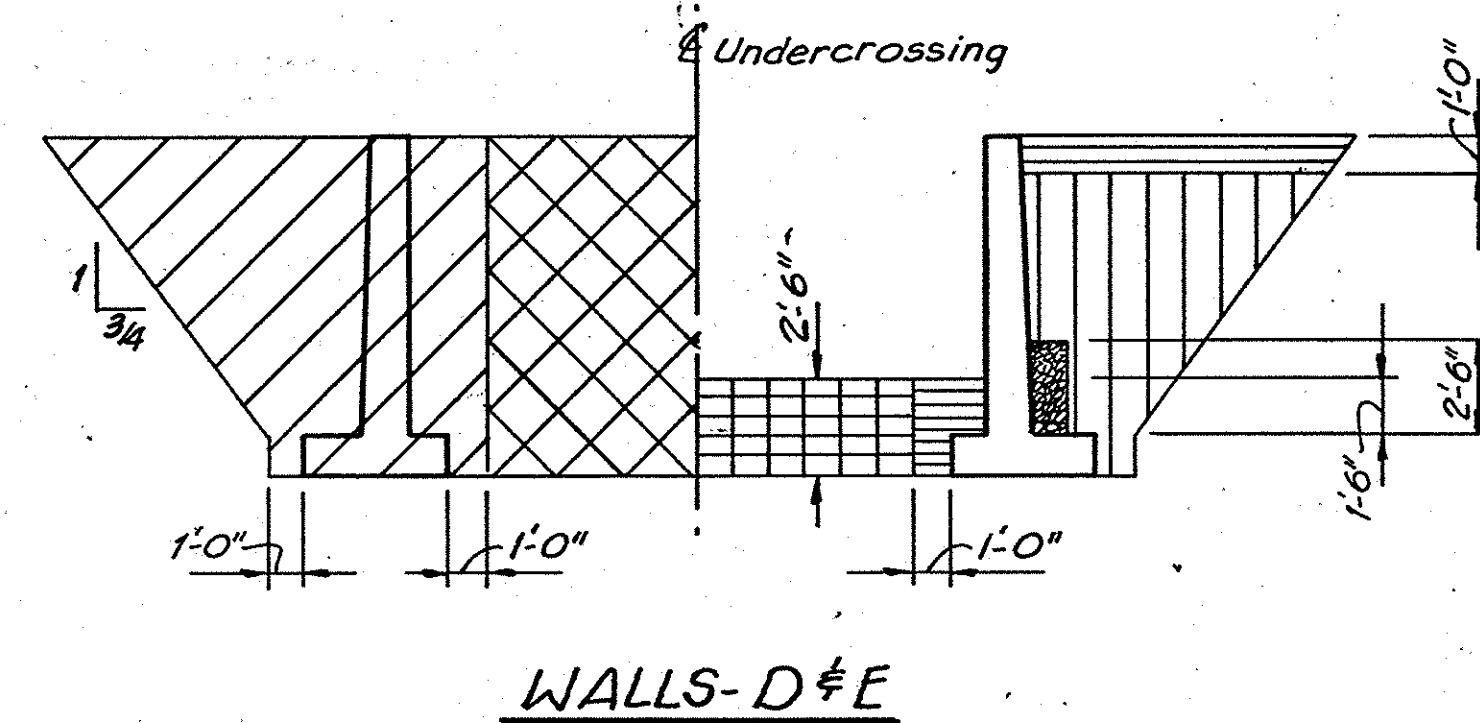
