

ROOF FRAMING PLAN

SCALE: 3/32" = 1'-0"

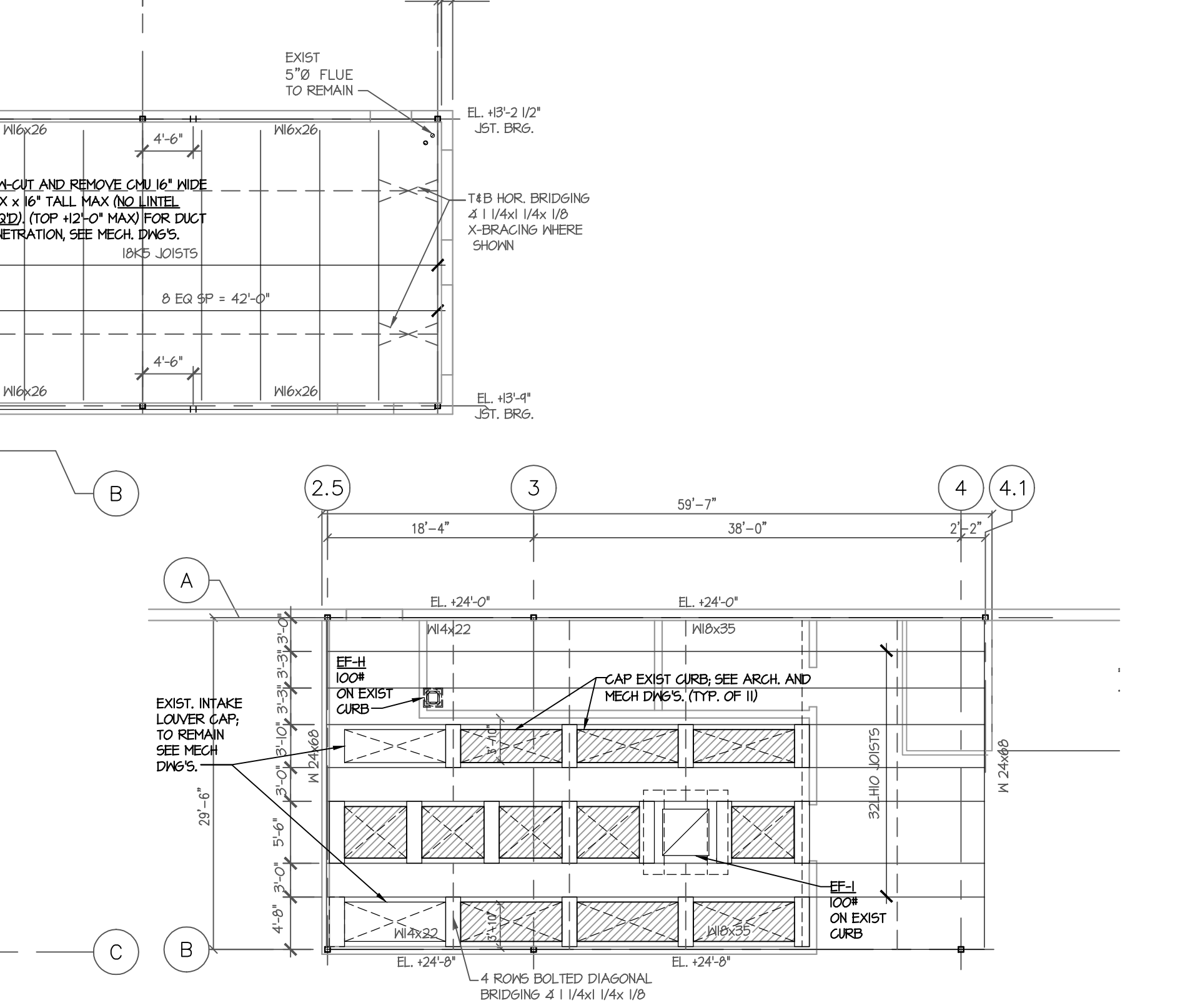
PRIOR TO THE START OF ANY WORK OR FABRICATION OF MATERIALS, FIELD VERIFY ALL EXISTING CONDITIONS, INCLUDING DIMENSIONS AND ELEVATIONS, WHETHER EXPOSED TO VIEW OR NOT. IF DISCREPANCIES ARE FOUND, CONTACT THE ARCHITECT / ENGINEER FOR ADDITIONAL DIRECTION.

