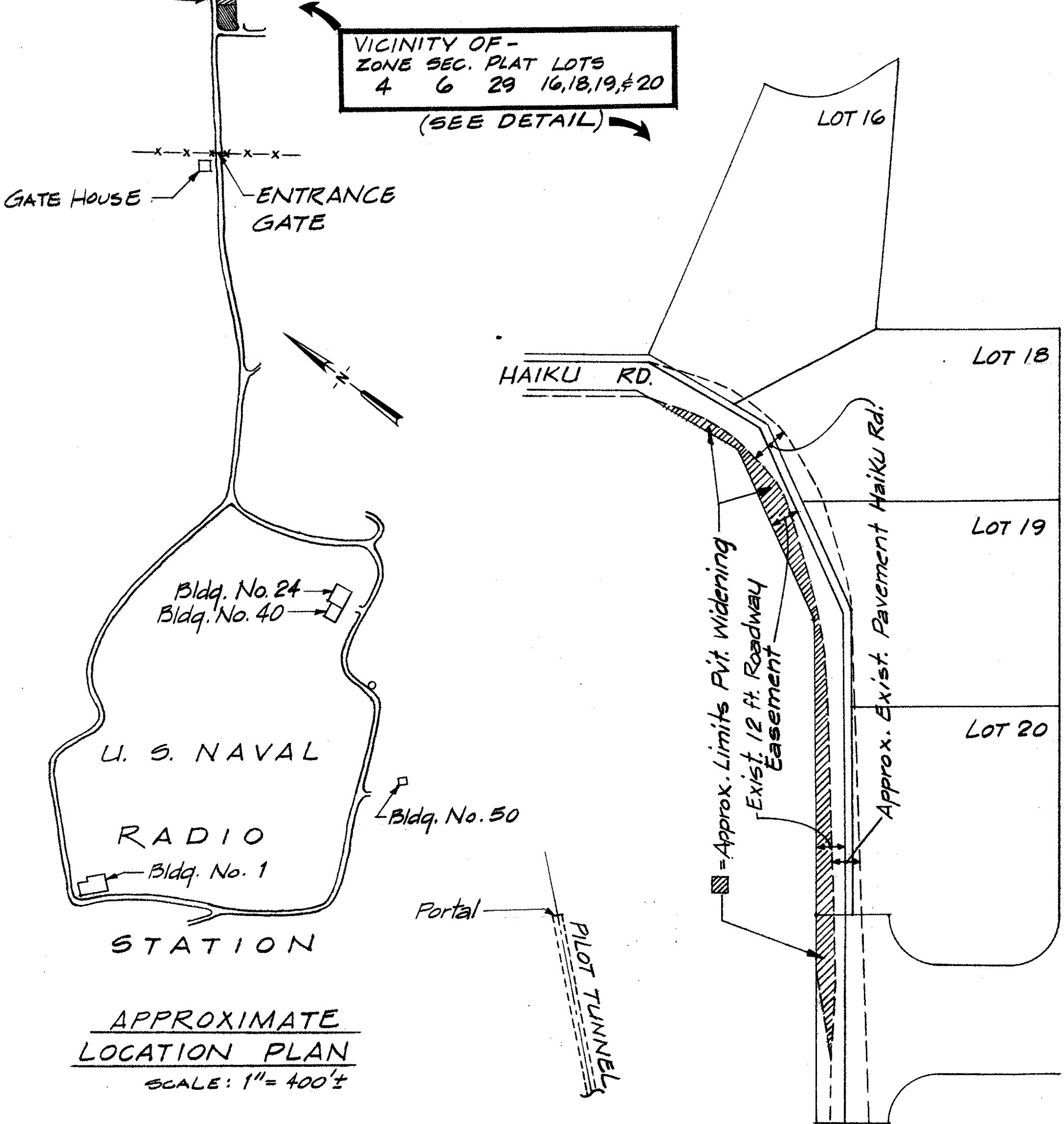


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(9)6	1975	8	17

- NOTES:
- PAVEMENT WIDENING SHALL BE CONSTRUCTED BY UTILIZING A PAVEMENT SECTION OF 6" AGGREGATE BASE COURSE WITH A 1 1/2" ASPHALT CONCRETE PAVEMENT (MIX NO. I).
 - WIDENING SHALL MEET AND CONFORM TO EXISTING PAVEMENT.
 - A 2-FOOT, NON-PAVED, BERM AREA AT A SLOPE NOT TO EXCEED 6 HORIZONTAL TO 1 VERTICAL, SHALL BE CONSTRUCTED ADJACENT TO EDGE OF PAVEMENT. CUT AND FILL CONSTRUCTION SHALL BE ADJUSTED TO MEET EXISTING TERRAIN & SUBJECT TO THE APPROVAL OF THE ENGINEER.

