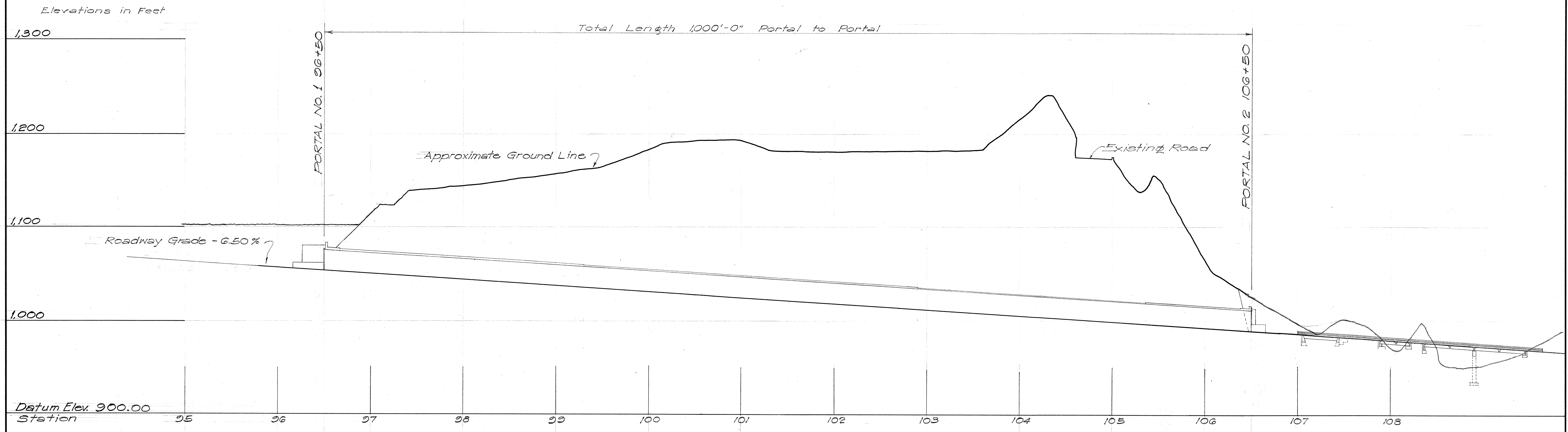
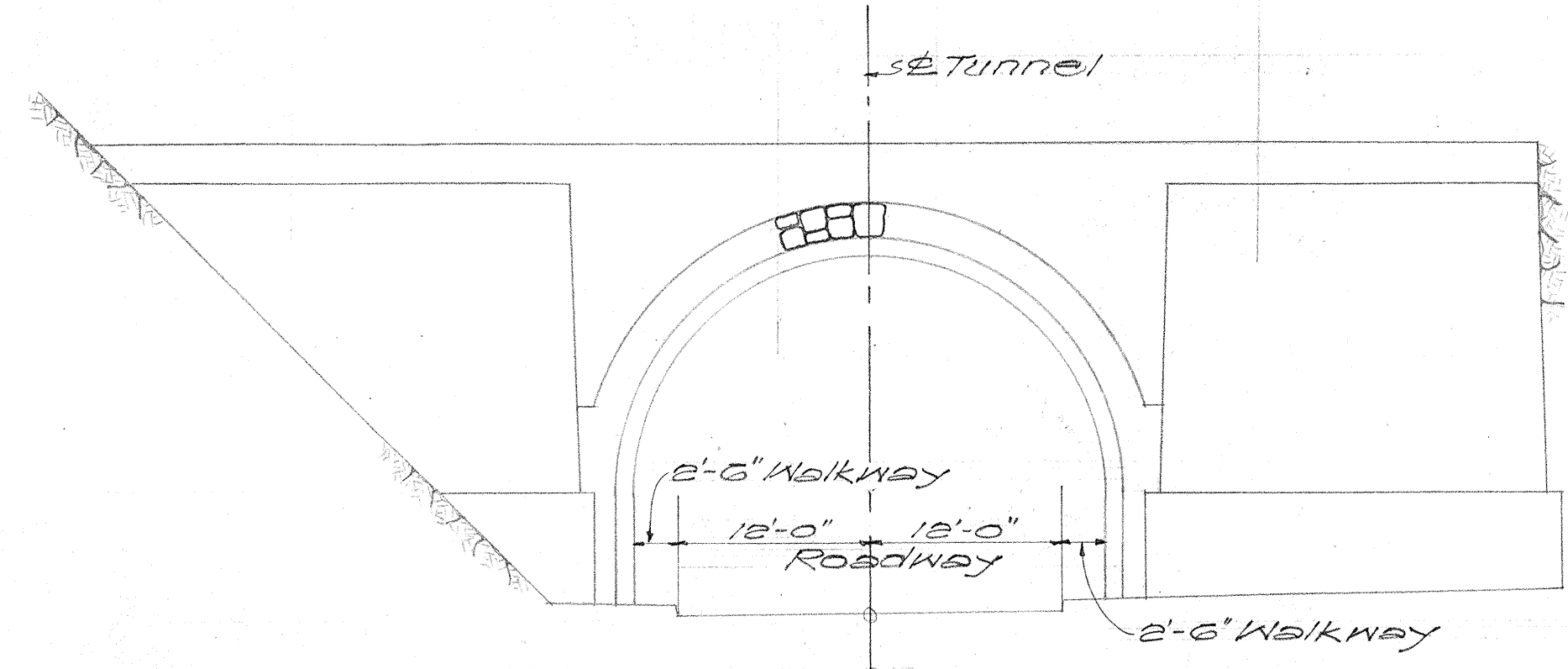
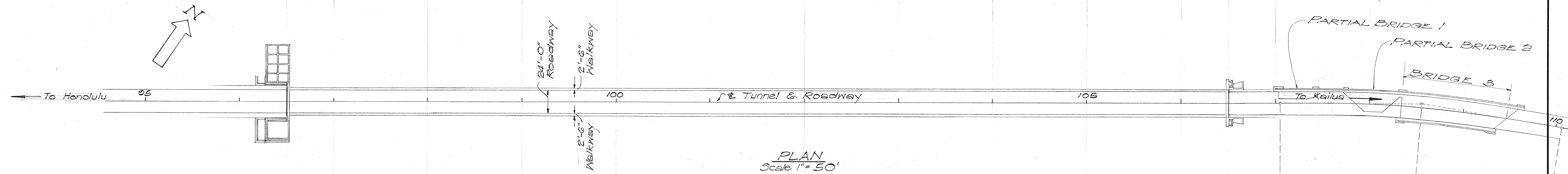




