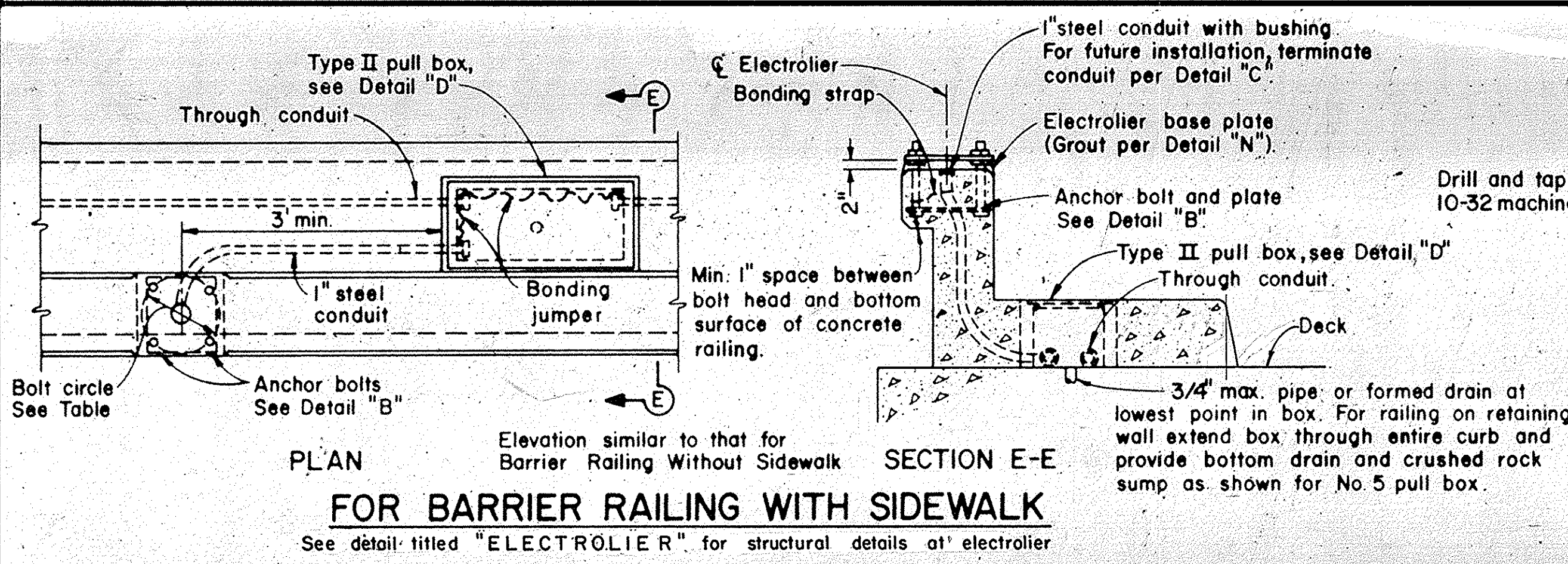
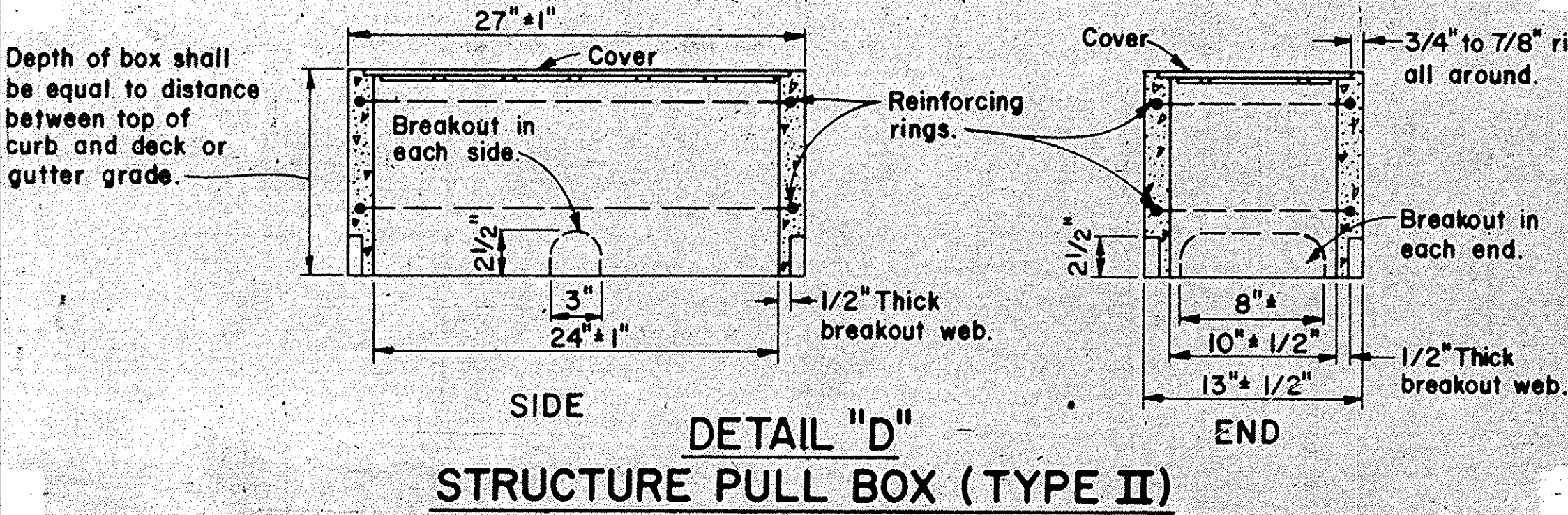
