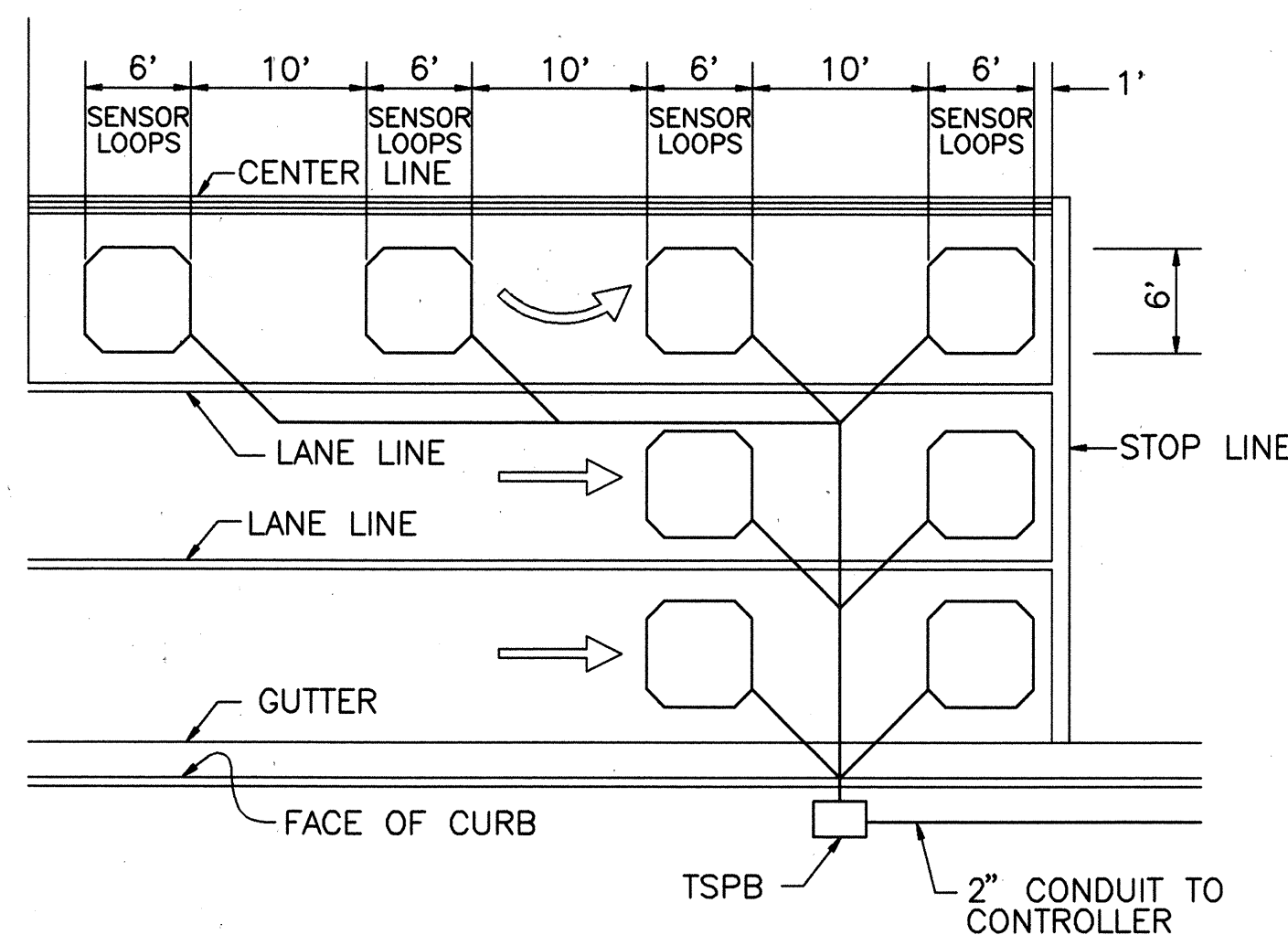
