

GENERAL NOTES

- 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.
- STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. CONSULT THESE DRAWINGS FOR LOCATIONS AND DIMENSIONS OF OPENINGS, CHASES 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 ARCHITECT 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, GUYS 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 ENGINEER.
- ALL APPLICABLE FEDERAL, STATE, AND MUNICIPAL REGULATIONS SHALL BE FOLLOWED, INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA).

SUBMITTALS

- THE CONTRACTOR SHALL SUBMIT COMPLETE SHOP DRAWINGS FOR ALL PARTS OF THE WORK, INCLUDING DESCRIPTION OF SHORING, AND CONSTRUCTION METHODS AND SEQUENCING WHERE APPLICABLE. NO PERFORMANCE OF THE WORK INCLUDING, BUT NOT LIMITED TO, SHORING AND DEMOLITION OF EXISTING STRUCTURE, OR FABRICATION OR ERECTION OF NEW STRUCTURAL ELEMENTS, SHALL COMMENCE WITHOUT REVIEW OF THE SHOP DRAWINGS BY THE ARCHITECT OR CONSTRUCTION MANAGER AND ENGINEER. SUBMIT THREE (3) COPIES. ONE (1) COPY WILL BE RETAINED AND TWO (2) WILL BE RETURNED. CONTRACTOR SHALL ALLOW 10 WORKING DAYS FOR REVIEW.
- REQUIRED SUBMITTALS SHALL INCLUDE:

STRUCTURAL STEEL FRAMING FABRICATION DRAWINGS

DESIGN LOADS

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

OFFICE	65 PSF(50+15 PARTITION)
STAIRS	100 PSF
CORRIDORS	80 PSF
- WIND, SNOW, AND SEISMIC LOADS ARE UNCHANGED. WORK IS LIMITED TO PORTION OF ONE INTERIOR LEVEL. PER IEBC, IMPACTS TO SEISMIC FORCES ARE LESS THAN ALLOWED THRESHOLD AND A SEISMIC UPGRADE OF THE STRUCTURE IS NOT REQUIRED.

STRUCTURAL STEEL NOTES

- 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.
- 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)
- ALL STEEL SHALL BE FABRICATED AND SHIPPED AS PRIMED STEEL. PRIME WITH THE FABRICATOR'S RUST INHIBITIVE PRIMER, TNEMEC 10-99 OR EQUAL. COORD FIELD TOP COAT WITH ARCHITECT.
- PROVIDE ALL ANGLES, PLATES, ANCHORS, BOLTS, ETC., SHOWN ON ARCHITECTURAL DRAWINGS.

