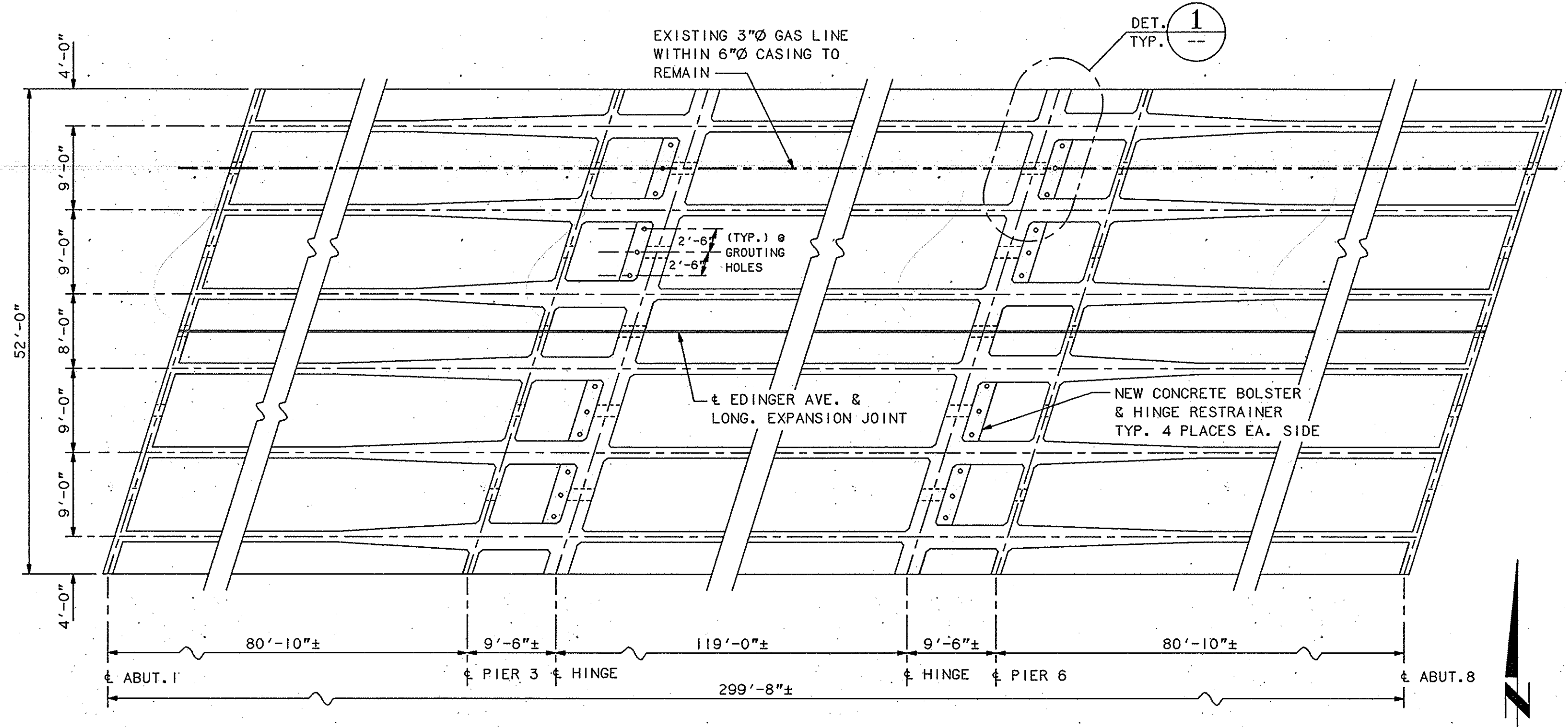
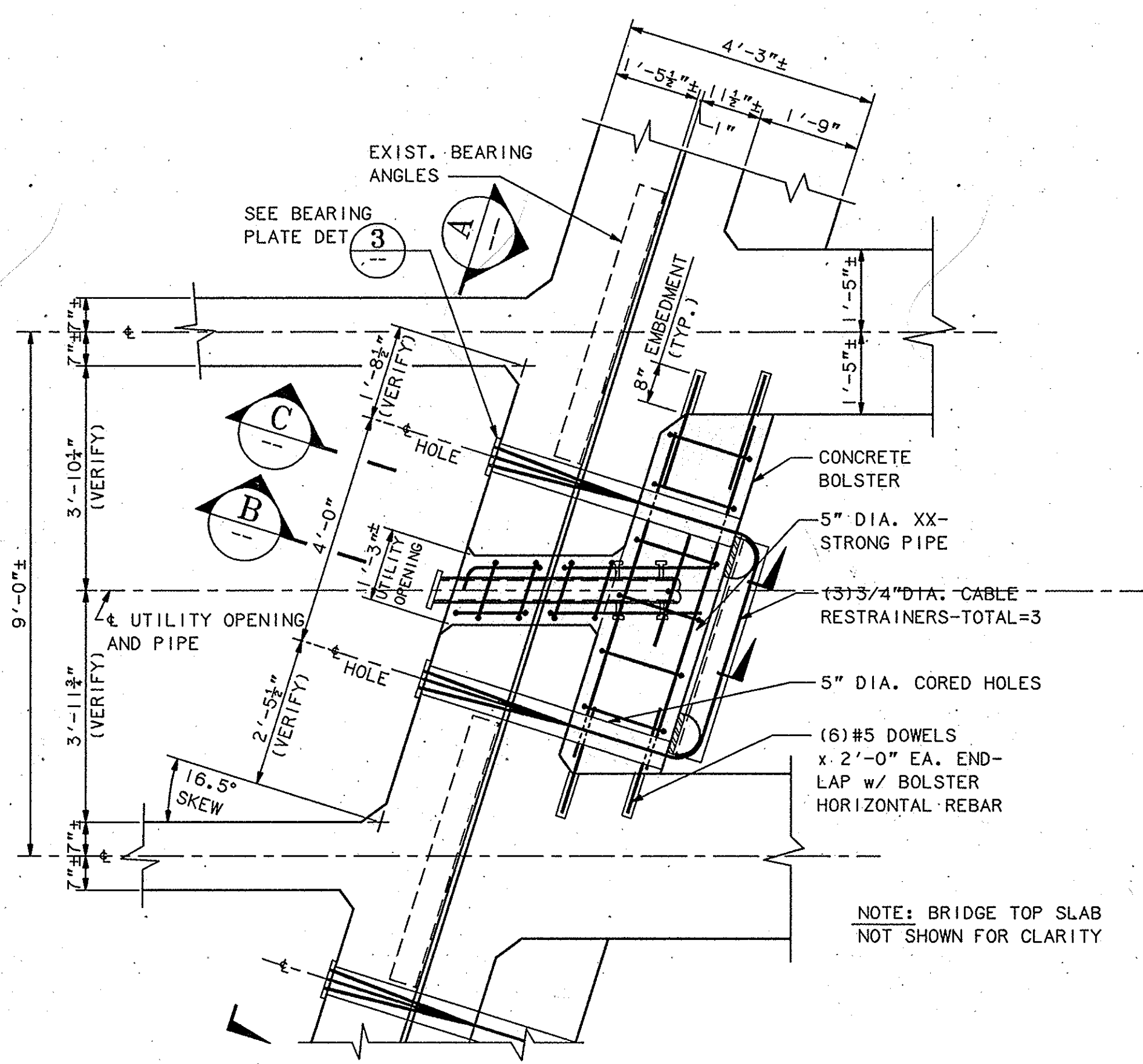
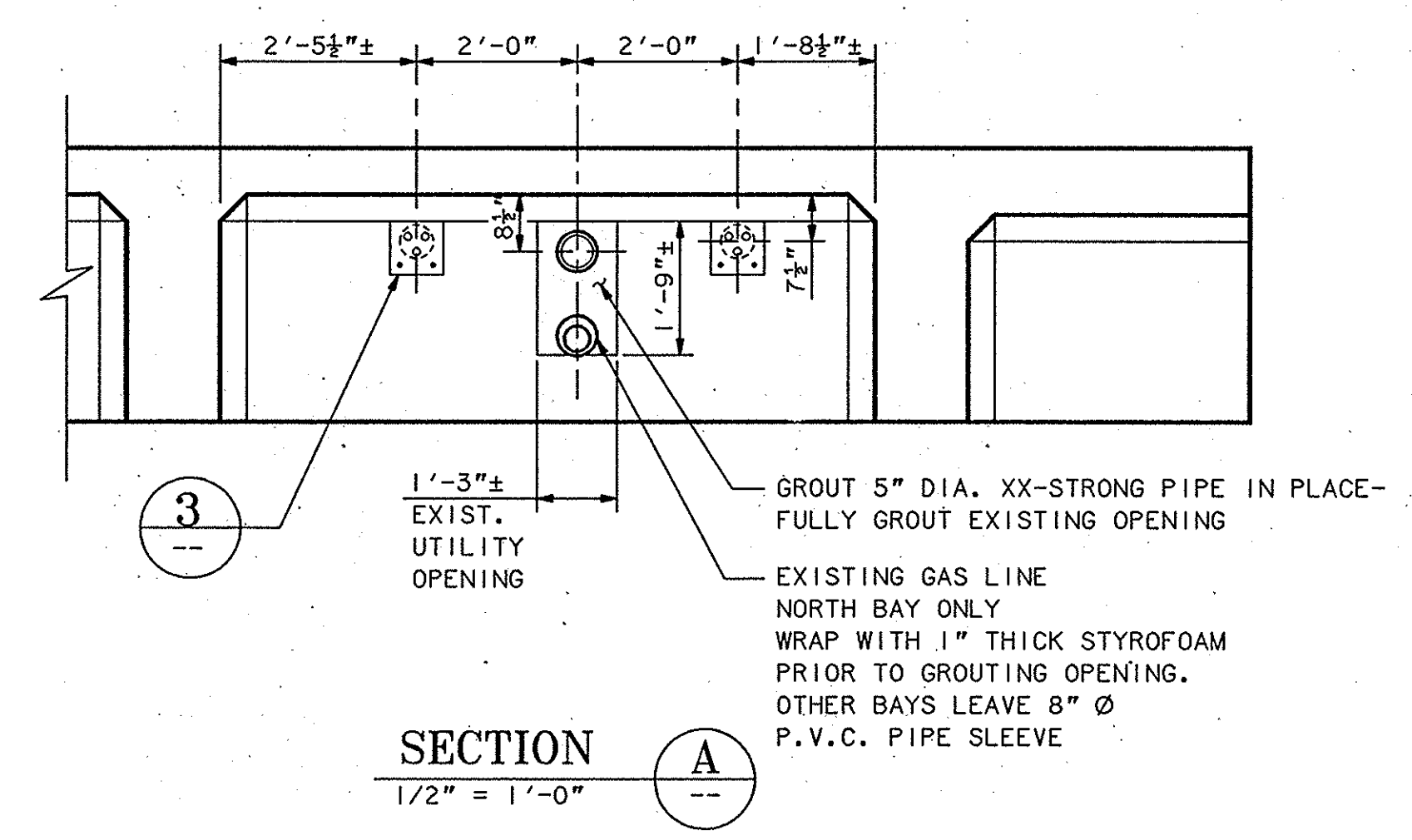




HINGE RESTRAINER LOCATION PLAN



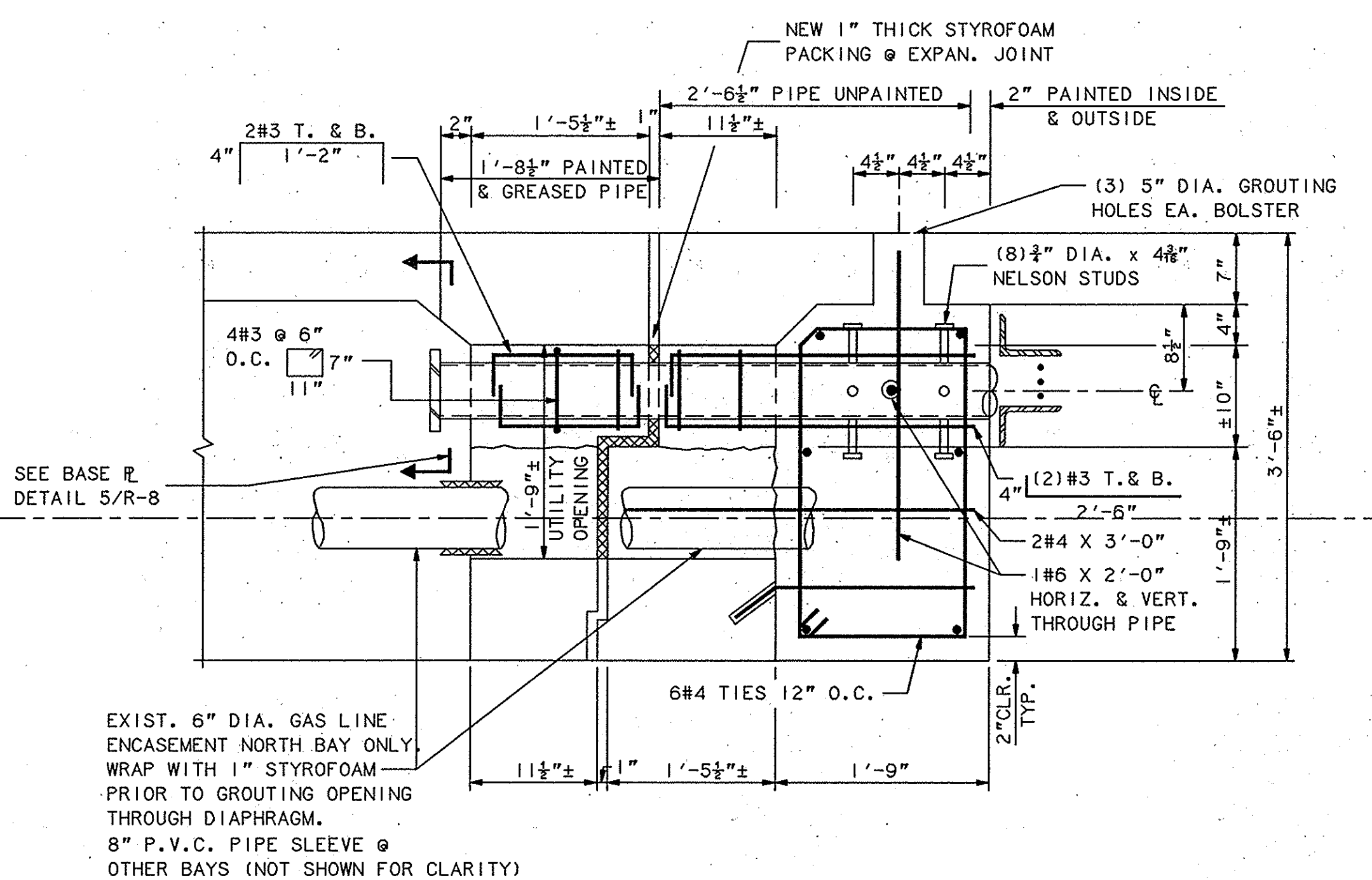
