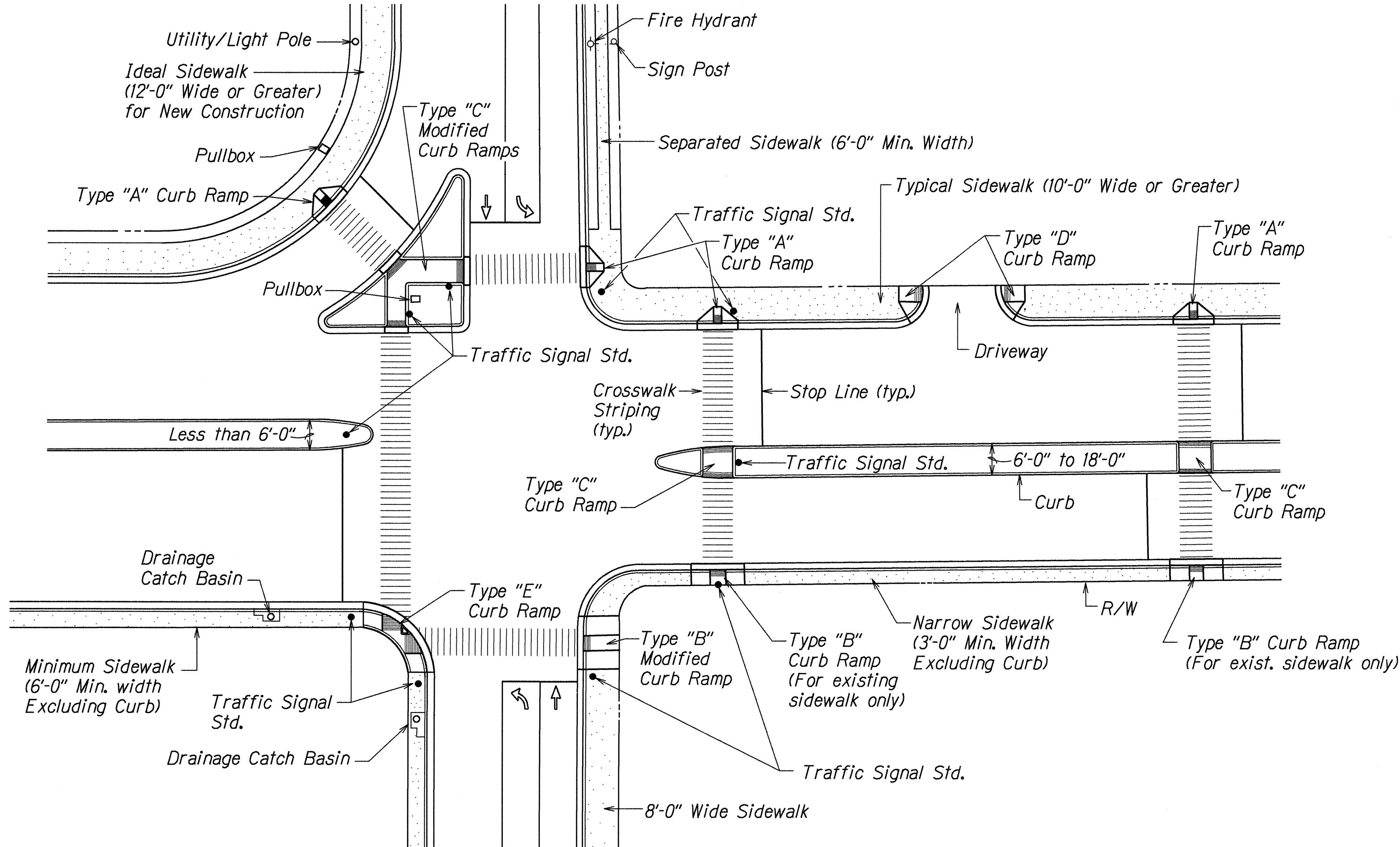
