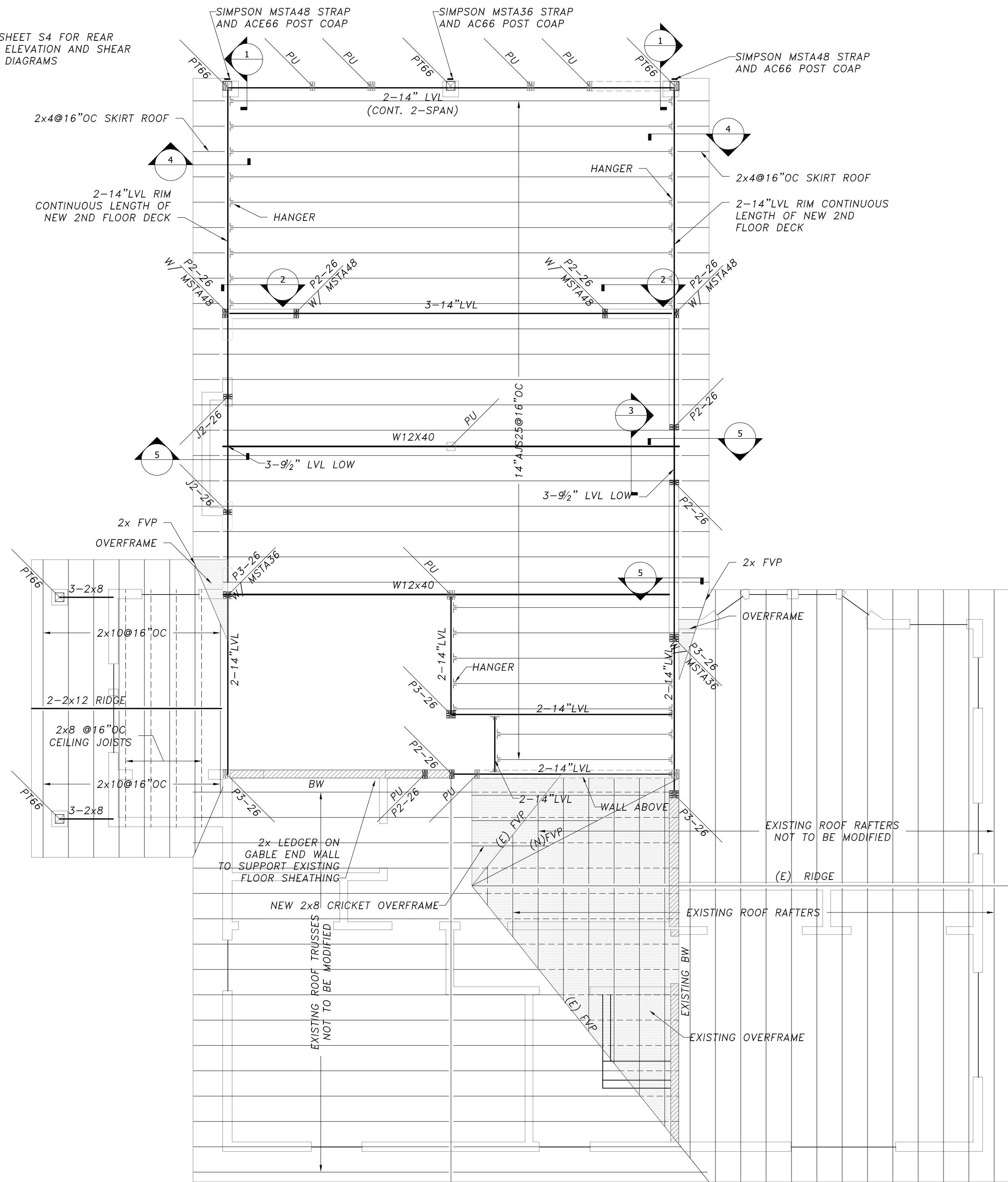
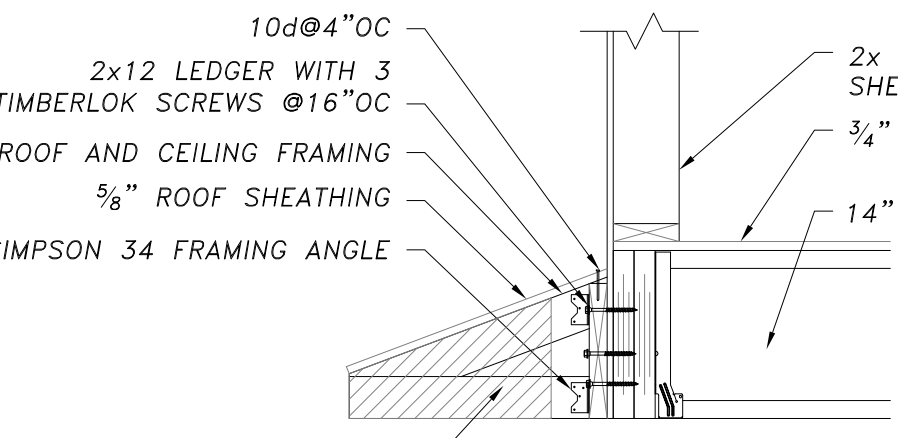
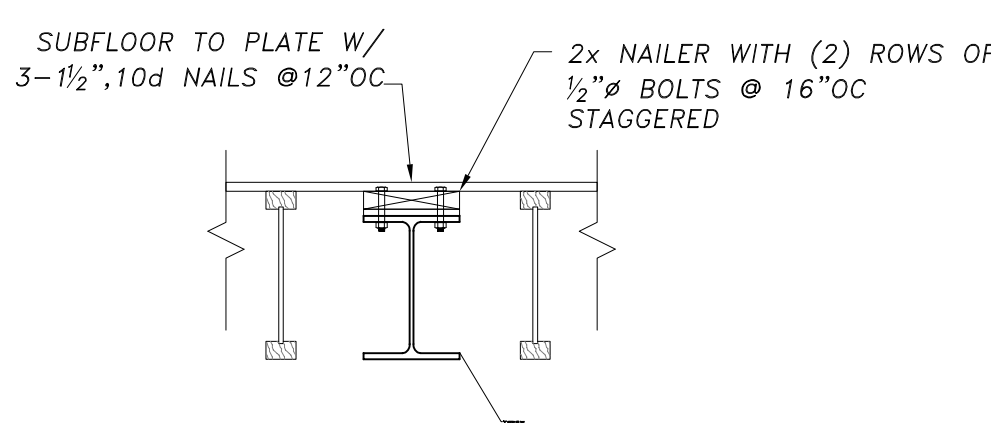


