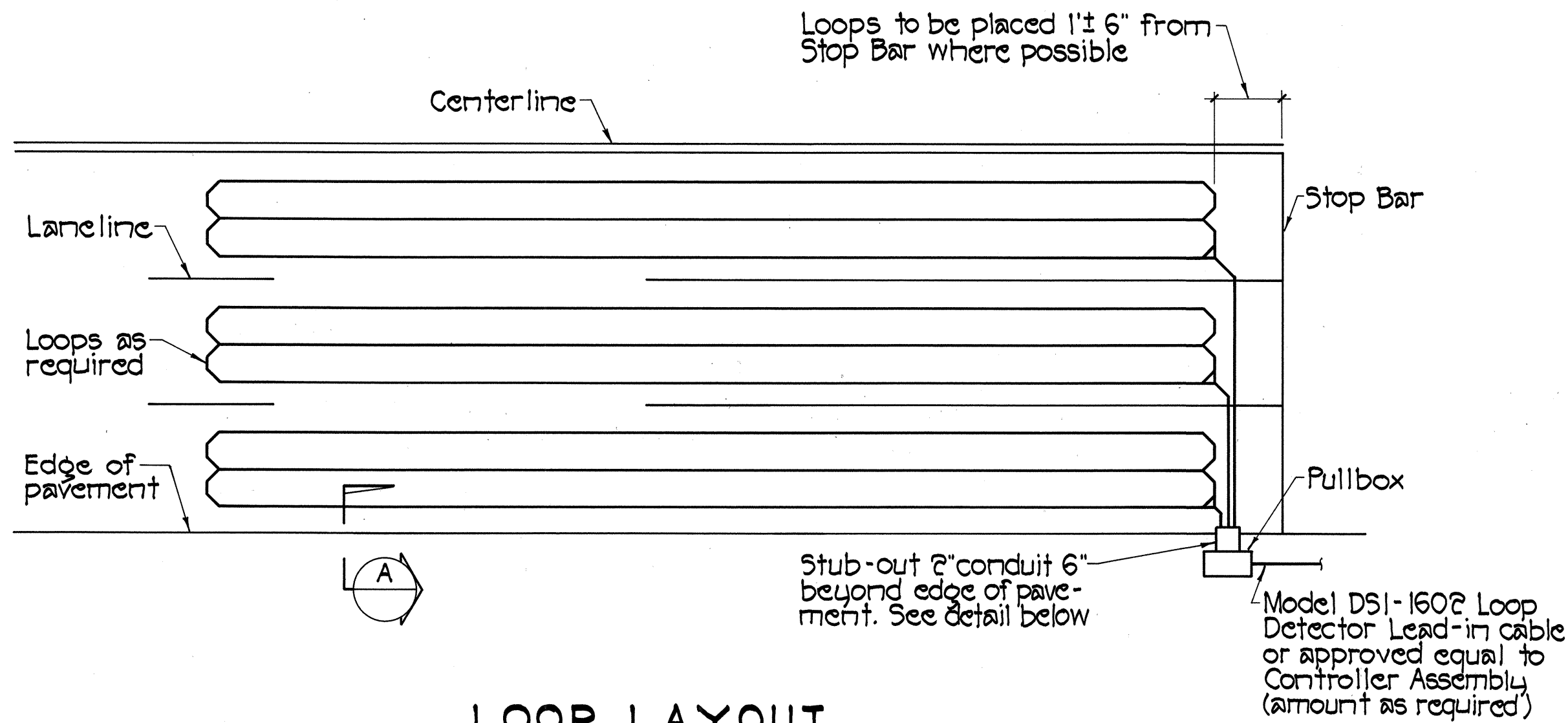
