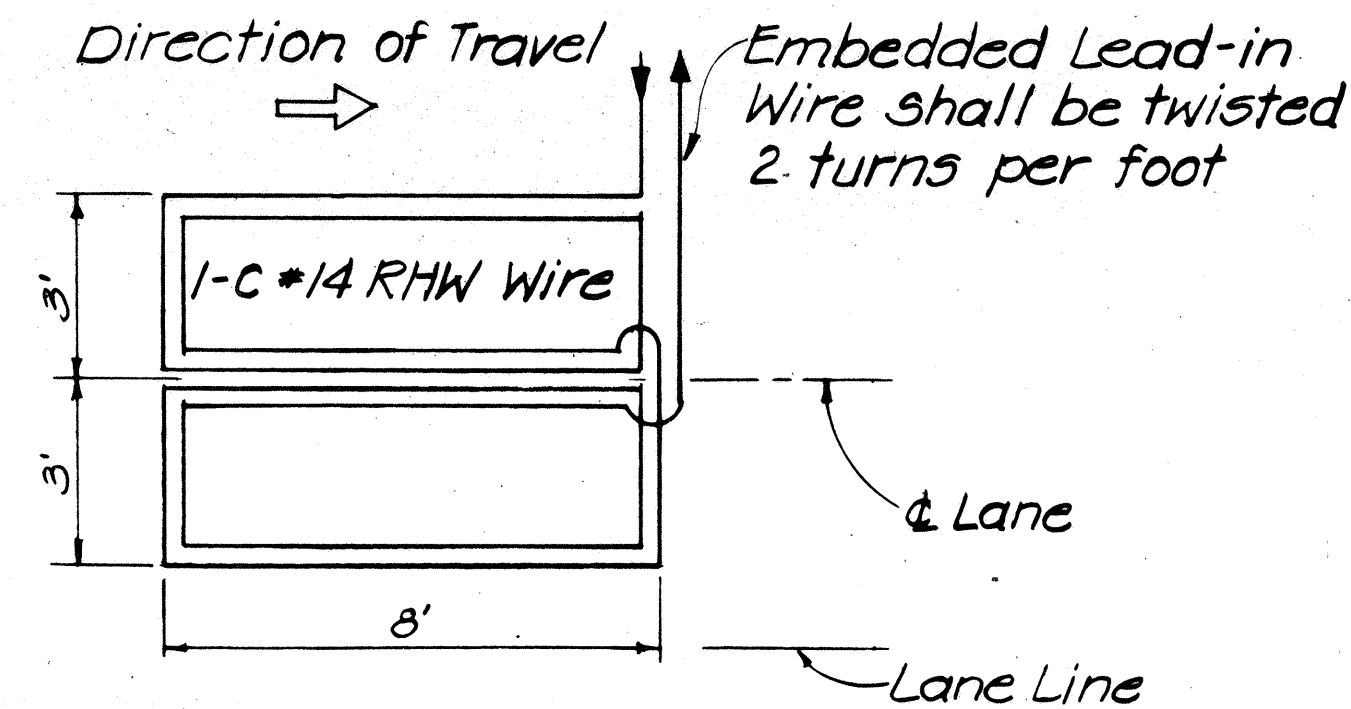
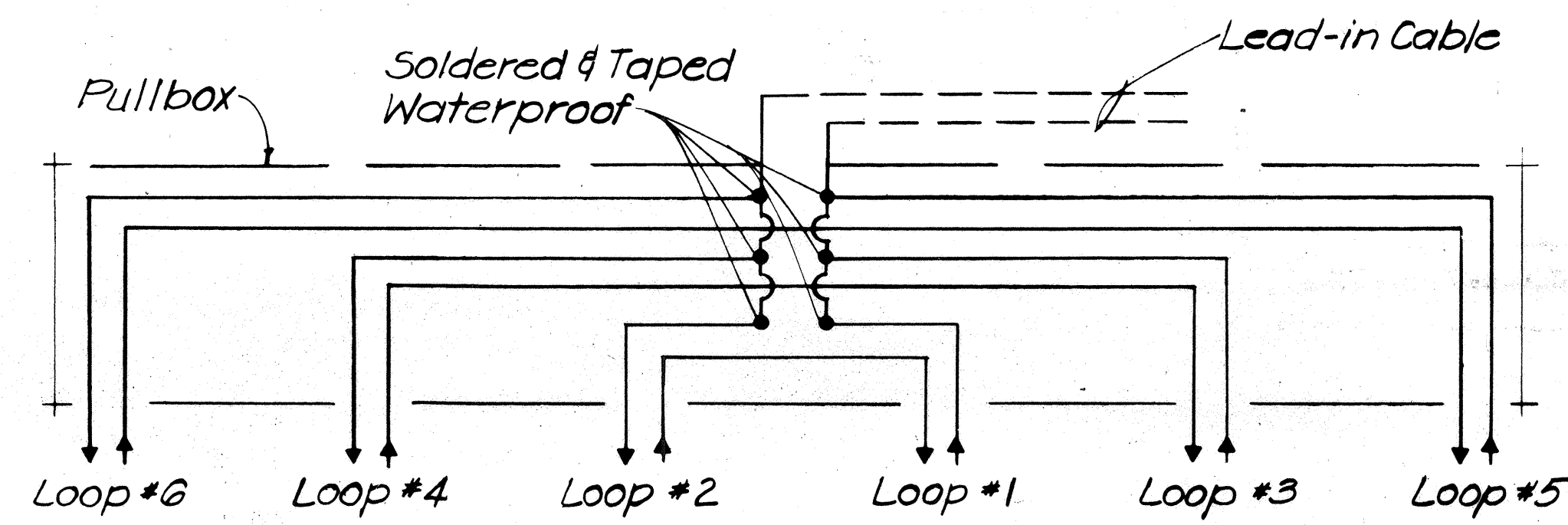


