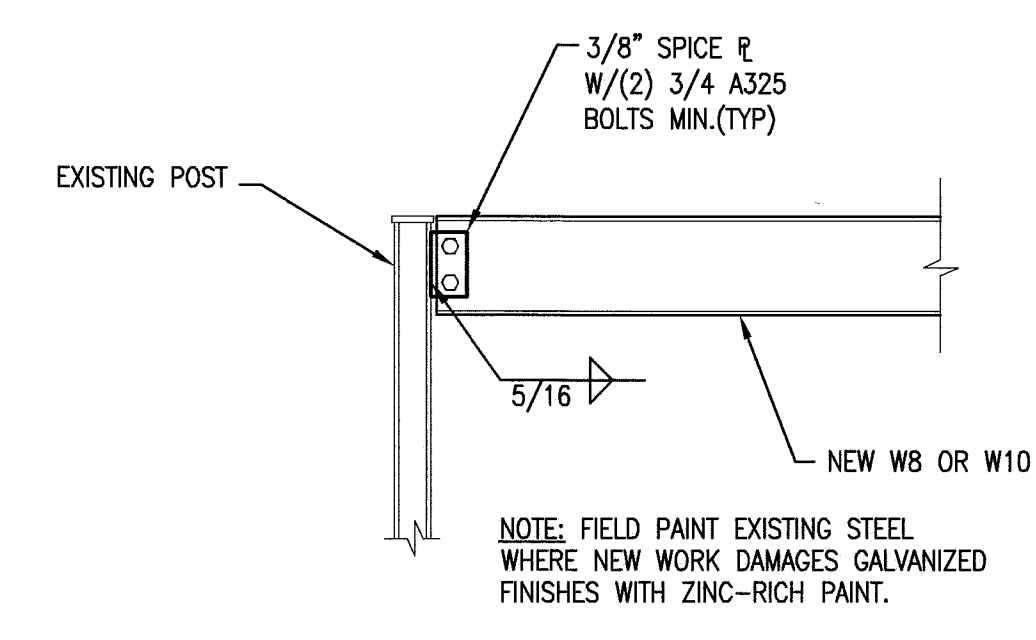
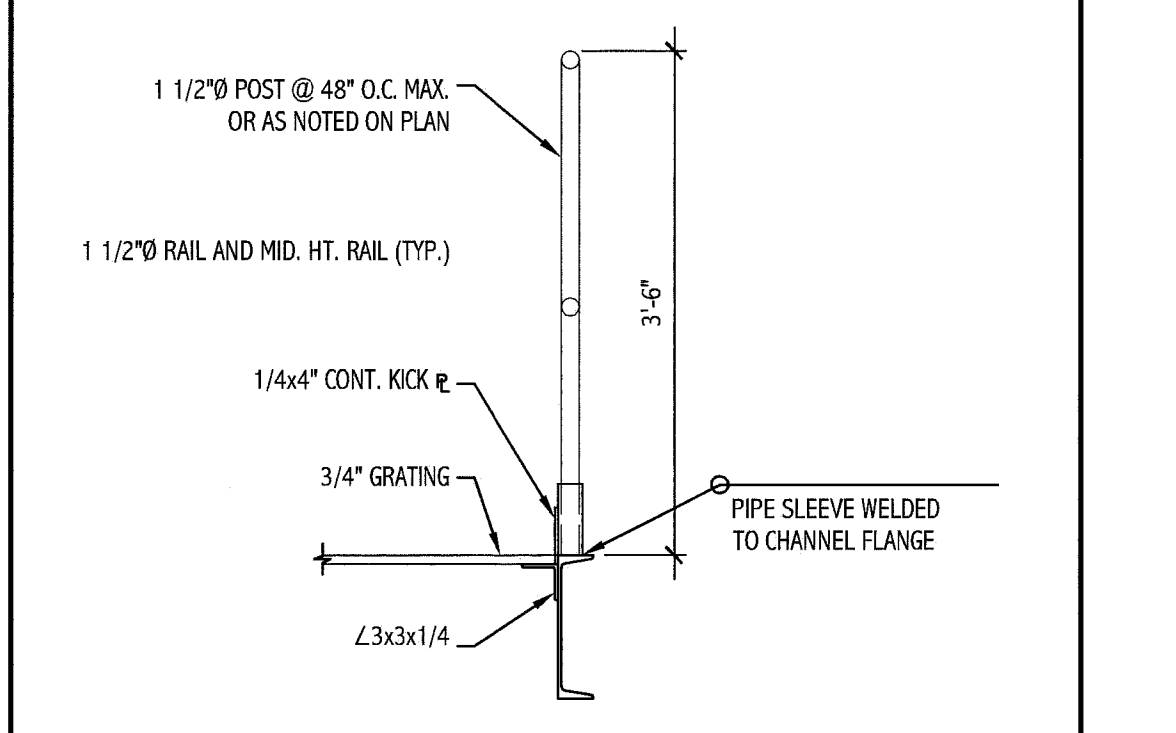


