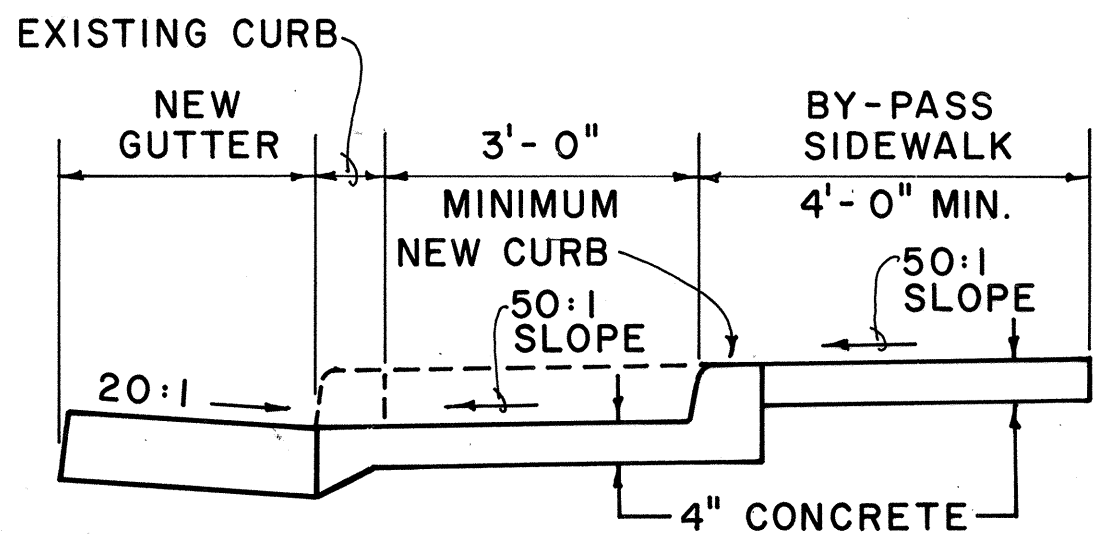
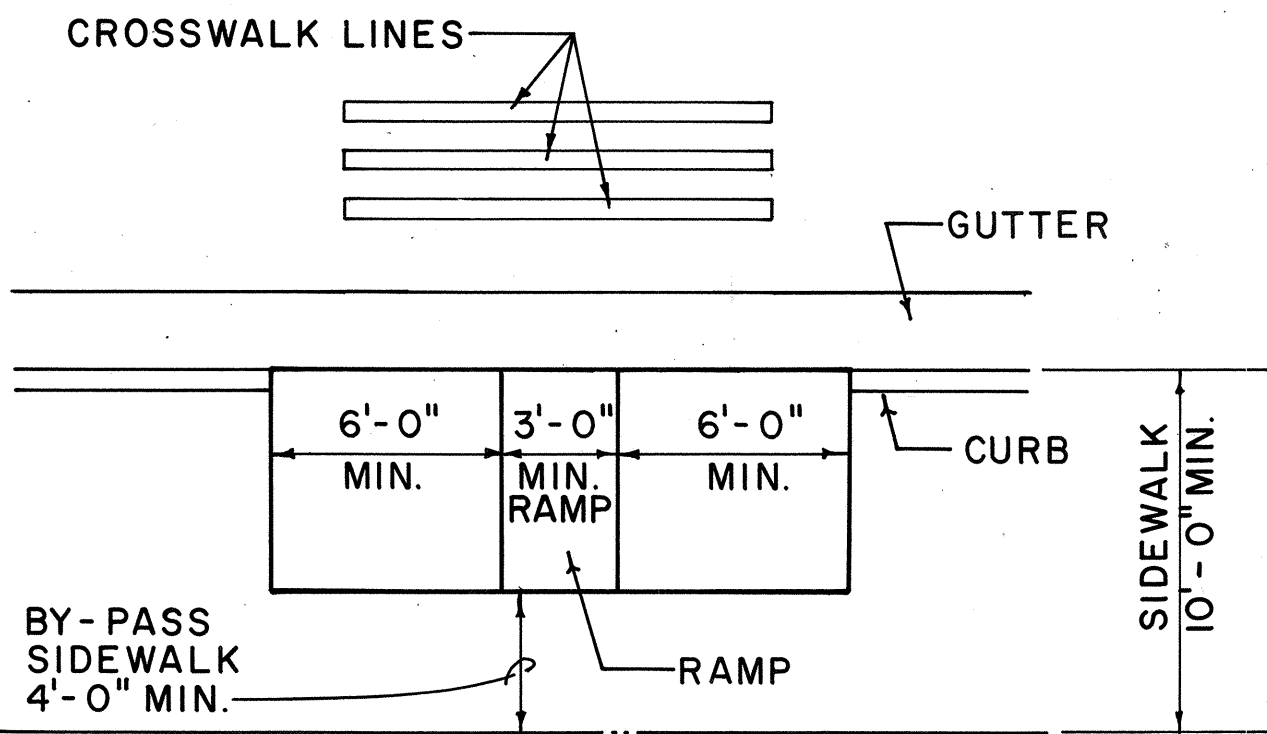