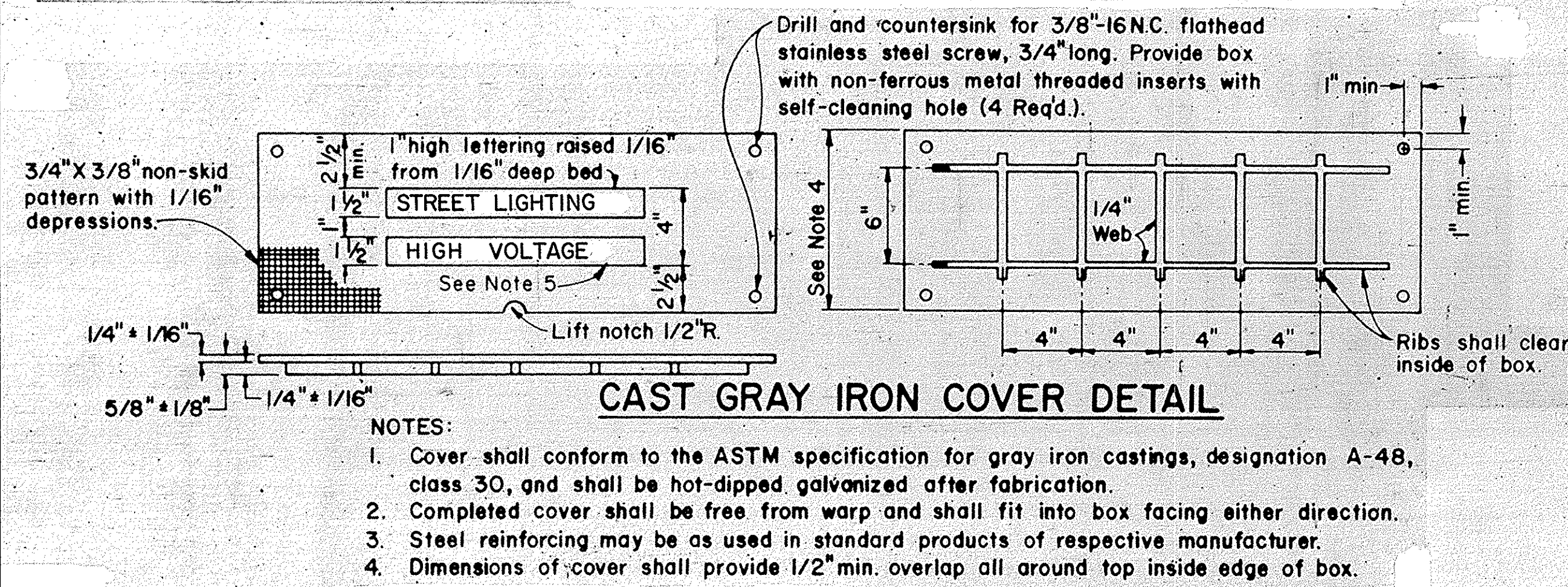