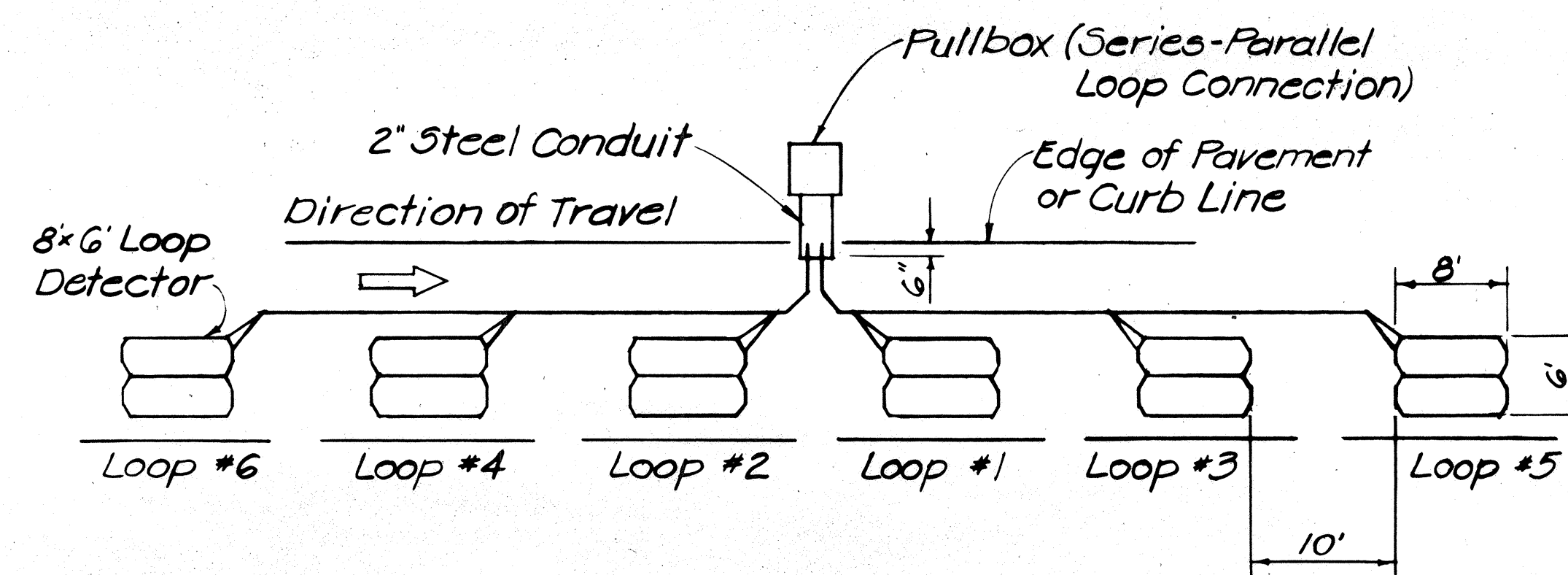
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FR-078-1(2)	1980	20	31