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-H2-1(29)	1997	7	129

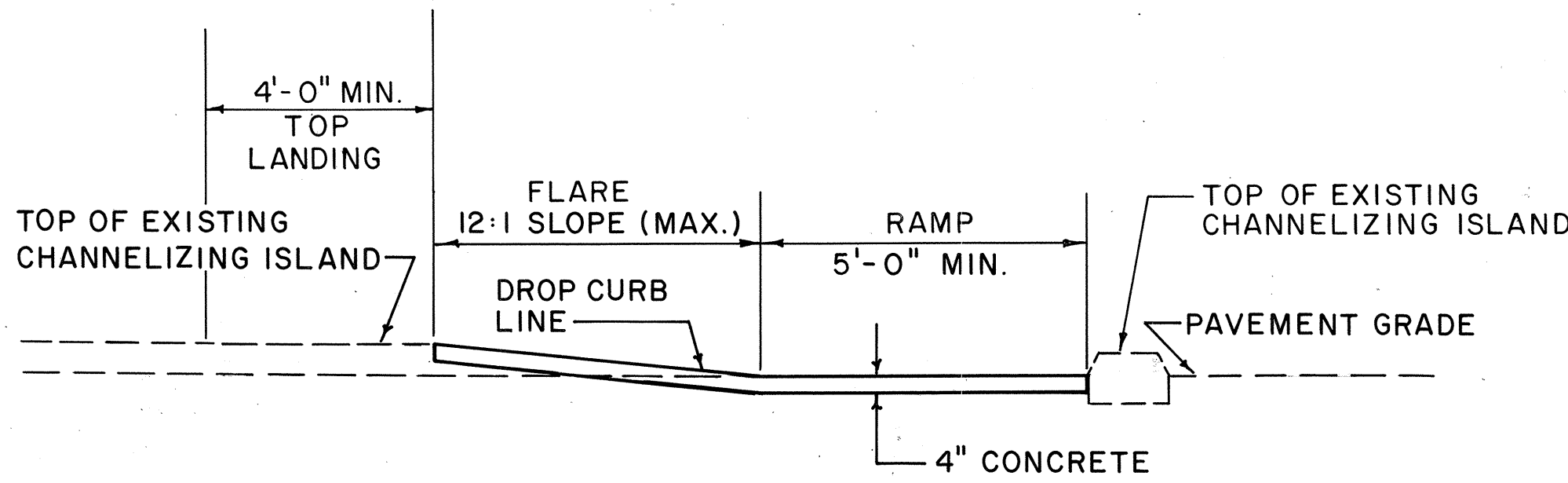


TYPICAL SECTION

WHEELCHAIR RAMP - TYPE "B"
