

GENERAL NOTES

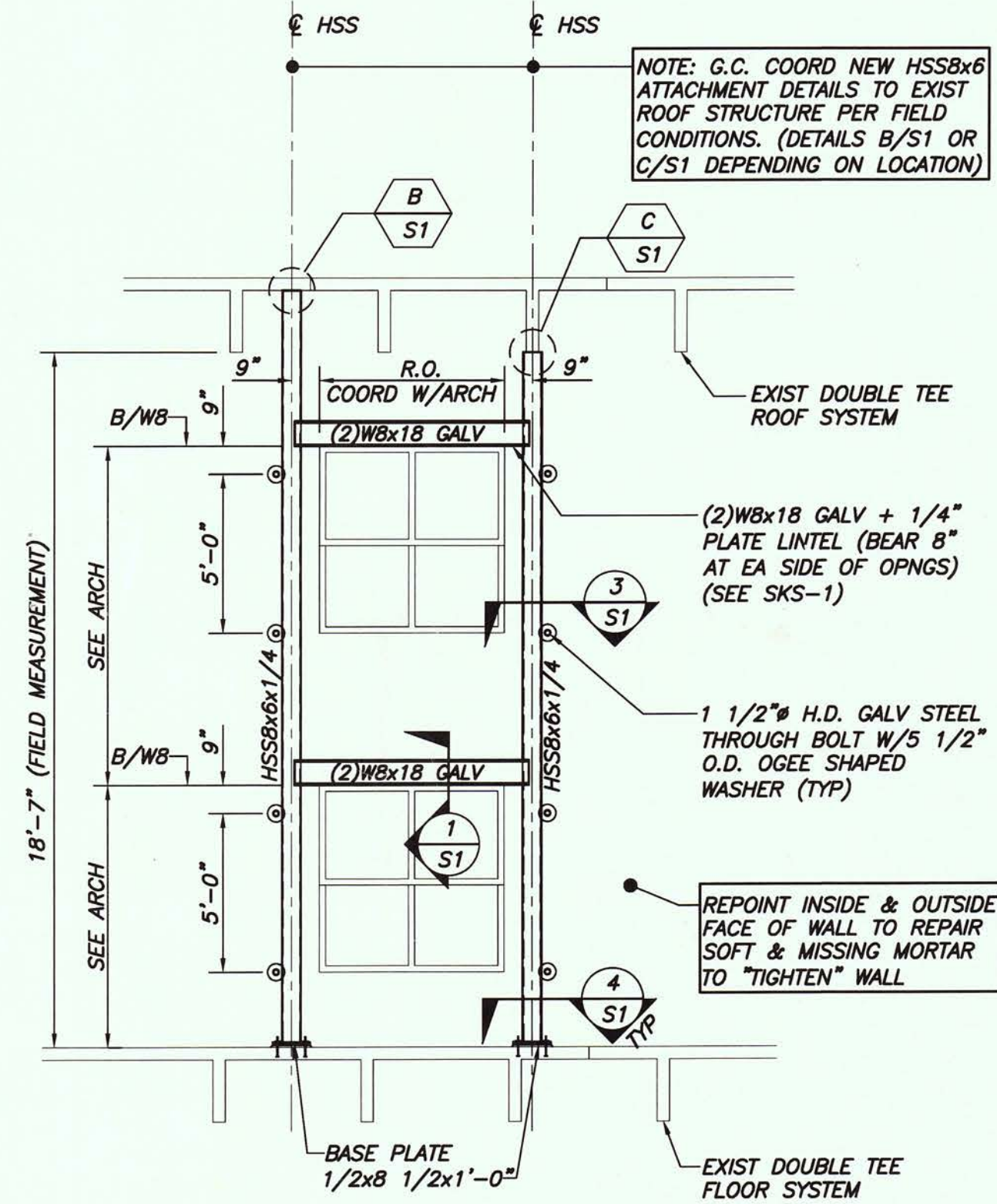
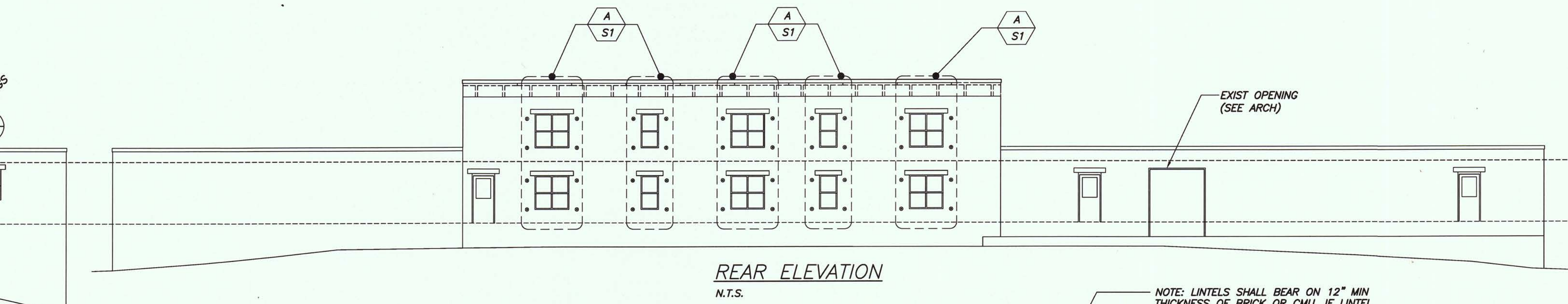
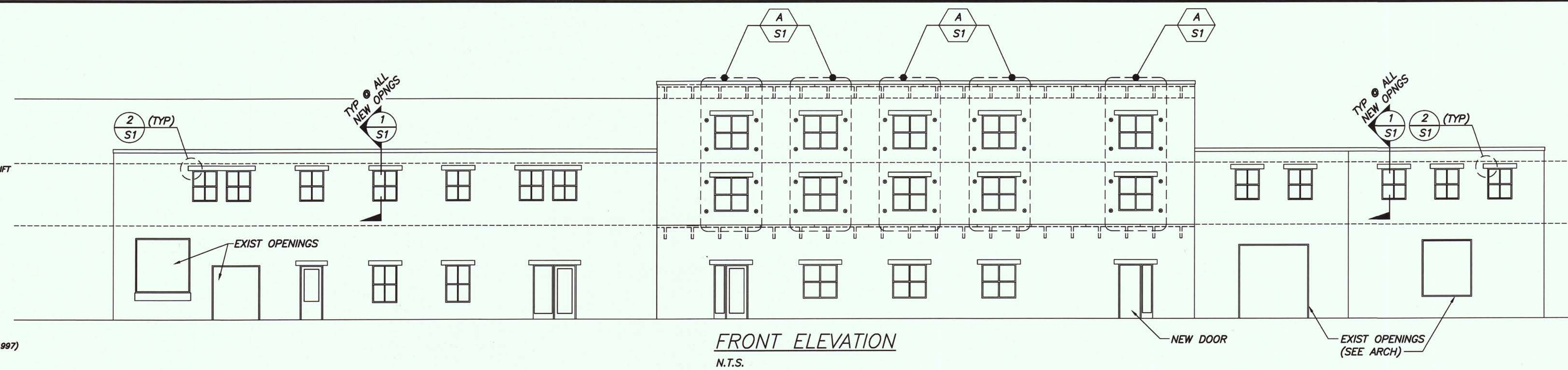
- THE FOLLOWING NOTES ARE INTENDED TO BE USED AS OUTLINED SPECIFICATIONS FOR THIS PROJECT. THE REFERENCED STANDARDS ARE CONSIDERED TO BE PART OF THE WORK.
- STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR LOCATIONS AND DIMENSIONS OF OPENINGS, CHASES, INSERTS, REGLES, 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 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 S-DRAWINGS IS COMPLETED. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO INSURE 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 ARCHITECT.
- 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, DEMOLITION OF EXISTING STRUCTURE, OR FABRICATION OR ERECTION OF NEW STRUCTURAL ELEMENTS, SHALL COMMENCE WITHOUT REVIEW OF THE SHOP DRAWINGS BY THE ARCHITECT AND ENGINEER. SUBMIT THREE COPIES FOR ENGINEER REVIEW. TWO COPIES WILL BE RETURNED. CONTRACTOR SHALL ALLOW FOR WORKING BAYS FOR REVIEW. REQUIRED SUBMITTALS INCLUDE STRUCTURAL STEEL FABRICATION DRAWINGS.
- ALL APPLICABLE FEDERAL, STATE, AND MUNICIPAL REGULATIONS SHALL BE FOLLOWED, INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.
- AT ALL EXISTING OPENINGS IN BRICK WALLS WHERE NEW WINDOWS/DOORS WILL NOT BE INSTALLED, INFILL OPENINGS WITH BRICK TO MATCH EXISTING.
- REMOVE ALL DAMAGED/BURNED WOOD HEADERS IN EXISTING WALLS AND REPLACE WITH NEW STEEL HEADERS AS SHOWN IN SECTION 1.