VICINITY OF REQUIRED WIDENING OF HAIKU ROAD



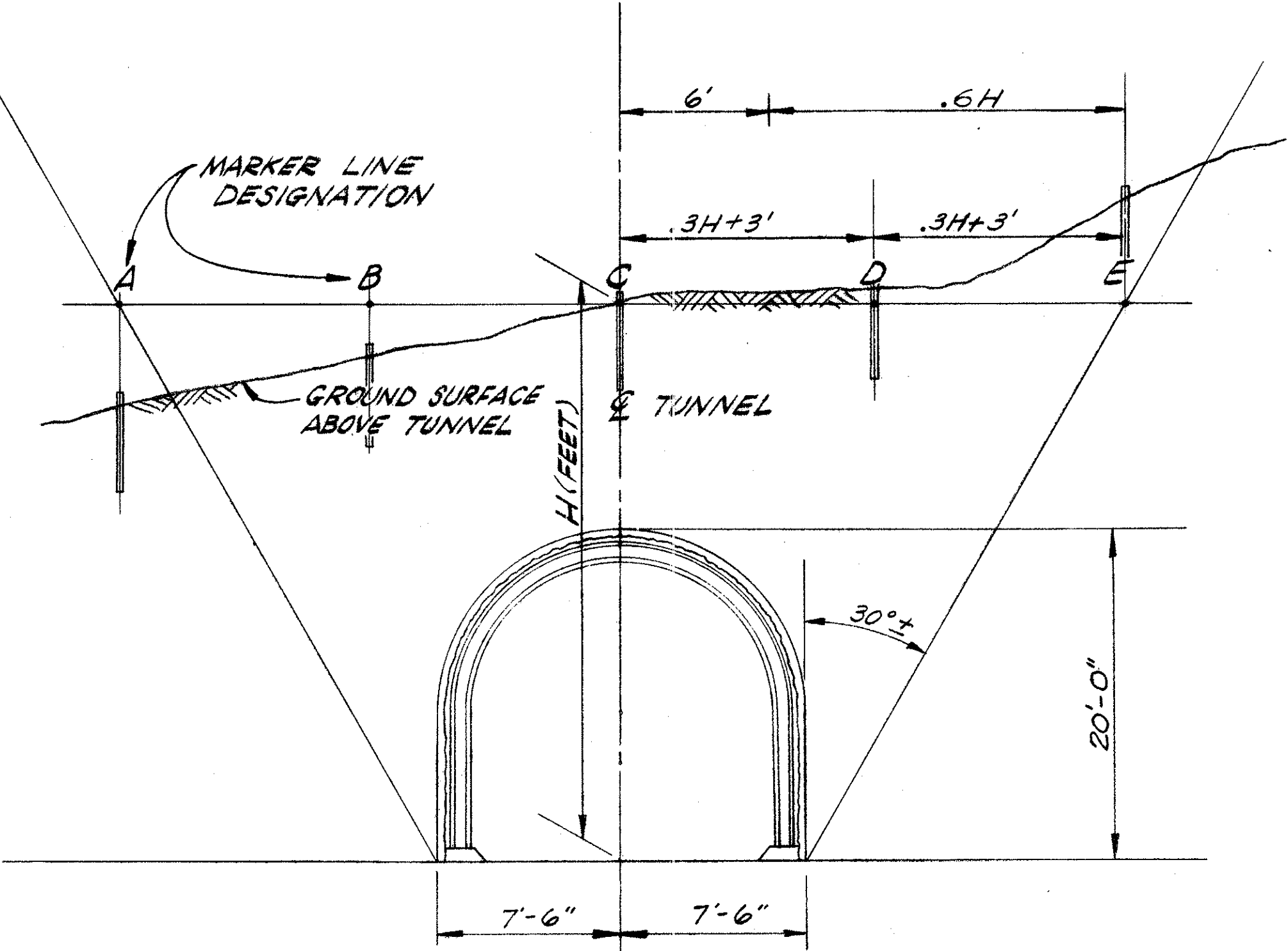
