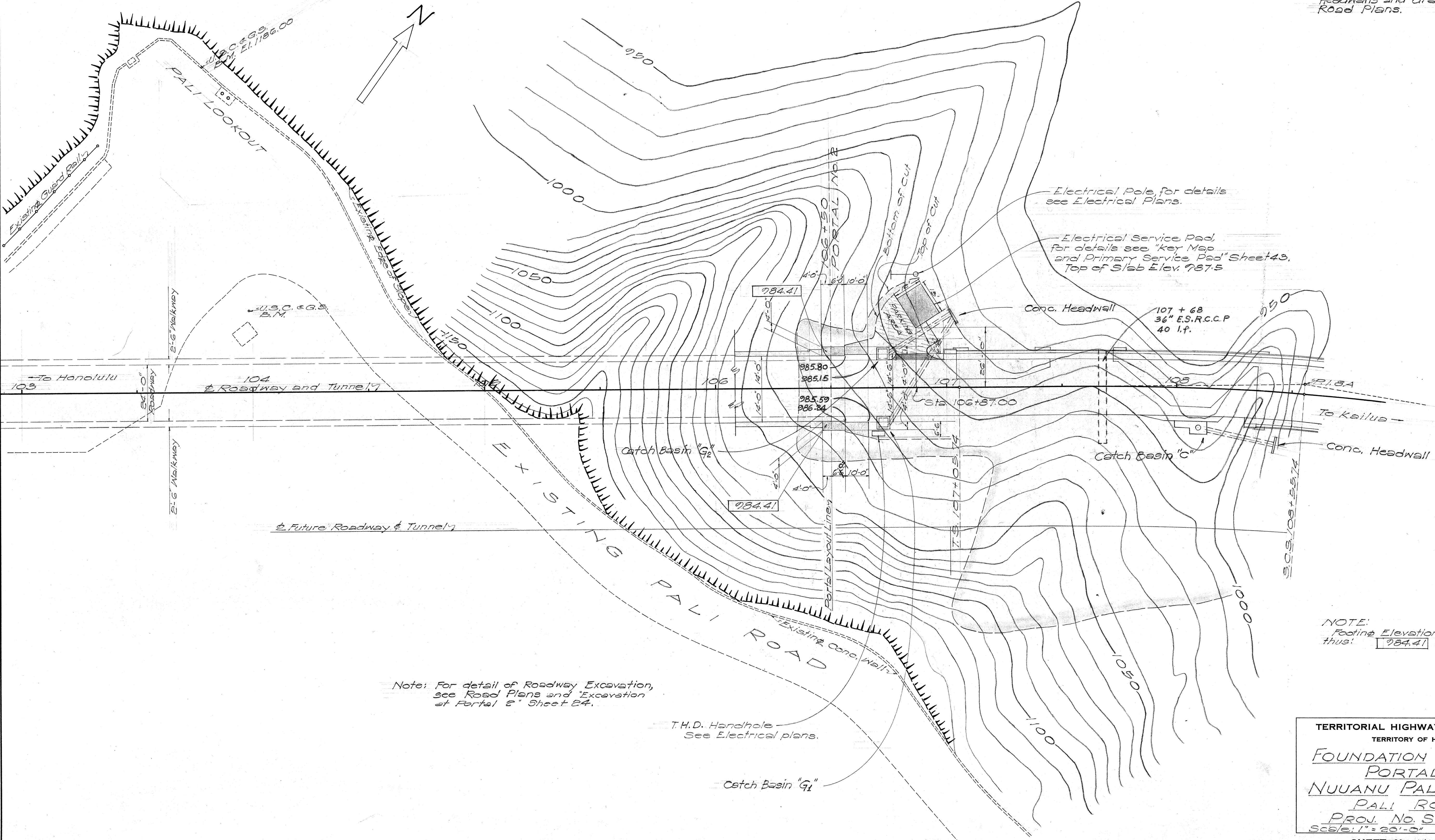


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	SE16(5)	1954	14	112

Note: For details of C.B. "G", C.B. "G₂" and drain pipes, see "Drainage Structures" sheet 40.
For details of C.B. "C", Conc. Headwalls and drain pipes, see Road Plans.



