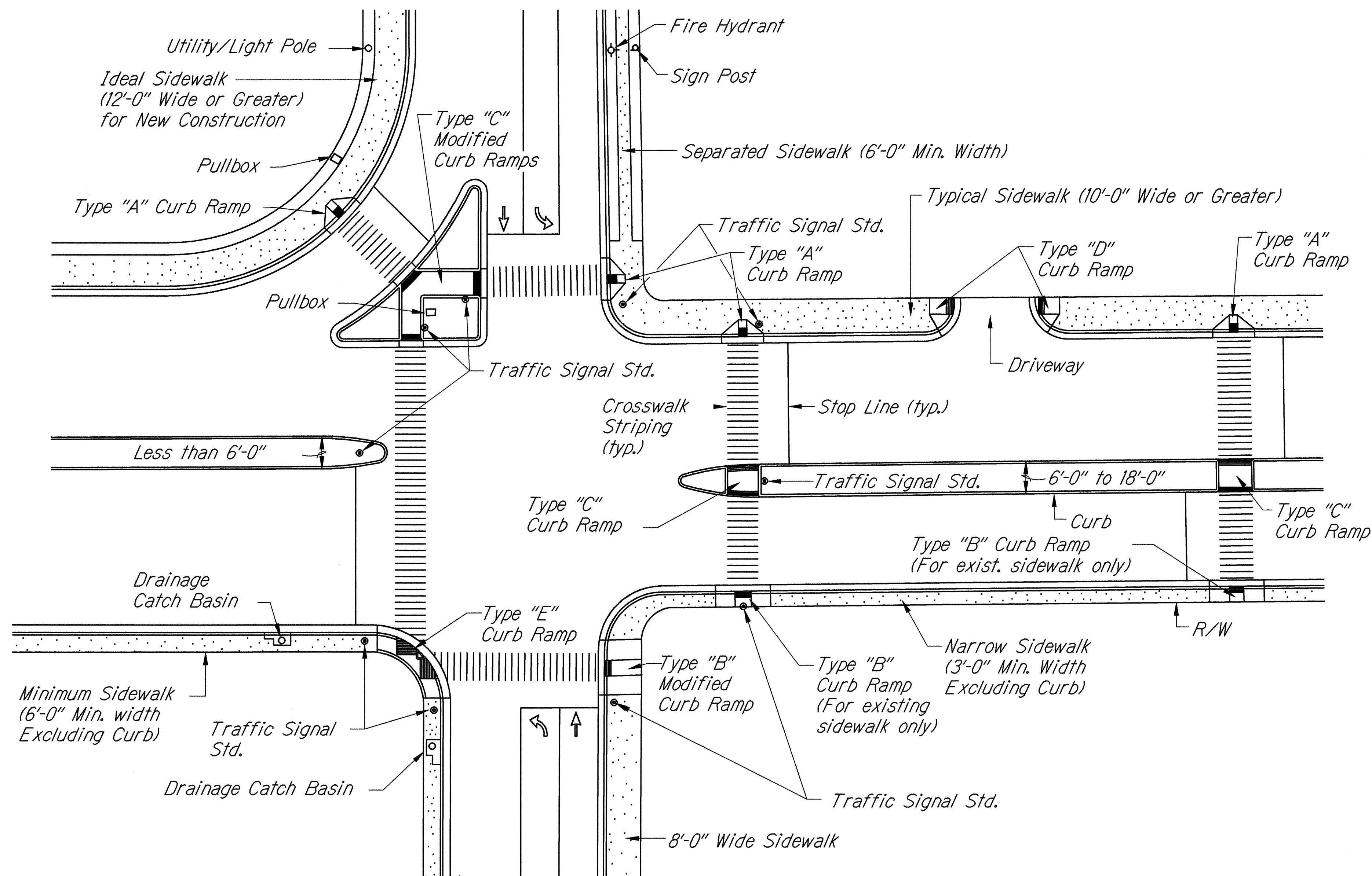
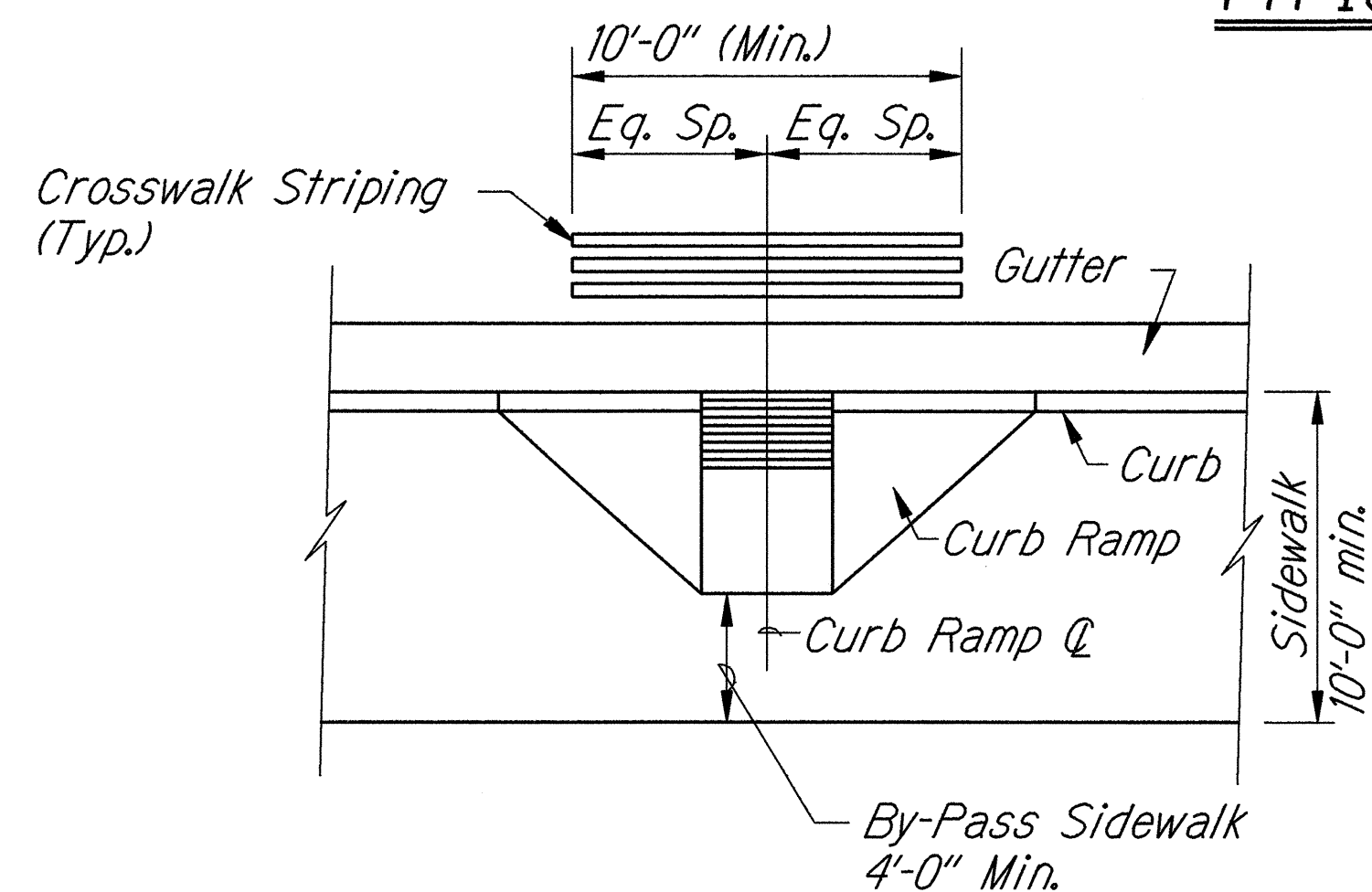