SIDEWALK WIDTH LESS THAN 10'-0" WIDE



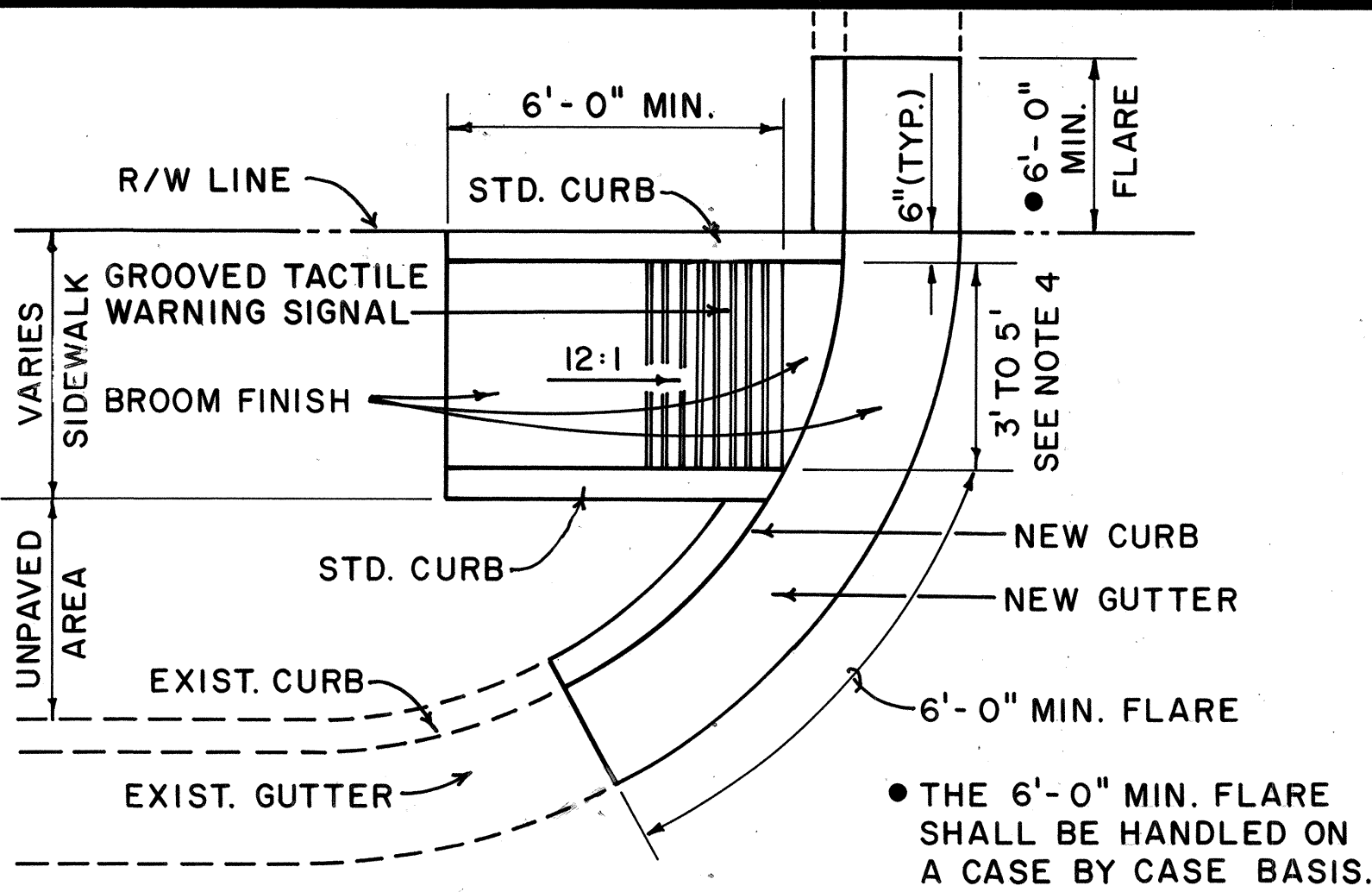
TYPICAL INSTALLATION
AT CROSSWALKS



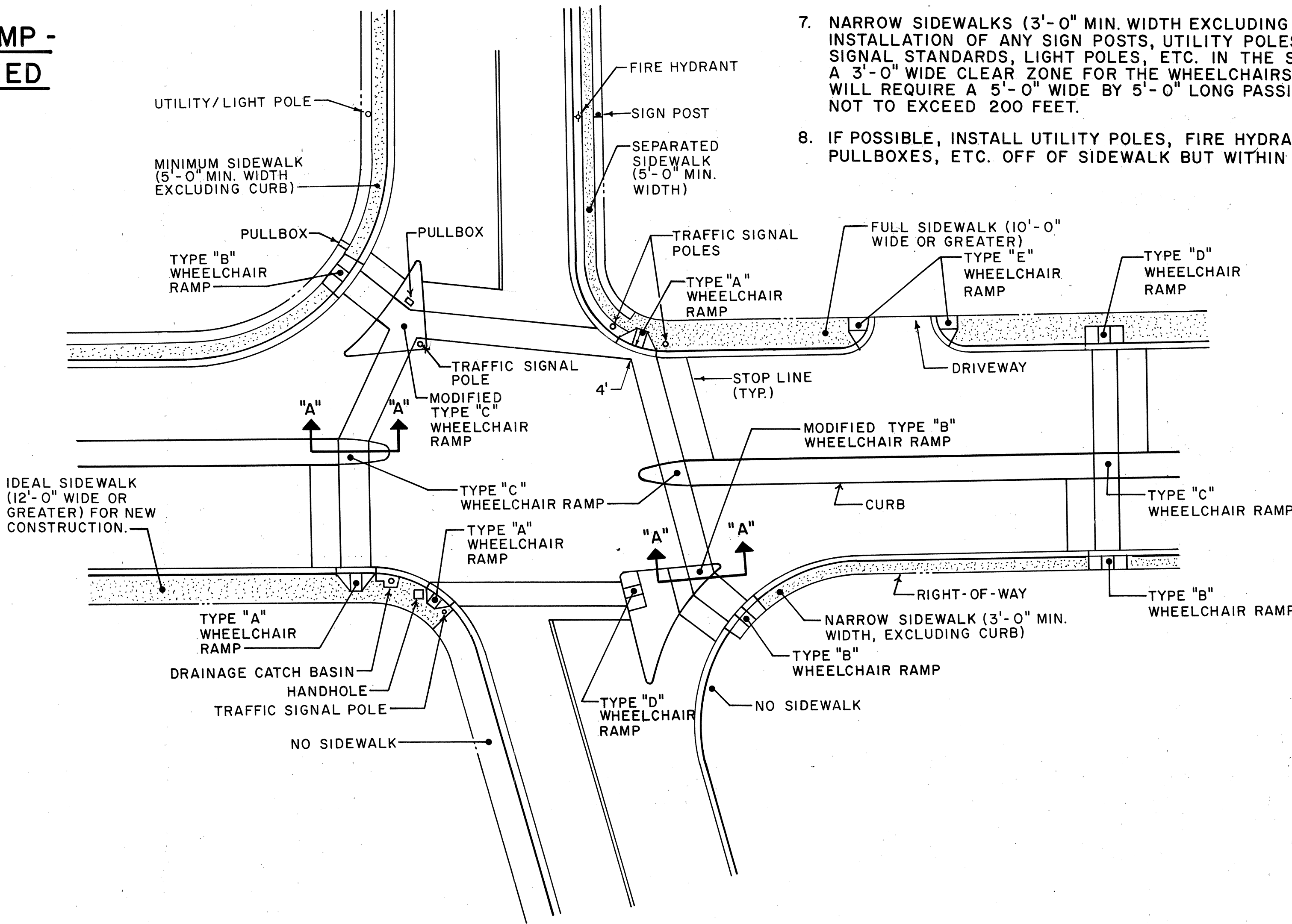
SECTION "A-A"