DESIGN LOADS

- BUILDING CODE:** INTERNATIONAL BUILDING CODE, 2006 EDITION ASCE 7-05 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES.
- DESIGN FLOOR LIVE LOADS:** 50 PSF + 15 PSF PARTITION LOAD
- DESIGN ROOF SNOW LOAD:** GROUND SNOW LOAD (Pg): 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): 46.2 PSF + DRIFT
- DESIGN WIND LOAD:** BASIC WIND SPEED: 100 mph
WINDWARD IMPORTANCE FACTOR (I_w): 1.0
WIND EXPOSURE: B
INTERIOR PRESSURE COEFFICIENT: COMPONENTS & CLADDING LOADS PER ASCE 7-05

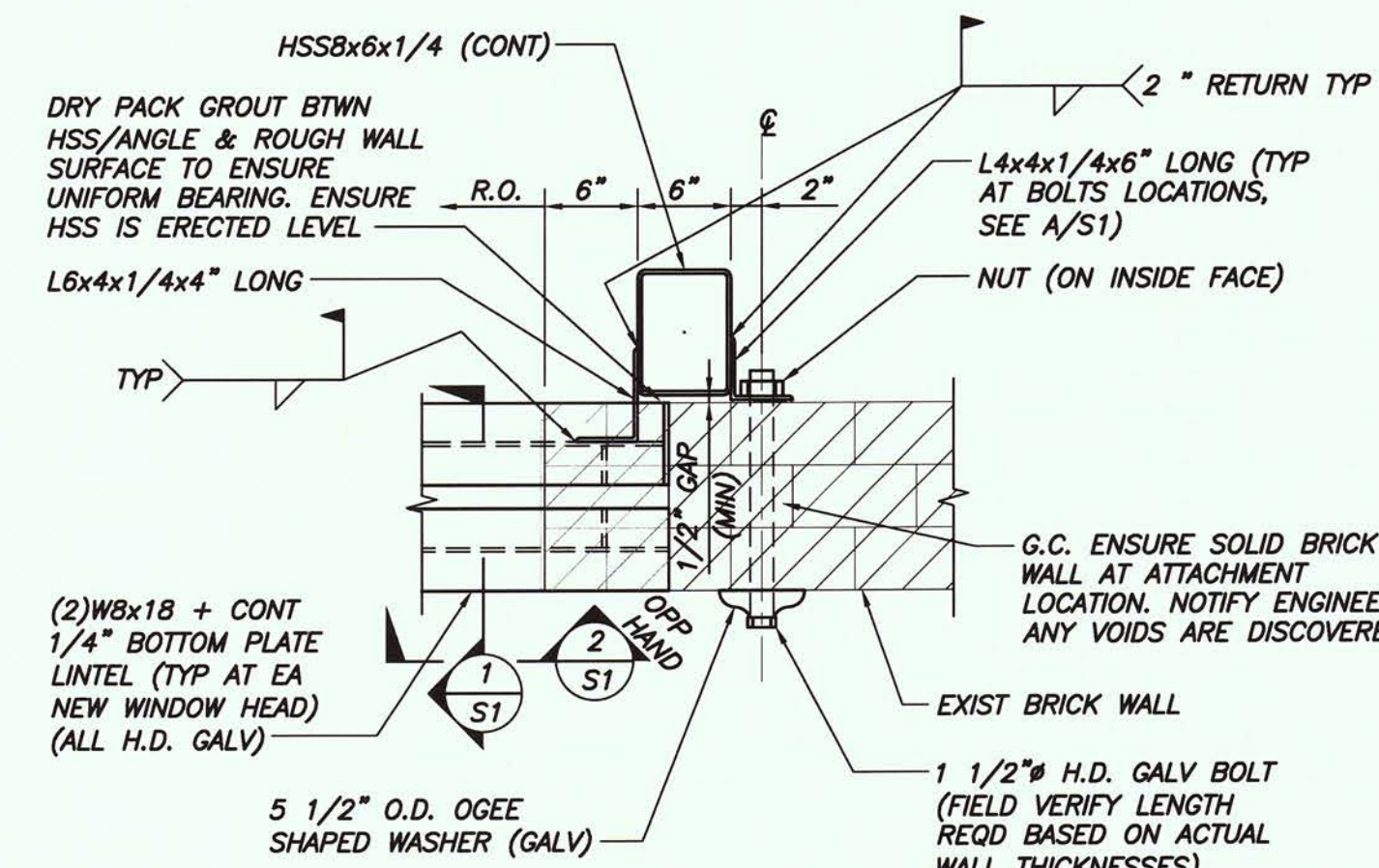
STRUCTURAL STEEL NOTES