NOTE: Footing Elevation indicated thus: 984.4'

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

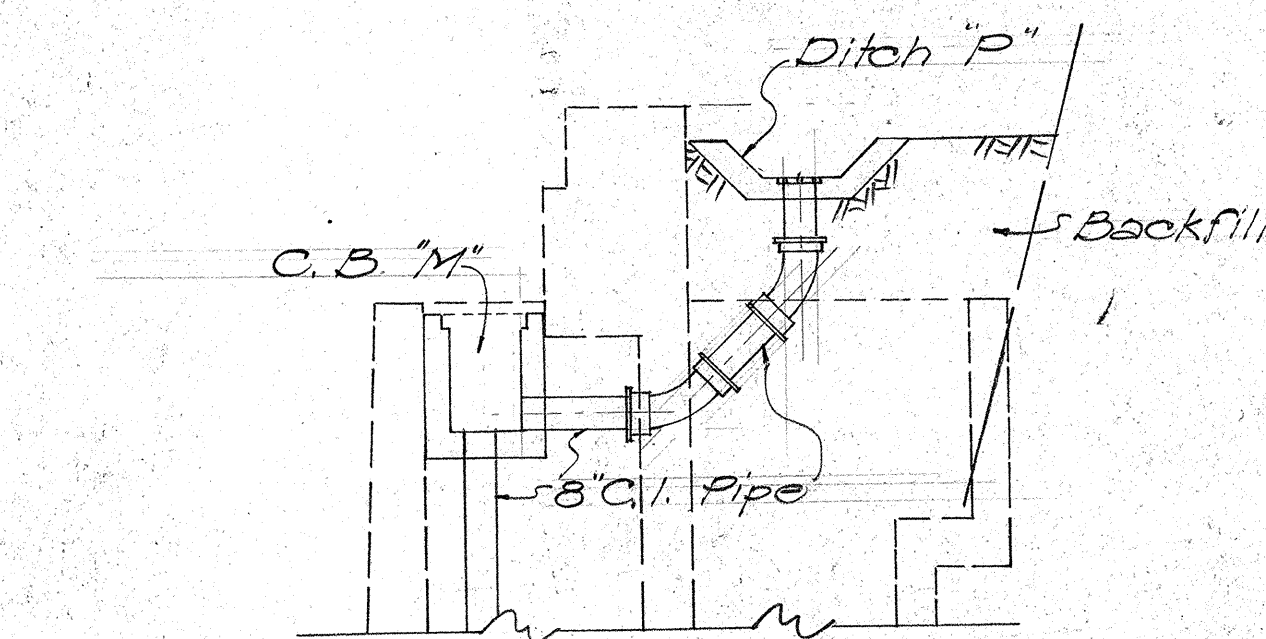
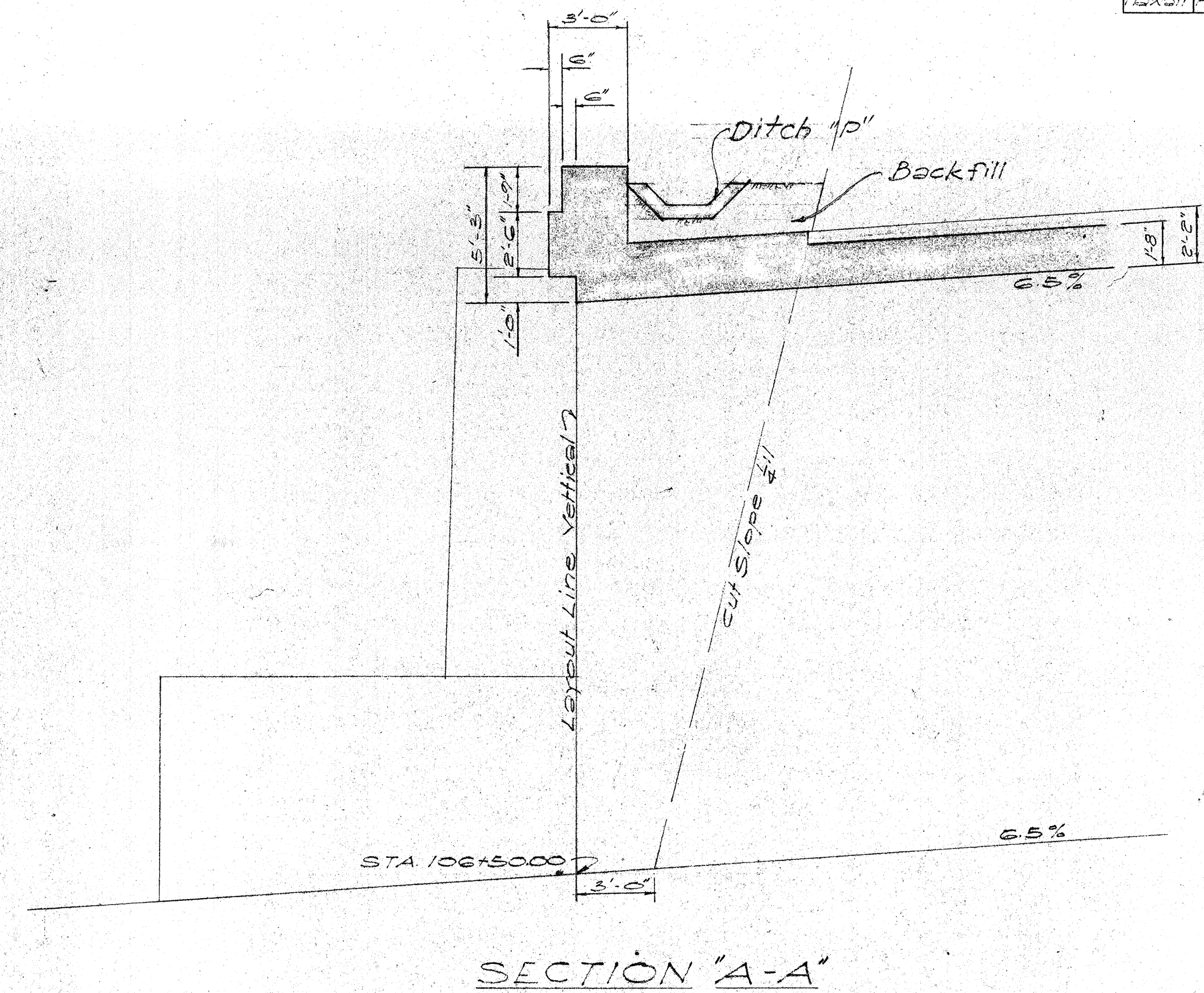