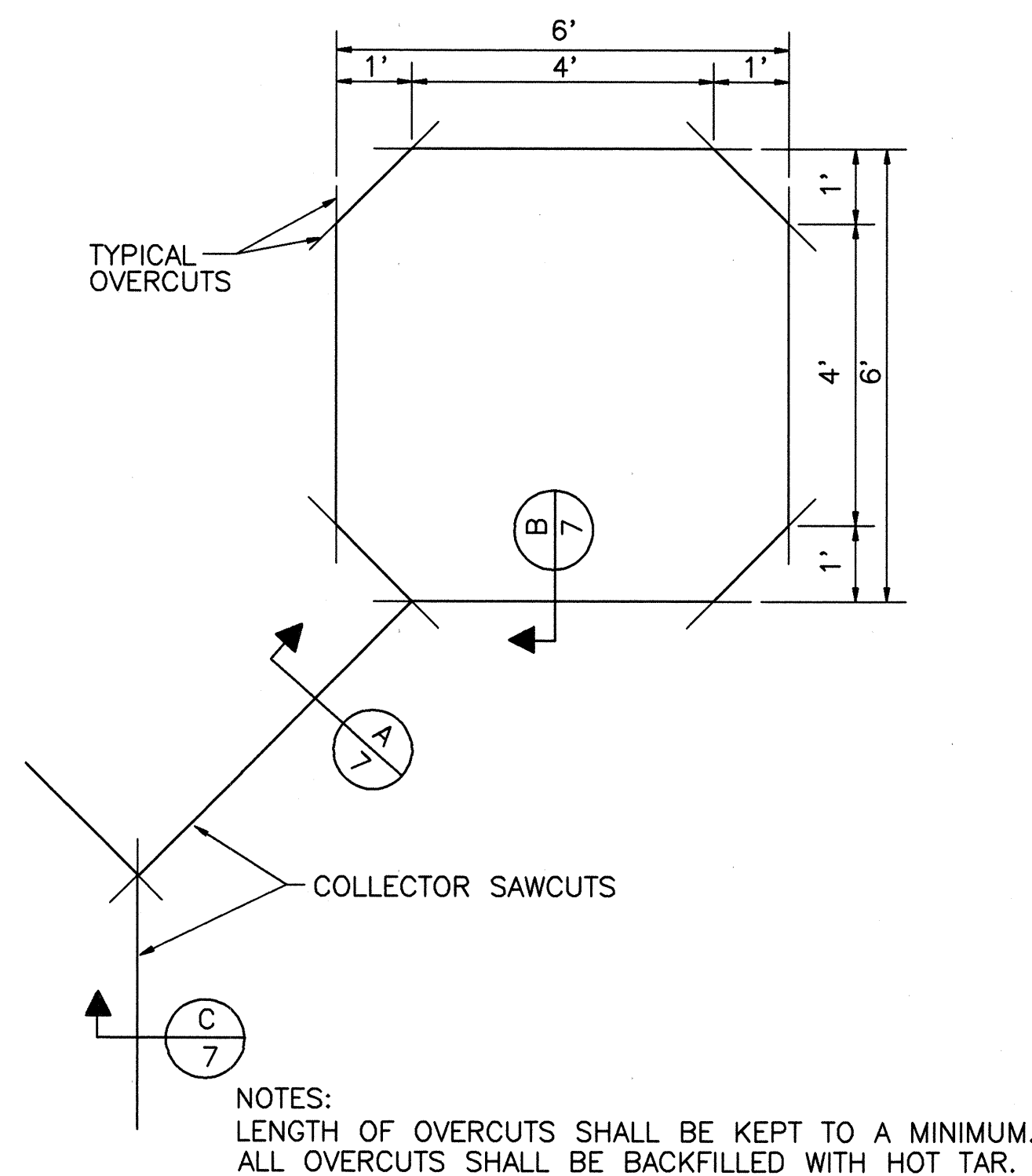