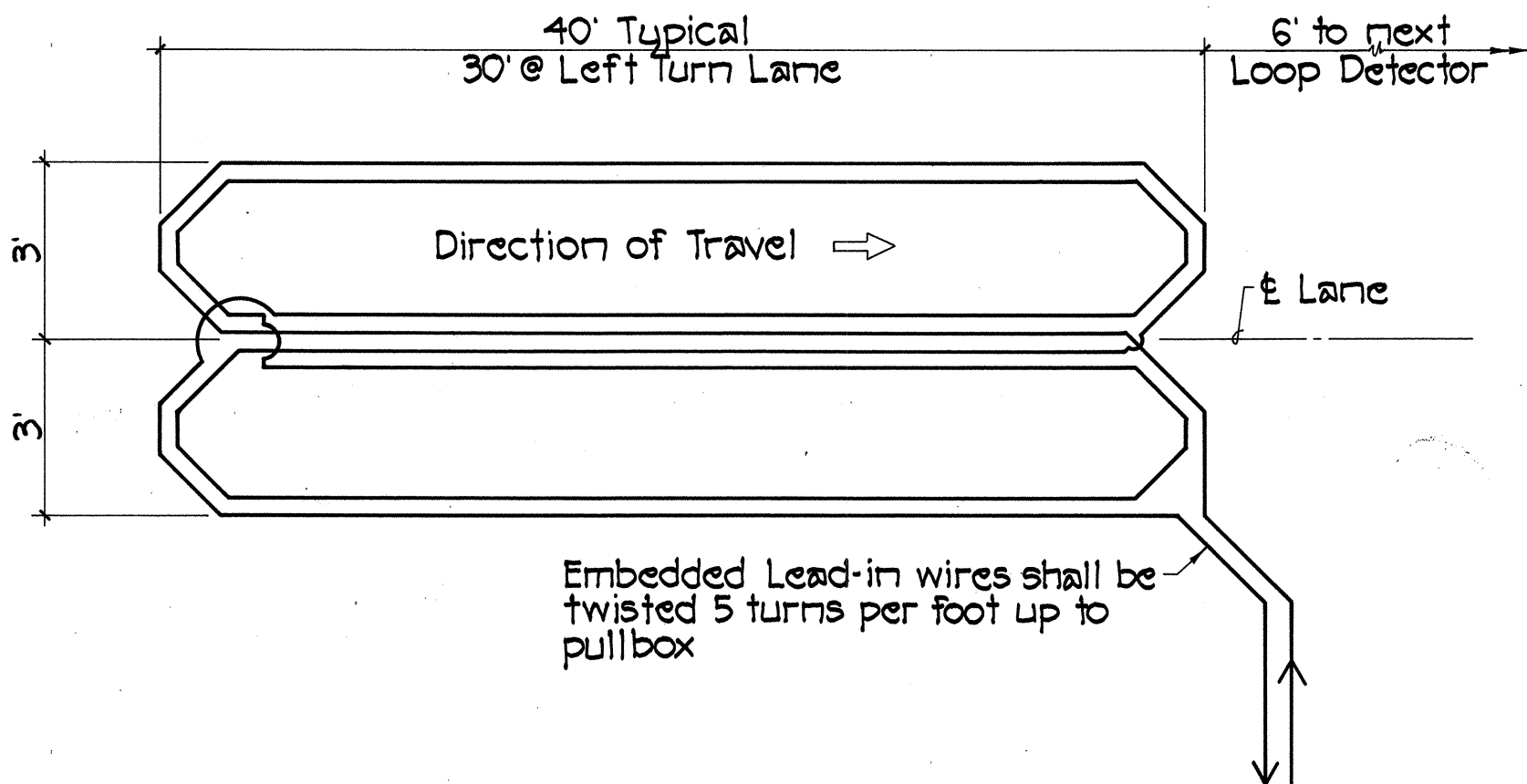