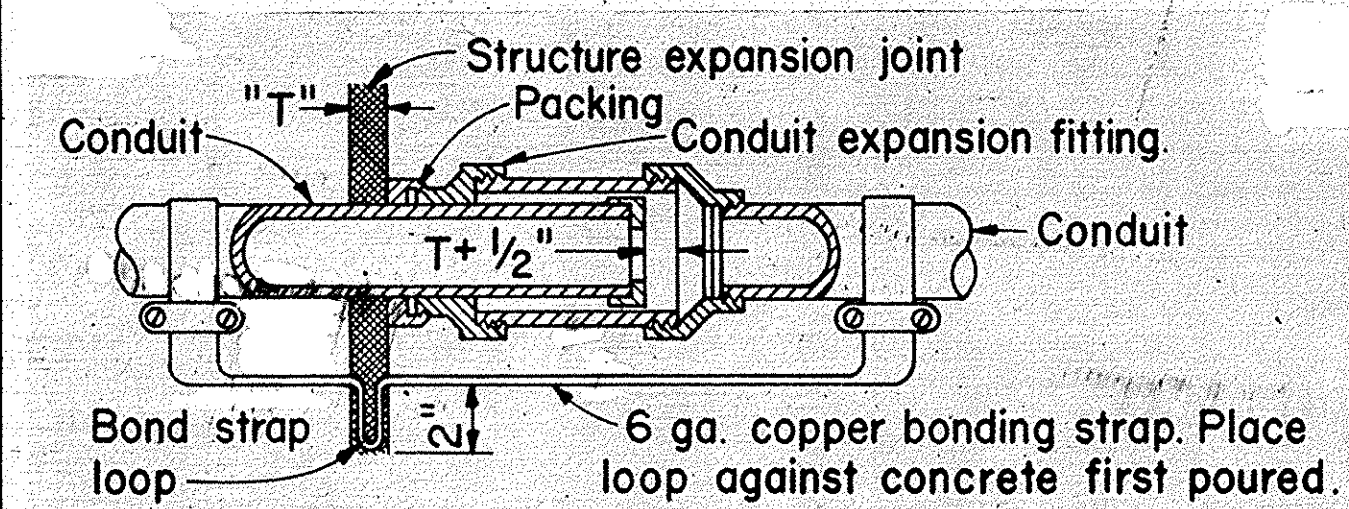
DETAIL "A" ELECTROLIER BASE AND PULL BOX INSTALLATION