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37B-01-94	1995	5	5

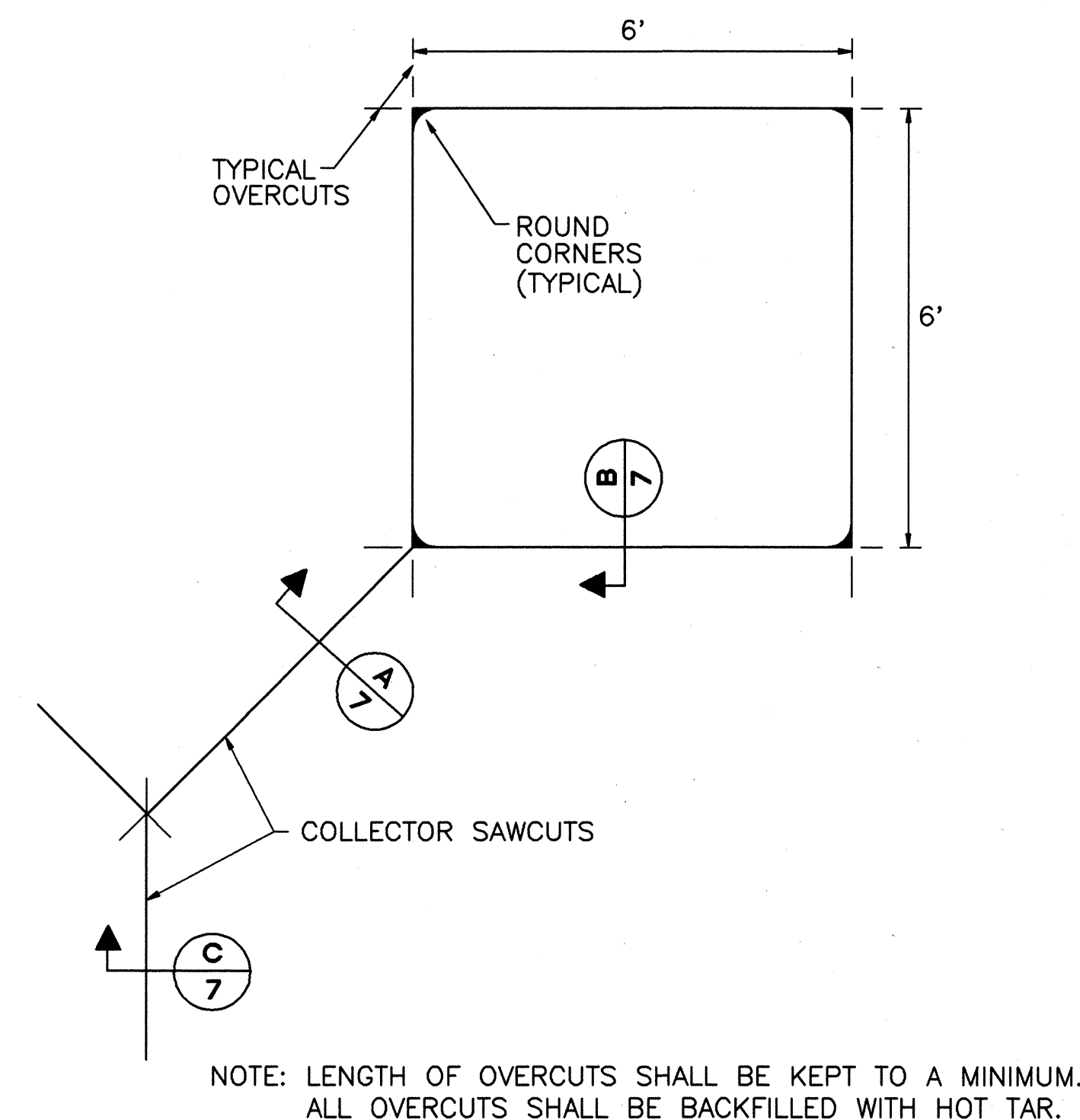


- NOTES:
1. CENTER SENSOR LOOPS IN LANES.
 2. COLLECTOR CABLES SHALL BE TWISTED 2 TURNS PER FOOT.
 3. NUMBER OF LOOPS AND LOCATIONS VARY. SEE PROJECT PLANS.
 4. NUMBER AND LOCATIONS OF COLLECTOR SAWCUTS MAY BE VARIED IN THE FIELD TO SUIT.

