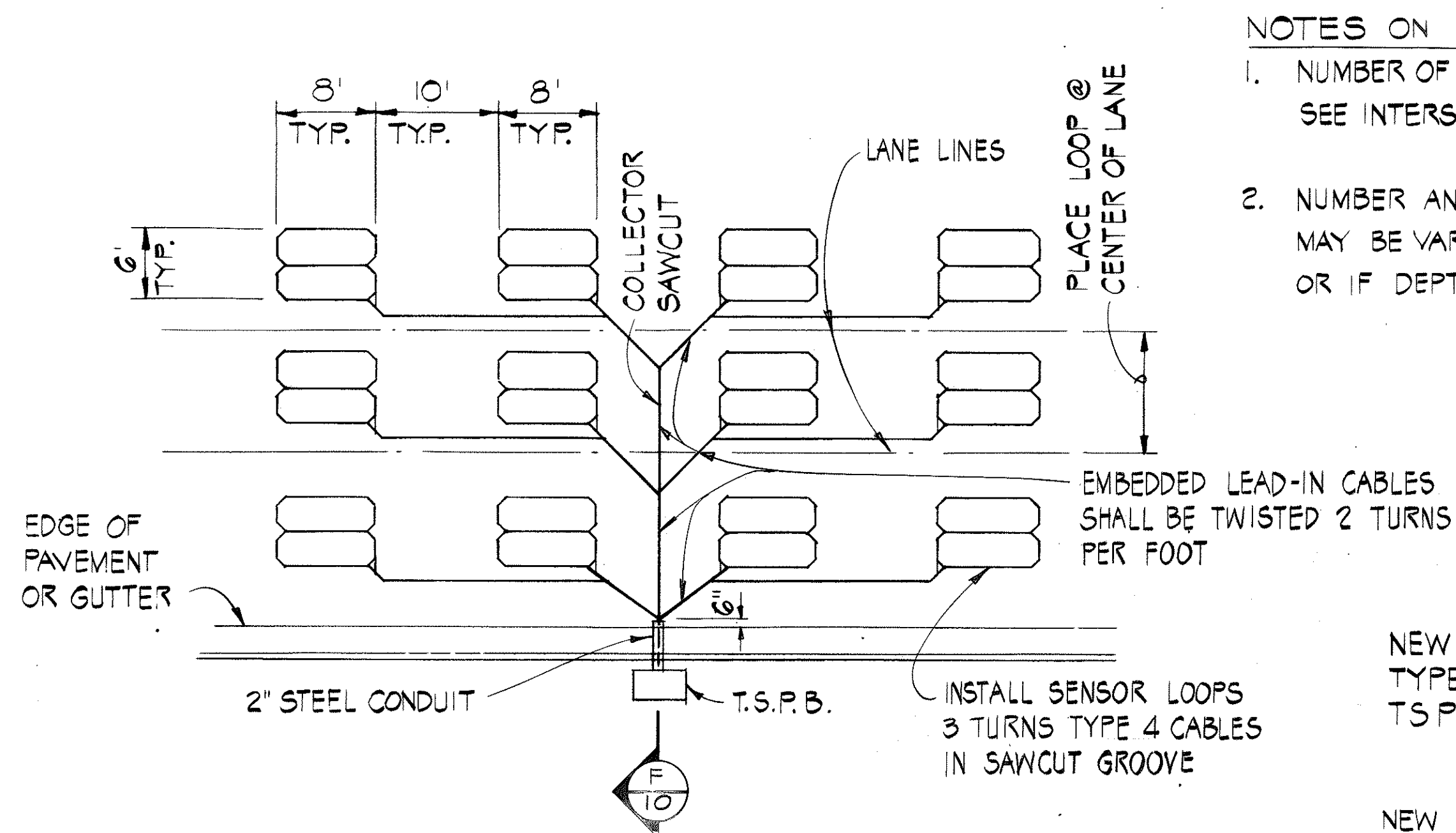