DETAIL "D" STRUCTURE PULL BOX (TYPE II)

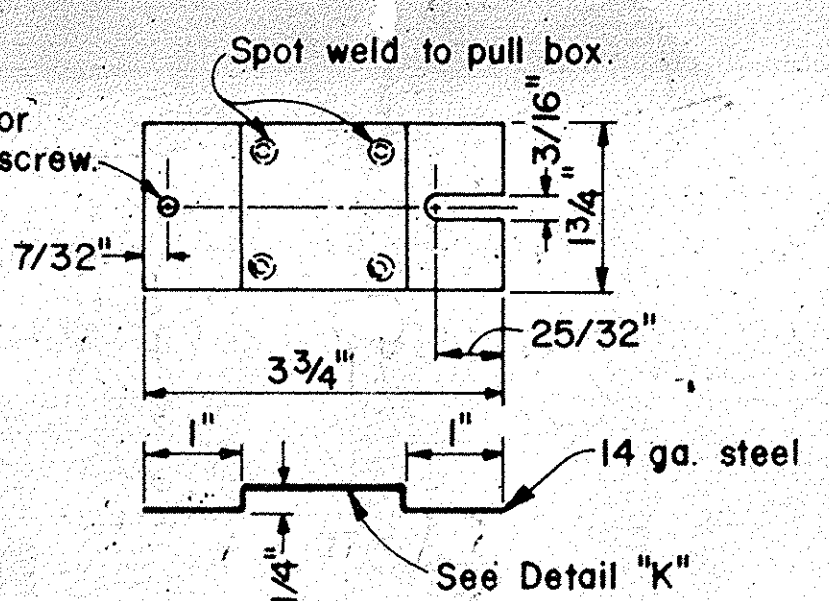


CAST GRAY IRON COVER DETAIL

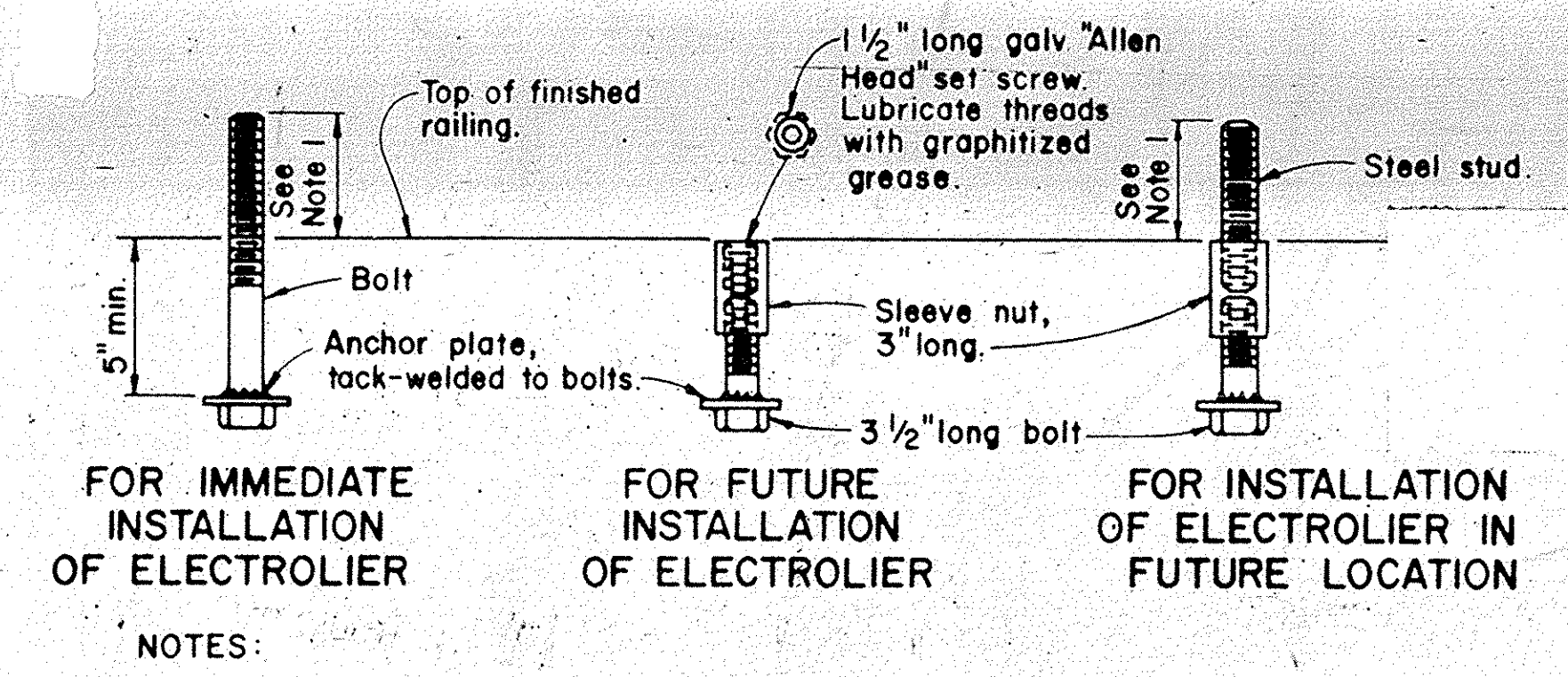


- NOTES:
1. Except for sidewalk joints, a conduit expansion fitting shall be installed at each 1/2-inch or greater structure joint, hinge or abutment.
 2. Expansion fitting shall be installed parallel to superstructure girders.
 3. Where lateral movement greater than 1/4 inch may occur, install neoprene sleeve expansion-deflection fitting straddling joint.

