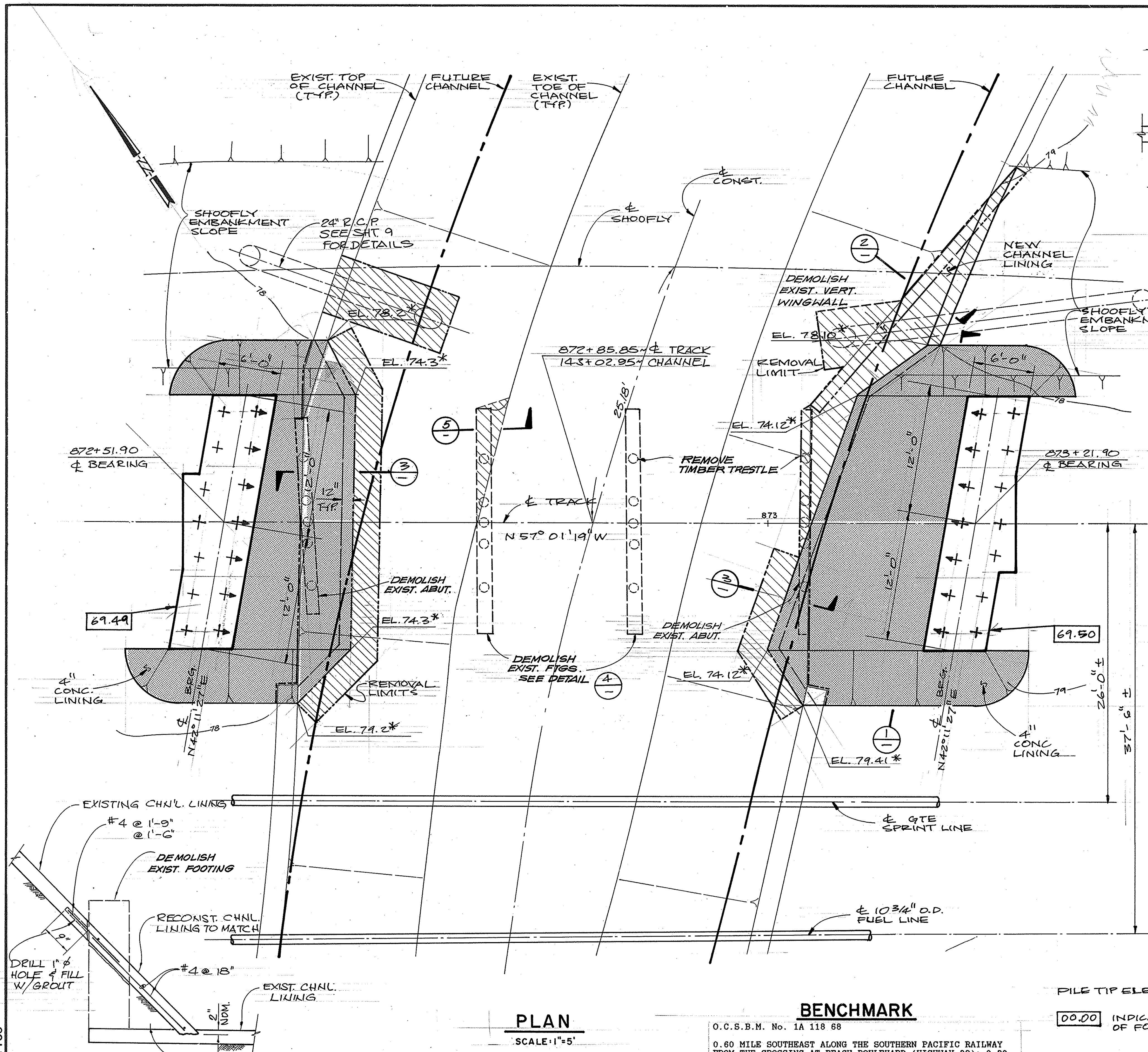


JN 51501/51488



PLAN
SCALE: 1"=5'

