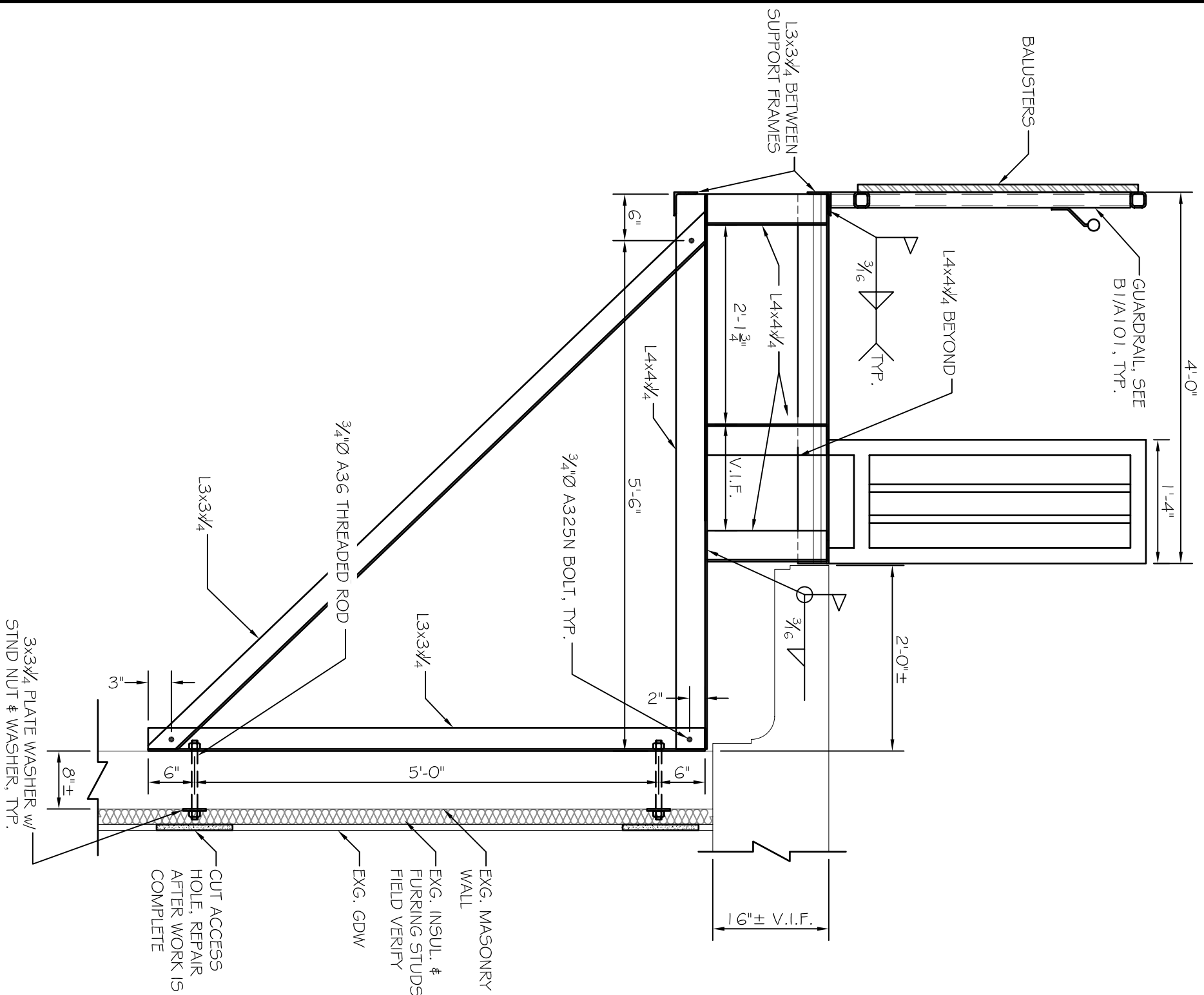


C4 3rd FLOOR LANDING PLAN
SCALE: 1"=1'-0"