L7 BRACE CONNECTION
1/2" = 1'-0"

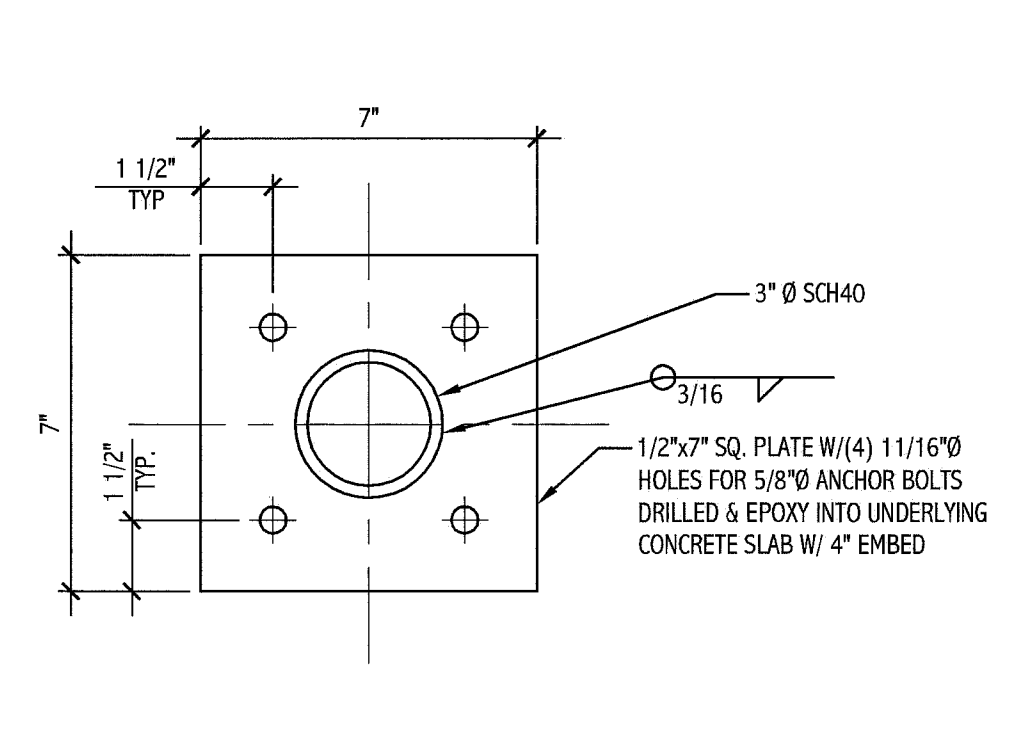
L10 CROSS BRACE CONNECTION
1/2" = 1'-0"



H4 TYPICAL CONNECTION TO EXISTING POSTS
1 1/2" = 1'-0"



