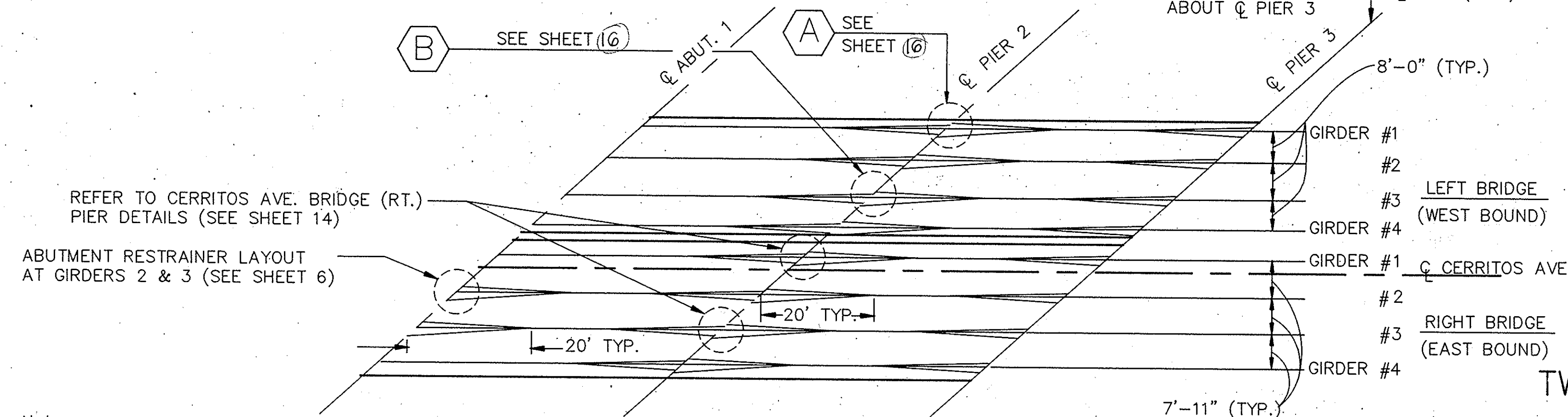
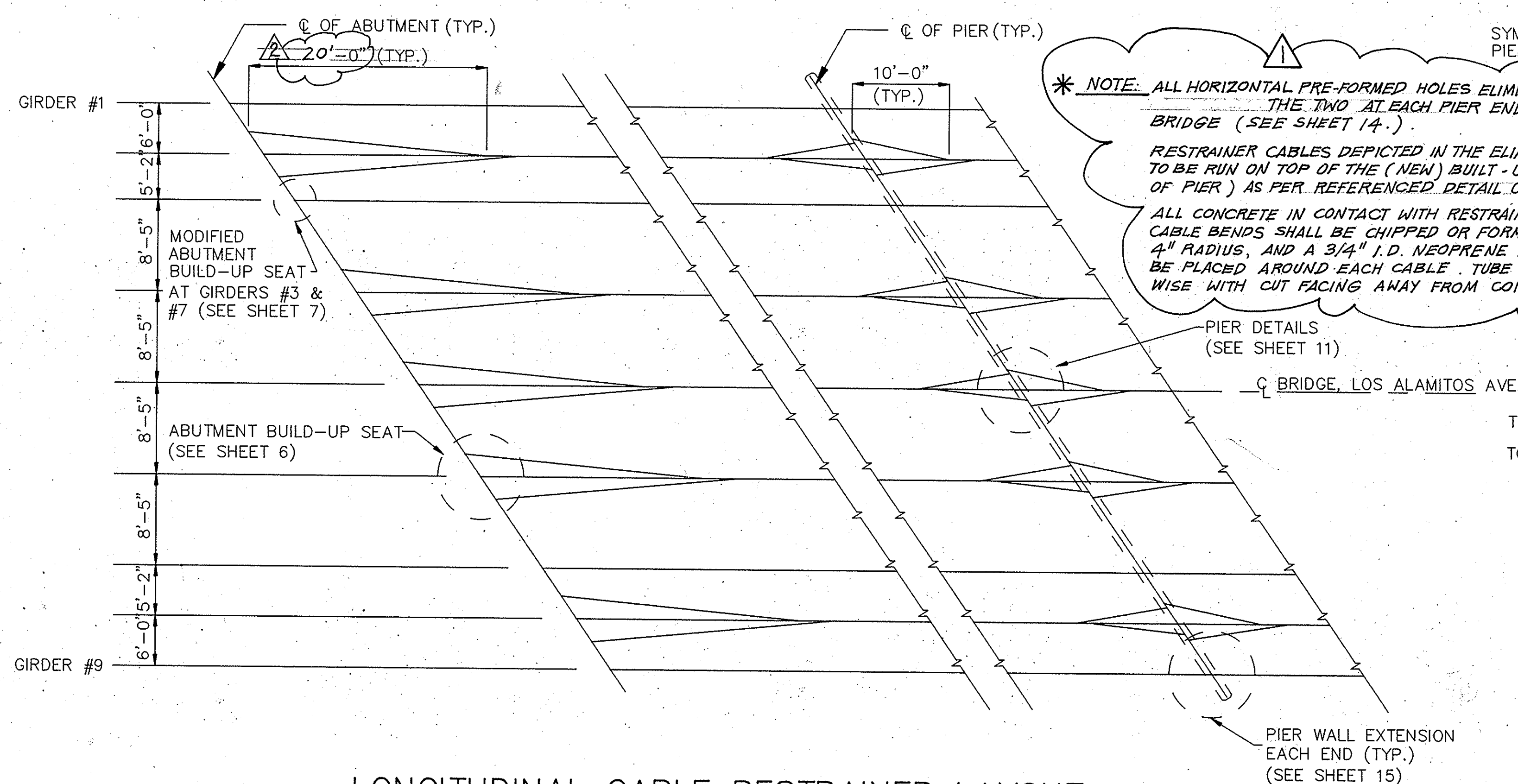