STRUCTURAL STEEL NOTES

PART 1 - GENERAL

- 1.00 STANDARD SPECIFICATIONS
 - A. FABRICATION, ERECTION, AND WELDING: IN ACCORDANCE WITH THE SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS, ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN ADOPTED JUNE 1989, INCLUDING ALL PUBLISHED SUPPLEMENTS, A.I.S.C.
 - B. WELDING: IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY STRUCTURAL WELDING CODE, AWS D1.1, LATEST EDITION.
 - C. BOLTING OF STRUCTURAL JOINTS SHALL BE IN ACCORDANCE WITH AISC SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS, LATEST EDITION.
 - 1.01 QUALIFICATIONS
 - A. WELDING PROCEDURES, WELDERS, WELDING OPERATIONS AND TACKING, QUALIFIED IN ACCORDANCE WITH AWS CODE.
 - 1.02 SUBMITTALS
 - A. SUBMIT FOUR (4) SETS OF SHOP DRAWING PRINTS FOR REVIEW, INDICATE SHOP AND ERECTION DETAILS, INCLUDING CUTS, COFFERS, CONNECTIONS, HOLES, THREADED FASTENERS, AND WELDS.
 - B. PROVIDE SETTING DRAWINGS, TEMPLATES AND DIRECTIONS FOR THE INSTALLATION OF ANCHOR BOLTS AND OTHER DEVICES.
 - 1.03 PRODUCT HANDLING
 - A. STORE STRUCTURAL STEEL MEMBERS AT THE PROJECT SITE ABOVE GROUND ON PLATFORMS, SKIDS, OR OTHER SUPPORTS.
 - B. PROTECT STEEL FROM CORROSION.
 - PART 2 - PRODUCTS
 - 2.01 MATERIALS
 - A. STRUCTURAL STEEL BEAMS, CHANNELS, AND T-SHAPES, ASTM A992.
 - B. STEEL ANGLES, BARS, AND FLATES - ASTM A-36.
 - C. STRUCTURAL TUBES AND COLUMNS - ASTM A500, GRADE B.
 - D. STRUCTURAL PIPE - ASTM A53, TYPE E, GRADE B, SCHEDULE 40.
 - E. HIGH STRENGTH BOLTS 3/4" ASTM A-325, TYPE 1 OR 2 GALVANIZED.
 - F. ANCHOR BOLTS - ASTM A-307, GRADE A GALVANIZED.
 - G. WELDING TO BE PERFORMED WITH E70XX 70 ksi ELECTRODES.
 - PART 3 - EXECUTION
 - 3.01 FABRICATION
 - A. FABRICATE STRUCTURAL STEEL IN ACCORDANCE WITH THE REQUIREMENTS OF THE DRAWINGS AND THIS SECTION OF THE SPECIFICATIONS.



C3 SECTION AT ROOF LANDING FRAME
SCALE: 3/4"=1'-0"