FED. ROAD DIST. NO.	STATE	FEDERAL - AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP - 0480(2)	1998	6	43



TYPICAL CURB RAMPS



TYPICAL CROSSWALK STRIPING AT CURB RAMP

GENERAL NOTES:

- When necessitated by existing physical conditions, alternate Curb Ramps may be used subject to Engineer's approval.
- Subject to field conditions, the Engineer shall determine final location of Curb Ramp.
- Where necessary, exist. pullboxes, handholes, manholes, etc. shall be adjusted to match Curb Ramp grade. Adjustments shall not be paid for separately but shall be considered incidental to the various curb ramp items.
- All sidewalks shall provide a minimum clear width of 3'-0" (excluding curb) for pedestrian circulation.
- Narrow Sidewalks (3'-0" min. width excluding curb) will prohibit the installation of any sign posts, utility poles, fire hydrants, traffic signals standards, light poles, etc. in the sidewalk, which will prevent a 3'-0" wide clear zone for pedestrian circulation. Also, Narrow Sidewalks shall require a minimum 6'-0" wide, excluding curbs, by 10'-0" long passing space at intervals not to exceed 200 feet.
- For New Construction, the minimum sidewalk width shall be 6'-6", excluding curbs at signalized intersections and the cross slope shall not exceed 50:1. Sidewalk width may be decreased to 6'-0" excluding curbs at non-signalized intersections. For high pedestrian traffic the width shall be a minimum of 12'-0" and/or determined by the Engineer.
- If possible, install utility poles, fire hydrants, light poles, sign posts, pullboxes, etc. off of sidewalk but within the right-of way.
- Single curb ramps serving two street crossing directions is prohibited in new construction.
- New Curb Ramps shall be installed at 90° to the sidewalk or to the maximum extent feasible.
- Objects protruding from utility poles and walls adjacent to the sidewalks (i.e. wall mounted fire hydrants, telephones, meters on poles etc.) shall be mounted to meet the current American with Disabilities Act (ADA) Accessibility Guidelines and will be subject to Engineer's approval.

SURVEY PLOTTED BY	DATE
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CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No.	

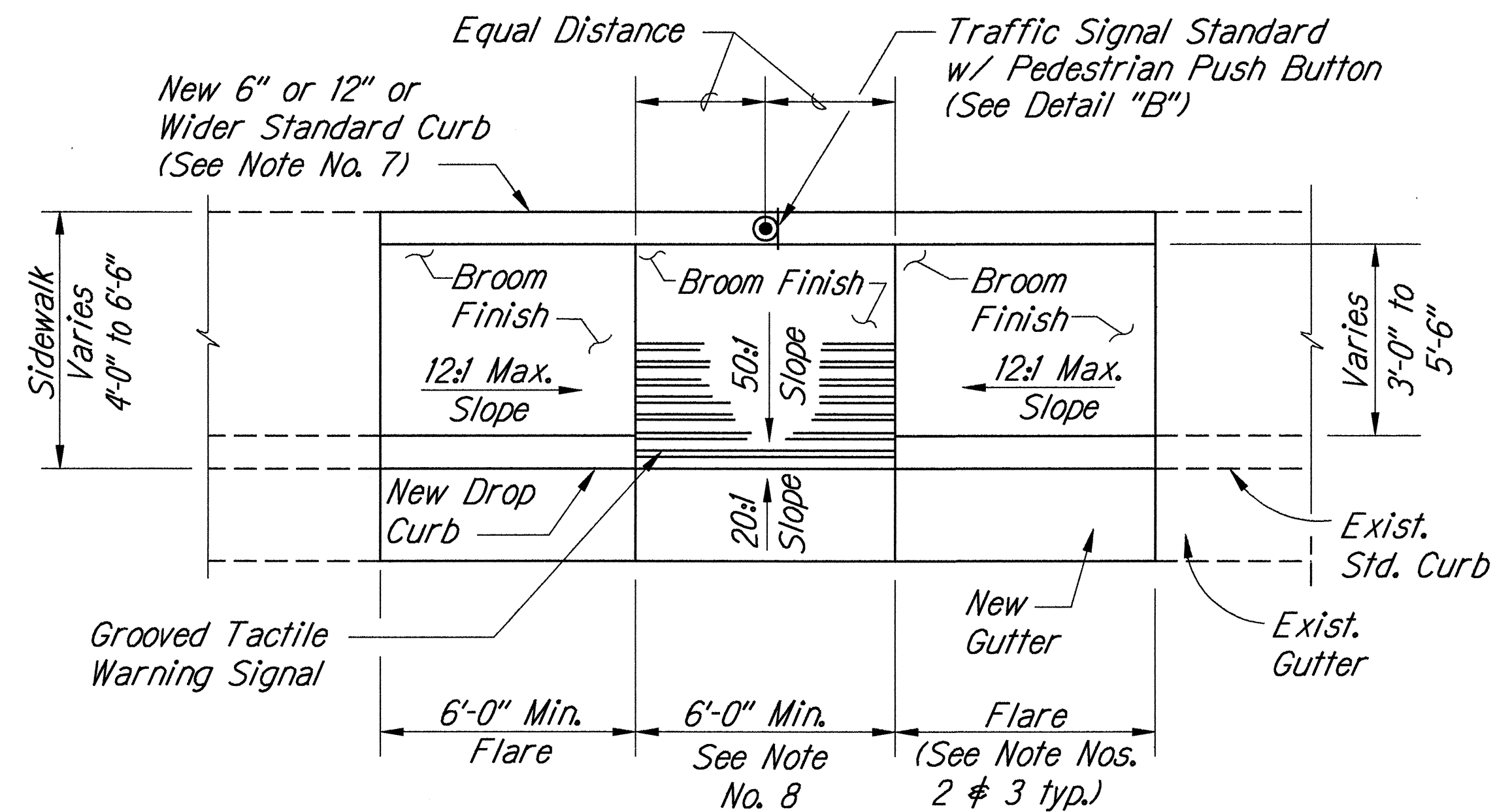
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
CURB RAMP DETAIL
Puupeeelua Avenue Resurfacing
Maunaloa Highway to Farrington Avenue
And
FARRINGTON AVENUE RESURFACING
Puupeeelua Avenue to Kalae Highway
Federal - Aid Project No. STP - 0480(2)