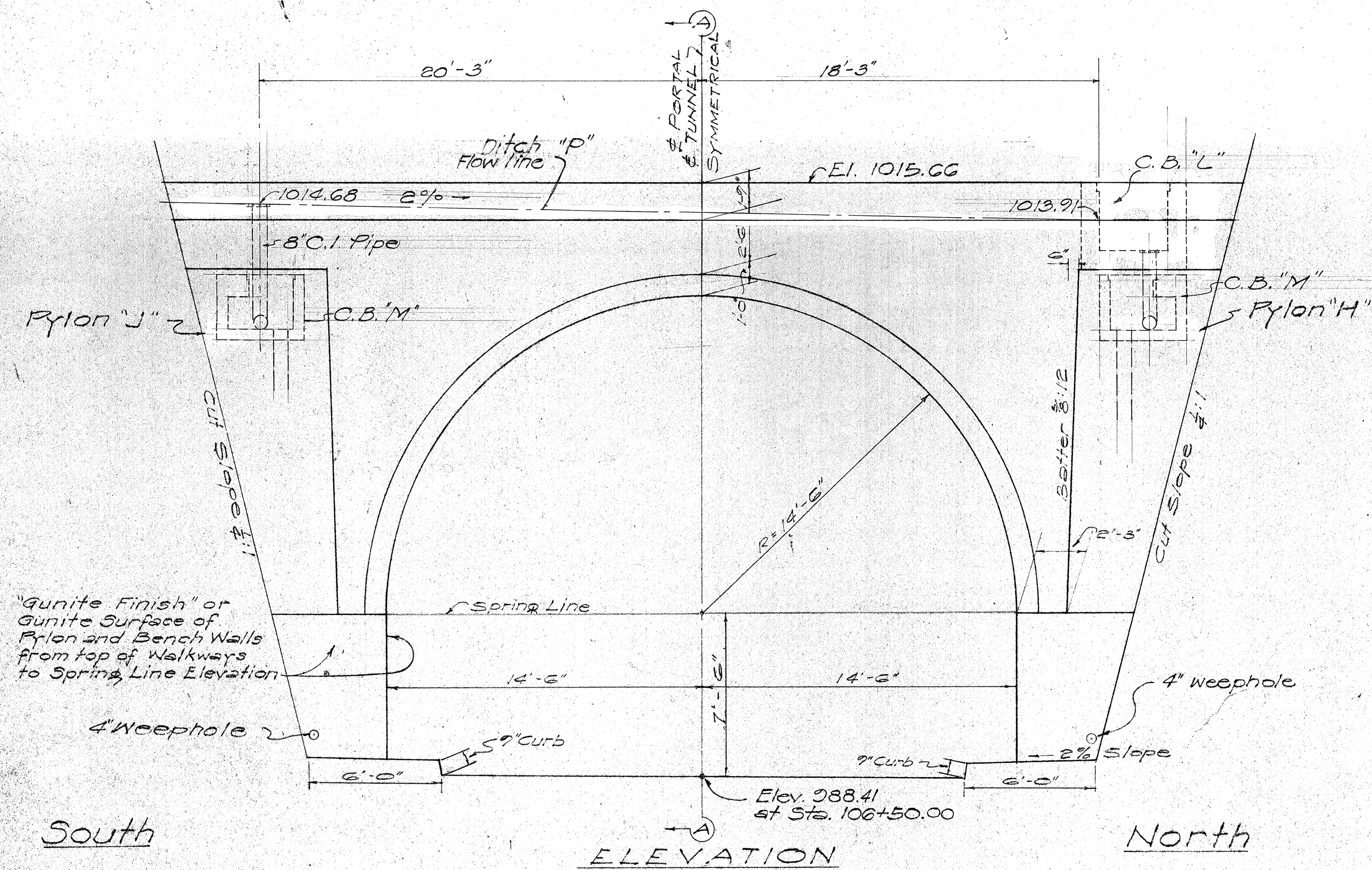
FOUNDATION PLAN AT
PORTAL 2
NUUANU PALI TUNNELS
PALI ROAD
PROJ. NO. SE16(5)
Scale: 1" = 20'-0" June 1954