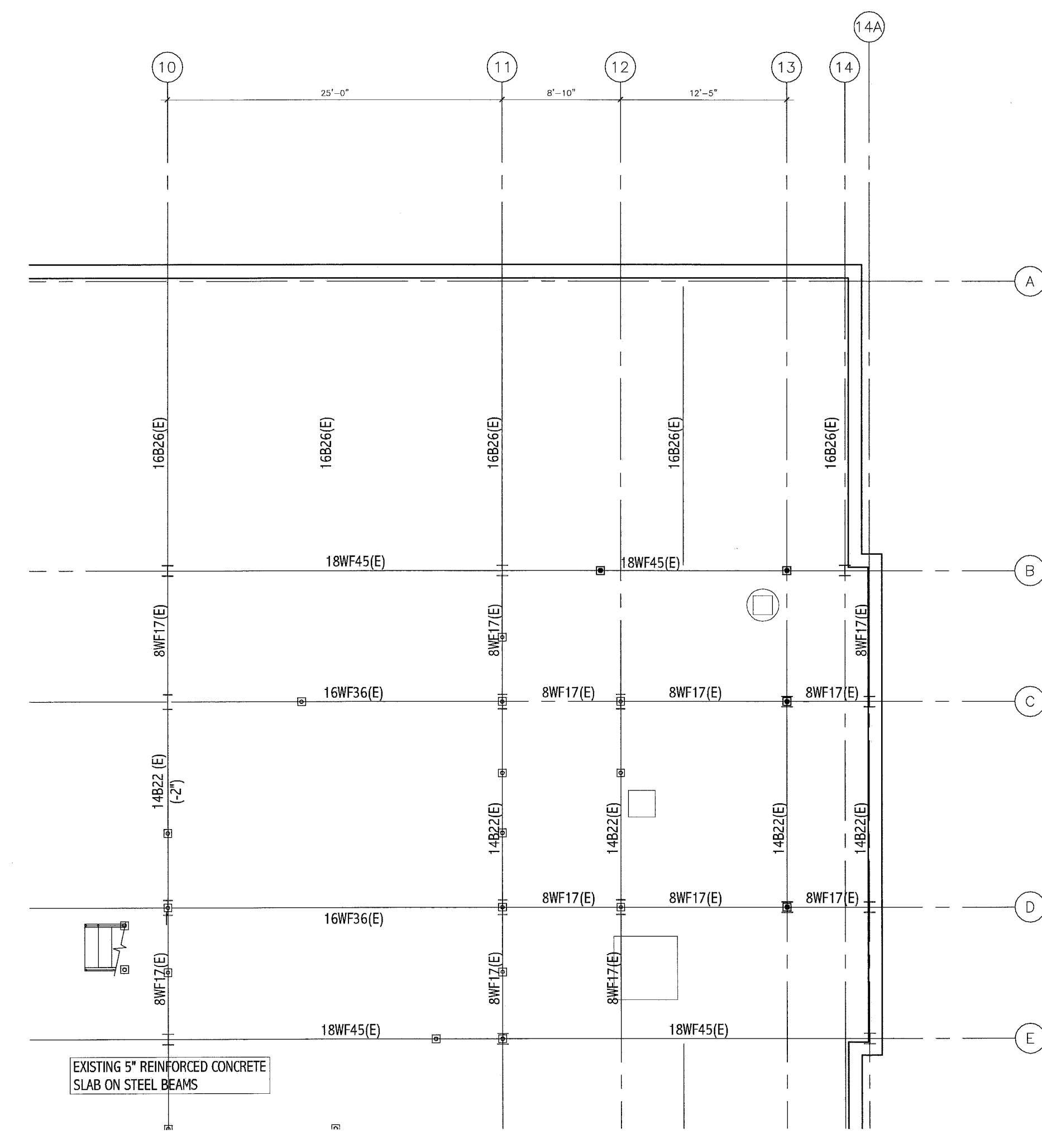
H7 GUARDRAIL DETAIL
3/4" = 1'-0"



