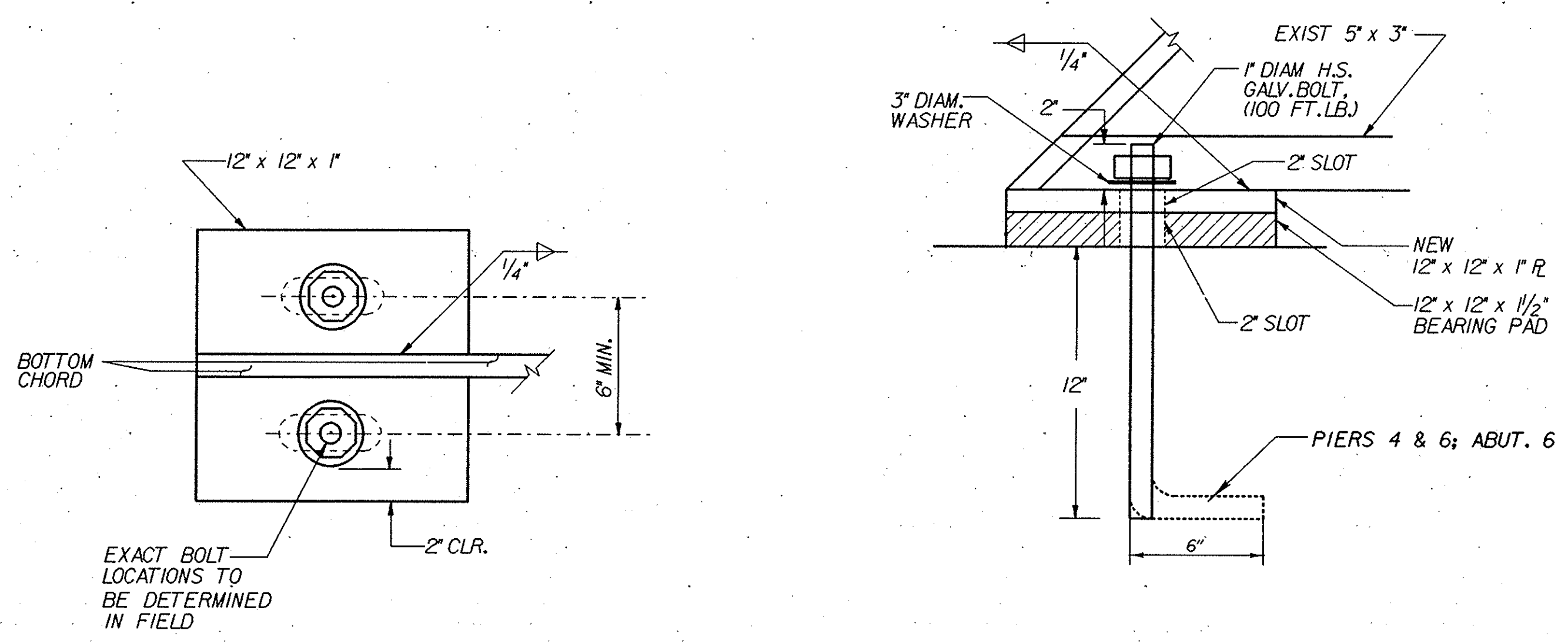