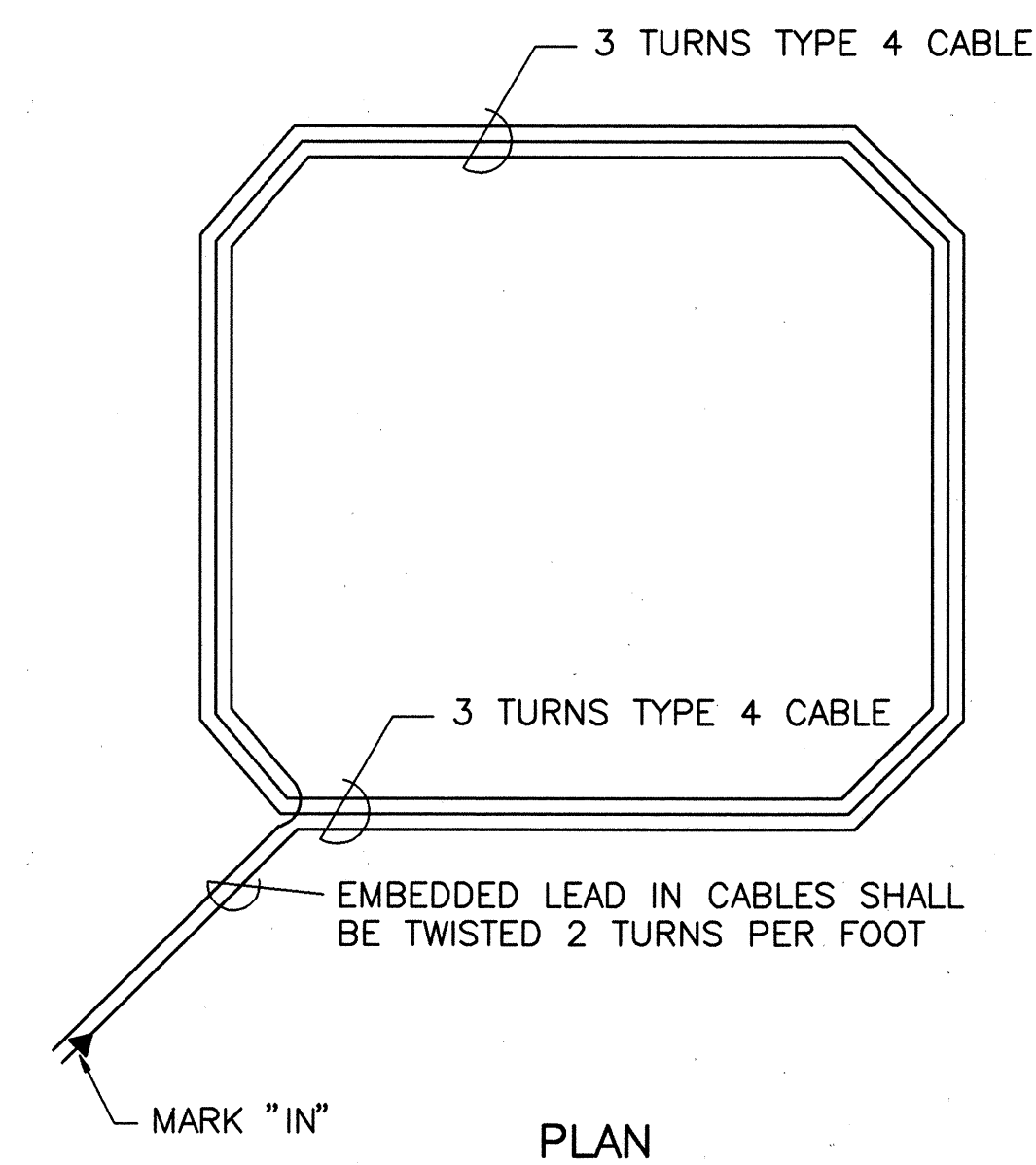
TYPICAL SENSOR LOOP LAYOUT