- STRUCTURAL STEEL FABRICATION, ERECTION, AND CONNECTION DESIGN SHALL CONFORM TO AISC "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL" 9TH EDITION, AND THE "CODE OF STANDARD PRACTICE, LATEST EDITION."
- STRUCTURAL STEEL: STEEL PLATES, SHAPES, AND BARS, 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)
- STRUCTURAL TUBING: CONFORM TO ASTM A500 GRADE B46 KSI.
- WHERE WELDING IS INDICATED, ALL WELDING SHALL CONFORM TO AWS D1.1 - LATEST EDITION. ELECTRODES SHALL BE CONFORM TO AWS A5.1 E70XX SERIES WITH PROPER ROD TO PRODUCE OPTIMUM WELD (LOW HYDROGEN).



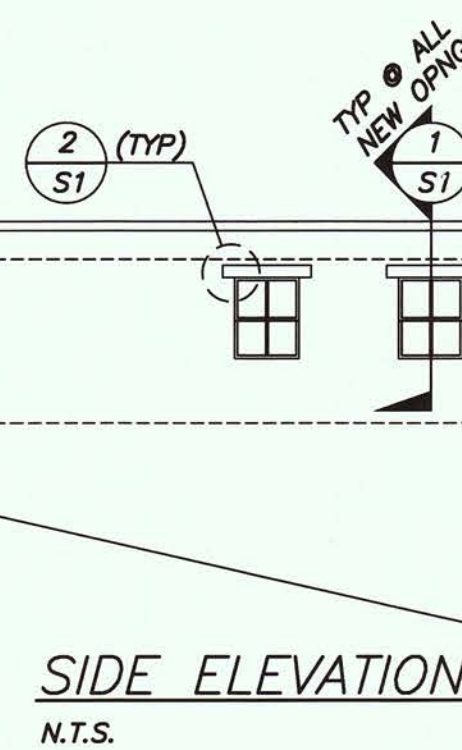
BRICK WALL VERTICAL STEEL REINFORCEMENTS A
1/4"=1'-0" S1