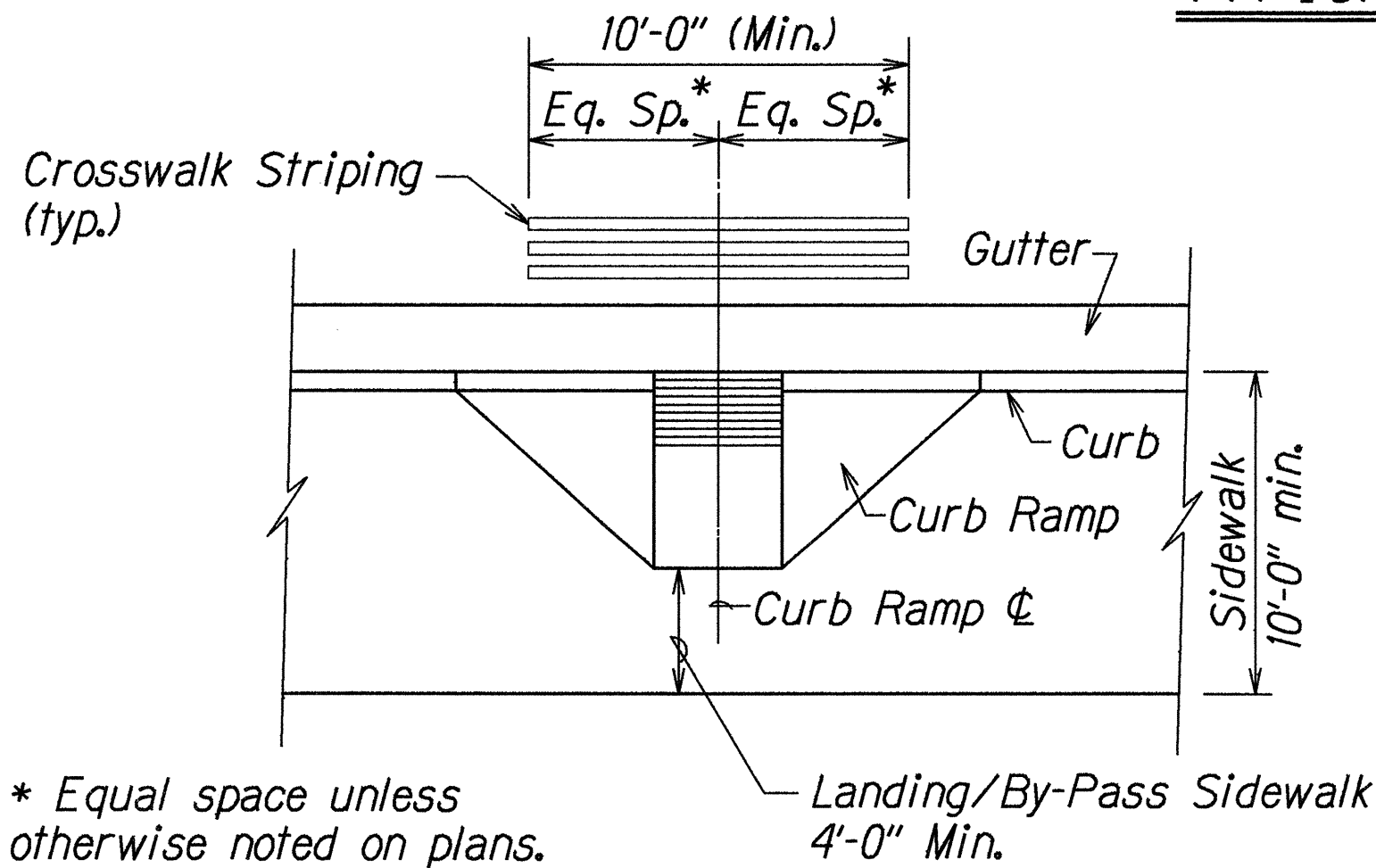