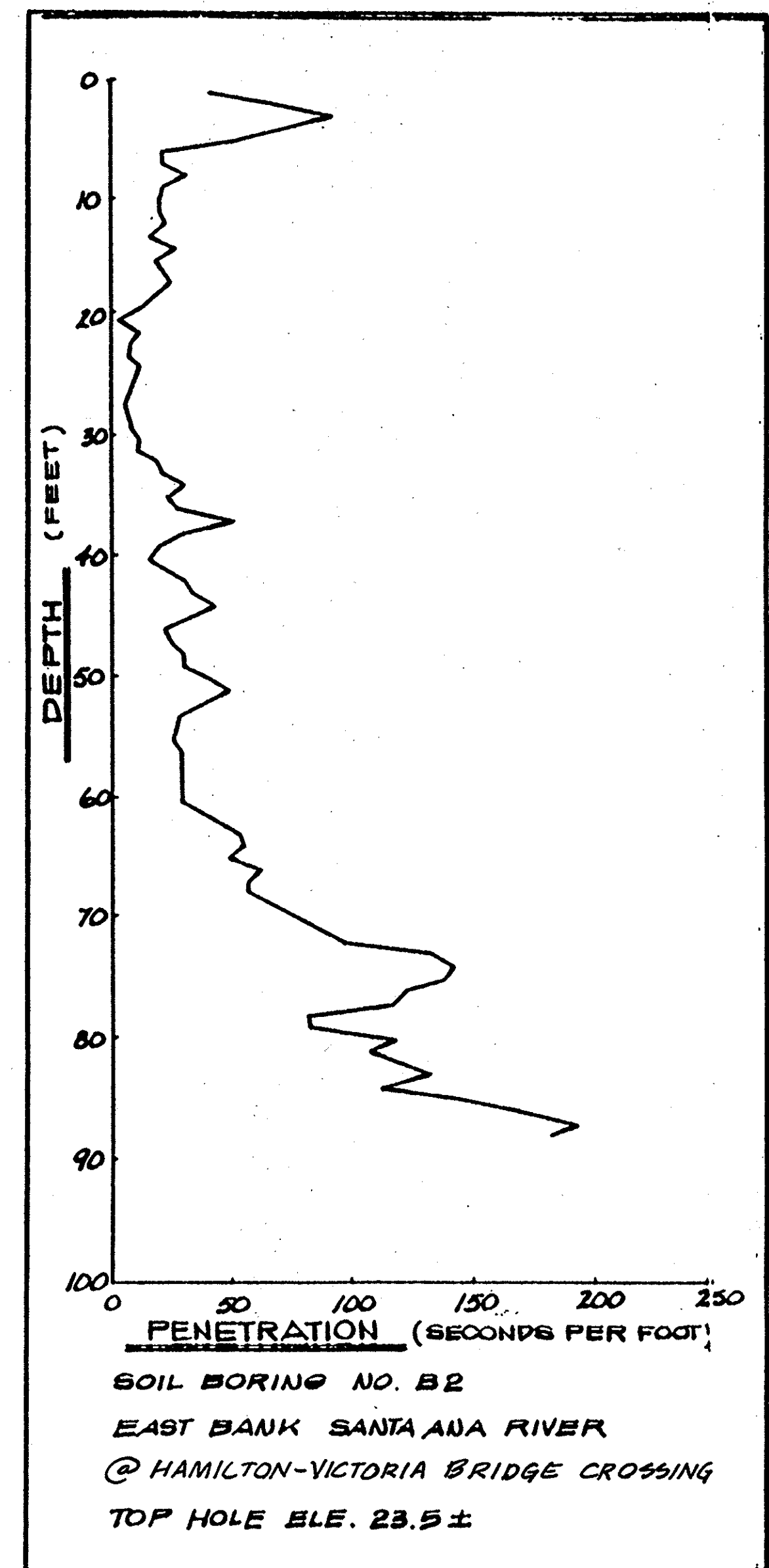
