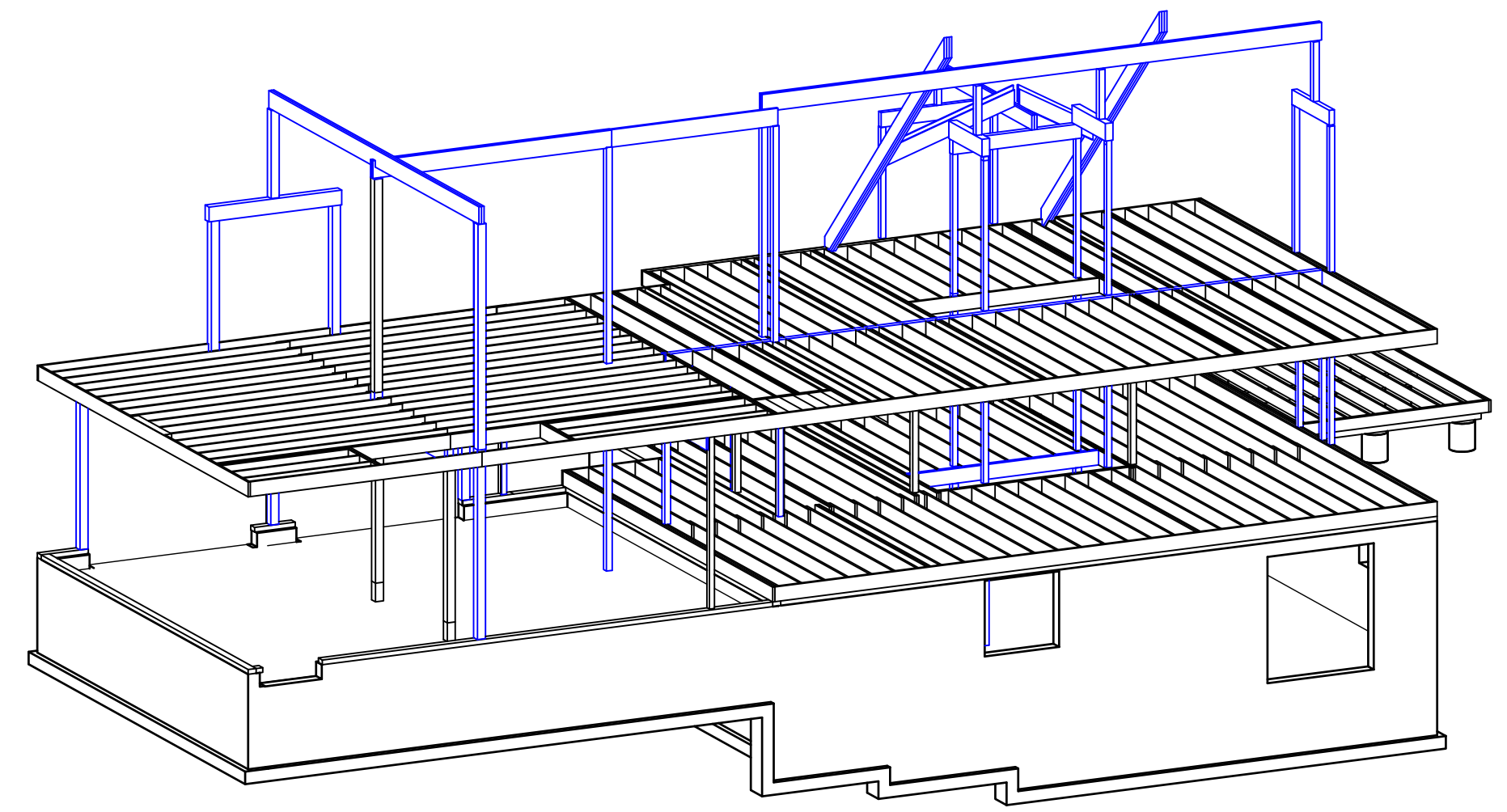
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