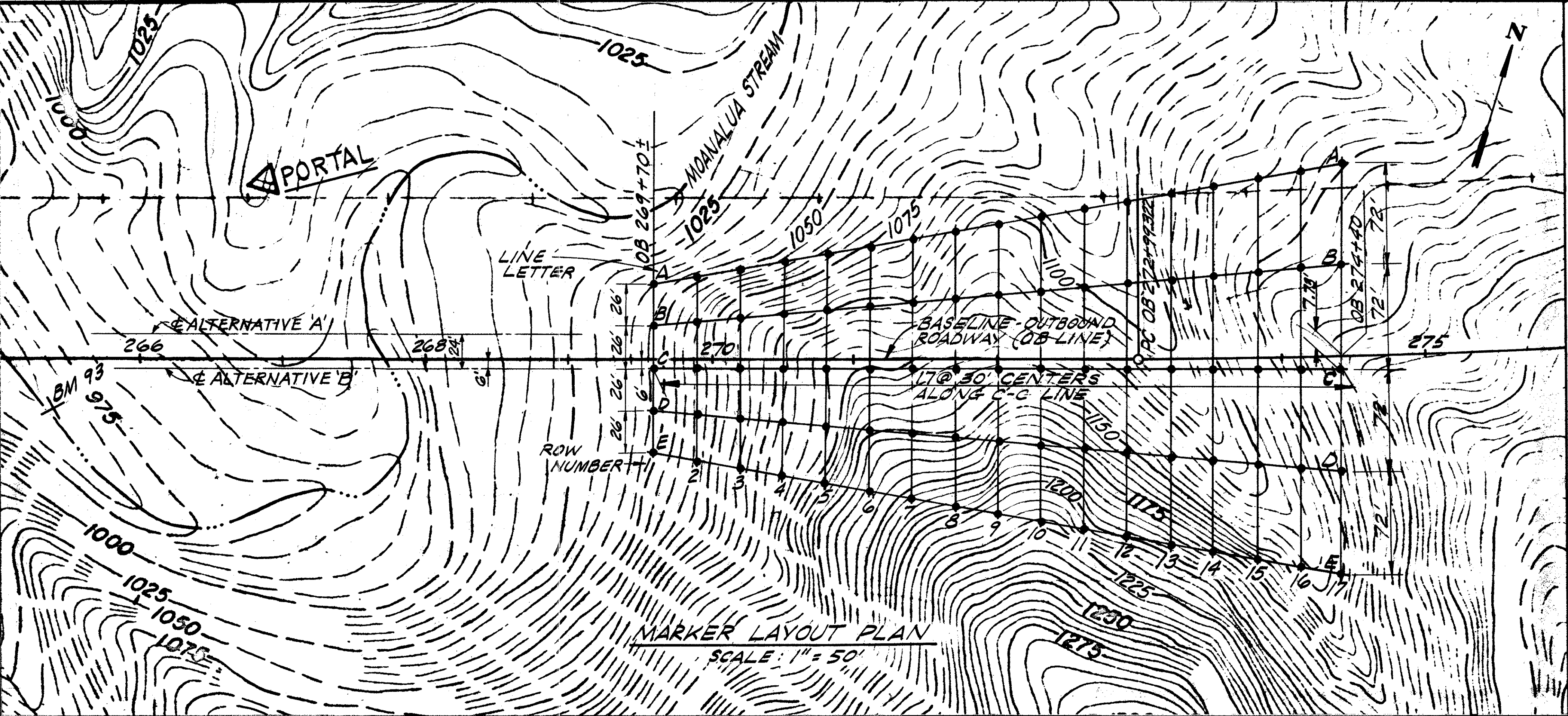
DETAIL WIDENING OF HAIKU ROAD
SCALE: 1" = 40'