SHEET No. 14 OF 42 SHEETS

5508.14

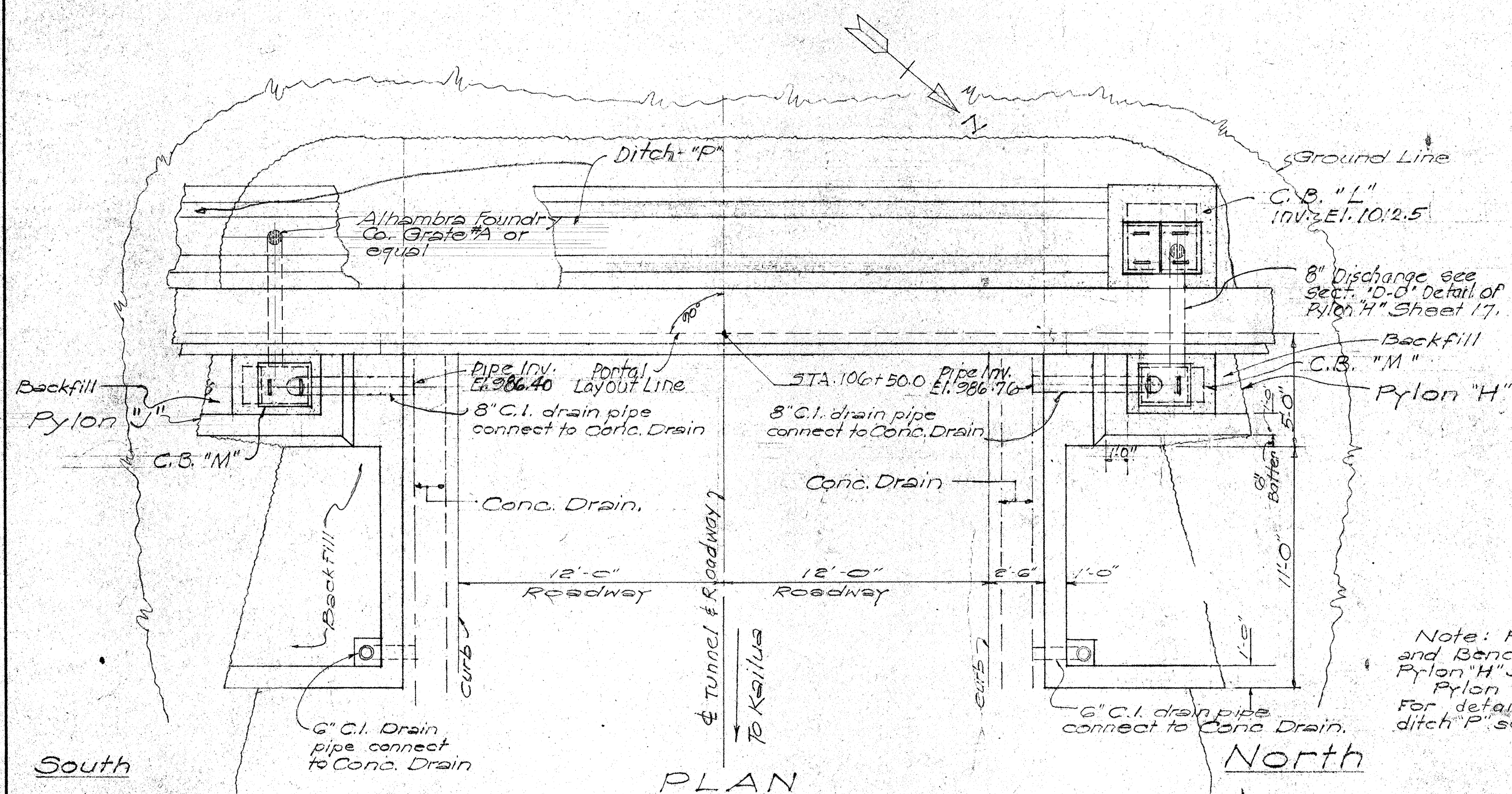
SURVEY PLOTTED BY	DATE
DESIGNED BY	1954
TRACED BY	
QUANTITIES BY	
CHECKED BY	
NOTE BOOK No.	