SECTION ALONG $\pm$



PORTAL 1

Scale: 1" = 10'-0"

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

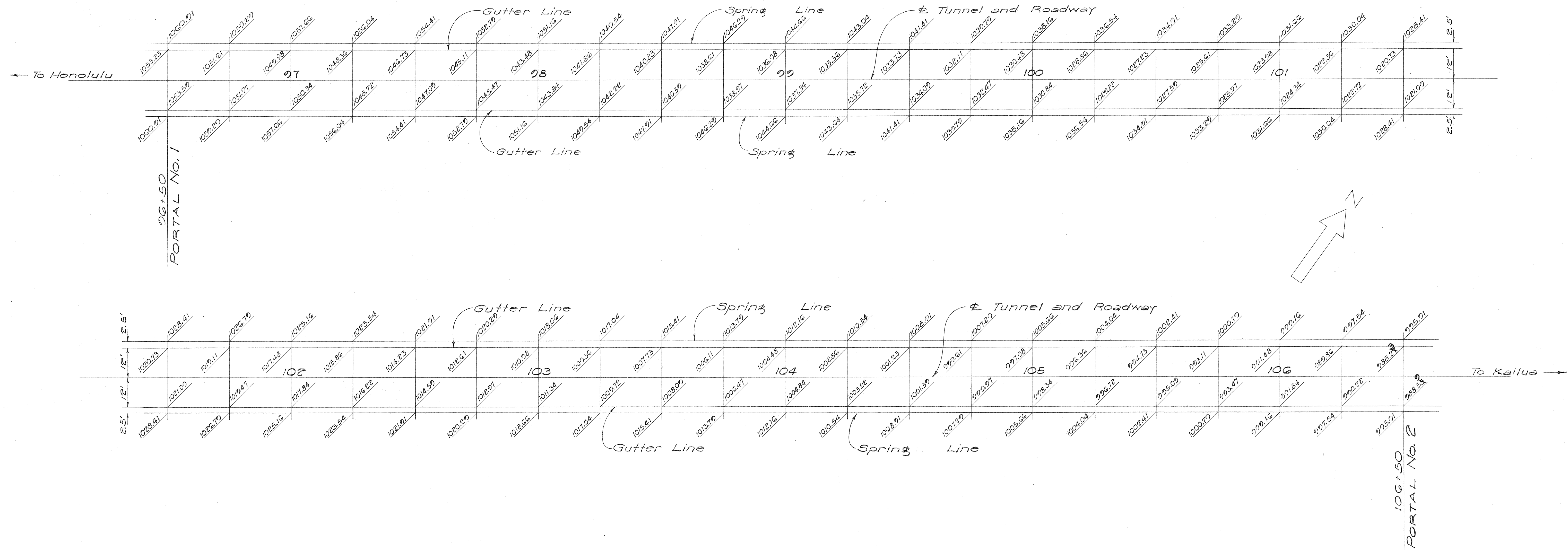
STRUCTURE PLAN
TUNNEL NO. 1
NUUANU PALI TUNNELS