RESTRAINER PLAN VIEW



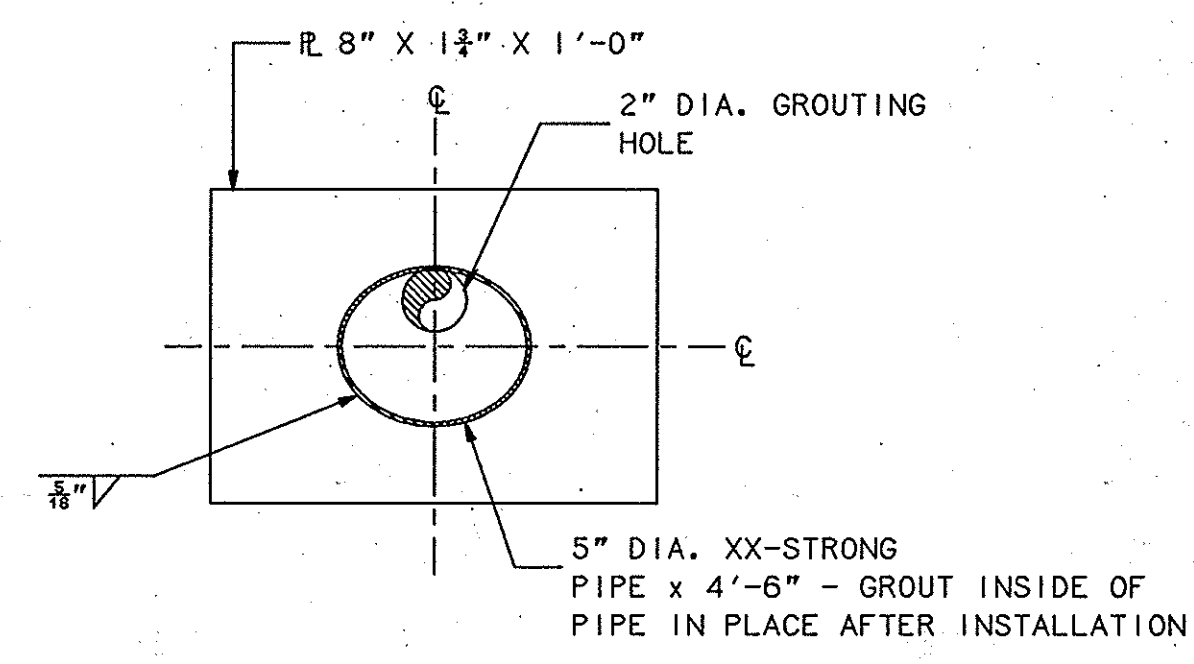
PREPARED UNDER THE SUPERVISION OF
PAUL R. YOUNG, PROJECT MANAGER
REGISTERED STRUCTURAL ENGINEER
PROJECT ENGINEER:
REGISTERED STRUCTURAL ENGINEER

HERNAN MONTOYA
No. S002819
Exp. 6/30/96
STRUCTURAL
STATE OF CALIFORNIA

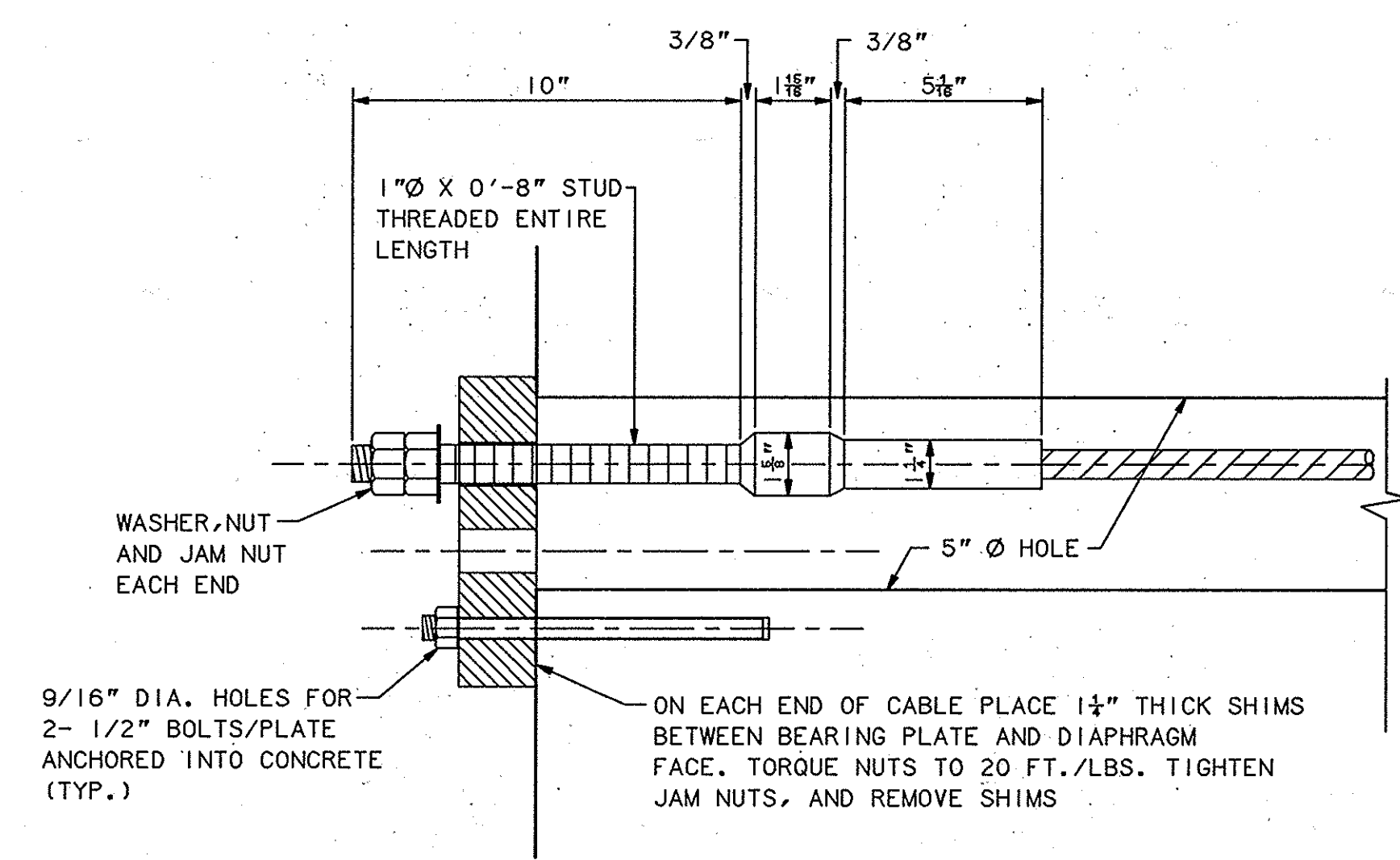
PLANS APPROVAL *Hernan Montoya* 2-24-93 DATE



