

SUPERELEVATION:

Superelevation shall be in accordance with the requirements for a designed speed of 50 miles per hour as recommended by the Public Roads Administration.

For simple curve superelevation shall start at a point 200' from the P.C. and reach the full super required by the P.C. by lowering the outer edges of the pav't at the uniform rate from the standard crown to the required superelevation.

For spiral curves superelevation shall start at the T.S. and reach the full super required at the S.C. by lowering and raising the outer edges of the pav't at the uniform rate from the standard crown to the required superelevation.

EXTRA WIDENING:

Widening shall be in accordance with the requirements for a designed speed of 50 miles per hour as recommended by the Public Roads Administration.

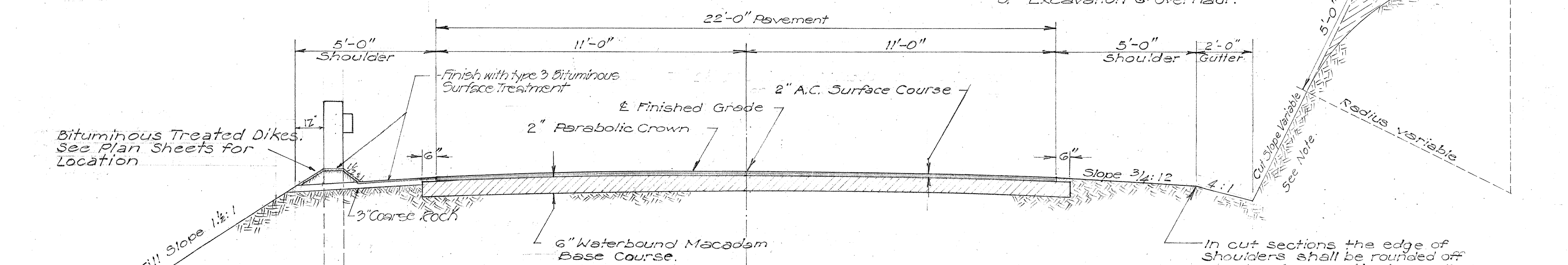
FILL SLOPE.

HT. OF FILL	FILL SLOPE
0'-3'	4:1
3'-6'	2:1
OVER 6'	1 1/2:1

CUT SLOPE

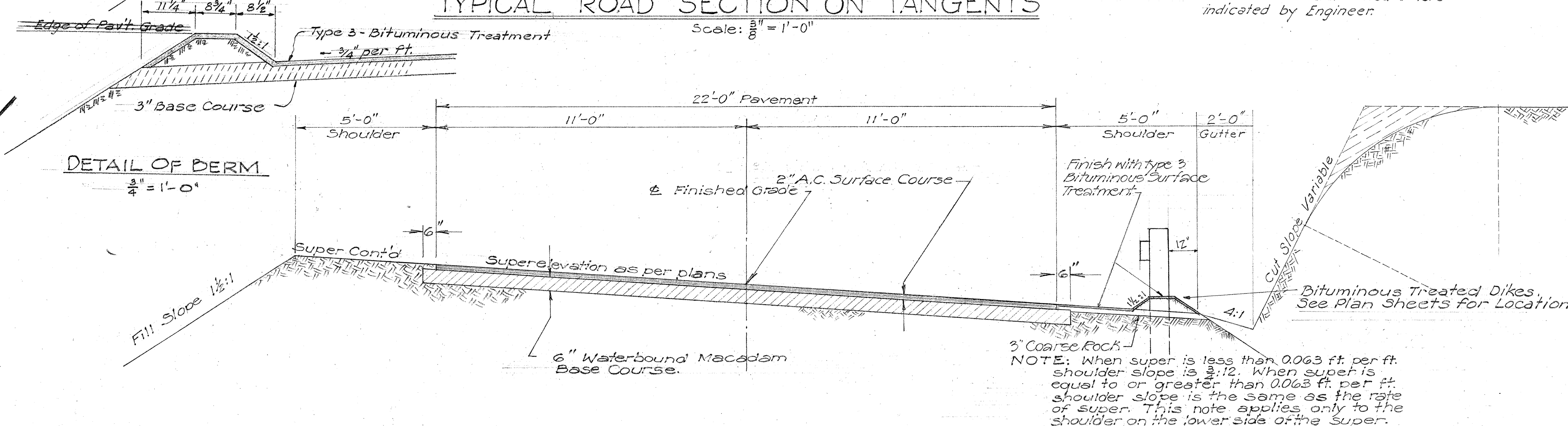
1. For cuts over 20' the cut slope shall be $\frac{1}{2}$: 1.
 2. For cuts less than 20' the cut slopes shall be as follows:
- | | | | | | |
|---------|---|---|---|---|-----------|
| (a) 3:1 | " | " | " | " | 6' to 20' |
| (b) 1:1 | " | " | " | " | 6' to 10' |
| (c) 2:1 | " | " | " | " | 4' to 8' |
| (d) 3:1 | " | " | " | " | 4' to 6' |
| (e) 4:1 | " | " | " | " | 2' to 4' |
3. For cuts less than 2 ft. the cut slope shall be 4:1 or carried out to the R/W.

