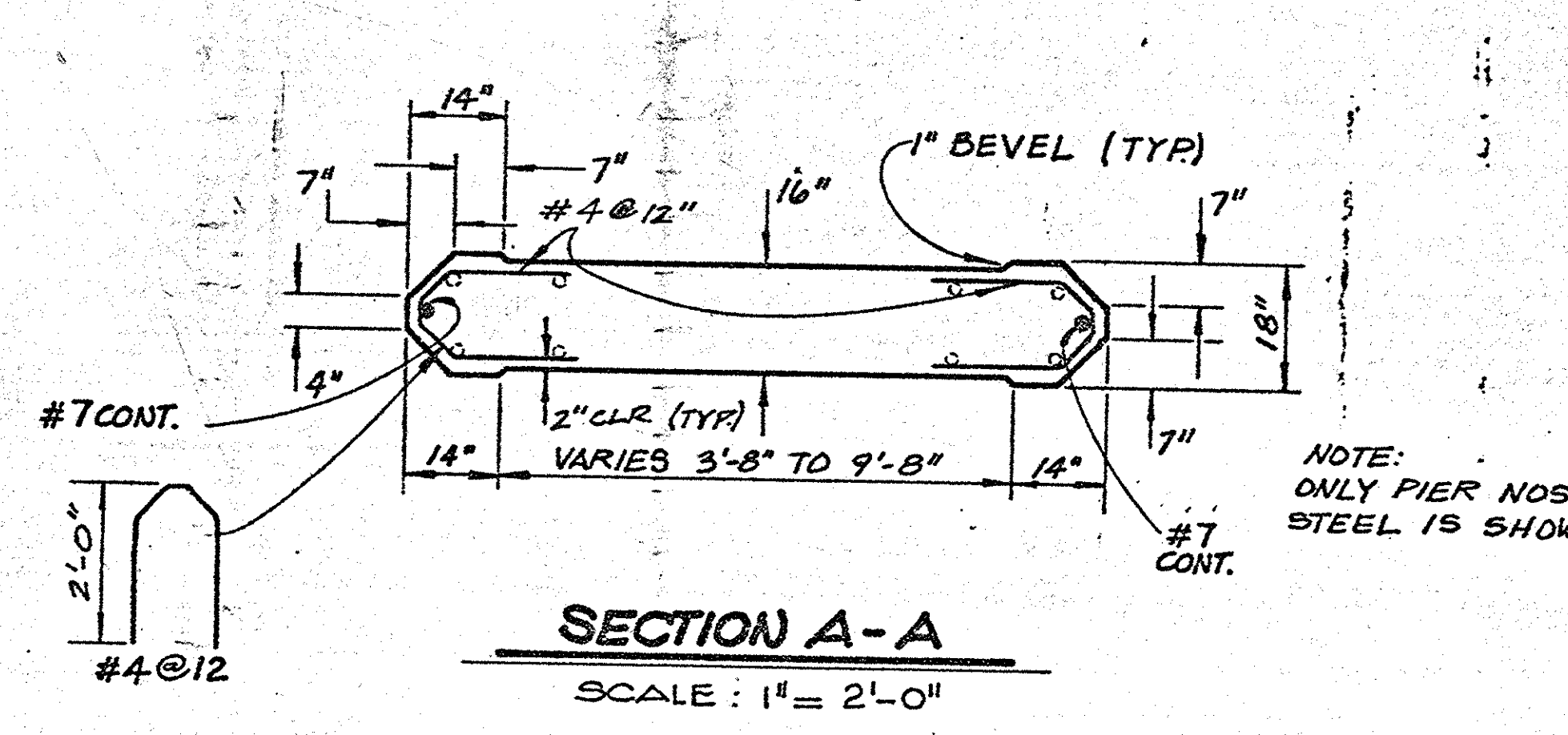
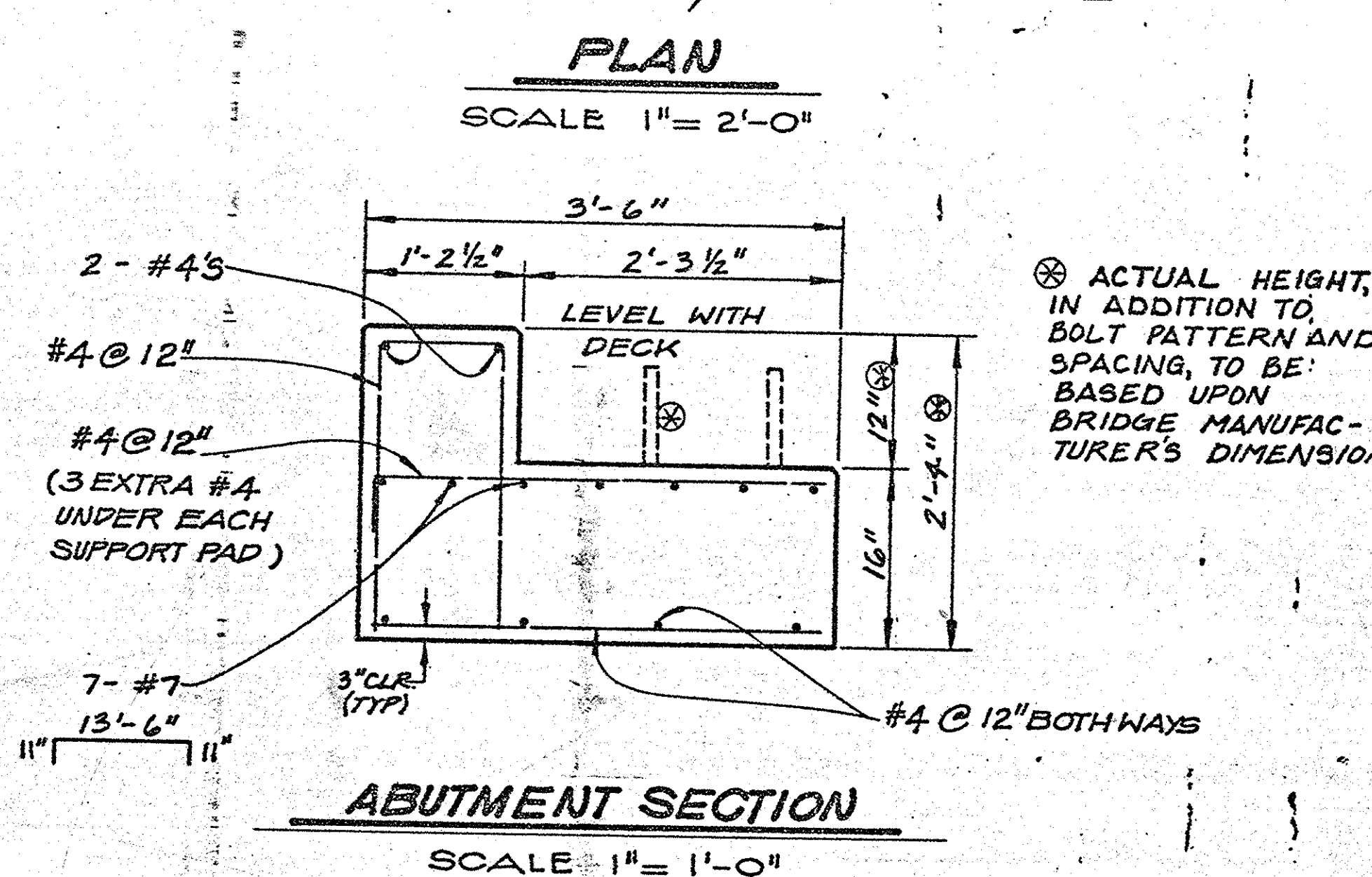