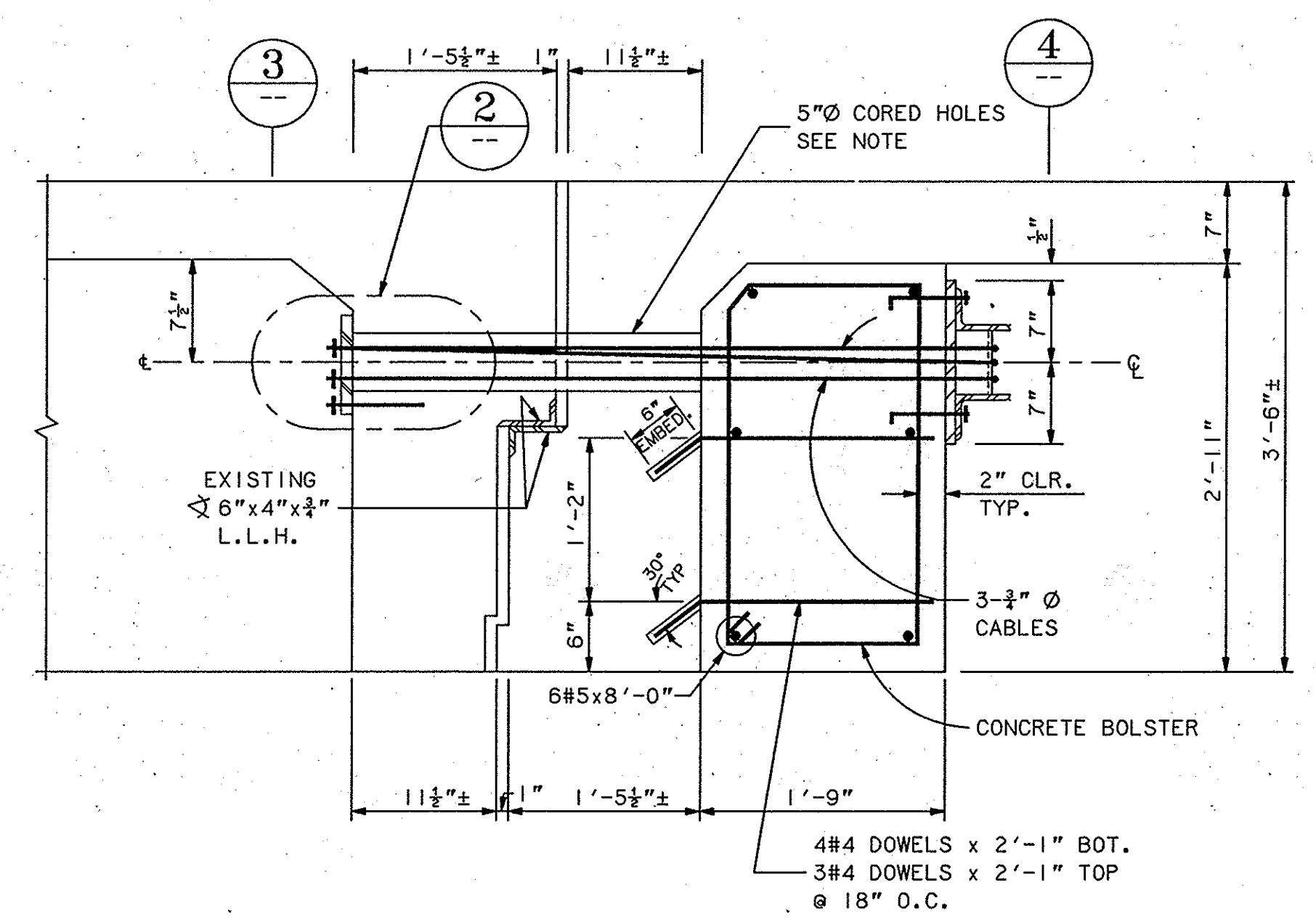
HINGE RETROFIT - SECTION B



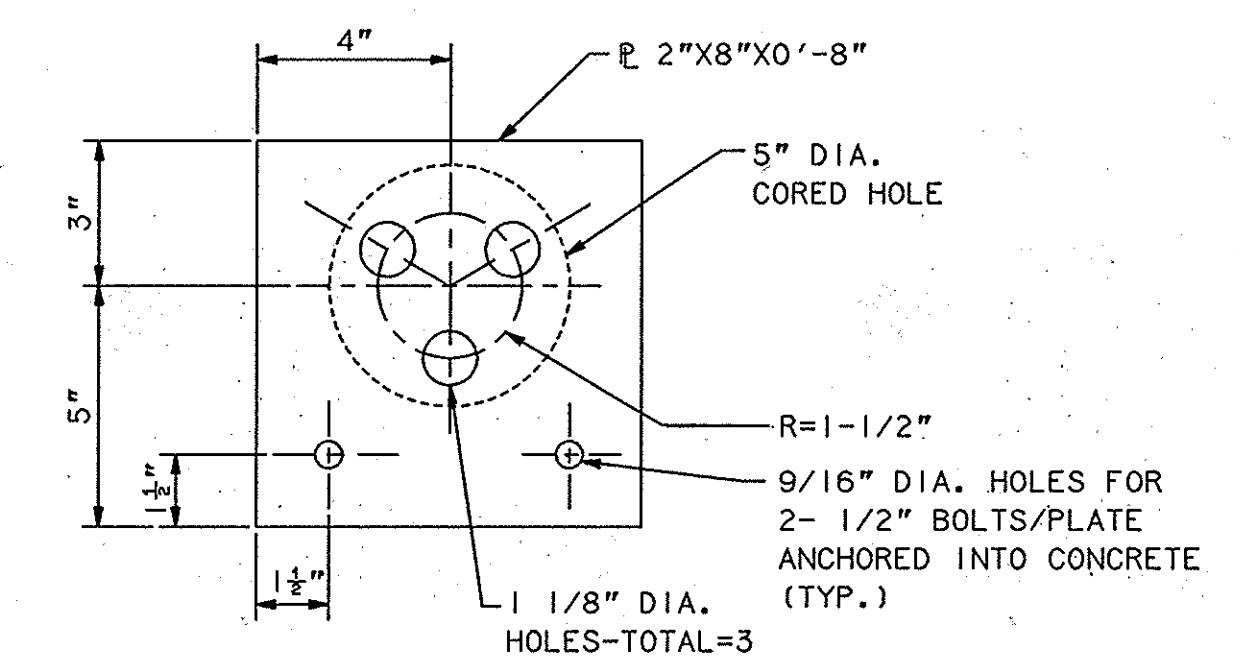
BASE PLATE DETAIL



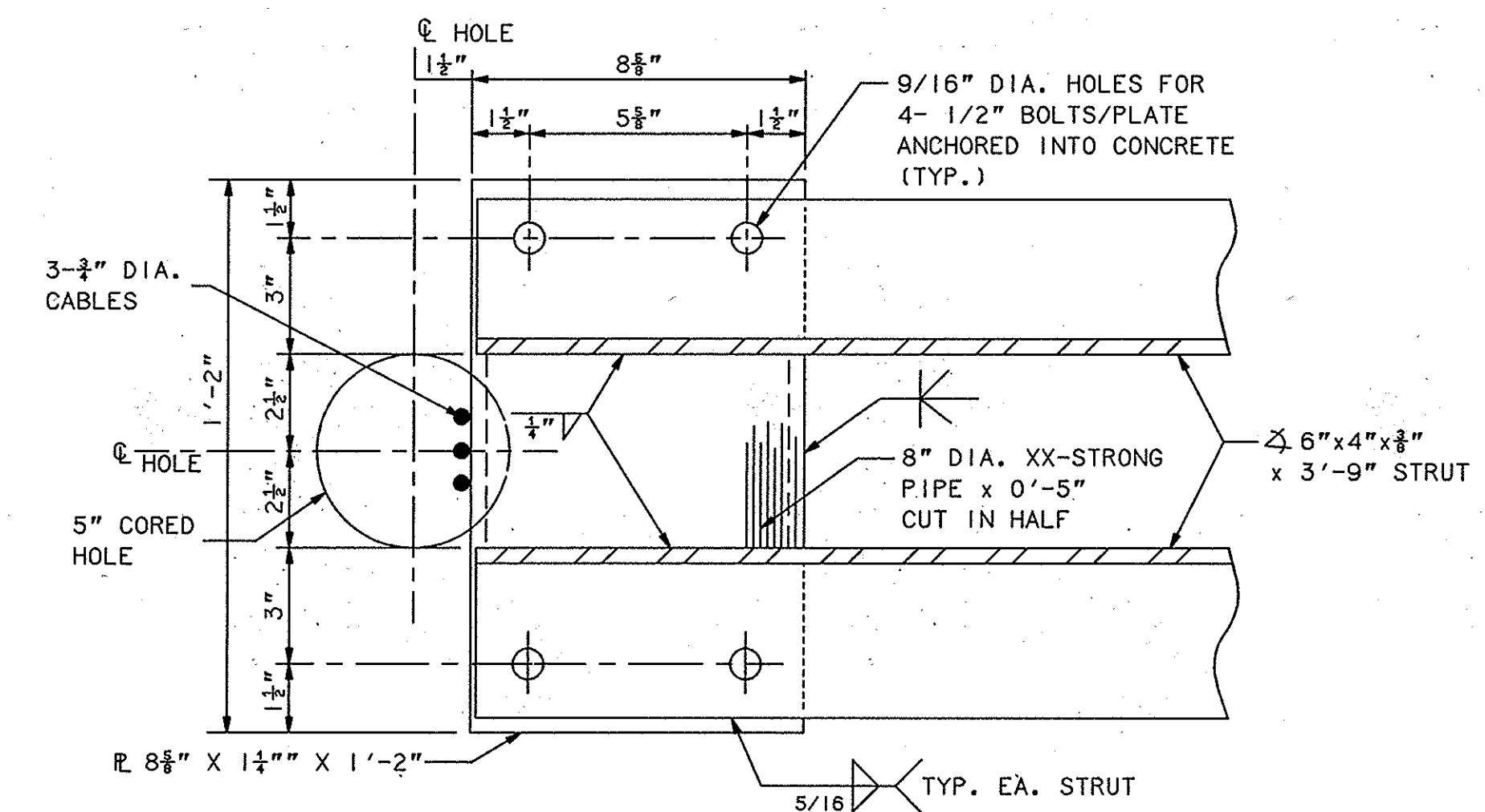
CABLE END ANCHORAGE