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-019-1(22)	1998	11	17



LOOP LAYOUT



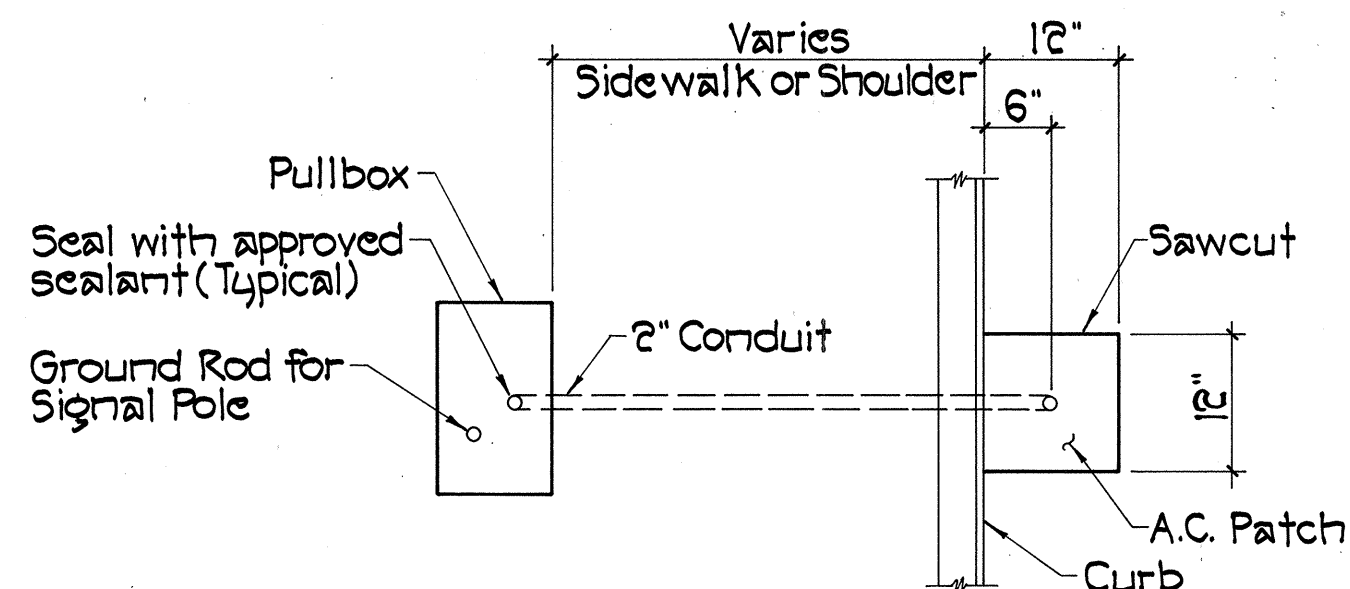
WIRING DIAGRAM

LOOP DETECTOR (TYPICAL)