GENERAL WORK NOTES:

1. ALL NEW STEEL SHALL BE SHOP PRIMED AND PAINTED BY 2 COATS ALLOY ENAMEL.
2. IF NEW ROOF PENETRATIONS ARE REQUIRED, PROVIDE FLASHING AND ROOF REPAIRS TO HAVE INTERESTING. THEY SHALL BE IN ACCORDANCE WITH THE ROOF MANUFACTURER'S REQUIREMENTS. PROVIDE PDE AND POST WORK INSPECTIONS BY ROOFING MANUFACTURER TO INSURE THAT WARRANTIES ARE MAINTAINED.
3. COORDINATE REMOVAL AND REPLACEMENT OF EQUIPMENT AND SUPPORT STEEL. Y STORE MANAGER TO MINIMIZE DISRUPTION TO STORE OPERATION.
4. ALL NEW STEEL PLACEMENT AND HOLDING SHALL BE EXAMINED AND CERTIFIED BY AN INDEPENDENT TESTING LAB. COPIES OF THESE REPORTS SHALL BE SUBMITTED TO HARRIS, TEETER, AND BONDURANT ASSOCIATES FOR REVIEW.

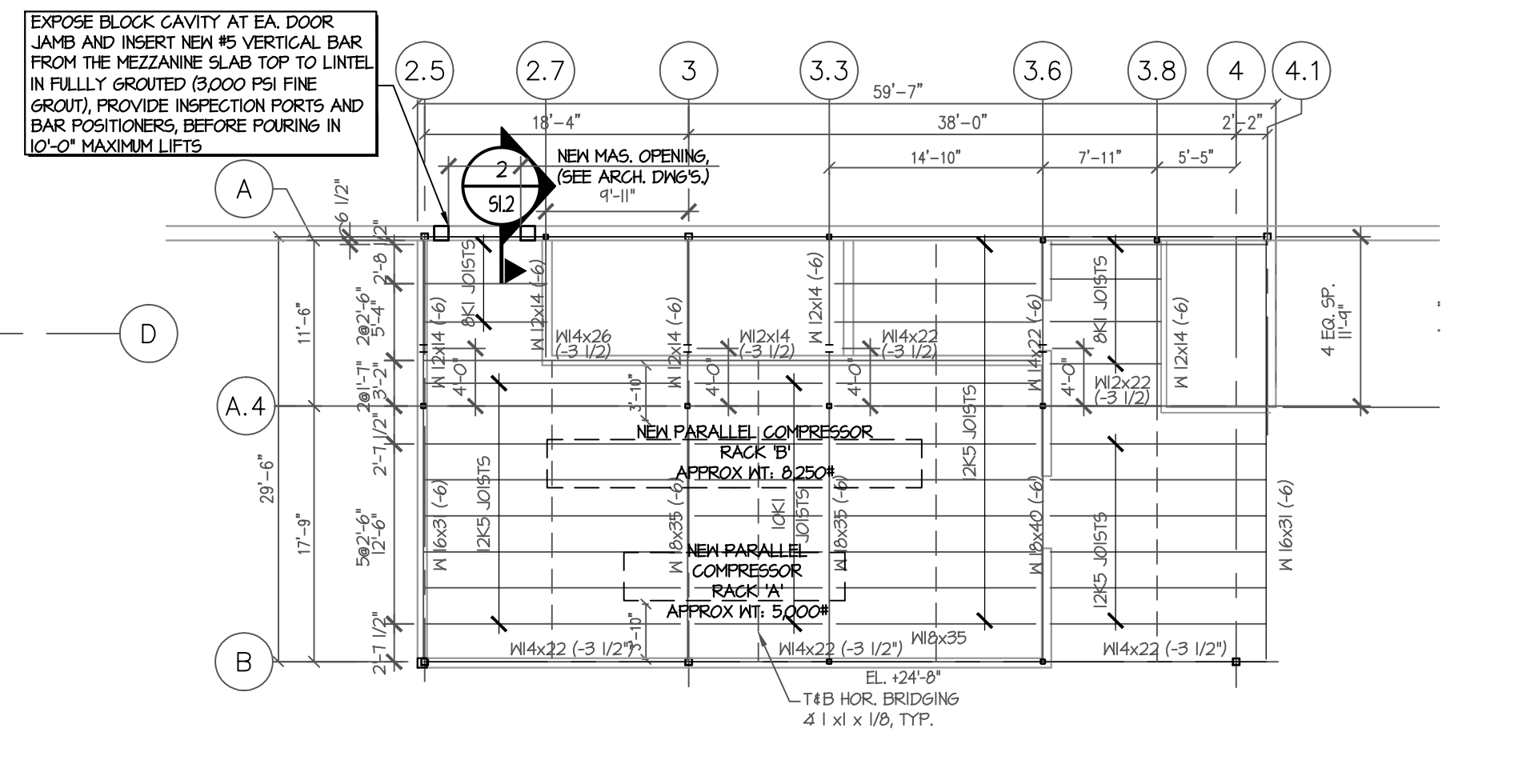
PLAN NOTES:

1. FIELD VERIFY NEW AND REPLACEMENT ROOF DECK (FIELD VERIFY PROFILE MATCHES EXISTING) SHALL BE 1/2" (1/2 GAUGE) WIDE RIB PAINTED STEEL IN ACCORDANCE WITH THE S.D.I. AND THESE DRAWINGS 4 SPECIFICATIONS, AND SHALL BE MECHANICALLY FASTENED AT 4" ON-TENS SCREWS, AS FOLLOWS:
 - A. EACH RIB (8" @) AT EACH SUPPORT BY 3 - #12 SIDE LAP STITCH SCREWS EQUALLY SPACED.
2. PROVIDE 4" x 3" x 1/4" MIN UNLESS OTHERWISE NOTED) FRAME AROUND ALL ROOF OPENINGS LARGER THAN 8" SQUARE (ALL OPENINGS NOT SHOWN) COORDINATE SIZE, LOCATION AND NUMBER OF OPENINGS WITH ARCH, MECH, ELEC, ETC. DRAWINGS AND VERIFY WITH OWNER. WHERE EXISTING FIXTURES AND/OR EQUIPMENT BELOW ROOF DECK, CONFLECT WITH LATERAL BRIDGING, DISCONTINUE AND PROVIDE "Y" BRIDGING BETWEEN JOISTS ON EACH SIDE OF BRIDGING INTERSECTION. SEE TYPICAL ROOF OPENING LAYOUT.
3. WHERE EQUIPMENT OR ITS SUPPORTING MEMBERS BEAR ON OR ARE HUNG PROVIDE 4" x 3" x 1/2" x 1/4" MIN (6" @) SPANNING BETWEEN JOISTS FROM JOISTS AT A LOCATION OTHER THAN A TOP OR BOTTOM GIRD PANEL POINT. PROVIDE ANGLE STRUTS PER TYP REIN. JOIST DETAIL, THIS SHEET. BEAM SLICES SHALL BE IN ACCORDANCE WITH THESE DRAWINGS.
4. STRUCTURAL STEEL SHALL CONFORM TO ASTM A500, TYPE "B" OR "C". GRADE B AND STEEL TUBING SHALL CONFORM TO ASTM A500, GRADE B. WIDE FLANGE SHAPES SHALL CONFORM TO ASTM A500, GRADE 50. ALL OTHER SHAPES AND STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH THE AISC "MANUAL OF STEEL CONSTRUCTION" (LATEST EDITION).
5. ALL WELDING SHALL BE IN ACCORDANCE WITH THE AISC "STRUCTURAL WELDING CODE" (LATEST EDITION), W601 ENX05 ELECTRODES, W601.
6. NO PIPE, CONDUIT, OR EQUIPMENT SHALL BE SUPPORTED FROM JOIST BRIDGING OR METAL DECK. PROVIDE INDEPENDENT SUPPORT MEMBER GUDED BY CONTRACTOR ATTACHED AT JOIST PANEL POINT.
 - 1. THE EXISTING ROOF STRUCTURE AS SHOWN ON THIS PLAN IS APPROXIMATE TO SUPPORT SUBMITTAL REQUIREMENTS AND DESIGN CAPACITIES. LOADS (CALCULATED AND OBSERVED) BASED ON THE INFORMATION PROVIDED TO THE ENGINEER. THE ENGINEER IS NOT RESPONSIBLE FOR THE ACCURACY OF THE EXISTING STRUCTURE PRIOR TO CONSIDERING THE UNITS. ADDITIONALLY, DUE TO THE REQUIREMENTS WITH EQUIPMENT LOADS DO NOT OCCUR AT A JOIST PANEL POINT, REFER TO NOTE 3, ABOVE.
 - 2. STRUCTURAL LOADS & CAPACITIES USED IN DESIGN OF THIS STRUCTURE ARE AS FOLLOWS BASED ON THE PROVISIONS OF THE 2005 NORTH CAROLINA EXISTING BUILDING CODE (ALL LOADS ARE PER THE 2002 NORTH CAROLINA STATE BUILDING CODE):
 - A. SLAB-ON-GRADE: 100 psf
 - B. ROOF DEAD LOAD: 10 psf
 - C. ROOF LIVE LOAD: 20 psf
 - D. SNOW LOAD DESIGN DATA: 20 psf
 - E. WIND LOAD DESIGN DATA:
 - 1. BASIC WIND SPEED: 100 mph (3-SECOND GUST)
 - 2. WIND IMPORTANCE FACTOR, I = 1.0
 - 3. WIND EXPOSURE CATEGORY: C