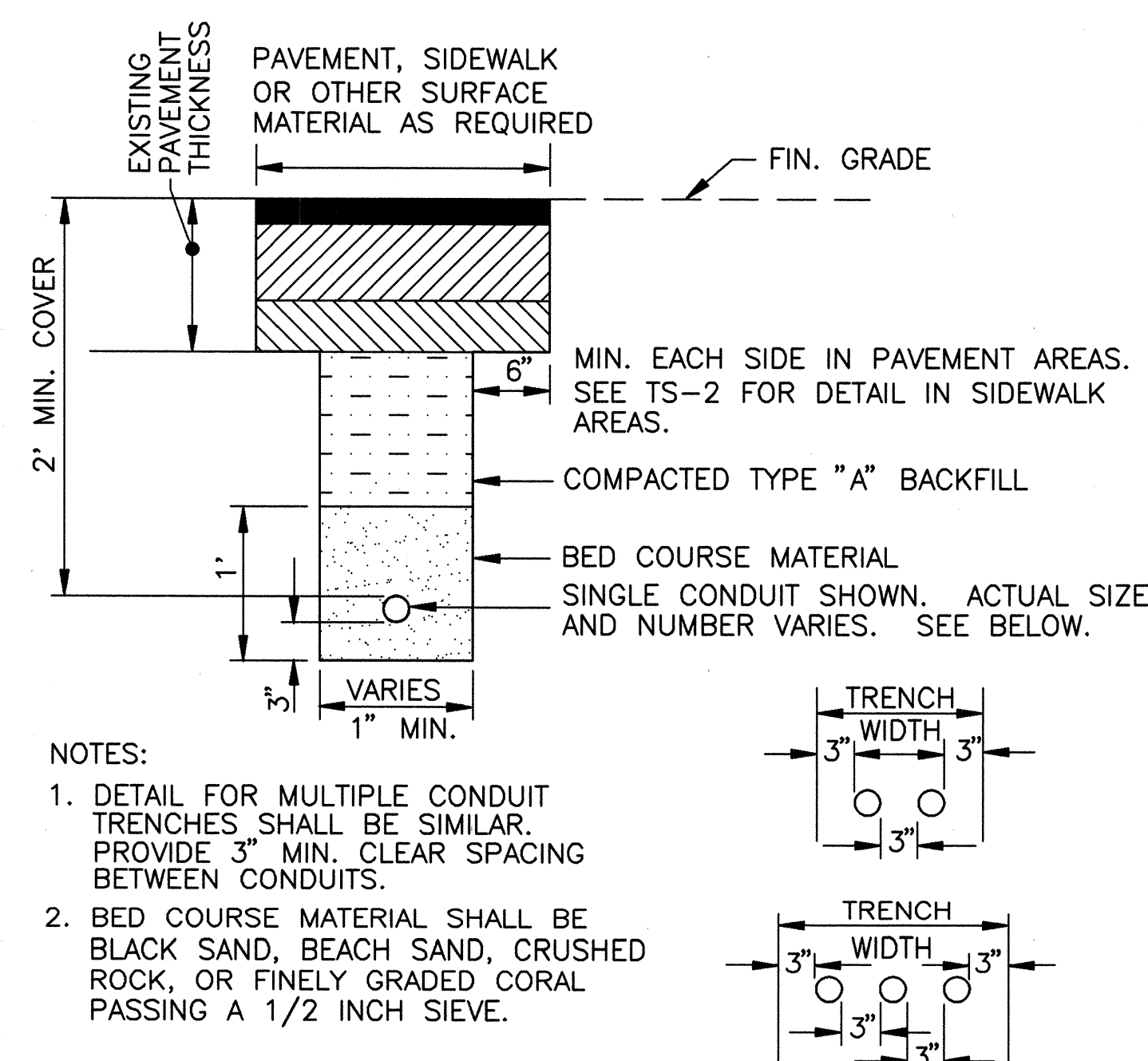