TIMBER NOTES

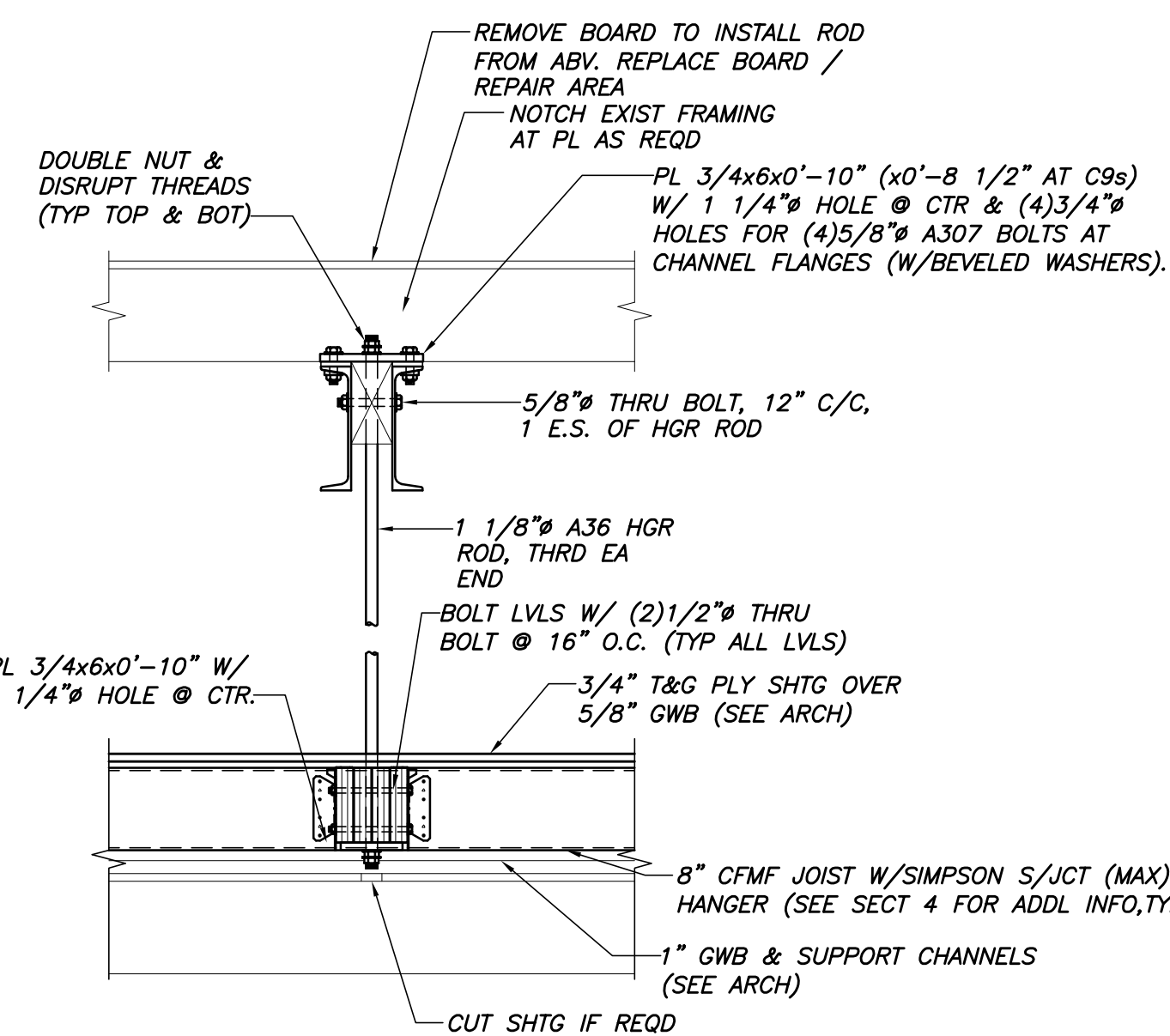
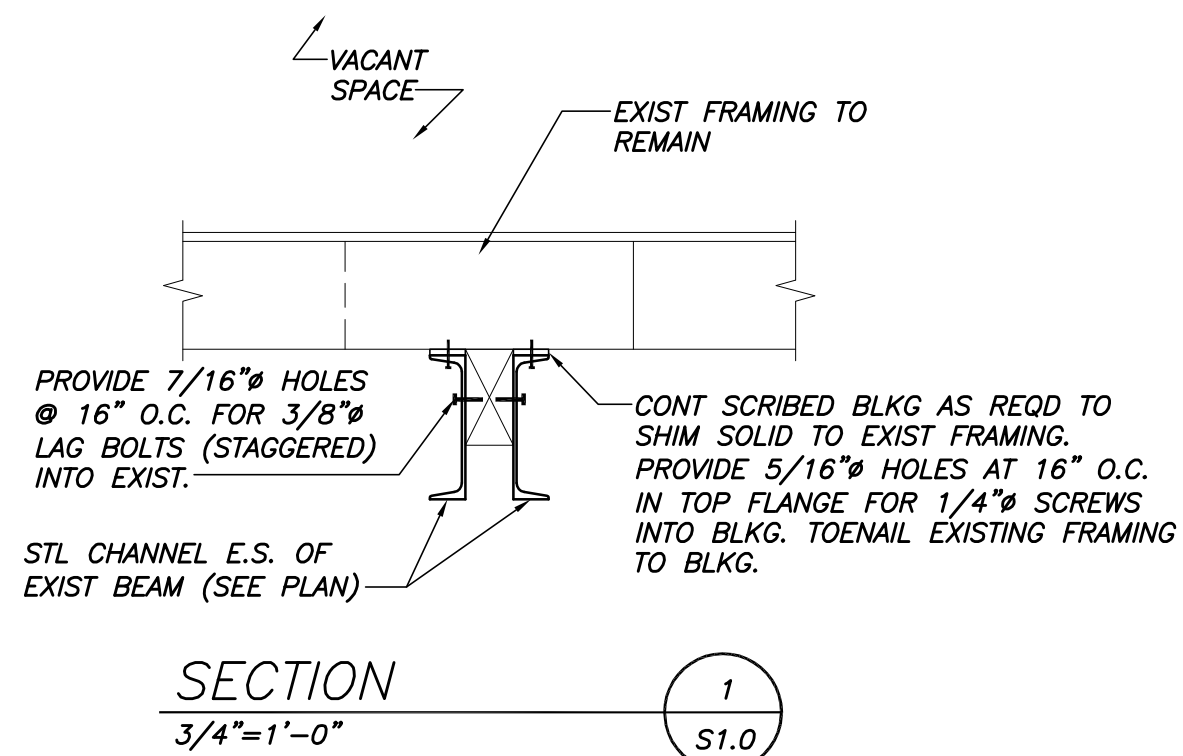
- ALL TIMBER FRAMING SHALL BE IN ACCORDANCE WITH THE AITC TIMBER CONSTRUCTION MANUAL - LATEST EDITION, AND THE AF & PA NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS) LATEST EDITION.
- INDIVIDUAL TIMBER FRAMING MEMBERS SHALL BE VISUALLY GRADED. MINIMUM GRADE NO1/NO2 SPRUCE-PINE-FIR KILN DRIED TO 19% MAXIMUM MOISTURE CONTENT UNLESS OTHERWISE INDICATED ON THE DRAWINGS. PROVIDE ROUGH SAWN EWP / HEMLOCK FRAMING WHERE INDICATED.
- 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-LOIST: PARALLAM (PSL), MICROLAM (LVL),
BOISE: I-JOIST (BC), VERSALAM (LVL)
- SUBSTITUTIONS OF ENGINEERED WOOD MATERIALS OTHER THAN THOSE SPECIFIED WILL BE 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.
- 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 AWP C-18. ACZA IS STRICTLY PROHIBITED.
- FLOOR SHEATHING SHALL BE 3/4" APA RATED TONGUE AND GROOVE PANELS. GLUE AND SCREW TO FLOOR FRAMING WITH #8 SCREWS AT 6" O.C. AT SUPPORTED PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. PROVIDE 1x ROUGH SAWN PINE EWP BOARDS WHERE INDICATED NAILED W/ 8D RING SHANK NAILS.
- FASTENING NOT SPECIFIED SHALL CONFORM WITH IBC TABLE. 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:

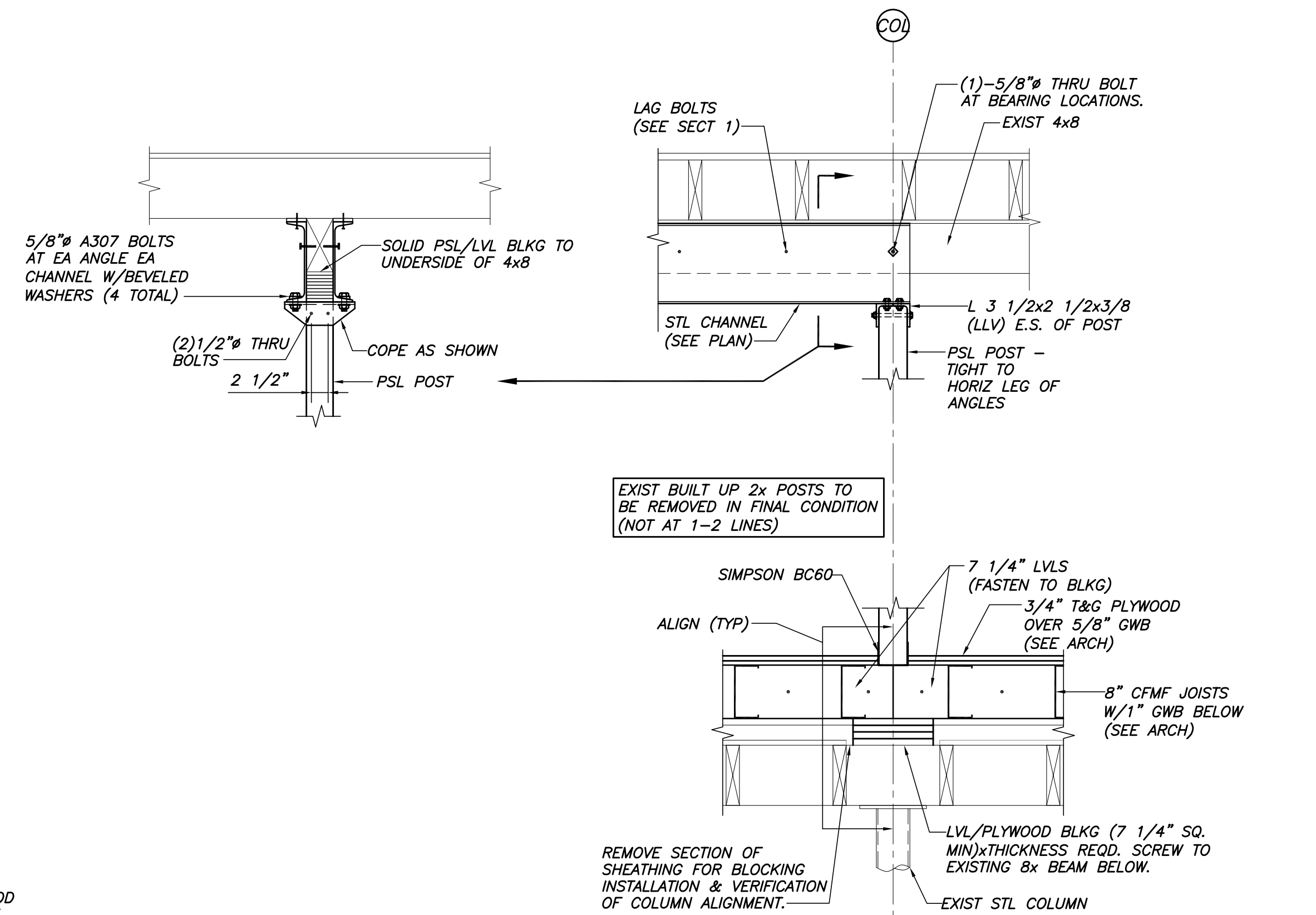
6d:	2" LONG BY 0.113" DIAMETER SHANK WITH 0.266" DIAMETER HEAD
8d:	2 3/4" LONG BY 0.131" DIAMETER SHANK WITH 0.281" DIAMETER HEAD
10d:	3" LONG BY 0.148" DIAMETER SHANK WITH 0.312" DIAMETER HEAD
12d:	3 1/4" LONG BY 0.148" DIAMETER SHANK WITH 0.312" DIAMETER HEAD
16d:	3 3/4" LONG BY 0.162" DIAMETER SHANK 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
- ALL TIMBER CONNECTION HARDWARE (JOIST HANGERS, POST BASES, ETC) SHALL BE AS INDICATED ON THE DRAWINGS AND MANUFACTURED BY SIMPSON STRONG-TIE. ALL CONNECTION HARDWARE SHALL BE GALVANIZED G-90 (U.N.O.). CONNECTION HARDWARE USED IN CONTACT WITH PRESERVATIVE TREATMENT SHALL BE GALVANIZED C185 (ZMAX) USE FASTENERS AND HANGERS OF SAME MATERIAL & COATING. REFER TO MANUFACTURER'S LITERATURE FOR PROPER HANDLING AND INSTALLATION GUIDELINES.