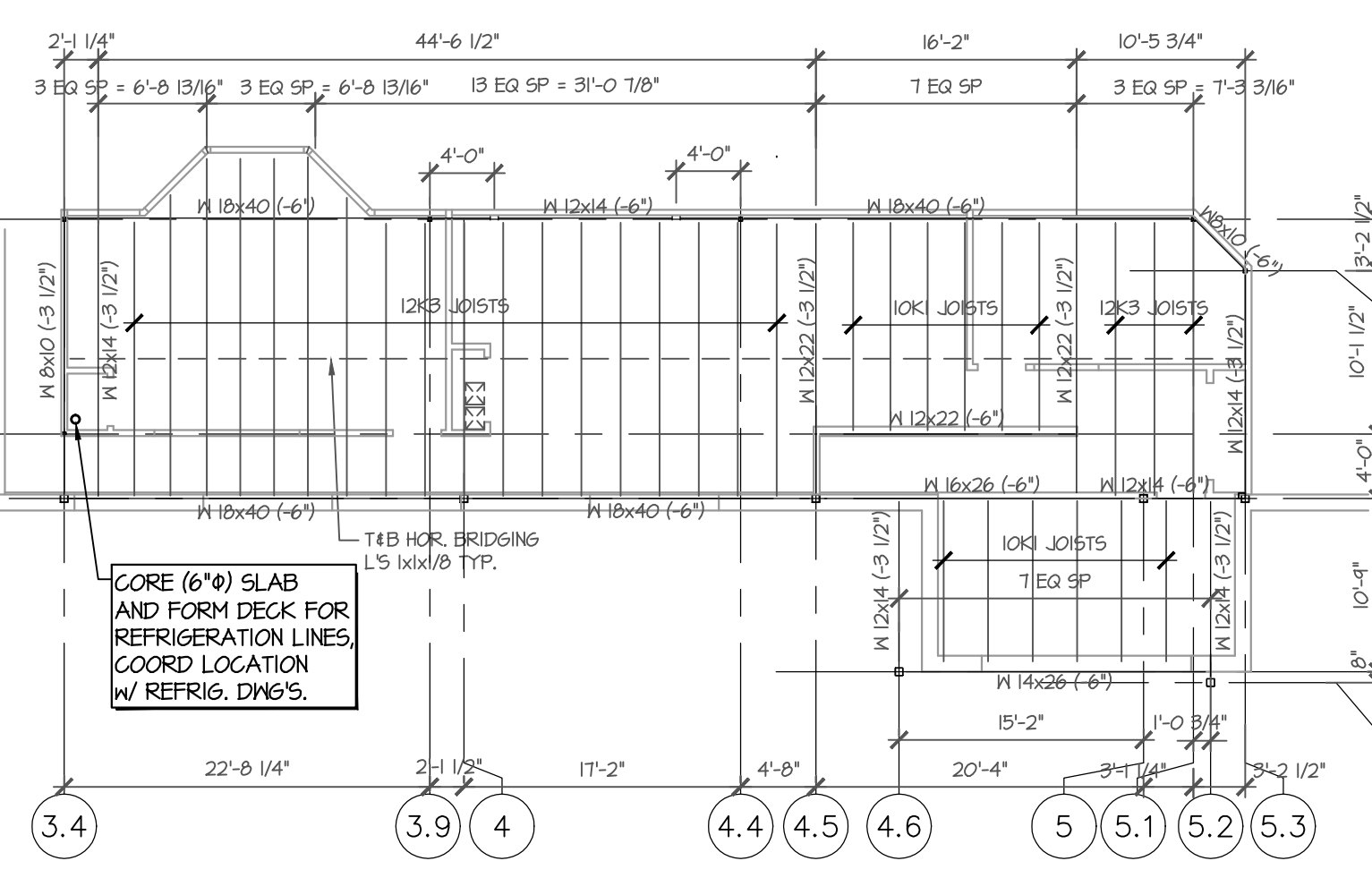
COMPRESSOR RM ROOF FRAMING PLAN

SCALE: 3/32" = 1'-0"



COMPRESSOR RM FLOOR FRAMING PLAN

SCALE: 3/32" = 1'-0"



MEZZANINE FLOOR FRAMING PLAN

SCALE: 3/32" = 1'-0"

PROJECT MANAGER:
Cody Sherrill

DR. BY:
GEP

REV.	DATE	DESCRIPTION
No. 1	Date: 10-24-18	
No. 2	Date:	
No. 3	Date:	
No. 4	Date:	
No. 5	Date:	
No. 6	Date:	
No. 7	Date:	
No. 8	Date:	
No. 9	Date:	
No. 10	Date:	

SHEET NAME:
EXISTING AND NEW WORK ROOF AND MEZZANINE FRAMING PLANS