REINFORCEMENTS TYPICAL AT ALL NEW WINDOWS AT SECOND LEVEL OF CENTRAL BRICK BUILDING, FRONT & REAR ELEVATIONS

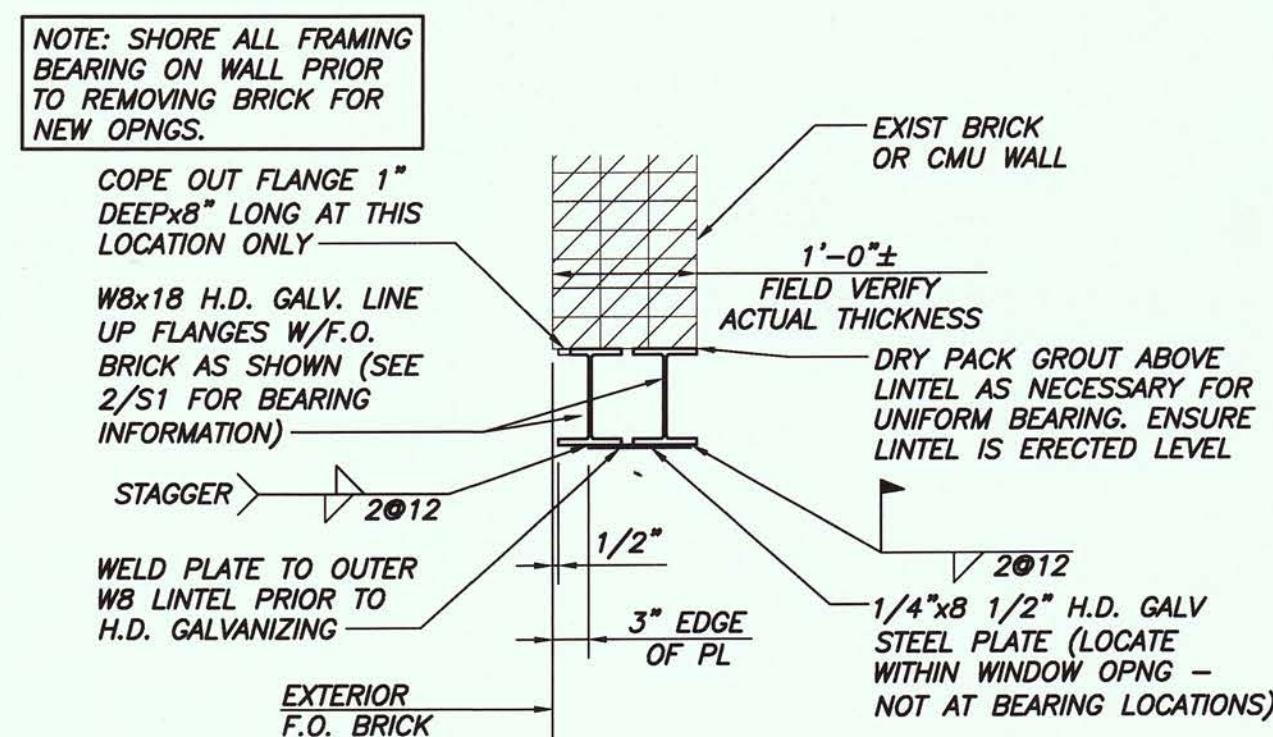


VERTICAL STEEL REINFORCEMENT PLAN 3