DETAIL "X" CONDUIT EXPANSION JOINT

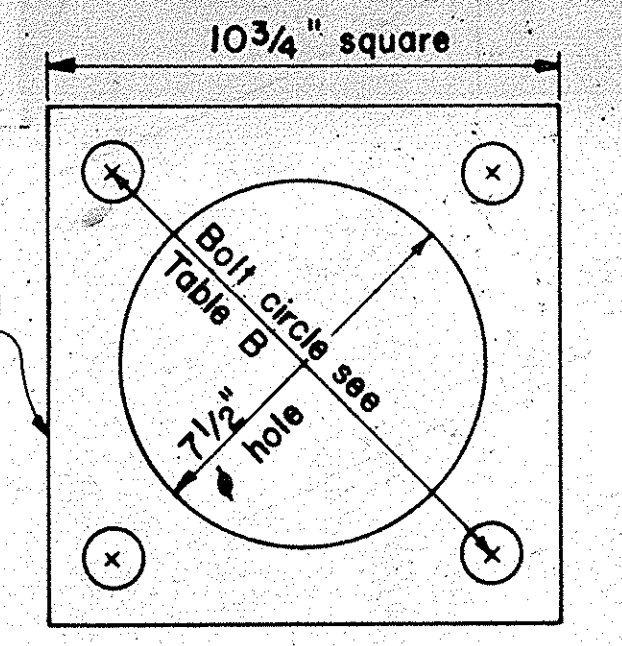


TERMINAL BLOCK MOUNTING BRACKET



- NOTES:
1. Anchor bolt or stud length shall be such that thread extends 1/2 inch maximum above nut on level base plate after grouting. See Detail 'N'.
 2. Electrolier anchor bolts shall be held in position for pouring by means of suitable templates. Deviation from the true position, vertical and height, shall not exceed 1/16 inch.