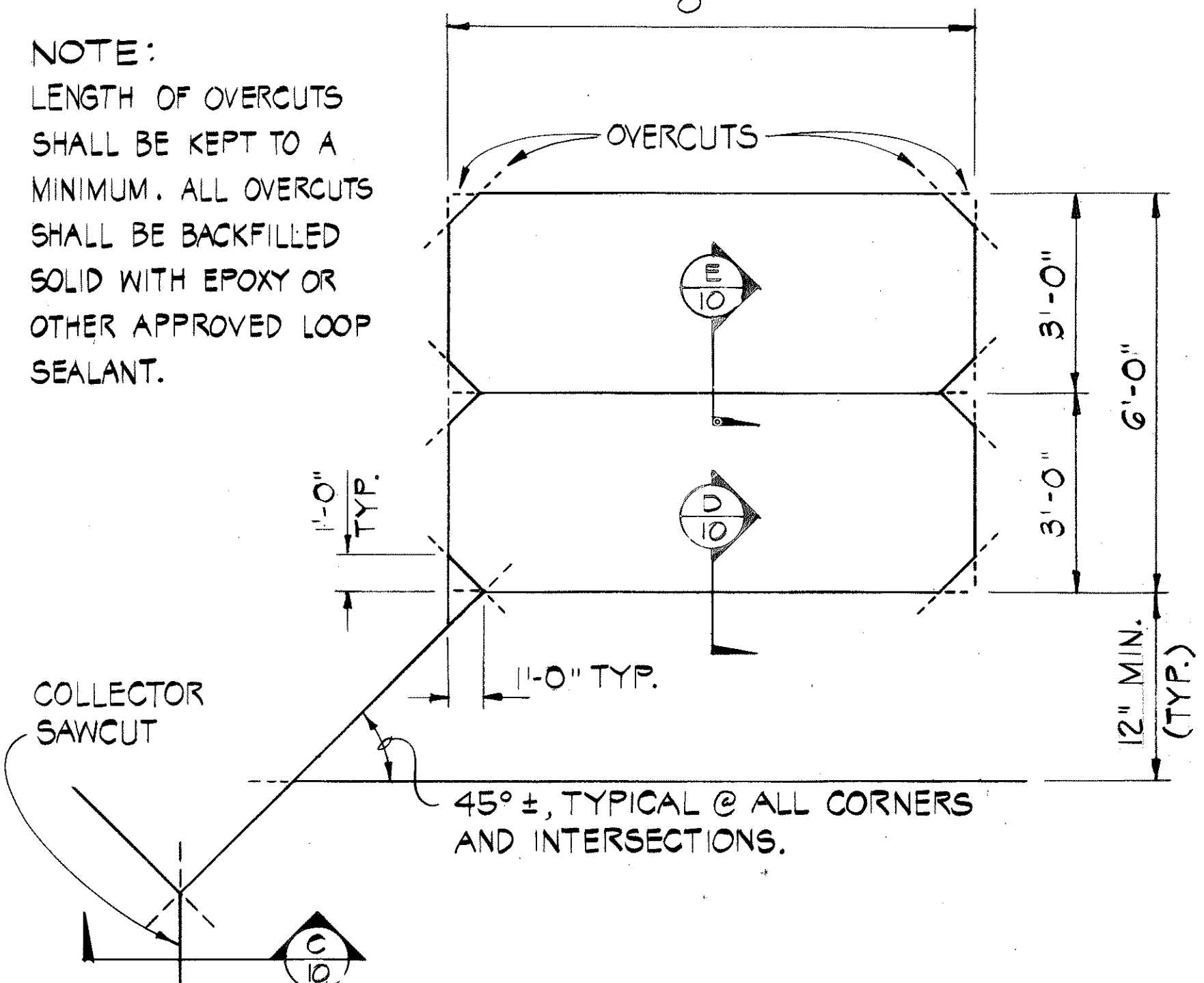