HINGE RETROFIT - SECTION C



BEARING PLATE DETAIL



CABLE DRUM DETAIL

COMPUTER AIDED DESIGN & DRAFTING

NOTE: CONTRACTOR SHALL VERIFY ACTUAL LOCATION OF EXISTING DIAPHRAGM REBAR BY PACHOMETER TESTING & PROBING TO AVOID CUTTING REBAR DURING CORING

SYMBOL	DESCRIPTIONS	DATE	APPROVAL
REVISIONS			
ROBERT BEIN, WILLIAM FROST & ASSOC. 14725 ALTON PARKWAY IRVINE, CALIFORNIA 92718		U.S. ARMY ENGINEER DISTRICT LOS ANGELES CORPS OF ENGINEERS	
DESIGNED BY: H.M.		SANTA ANA RIVER MAINSTEM INCLUDING SANTIAGO CREEK, CALIFORNIA	
DRAWN BY: J.S./G.F.		LOWER SANTA ANA RIVER CHANNEL (SAN DIEGO FREEWAY TO RIVER VIEW GOLF COURSE)	
CHECKED BY: H.I.M./ P.R.Y.		EDINGER AVENUE BRIDGE HINGE RESTRAINER DETAILS	
SUBMITTED BY:		DATE:	SHEET R-8 OF R-16 SHEETS
		SPEC. NO. DACW09-93-B-	DISTRICT FILE NO. 239/796