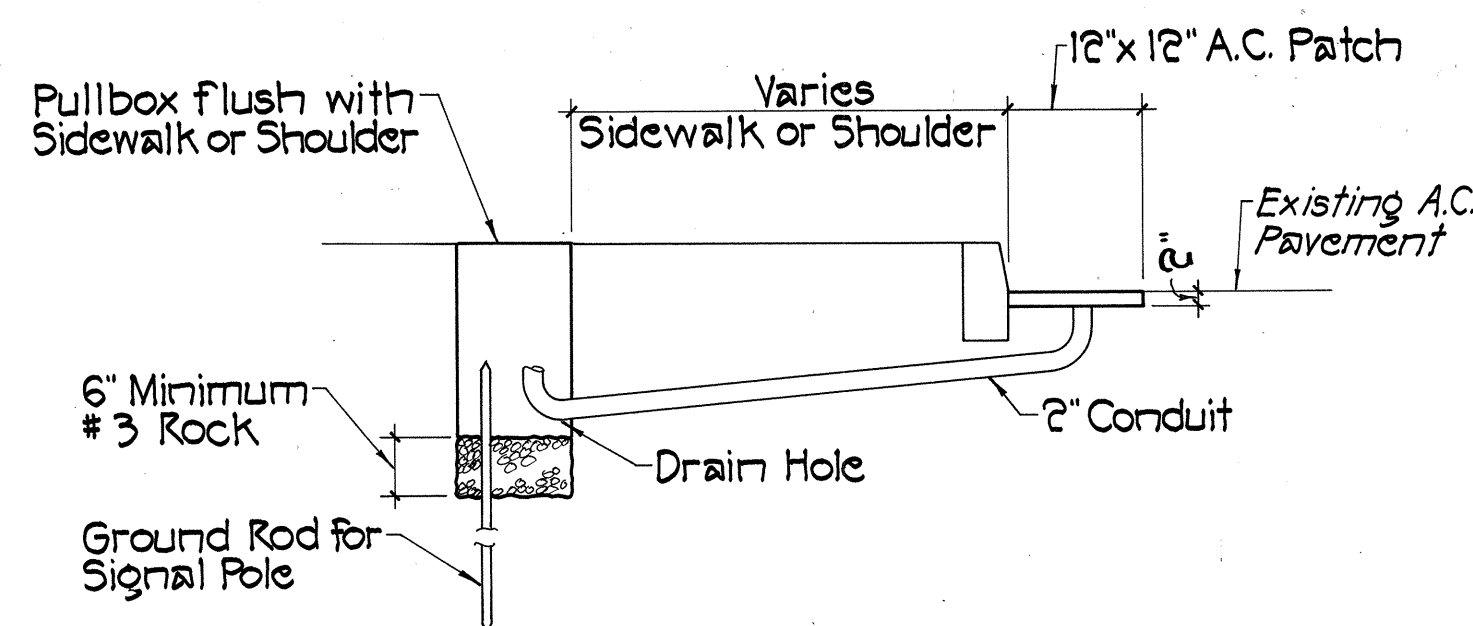
Not to Scale

NOTES:

1. If abandoned in place, all existing loop detectors shall be sawcut completely through every 15' to prevent inductive coupling.
2. All loop detector lead in cables shall be identified in the cabinet with it's appropriate loop detector assignment number per plans.
3. When hot sealants are used, only polyester insulation with a minimum 400° melting point will be permitted.