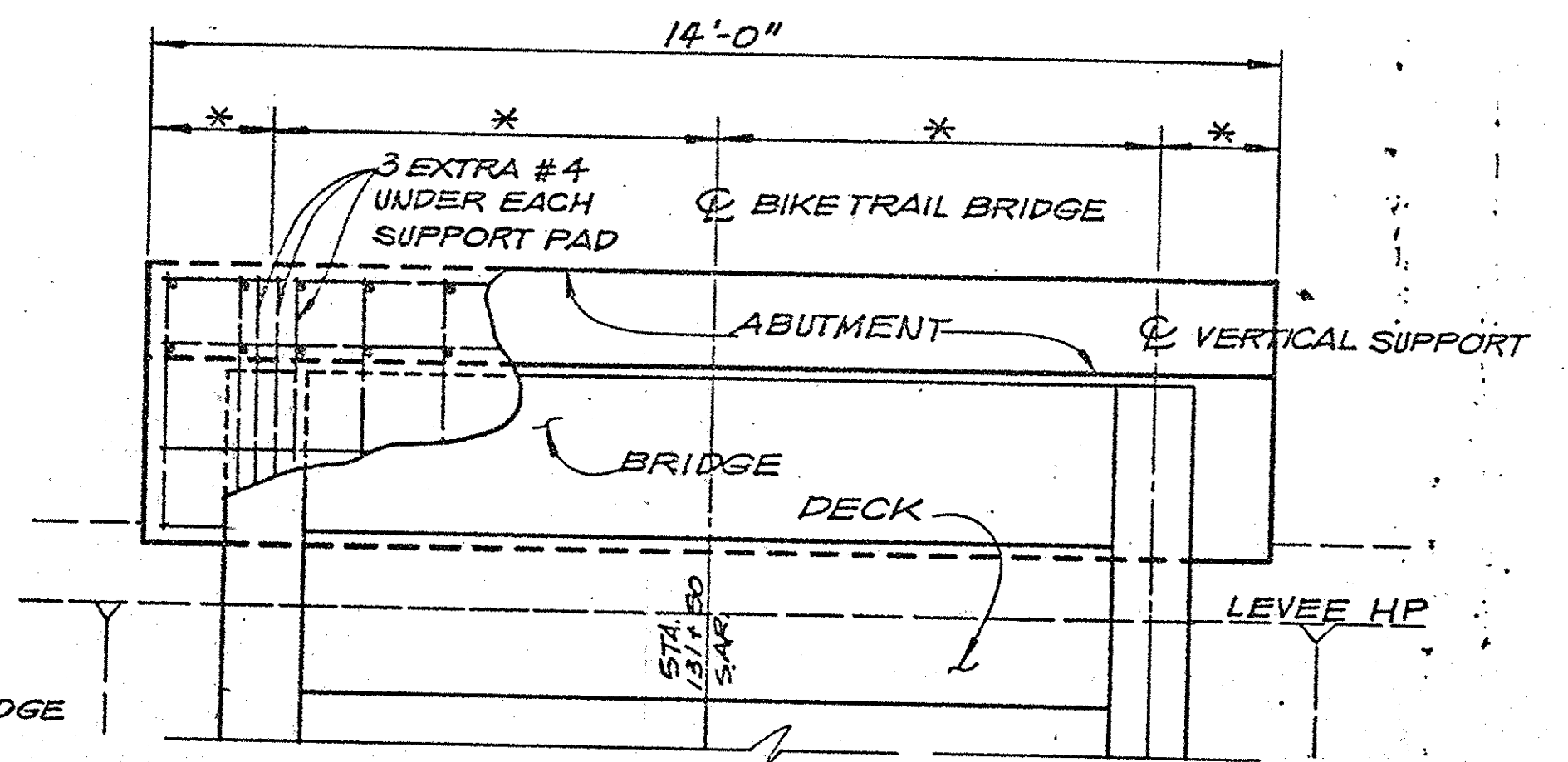
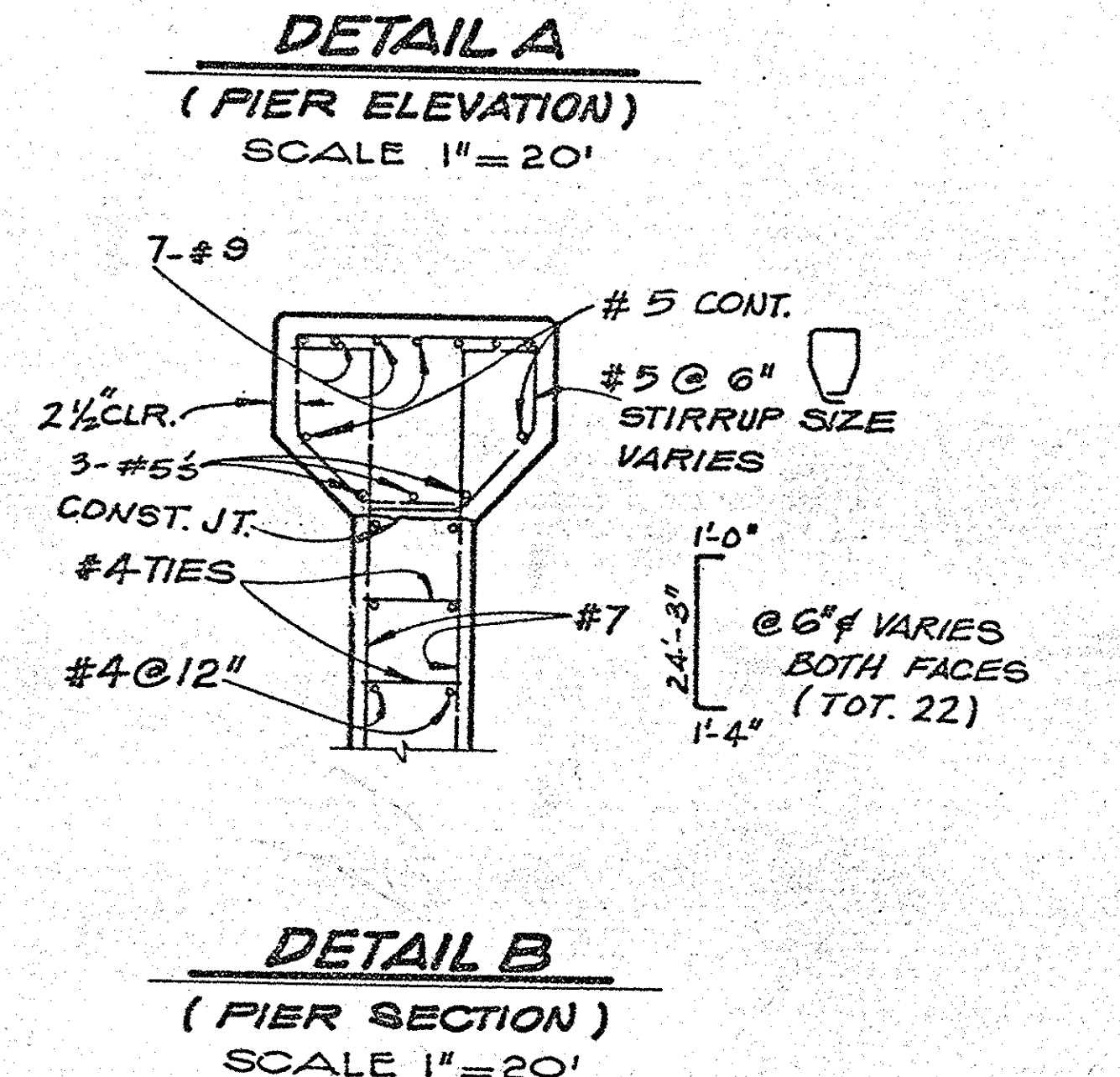