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(21)	1999	5	17



TYPICAL CURB RAMPS



* Equal space unless otherwise noted on plans.

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, existing 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. The 3'-0" min. width shall be verified by the contractor.
- 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.
- 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
DRAWN BY	
TRACED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

R 5-1-98 TE-68 Sht. 1 of 5

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CURB RAMP DETAILS

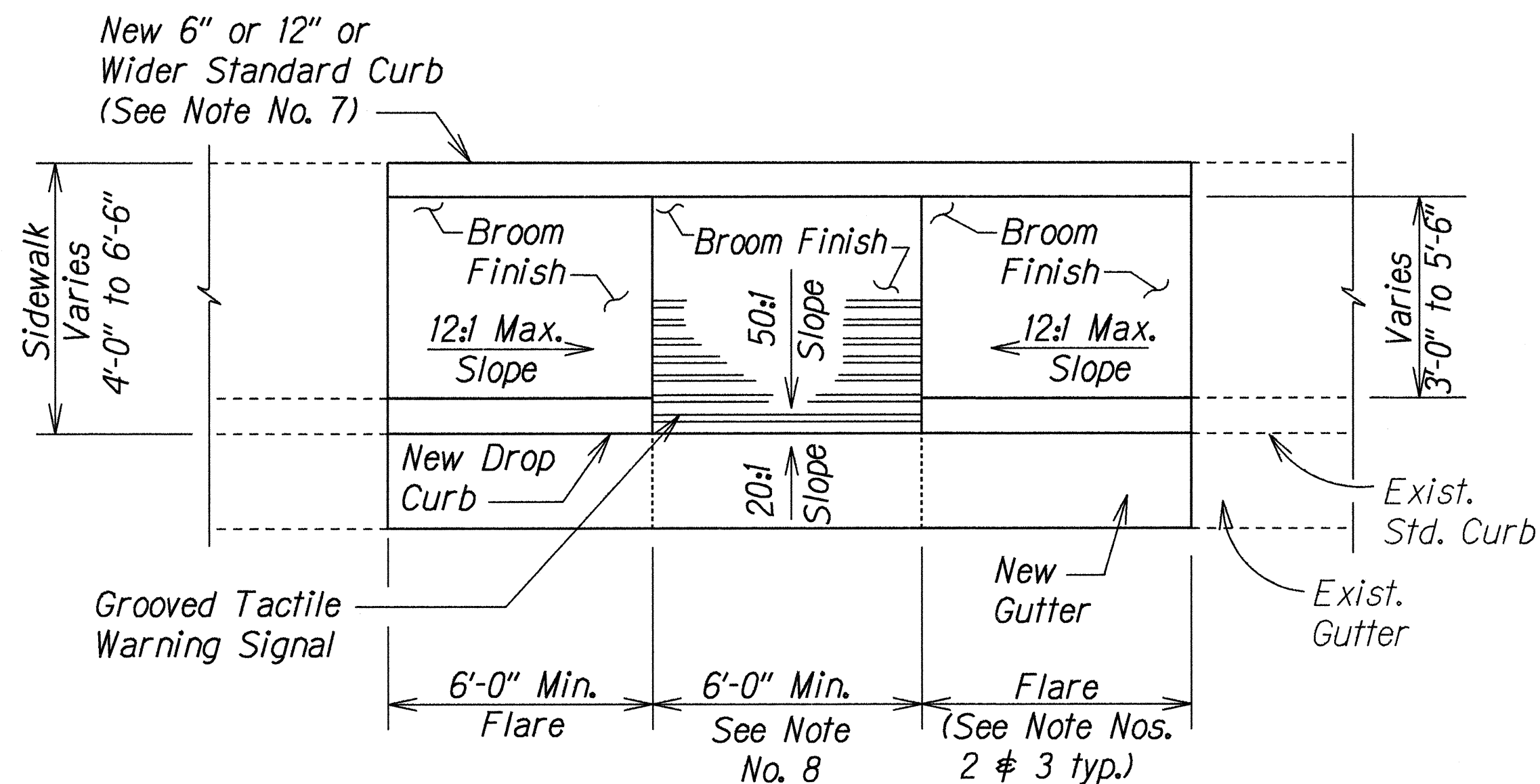
Kaunualii Highway Pedestrian Accessible Route Improvements, Waimea Town