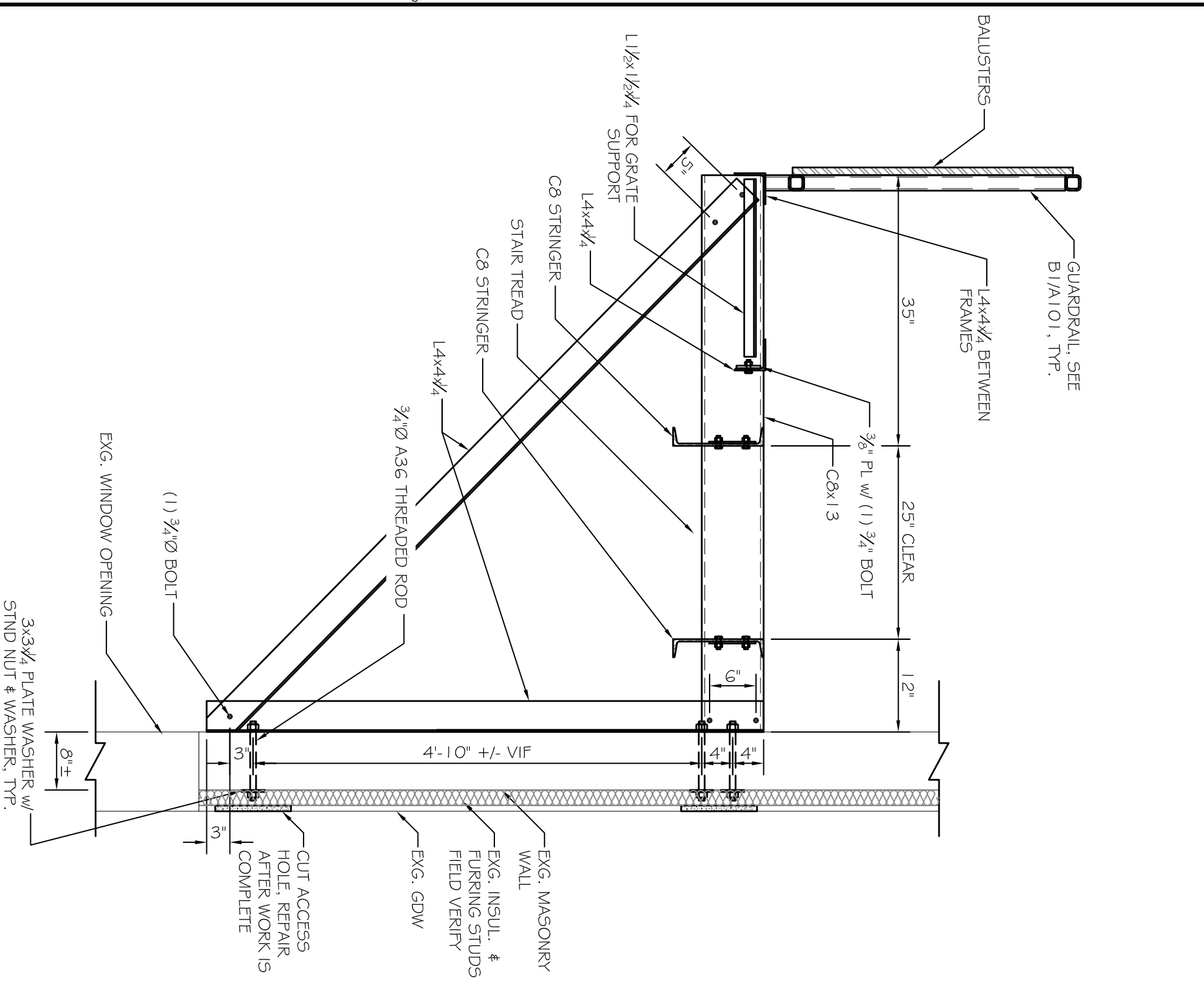
STRUCTURAL STEEL NOTES, CONT.