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

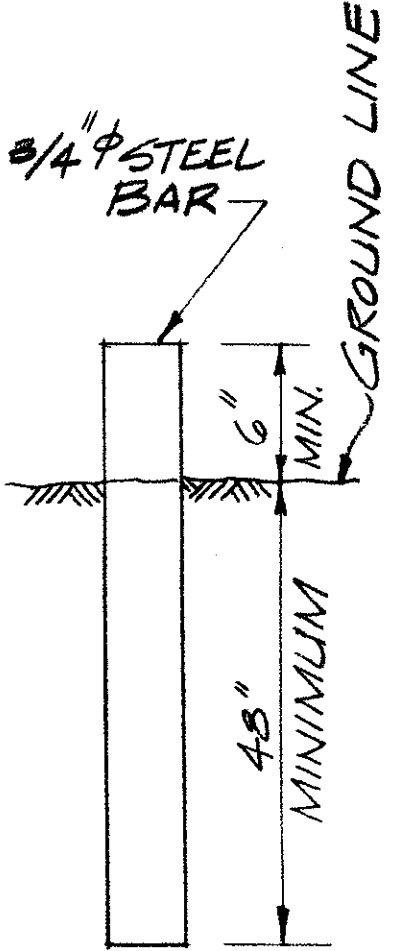
SETTLEMENT MARKERS
AT LEeward PORTAL &
WIDENING OF HAIKU RD.
TRANS KOOLAU PILOT TUNNEL
F.A.I. PROJECT I-H3-1(9)6

SCALE: AS NOTED DATE: JULY 10, 1975

SHEET NO. OF SHEETS



MARKER LAYOUT DEVELOPMENT
PILOT TUNNEL CROSS SECTION IN SOFT GROUND
N.T.S.



SETTLEMENT MARKER
N.T.S.

- NOTES:
- DESIGNATE EACH MARKER BY LINE LETTER & ROW NUMBER, FOR EXAMPLE, A3.
 - IDENTIFY EACH MARKER IN THE FIELD WITH ITS DESIGNATION.
 - FLAG, PAINT, OR OTHERWISE DISTINGUISH EACH MARKER SO THAT IT IS EASILY SEEN FROM AT LEAST 10 FEET AWAY.
 - CLEAR AS REQUIRED & MAINTAIN TRANSVERSE AND LONGITUDINAL LINES OF SIGHT.
 - LINE SPACING DIMENSIONS SHOWN ARE APPROXIMATE. ACTUAL SPACING IS CONTROLLED BY THE OVERBURDEN AS INDICATED ON THE CROSS SECTION. ADJUST IN THE FIELD TO PROVIDE STRAIGHT LINES OF SIGHT WHERE POSSIBLE.
 - MARKER LAYOUT PLAN SHOWN FOR ALTERNATIVE 'B'; LAYOUT FOR ALTERNATIVE 'A' SIMILAR WITH LINE C-C ON PILOT TUNNEL CENTERLINE.

DATE	_____
DESIGNED BY	_____
CHECKED BY	_____
NOTE BOOK	_____
NO.	_____