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
Hawaii	Haw.	5216(5)	1954	15	112



TYPICAL SECTION SHOWING 8" C.I. DRAIN
PIPE CONNECTING DITCH "P" TO CATCH BASIN "M"

NOTE: The above Typical Section is
for Pylons J, K, and S.



Note: For details of Pylon "H" and Bench Walls see Detail of Pylon "H" Sht. 17.
Pylon "J" is similar to Pylon "H".
For details of C.B.L. & M, and drain ditch "P" see "Drainage Structures" sheet 40.

Revisions and Details of Portal
Drainage System. Feb. 2, 1956

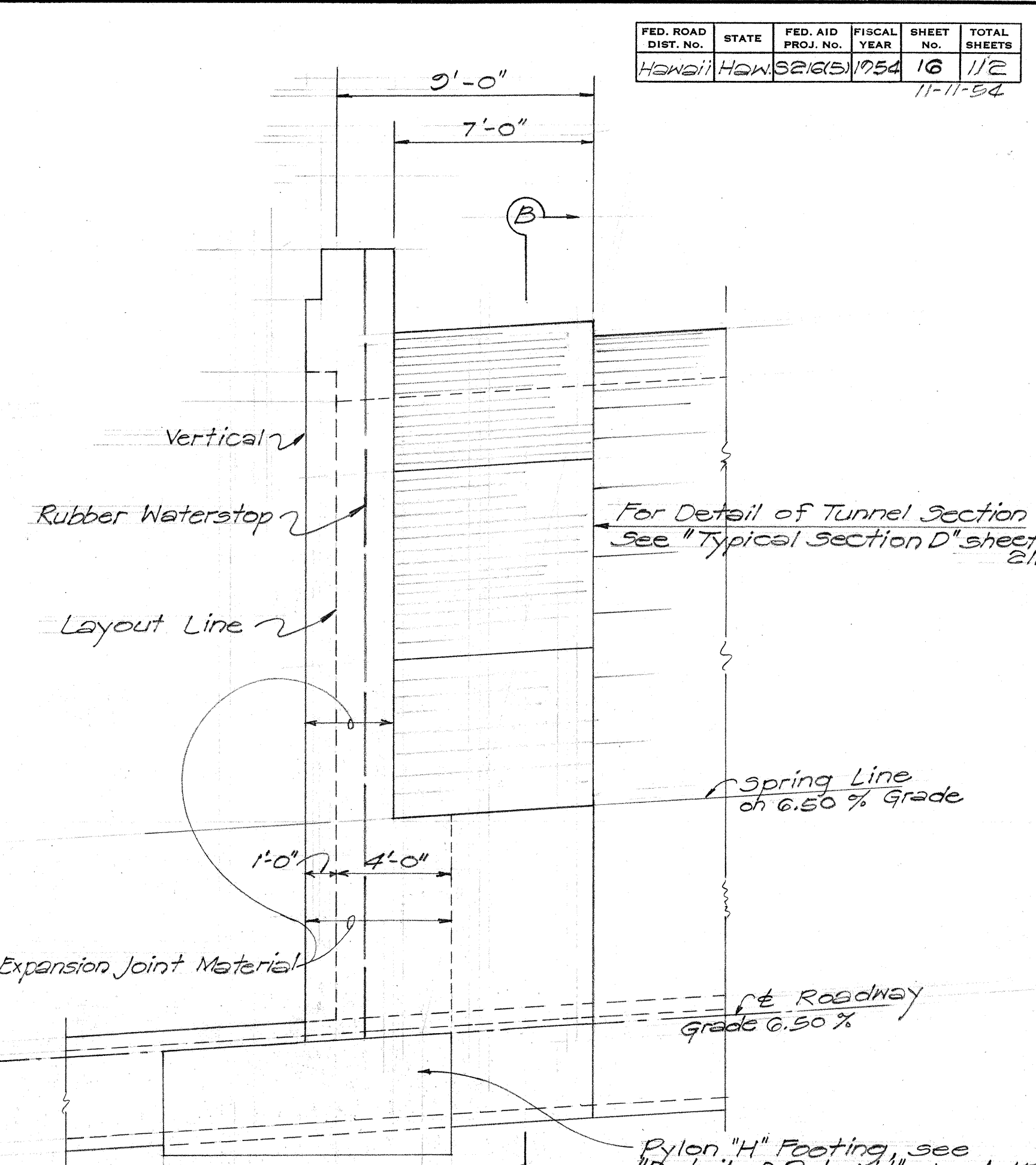
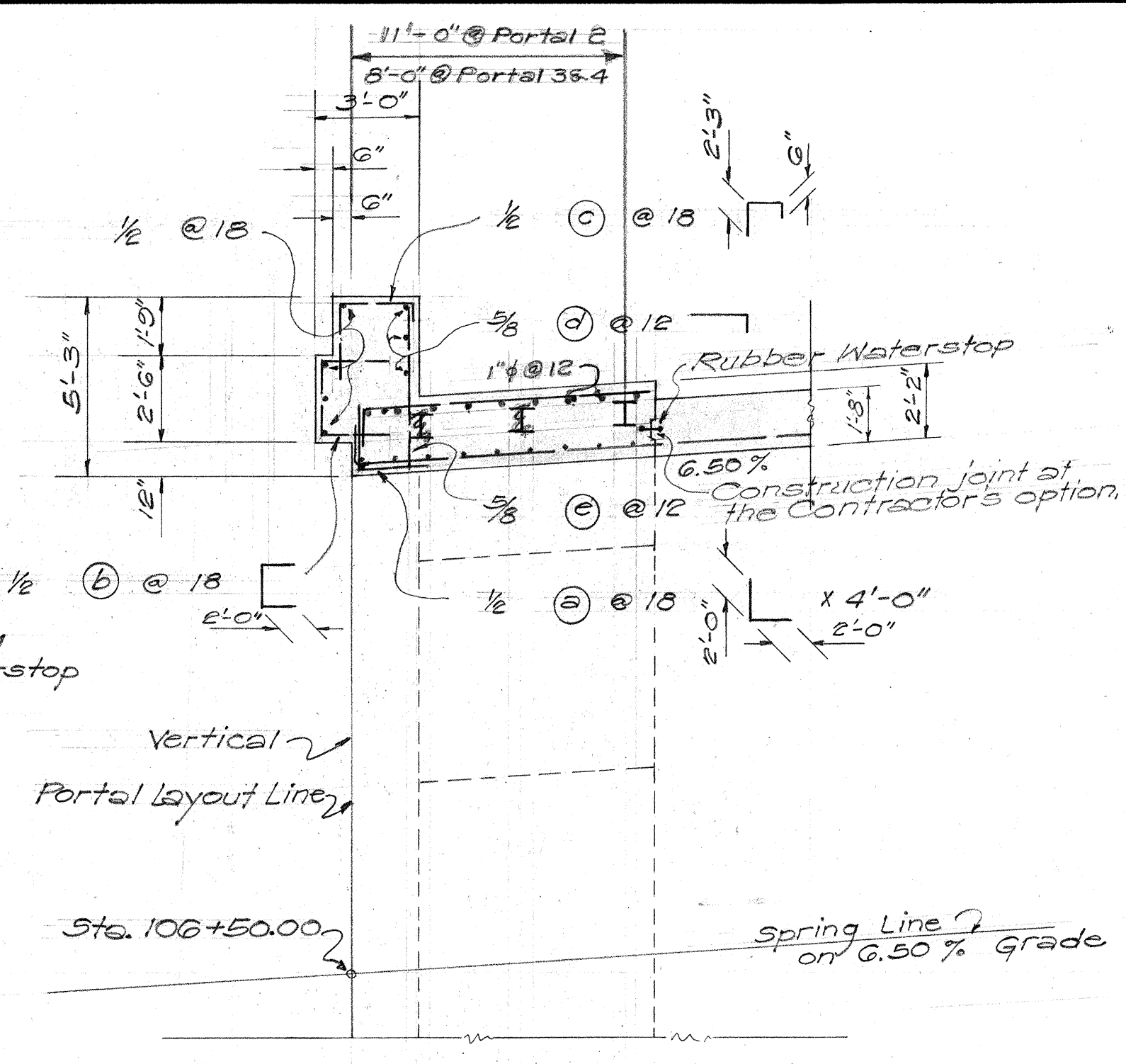
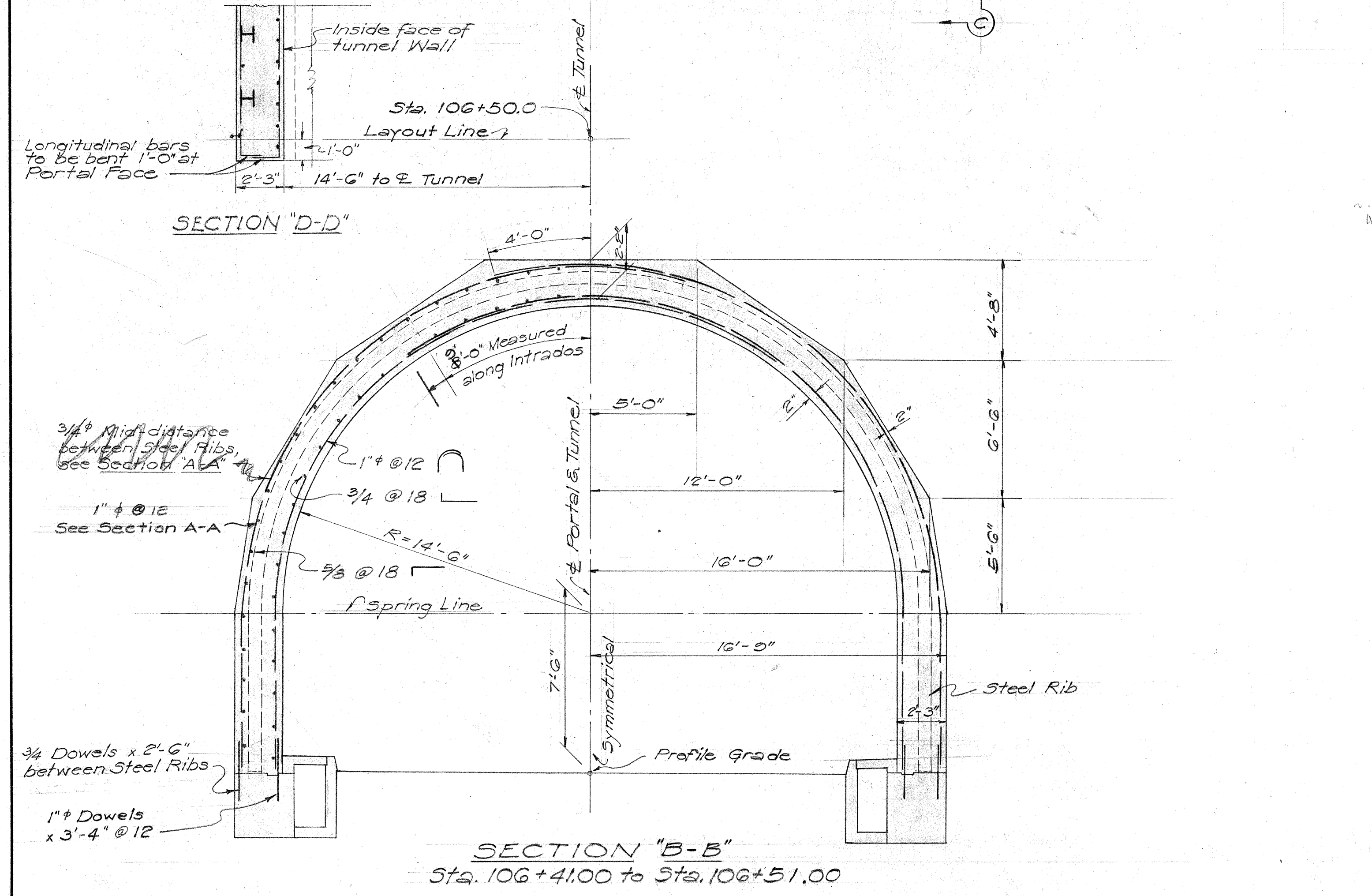
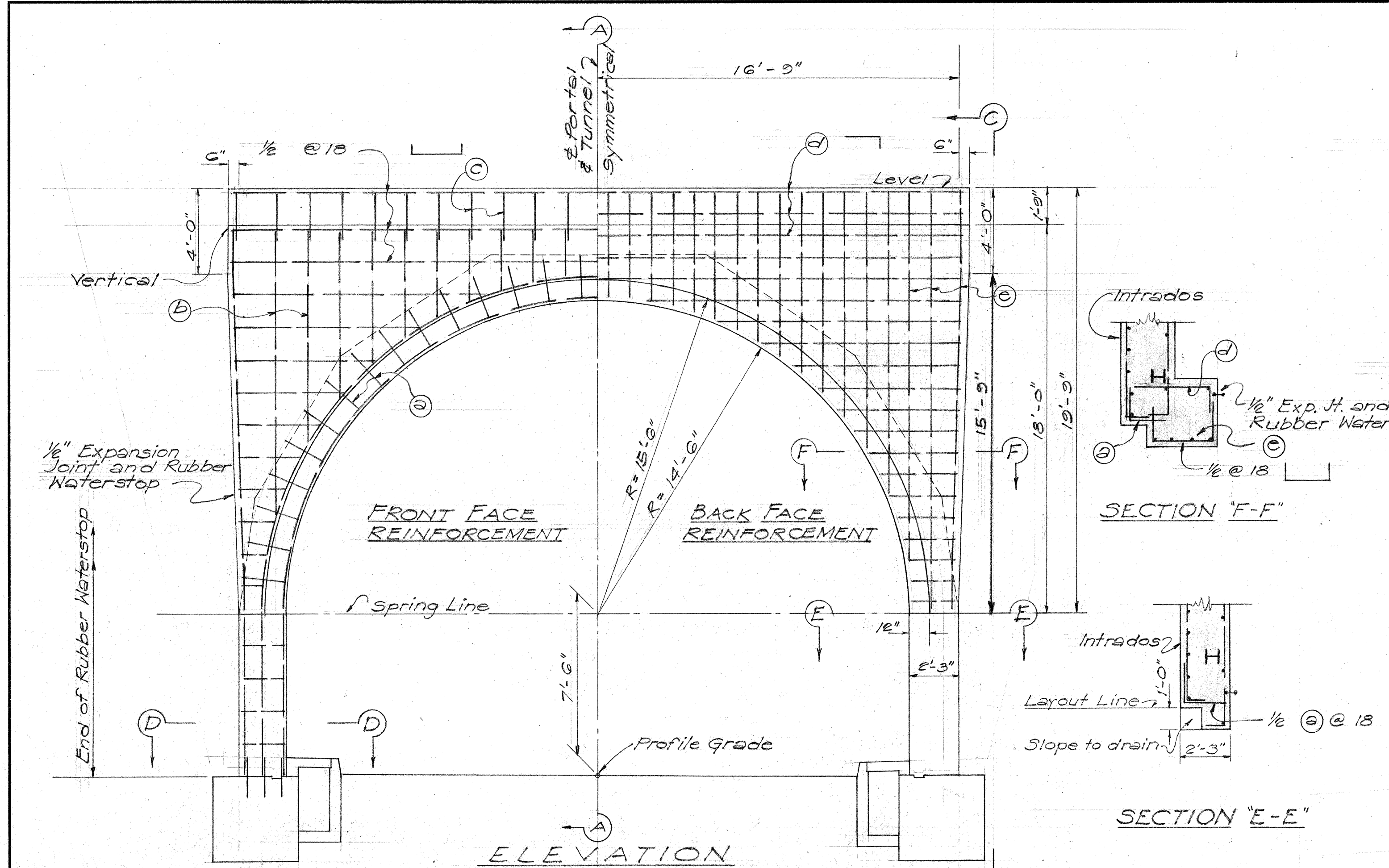
TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