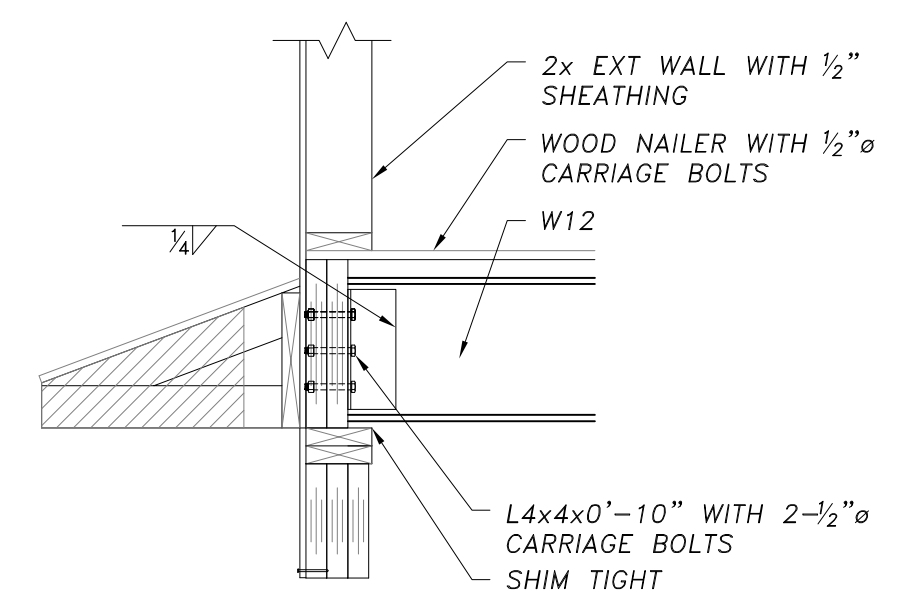
SEE SHEET S4 FOR REAR WALL ELEVATION AND SHEAR WALL DIAGRAMS