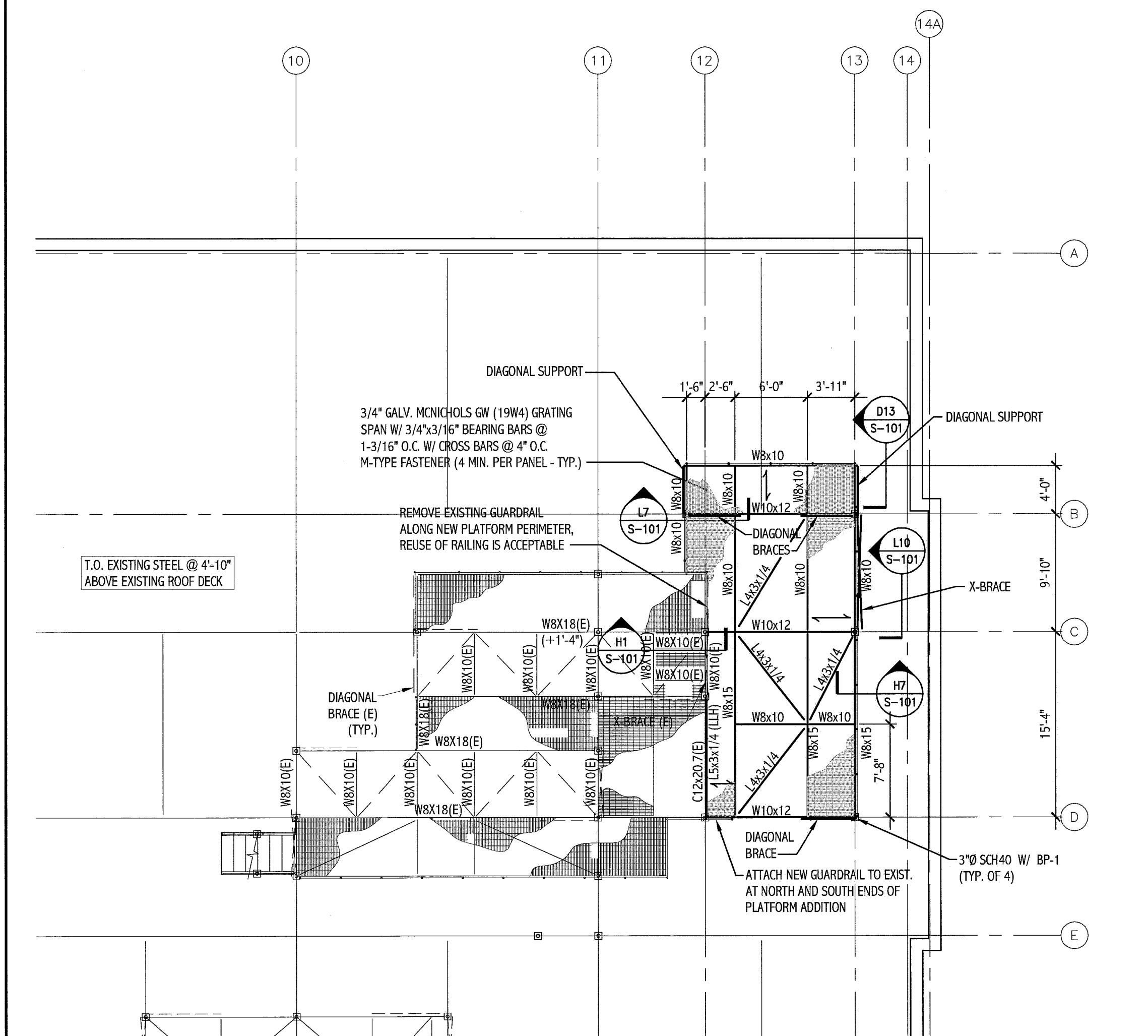
H10 BASE PLATE DETAIL
3" = 1'-0"