NOTE: Tops of cut slopes are to be rounded as shown at the places indicated by the Engineer. Where cut slopes measure less than 5 feet the 5 feet tangent shown in the rounding of cuts shall be changed to correspond with depth of cut. Rounded tops of cuts are paid for by their length and as such are not a Material's measurement. In this shaded area shall be included for payment under the items of "Excavation & Overhaul."



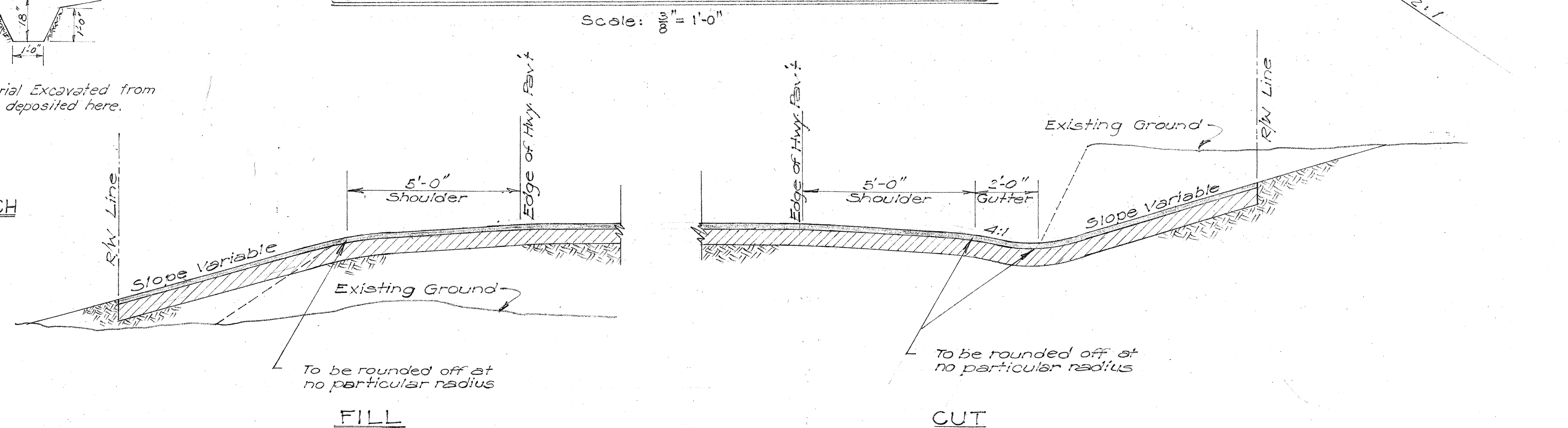
TYPICAL ROAD SECTION ON TANGENTS

Scale: $\frac{1}{4}$ " = 1'-0"



TYPICAL ROAD SECTION ON CURVES

Scale: $\frac{1}{2}$ " = 1'-0"



FILL

CUT

DETAILS OF PAVED SIDE ROAD APPROACHES

Scale: 1" = 1'-0"

PAYEMENT - Pavement shall be asphalt concrete 2" thick when fully compacted. It shall be laid in one layer using Mix III.

BASE COURSE - Base Course shall be waterbound macadam 6" compacted thickness, placed in two layers and consisting of coarse rock No. 2 ($1\frac{1}{2}$ " - $\frac{3}{4}$ ") filled with filler ($\frac{1}{2}$ " - No. 100). Slow curing liquid asphalt for prime coat shall be applied to the surface of the base course at the rate of 0.35 gal. per sq. yd.