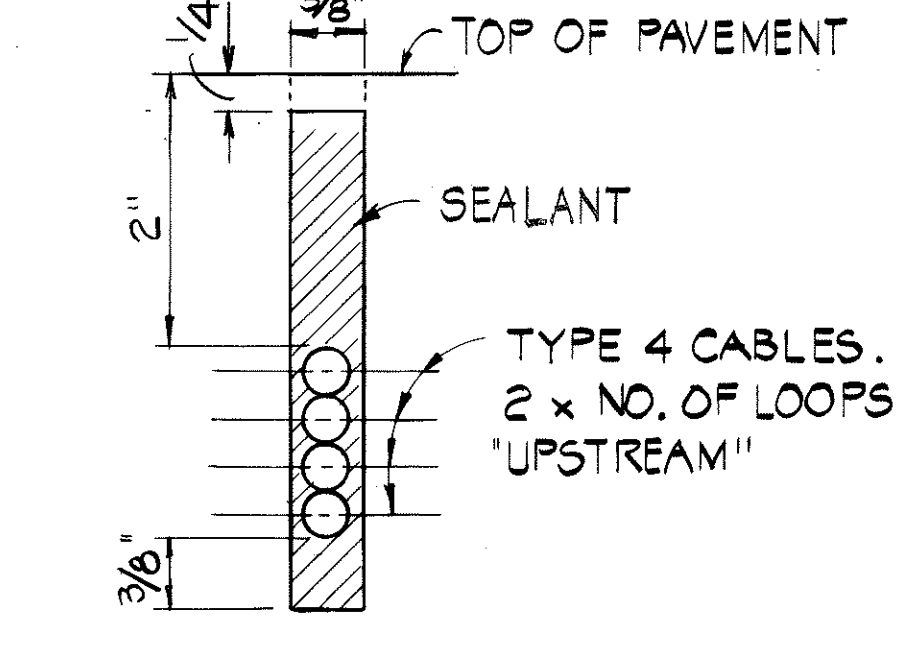
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HES-092-1 (18)	1983	10	22