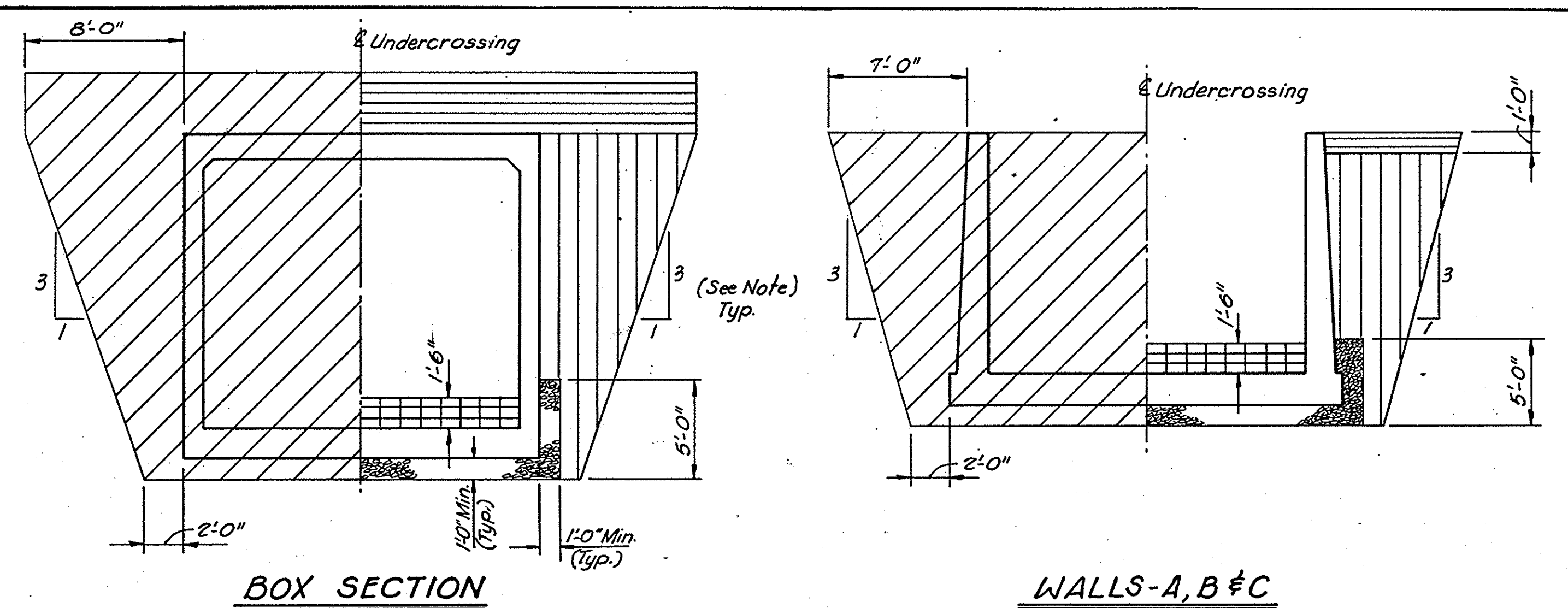
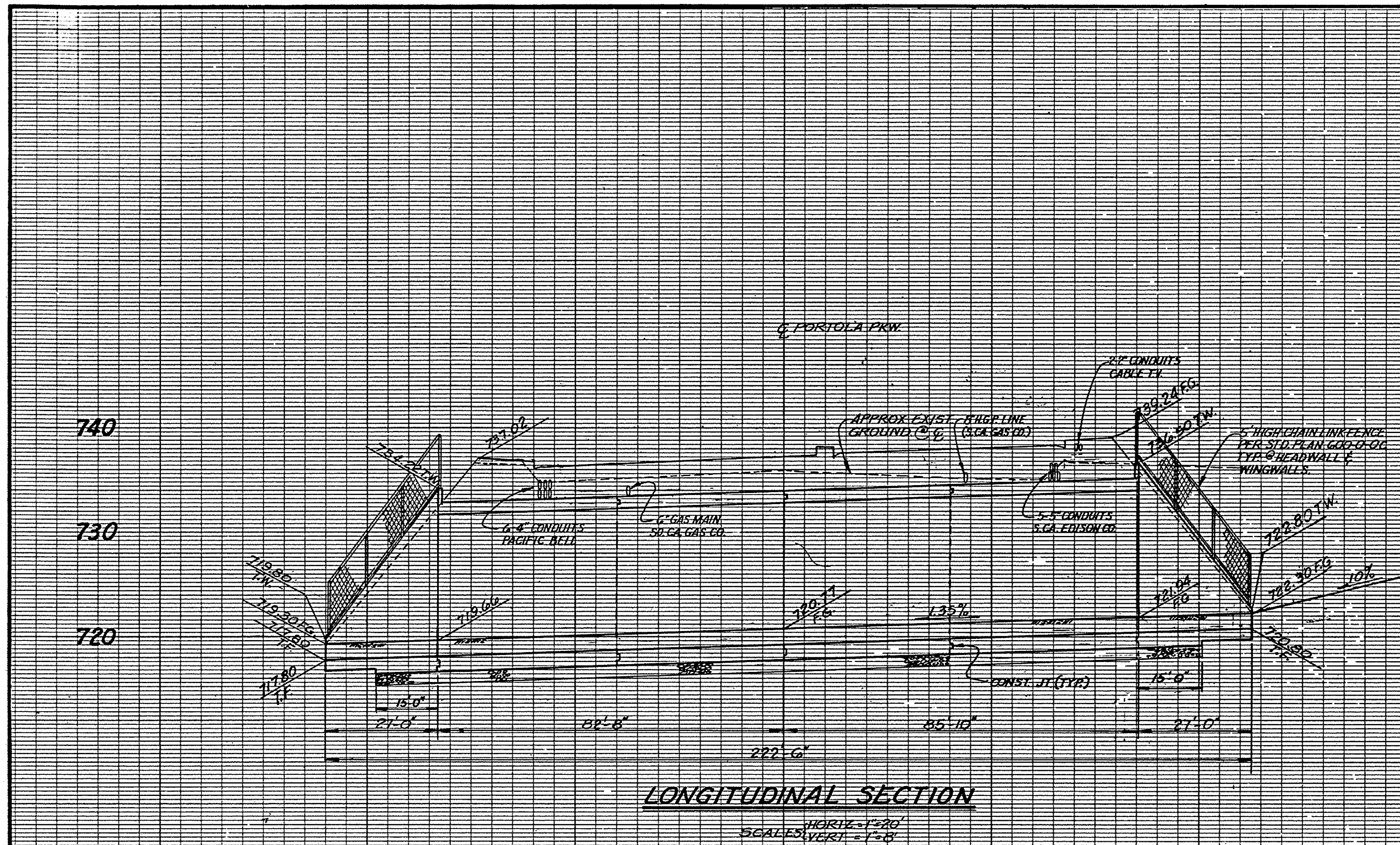