3.02 ERECTION

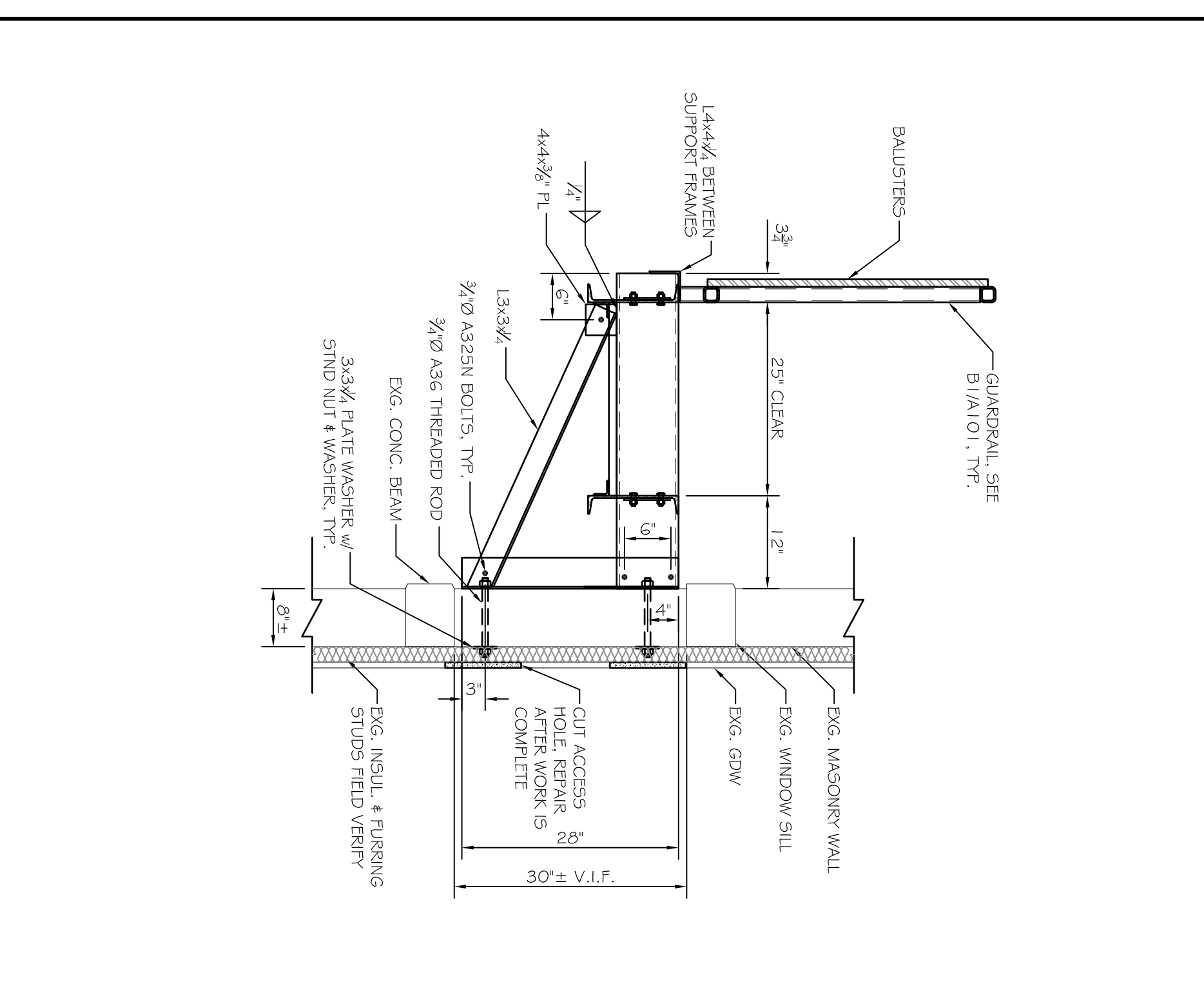
- A. THE STRUCTURAL METAL SHALL BE ERECTED PLUMB AND TRUE TO THE LINES AND EVALUATIONS INDICATED ON THE DRAWINGS.
- B. ERECTION TOLERANCES SHALL BE WITHIN THE LIMITS SPECIFIED IN SECTION 7.11.1 OF THE AISC CODE OF STANDARD PRACTICE.
- C. TEMPORARY CONNECTIONS SHALL BE ADEQUATE TO SAFELY SUPPORT ALL DEAD LOAD AND ERECTION IMPOSED STRESSES.
- D. TEMPORARY BRACING SHALL BE PROVIDED WHEREVER NECESSARY TO HOLD THE STEEL IN A HORIZONTAL AND VERTICAL PLANE UNTIL PERMANENT BOLTING HAS BEEN COMPLETED.
- E. BOLTS SHALL BE INSTALLED IN PROPERLY ALIGNED HOLES AND BROUGHT TO SNUG TIGHT CONDITION. ALL PILES OF BOLTS IN FIRM CONTACT, IN ACCORDANCE WITH SECTION 8.4.1 OF THE AISC SPECIFICATION OF SECTION 1.01.C OF THIS SPECIFICATION.
- F. ENLARGEMENT OF HOLES BY BURNING WITH A TORCH SHALL NOT BE ALLOWED. ALL STEEL WITH BURNT HOLE ENLARGEMENTS SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

1. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF ALL APPLICABLE STATE AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO:
 - INTERNATIONAL BUILDING CODE 2003 ED
 - ANSI-ASCE 7-02
 - ACI 318-02 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE"
 - ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS"
 - AISC STEEL CONSTRUCTION MANUAL
 - SIS1 COLD FORMED STEEL DESIGN MANUAL
 - ANSI/AIAA NDS-2001
2. STAR DESIGN LOADS: SNOW LOAD
LIVE LOAD
DEAD LOAD
3. WIND LOADS:
BASED ON WIND SPEED OF 100 MPH, 28 PSF COMPONENTS AND CLADDING.
4. CONTRACTOR SHALL BRING TO THE ATTENTION OF THE ENGINEER ANY CONDITIONS DIFFERENT FROM THOSE SHOWN ON THE DRAWINGS AND ALSO ANY CONDITIONS THAT PREVENT THE CONTRACTOR'S COMPLETION OF THE WORK AS SHOWN ON THE CONSTRUCTION DRAWINGS.
5. ALL WORK SHALL BE PERFORMED BY PERSONS QUALIFIED IN THEIR TRADE AND LICENSED TO PRACTICE SUCH TRADE IN THE STATE IN WHICH THE PROJECT IS LOCATED.
6. THESE DRAWINGS SHALL BE USED IN CONJUNCTION WITH ANY ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS, IN ADDITION TO SPECIFICATIONS, AND ANY SHOP DRAWINGS PROVIDED BY SUBCONTRACTORS AND SUPPLIERS.
7. ALL DIMENSIONS, ELEVATIONS, AND CONDITIONS SHALL BE VERIFIED IN THE FIELD BY GENERAL CONTRACTOR (G.C.) AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR CLARIFICATION BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
8. UNLESS OTHERWISE NOTED, DETAILS, SECTIONS, AND NOTES SHOWN ON ANY DRAWING SHALL BE CONSIDERED TYPICAL FOR ALL SIMILAR DETAILS.
10. ALL SHOP DRAWINGS PROVIDED BY OTHERS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION OF MATERIAL OR THE PURCHASE OF EQUIPMENT. THE ENGINEER'S REVIEW IS THE RESPONSIBILITY OF THE CONTRACTOR'S RESPONSIBILITY.
11. SUBMITTANT MANUFACTURER DATE FOR PROPOSED RUST-INHIBITIVE PAINT AND PRIMER.