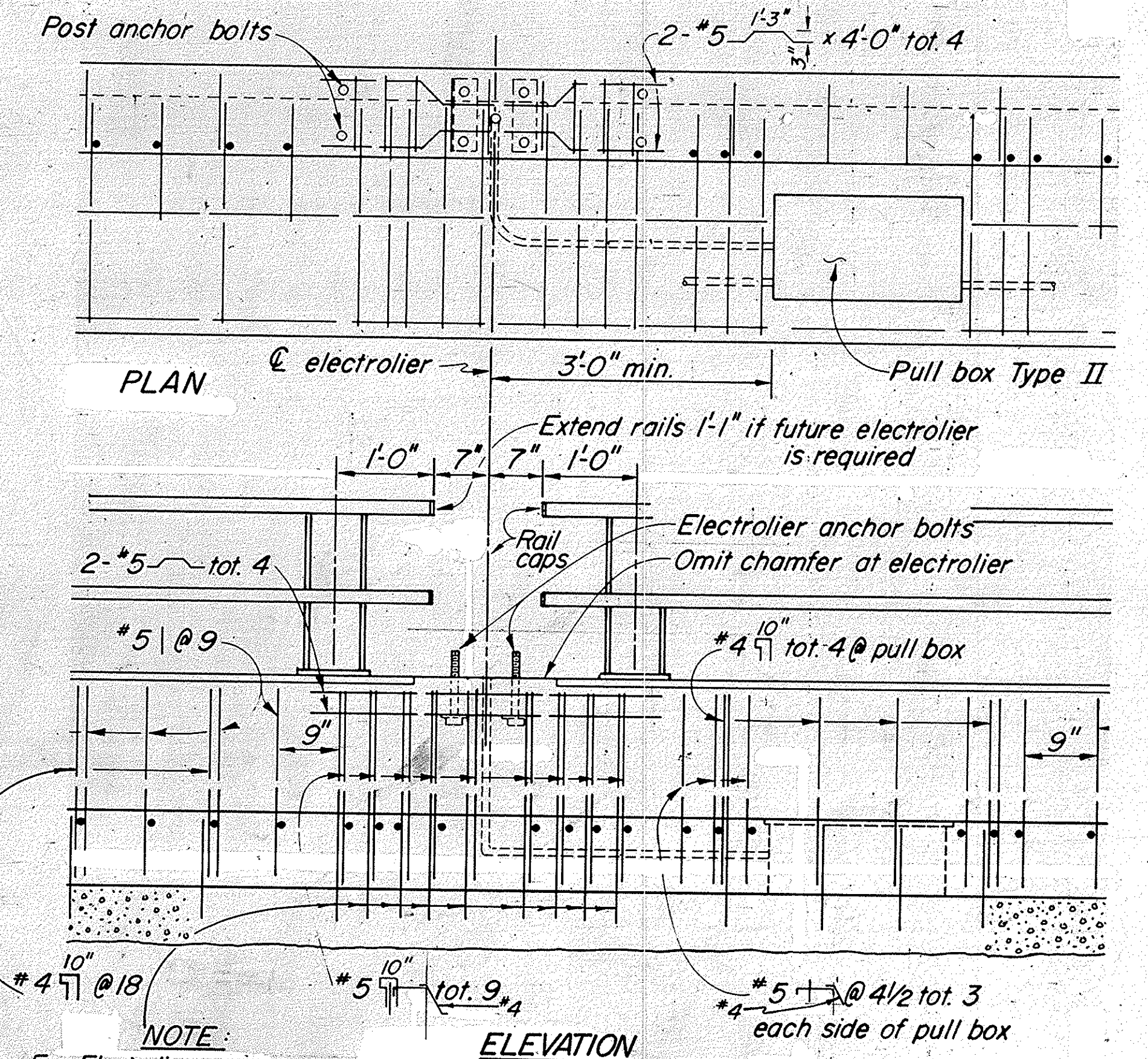
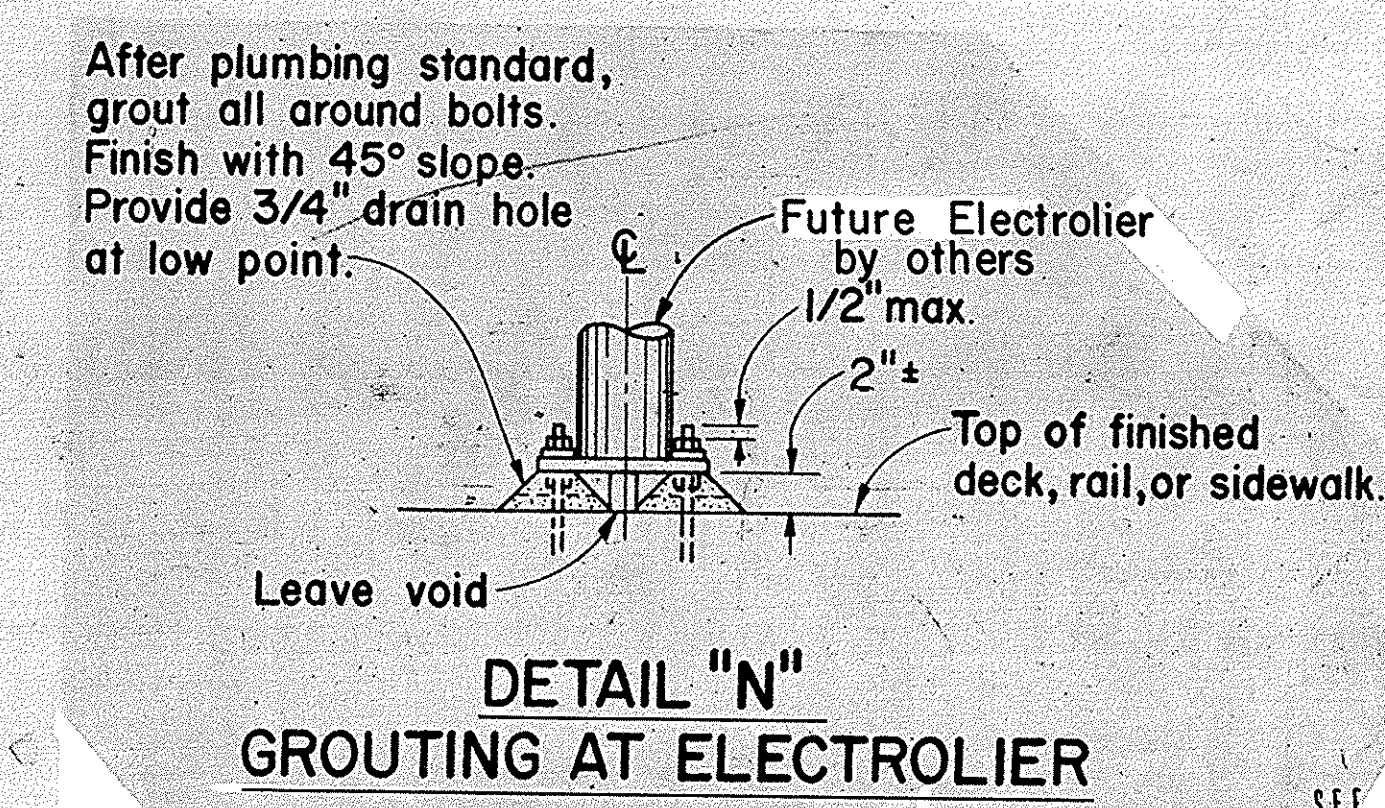