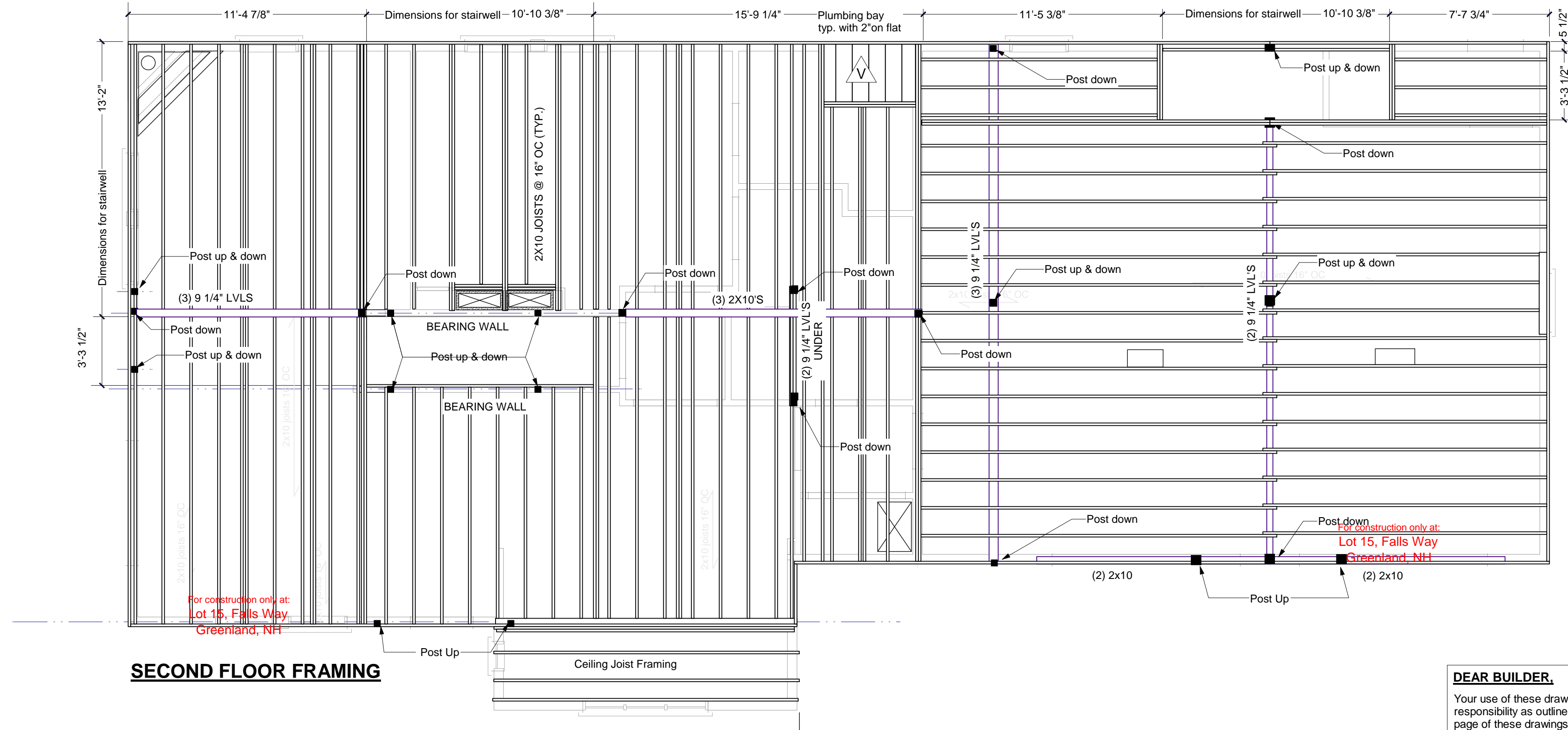
1/4/2009 1/4" = 1'-0" unless noted otherwise **10**