1"=1'-0" S1

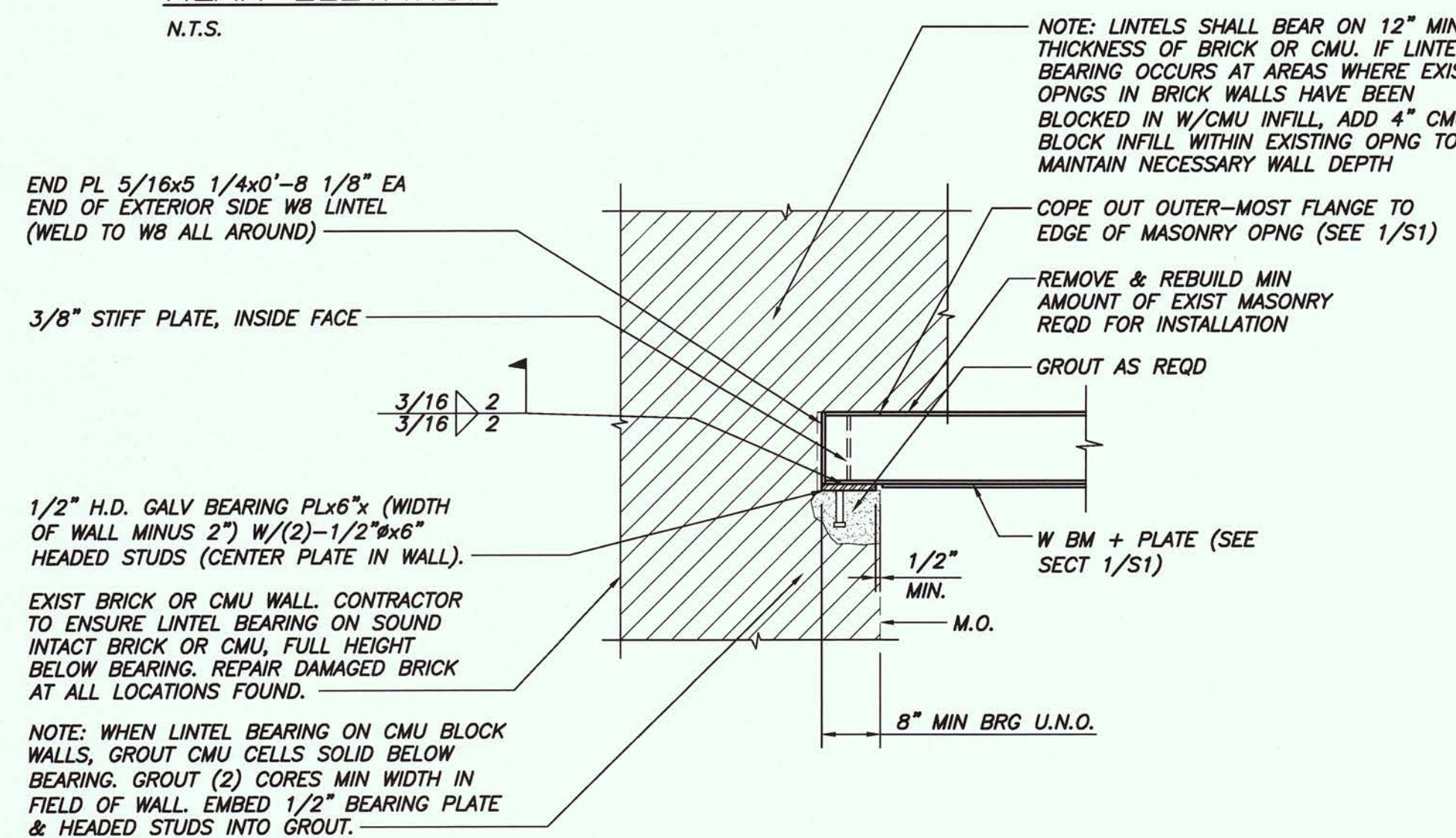
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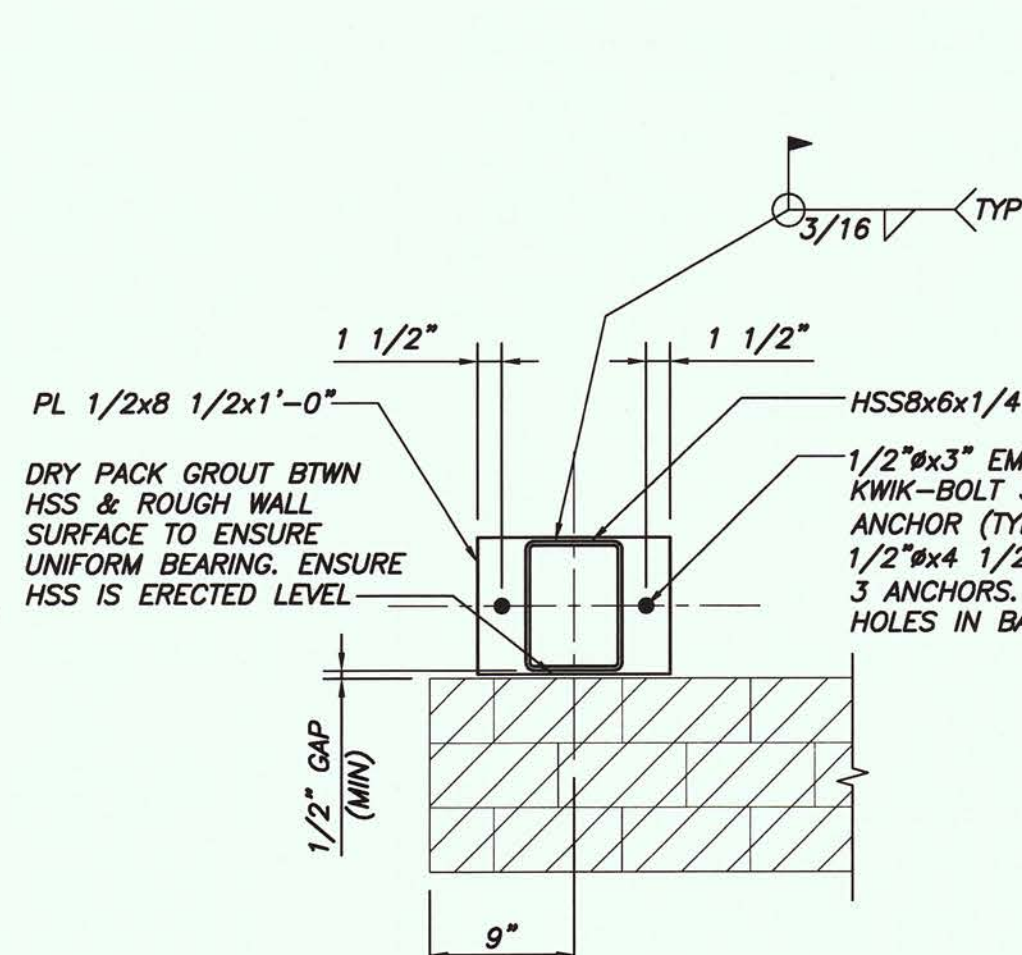
SIDE ELEVATION N.T.S.