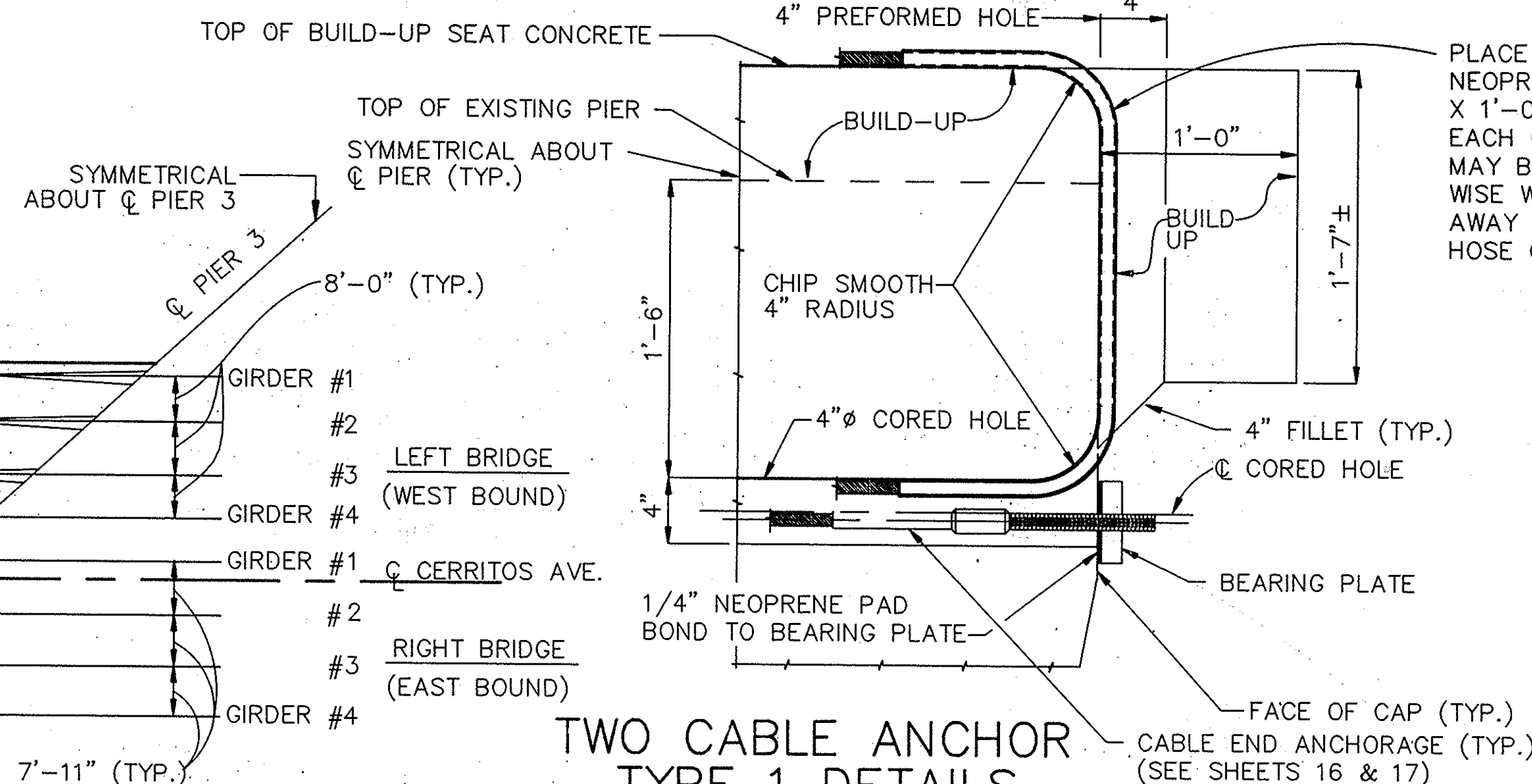


LONGITUDINAL RESTRAINER LAYOUT
FOR CERRITOS AVE. BRIDGES (LT & RT)
NTS

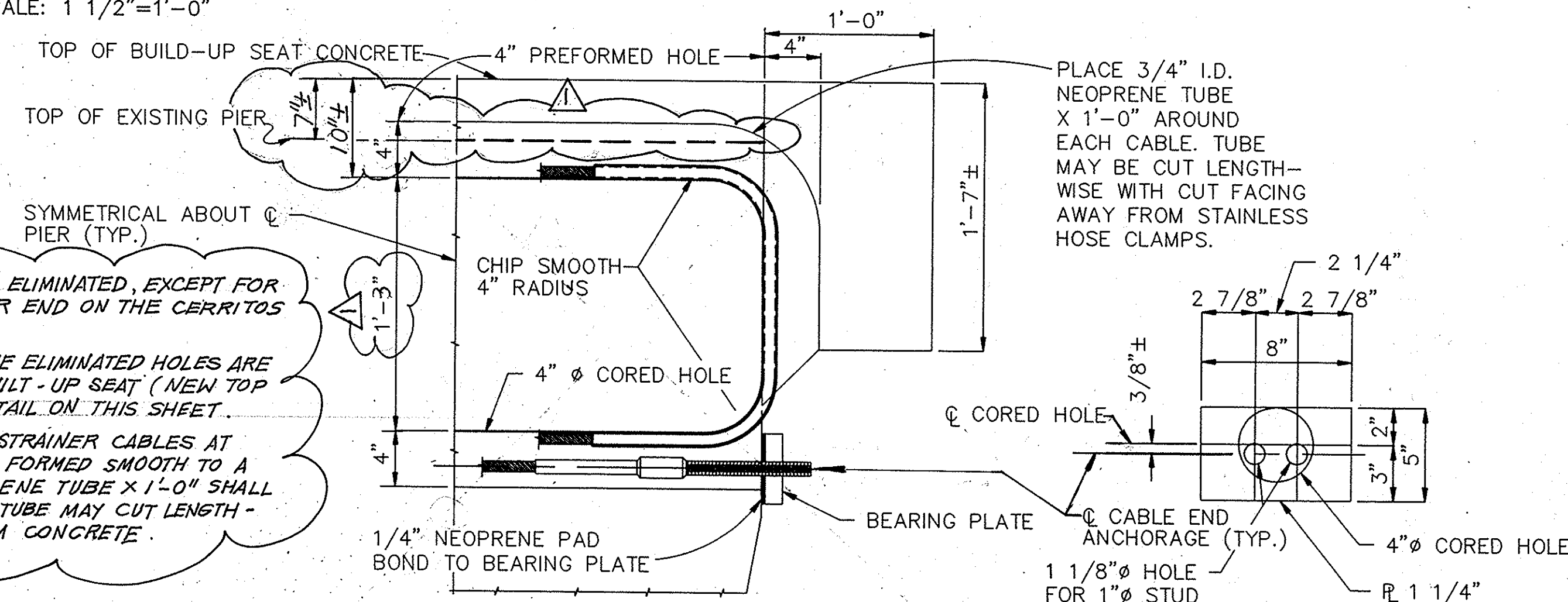


LONGITUDINAL CABLE RESTRAINER LAYOUT