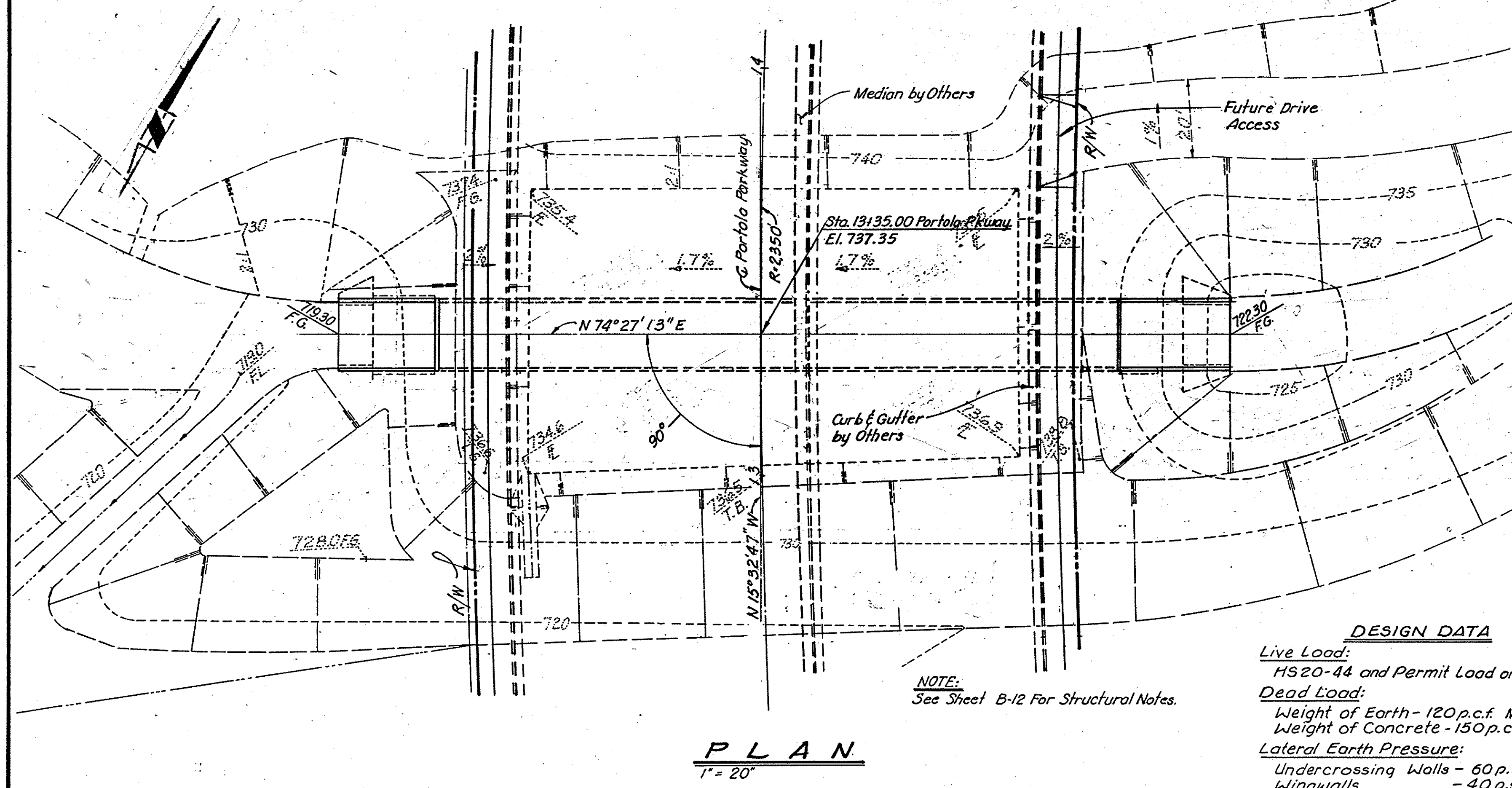