- NOTES:**
- COORDINATE DIMENSIONS WITH EQUIPMENT SUPPLIER TO ASSURE PROPER PLACEMENT OF MOUNTING BOLT HOLES, ETC.
 - ELEVATIONS REFERENCED IN PLAN AND SECTION ARE TAKEN FROM DRAWINGS OF EXISTING BUILDING DATED JULY29, 1966. VERIFY EXISTING CONDITIONS PRIOR TO FABRICATING ANY COMPONENTS.
 - ITEMS NOTED TO BE EPOXY SET ARE TO BE EMBEDDED USING HITI HIT-HY 150. FOLLOW MANUFACTURER'S DIRECTIONS FOR HOLE SIZE, PREPARATION AND CURING.
 - ALL STEEL EXPOSED TO WEATHER IS TO BE HOT-DIPPED GALVANIZED. FIELD TOUCH ANY AREAS DAMAGED DUE TO WELDING OR ERECTION WITH ZINC RICH PAINT.
 - STRUCTURAL STEEL FABRICATION, ERECTION, AND CONNECTION DESIGN SHALL CONFORM TO AISC "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL" - THIRTEENTH EDITION.
 - STRUCTURAL STEEL WIDE FLANGE SHAPES SHALL CONFORM TO ASTM A992, GRADE 50. STEEL FOR PLATES, ANGLES, AND CHANNELS SHALL CONFORM TO ASTM A36. STRUCTURAL PIPE SHALL CONFORM TO ASTM A500 GRADE B.
 - FIELD CONNECTIONS SHALL BE BOLTED USING 3/4" GALVANIZED A325N HIGH STRENGTH BOLTS.
 - ALL SHOP WELDING SHALL CONFORM TO AWS D1.1 - LATEST EDITION. ELECTRODES SHALL BE E70XX.
 - SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION.
- DESIGN LOADS**
- NEW COMPONENTS AND EXISTING BUILDINGS ELEMENTS IMPACTED BY THE NEW EQUIPMENT HAVE BEEN DESIGNED OR CHECKED TO COMPLY WITH THE 2006 EDITION OF THE INTERNATIONAL BUILDING CODE AND ASCE-7-05.
 - FLAT ROOF SNOW LOAD $P_f = 42$ PSF
 - WIND LOAD:
 - A. BASIC WIND SPEED = 100 MPH
 - B. WIND LOAD IMPORTANCE FACTOR $I = 1.15$
 - C. WIND EXPOSURE = EXPOSURE C
 - D. DESIGN WIND LOADS = 29 PSF ON WINDWARD AND LEeward SIDE OF MECHANICAL UNITS.
 - EQUIPMENT / MECHANICAL UNIT WEIGHT USED IN DESIGN:
 - A. CHILLER CH-09 = 16,900 LBS.
 - B. STERIS "HARMONY EMS 70" DBL FIXED ARM WITH 40" LITE COLUMN" = 2,020 LBS.; 12, 850 #-FT.
 - C. PHILLIPS ALLURA BIPLANE: "ANGIO DIAGNOST 7" = 1693 LBS
"POLY DIAGNOST G FD" = 1921 LBS
"LARC CM NEURO RAIL" = 1939 LBS (TENSION), 845 LBS (SHEAR)