GENERAL STRUCTURAL NOTES

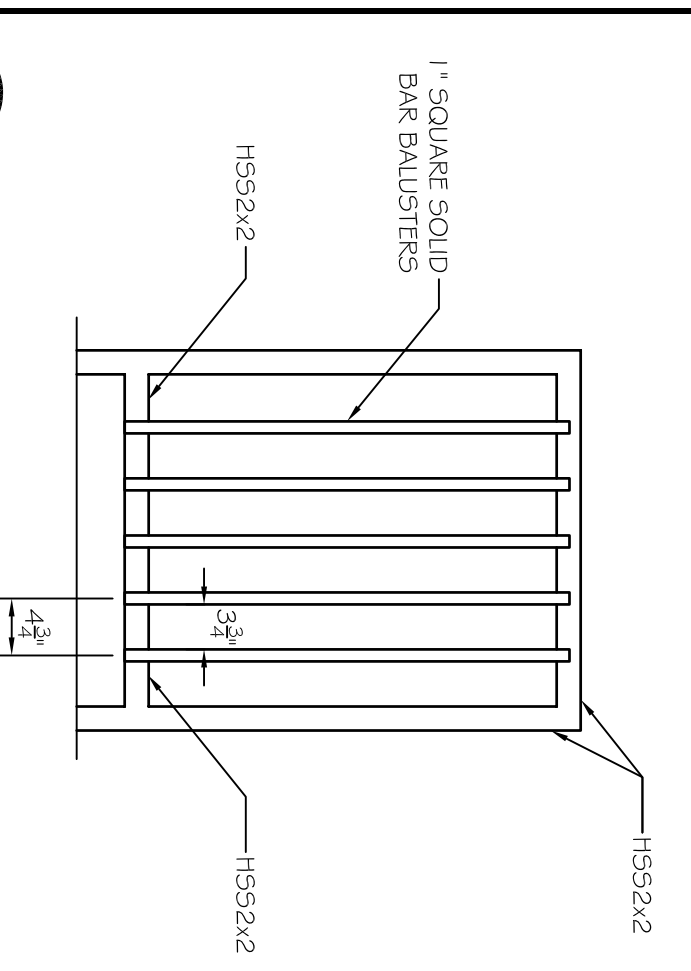


C2 SECTION AT 3rd FLOOR LANDING FRAME
SCALE: 3/4"=1'-0"

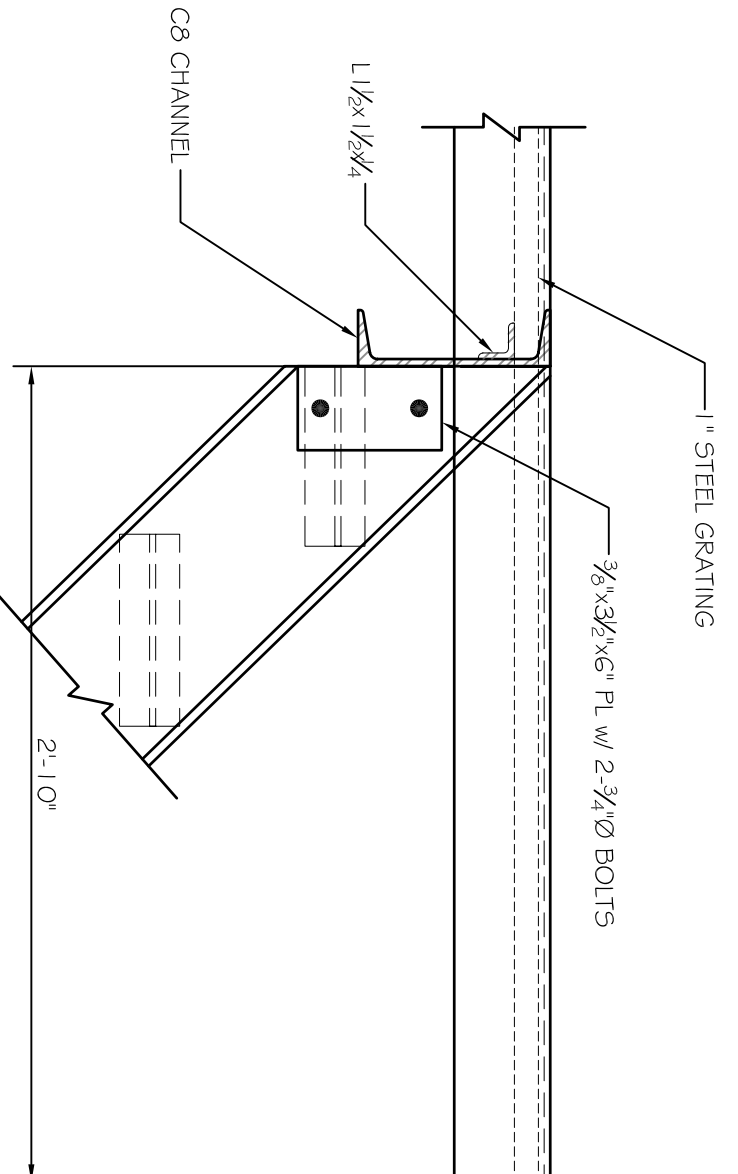
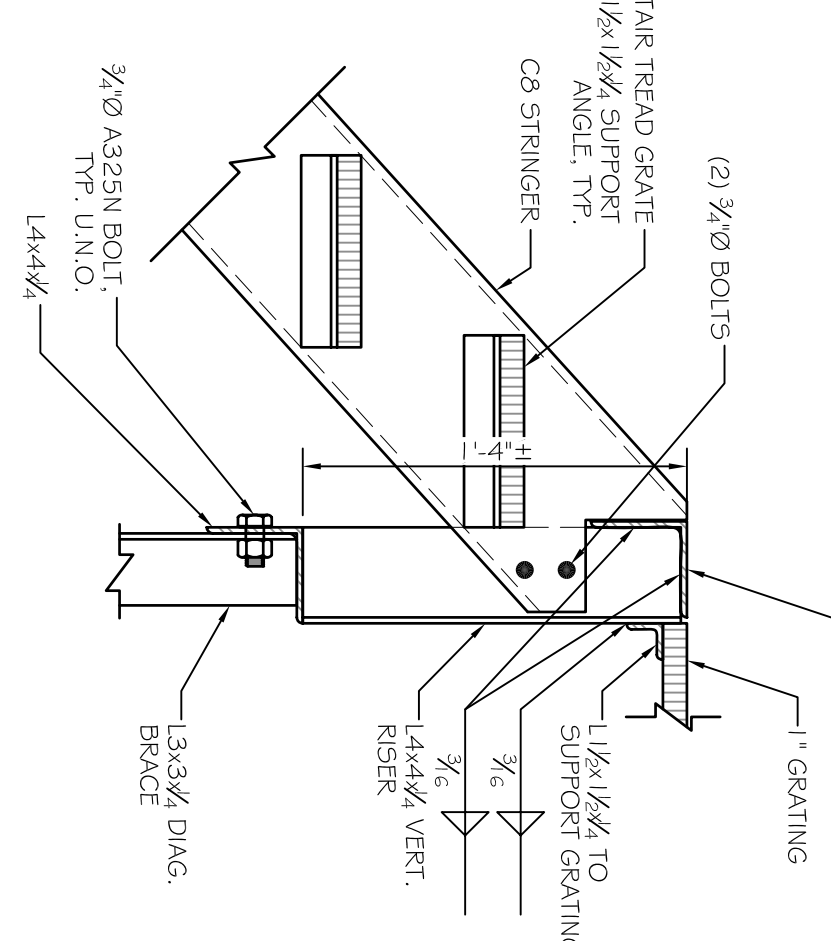


