

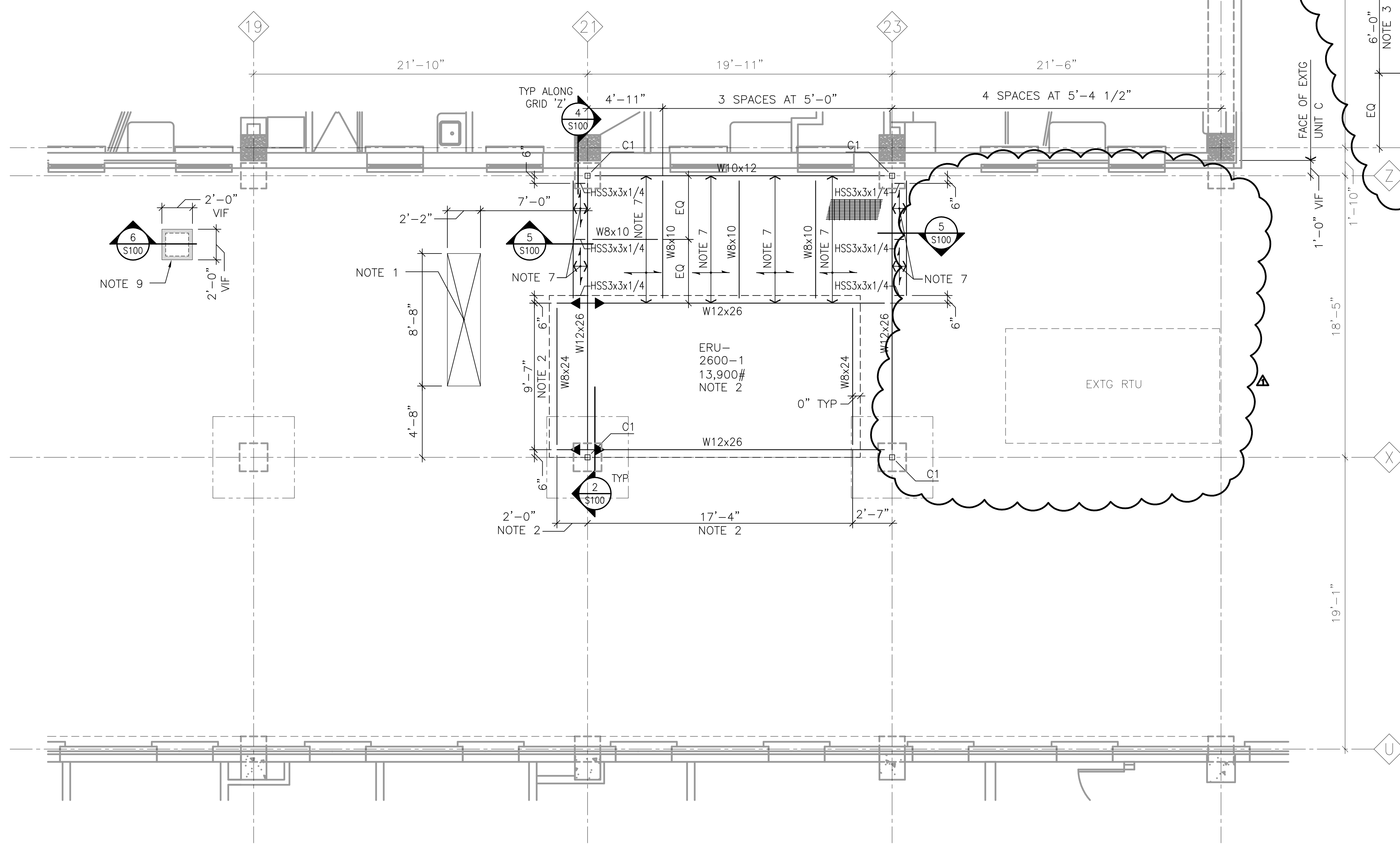
three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
three eighths inch = one foot
one half inch = one foot
one quarter inch = one foot
one eighth inch = one foot