3D framing view Front Left



3D framing view Back Right




SECOND FLOOR FRAMING

DEAR BUILDER,

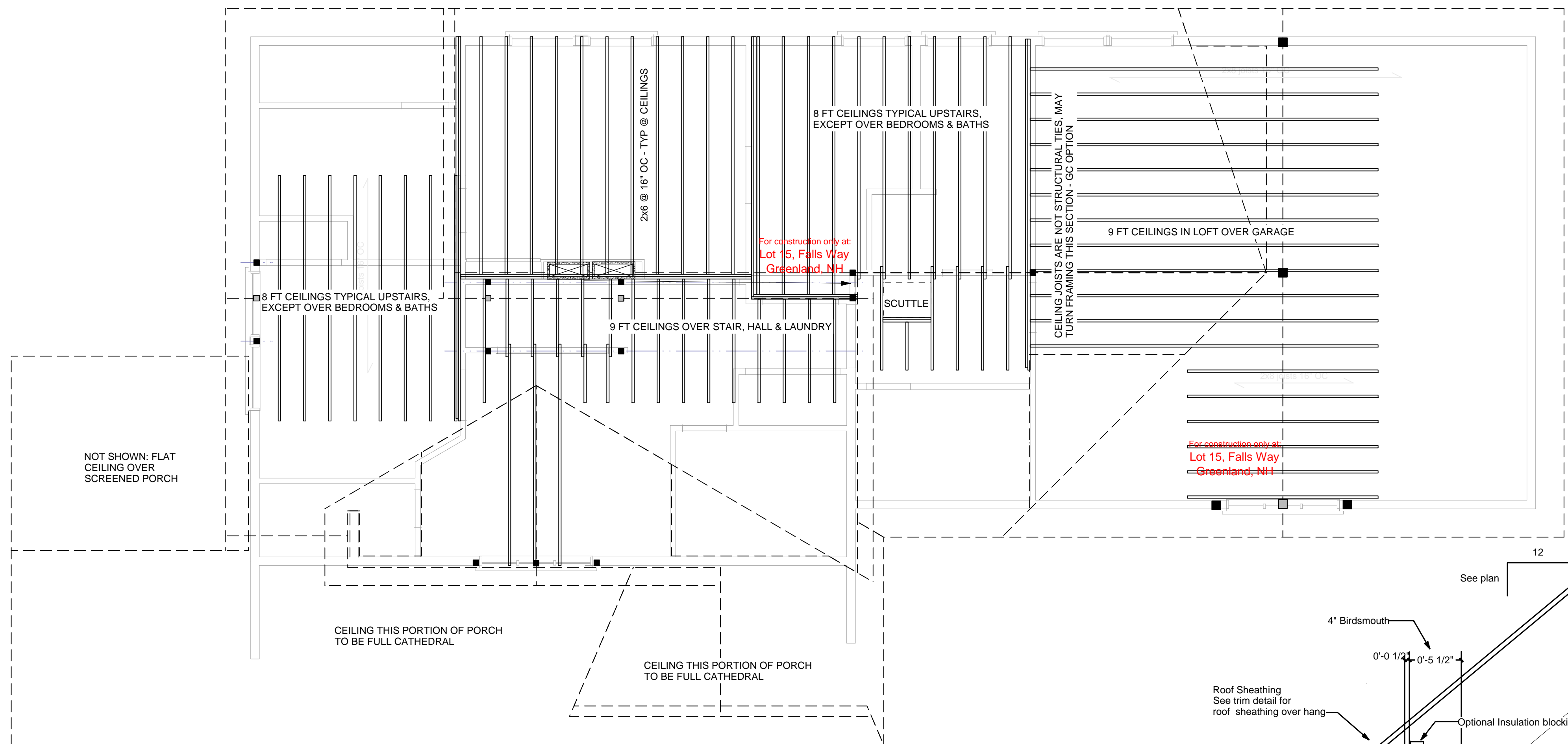