PALI ROAD
PROJ. No. SE16(5)
Scales: as noted June 1954

ORIGINAL PLAN No. 1097 K&E CO., N.Y. *

SURVEY PLOTTED BY: DATE: 11/54
DESIGNED BY: J. G. Coleman
CHECKED BY: J. G. Coleman
QUANTITIES BY: J. G. Coleman
NOTE BOOK NO. 1097

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	5216(5)	1954	5	112

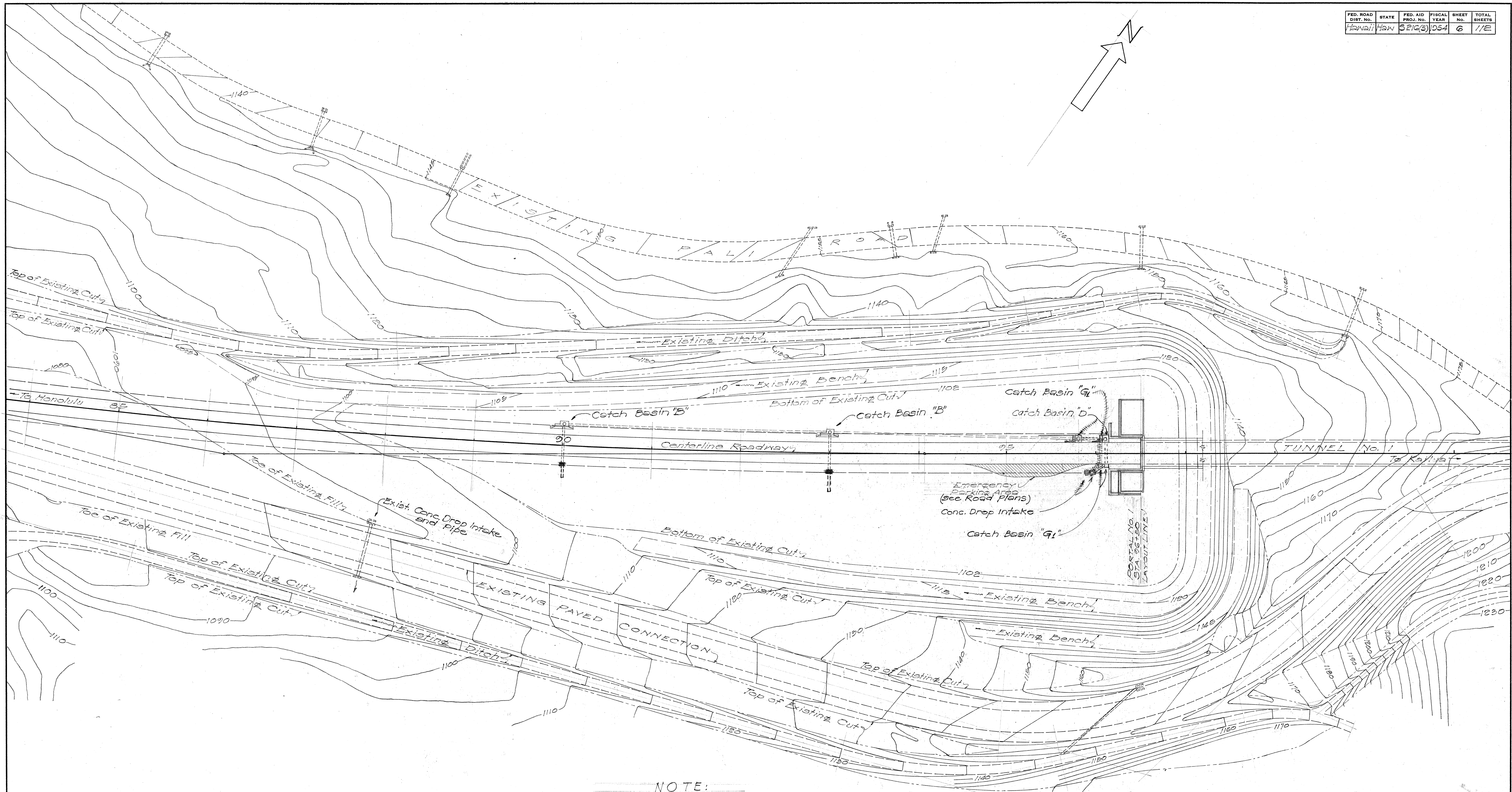


ORIGINAL PLAN	DATE
DESIGNED BY	1954
TRACED BY	
QUANTITIES BY	
CHECKED BY	
NO.	

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
ROADWAY GRADE
TUNNEL No. 1
NUUANU PALI TUNNELS
PALI ROAD
PROJ. No. 5216 (5)
Scale: 1" = 20'-0" June 1954

SHEET No. 5 OF 42 SHEETS

5708.5



NOTE:

For detail of C.B. 'G' and drain pipes see "Drainage Structures" sheet 40.
 For details of excavation see "Excavation at Portal 1," Sheet 23.
 For details of C.B. 'B', C.B. 'D', Conc. Drop Intake and drain pipes, see Road Plans.

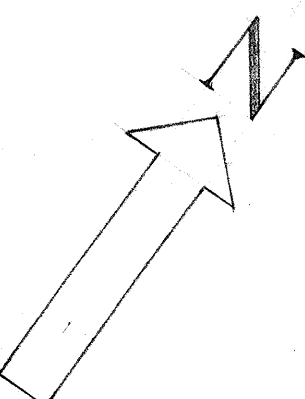
TERRITORIAL HIGHWAY DEPARTMENT
 TERRITORY OF HAWAII
 APPROACH TO PORTAL No. 1
 NUUANU PALI TUNNELS
 PALI ROAD
 PROJ. No. 5216(5)
 Contour Intervals 5'-0"
 Scale: 1"=50' May 1954

SHEET NO. 6 OF 42 SHEETS

5708.6

SURVEY PLOTTED BY: *[Signature]*
 DATE: 5/54
 DESIGNED BY: *[Signature]*
 DRAWN BY: *[Signature]*
 NOTE BOOK NO.:
 QUANTITIES CHECKED BY:
 CHECKED BY:

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	SEA 166	1954	7	112



Note: For details of C.B. "G₁" and drain pipes, see "Drainage Structures" sheet 40.
For details of C.B. "D" conc. Drop Intake, and drain pipes, see Road Plans.

NOTE:
Footing Elevation indicated thus: 1053.2
For Electrical Details see Electrical Plans.