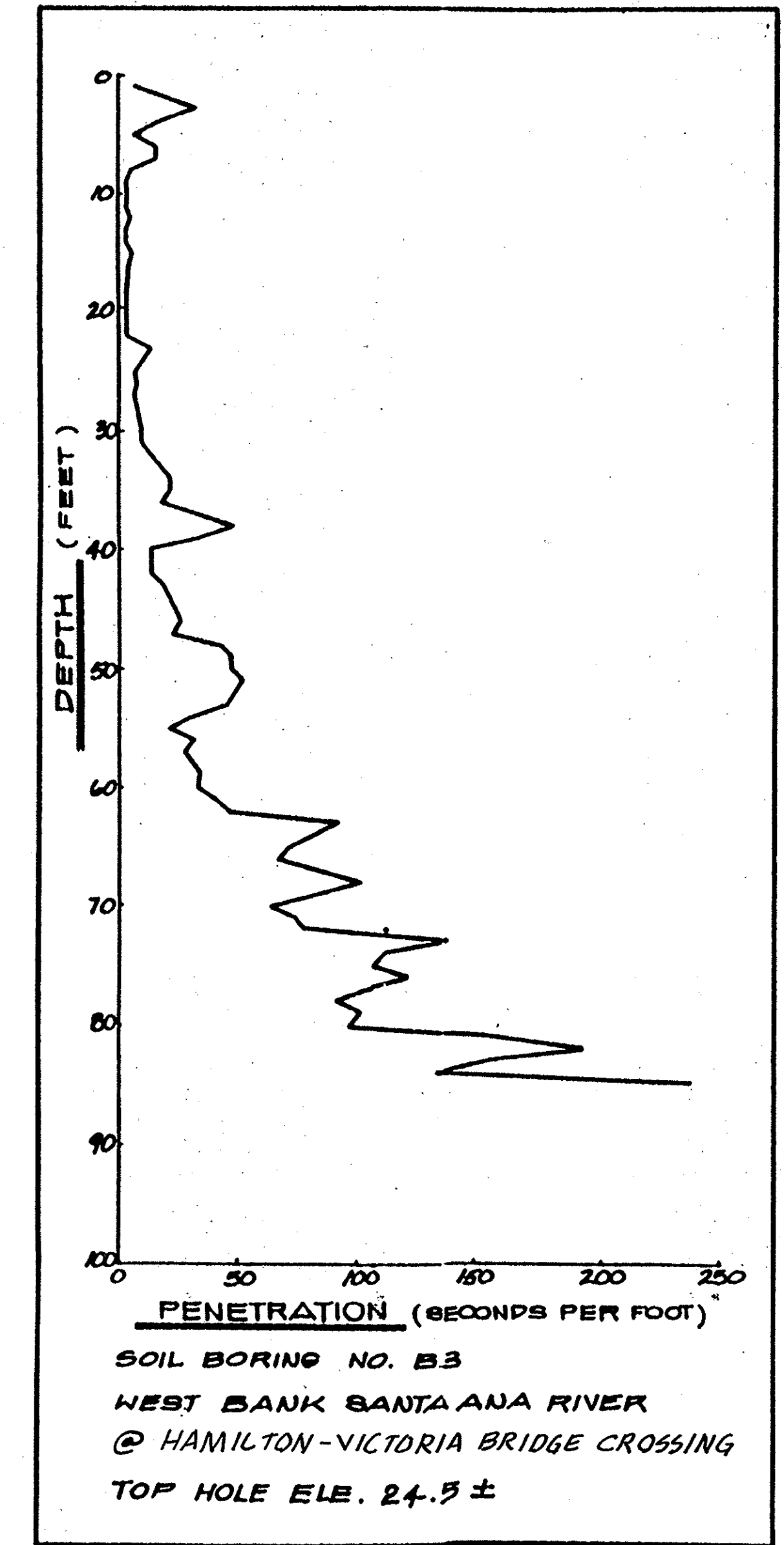
VALUE ENGINEERING PAYS