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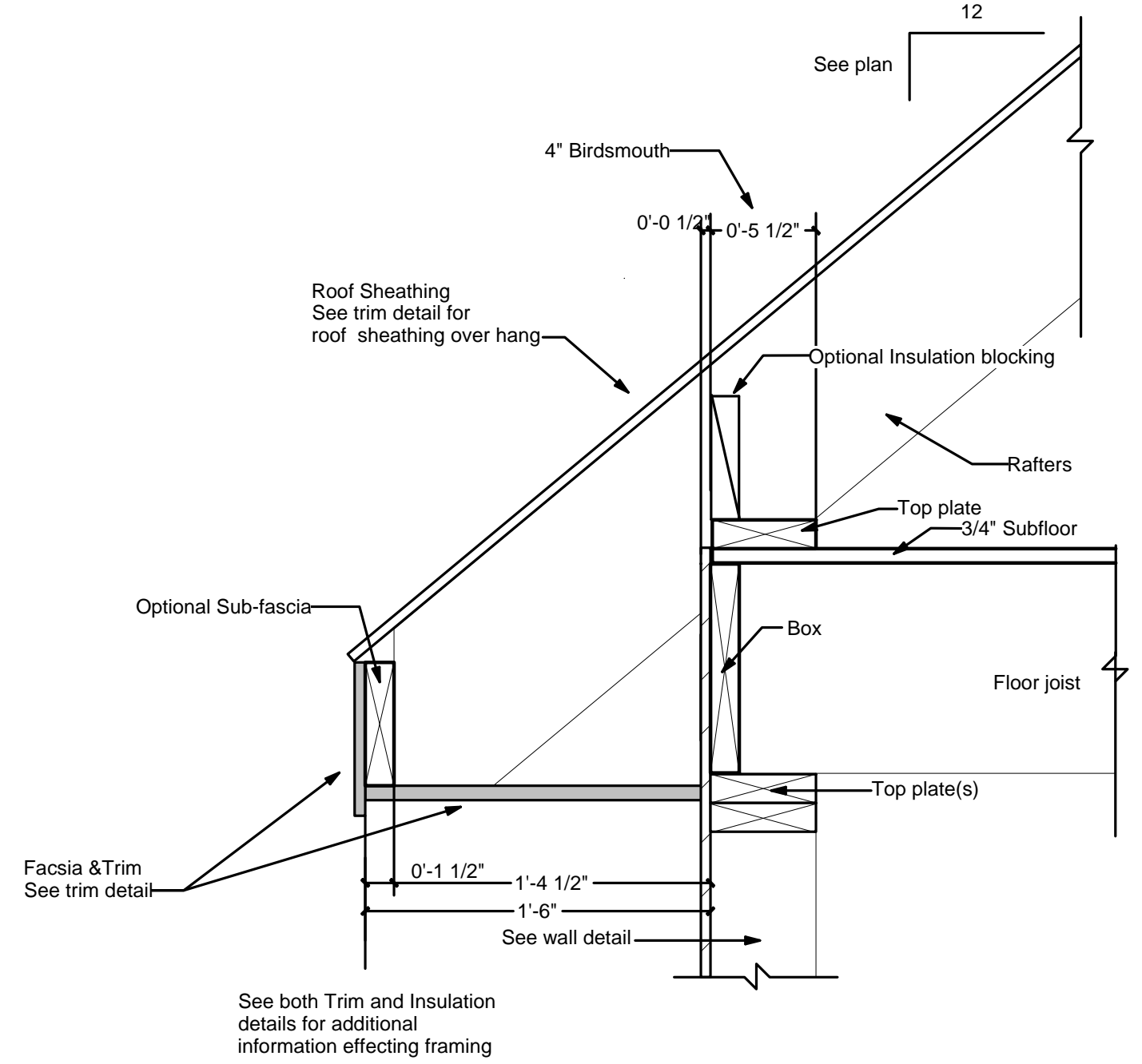
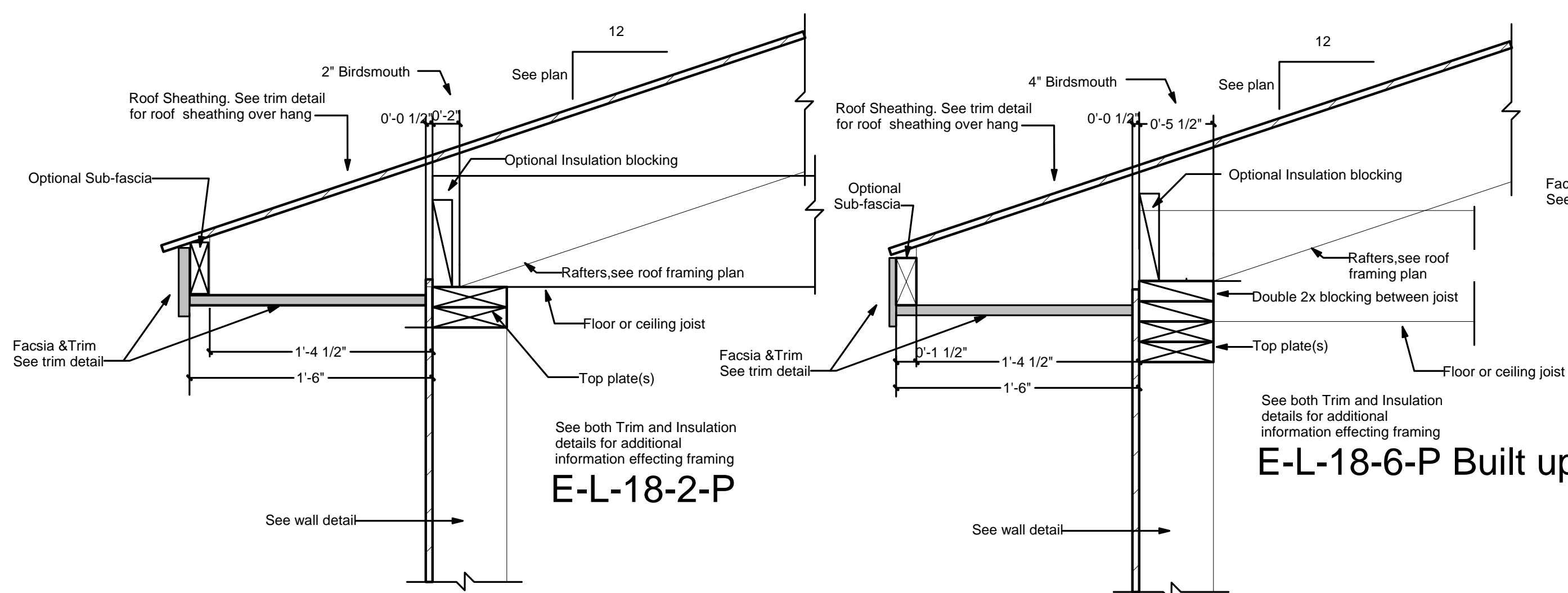