Scale: Not To Scale Date: March 1998

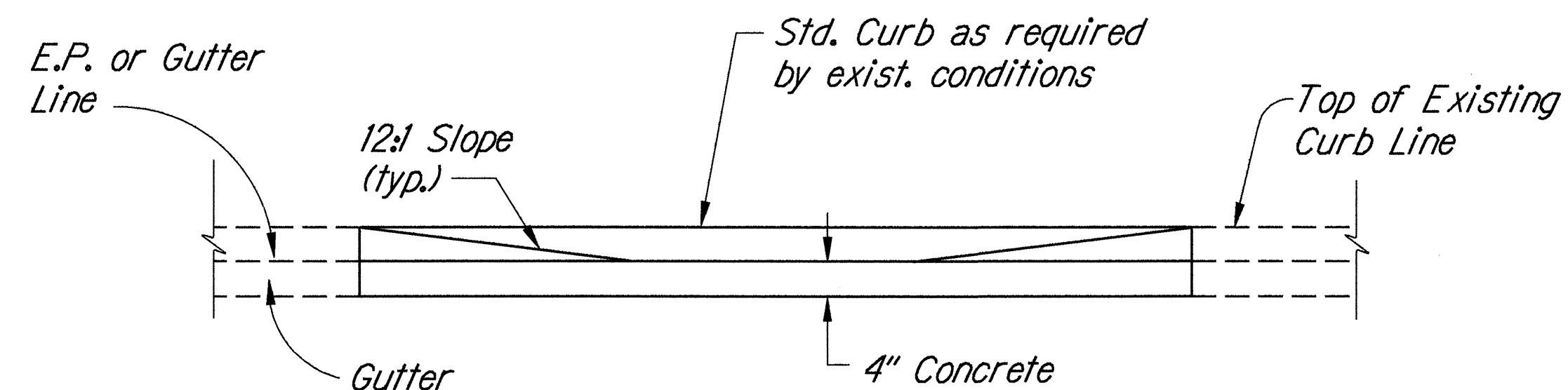
SHEET No. 1 OF 4 SHEETS

7

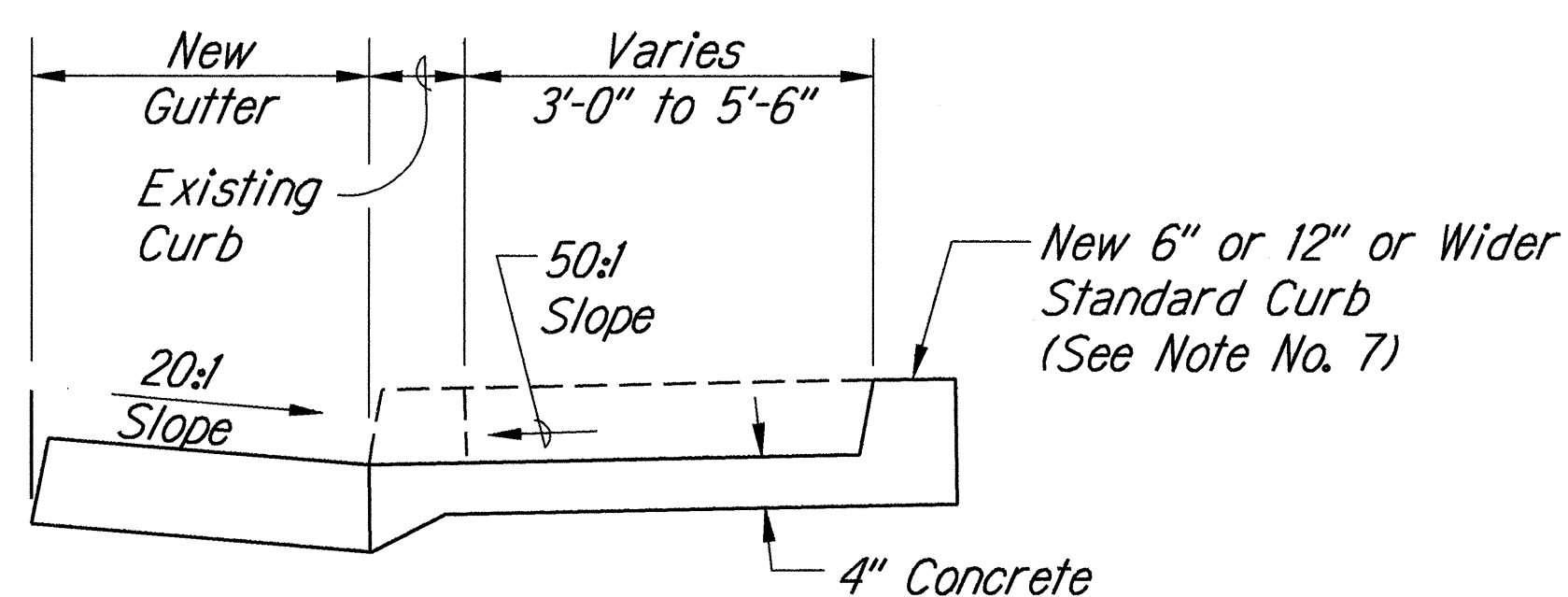
FED. ROAD DIST. NO.	STATE	FEDERAL - AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP - 0480(2)	1998	8	43