PORTAL 2
NUUANU PALI TUNNELS
PALI ROAD
PROJ. No. SEIG(5)
Scale: 4" = 1'-0" June 1954

SHEET No. 15 OF 42 SHEETS

570\$.15

ORIGINAL PLAN	SURVEY PLOTTED BY DESIGNED BY <i>Charles H. Penner</i> DRAWN BY <i>T. L. E.</i>	DATE <i>5-54</i>
NOTE BOOK No.	TRACED BY QUANTITIES BY <i>O.M.</i> QUANTITIES CHECKED BY CHECKED BY <i>J.O.</i>	



Note: The extrados of tunnel lining at Portals 2, 3, and 4 for length 9'-0" as shown on Section "C-C" at the Contractor's option may be constructed on chords as shown on Sections "B-B" and "C-C" or on arc as shown on Typical Section "D" sheet. Limit lines of payment for Excavation and Concrete Lining are same as shown on Typical Section "D" sheet 21.

DATE	5/27/54
DESIGNED BY	W. H. G. G. G.
TRACED BY	W. H. G. G. G.
QUANTITIES BY	W. H. G. G. G.
CHECKED BY	W. H. G. G. G.
ORIGINAL PLAN NO.	5705.16

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
DETAIL OF PORTAL 2
NUUANU PALI TUNNELS
PALI ROAD
PROJ. No. 3216(5)
Scale: 1" = 1'-0"
June 1954

SHEET No. 16 OF 42 SHEETS

5705.16