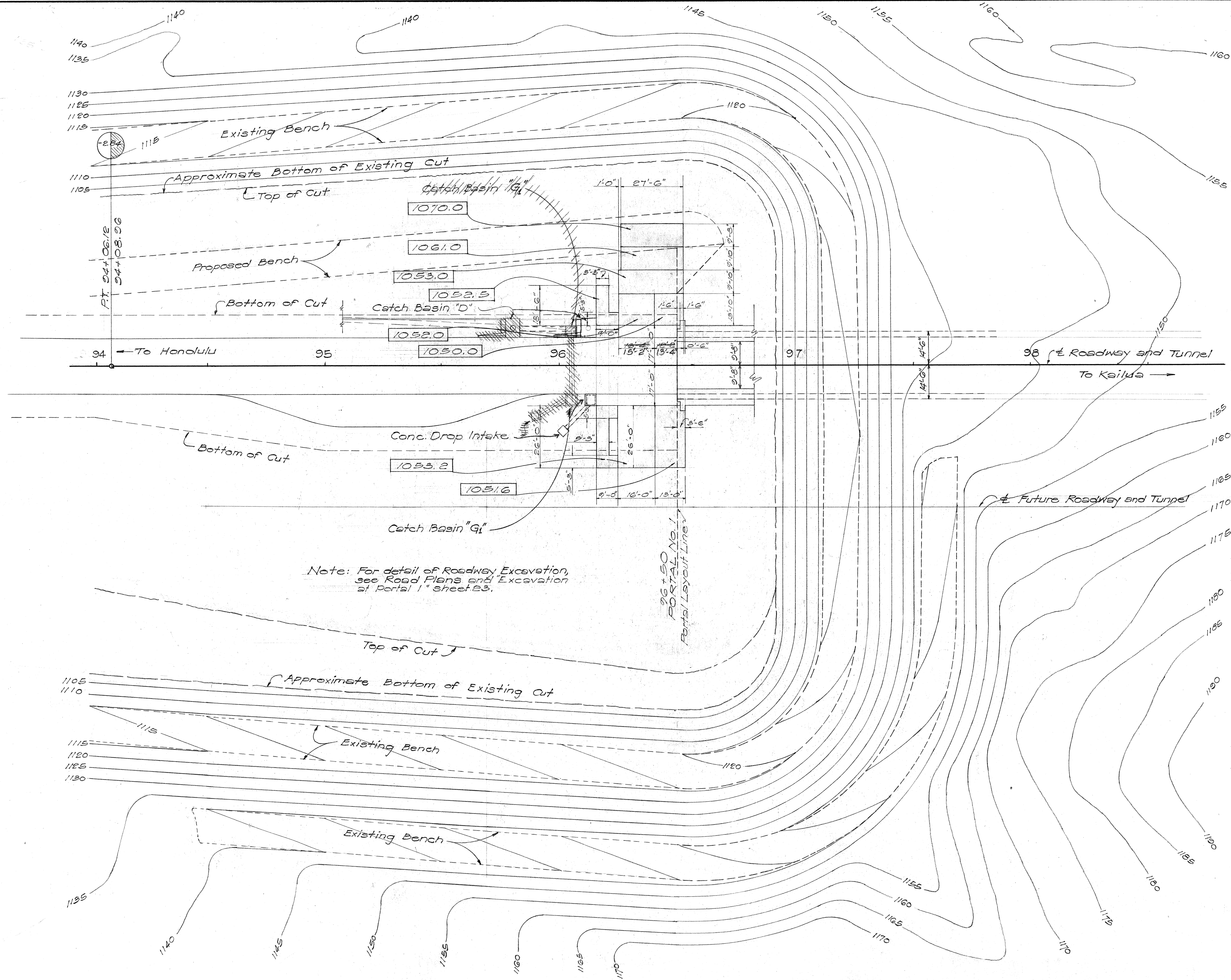
TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