PLAN

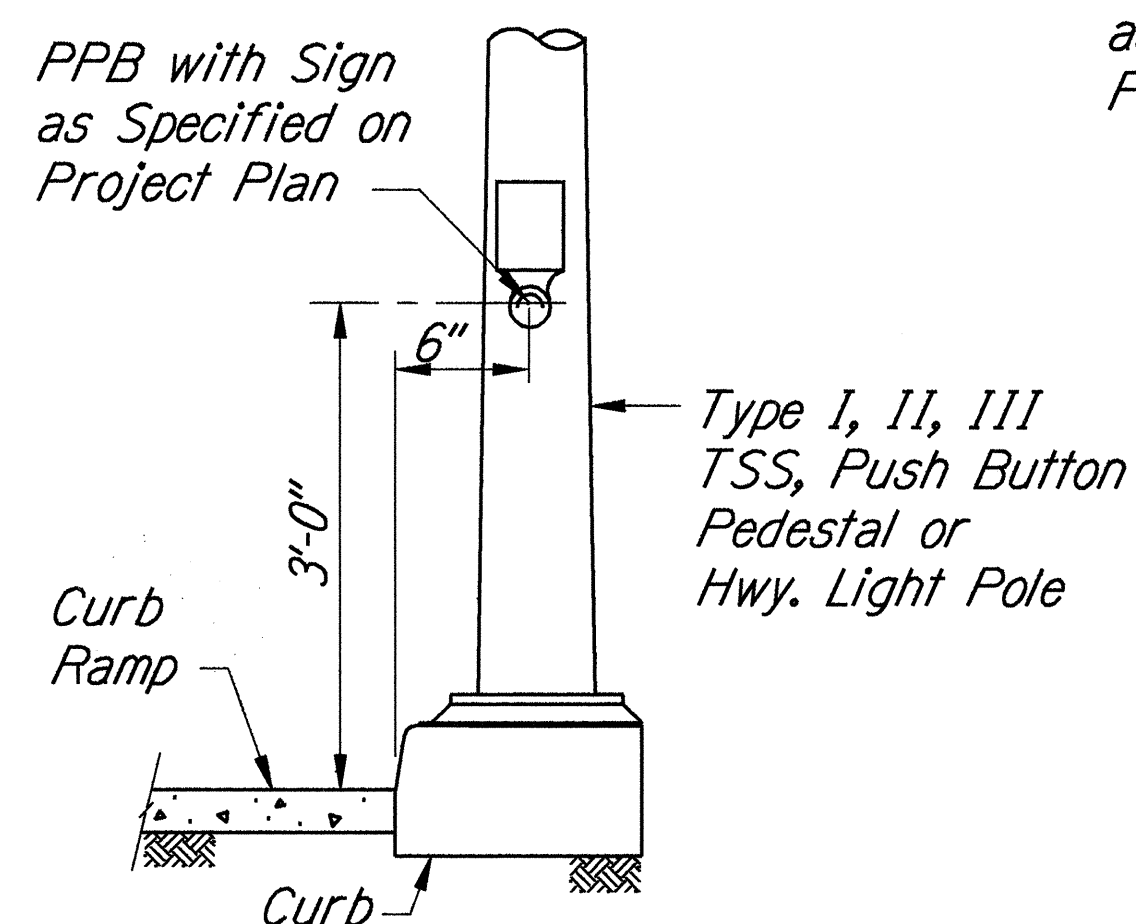


ELEVATION

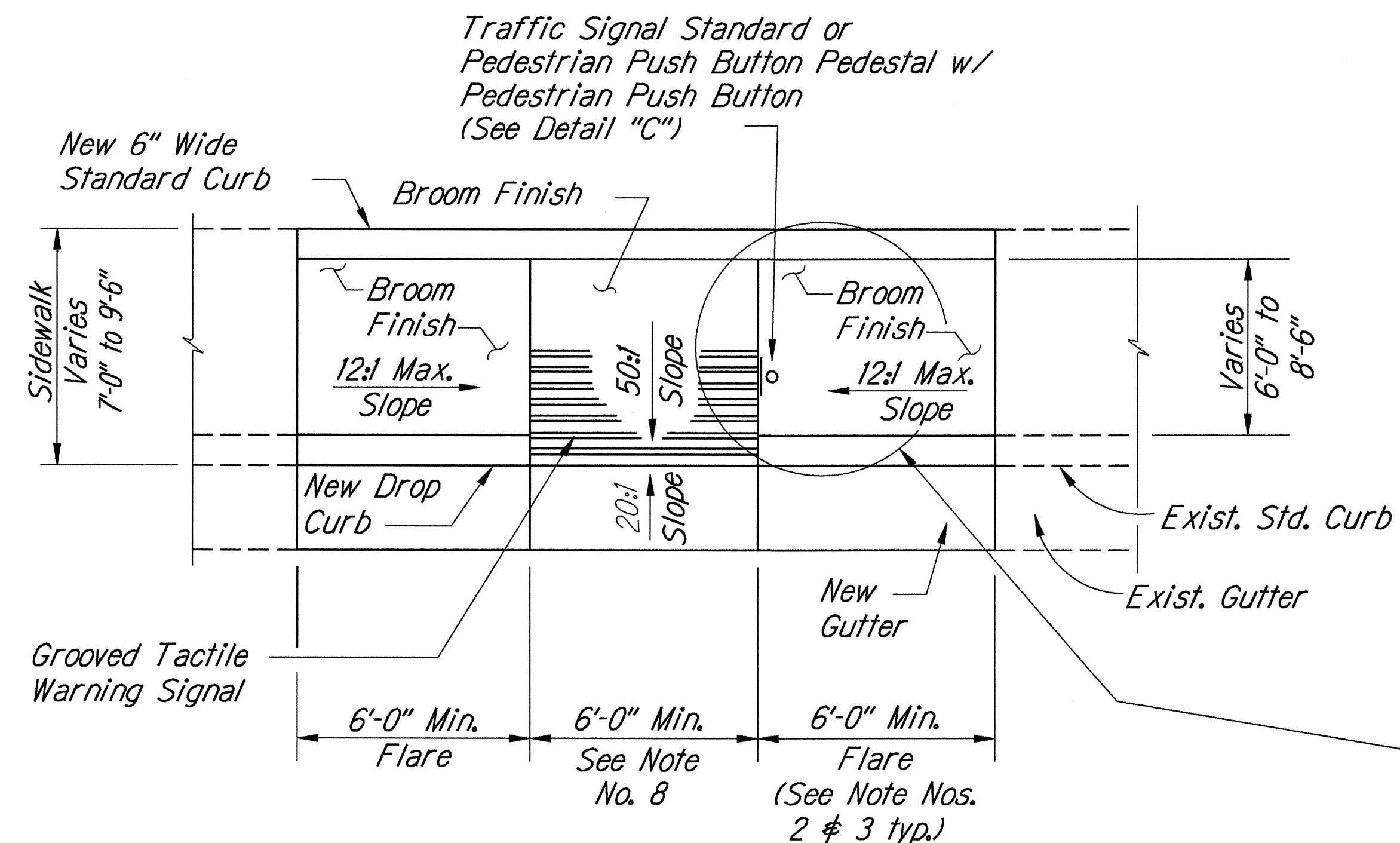


TYPICAL SECTION

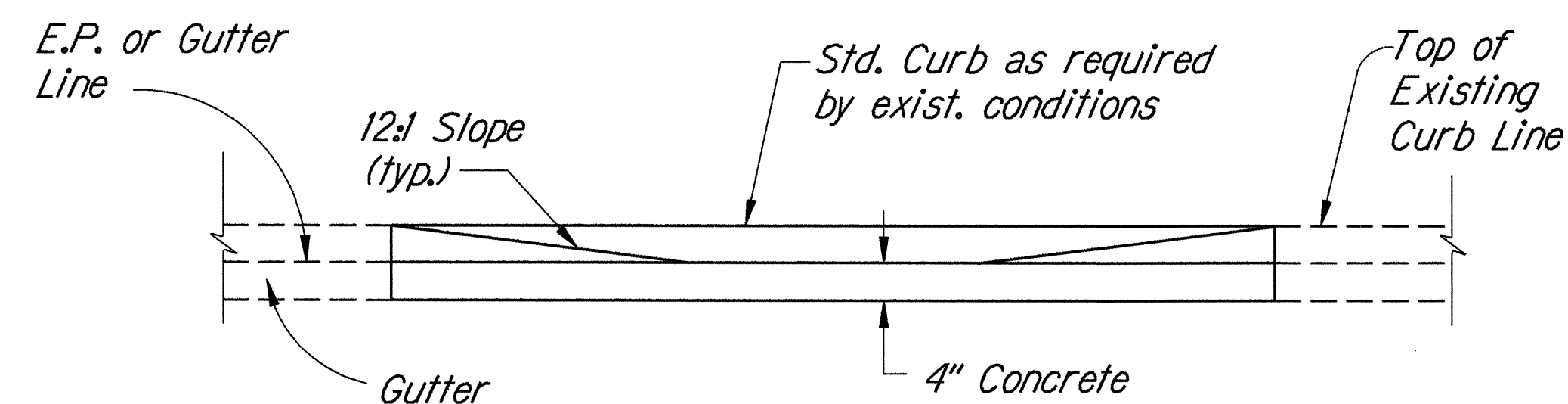
CURB RAMP - TYPE "B"
SIDEWALK WIDTH 4'-0" OR GREATER
BUT LESS THAN 7'-0" WIDTH
(FOR EXISTING SIDEWALK ONLY)



DETAIL "B"