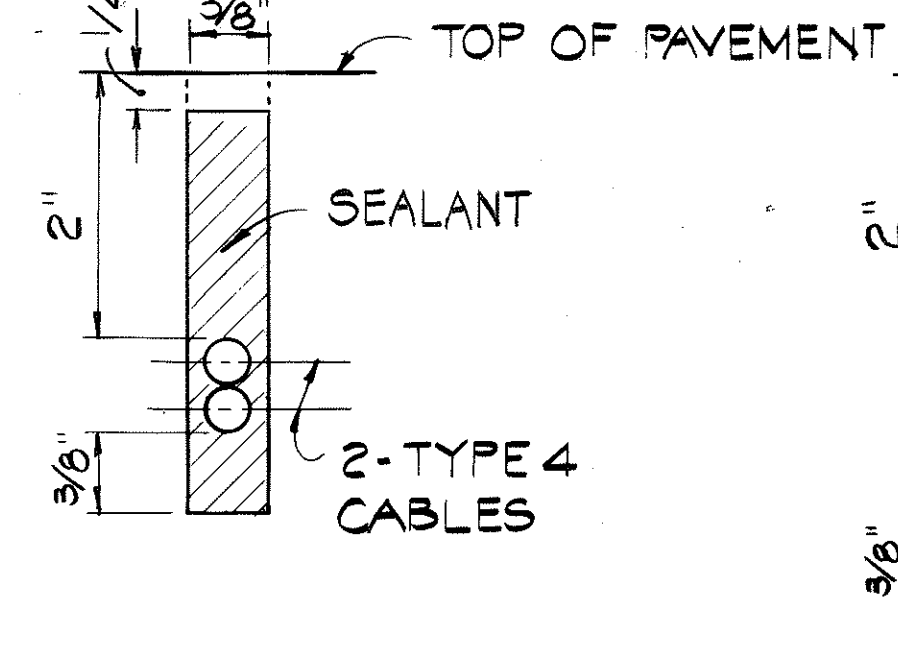
TYPICAL SENSOR LOOP LAYOUT (A) 10
NO SCALE



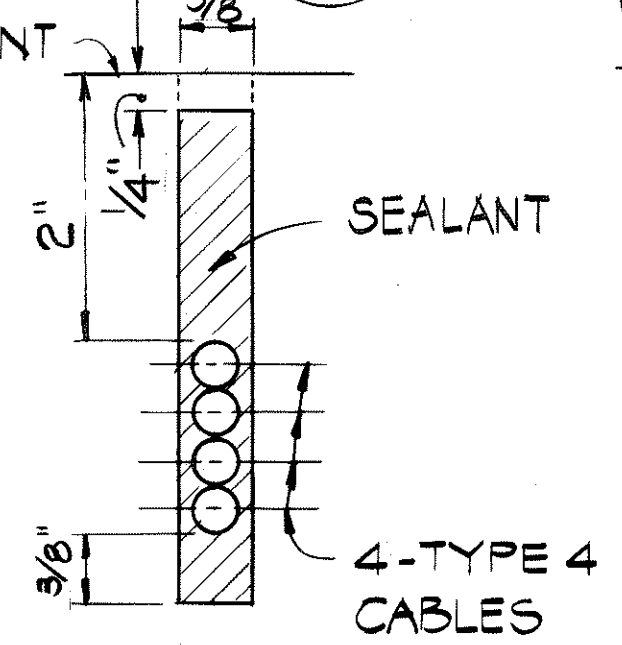
TYPICAL SAWCUT LAYOUT FOR EACH LOOP (B) 10
NO SCALE



