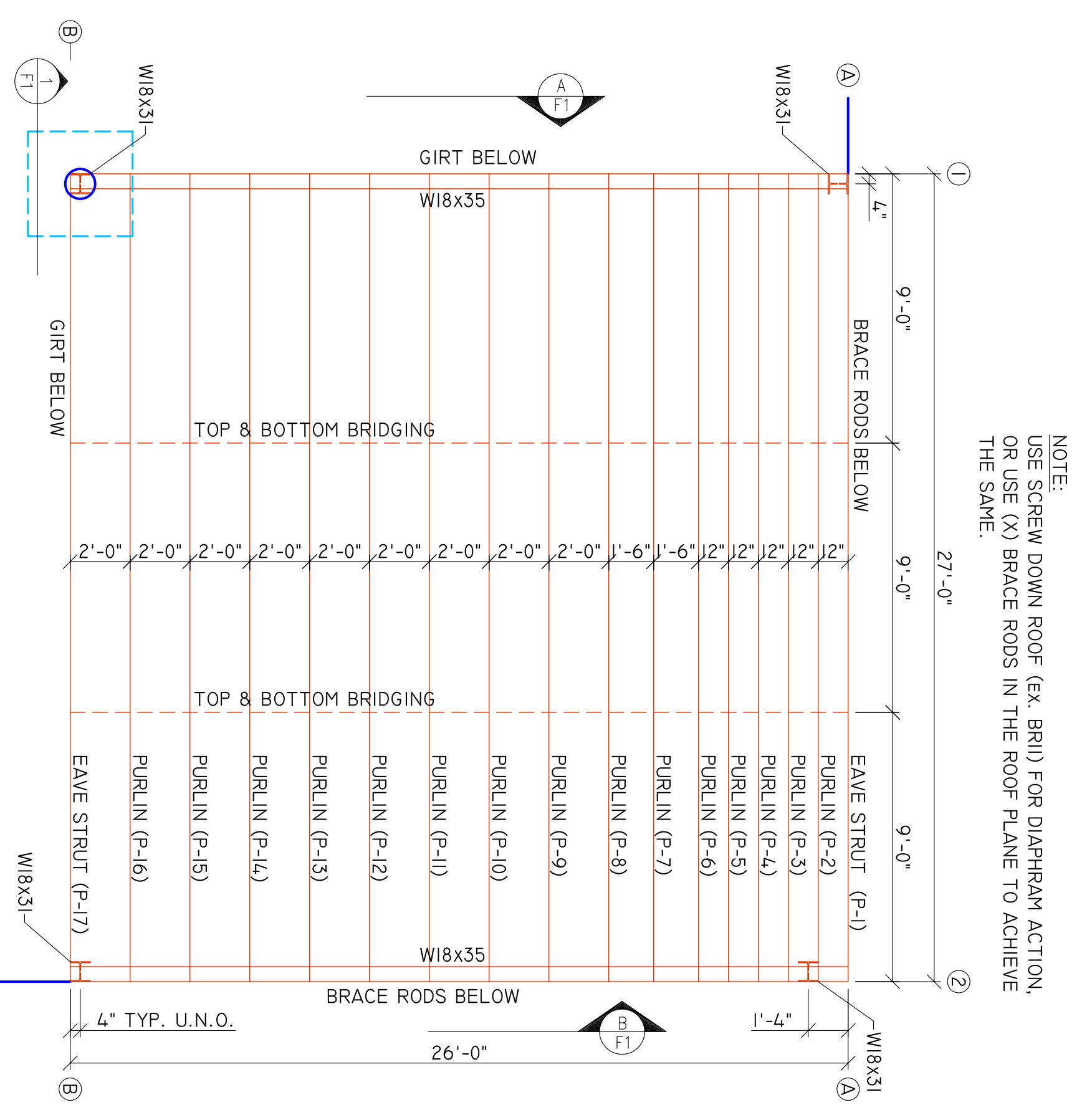


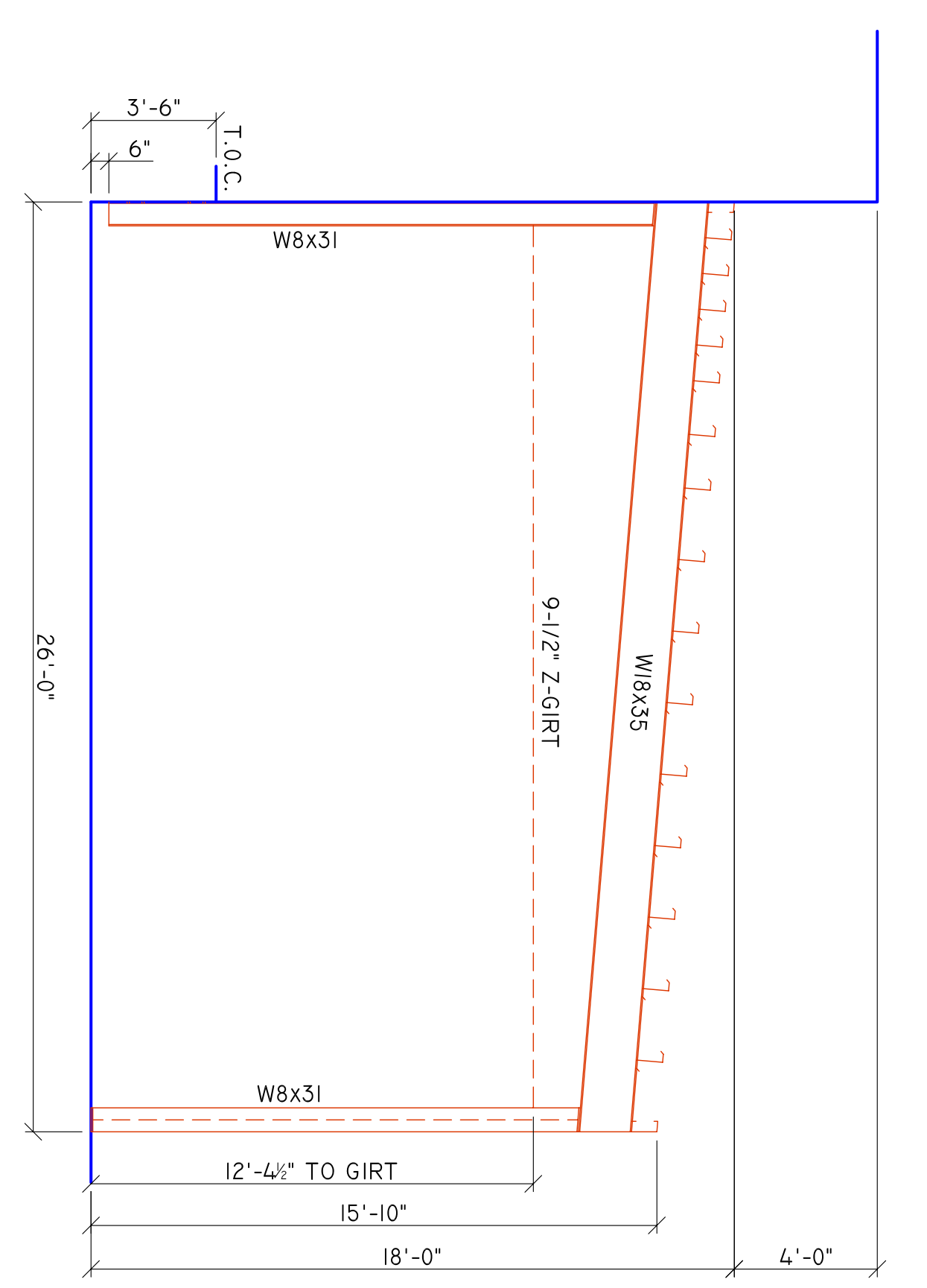
BUILDING SITE
1/4" = 1'-0"

- STRUCTURAL NOTES:**
- DESIGN LOADS: GROUND SNOW = 50PSF
COLLATERAL = 1PSF
ROOF LIVE LD = 16RSF
WIND LOAD = 90PSF
+ DRIFTING IN BOTH DIRECTIONS
+ DEAD LOAD OF STRUCTURALS
EXPOSURE B.
 - DESIGN BASED UPON 1999 BOCA BUILDING CODE.
 - FOUNDATION IS DESIGNED FOR 3000PSF SOIL BEARING STRENGTH AT 28 DAYS
 - ALL CONCRETE SHALL ACHIEVE 3000PSI COMPRESSIVE STRENGTH AT 28 DAYS
 - ALL REBAR TO BE GRADE 60 AND ASTM A-616.
 - LAP ALL REBAR SPLICES 36 BAR DIAMETERS. (#4 BAR = 1'-6" #5 BAR = 2'-0" #6 BAR = 2'-3" #7 BAR = 2'-8").
 - FOUNDATION MUST BE SQUARE, LEVEL, PLUMB AND SMOOTH. LOCATE ANCHOR BOLTS BY MEANS OF A TEMPLATE. DO NOT HAND SET ANCHOR BOLTS.
 - ANCHOR BOLTS MUST BE ASTM A-307 OR ASTM F-1554.
- DESIGN REQUIRES TEMPORARY CABLE BRACING OF THE ROOF PLANE UNTIL ALL BRIDGING AND SCREW DOWN ROOF IS INSTALLED.
 - COLUMNS A-1, A-2, AND B-2 ARE ANCHORED TO THE EXISTING CONCRETE WALL W/ (8) 3/4"Ø EXPANSION ANCHORS EACH W/ 6" EMBED. MAINTAIN 4" MINIMUM EDGE DISTANCE OF ANCHORS AND EDGE OF CONCRETE.

