

NOTES:

- COORDINATE DIMENSIONS WITH EQUIPMENT SUPPLIER TO ASSURE PROPER PLACEMENT OF MOUNTING BOLT HOLES, ETC.
- REFERENCE ELEVATION 0'-0" ON PLANS = 118'-11" AT TOP OF ROOF DECK (FROM PLAN OF EXISTING BUILDING).
- ALL STEEL TO BE GALVANIZED.
- STRUCTURAL STEEL FABRICATION, ERECTION, AND CONNECTION DESIGN SHALL CONFORM TO AISC "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL" - NINTH EDITION OR LOAD AND FACTOR DESIGN SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, SECOND 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" DIAMETER 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 MECHANICAL UNITS HAVE BEEN DESIGNED OR CHECKED TO COMPLY W/ 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. WIND INTERNAL PRESSURE COEFFICIENT C_{pi} = ± 0.18
 E. DESIGN WIND LOADS = 29 PSF ON WINDWARD AND LEeward SIDE OF MECHANICAL UNITS.
- MECHANICAL UNIT WEIGHT USED IN DESIGN:
 A. AHU-13 TOTAL LOAD 4,350 LBS.

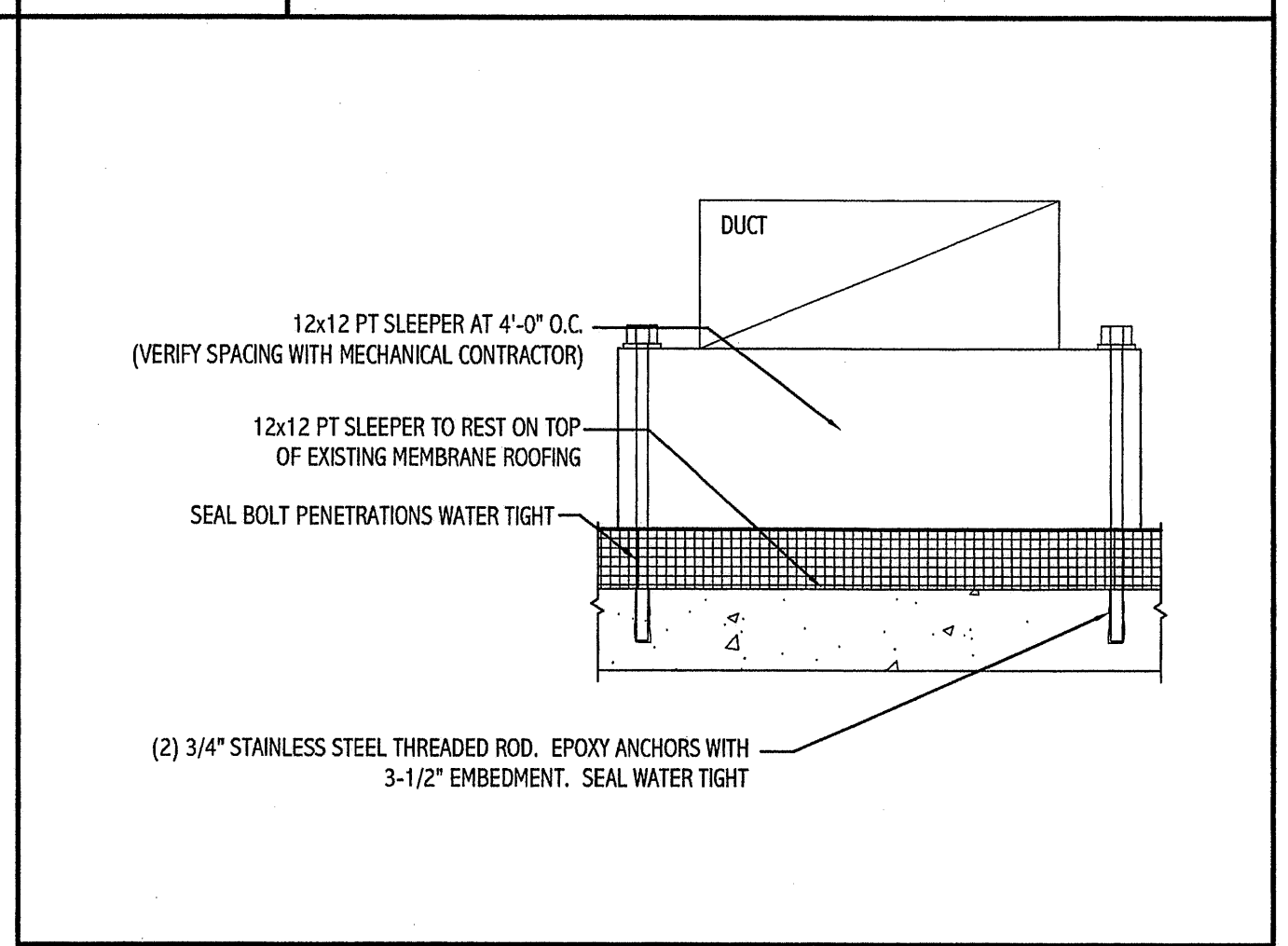
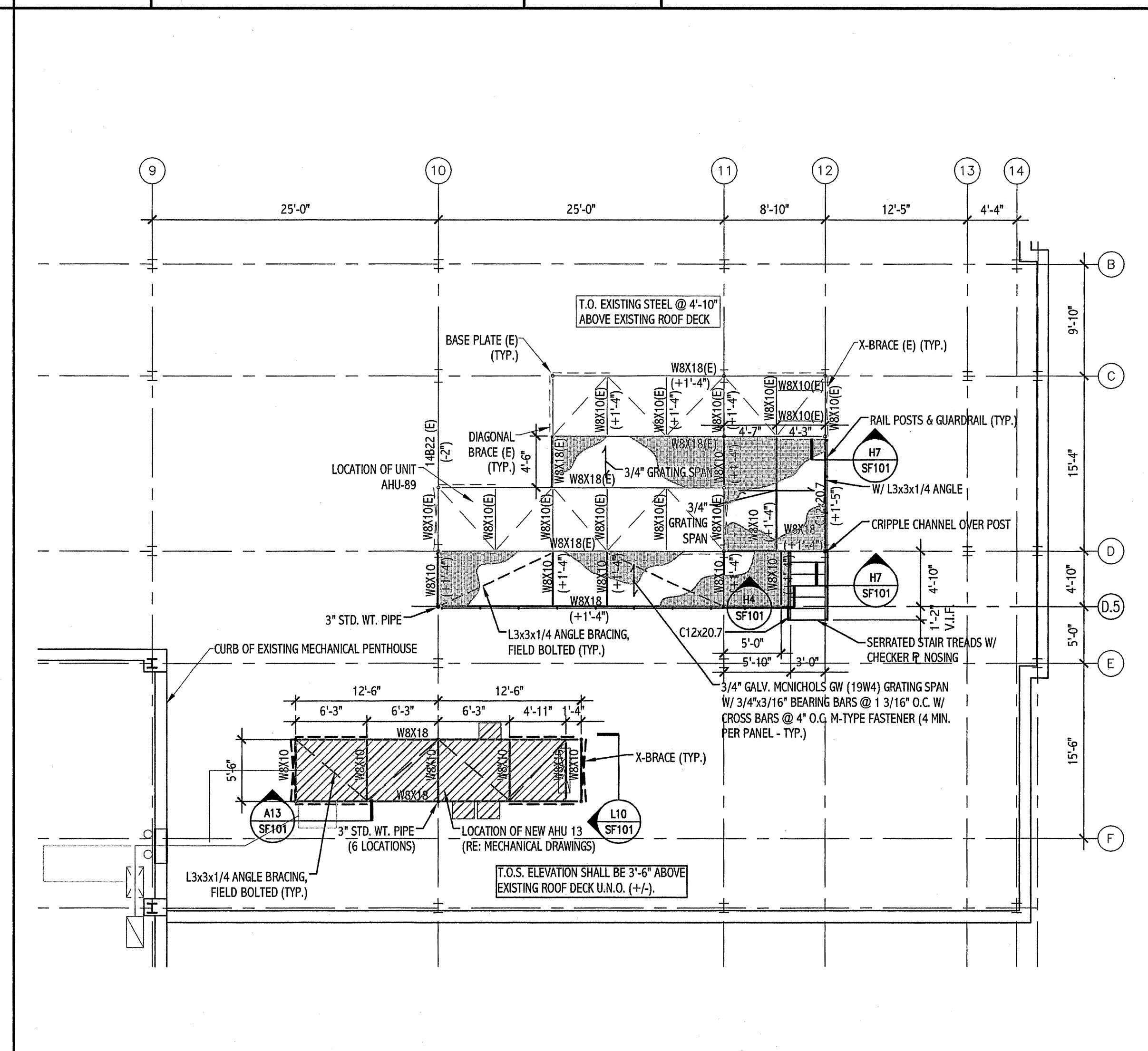
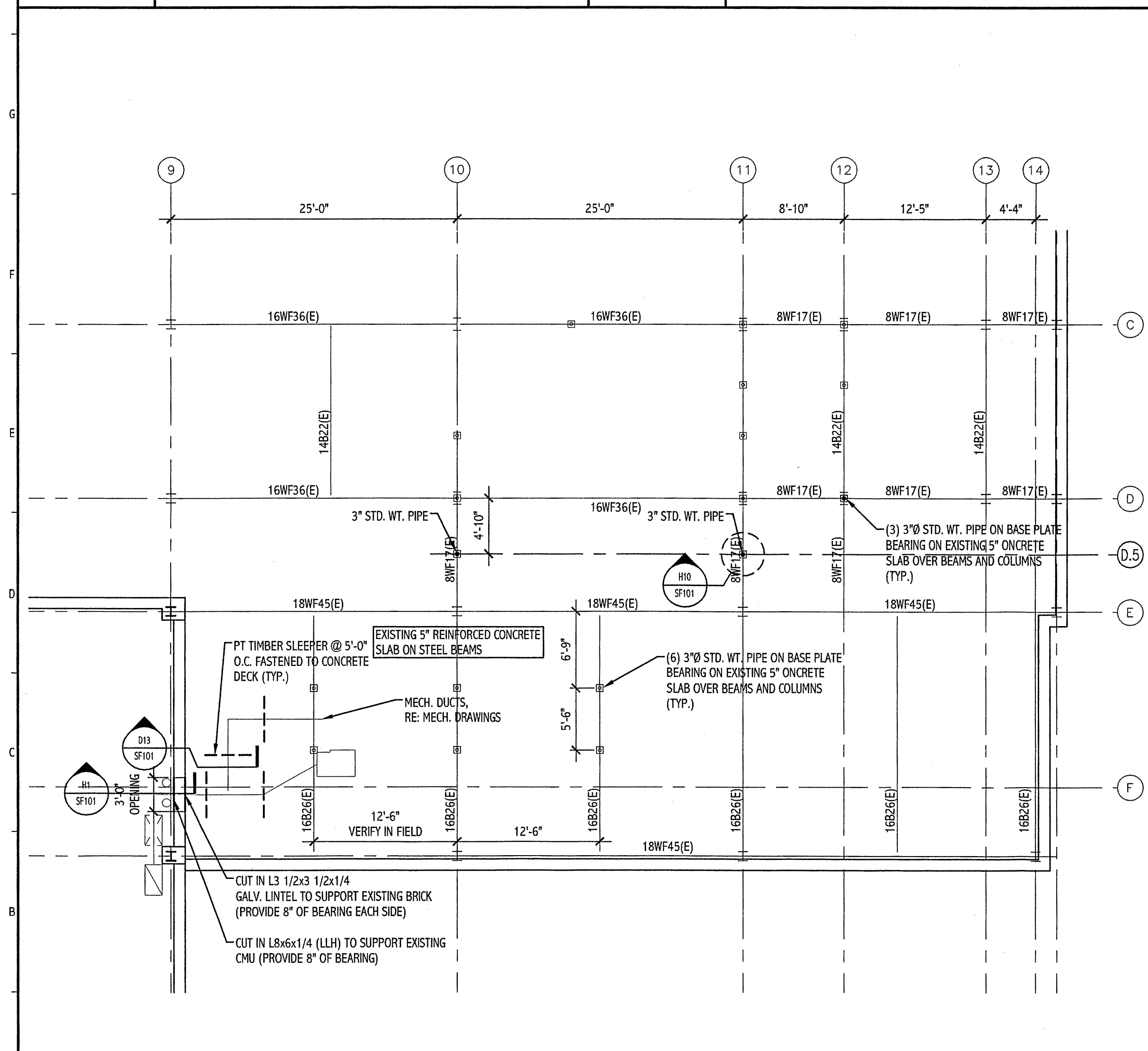
H1 DUCTWORK OPENING FRAMING
1/2" = 1'-0"