FOR LOS ALAMITOS BLVD. BRIDGE
NTS

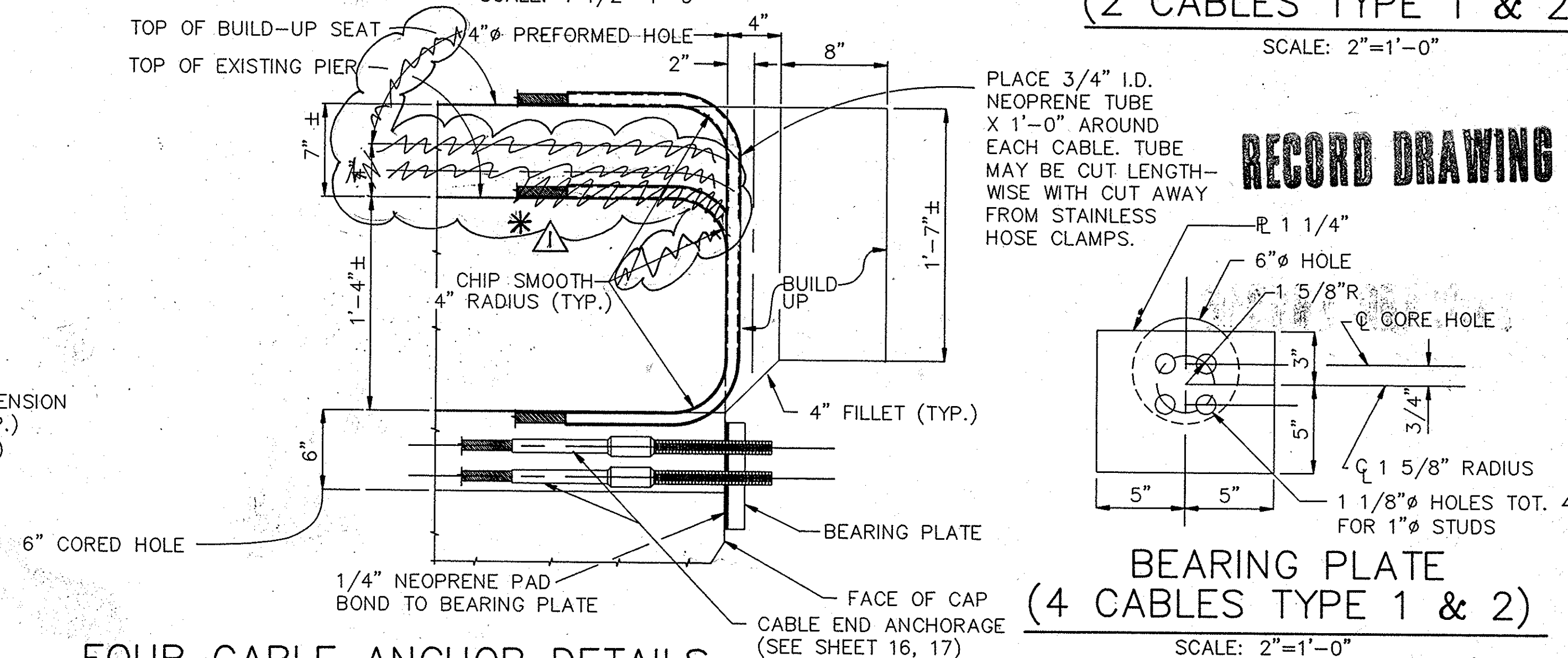
- Notes:
1. All Abutments & Piers are not shown, others are similar.
 2. The Contractor shall verify all Dependent Dimensions in the field before ordering or fabricating any material.



TWO CABLE ANCHOR
TYPE 1 DETAILS
SCALE: 1 1/2"=1'-0"



TWO CABLE ANCHOR TYPE 2 DETAILS
SCALE: 1 1/2"=1'-0"