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CEILING FRAMING




E-R-18-6-P / New Cape

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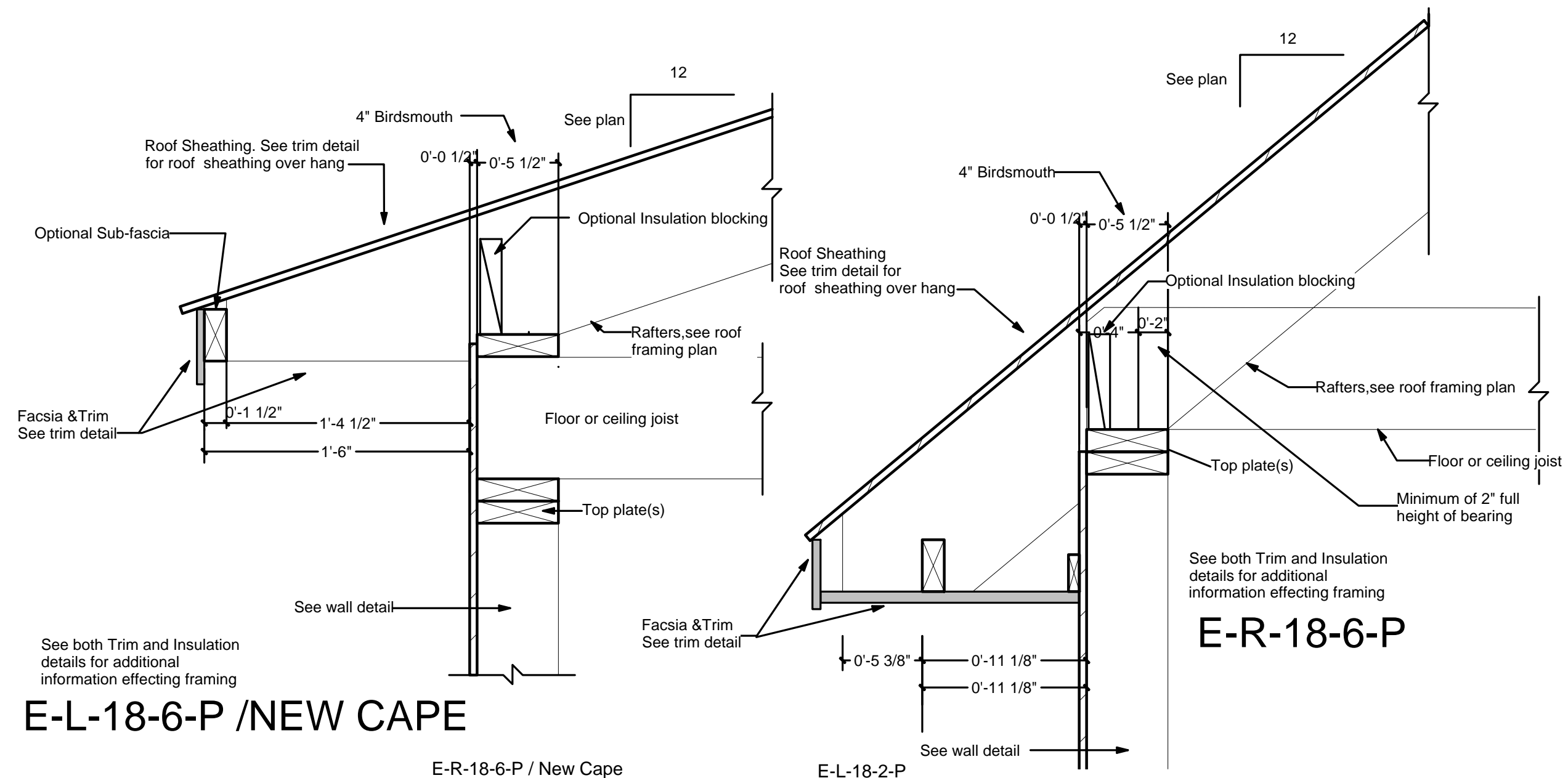
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1/4/2009 1/4"=1'-0" unless noted otherwise