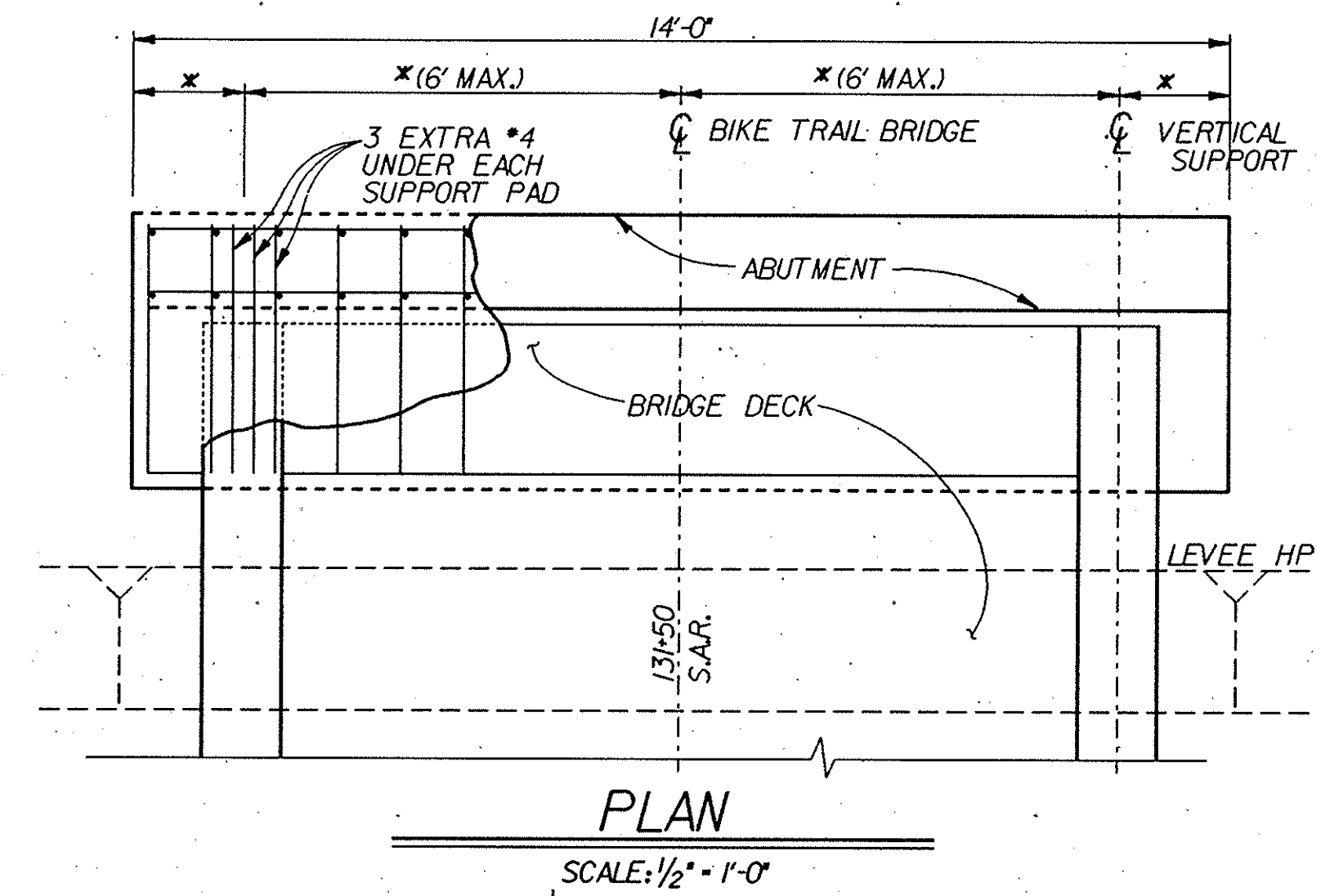
BRIDGE BEARING PLATE DETAIL
NO SCALE

- NOTES FOR PIERS 2 & 3 AND ABUTMENT 1:
1. REMOVE EXISTING BOLTS FLUSH WITH PIER CAP AND COVER WITH EPOXY.
 2. BOLT LOCATIONS TO BE VERIFIED IN FIELD.
 3. DRILL 2" DIA. x 12" HOLE INTO EXISTING CONCRETE AND SET BOLT WITH H.S. NO-SHRINK GROUT.
 4. ALL HARDWARE TO BE GALVANIZED ASTM 325.