Both above courses subject to Specifications and Special Provisions

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

TYPICAL SECTIONS

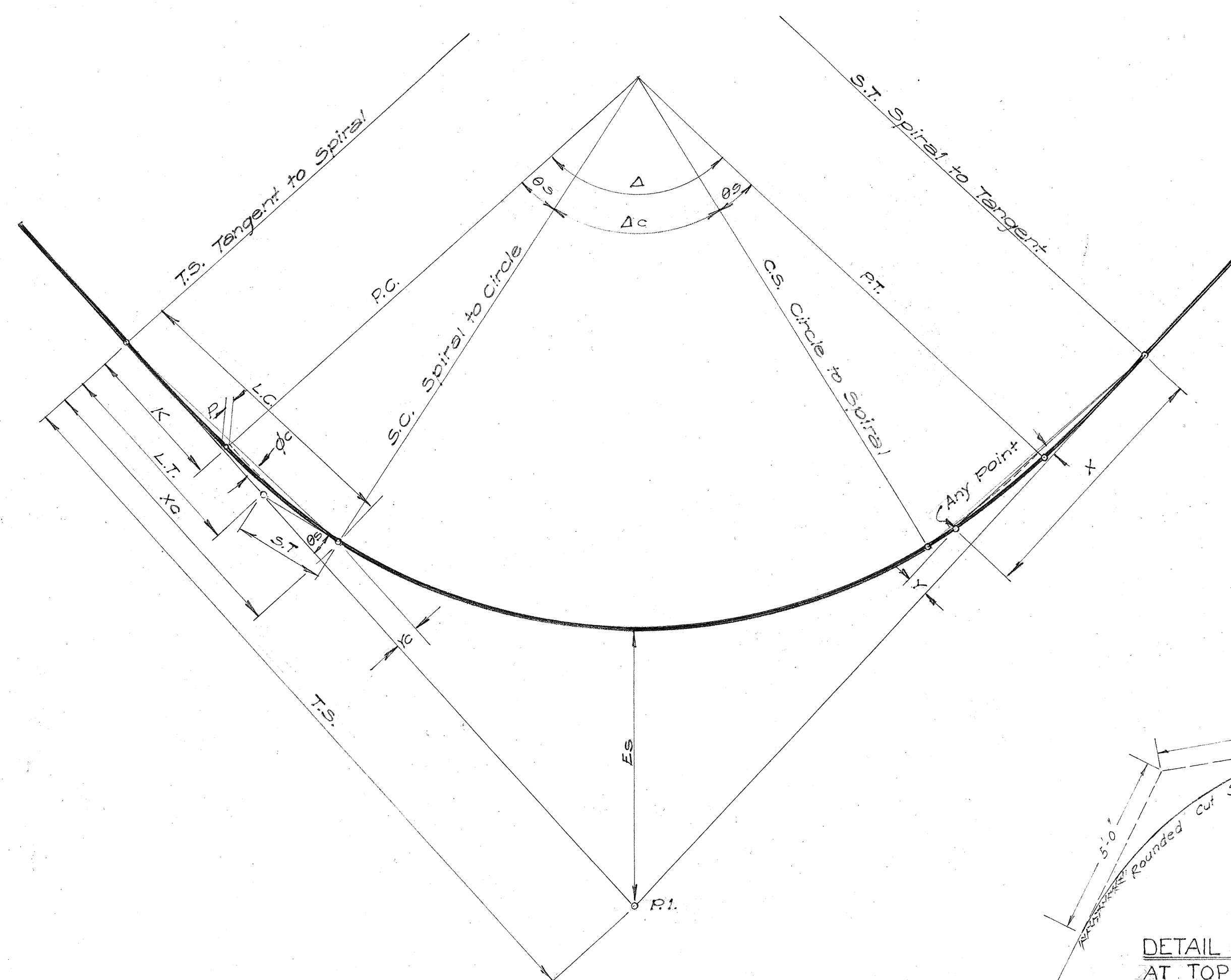
HANA BELT ROAD
FED. AID PROJECT NO. 32(3)