Fed. Aid Project No. STP-050-1(21)

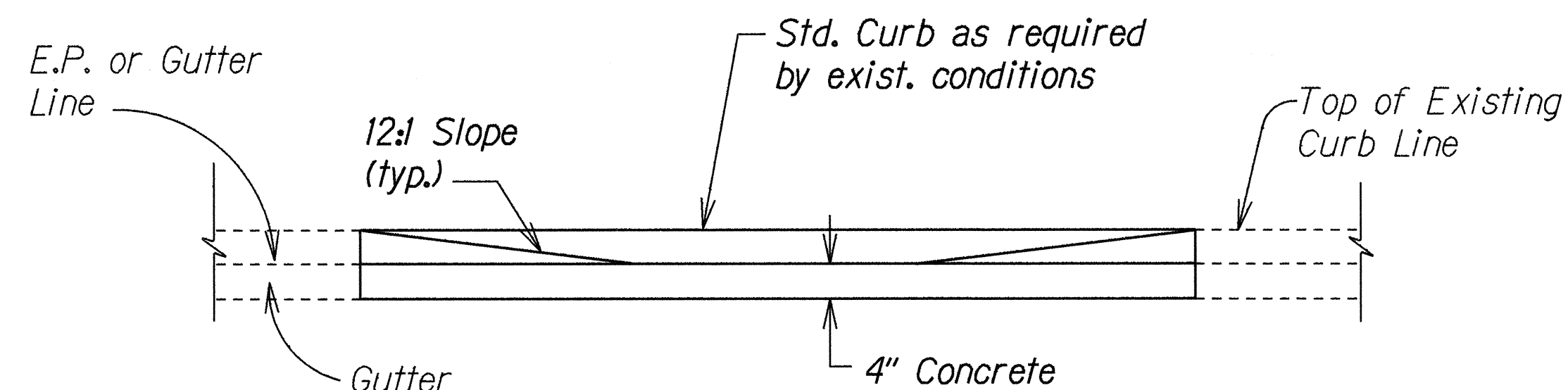
Not to Scale Date: May, 1998

SHEET No. 1 OF 9 SHEETS

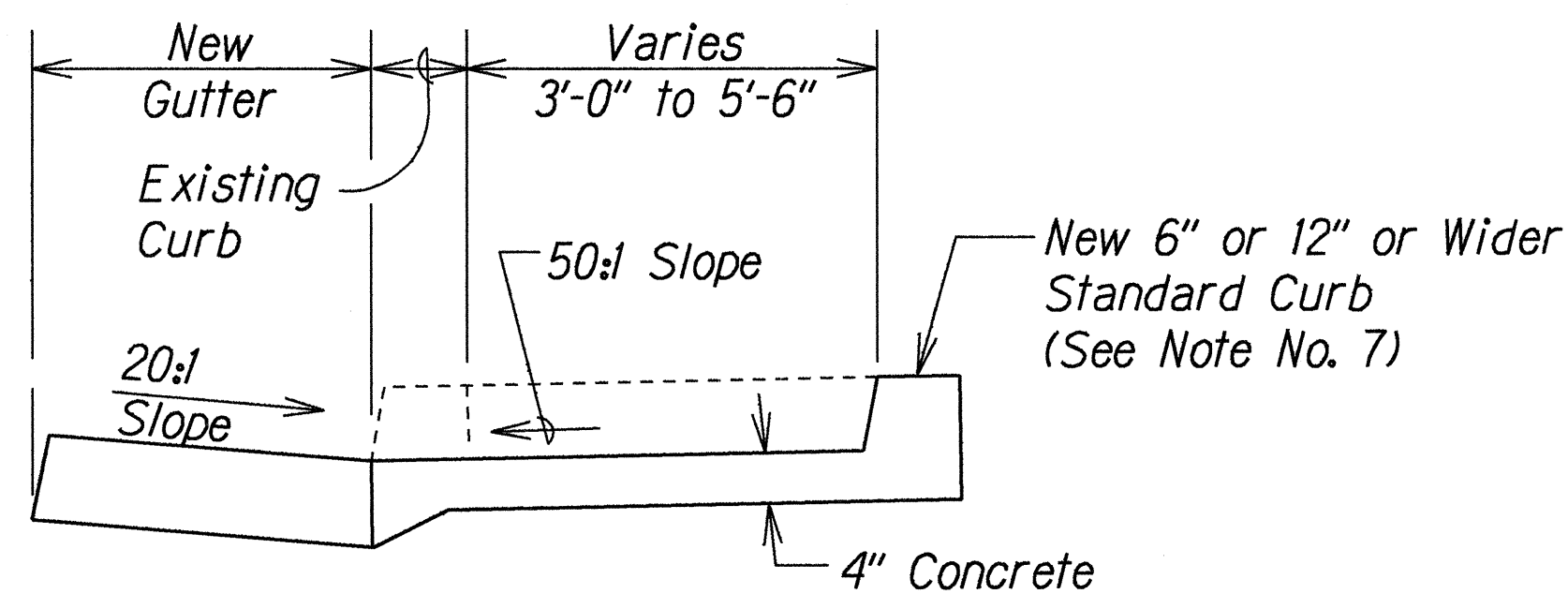
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(21)	1999	7	17