C1 SECTION AT 2nd FLOOR LANDING FRAME
SCALE: 3/4"=1'-0"

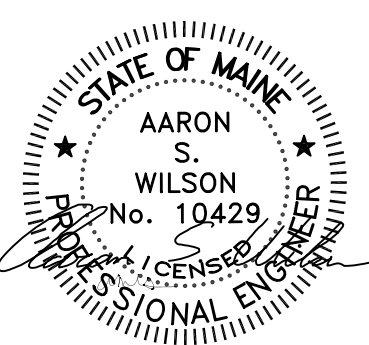
B2 RAILING ASSEMBLY TYP.
SCALE: 3/4"=1'-0"



B1 4th FLOOR LANDING DETAIL
SCALE: 1/2"=1'-0"



A1 3rd FLOOR LANDING DETAIL
SCALE: 1/2"=1'-0"



ASSOCIATED DESIGN PARTNERS INC.
80 Leighton Road Falmouth, Maine 04105
Office: (207) 878-1751
Fax: (207) 878-1788
E-Mail: adp@adpengineering.com

THE SEALING, ISSUING AND ELECTRONIC FILE ARE THE PROPERTY OF ASSOCIATED DESIGN PARTNERS, INC. ANY OTHER USE OF THIS DOCUMENT WITHOUT WRITTEN CONSENT IS PROHIBITED.

PROJECT: **STENHOUSE PUBLISHERS PORTLAND, MAINE**
FOR:
SHEET TITLE: **STRUCTURAL NOTES AND DETAILS ISSUED FOR PERMITTING**

| NO. | BY | DESCRIPTION | DATE |
|-----|-----|---------------------------|----------|
| 1 | ASW | REV. PER CITY OF PORTLAND | 12/28/10 |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |

DATE: 11-10-10
SCALE: AS NOTED
DESIGN BY: ASW
DRAWN BY: RSC
FILE #: 10227-AS01.DWG
PROJECT NUMBER:
10227
SHEET NO.:
A301