1 PARTIAL ROOF FRAMING PLAN

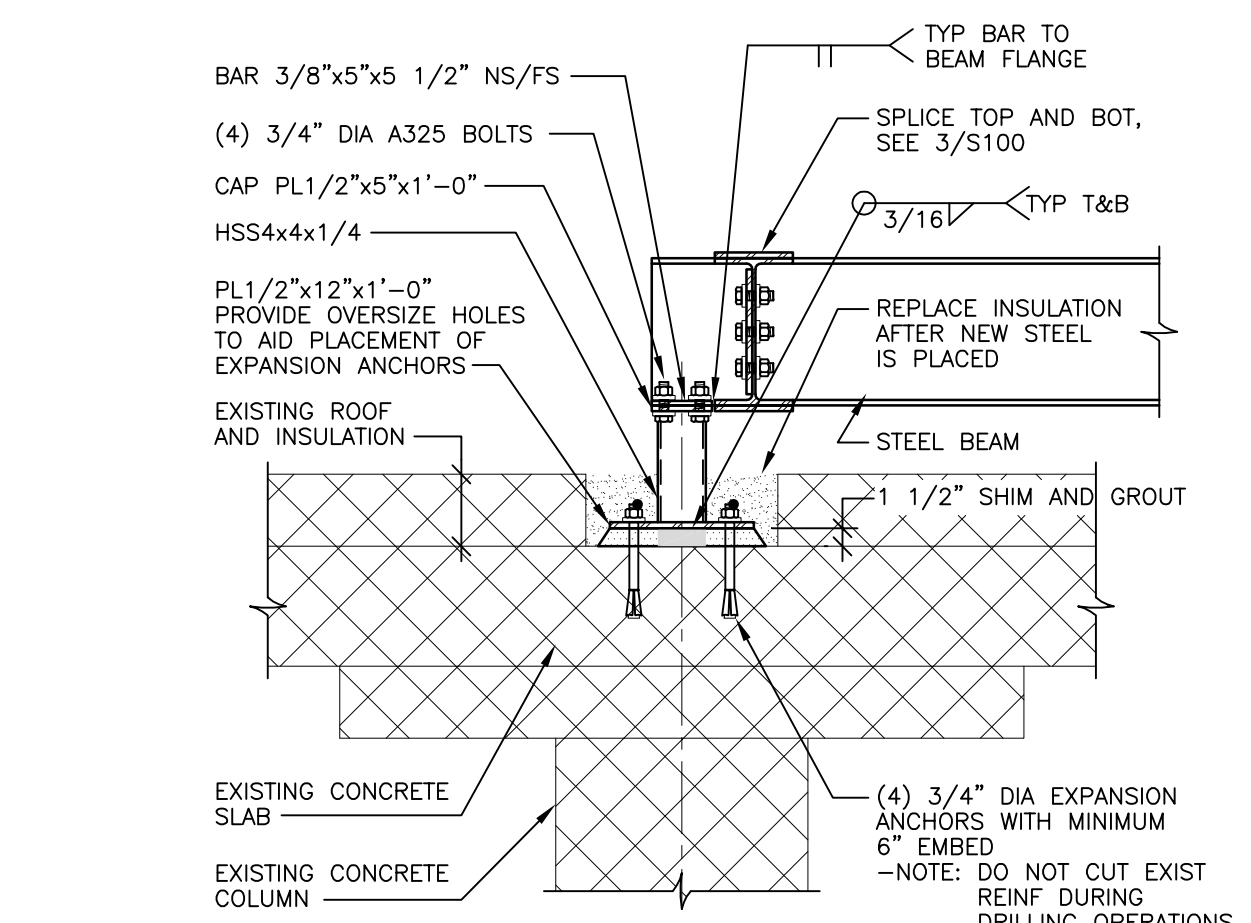
S100
SCALE: 0' 1' 2' 4' 6'

NOTES:

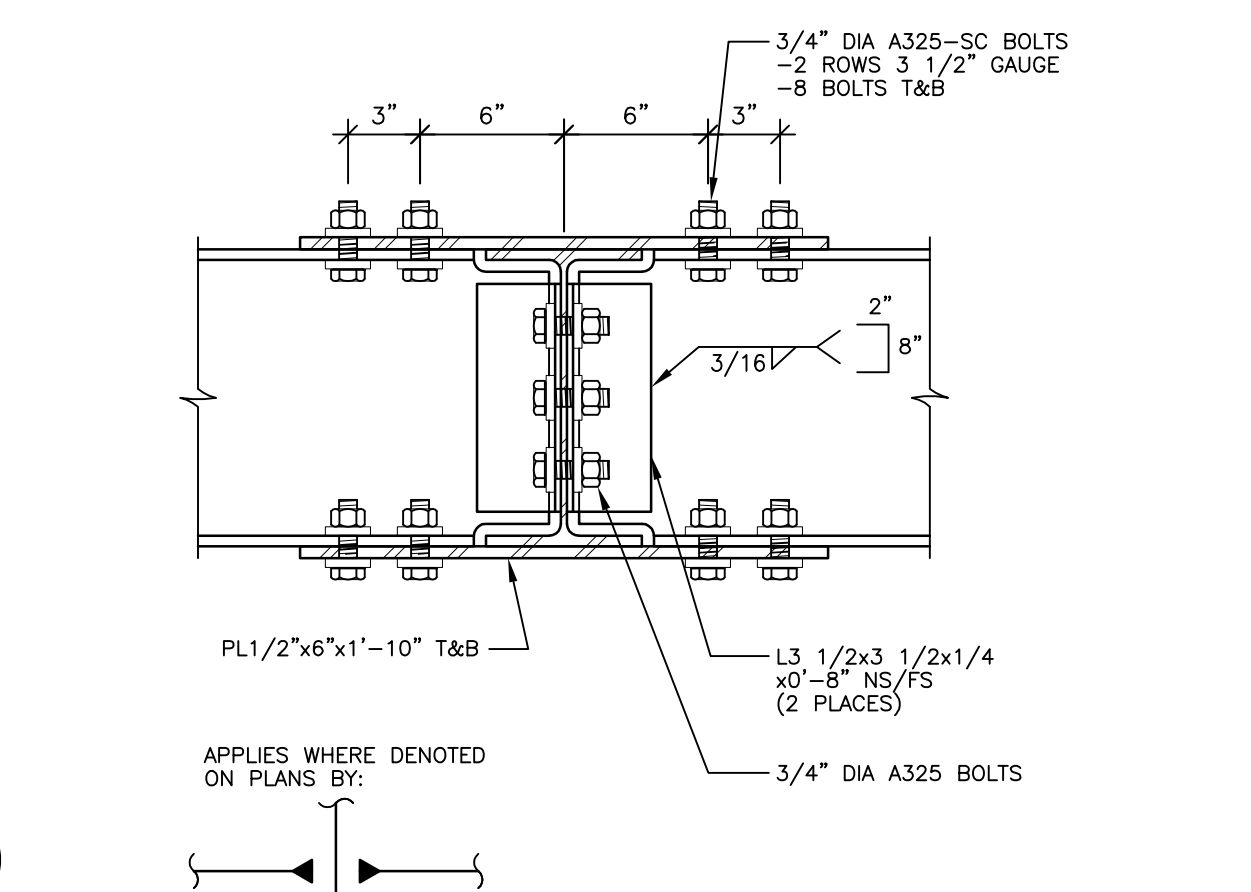
- 1) NEW 26" WIDE x 104" OPENING CUT THROUGH EXISTING 10" THICK STRUCTURAL SLAB. PROVIDE PILOT HOLES (MINIMUM 4" DIA) AT CORNERS TO ELIMINATE OVERCUT AT CORNERS.
- 2) WEIGHTS AND DIMENSIONS INDICATED FOR ERU-2600-1 ARE BASED ON SEMCO MODEL EPC-18. DIMENSIONS LOCATING SUPPORT POINTS SHALL BE VERIFIED WITH UNIT SUPPLIER PRIOR TO FABRICATION.
- 3) WEIGHTS AND DIMENSIONS INDICATED FOR ACCU-2600-1/2 ARE BASED ON AAO MODEL C6-B 34 TON CONDENSING UNIT. DIMENSIONS LOCATING SUPPORT POINTS SHALL BE VERIFIED WITH UNIT SUPPLIER PRIOR TO FABRICATION.
- 4) TOP OF EXISTING CONCRETE SLAB ASSUMED ELEVATION = 111'-2 3/8". TOP OF STEEL ELEVATION = 113'-2 3/8". ELEVATIONS GIVEN ARE (+) OR (-) FROM THIS ELEVATION UNLESS NOTED OTHERWISE.
- 5) ALL STEEL SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION.
- 6) STRUCTURAL STEEL SHALL MEET THE FOLLOWING MINIMUM:
HSS SECTIONS: ASTM A500 GR B
Fy=46 KSI
WIDE FLANGE: ASTM A572 GR 50
ANGLES AND PLATES: ASTM A36
- 7) 1 1/4"x3/16" STEEL BAR GRATING. BEARING BARS AT 1 3/16" OC AND CROSS BARS AT 4" OC. ATTACH GRATING TO SUPPORTING MEMBERS WITH REMOVABLE CLIPS. GRATING AND CLIPS TO BE HOT-DIPPED GALVANIZED.
- 8) C1 = HSS4x4x1/4. SEE DETAILS 2/S100 AND 4/S100.
- 9) APPROXIMATE LOCATION OF 24"x24" (FIELD VERIFY) OPENING TO BE ABANDONED AND FILLED. FILL TO CONSIST OF CONCRETE SLAB ON 1 5/16" x 24 GAGE CORRUGATED STEEL DECK (TOTAL THICKNESS 5"). CONCRETE SHALL BE NORMAL WEIGHT AND ATTAIN MINIMUM 4,000 PSI AT 28 DAYS. STEEL DECK SHALL MEET THE FOLLOWING MINIMUM PROPERTIES:
THICK = 0.0239 IN I P = 0.093 IN 4/FT SP = 0.132 IN 3/FT
FY = 60 KSI I N = 0.093 IN 4/FT SN = 0.132 IN 3/FT