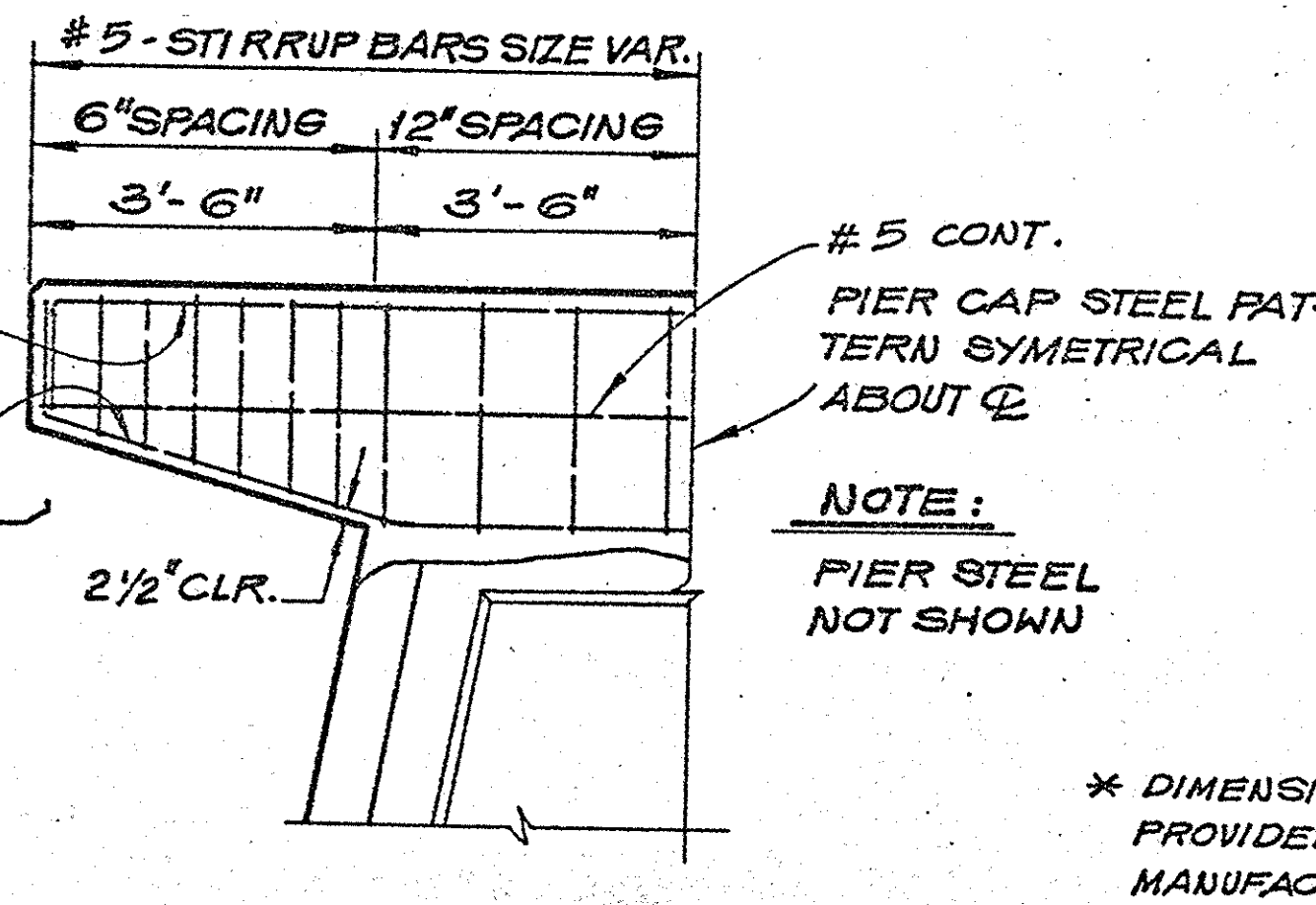
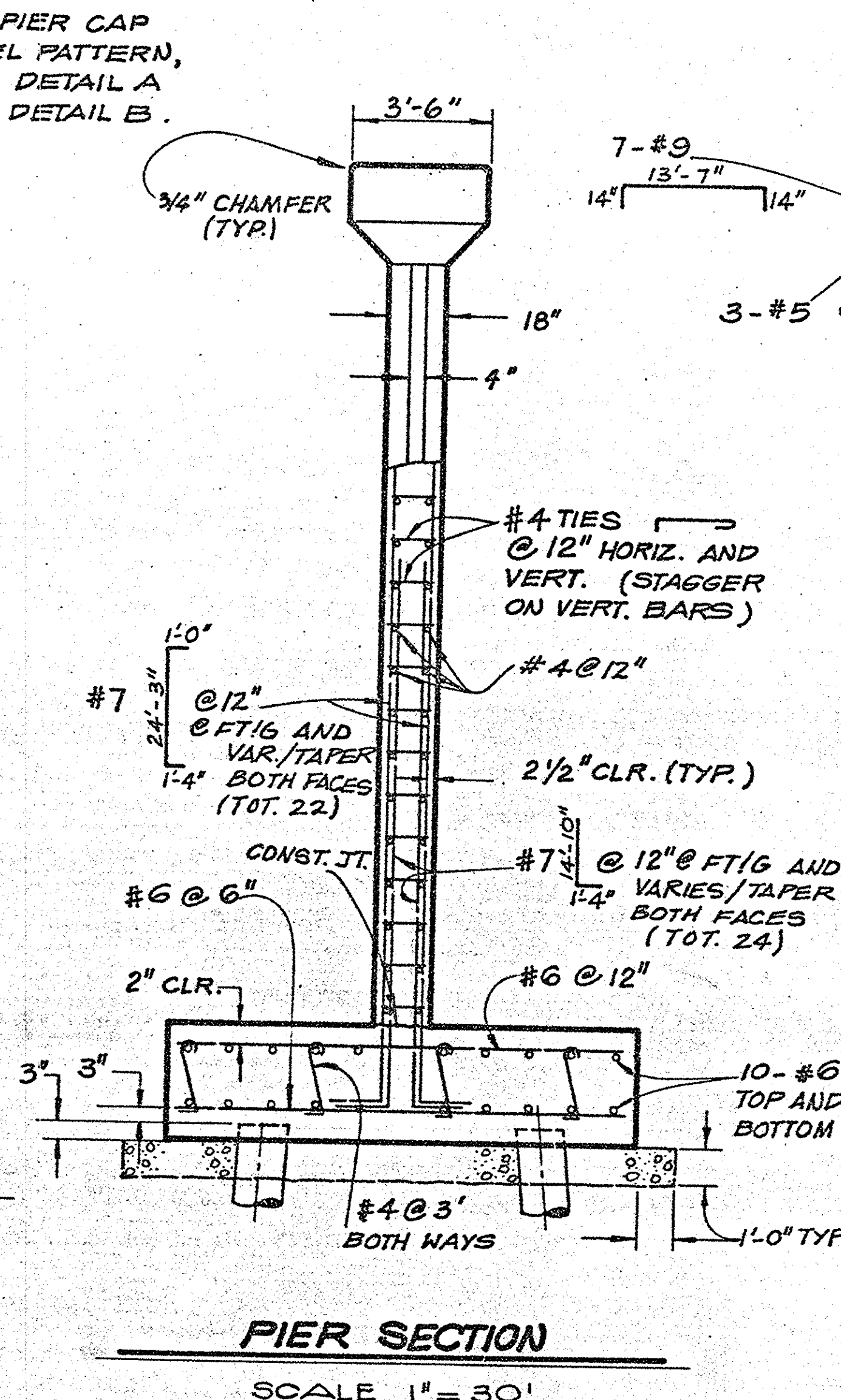