E-L-18-6-P / NEW CAPE

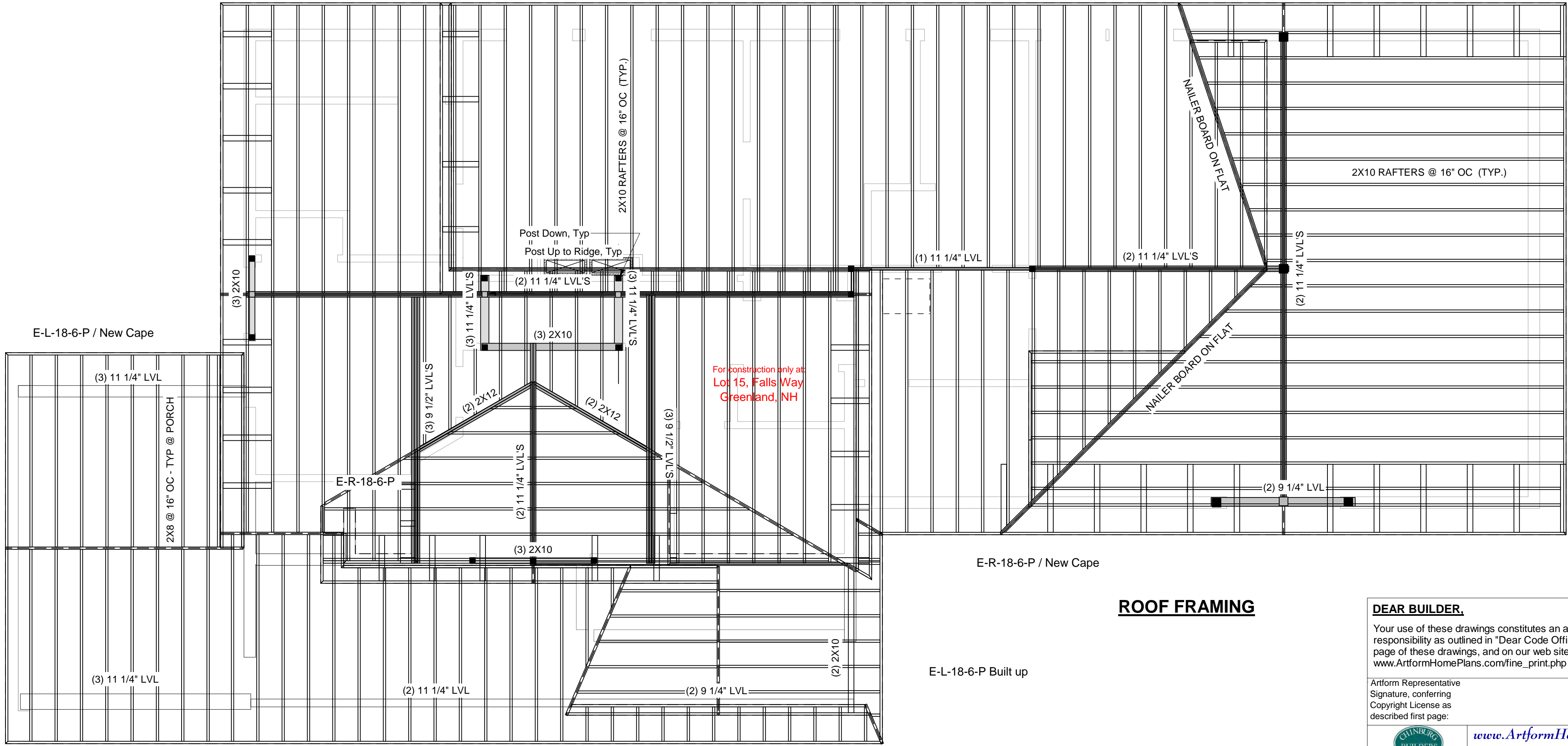
E-R-18-6-P

E-R-18-6-P / New Cape

E-L-18-2-P

E-L-18-2-P

E-R-18-6-P / New Cape



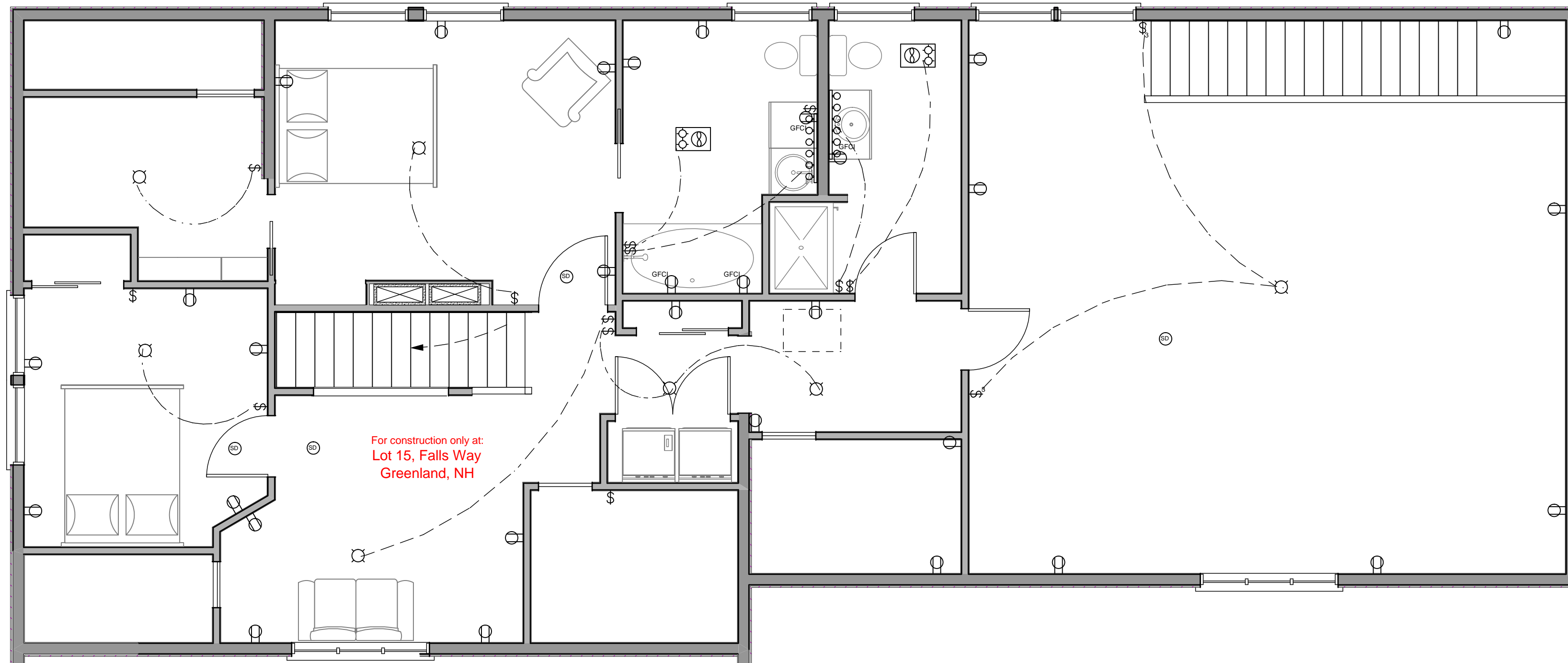
ROOF FRAMING

DEAR BUILDER,

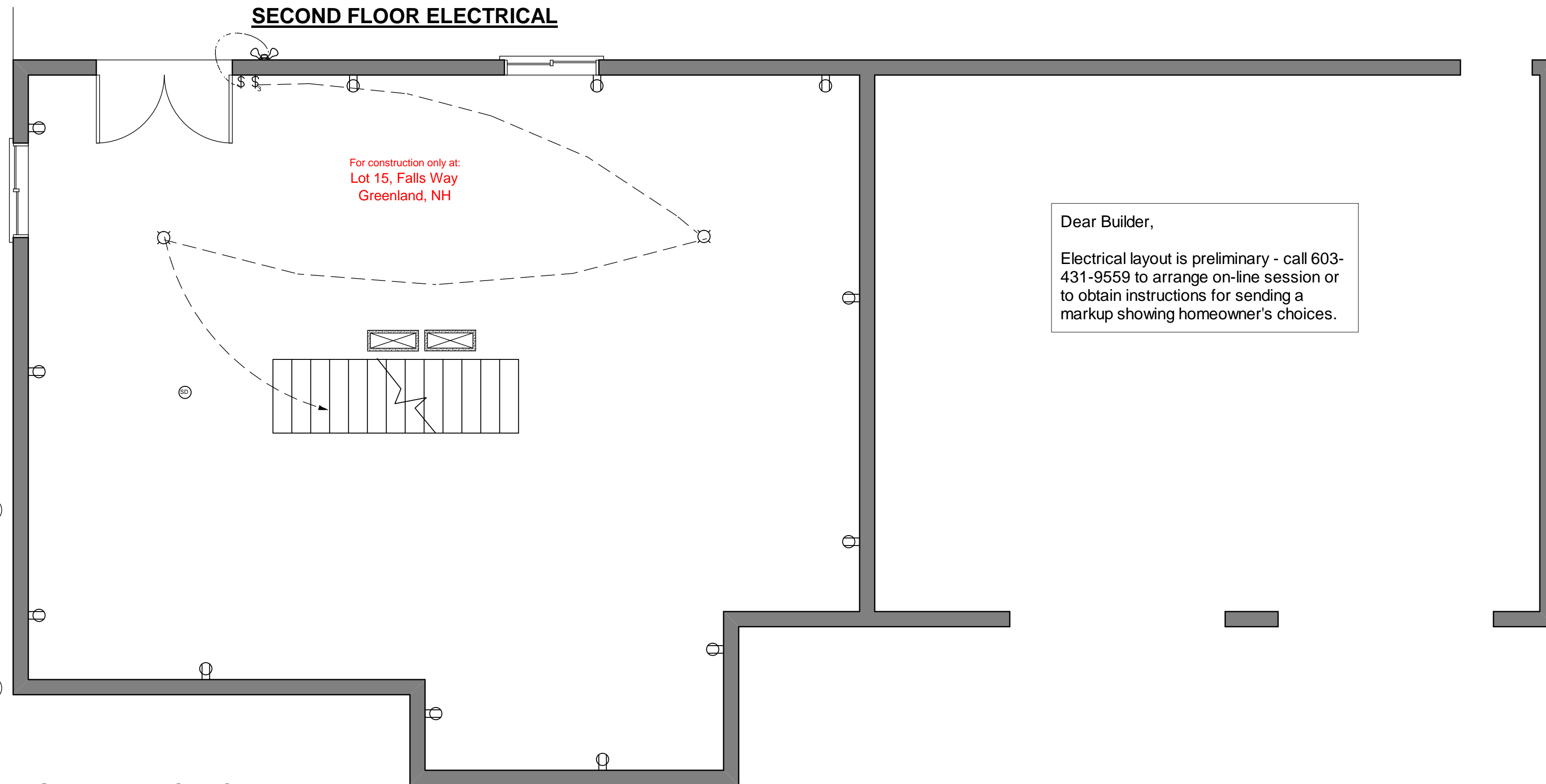
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SECOND FLOOR ELECTRICAL



BASEMENT ELECTRICAL

Dear Builder,
 Electrical layout is preliminary - call 603-431-9559 to arrange on-line session or to obtain instructions for sending a markup showing homeowner's choices.

LEGEND

- Duplex Outlet - Weatherproof @ 15" aff unless noted otherwise
- Duplex Outlet @ 15" aff, typ & 44" @ counters, unless noted otherwise
- Duplex Outlet - In floor with cover
- Surface Mounted Ceiling Fixture - Large
- Surface Mounted Ceiling Fan, with or without light
- Surface Mounted Ceiling Fixture - Small
- Wall Mounted Light Fixture - Interior
- Wall Mounted Light Fixture - Exterior, Utility
- Wall Mounted Light Fixture - Exterior, Decorative
- Doorbell
- Door Chime
- Wall Switch
- Wall Switch - multi-pole
- Television
- Telephone
- Exterior Light Fixture - Recessed in Ceiling
- Interior Light Fixture - Recessed in Ceiling
- Smoke Detector
- Bath Fan/Light
- Thermostat
- Light over Vanity