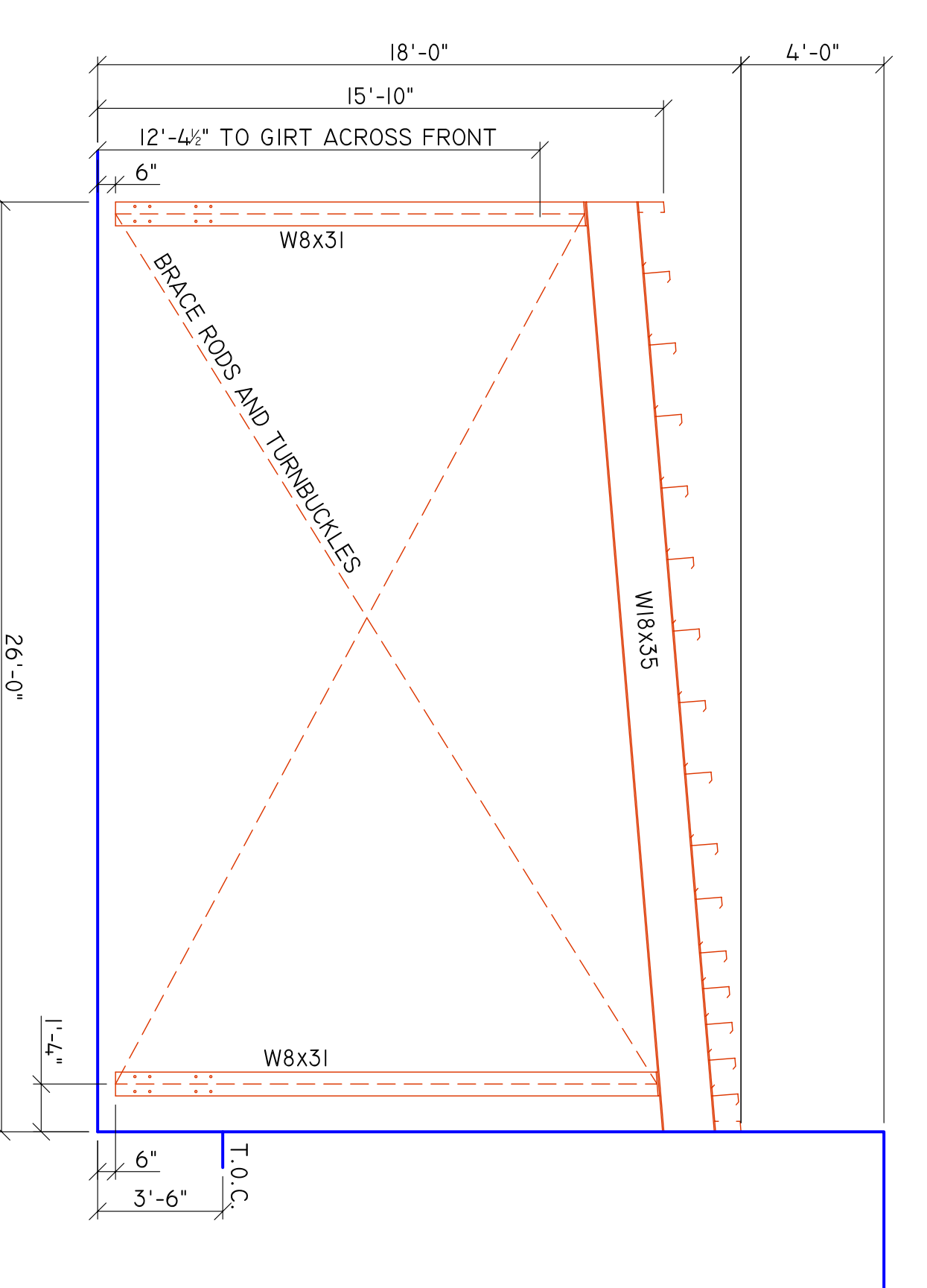


NOTE:
USE SCREW DOWN ROOF (EX. BRU) FOR DIAPHRAGM ACTION,
OR USE (X) BRACE RODS IN THE ROOF PLANE TO ACHIEVE
THE SAME.