SECTION C (C) 10
NO SCALE

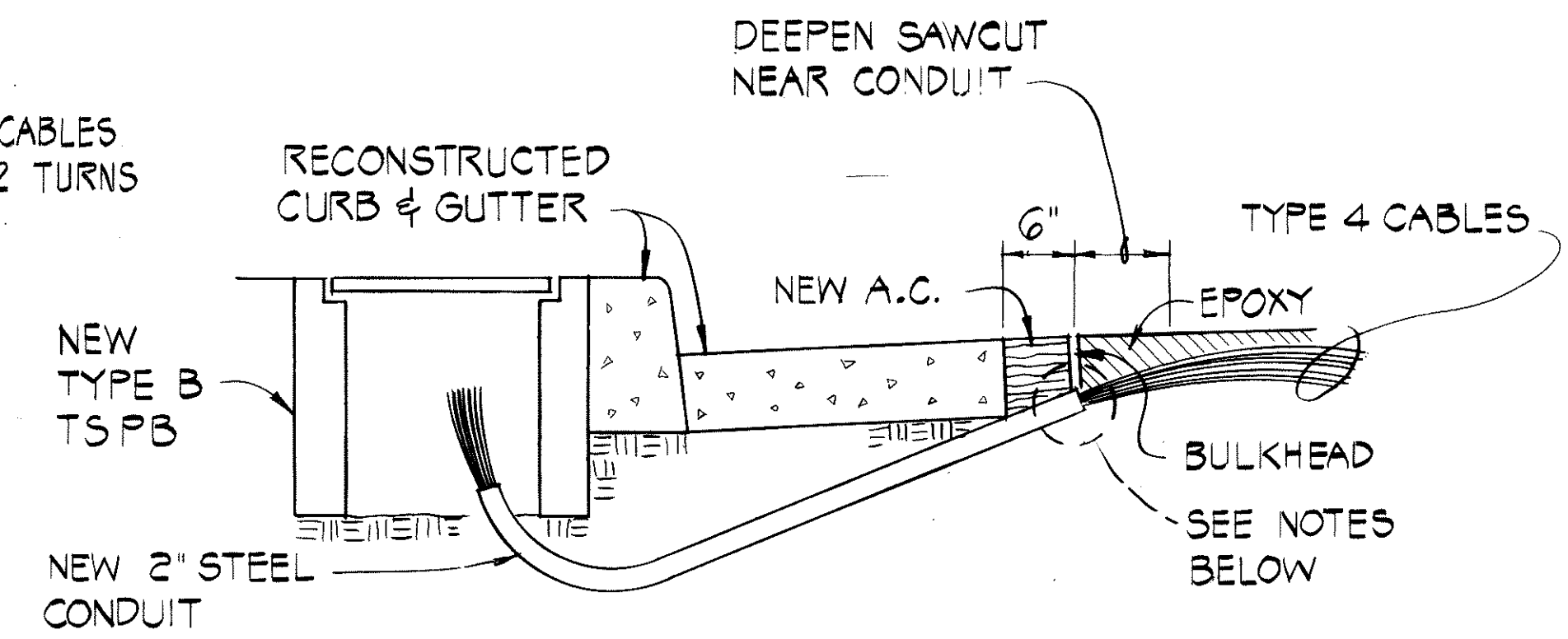


SECTION D (D) 10
NO SCALE



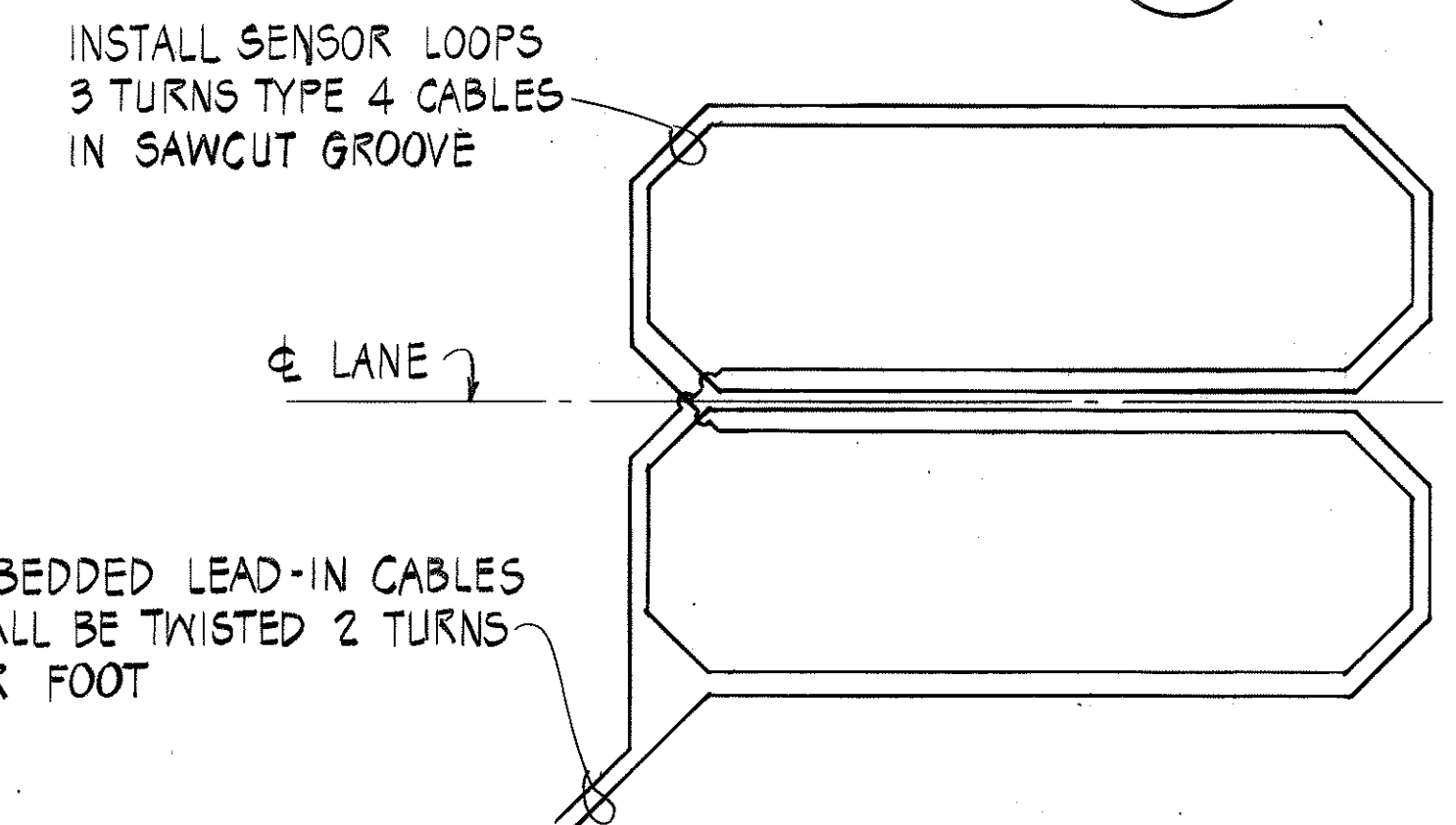
SECTION E (E) 10
NO SCALE

- NOTES ON SENSOR LOOP LAYOUT**
1. NUMBER OF LOOPS PER LANE VARY. SEE INTERSECTION PLAN.
 2. NUMBER AND LOCATION OF COLLECTOR SAWCUTS MAY BE VARIED TO SUIT FIELD CONDITIONS OR IF DEPTH BECOMES EXCESSIVE.