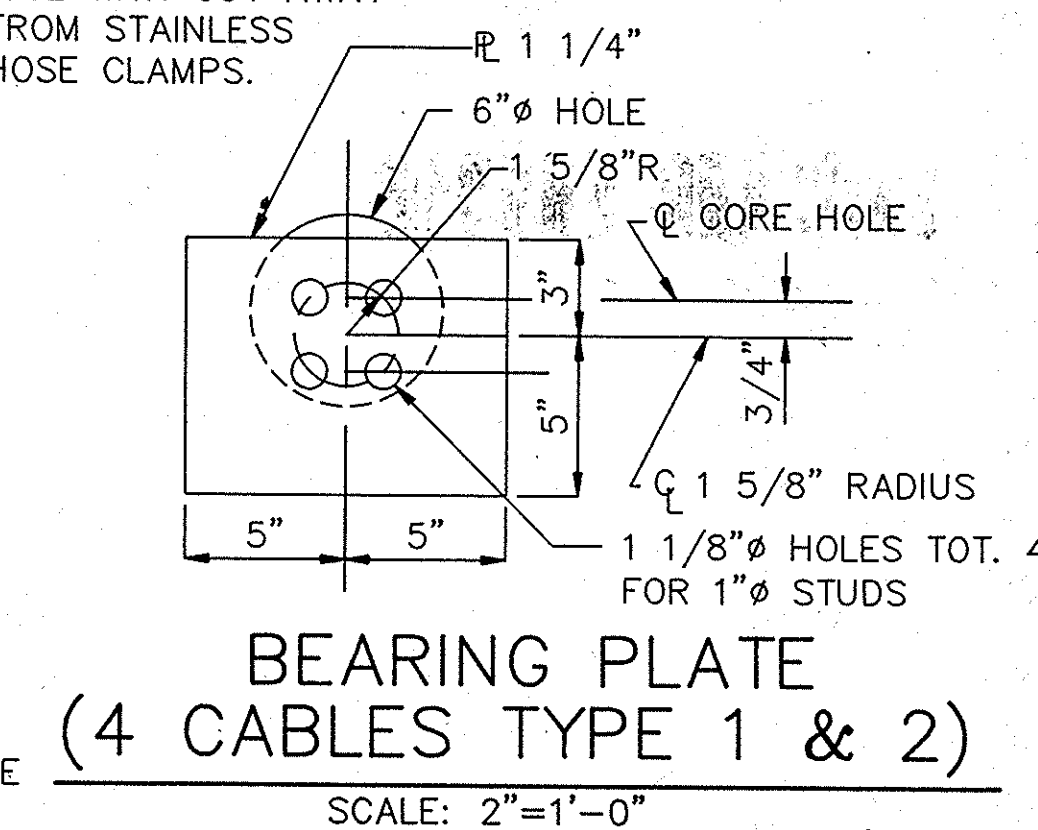
FOUR CABLE ANCHOR DETAILS
SCALE: 1 1/2"=1'-0"

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
REGISTERED CIVIL ENGINEER					
PLANS APPROVAL DATE					
KERCHEVAL ENGINEERS CIVIL/STRUCTURAL ENGINEERING PLANNING AND SURVEYING SAN DIEGO, CA 92123 (619) 571-0520					
SPONSORING AGENCY					

MARK	DATE	DESCRIPTIONS	BY	CH'D
2	1/10/96	RFI #8: Shorten restrainer cables to fit within existing span #1	C.C.C./R.W.H.	
1	9/7/95	RFI #8: Eliminate horizontal formed holes to adjust for lack of depth in built-up seat	C.C.C./R.W.H.	
REVISIONS				

BEARING PLATE
(2 CABLES TYPE 1 & 2)
SCALE: 2"=1'-0"

RECORD DRAWING



BEARING PLATE
(4 CABLES TYPE 1 & 2)
SCALE: 2"=1'-0"

DESIGN		BY	CHIN C. CHEN	CHECKED	DONALD L. ALLEN	LOAD FACTOR DESIGN	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	CHECKED	PON-FIN CHEN	PROJECT ENGINEER	CHIN C. CHEN	BRIDGE NO.	55C - 0052	55C - 0264 R/L	POST MILE	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET	OF
DESIGN OVERSIGHT		BY	CAD / C.E. JONES	CHECKED	BRYAN PETERS	LAYOUT	BY	RON BROWN	CHECKED	PON-FIN CHEN								5	18
SIGNOFF DATE		BY	BRYAN D. PETERS	CHECKED	PON-FIN CHEN	SPECIFICATION	BY	CHIN C. CHEN	CHECKED	PON-FIN CHEN									

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

0 1 2 3

CU EA

PREPARED FOR THE
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

EARTHQUAKE RETROFIT PROJECT NO. C05

LOS ALAMITOS BLVD. BRIDGE & CERRITOS AVE. BRIDGE (R/L)

REST. LAYOUT & CABLE REST. DETAILS