H4 SECTION @ STAIR CONNECTION
1/2" = 1'-0"

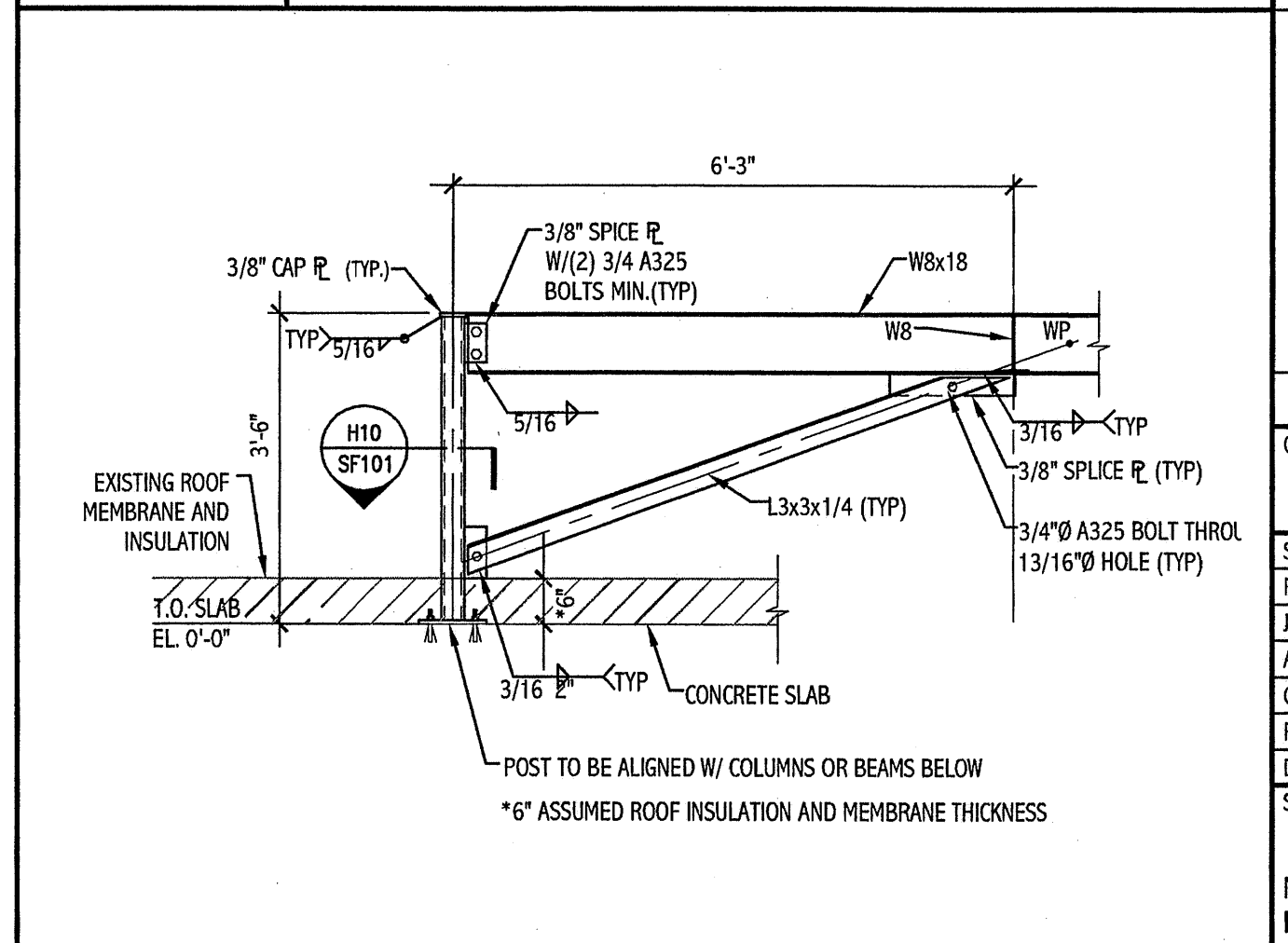
H7 GUARDRAIL DETAIL
3/4" = 1'-0"

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

H13 NOTES
NTS



D13 SLEEPER DETAIL
1" = 1'-0"



A13 BRACE CONNECTION
1/2" = 1'-0"

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

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

144 Fore Street, Box 618
Portland, Maine 04104
Tel: (207) 775-3946
Fax: (207) 775-1070
www.smartinc.com

ARCHITECTURE
ENGINEERING
PLANNING
INTERIOR DESIGN
COMMISSIONING

SMART

PROJECT NORTH

STATE OF MAINE
RONALD W. RIDGOUT
No. 8889
PROFESSIONAL ENGINEER
3/1/2011

Maine Medical Center
Cath Lab #2 Reno
PORTLAND, ME

ISSUED FOR CONSTRUCTION
3-30-09

REV	DATE	DESCRIPTION
0	3-30-09	ISSUED FOR CONSTRUCTION

GRAPHIC SCALE:
0" = 1'

SCALE: 1/4" = 1'-0"

PROJECT MANAGER: KD
 JCDRAWN BY: WSM
 A/E OF RECORD: RWR
 CAD FILE: SF101-09009
 PROJECT NO: 09009
 DATE: 3-30-09
 SHEET TITLE:

MECHANICAL PLATFORM FRAMING PLAN WITH NOTES AND DETAILS

SHEET No. SF101