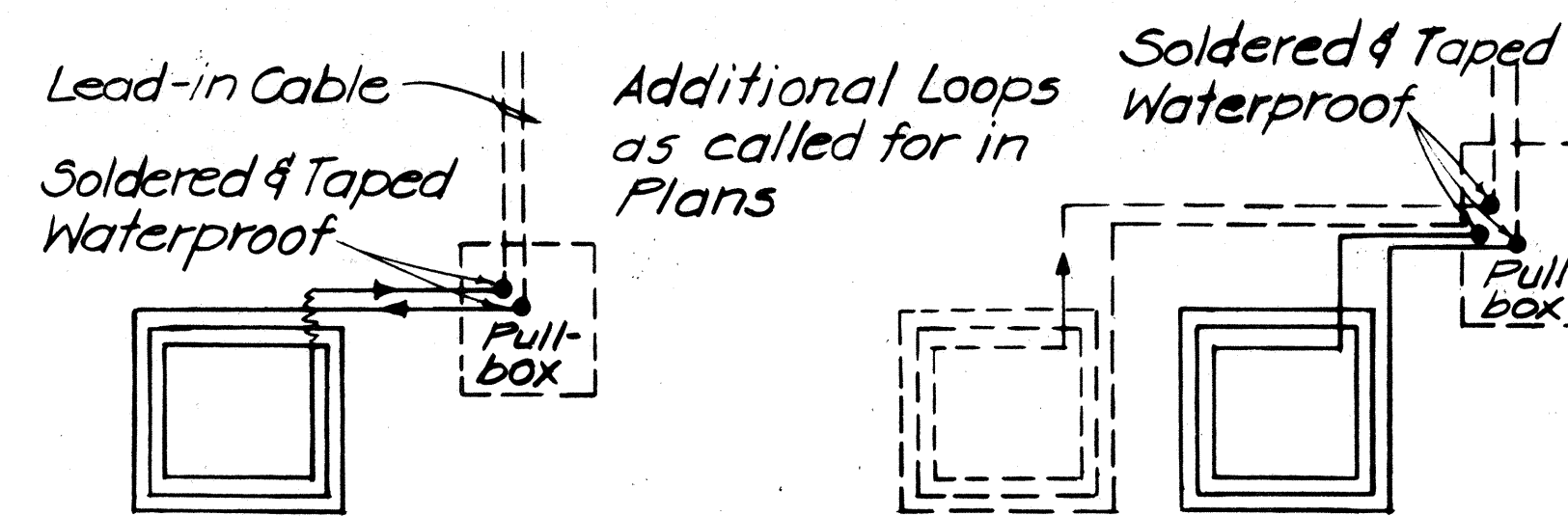
WIRING DIAGRAM



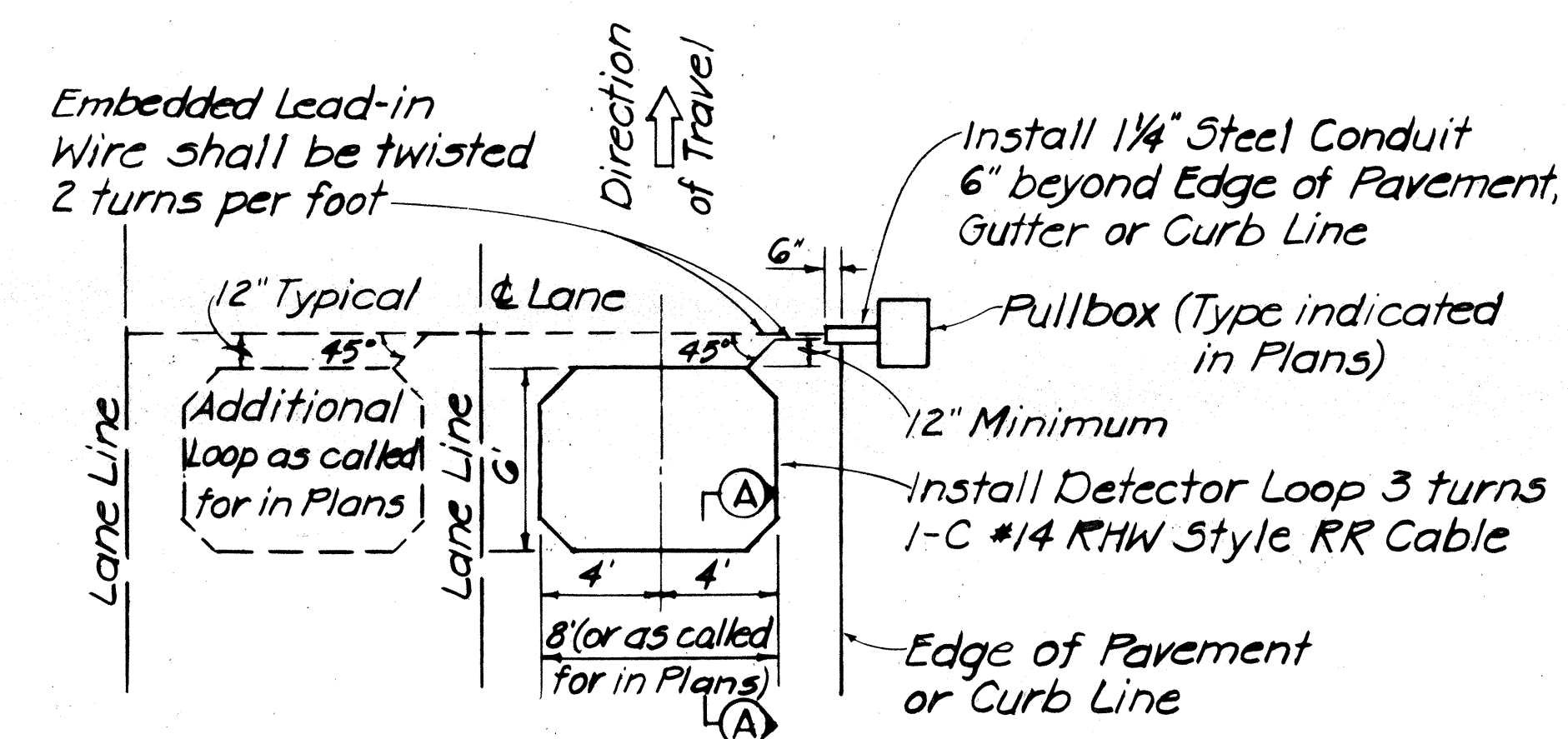