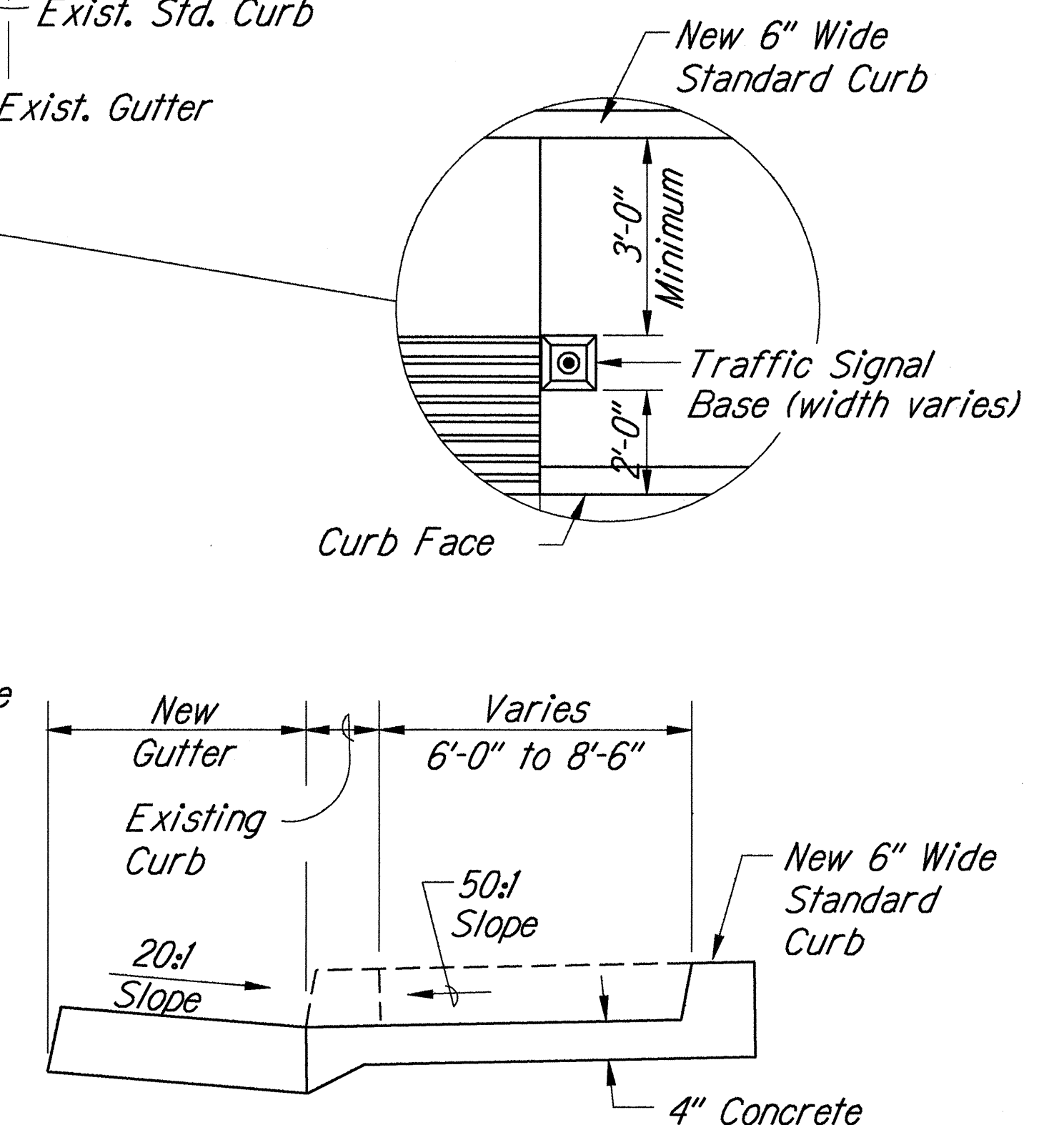
PLAN



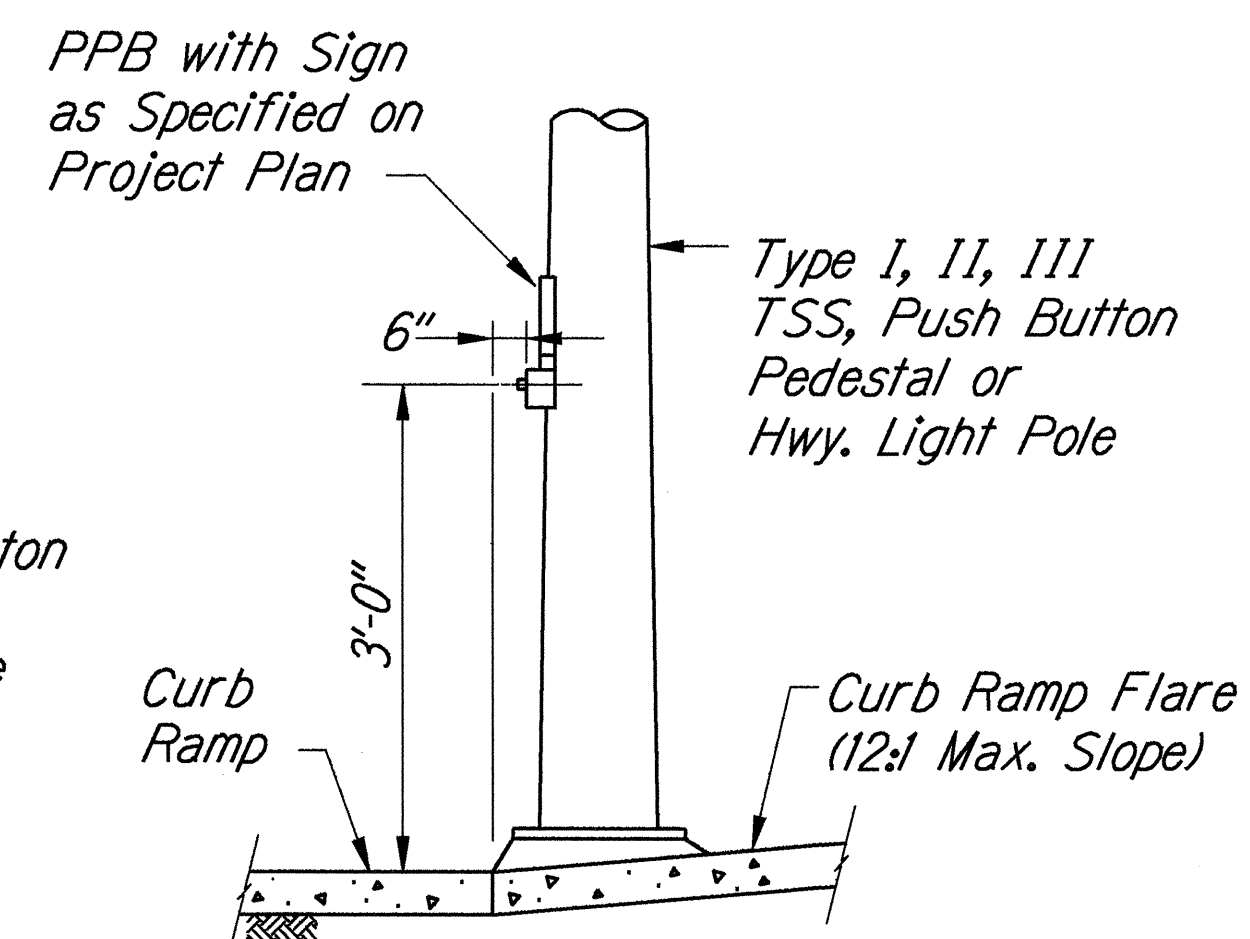
ELEVATION

CURB RAMP - TYPE "B" MODIFIED

SIDEWALK WIDTH 7'-0" OR GREATER
BUT LESS THAN 10'-0" WIDTH



TYPICAL SECTION



DETAIL "C"