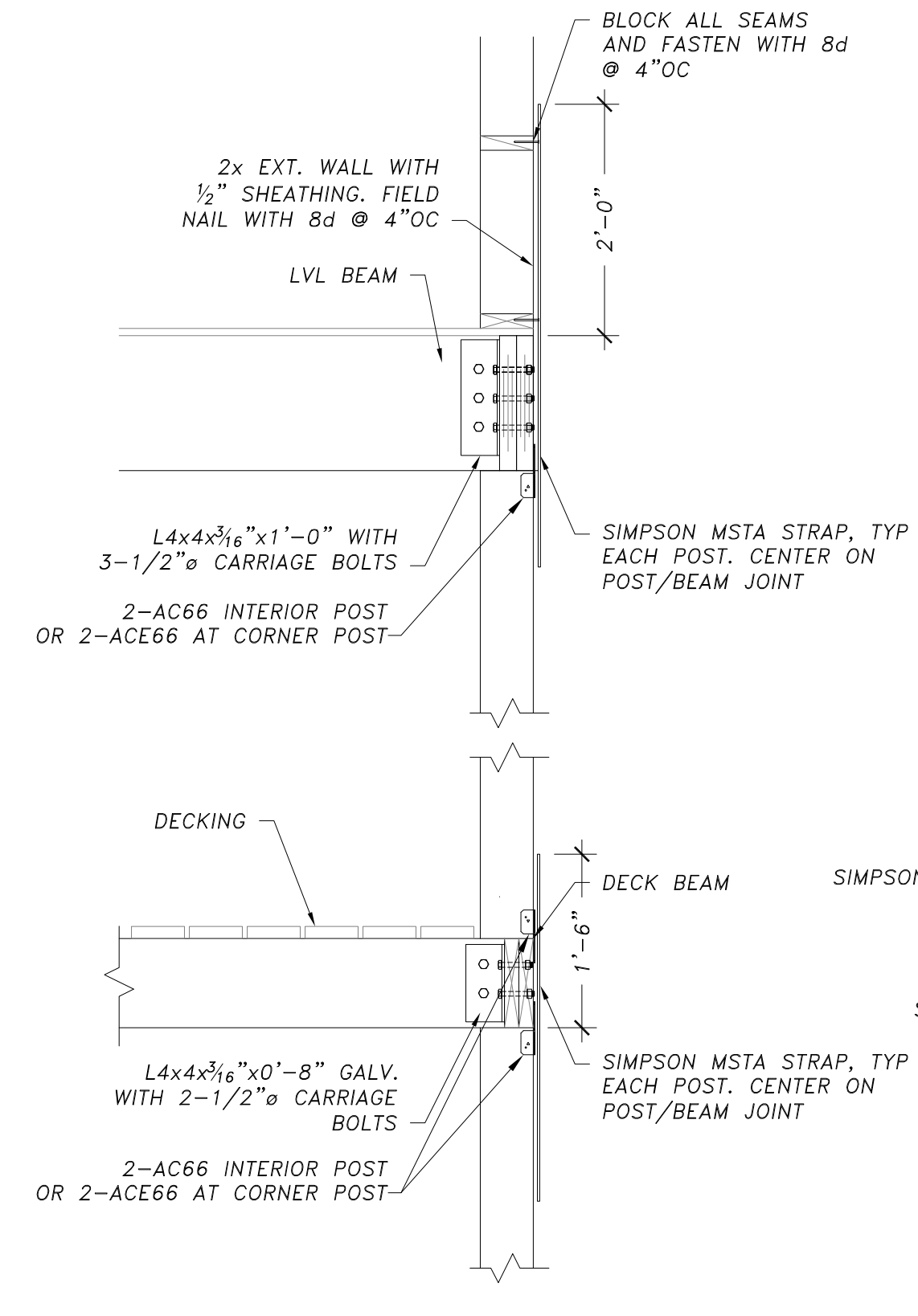
3 TYPICAL STL BEAM DETAIL
Scale: 3/4" = 1'-0"