SERIES-PARALLEL LOOP CONNECTION



PLAN
TYPICAL DETAILS
LOOP DETECTORS - TYPE II
NOT TO SCALE



WIRING DIAGRAMS

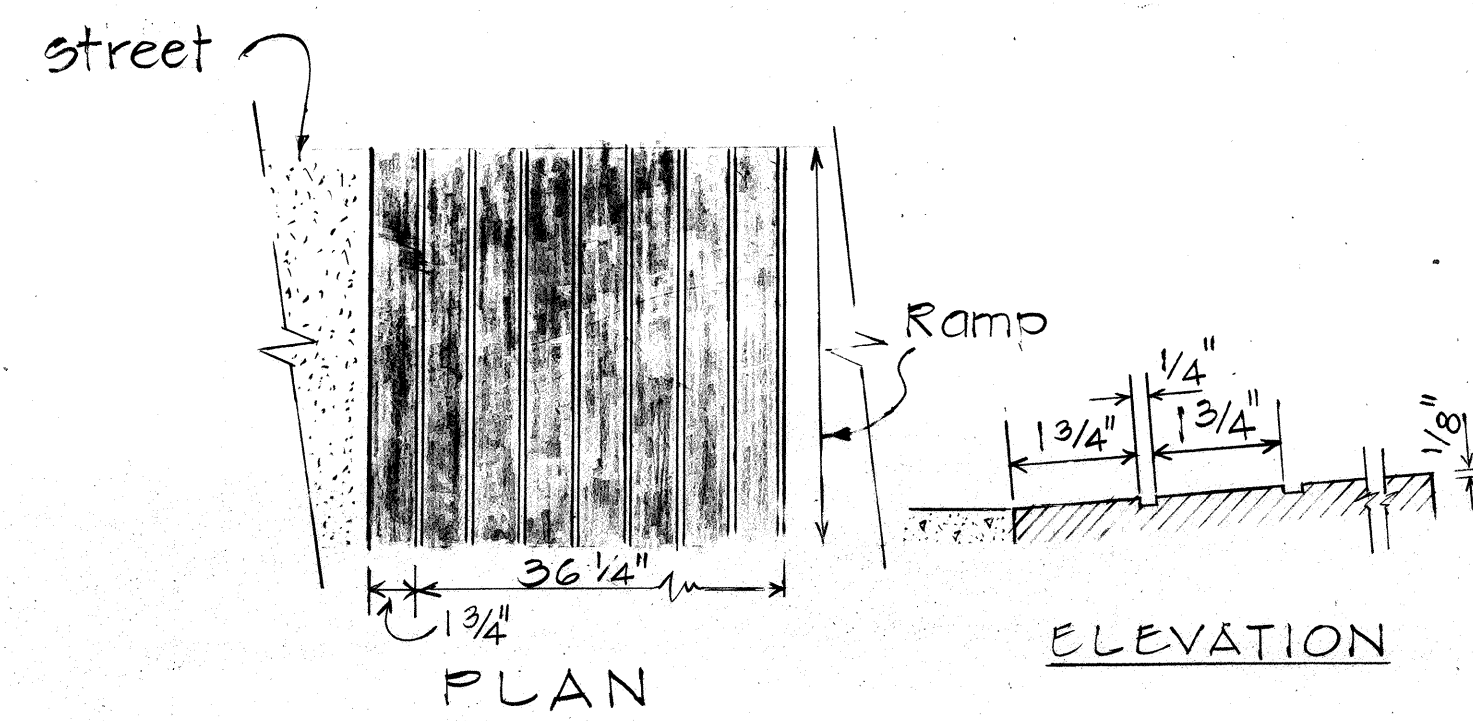
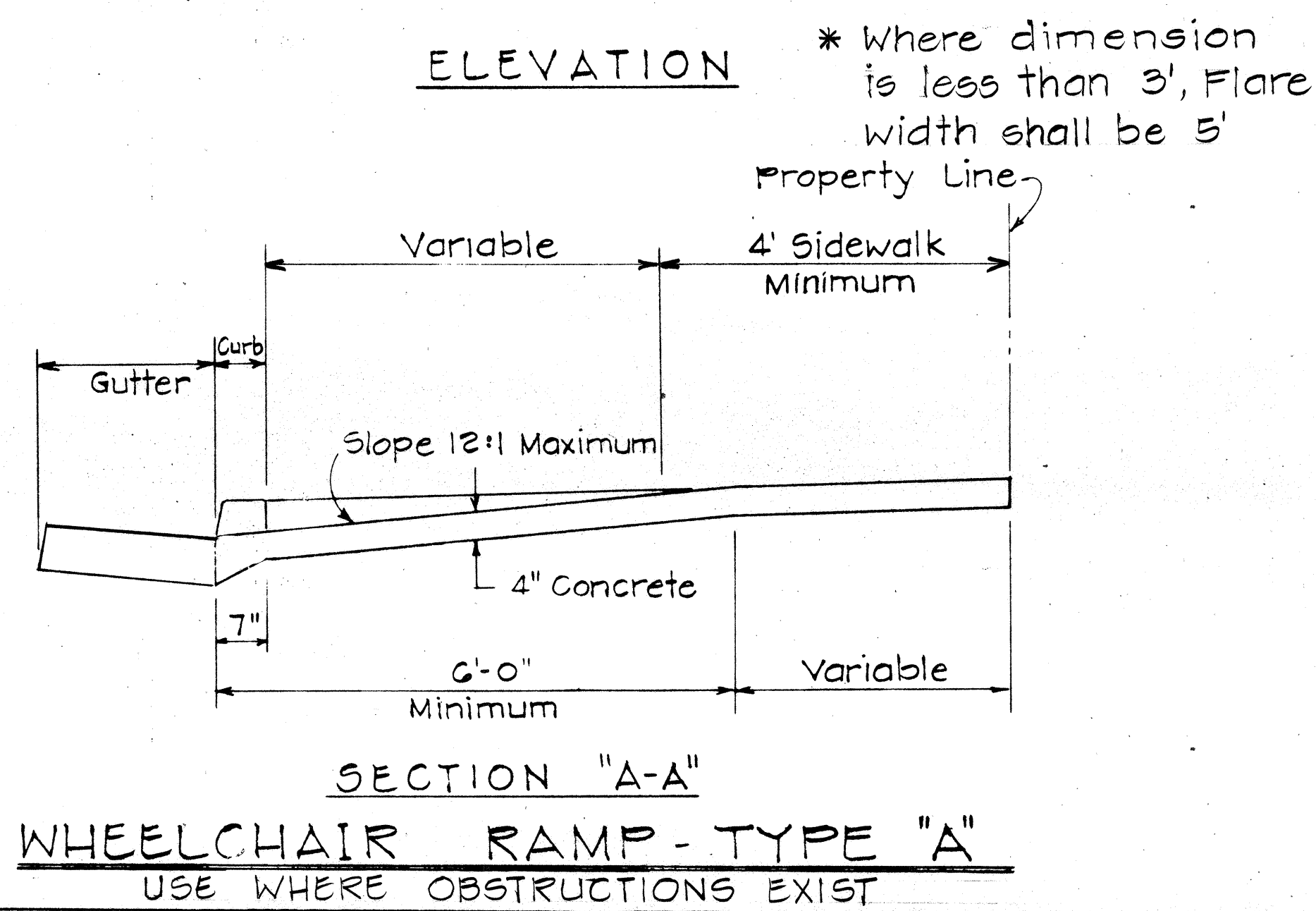
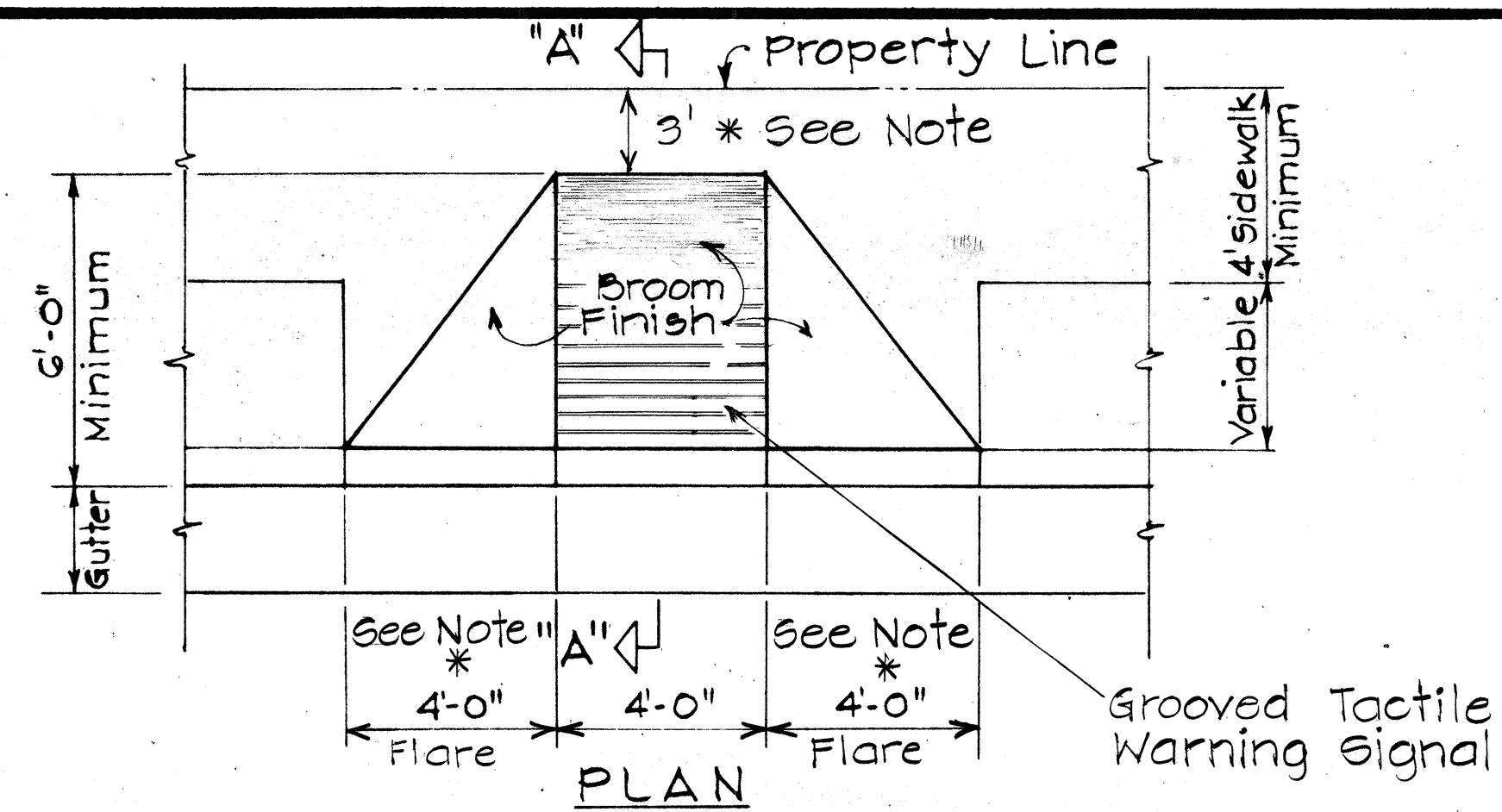