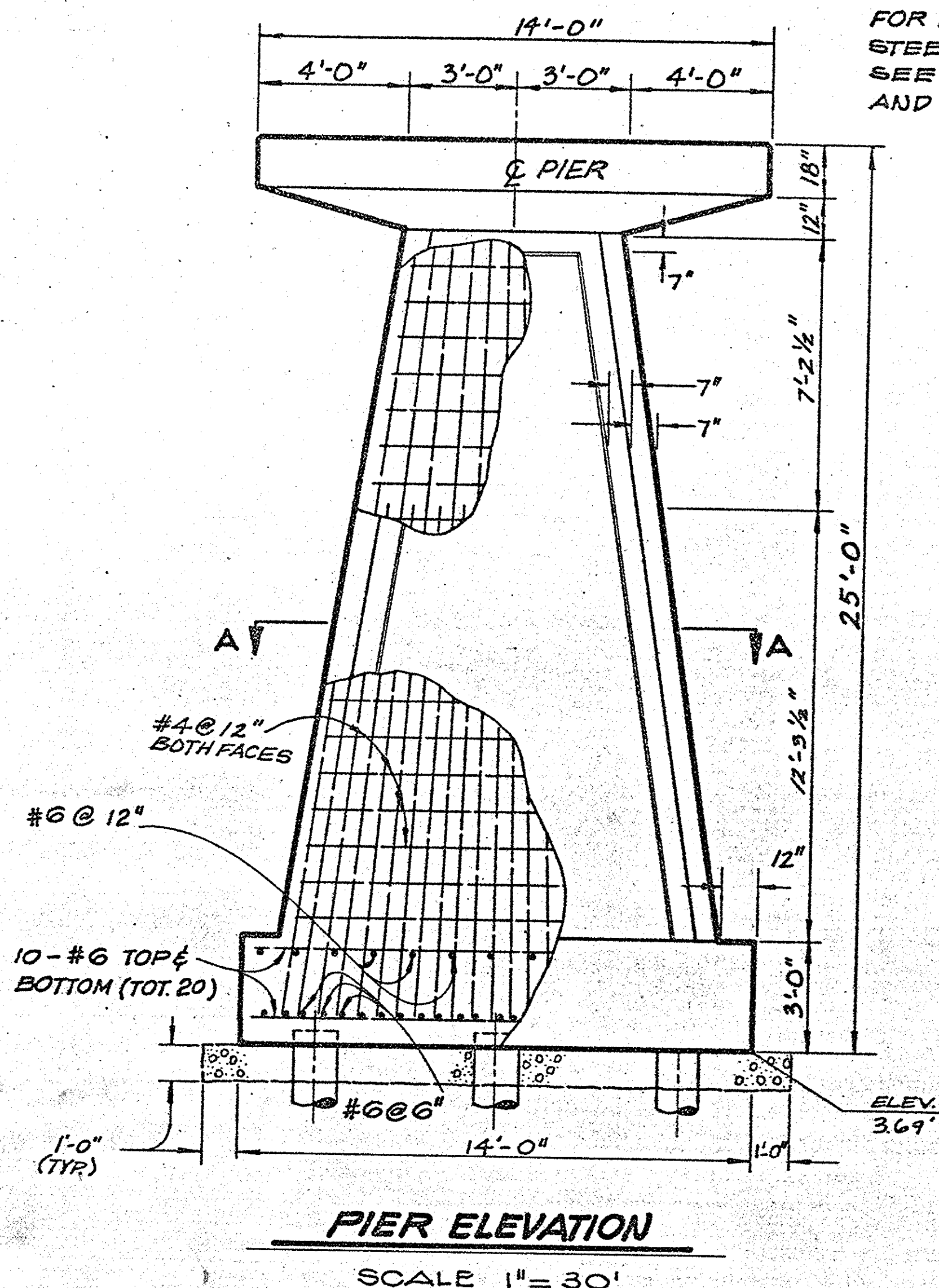




GENERAL NOTES

SPECIFICATIONS
 DESIGN : AASHTO, DATED 1977 WITH SUBSEQUENT REVISIONS, AND CALIFORNIA DIVISION OF HIGHWAY BRIDGE PLANNING AND DESIGN MANUAL, AS MODIFIED BY CAL TRANS.
 CONSTRUCTION : STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, DATED 1982, AND THE SPECIAL PROVISIONS.