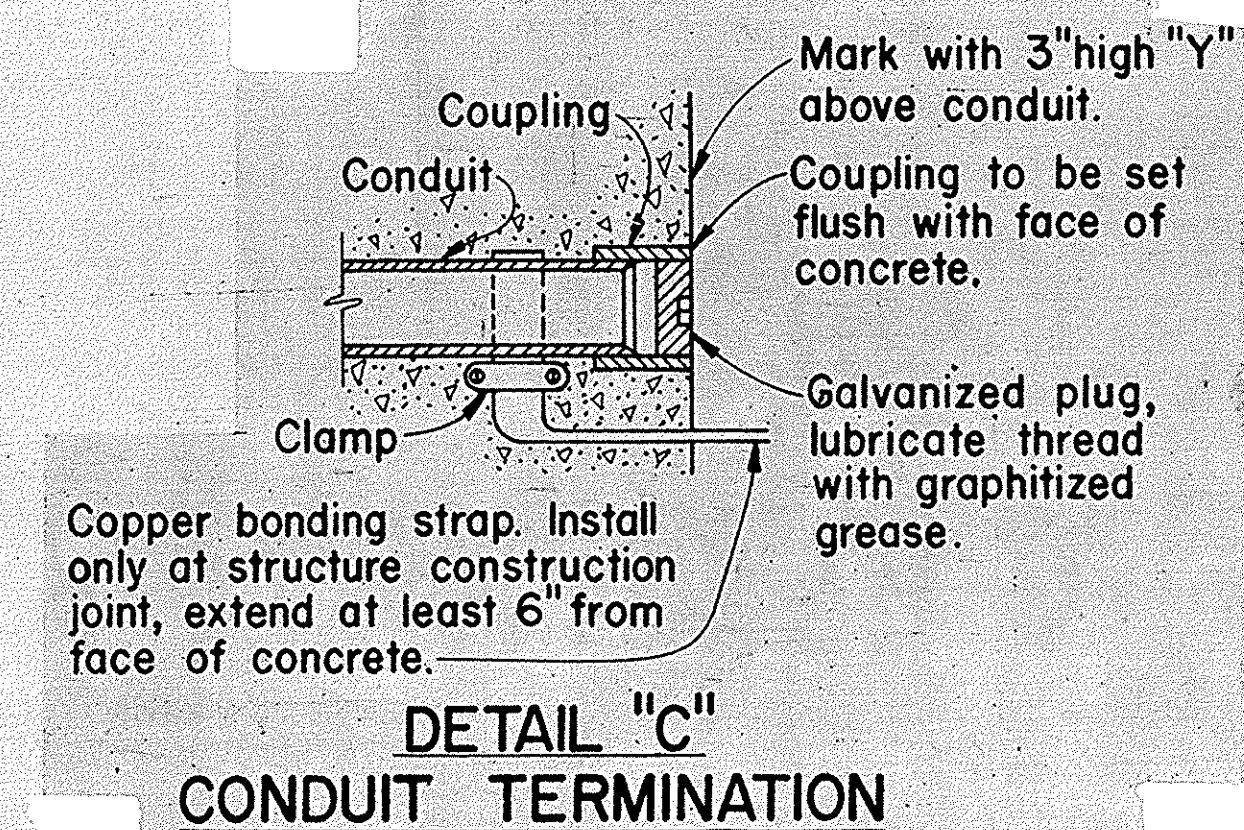
DETAIL "B" ELECTROLIER ANCHOR BOLTS