PLAN
TYPICAL DETAILS
LOOP DETECTORS - TYPE I
NOT TO SCALE

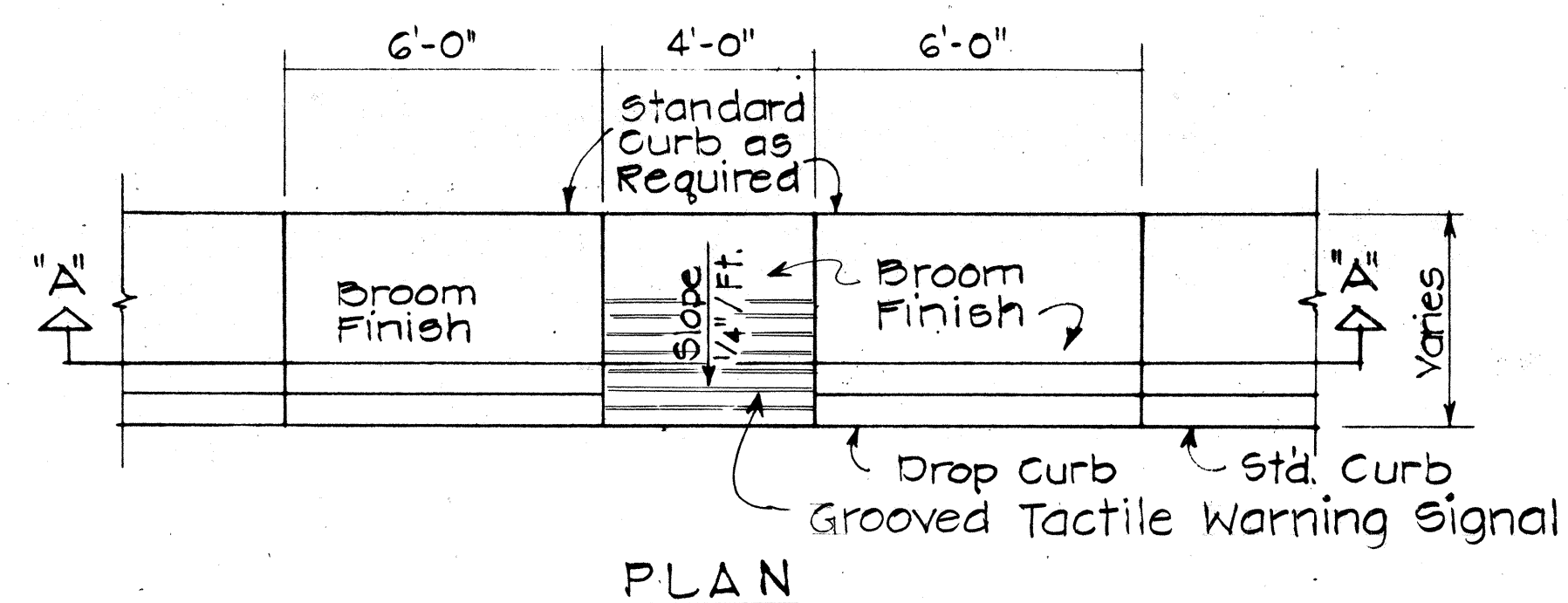
NOTE:

1. The Contractor shall notify Mr. Carl Hagihara of the City & County of Honolulu, Department of Transportation Services at least 7 days prior to doing any work on the Loop Detector Layout.
2. Exact locations of Preformed Inductive Vehicle Loop Detectors shall be staked out in the field by the Contractor and approved by the Engineer prior to installation.
3. Preformed Inductive Vehicle Loop Detectors shall conform with implementation package UDOT-IMP-77-1, "Preformed Inductive Loops."