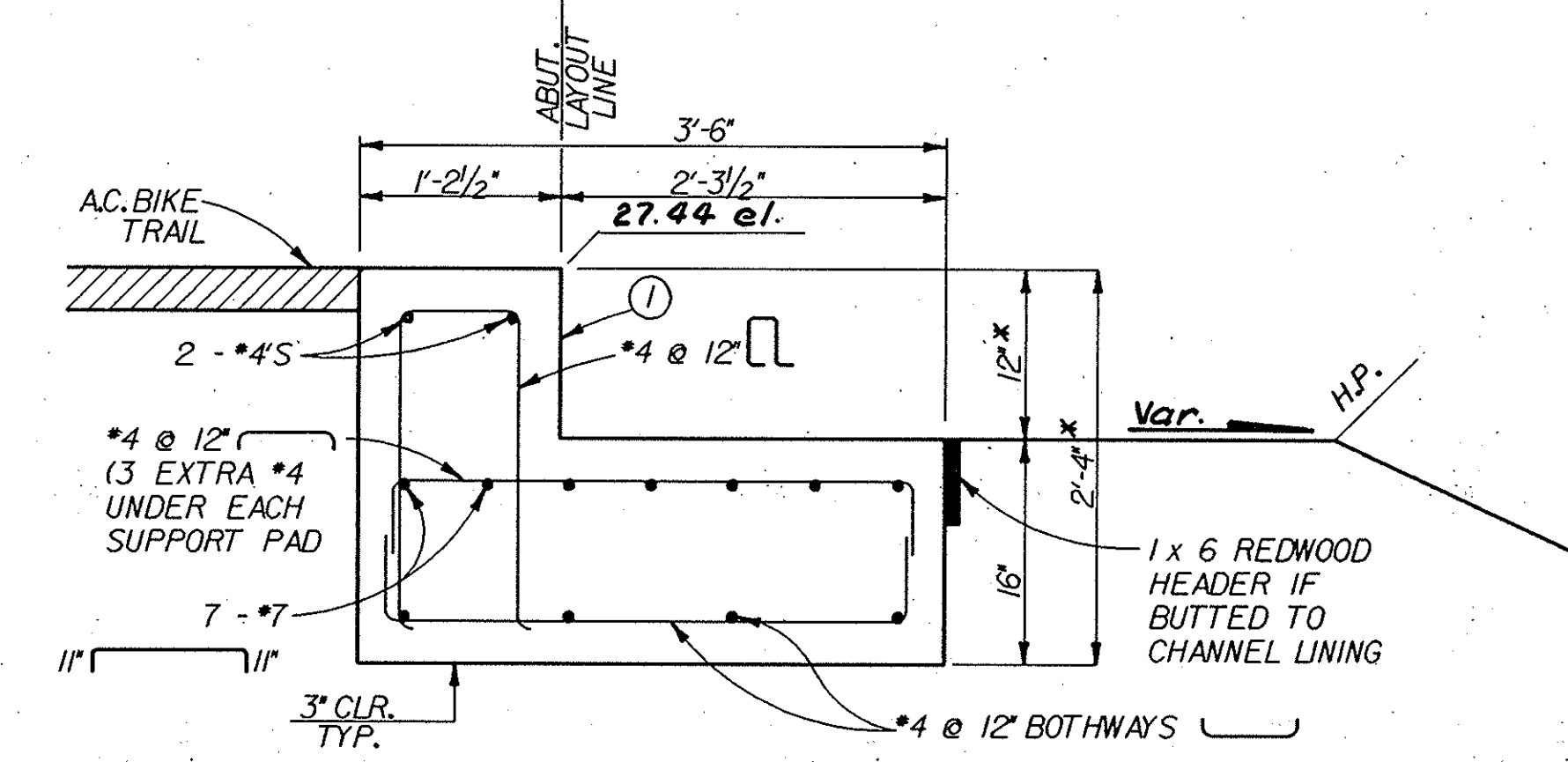
- NOTES FOR PIERS 4 & 5 AND ABUTMENT 6:
1. BOLTS TO BE CAST IN PLACE WITH PIER.
 2. BOLTS TO BE L-BOLTS.
 3. ALL HARDWARE TO BE GALVANIZED ASTM 325.



NOTE:
SOIL PENETROMETER TESTS TAKEN PER STATE OF CALIFORNIA TESTING METHOD. PLOT OF DEPTH (FEET) VS. PENETRATION (SECONDS PER FOOT)



PLAN
SCALE: 1/2" = 1'-0"



ABUTMENT SECTION
SCALE: 1/4" = 1'-0"

* DIMENSIONS PROVIDED BY CONTRACTOR
① BRIDGE FRAME TO BE PLACED 1" CLEAR OF FACE OF ABUTMENT.

1/2 0 2
3 Inches on original drawing

PREPARED UNDER SUPERVISION OF
RICHARD HART
RCE 39595 (exp. 12-31-93)
DATE 9/21/90

COMPUTER AIDED DESIGN & DRAFTING
9/21/90

DATUM IS NATIONAL GEODETIC VERTICAL DATUM OF 1929			
SYMBOL	DESCRIPTIONS	DATE	APPROVAL
REVISIONS			
SUBMITTED BY: <i>Richard Hart</i>		9-27-90	U.S. ARMY ENGINEER DISTRICT LOS ANGELES CORPS OF ENGINEERS
DESIGNED BY: BG/RH			
DRAWN BY: PAN			
CHECKED BY: RH			
SUBMITTED BY:		DATE APPROVED:	SPEC. NO. DACW09- DISTRICT FILE NO.
			SHEET B-3 OF 3 SHEETS

SAFETY PAYS