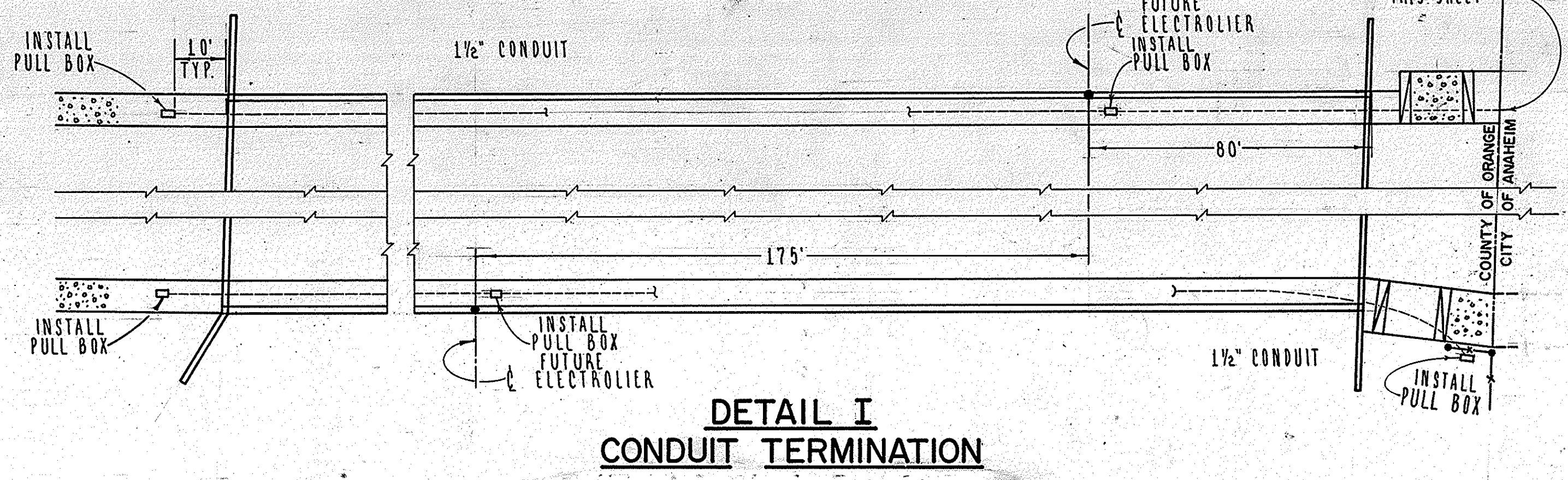
ANCHOR PLATE

TABLE B

TYPE	BOLT CIRCLE	ANCHOR BOLT DIAMETER
15	11 inch	1 inch
21	11 1/2 inch	1 1/8 inch



NOTE: For Electrolier on existing bridge drill 1 inch diameter holes (tot. 9). After placing reinforcement (11 4 inch tot. 9) fill holes with epoxy mortar.



DETAIL I CONDUIT TERMINATION

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY
LAKEVIEW AVE BRIDGE (SA-6)
WIDENING OVER SANTA ANA RIVER (EQI)
ELECTRICAL DETAILS

MARK	DATE	DESCRIPTION	PREPARED UNDER SUPERVISION OF	DATE	SHEET
DESIGNED	GENE W. FOSTER	SCALE	DATE	DWG. NO.	21
DRAWN	P.J.S.	CHECKED	DATE	OF 22	

12730
Lakeview Ave. Bridge
Sheet 21 of 22
Red. 24:1
Cronaflex

DR. # 10 (12730)