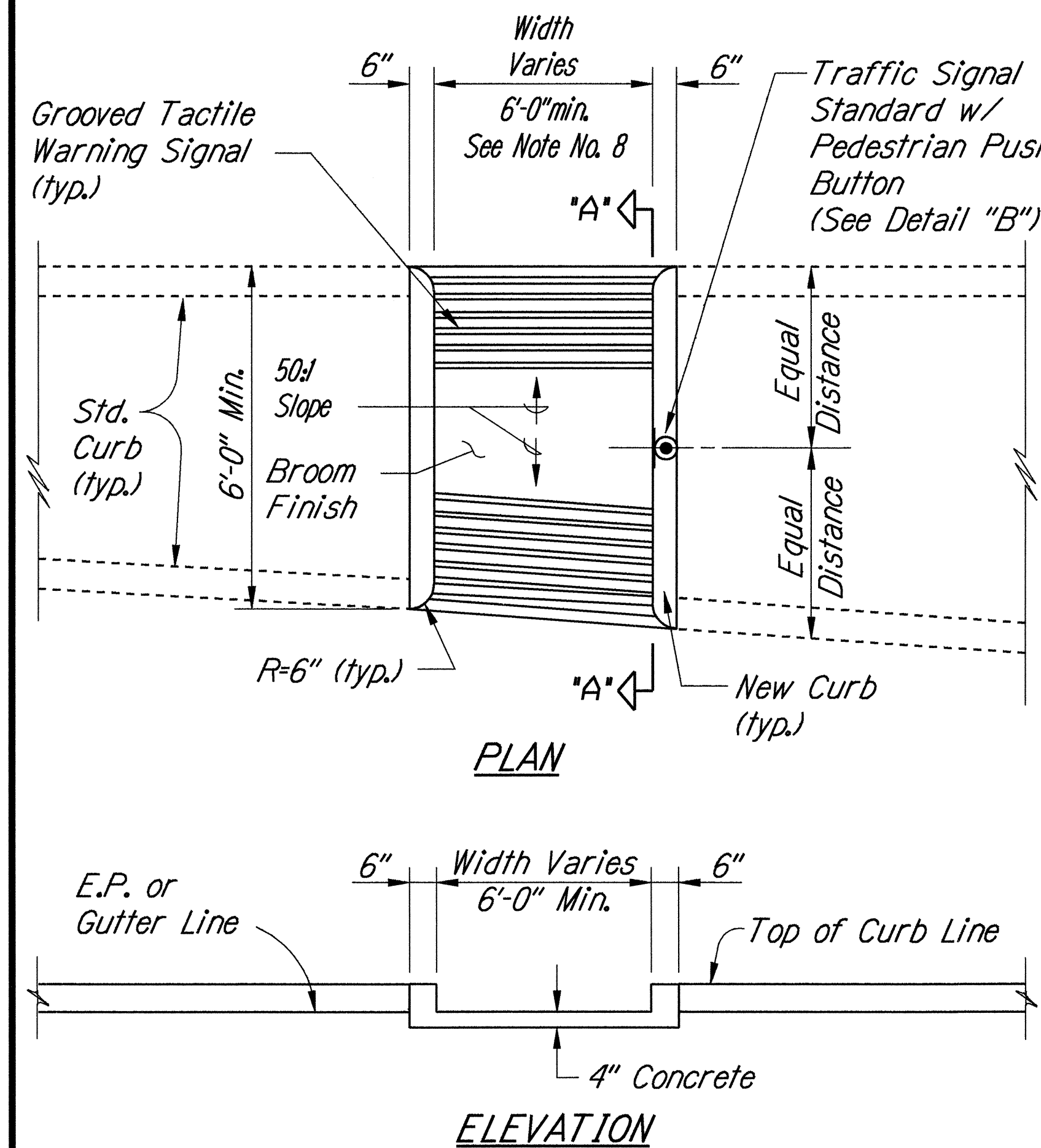
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CURB RAMP DETAIL
PUUPEELUA AVENUE RESURFACING
Maunaloa Highway to Farrington Avenue
And
FARRINGTON AVENUE RESURFACING
Puupeelua Avenue to Kalae Highway
Federal - Aid Project No. STP - 0480(2)

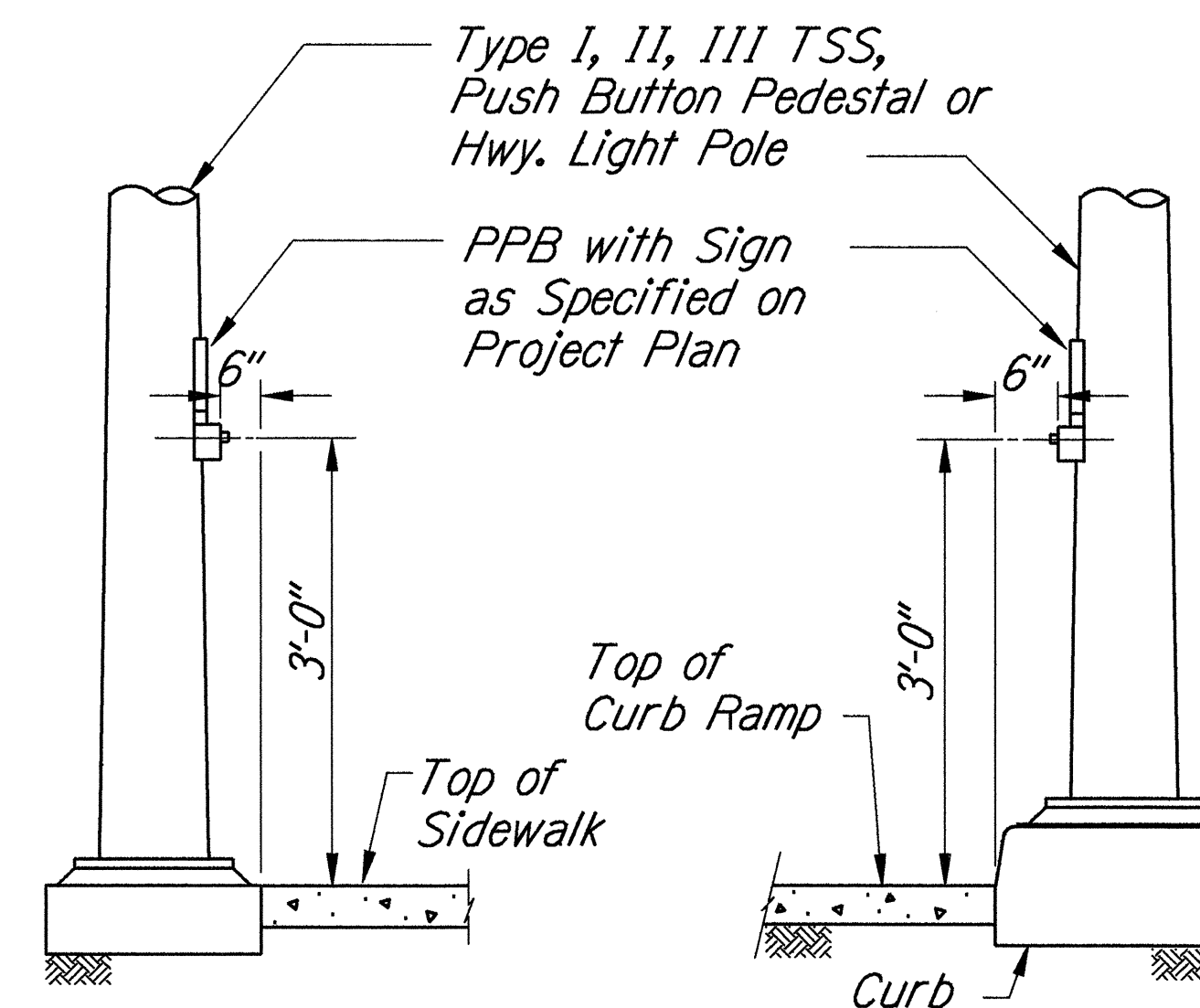
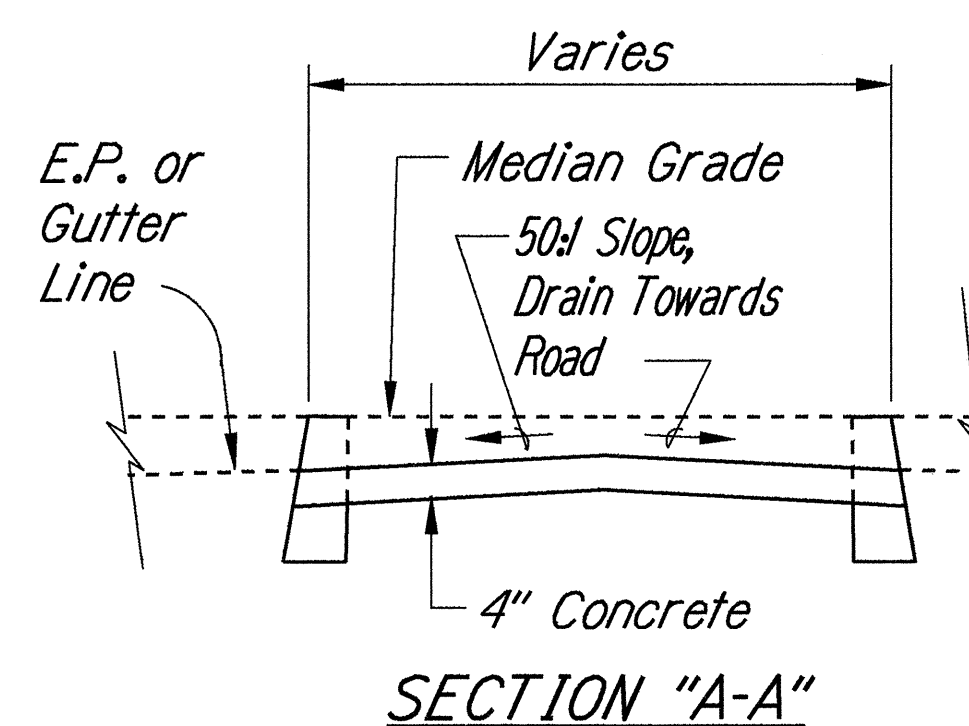
Scale: Not To Scale Date: March 1998