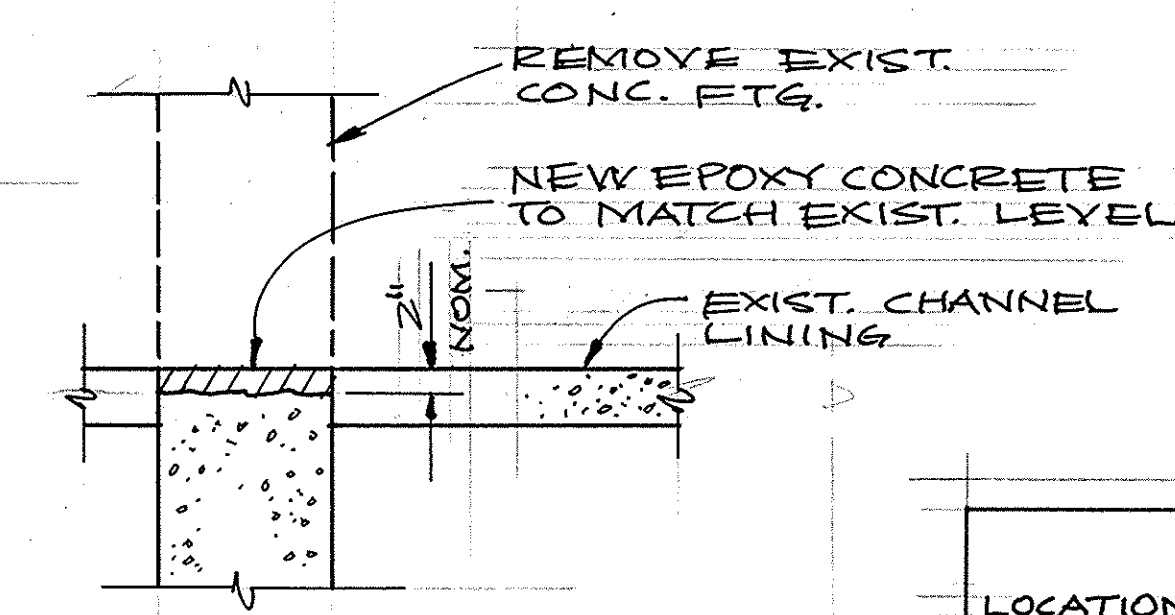
* ELEVATIONS TO BE VERIFIED IN THE FIELD
+ DENOTES PILE BATTERED 1:3

BENCHMARK

O.C.S.B.M. No. 1A 118 68
0.60 MILE SOUTHEAST ALONG THE SOUTHERN PACIFIC RAILWAY FROM THE CROSSING AT BEACH BOULEVARD (HIGHWAY 39); 0.30 MILE NORTHWEST ALONG THE RAILWAY FROM MILE POLE NUMBER 505, 25.5 FEET NORTHWEST OF THE SOUTHEAST END OF A 5 FOOT HIGH CONCRETE RETAINING WALL, 8.5 FEET NORTHEAST OF A 5 FOOT HIGH CHAIN LINK FENCE, 3.5 FEET NORTHEAST OF A 3 FOOT HIGH CHAIN LINK FENCE, 26.6 FEET NORTHEAST OF THE NORTHEAST RAIL OF THE RAILWAY, SET IN THE TOP OF THE NORTHEAST ANGLE POINT OF A 5 FOOT HIGH CONCRETE RETAINING WALL, 1.5 FEET HIGHER THAN THE RAIL.

PILE TIP ELEVATION = 29.50

00.00 INDICATES BOTTOM OF FOOTING ELEVATION



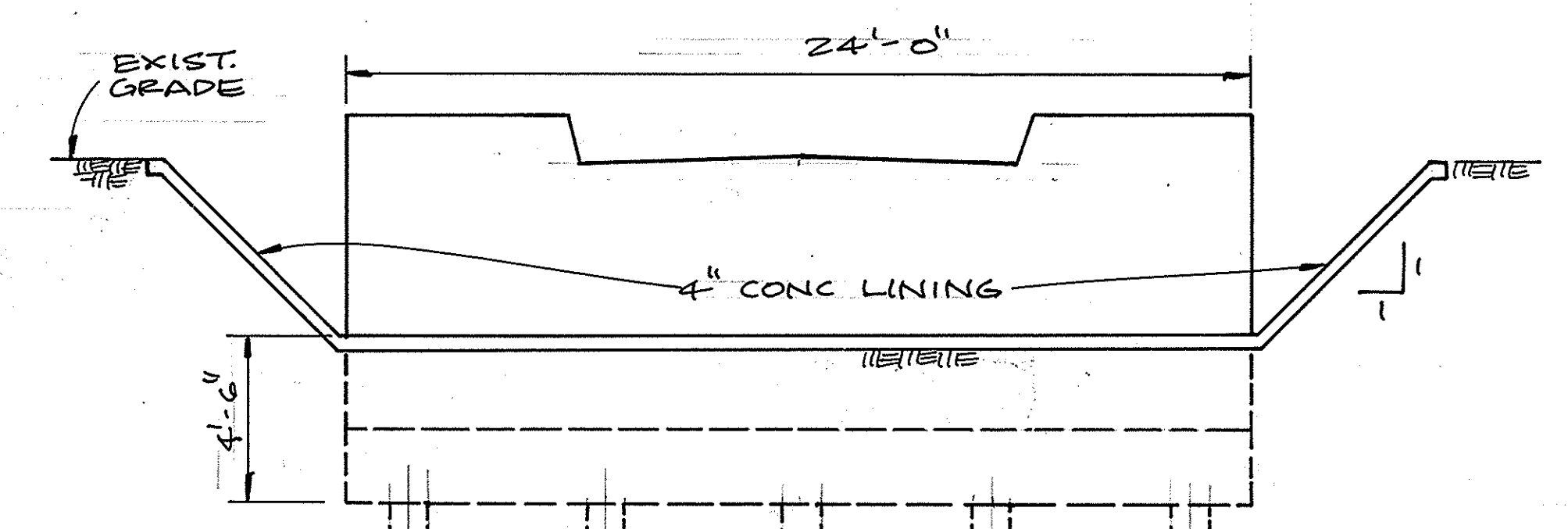
DETAIL 4
SCALE: 3/4"=1'-0"