4 STL LVL CONN.
Scale: 3/4" = 1'-0"



1 DECK POST / STRAP DETAIL
Scale: 3/4" = 1'-0"



DESIGN LOADS PER INTERNATIONAL RESIDENTIAL CODE

LIVE LOADS

GROUND SNOW LOAD:	55 PSF
UNINHABITABLE ATTICS WITHOUT STORAGE:	10 PSF
UNINHABITABLE ATTICS WITH LIMITED STORAGE:	20 PSF
HABITABLE ATTICS AND SLEEPING AREAS:	30 PSF
ALL OTHER AREAS:	40 PSF

WIND LOADS
ASCE 7-05 100 MPH, EXPOSURE C

DEAD LOAD
WEIGHTS OF MATERIALS AND CONSTRUCTION

- LATERAL FRAMING NOTES:**
- THE STRUCTURAL DESIGN OF THIS RESIDENCE WAS PERFORMED IN COMPLIANCE WITH THE INTERNATIONAL RESIDENTIAL CODE FOR ONE AND TWO FAMILY DWELLINGS. THE PRESCRIPTIVE REQUIREMENTS OF THIS CODE DO NOT APPLY PER SECTIONS 301.1.3 ALTERNATIVE PROVISIONS AND 301.1.3 ENGINEERED DESIGN.
 - FRAMING COMPONENTS AND FASTENERS AS IDENTIFIED IN THESE DRAWINGS AND NOTES ADEQUATELY RESIST THE LATERAL LOAD REQUIREMENTS AS DEFINED BY THE INTERNATIONAL RESIDENTIAL CODE FOR ONE AND TWO FAMILY DWELLINGS.
 - ALL EXTERIOR WALLS TO FOLLOW SHEARWALL SHEATHING CRITERIA.
 - SHEARWALLS CONSTRUCTION:
 - SHEATHING TO BE 1/2" APA RATED
 - SHEATHING TO BE ATTACHED TO THE WALL STUDS WITH 8dNAILS @ 4" OC AROUND EDGES & 8" OC IN FIELDS.
 - HOLD-DOWNS TO BE HDU5-SDS2.5 BY SIMPSON, SEE SPEC FOR CONNECTION
 - THREADED ROD TO BE 3/8"Ø.
 - ALL PLYWOOD SEAMS IN A SHEARWALL SHALL BE BLOCKED WITH DIMENSIONAL LUMBER OF THE SAME SIZE AS THE WALL STUDS.
 - REFER TO PLANS AND SECTIONS FOR STUD SIZES, STUDS SHALL BE SPACED AT 16 INCHES ON CENTER UNLESS NOTED OTHERWISE ON PLAN.
 - CARE SHOULD BE TAKEN TO ADJUST NAIL GUN PRESSURE SO AS TO NOT OVER DRIVE NAILS INTO PLYWOOD. NAIL HEADS SHOULD BE FLUSH WITH PLYWOOD FACE. OVER DRIVING NAILS GREATLY REDUCES THE EFFECTIVENESS OF THE SHEARWALL.
 - FOR FRAMING SIZES REFER TO FRAMING PLANS.