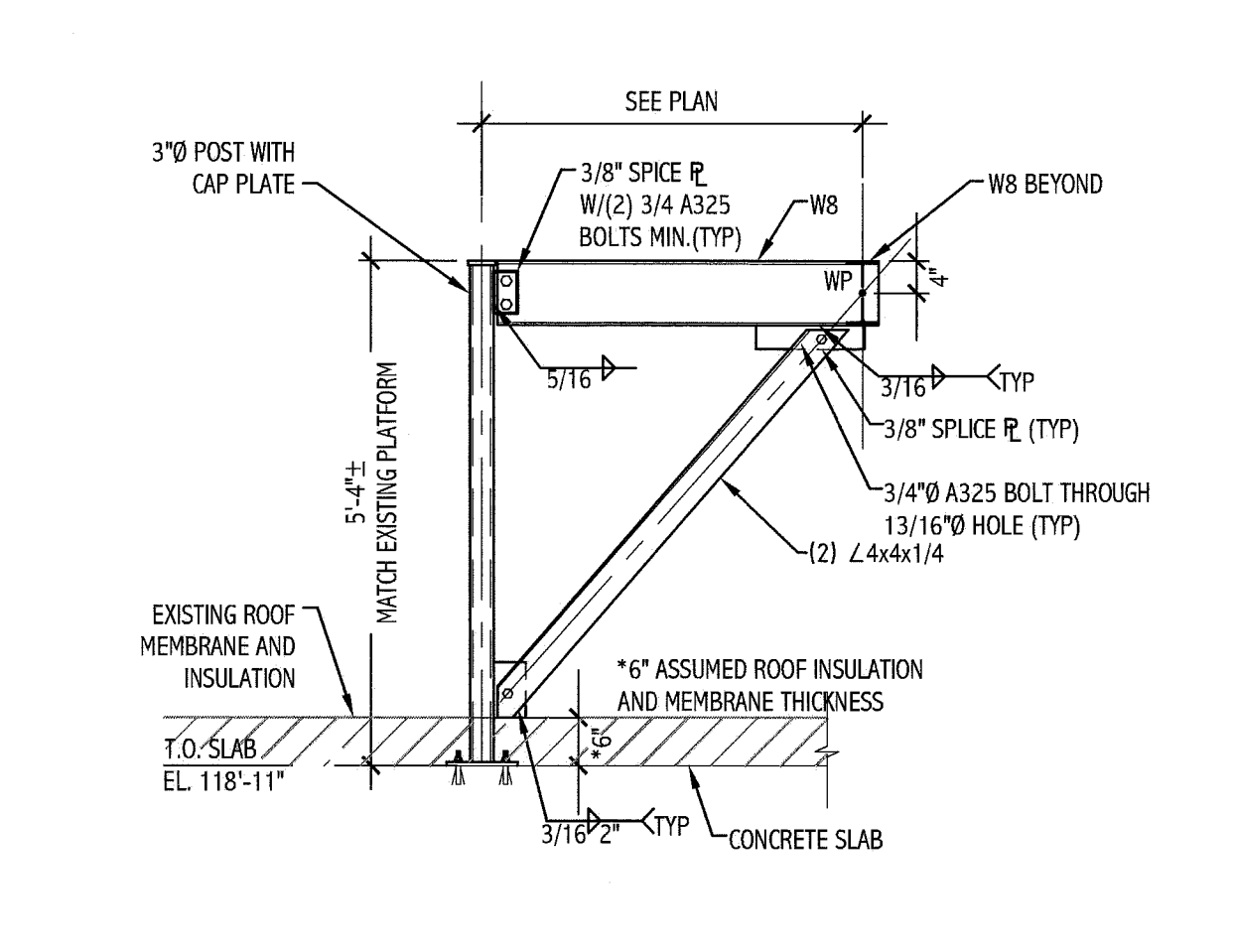
H13 NOTES
NTS



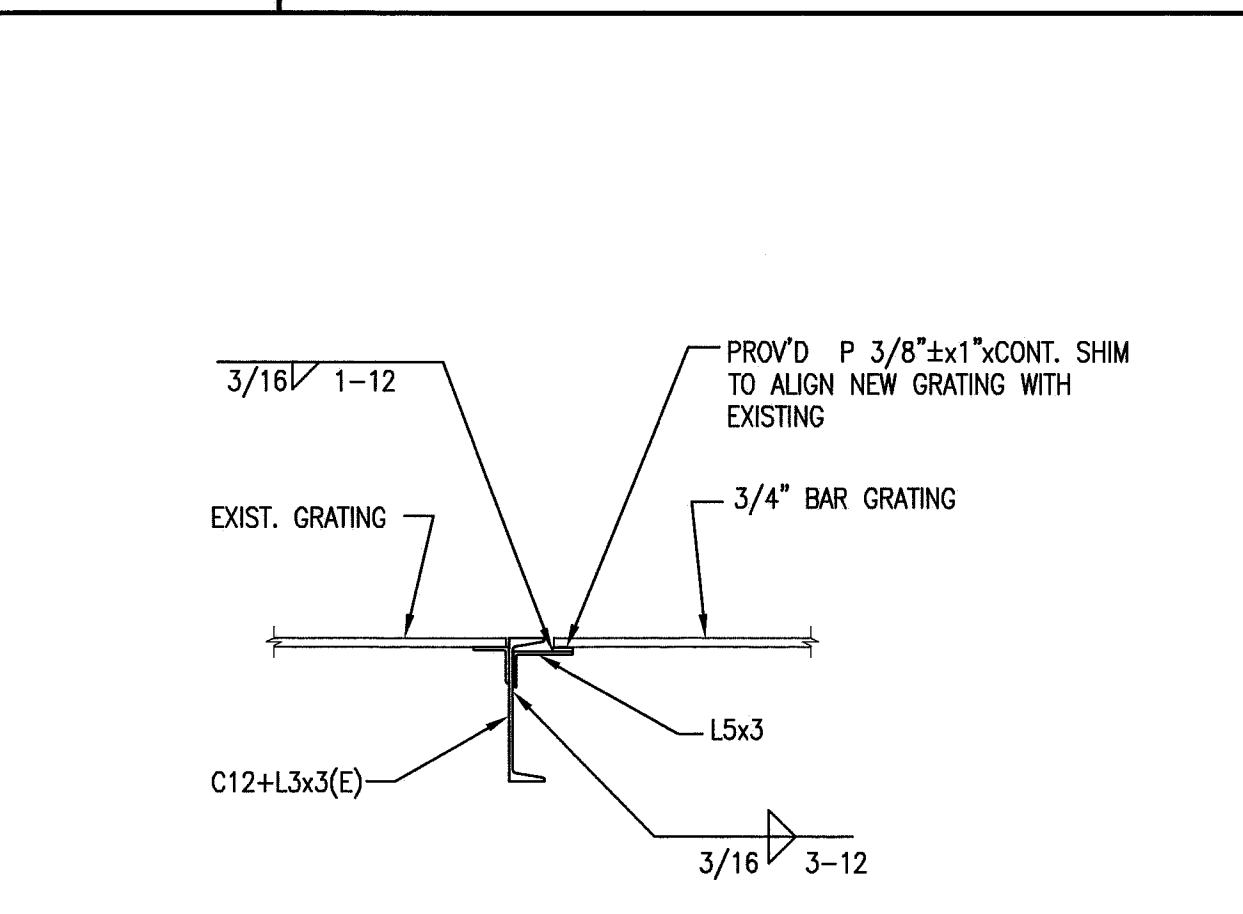
A1 EXISTING ROOF FRAMING PLAN
1/8" = 1'-0"



A7 MECHANICAL PLATFORM FRAMING PLAN
1/8" = 1'-0"



D13 DIAGONAL SUPPORT
1/2" = 1'-0"



A13 L5x3 TO C12(E)
1/2" = 1'-0"

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ANDREW D. BRADLEY
No. 9840
LICENSED PROFESSIONAL ENGINEER

PROJECT NORTH

Maine Medical Center Cath Lab 5

ISSUED FOR CONSTRUCTION 9.3.10

NO.	ISSUED FOR CONSTRUCTION	DESCRIPTION	DATE
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GRAPHIC SCALE: 0" 1"

SCALE: 1/8" = 1'-0"

PROJECT MANAGER: XD

DESIGNED BY: ADB

DATE OF RECORD: ADB

PROJECT NO: 10006

DATE: 9.3.10

SHEET TITLE: MECHANICAL PLATFORM FRAMING

SHEET No. S-101