COLD FORMED FRAMING NOTES:

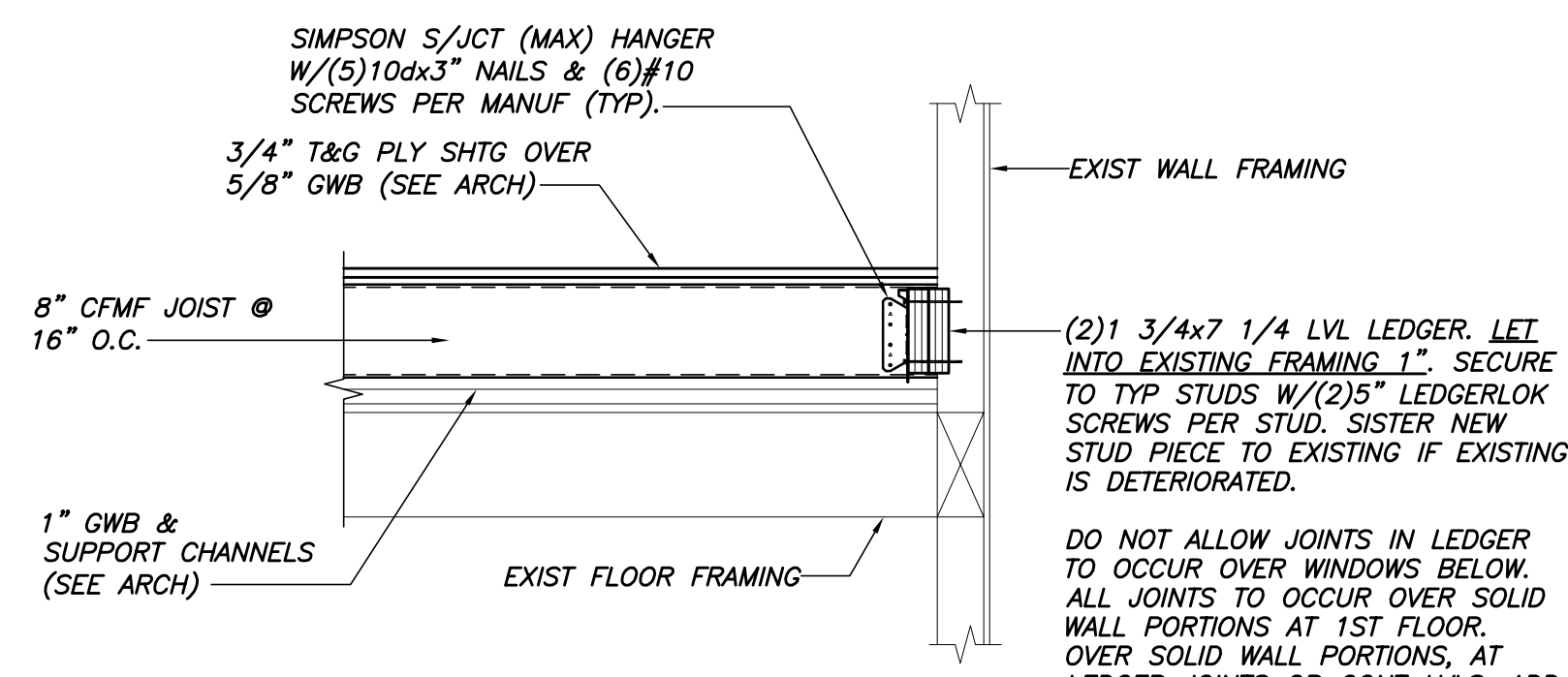
- PRODUCTS AND INSTALLATION SHALL MEET THE REQUIREMENTS OF AISI SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS, LATEST EDITION & SUPPLEMENT, ASTM 653 STANDARD SPECIFICATION FOR SHEET STEEL, ZINC (GALVANIZED) OR ZINC-IRON ALLOY-COATED (GALVANNEAL) BY THE HOT DIP PROCESS AND ASTM C 955 STANDARD SPECIFICATION FOR LOAD BEARING JOISTS, BRACING AND BRIDGING, FOR SCREW APPLICATION OF GYPSUM BOARD AND METAL PLASTER BASES.
- FRAMING MATERIALS SHALL BE AS INDICATED ON THE DRAWINGS AS MANUFACTURED BY DIETRICH INDUSTRIES, INC. 500 GRANT ST., SUITE 2226, PITTSBURGH, PA. 15219, (412) 281-2805. APPROVED EQUALS WILL BE CONSIDERED.
- ALL GALVANIZED JOISTS, BRIDGING AND ACCESSORIES SHALL BE FORMED FROM STEEL HAVING A G-60 COATING MEETING ASTM C 955.
- JOIST BLOCKING SHALL BE PROVIDED TO BRACE JOISTS AGAINST ROTATION. INSTALL BLOCKING WHERE SHOWN ON DRAWINGS. COPE TO NEST TO JOIST WEB. CONNECT WITH 1 1/2"x1 1/2" x 5" CLIP ANGLES.
- SCREWS SHALL BE SELF DRILLING, SELF TAPPING, ZINC COATED AND NOT LESS THAN #10, U.N.O.
- SCREW PENETRATION THROUGH JOINED MATERIALS SHALL NOT BE LESS THAN THREE EXPOSED SCREW THREADS.