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FR-078-1(23)	1980	21	31

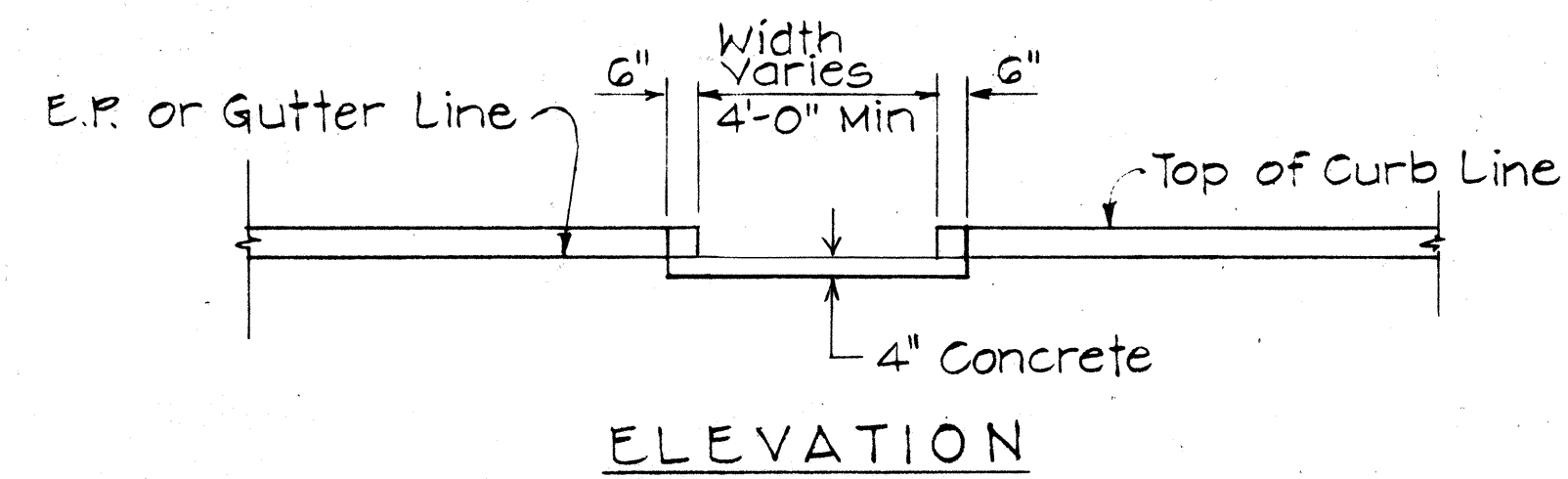
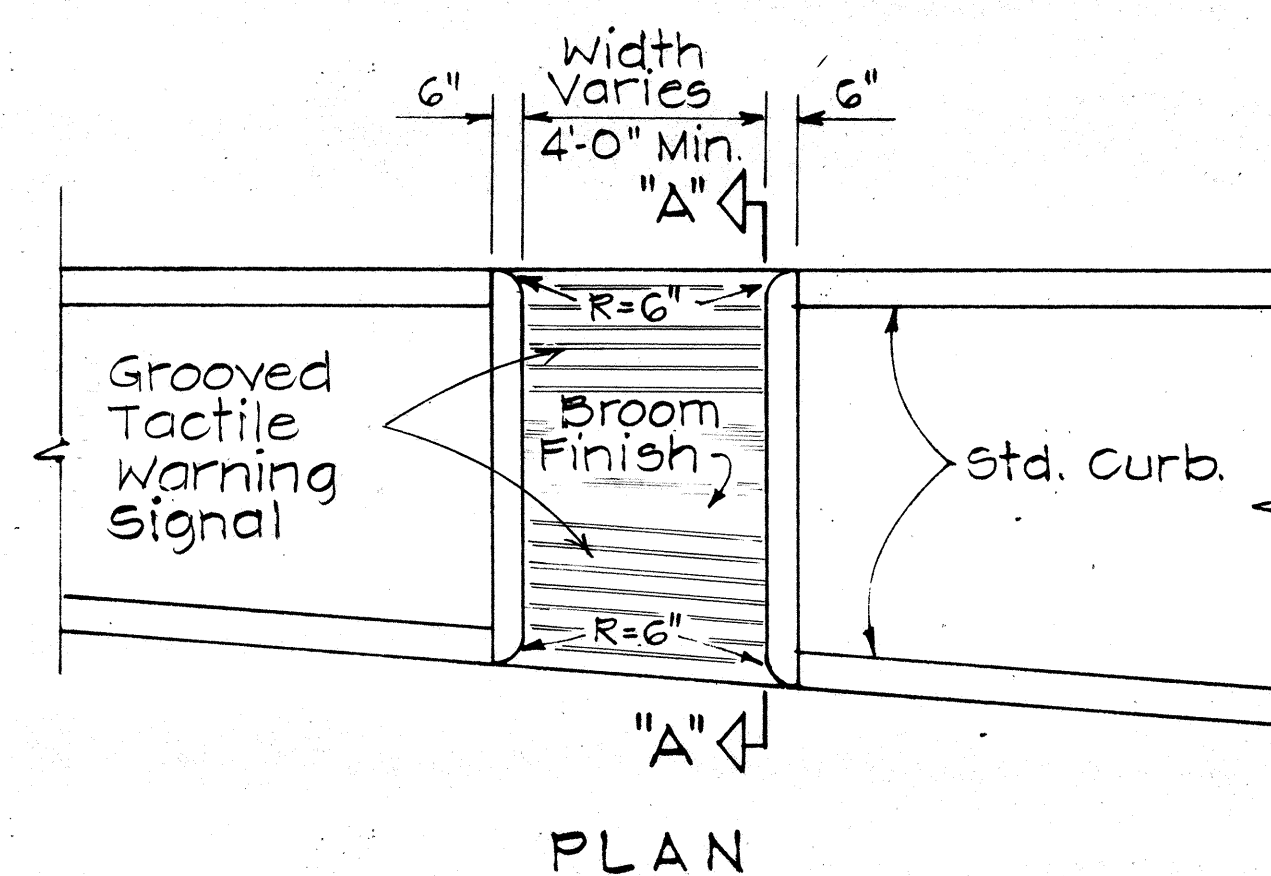


GROOVED TACTILE WARNING SIGNAL



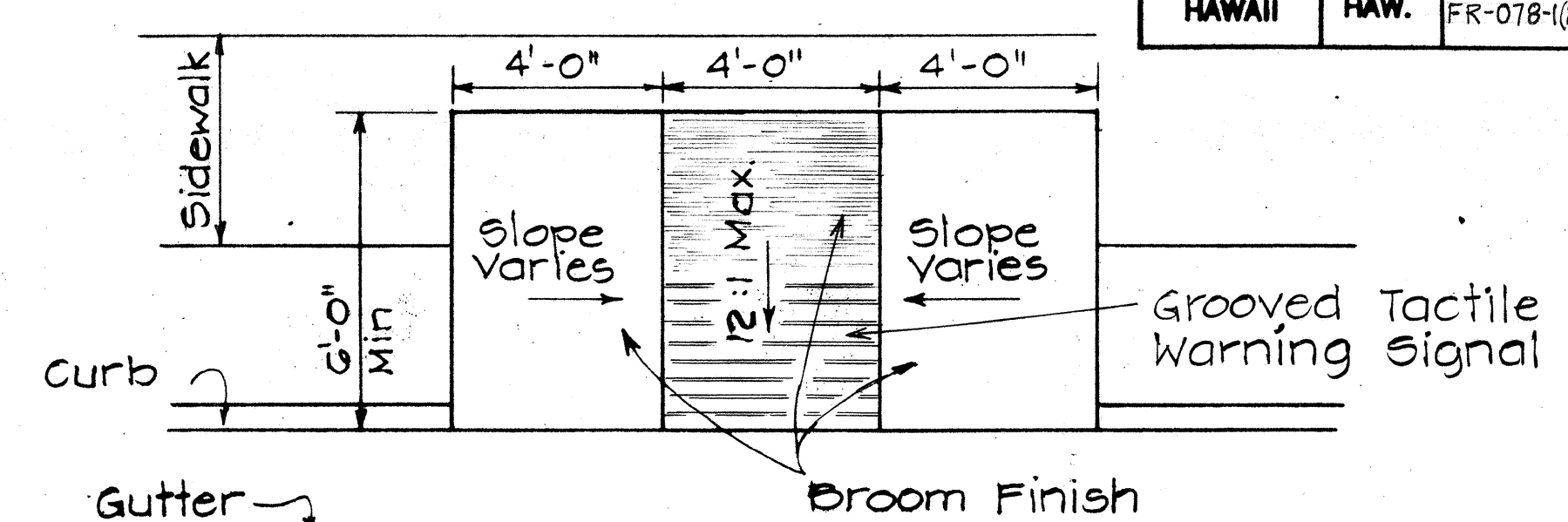
WHEELCHAIR RAMP - TYPE "B"