SHEET No. 3 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL - AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP - 0480(2)	1998	9	43

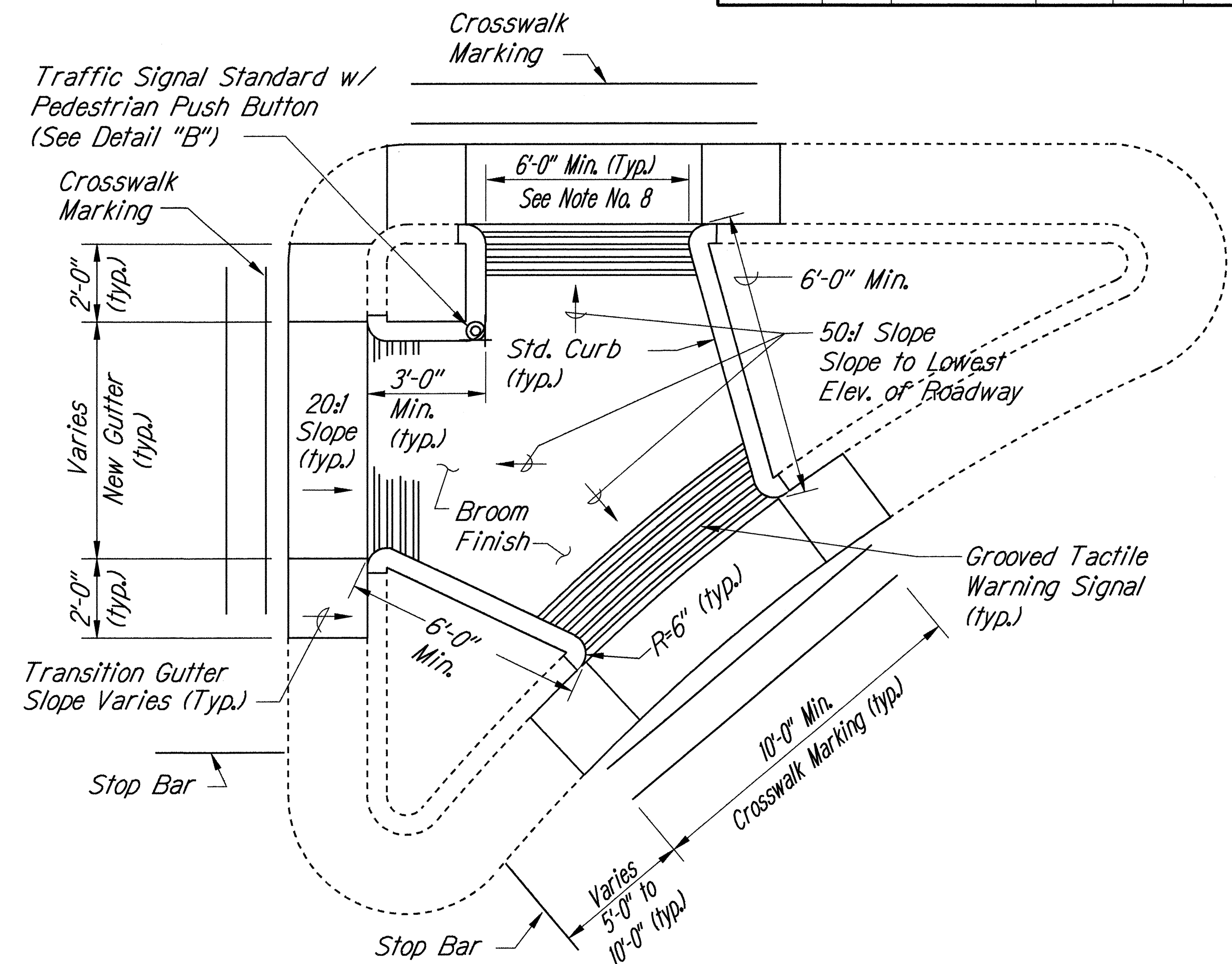


CURB RAMP - TYPE "C"
USE AT MEDIAN CROSSINGS, ISLANDS

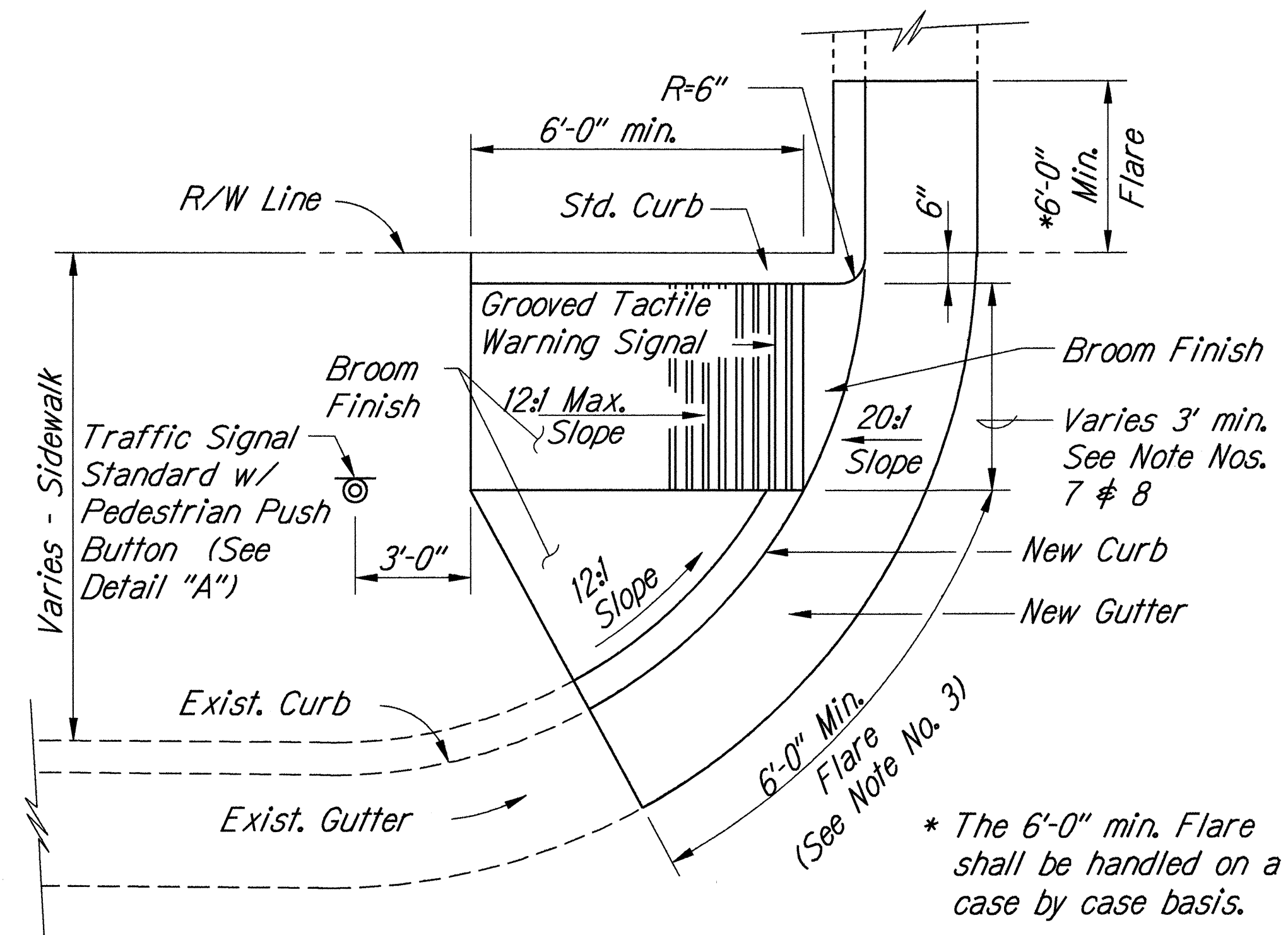


DETAIL "A"

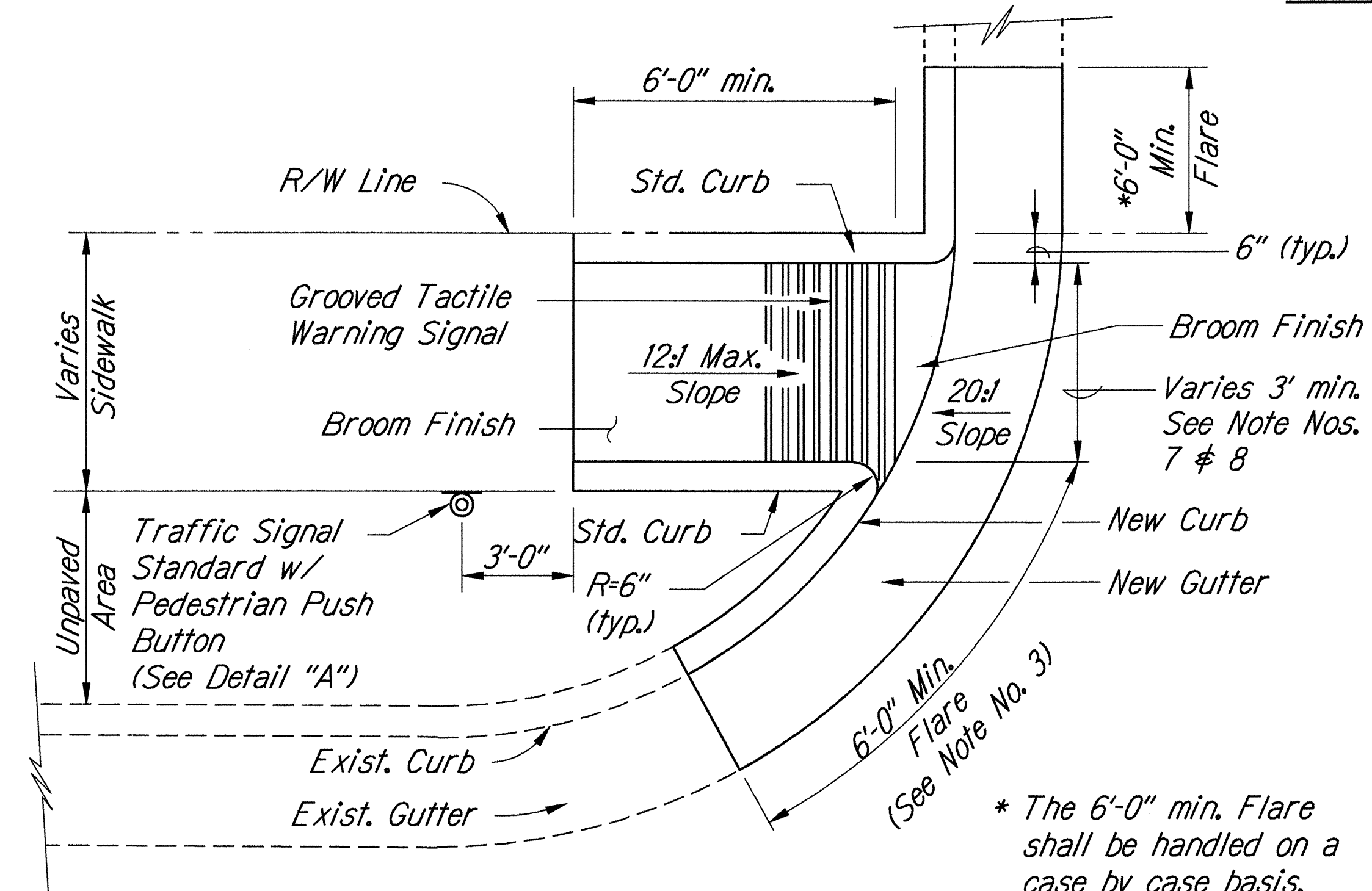
DETAIL "B"



CURB RAMP - TYPE "C" MODIFIED



CURB RAMP - TYPE "D"



CURB RAMP - TYPE "D" MODIFIED

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NOTE BOOK	
NO.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CURB RAMP DETAIL

PUPPEELUA AVENUE RESURFACING
Maunaloa Highway to Farrington Avenue
And
FARRINGTON AVENUE RESURFACING
Puppeelua Avenue to Kalae Highway
Federal - Aid Project No. STP - 0480(2)

Scale: Not To Scale Date: March 1998

SHEET No. 4 OF 4 SHEETS