LEGEND

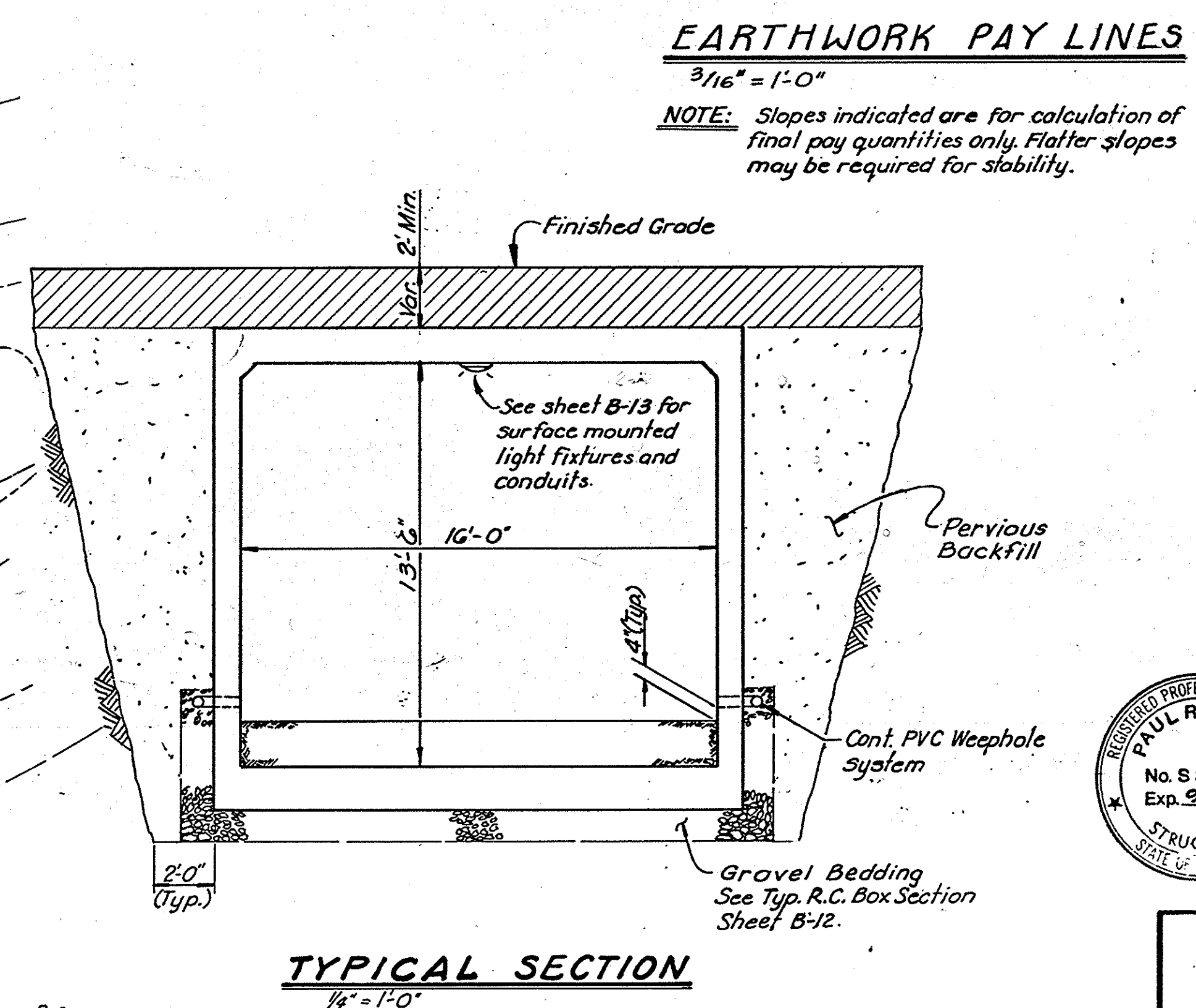
	Structural Excavation
	Unclassified Excavation
	Structural Backfill
	Pervious Backfill
	Unclassified Fill
	3/4\" Gravel