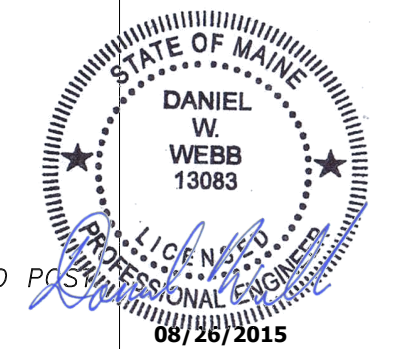
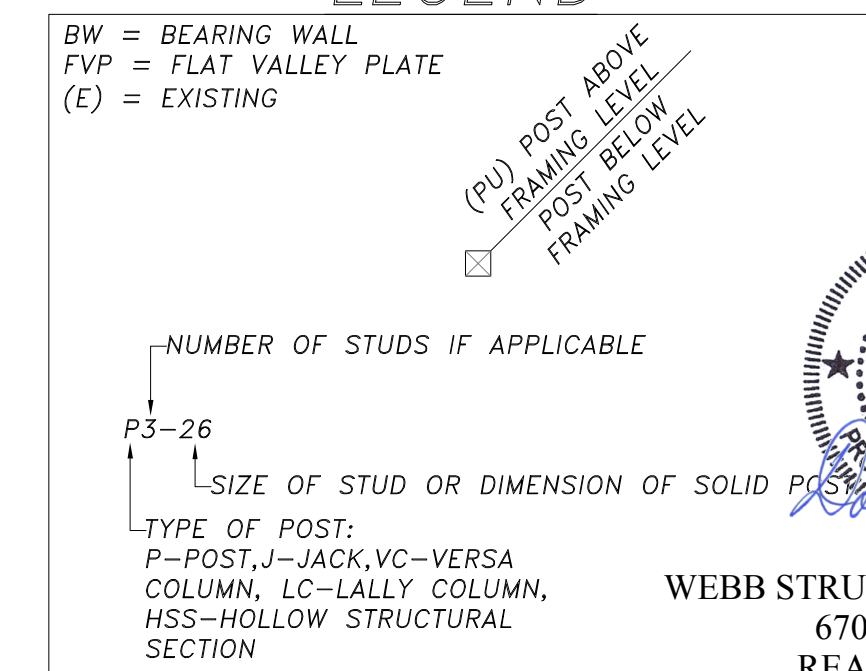
STRUCTURAL STEEL

- STRUCTURAL STEEL WORK SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION: "SPECIFICATION FOR STRUCTURAL STEEL FOR BUILDINGS", LATEST EDITION.
- STEEL WIDE FLANGE BEAMS SHALL CONFORM TO ASTM A992, WITH A MINIMUM YIELD STRENGTH OF 50 KSI. PLATES, ANGLES, CHANNELS, AND MISC. FABRICATED HARDWARE SHALL CONFORM TO ASTM A36, WITH A MINIMUM YIELD STRENGTH OF 36 KSI. RECTANGULAR STEEL TUBING SHALL CONFORM TO ASTM A500, GRADE B, WITH A MINIMUM YIELD STRENGTH OF 46 KSI.
- ALL STEEL TO STEEL FIELD CONNECTIONS SHALL BE MADE BY HIGH STRENGTH BOLTING WITH ASTM A325 BOLTS OR WELDING WITH E70 XX ELECTRODES. STEEL TO CONCRETE AND STEEL TO WOOD FIELD CONNECTIONS MAY BE MADE WITH ASTM A 307 BOLTS.
- STEEL SHALL BE SHOP-PAINTED WITH A MODIFIED ALKYD PRIMER UNLESS OTHERWISE NOTED.
-