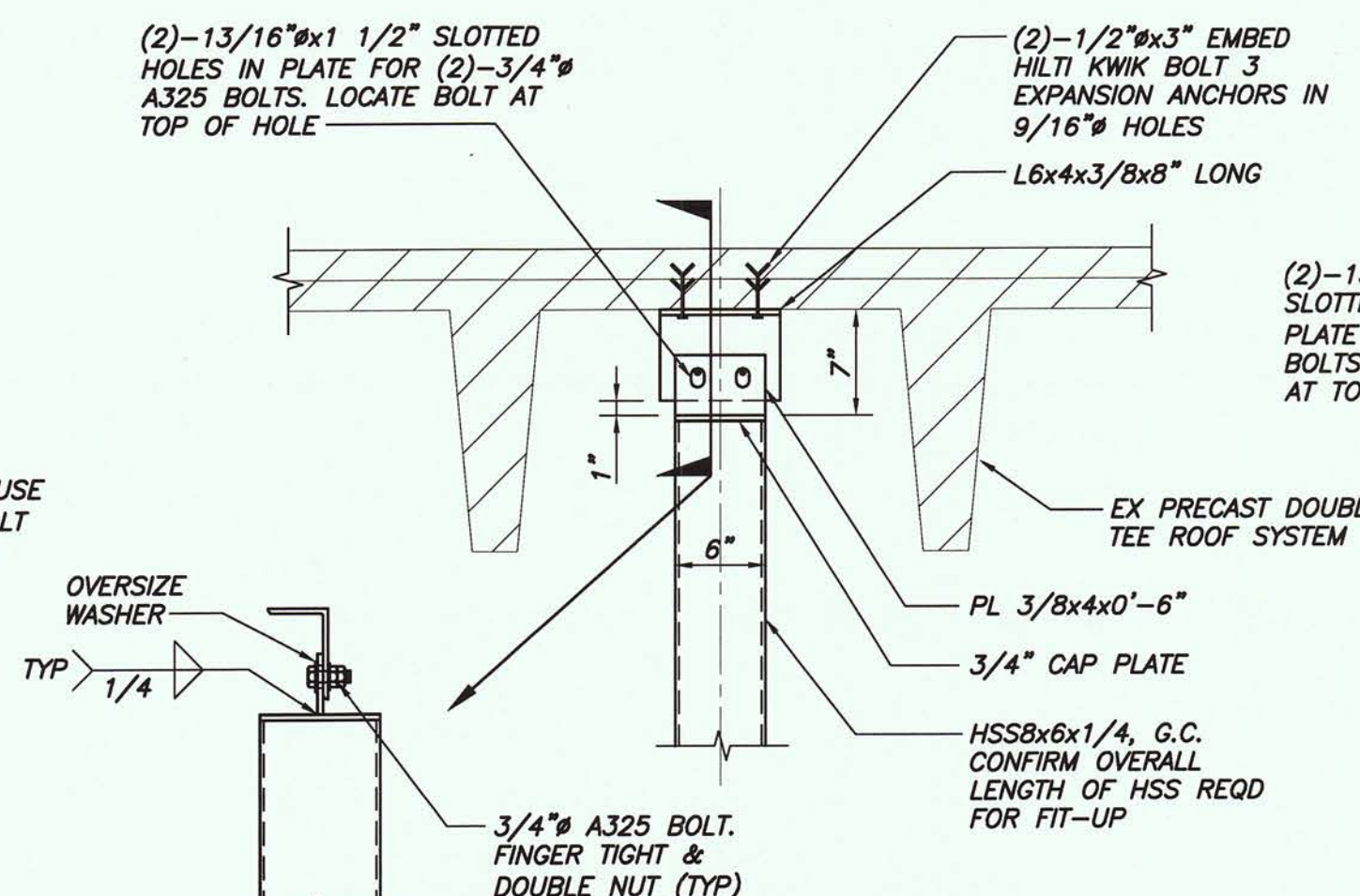
SECTION @ NEW STEEL LINTEL 1
NOTE: NEW LINTEL REQD AT ALL NEW WINDOW & DOOR OPENINGS S1