DESIGN DATA

Live Load: HS20-44 and Permit Load on Box

Dead Load: Weight of Earth - 120 p.c.f. Maximum Cover = 4\"/>



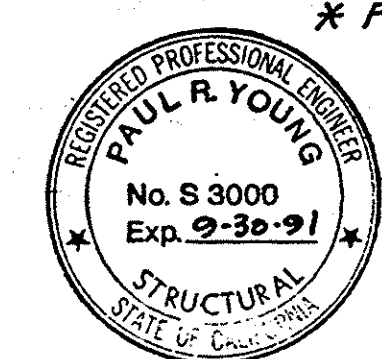
EARTHWORK PAY LINES
3/16\" = 1'-0\"

NOTE: Slopes indicated are for calculation of final pay quantities only. Flatter slopes may be required for stability.

Undercrossing Quantities

No.	Item	Quantity
*1.	Structural Excavation	4250 C.Y.
*2.	Unclassified Excavation	10 C.Y.
*3.	Structural Backfill	675 C.Y.
*4.	Unclassified Fill	200 C.Y.
*5.	Pervious Backfill	1080 C.Y.
*6.	3/4\" Gravel Bedding	210 C.Y.
*7.	Structural Concrete (3250 PSI)	540 C.Y.
*8.	Bar Reinforcing	93,000 Lbs.
*9.	Miscellaneous Metal	360 Lbs.
*10.	Chain Link Fence 5' High	157 L.F.

* Final Pay Quantity



1 1/2 0 1 2
3 inches on original drawing

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DR. 14 (16108)
Sheet 11 of 13

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY		PORTOLA BRIDGE OVER ALISO CREEK		EQUESTRIAN TRAIL UNDERCROSSING PLAN, SECTIONS & EARTHWORK PAYMENT	
MARK	DATE	DESCRIPTION	PREPARED UNDER SUPERVISION OF	DATE	SHEET
DESIGNED	A. CALBREATH	SCALE	DATE	DWG. NO.	B11 OF 13
DRAWN	J. SAL DANA	CHECKED	J. W. B.	AS SHOWN	

DR. 14 6108