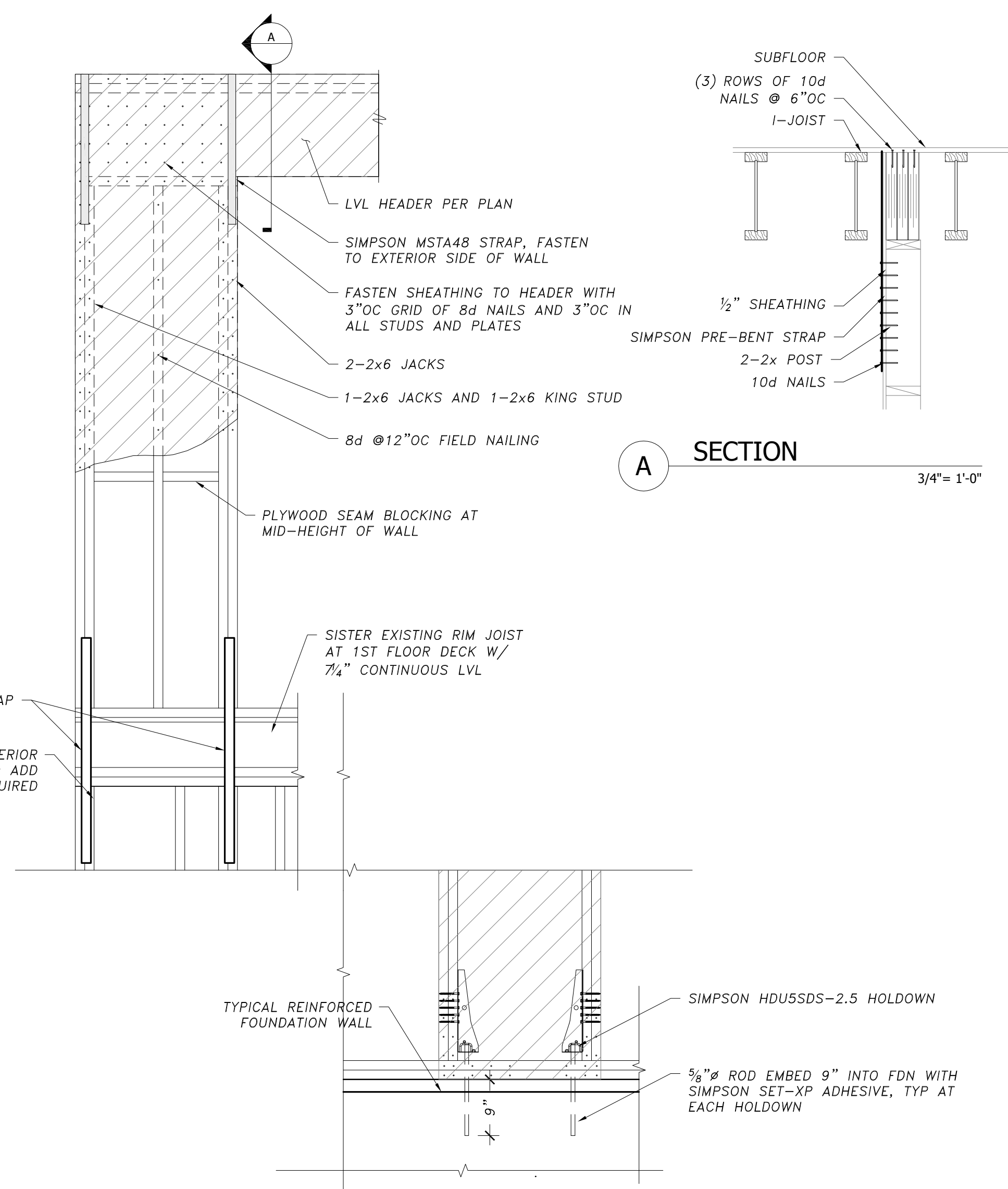
NOTES

- ALL INDIVIDUAL LVLS ARE 1 3/4" THICK UNLESS NOTED OTHERWISE ON PLAN.
- HEADERS ARE AS FOLLOWS UNLESS NOTED OTHERWISE:
 - 3-2x8
 - J1-2x8
- AT OVERFRAMED AREAS EXISTING ROOFING MATERIAL TO BE REMOVED TO ROOF SHEATHING.
- BEAMS COMPRISED OF 3 LVLS OR MORE SHALL BE BOLTED TOGETHER WITH A MINIMUM OF 2-1/2"Ø BOLTS AT 16" ON CENTER OR 3-1/4"Ø DIAMETER SELF TAPPING LAG SCREWS AT 16" ON CENTER, ALTERNATING INSERTION SIDES, FOLLOW MANUF. SPECS, UNLESS NOTED OTHERWISE ON DRAWING.
- BW DENOTES BEARING WALLS CONSISTING OF 2x6@16"OC WITH MID-HEIGHT BRACING.

LEGEND



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Ferester Residence
Peaks Island, Maine

SECOND-FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"

Date / Drawn by
08/25/15

Date / Revised by

JOB NO. 5790

S3

File Location: W:\PROJECTS\2015 PROJECTS\15218 - Ferester Residence\STRUCTURE\SECOND.DWG

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