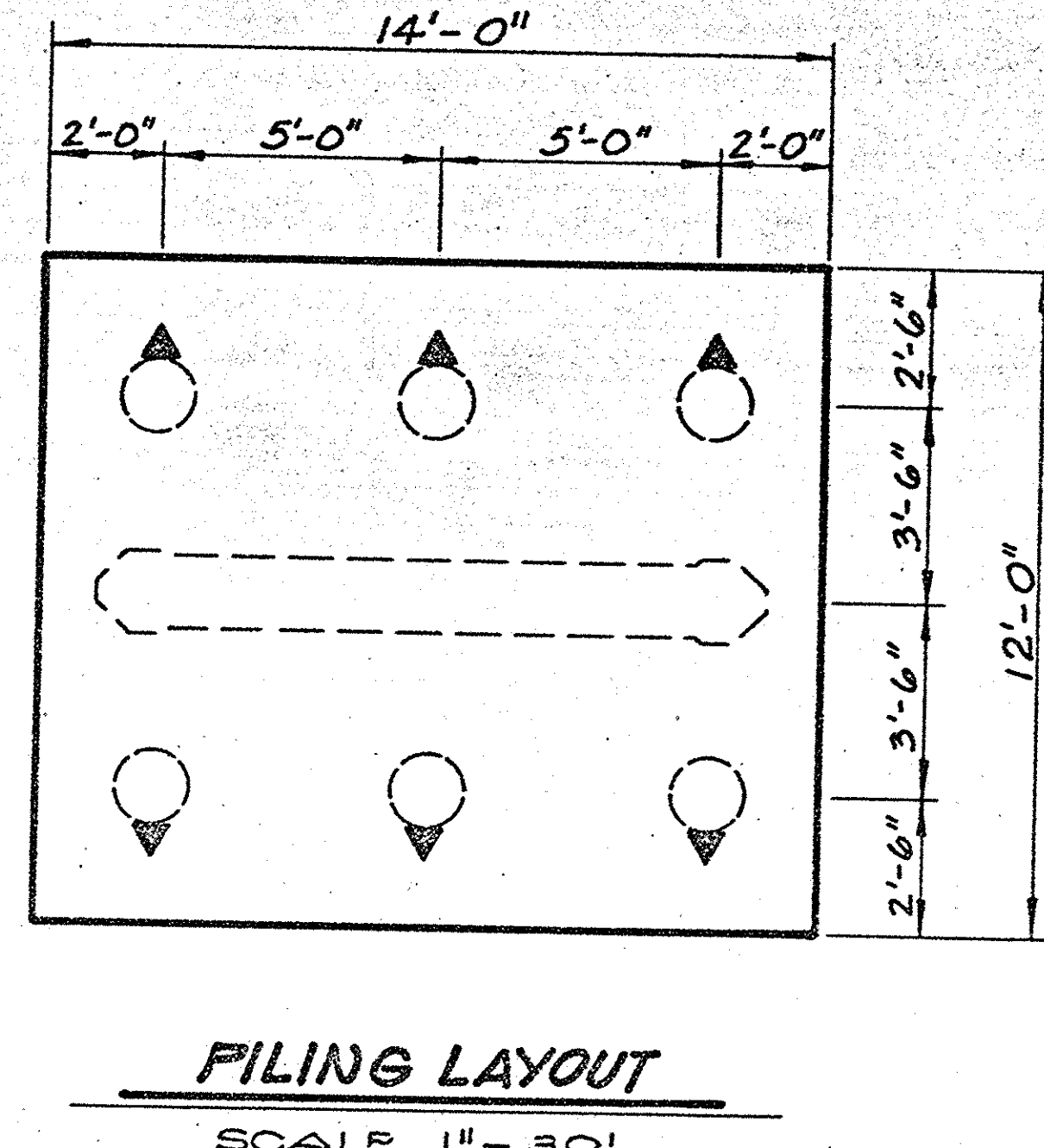
LIVE LOADING
 85 POUNDS PER SQUARE FOOT.

UNIT STRESSES
 REINFORCING STEEL :
 F_s TENSION = 24,000 PSI (ASTM A615 GR. 60)
 CONCRETE : F_c = 1300 PSI
 F'_c = 3250 @ 28 DAYS

PILE LOADING
 45 TONS, TYPE : CLASS 45

SUPERSTRUCTURE
 ASTM A242 OR A588, HIGH STRENGTH, LOW ALLOY CORROSION-RESISTANT; F_y = 50,000 PSI

NOTE:
 PILE BATTER 1:12 IN DIRECTION SHOWN



ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY			
SANTA ANA RIVER BIKE TRAIL CROSSING			
ABUTMENT AND PIER DETAILS			
MARK	DATE	DESCRIPTION	PREPARED UNDER SUPERVISION OF
DESIGNED	V.P.R.	DATE	SCALE
DRAWN	H.P., T.C.R.	CHECKED	V.P.R.
AS SHOWN	APR. 85	DWG. NO.	OF 6