- PROTECTIVE COATINGS ON SCREW FASTENERS SHALL BE COMPATIBLE WITH LIGHT GAUGE MATERIAL BEING JOINED.
- CONTRACTOR SHALL REFER TO INSTALLATION INSTRUCTIONS PUBLISHED BY THE SCREW MANUFACTURER AND ASTM C954 FOR MINIMUM SPACING AND EDGE DISTANCE REQUIREMENTS AND TORQUE REQUIREMENTS.
- POWDER ACTUATED FASTENERS REQUIRE PRE-APPROVAL BY ENGINEER.
- CUTTING OF COLD FORMED STEEL FRAMING SHALL BE BY SAW, SHEAR OR PLASMA CUTTING EQUIPMENT. OXYACETYLENE TORCH CUTTING IS NOT PERMITTED.
- TEMPORARY BRACING SHALL BE PROVIDED AND REMAIN IN PLACE UNTIL WORK IS PERMANENTLY STABILIZED.
- SPLICING OF FRAMING COMPONENTS, OTHER THAN TRACK, IS NOT PERMITTED.



SECTION 3
3/4"=1'-0"



SECTION 2
3/4"=1'-0"



SECTION 4
3/4"=1'-0"

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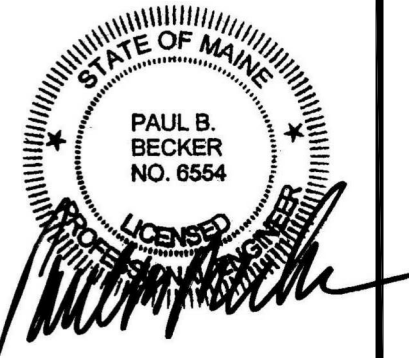
GENERAL NOTES:

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Project Status:
ISSUE FOR PERMIT
Project Number:
ALA0910



Project Title:
**1 COMMERCIAL STREET
SECOND FLOOR
TENANT FIT-OUT**
1 COMMERCIAL ST.
PORTLAND, ME.

Drawing Name:
GENERAL NOTES & SECTIONS

Scale:
3/16" = 1'-0"

Date:
2/3/12

SHEET

S-1.1