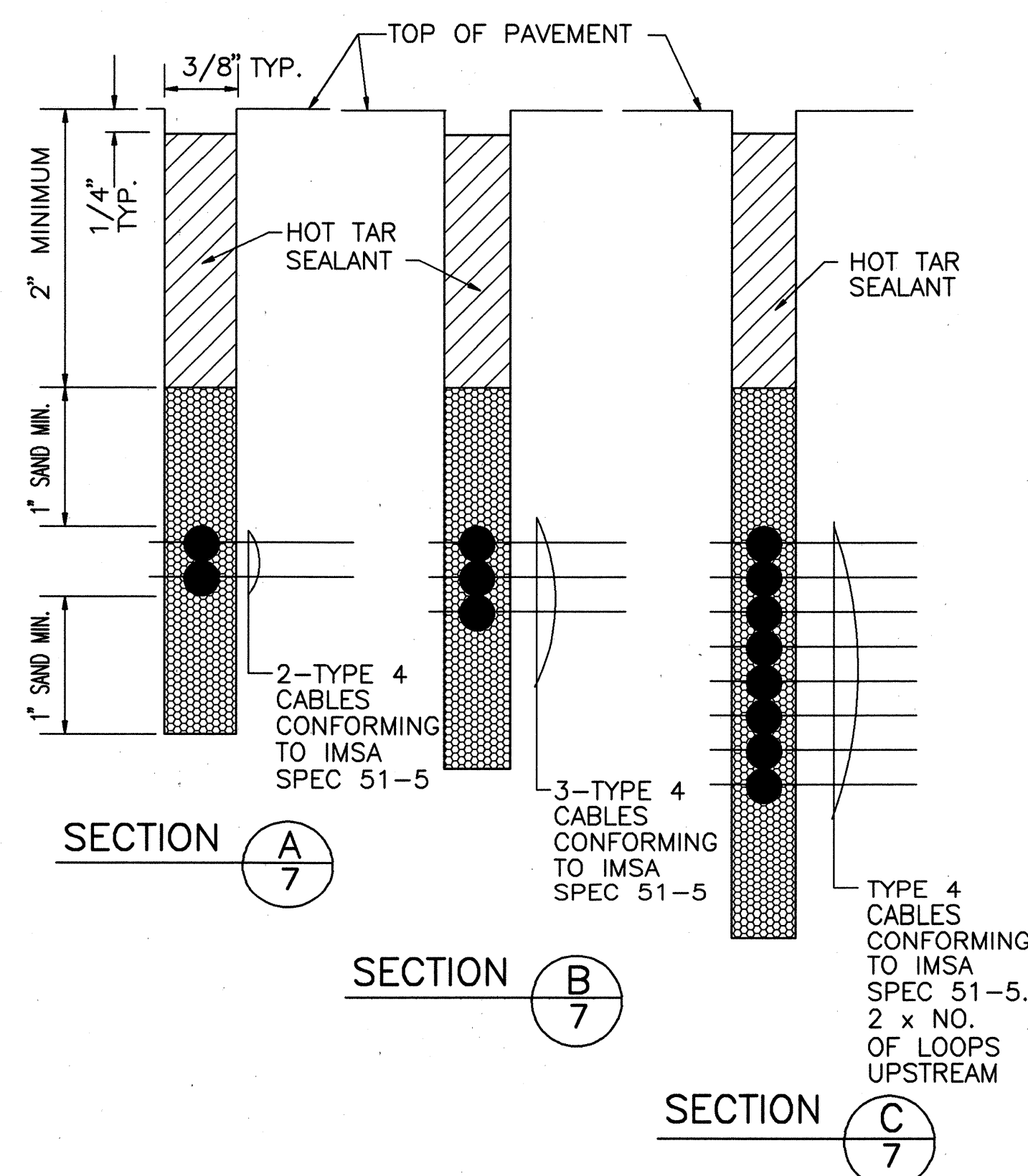
TYPICAL SENSOR LOOP SAWCUT DETAIL