NOTES

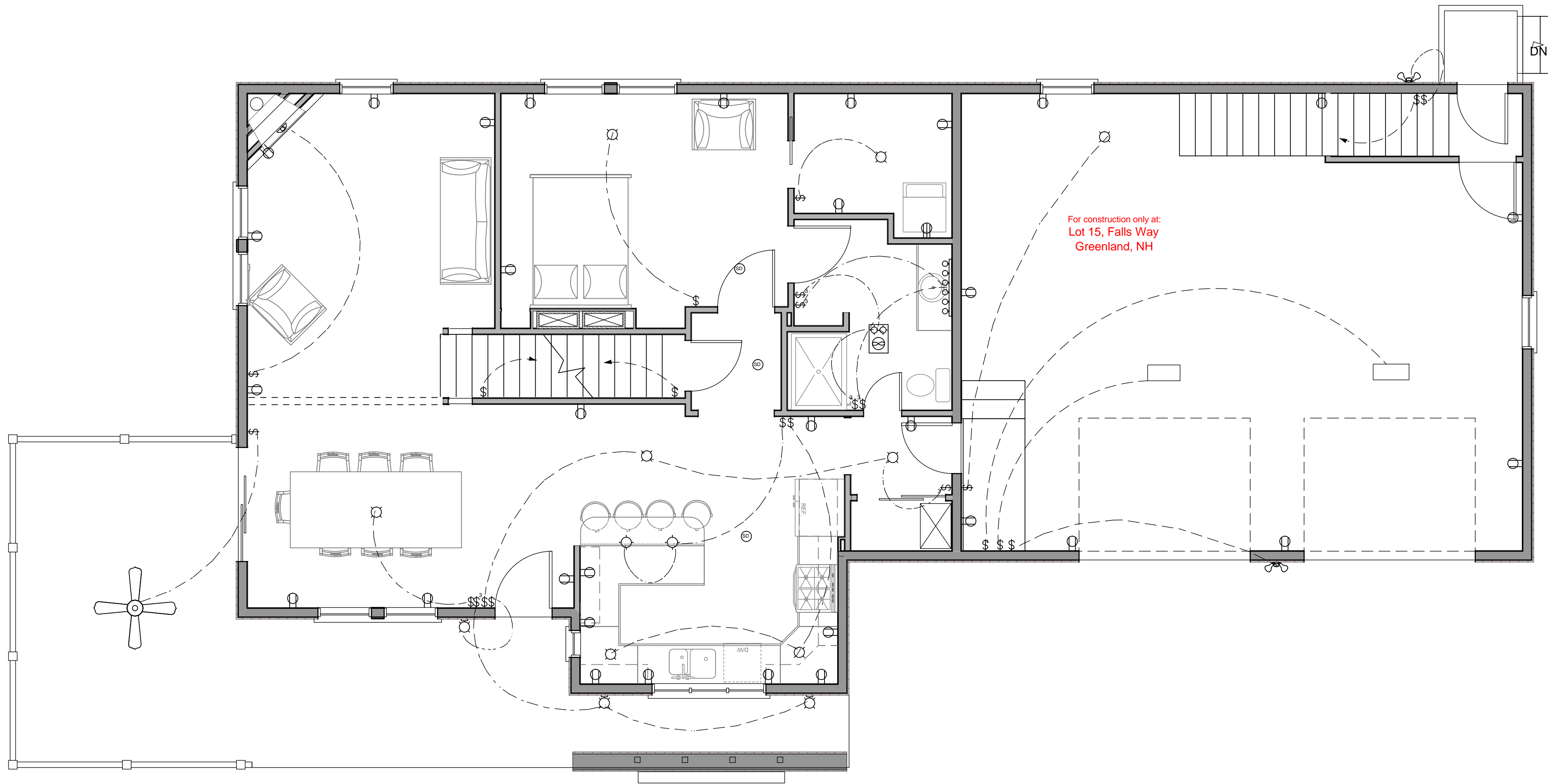
- 1 - Provide additional electrical for all appliances shown.
- 2 - Consult owner and/or builder for electrical needs of mechanical equipment.
- 3 - Consult owner and/or builder for telephone, television, doorbell and data needs.
- 4 - Provide interconnected smoke detectors in locations shown and any additional required by local code and/or local officials.
- 5 - Not shown - provide utility light in attics and other non-habitable spaces where required by code.
- 6 - Lighting, switching & outlets shown are suggestions. Consult owner and/or builder for additional requirements.
- 7 - All kitchen and bath counter outlets to be GFCI @ 44" aff unless noted otherwise.
- 8 - All exterior outlets to be weatherproof. Provide additional electrical where required by code or by governing authorities.
- 9 - Provide required emergency switch for mechanical equipment. Provide protective plastic cover to prevent accidental shut off.
- 10 - Electrical contractor shall provide sizing of circuits and electrical service to conform to codes in effect at the project site.
- 11 - Select lights and/or add additional lights to provide minimum of 6 footcandles at 30" above the floor in all habitable rooms.
- 12 - Light fixtures within 5 feet of tub or shower may require wet location ratings. Confirm requirements at specific locations with electrical inspector prior to purchasing and installing fixtures.
- 13 - Installation of whole house mechanical ventilation is strongly encouraged, and may be required for habitable basement rooms or other rooms with few windows, per IRC section R303.
- 14 - Devices may be shown on the legend that are not used in this project.

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FIRST FLOOR ELECTRICAL

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