SCALE: AS NOTED

OCT 1949

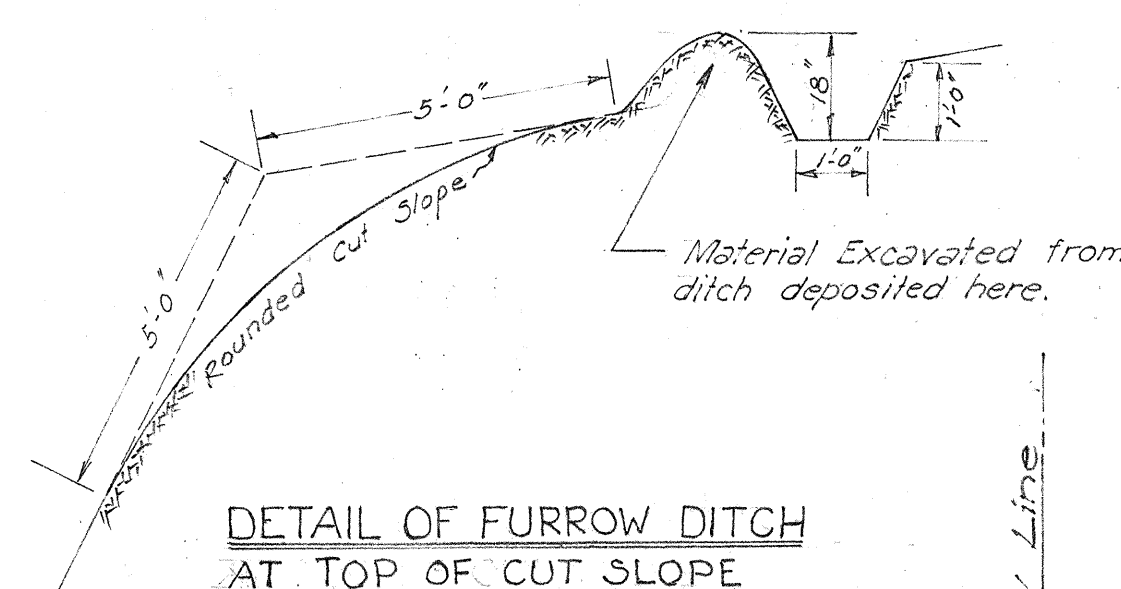
SHEET No. OF SHEETS

5 5 2 2 2

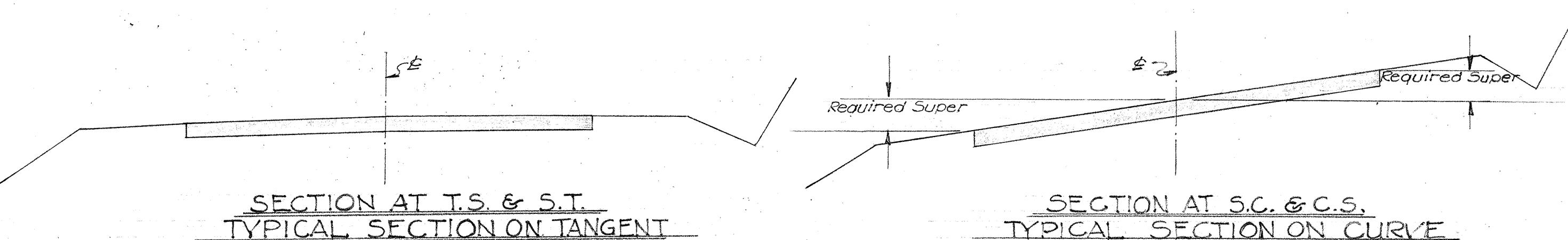


TYPICAL TEN-CHORD SPIRAL

NOTE: Values for lettered dimensions to be taken from tables for length of spiral selected



DETAIL OF FURROW DITCH
AT TOP OF CUT SLOPE



SECTION AT T.S. & S.T.
TYPICAL SECTION ON TANGENT

SECTION AT S.C. & C.S.
TYPICAL SECTION ON CURVE

ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
	DESIGNED BY _____	" " _____
	DRAWN BY _____	" " _____
	TRACED BY _____	" " _____
NOTE BOOK	QUANTITIES BY _____	" " _____
No. _____	QUANTITIES CHECKED BY _____	" " _____
	CHECKED BY _____	" " _____