WHEELCHAIR RAMP - TYPE "B" MODIFIED
USE AT INTERSECTION OF 2 CROSSWALKS ON CHANNELIZING ISLAND

For Additional Details, See Type "B" Wheelchair Ramp



**WHEELCHAIR RAMP -
TYPE "E" MODIFIED**



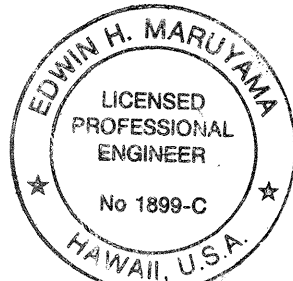
NOTES:

1. WHEN NECESSITATED BY EXISTING PHYSICAL CONDITIONS, ALTERNATE WHEELCHAIR RAMPS MAY BE USED SUBJECT TO ENGINEER'S APPROVAL.
2. SUBJECT TO FIELD CONDITIONS, THE ENGINEER SHALL DETERMINE FINAL LOCATION OF WHEELCHAIR RAMP.
3. WHERE NECESSARY, PULLBOXES, HANDHOLES, MANHOLES, ETC., SHALL BE ADJUSTED TO MATCH WHEELCHAIR RAMP GRADE. ADJUSTMENTS SHALL NOT BE PAID FOR SEPARATELY BUT CONSIDERED INCIDENTAL TO THE VARIOUS WHEELCHAIR ITEMS.
4. FOR ADDITIONAL DETAILS, REFER TO "STANDARD WHEELCHAIR RAMPS", SHT. 8.
5. WHEELCHAIR RAMPS SHALL BE REINFORCED IF ADJACENT SIDEWALKS ARE REINFORCED.
6. ALL SIDEWALKS MUST PROVIDE A MINIMUM 3'-0" WIDE (EXCLUDING CURB) CLEAR PASSING SPACE FOR WHEELCHAIRS.
7. NARROW SIDEWALKS (3'-0" MIN. WIDTH EXCLUDING CURB) WILL PROHIBIT THE INSTALLATION OF ANY SIGN POSTS, UTILITY POLES, FIRE HYDRANTS, TRAFFIC SIGNAL STANDARDS, LIGHT POLES, ETC. IN THE SIDEWALK, WHICH WILL PREVENT A 3'-0" WIDE CLEAR ZONE FOR THE WHEELCHAIRS. ALSO, NARROW SIDEWALKS WILL REQUIRE A 5'-0" WIDE BY 5'-0" LONG PASSING SPACE AT INTERVALS NOT TO EXCEED 200 FEET.
8. IF POSSIBLE, INSTALL UTILITY POLES, FIRE HYDRANTS, LIGHT POLES, SIGN POSTS, PULLBOXES, ETC. OFF OF SIDEWALK BUT WITHIN THE RIGHT-OF-WAY.

DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
NO.	_____

TYPICAL WHEELCHAIR RAMPS

NOT TO SCALE



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

By: *Edwin H. Maruyama*
FUJITA & ASSOCIATES

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**STANDARD PLAN
WHEELCHAIR RAMPS**

INTERSTATE ROUTE H-2
MILILANI INTERCHANGE
SOUTHBOUND ON-AND-OFF-RAMPS
F.A.I. Proj. No. 1M-H2-1(29)

SCALE: AS NOTED DATE: MAR. 1997

SHEET No. 71 OF 2 SHEETS

"AS-BUILT" 7