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

SHEET No. 7 OF 42 SHEETS

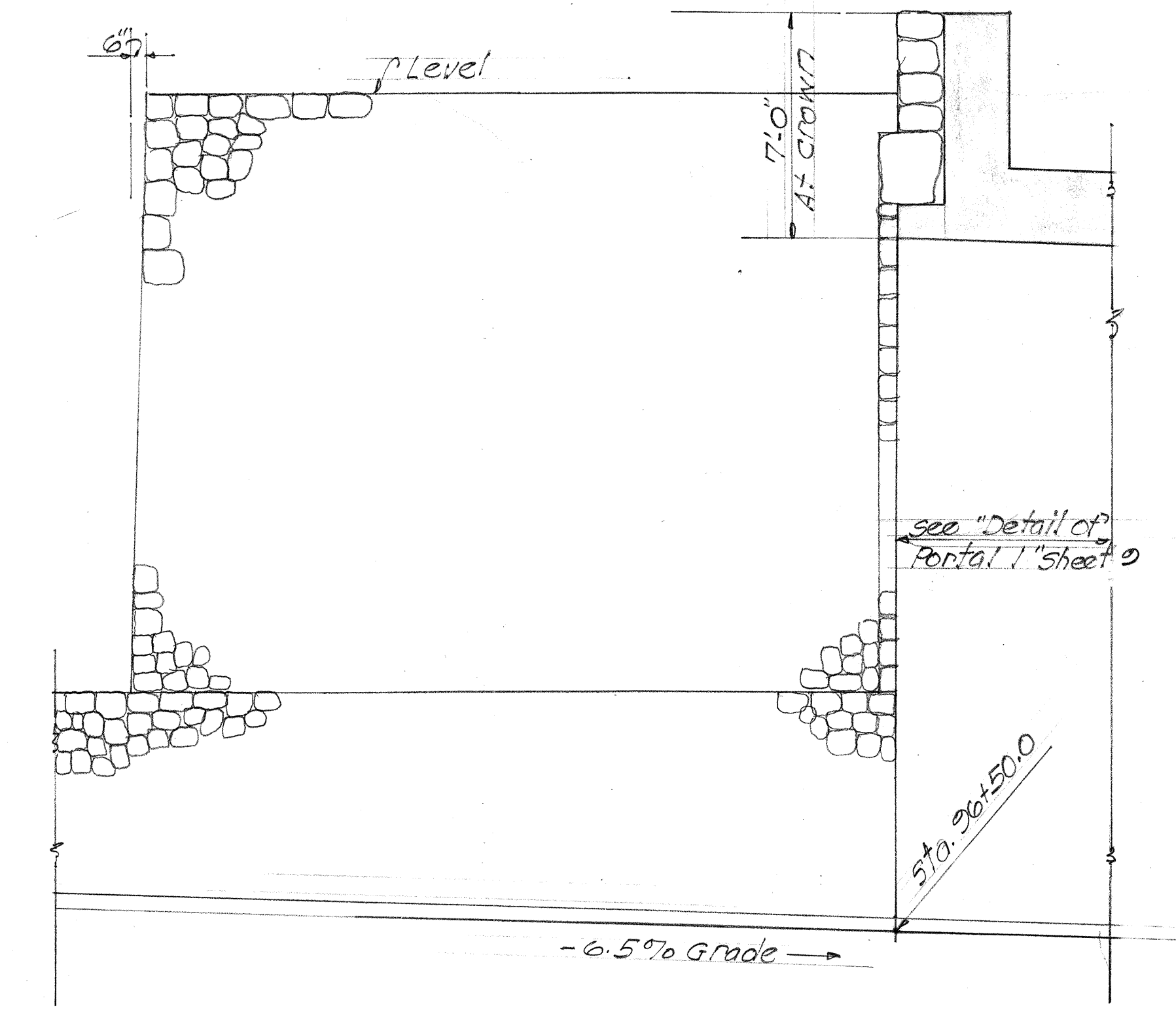
57080

DATE	1954
SURVEY PLOTTED BY	W. H. E. E.
DESIGNED BY	W. H. E. E.
DRAWN BY	W. H. E. E.
CHECKED BY	W. H. E. E.
ORIGINAL PLAN	No.
NOTE BOOK	No.
QUANTITIES CHECKED BY	No.
CHECKED BY	No.



Note: For detail of Roadway Excavation, see Road Plans and "Excavation at Portal 1" sheet 23.

ORIGINAL PLAN	SURVEY PLOTTED BY DESIGNED BY <i>W. J. A. E. E. E.</i> DRAWN BY TRACED BY QUANTITIES BY <i>C. M.</i> QUANTITIES CHECKED BY <i>P. T.</i> CHECKED BY <i>J. O.</i>	DATE " <i>5/54</i> " " " " "
NOTE BOOK No.		



SECTION "A-A"