ESTIMATED PILE DATA

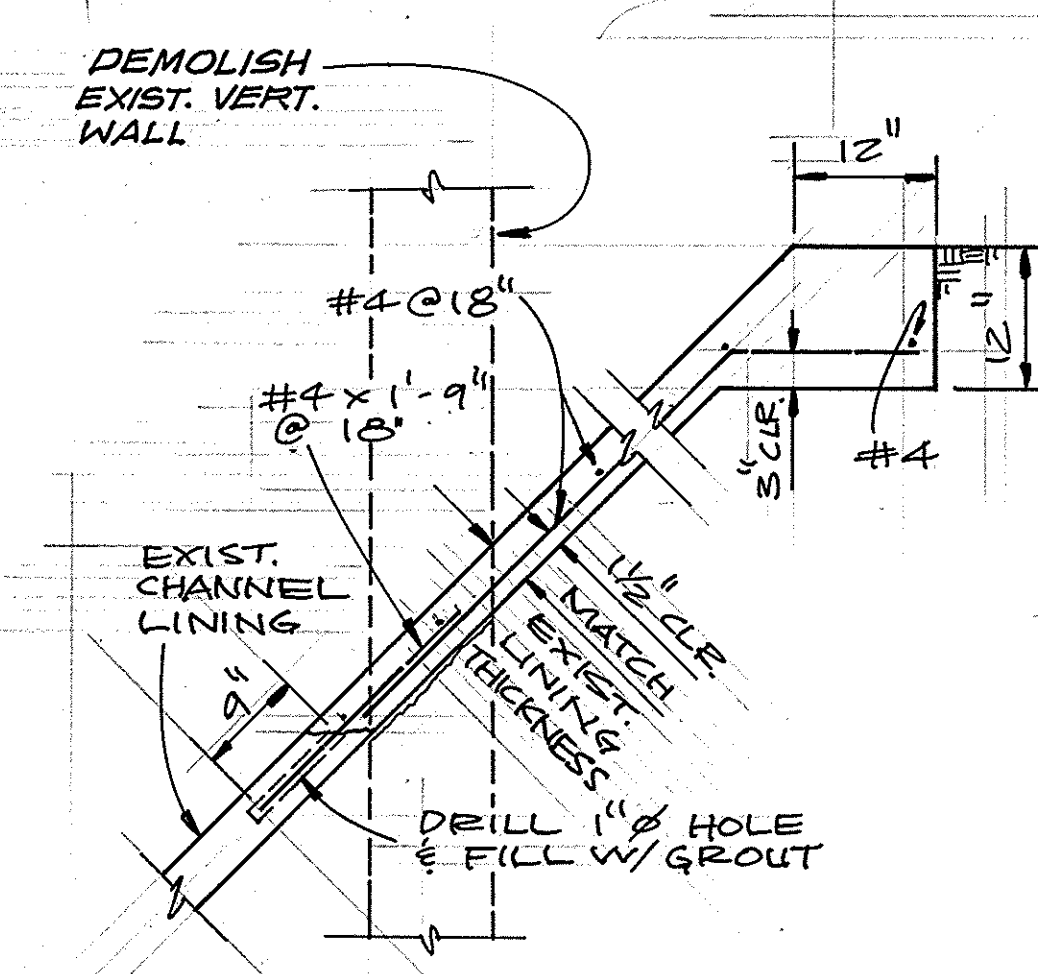
LOCATION	CUT-OFF ELEVATION	MINIMUM PENETRATION ELEVATION	ESTIMATED LENGTH
ABUT. 1	69.92	29.50	41
ABUT. 2	69.90	29.50	41