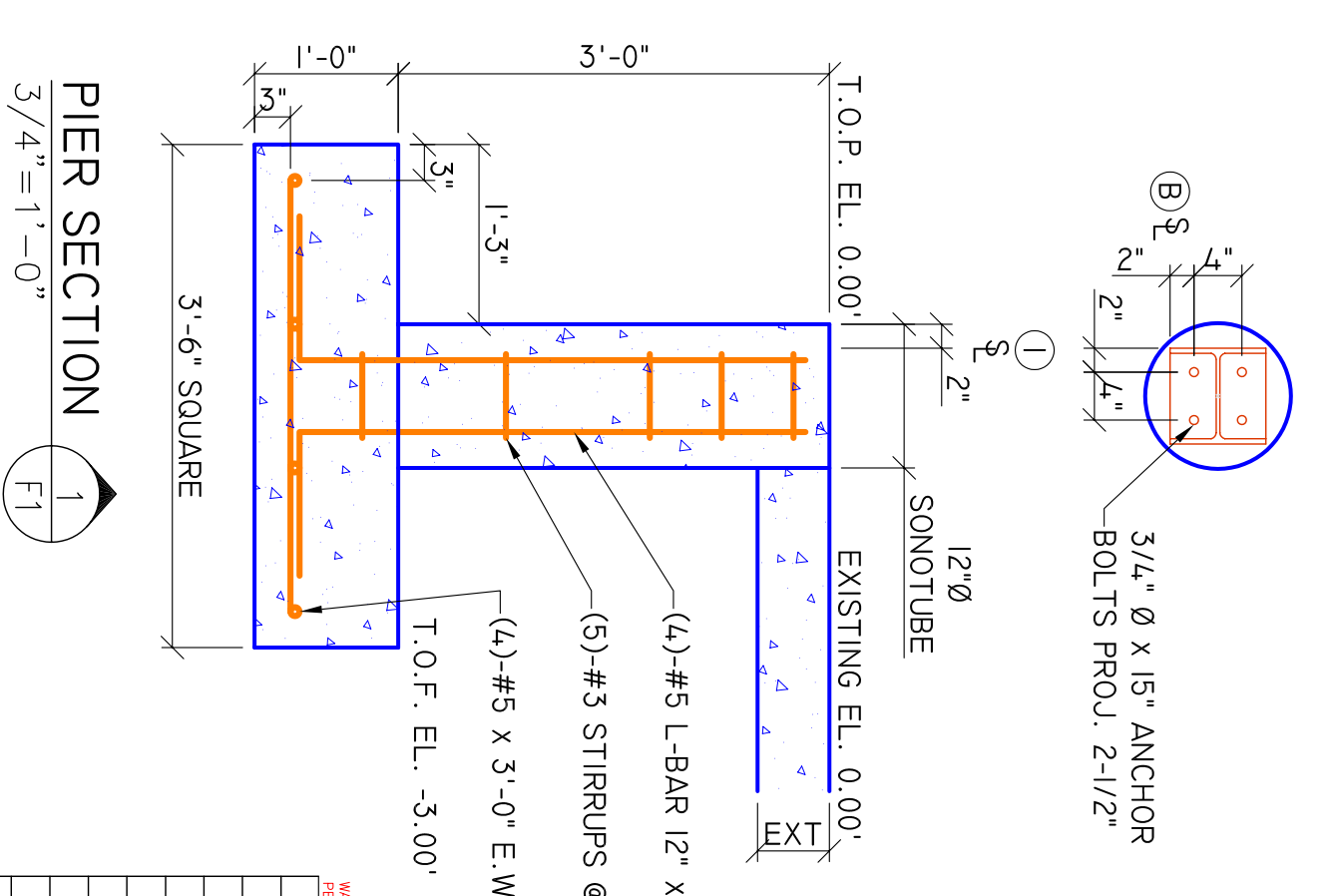
STRUCTURAL PLAN
1/4" = 1'-0"



ELEVATION
1/4" = 1'-0"



ELEVATION
1/4" = 1'-0"



PIER SECTION
3/4" = 1'-0"

DATE	REVISION	EST. NO.	TYPE	SCALE	DATE
		83864		AS NOTED	06/18/04

Engineering Designs For
NICHOLS OF PORTLAND
 2400 CONGRESS STREET
 PORTLAND, MAINE

FOUNDATION PLAN
 AND
 STRUCTURAL DETAILS

DESIGN BUILDER

ENGINEERING
 DATE NO.
 F1

Sheridan
 Structural Engineering, Inc.
 1000 FAIRFIELD
 PORTLAND
 MAINE