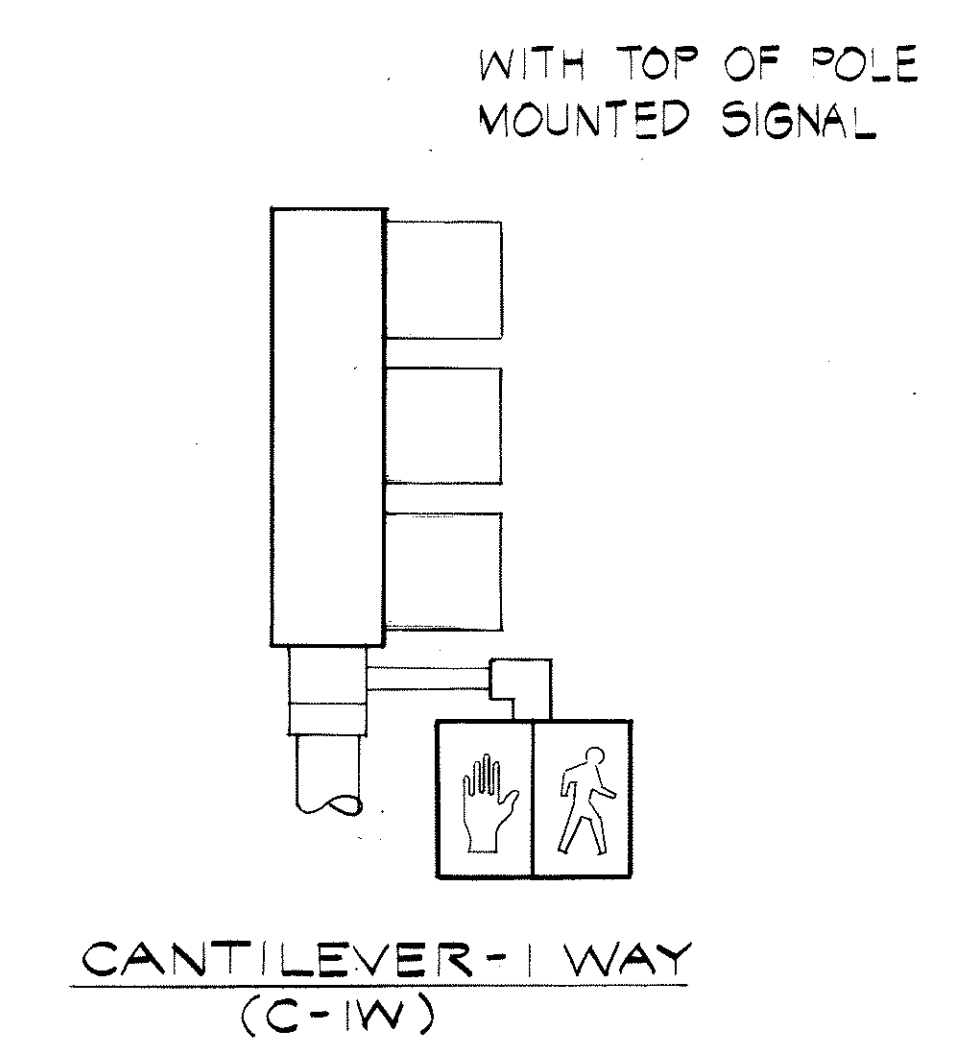


- NOTES:**
1. SEAL ROADWAY END OF CONDUIT AFTER INSTALLATION OF CONDUCTORS.
 2. INSTALL BULKHEADS ACROSS CONDUIT TRENCH.
 3. PLACE EPOXY IN SAWCUT.
 4. BACKFILL OVER CONDUIT WITH NEW A.C.
 5. RECONSTRUCT CURB AND GUTTER AS REQUIRED.