ALTERNATE SENSOR LOOP SAWCUT DETAIL

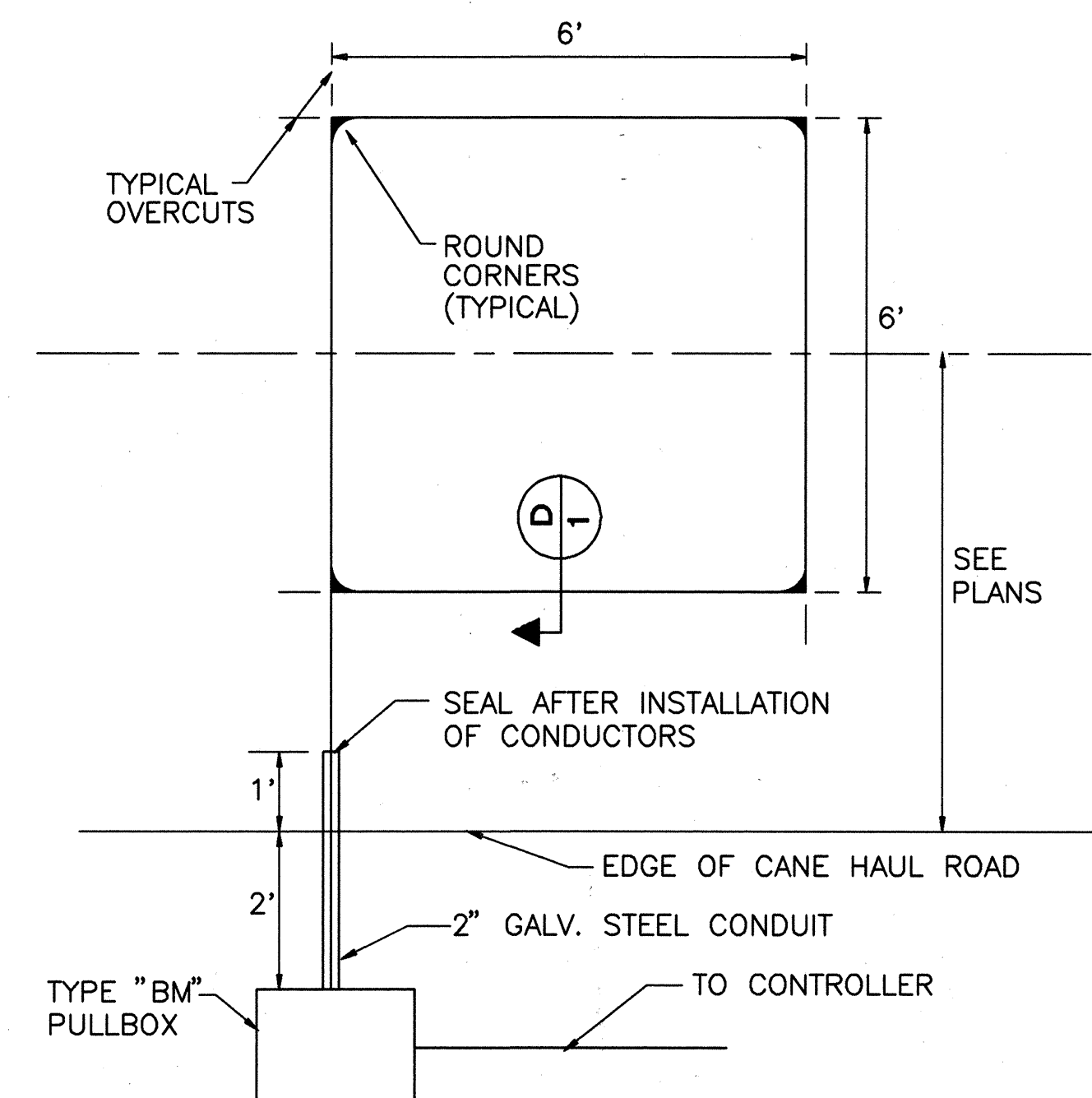


TYPICAL SENSOR LOOP WIRING DIAGRAM



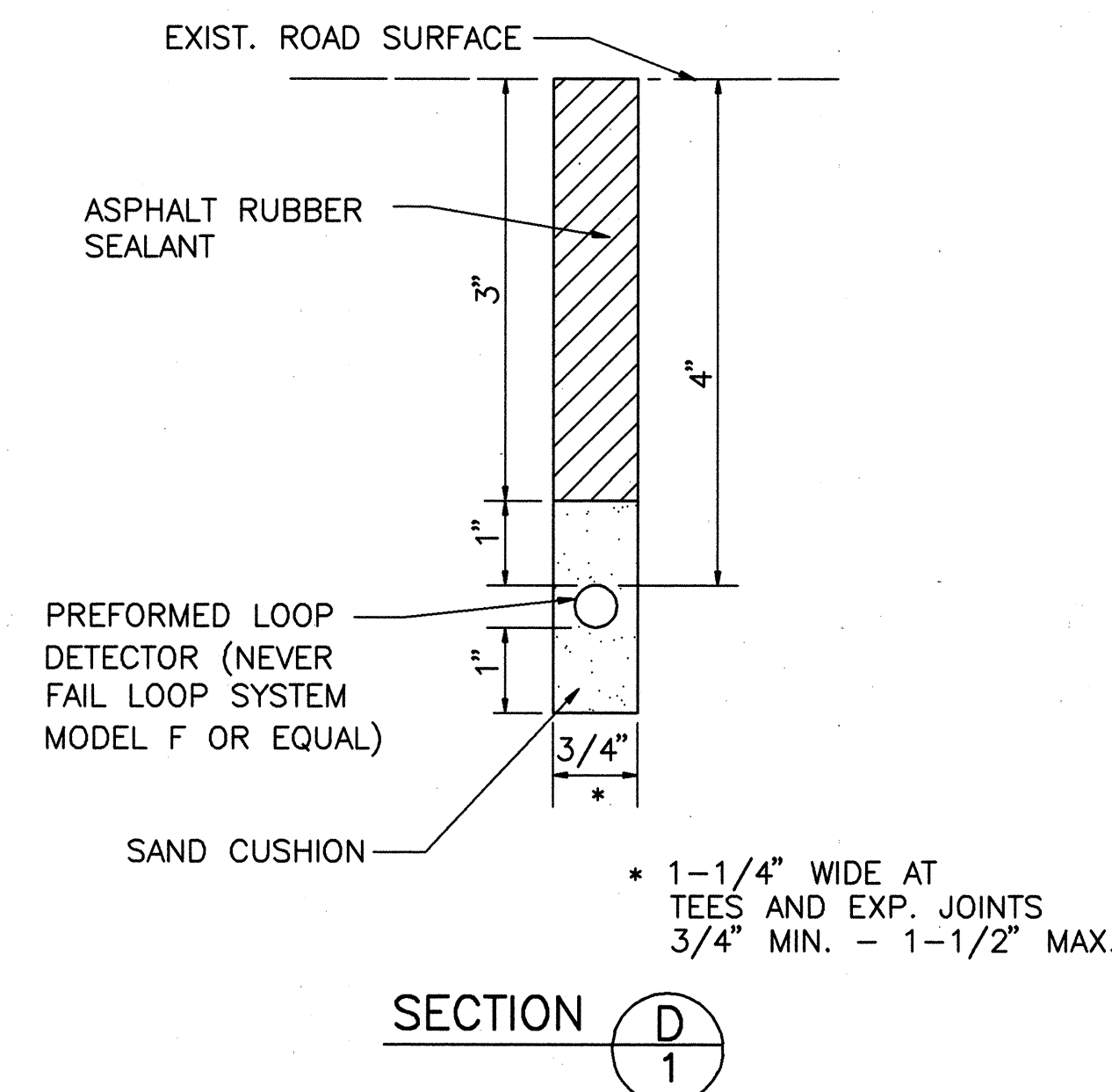
- NOTES:
1. DETAIL FOR MULTIPLE CONDUIT TRENCHES SHALL BE SIMILAR. PROVIDE 3" MIN. CLEAR SPACING BETWEEN CONDUITS.
 2. BED COURSE MATERIAL SHALL BE BLACK SAND, BEACH SAND, CRUSHED ROCK, OR FINELY GRADED CORAL PASSING A 1/2 INCH SIEVE.

TYPICAL TRENCH DETAIL
NO SCALE

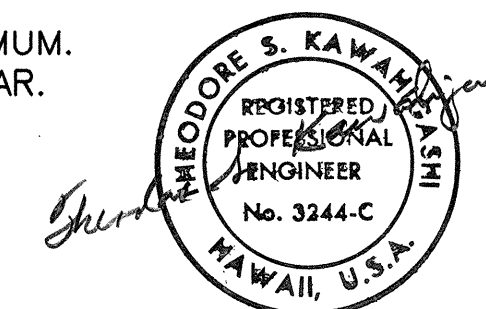


NOTE: LENGTH OF OVERCUTS SHALL BE KEPT TO A MINIMUM. ALL OVERCUTS SHALL BE BACKFILLED WITH HOT TAR.

CANE HAUL ROAD
SENSOR LOOP SAWCUT DETAIL



SECTION D
1



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC SIGNAL DETAILS
HALEAKALA HIGHWAY
TRAFFIC SIGNALS AT
NORTH FIREBREAK ROAD
PROJECT NO. 37B-01-94

SCALE: AS NOTED DATE: APRIL 1994

SHEET NO. 1 OF 1 SHEETS