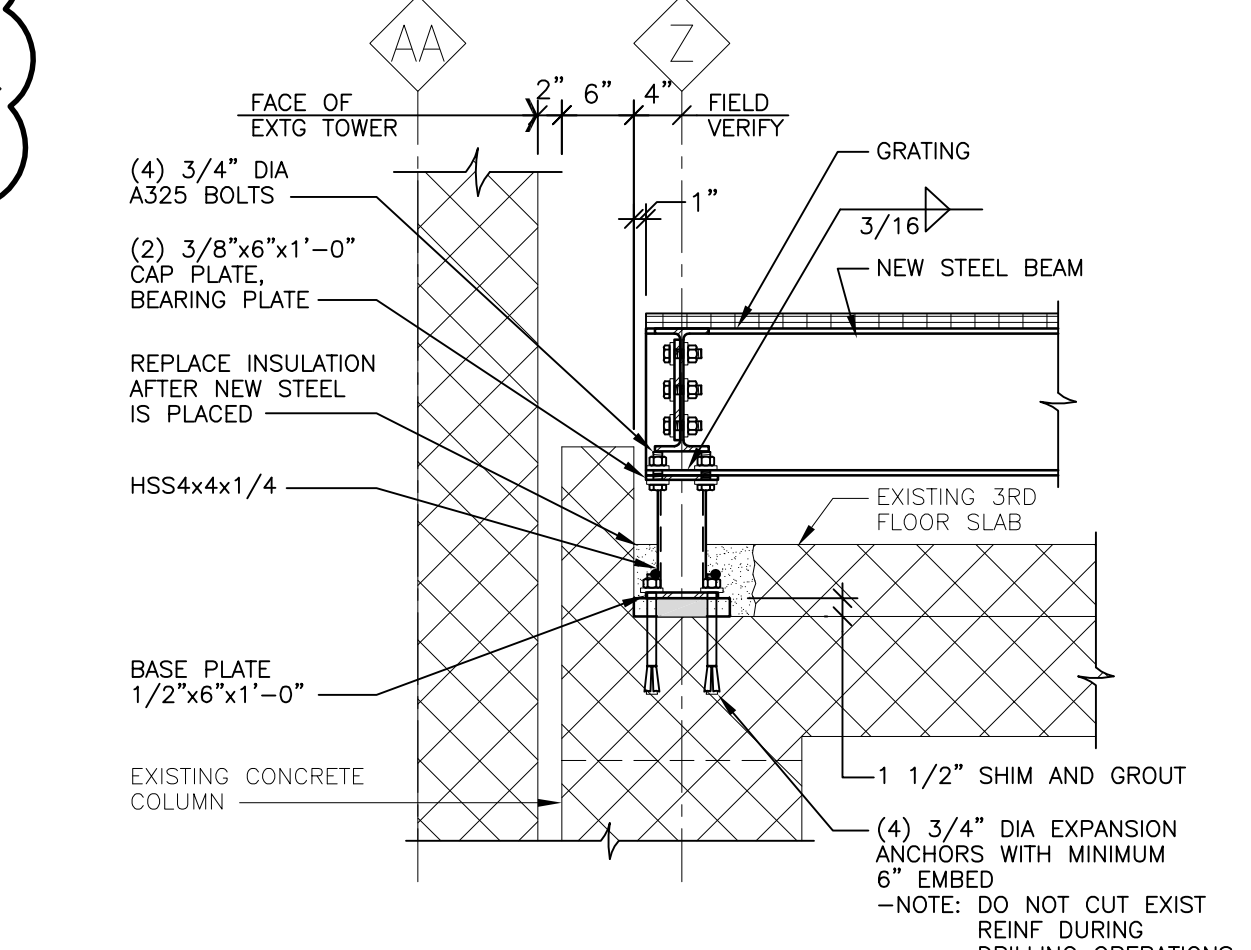
NOTE:
INFORMATION PERTAINING TO EXISTING CONDITIONS GIVEN ON THESE STRUCTURAL DRAWINGS REPRESENTS TO THE BEST OF OUR KNOWLEDGE THE ACTUAL EXISTING FIELD CONDITIONS. ARNOLD AND O'SHERIDAN, INC. MAKES NO WARRANTY AS TO THEIR ACCURACY. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS IMPERATIVE TO THE NEW WORK. REPORT DISCREPANCIES BETWEEN THE DRAWINGS AND FIELD CONDITIONS TO THE A/E FOR REVIEW. ANY WORK PERFORMED PRIOR TO RESOLUTION OF DISCREPANCIES BY THE A/E IS SUBJECT TO REMOVAL AND REPLACEMENT AT NO ADDITIONAL COST TO THE CONTRACT.