PILE DESIGN LOADING - 70 TONS

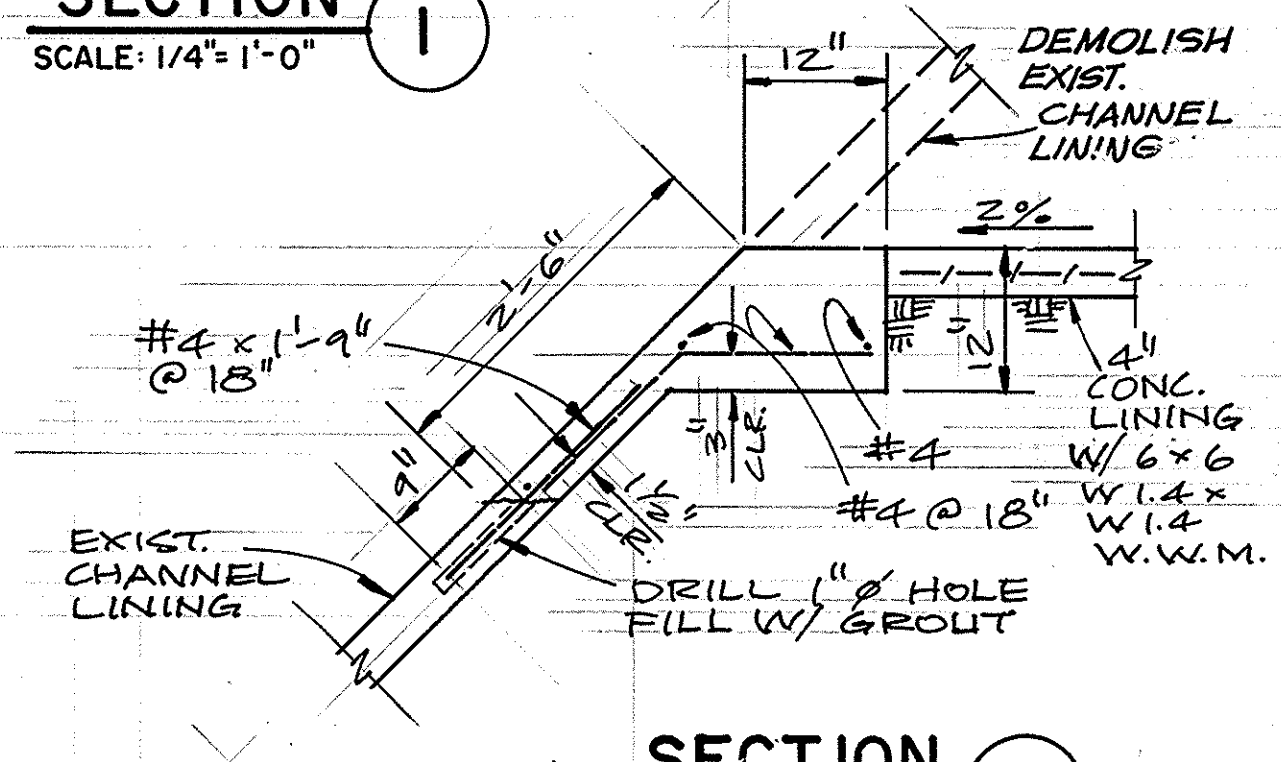
LOCATION	CUT-OFF ELEVATION	AVE. TIP ELEVATION	AVE. STROKE HEIGHT	AVE. BLOWS PER FOOT	AVE. BEARING VALVE (TONS)
ABUT. 1					
ABUT. 2					



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

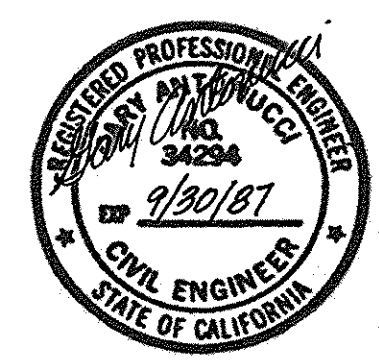


SECTION 2
SCALE: 3/4"=1'-0"



SECTION 3
SCALE: 3/4"=1'-0"

1/2 0 1 2
3 inches on original drawing



ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY	
FULLERTON CREEK(A03) RAILROAD BRIDGE	
FOUNDATION PLAN	
MARK DATE	DESCRIPTION
PREPARED UNDER SUPERVISION OF <i>Ray Antonio Hester</i>	
DATE	
REVISIONS	
DESIGNED V.L.	SCALE DATE DWG. NO.
DRAWN N.O.	CHECKED G.A.
AS SHOWN	
SHEET 3 OF 11	