USE AT SIDEWALKS WITH LESS THAN 6'-0" WIDTH



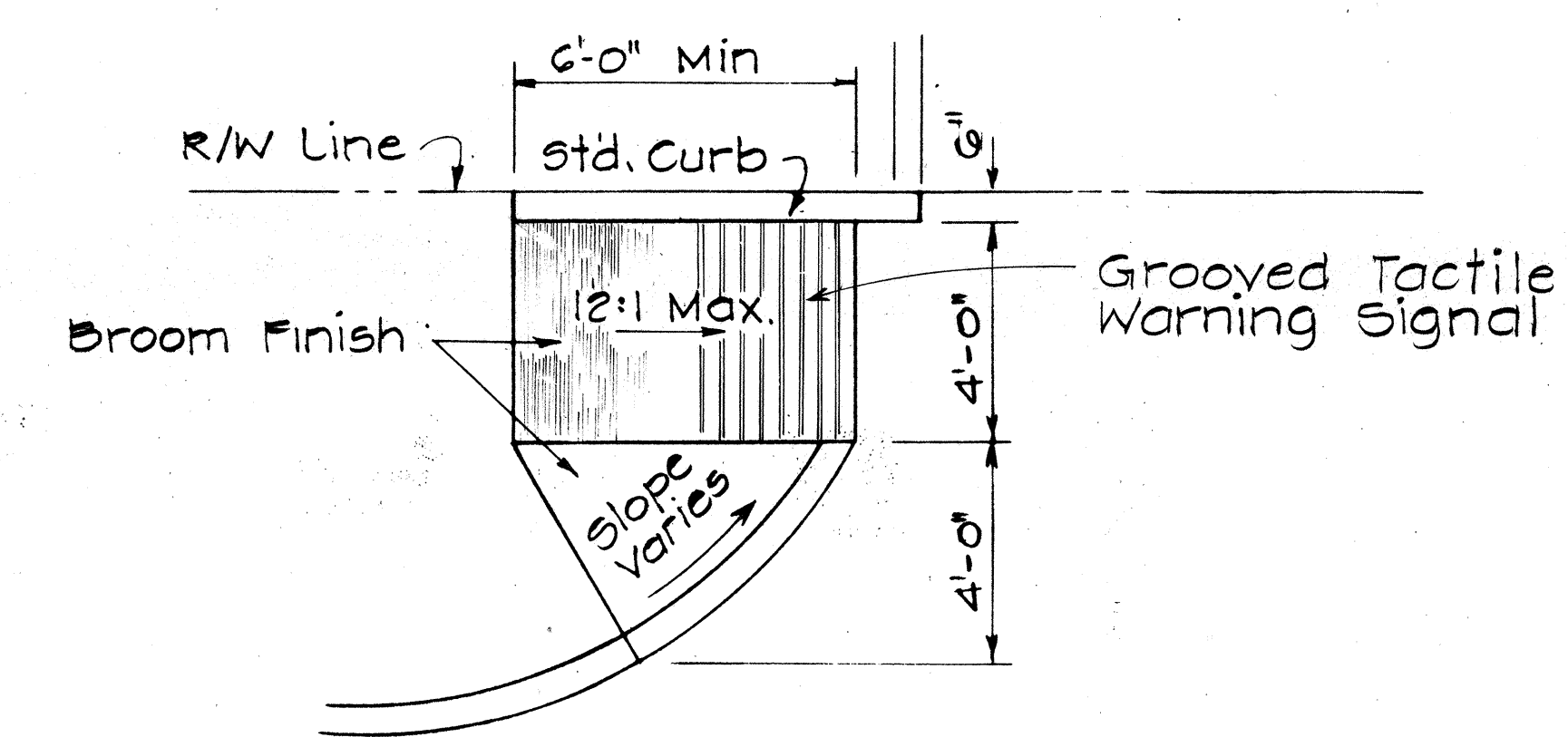
WHEELCHAIR RAMP - TYPE "C"

USE AT MEDIAN CROSSINGS, ISLANDS



WHEELCHAIR RAMP - TYPE "D"

USE WHEN IDEAL CONDITIONS EXIST



WHEELCHAIR RAMP - TYPE "E"

USE AT CURBED DRIVEWAYS

Scale: 3/8" = 1'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL DETAILS OF
WHEEL CHAIR RAMPS

Scale: As Shown May, 1978

SHEET NO. 3 OF 3 SHEETS