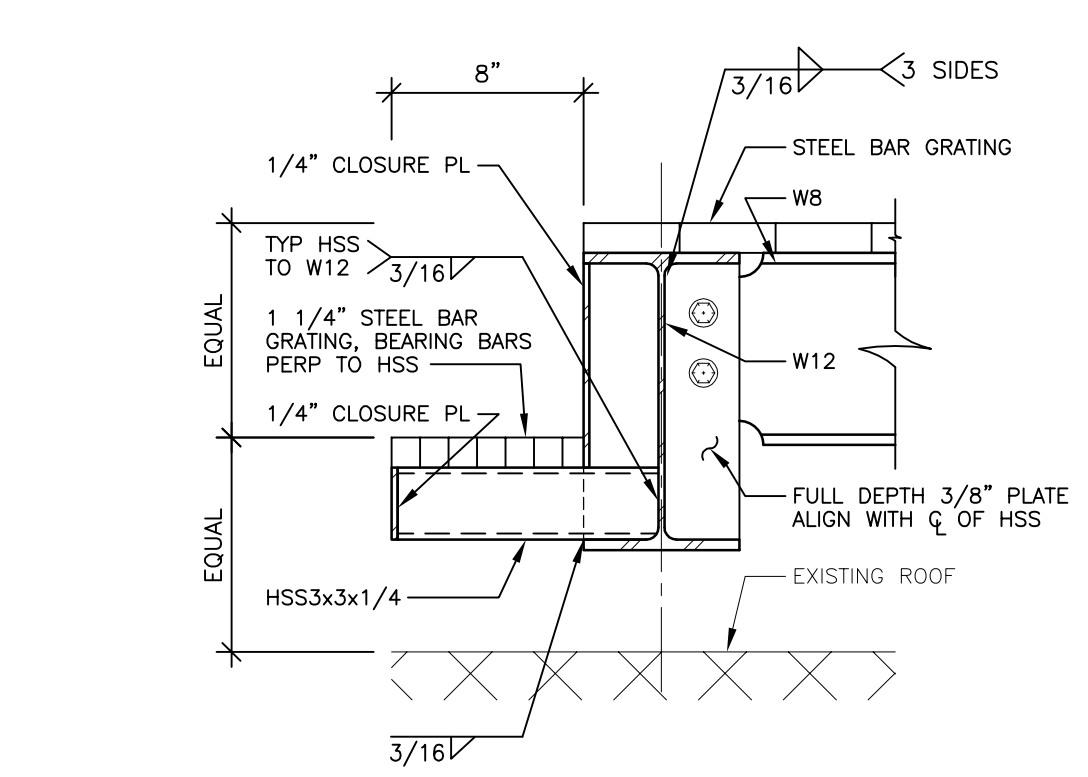
2 ROOF MOUNTED MECH FRAME SUPPORT
SCALE: 0' 3' 6' 1' 2'