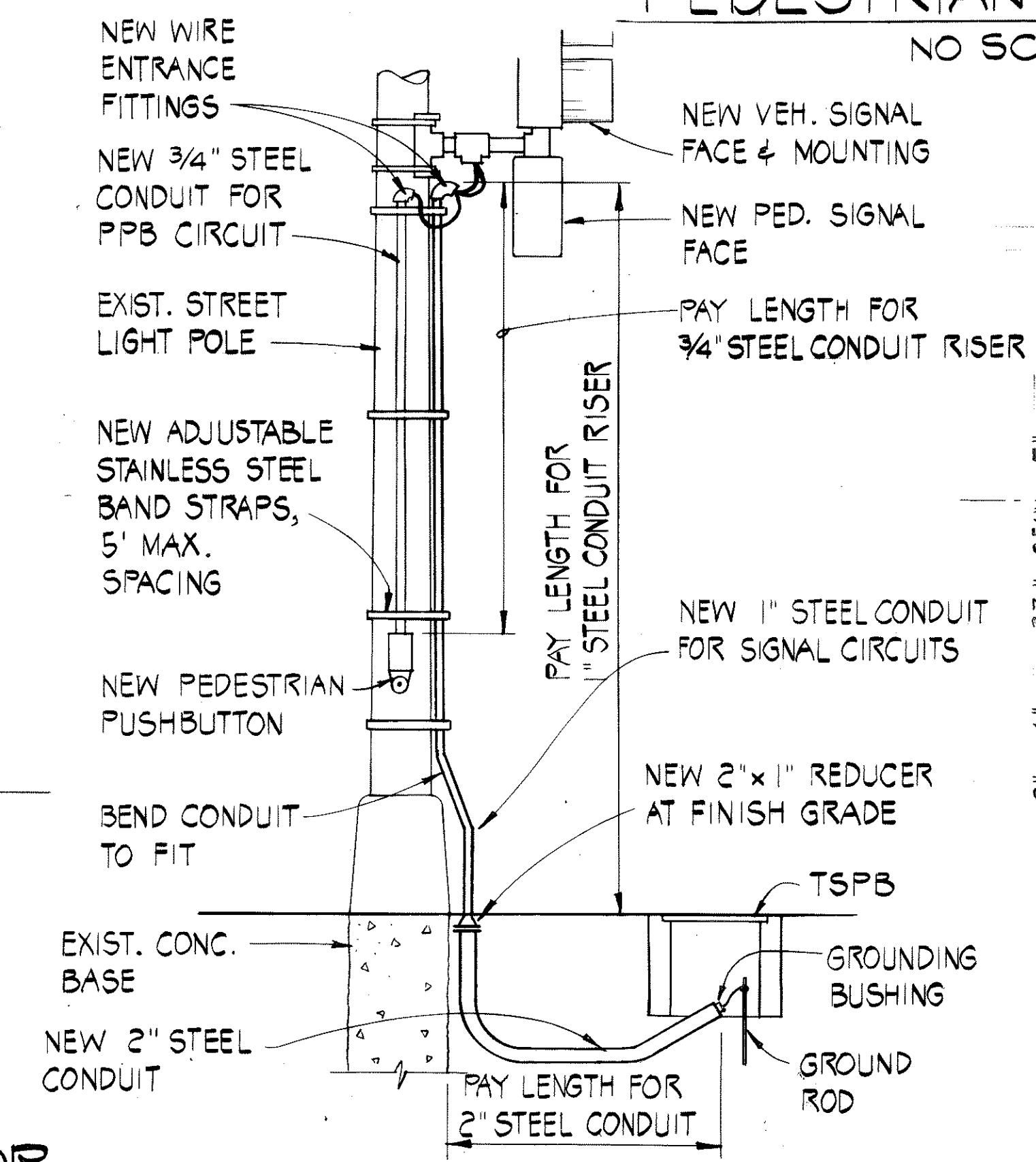
SECTION F (F) 10
NO SCALE



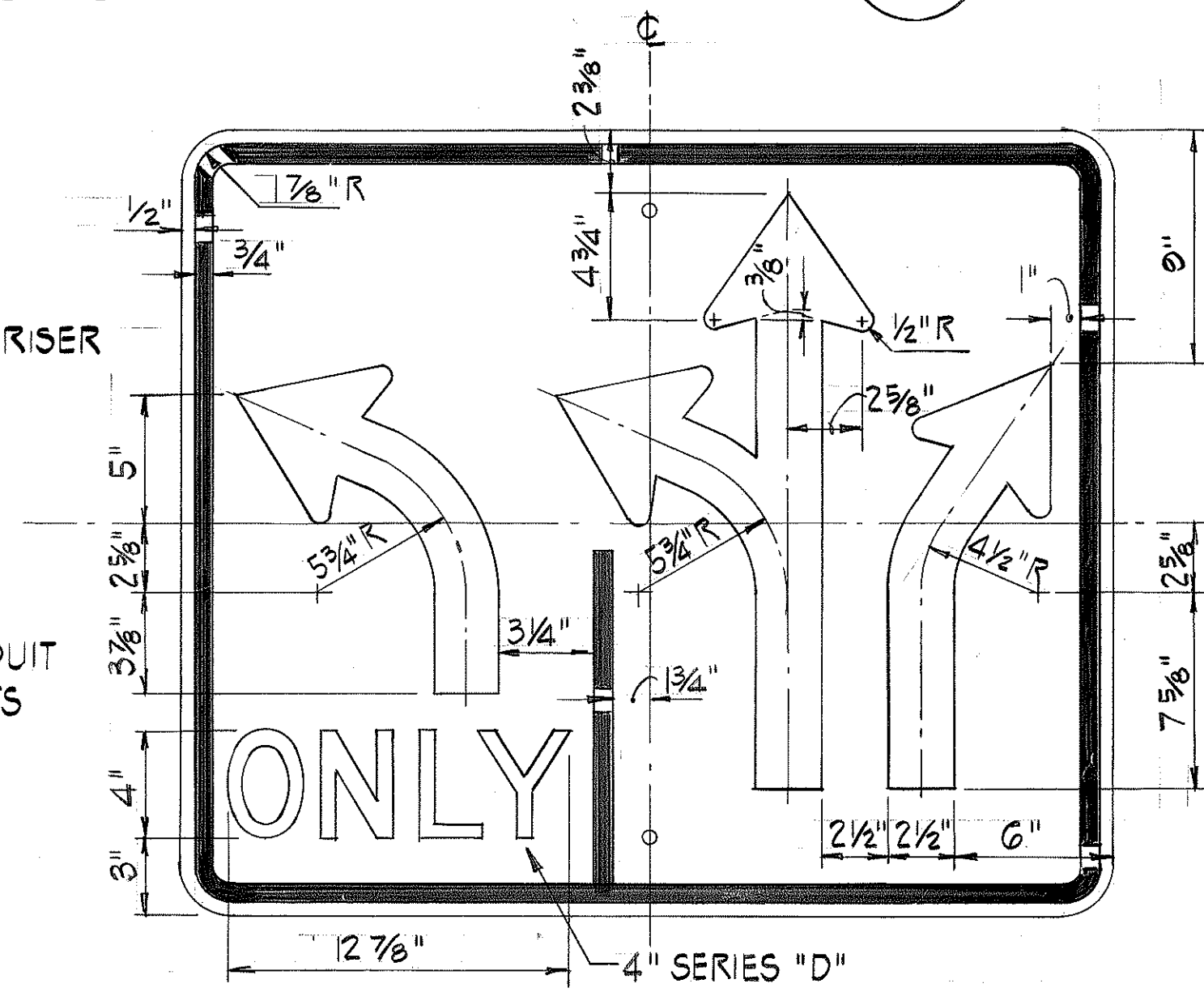
TYPICAL SENSOR LOOP WIRING DIAGRAM (G) 10
NO SCALE



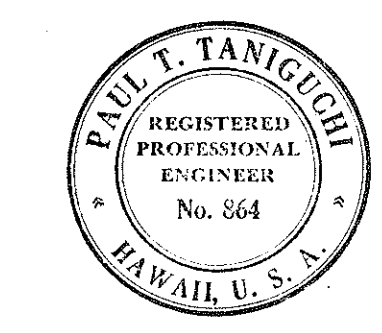
PEDESTRIAN SIGNAL MOUNTINGS (H) 10
NO SCALE



STREET LIGHT POLE RISER DETAIL (I) 10
NO SCALE



SIGN R3-14 (30" x 30")
DETAIL J (J) 10
NO SCALE



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Paul T. Taniguchi

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS TRAFFIC DETAILS

MODERNIZATION OF TRAFFIC SIGNAL SYSTEM
ALA MOANA BOULEVARD AT WARD AVENUE
PROJECT NO. HES-092-1(18)

SCALE: AS SHOWN DATE: _____

SHEET No. 1 OF 1 SHEETS

DATE: _____
SURVEY PLANNED BY: _____
DRAWN BY: _____
CHECKED BY: _____
NOTE BOOK: _____
QUANTITIES BY: _____