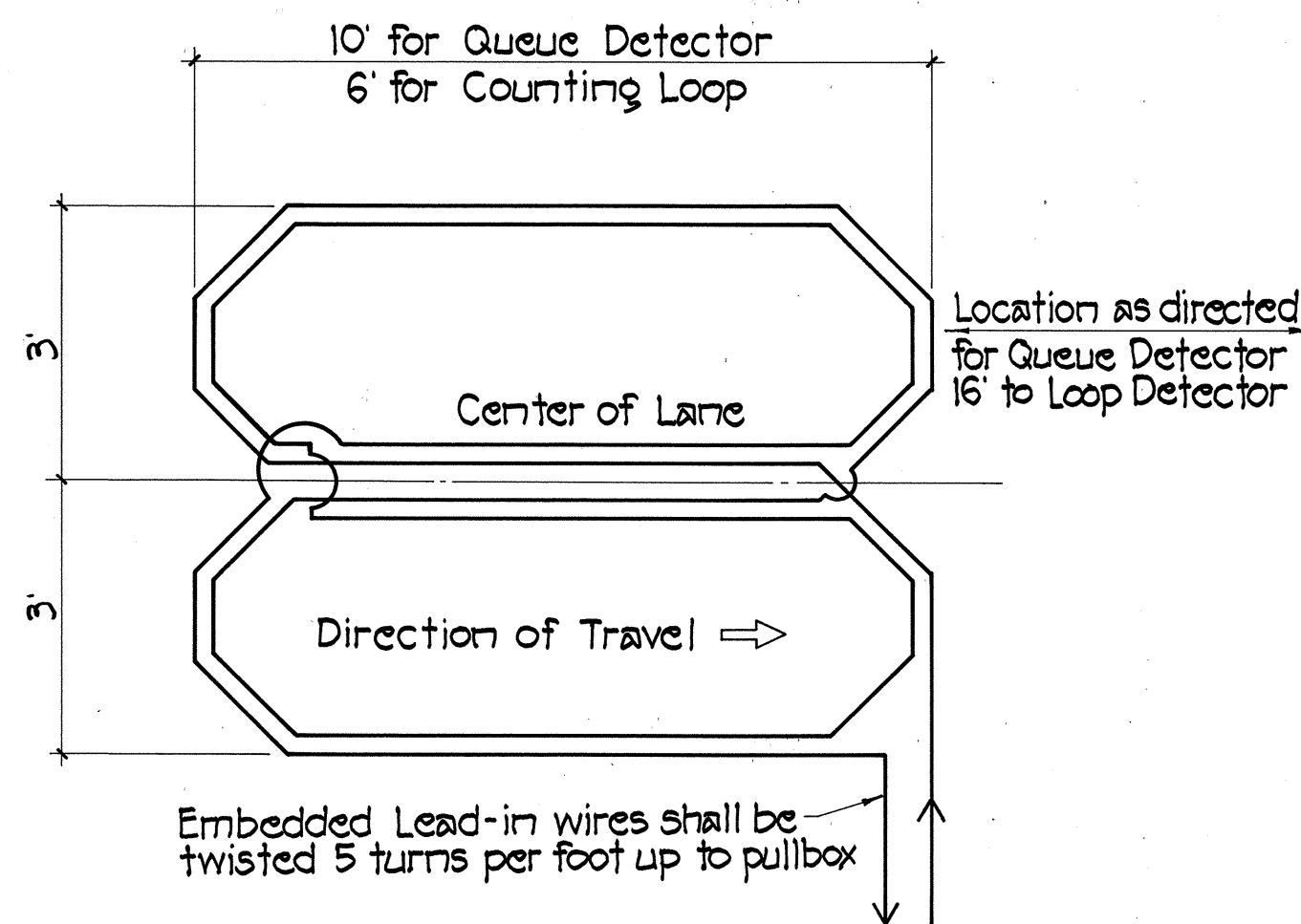
PLAN



SECTION

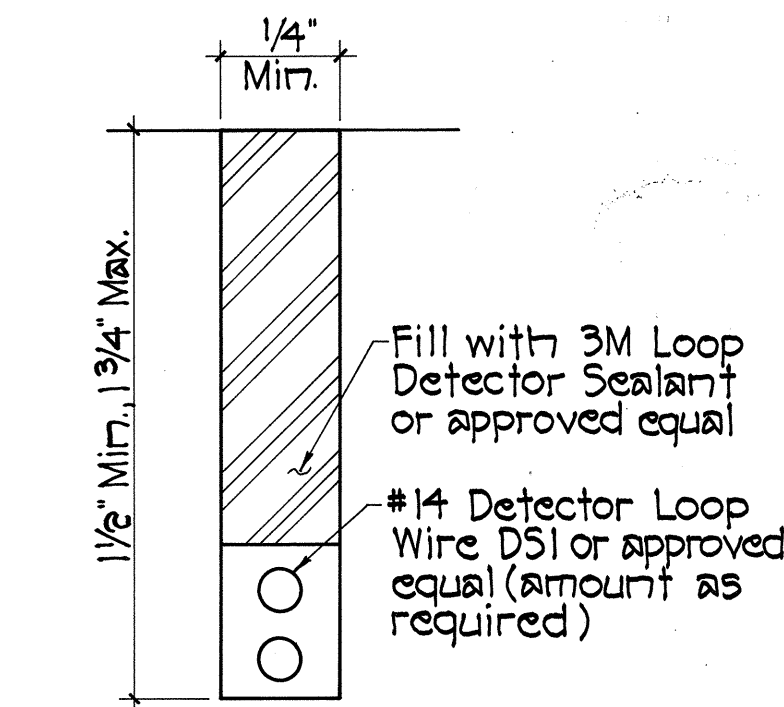
LOOP DETECTOR STUB OUT

Not to Scale

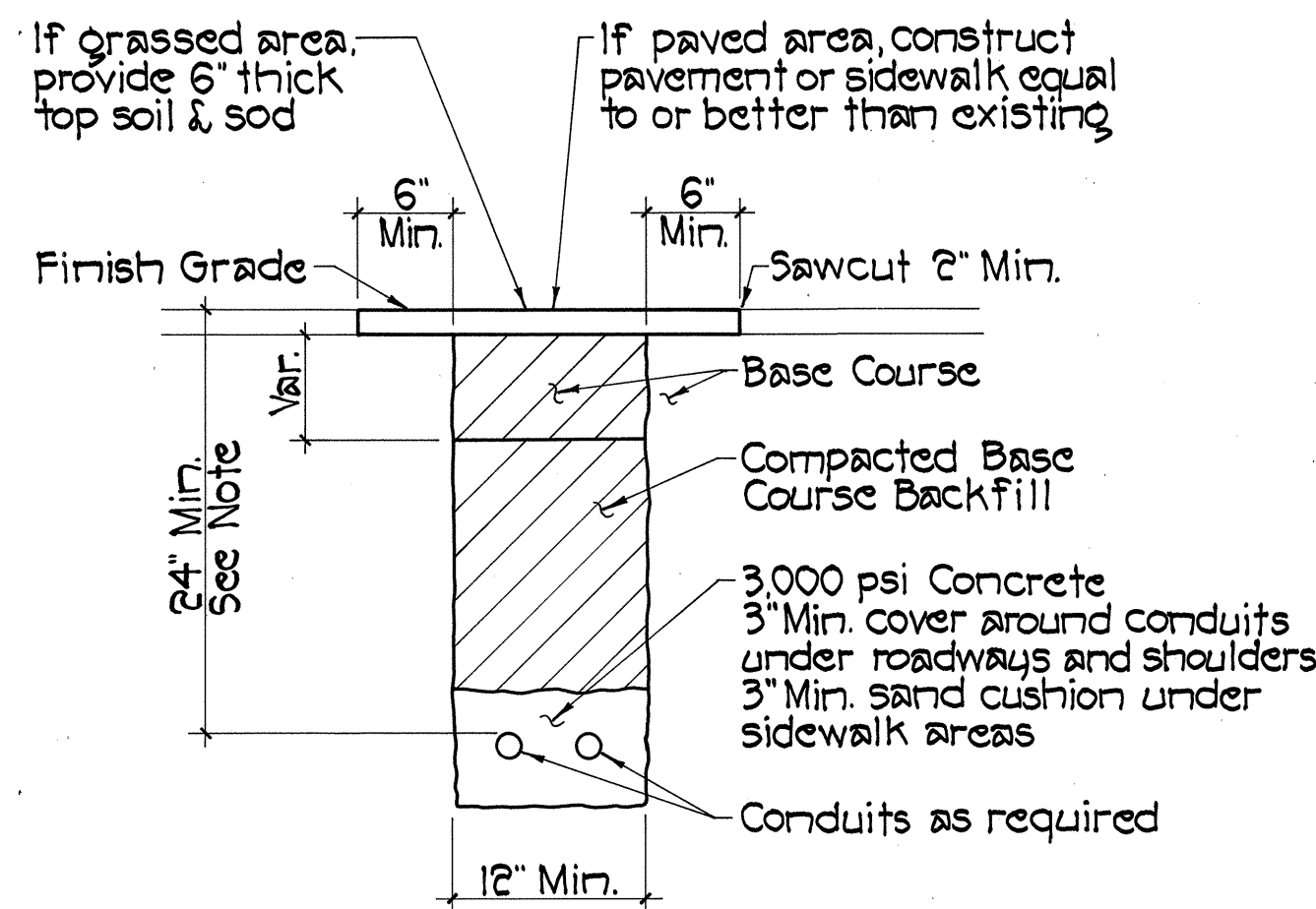


WIRING DIAGRAM ~ QUEUE/COUNTING DETECTORS

Not to Scale



SECTION A

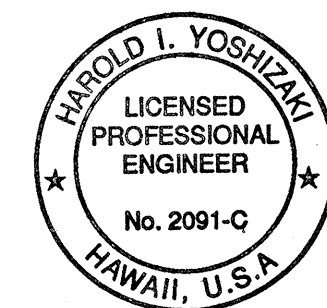


NOTES:

1. All conduits shall be steel or pvc schedule 80.
2. Indicated bury depth shall be adjusted in the field to clear and avoid interferences with all existing buried utility systems.
3. Conduits in road shoulder areas shall be concrete jacketed.

DUCT DETAILS

Not to Scale



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LOOP DETECTOR DETAILS

 QUEEN KAAHUMANU HIGHWAY
 TRAFFIC SIGNALS @ KAIMINANI DRIVE
 FEDERAL AID PROJECT NO STP-019-1(22)
 SCALE: AS SHOWN DATE: May 1997
 SHEET No. 11 OF 17 SHEETS