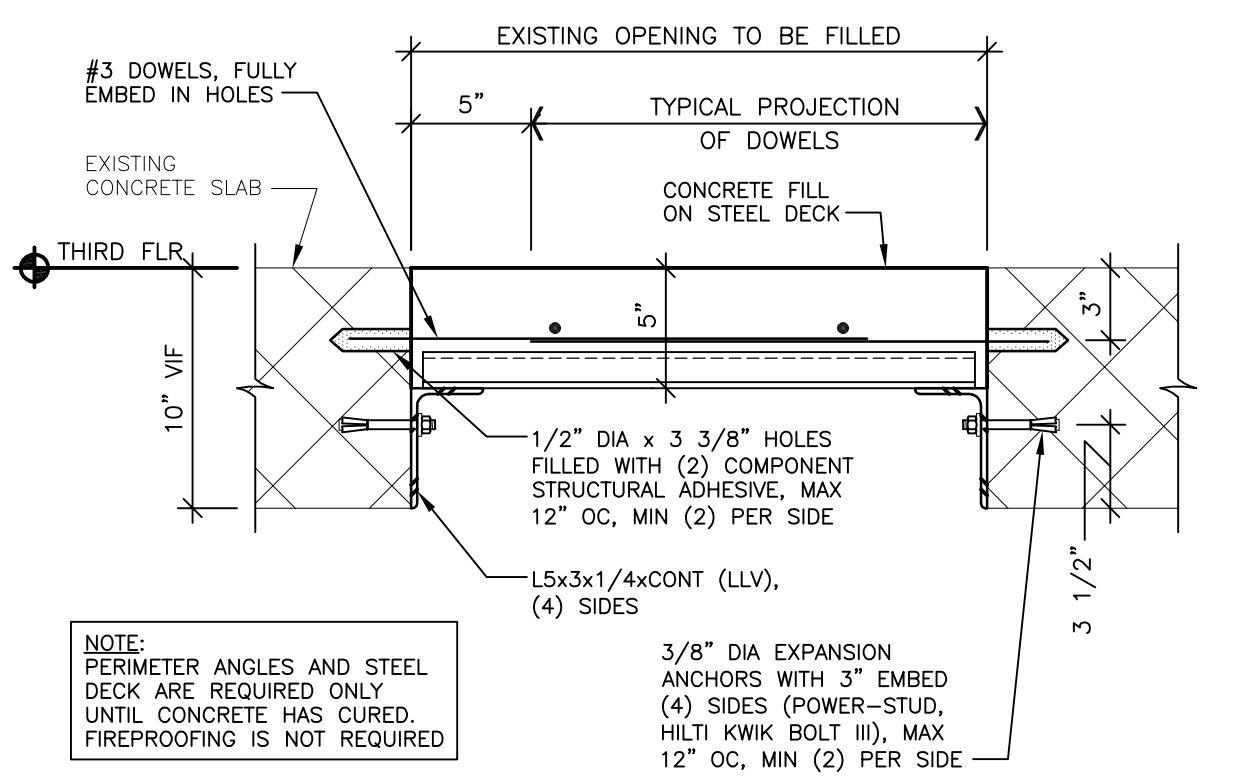
3 BEAM SPLICE
SCALE: 0' 2' 4' 6' 1'



4 COLUMN BEARING ALONG EXISTING
SCALE: 0' 3' 6' 1' 2'



5 STEP DETAIL
SCALE: 0' 2' 4' 6' 1'



6 SLAB FILL OF ABANDONED OPENING
SCALE: 0' 2' 4' 6' 1'

Contractors are responsible for the means, methods, techniques, sequences and procedures of construction including, but not limited to, temporary supports, shoring, forming to support imposed loads and other similar items.

Amendment #3 Revisions	16 MAY 2012 Date	Dept. of Veterans Affairs Medical Center 5000 W. National Avenue Milwaukee, WI		KEY PLAN:	ENGINEER: ARNOLD AND O'SHERIDAN, INC. CONSULTING ENGINEERS 4000 W. Wisconsin Suite 100 Milwaukee, WI 53224 Tel: 414.359.3060 Fax: 414.359.3070 www.praarch.com PRA Job No. 11007-04	ARCHITECT: Intelligent Designs Inspired Results Runkel Raysch Architects 11000 West Park Place • Milwaukee WI 53224 • Tel 414.359.3060 • Fax 414.359.3070 www.praarch.com	Drawing Title PARTIAL ROOF FRAMING PLAN	Project Title Diagnostics Lab HVAC Repair	Project Number 695-11-104	Office of Construction and Facilities Management
				Approved Project Director	Location VA Medical Center, Milwaukee, WI	Building Number Building 111	Drawing Number S100			