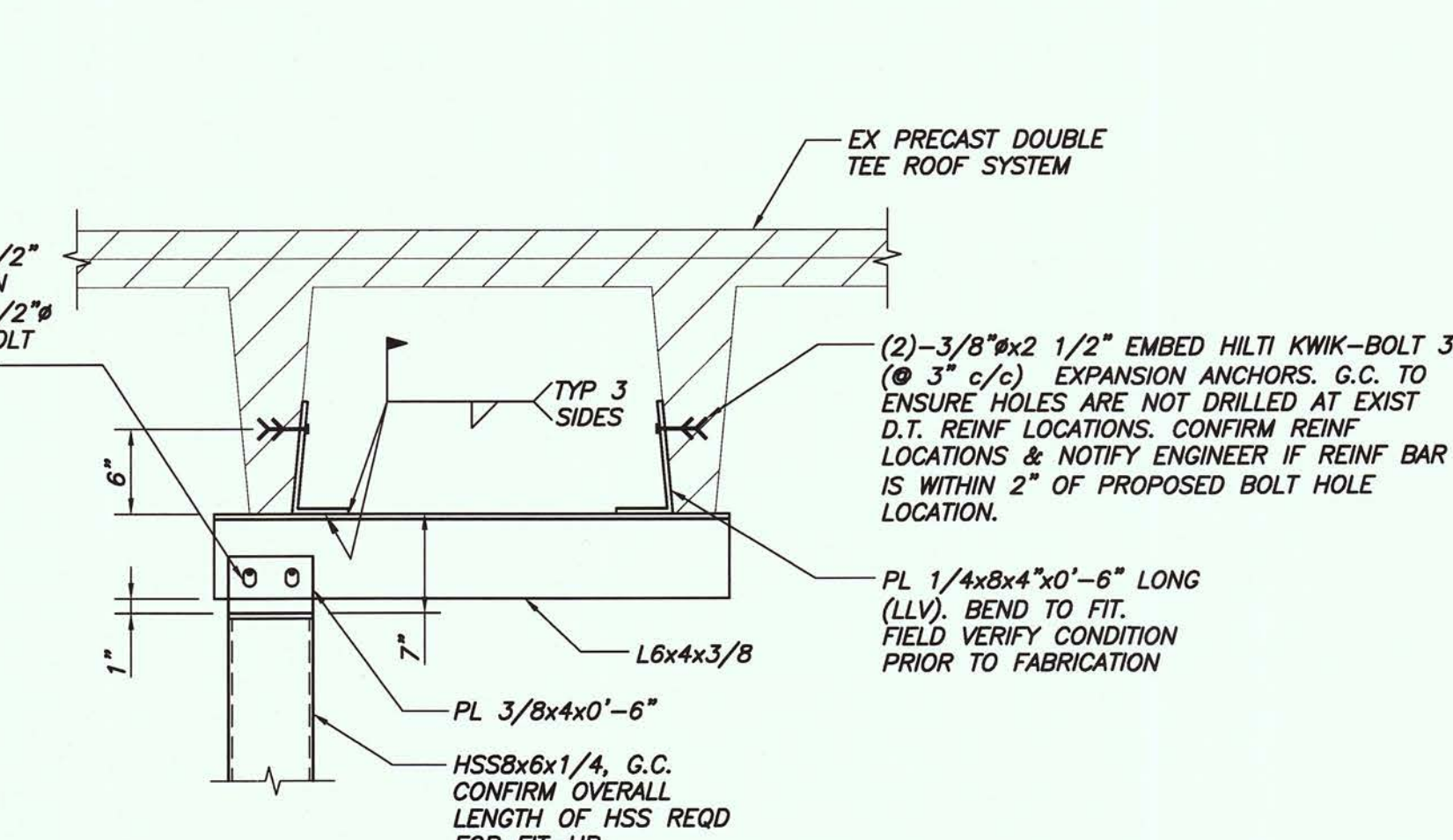
TYP LINTEL DETAIL 2
N.T.S. S1



BASE PLATE PLAN DETAIL 4
1"=1'-0" S1



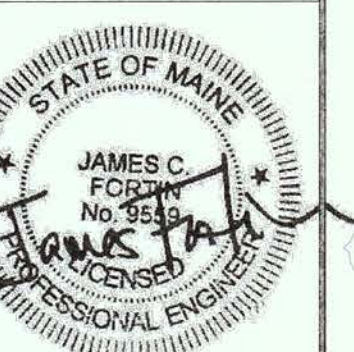
DETAIL B
N.T.S. S1



DETAIL C
N.T.S. S1

FOR CONSTRUCTION
8/19/08

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Approved	
Issued For	
Date	
Rev. No	

219 ANDERSON ST
PORTLAND, MAINE

ELEVATIONS, SECTIONS, & DETAILS

Designed	JCF	Scale	NOTED
Drawn	MCN	Date	8/19/08
Checked	PBB	Becker Job Number	1767

S1