PLAN

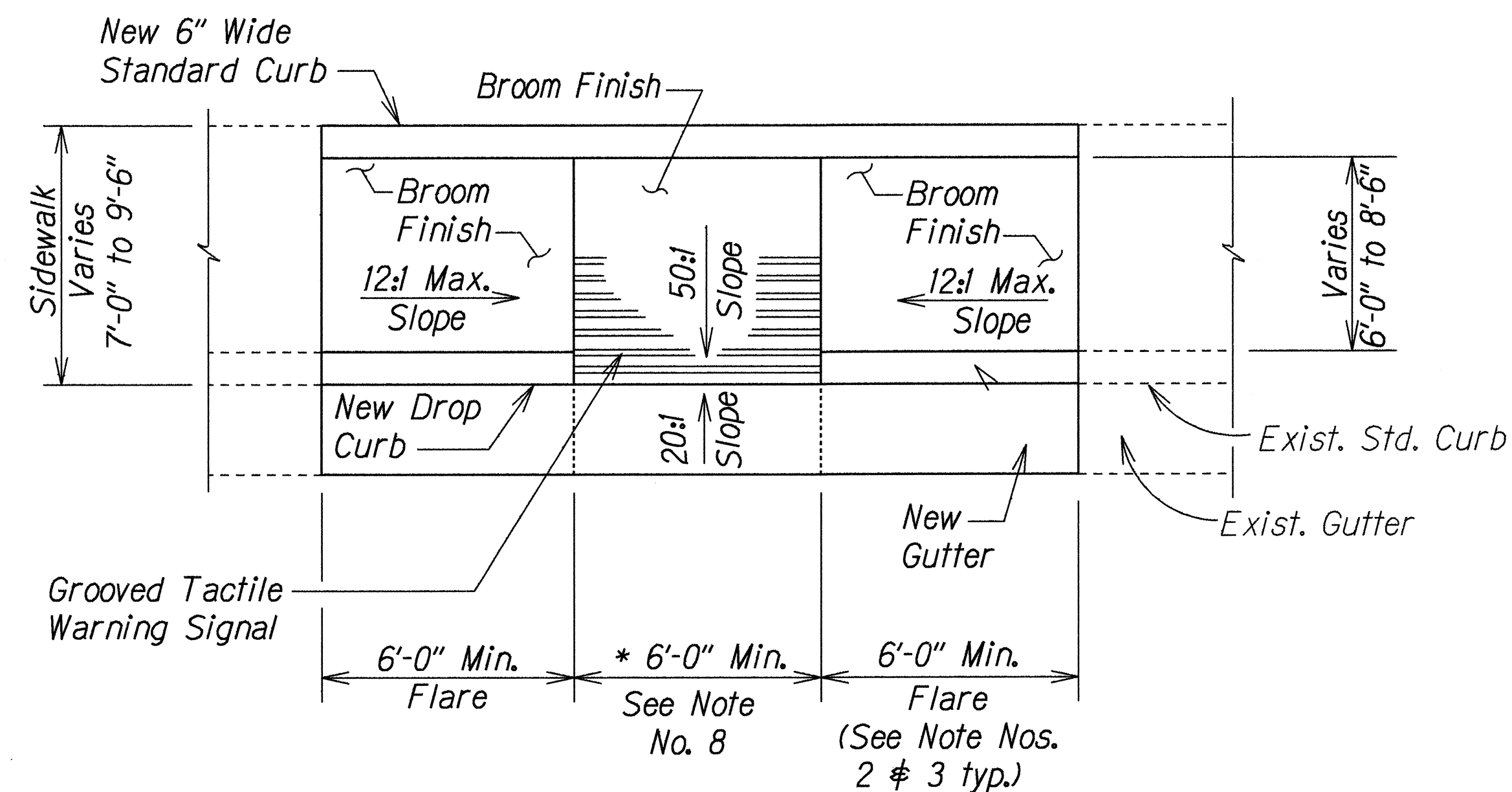


ELEVATION

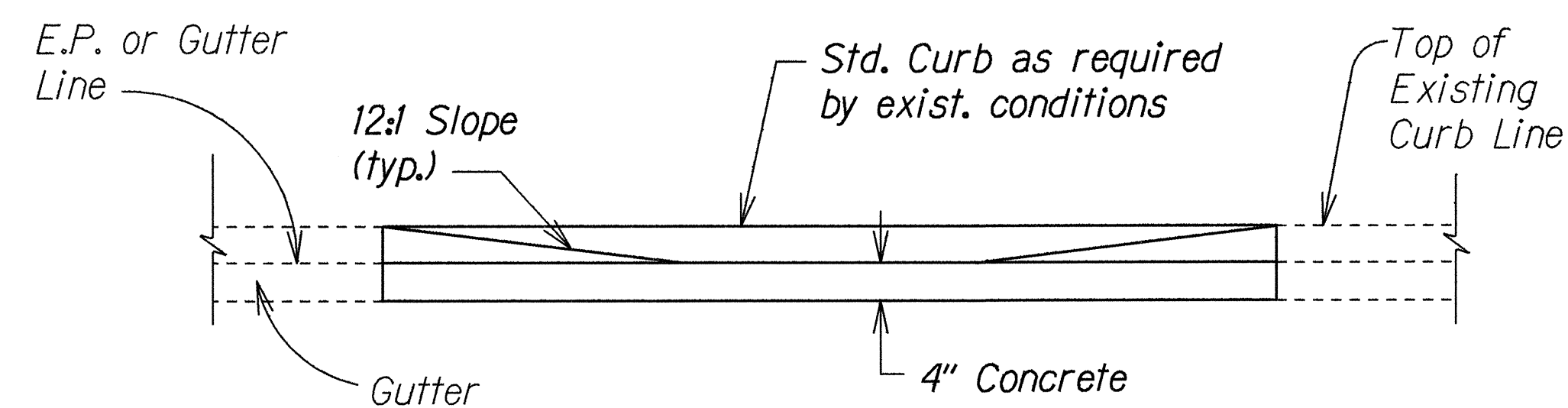


TYPICAL SECTION

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

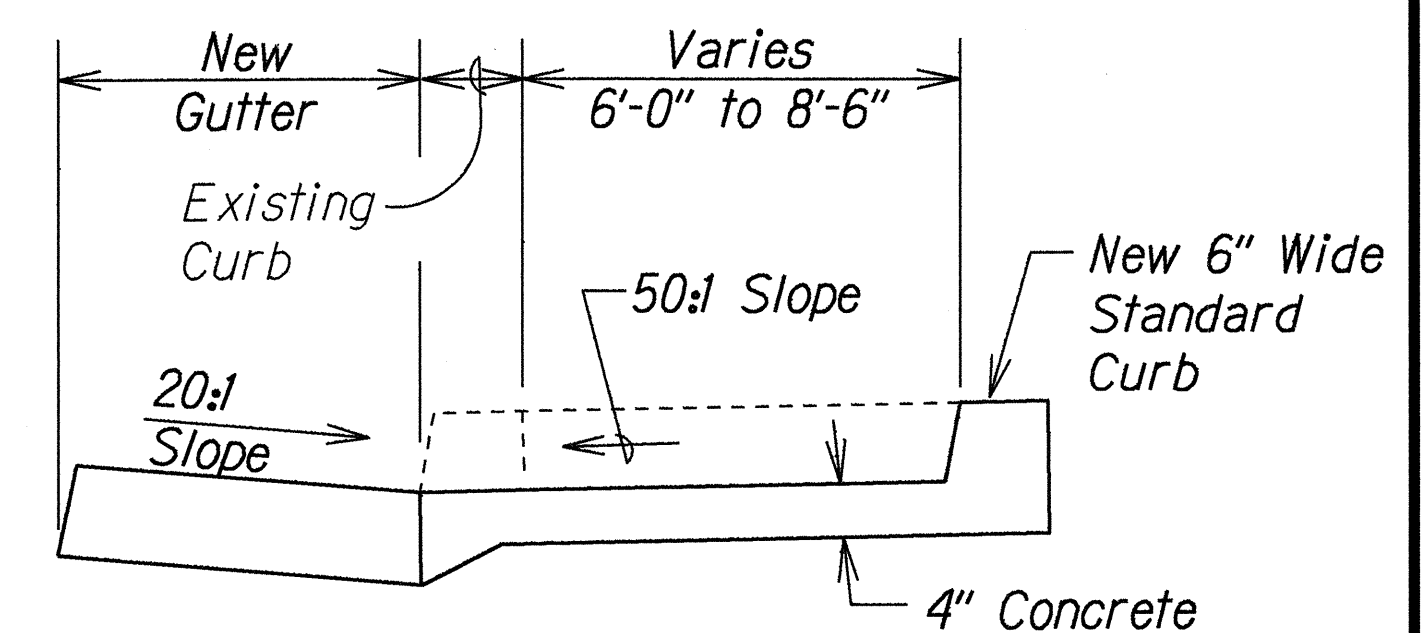


PLAN



ELEVATION

CURB RAMP - TYPE "B" MODIFIED
SIDEWALK WIDTH 7'-0" OR GREATER
BUT LESS THAN 10'-0" WIDTH



TYPICAL SECTION

ORIGINAL PLAN	DATE	BY
SURVEY PLOTTED BY		
DRAWN BY		
NOTED BY		
CHECKED BY		
DESIGNED BY		
IN CHARGE		

R 5-1-98 TE-69 sht. 3 of 5

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CURB RAMP DETAILS
Kaunualii Highway Pedestrian
Accessible Route Improvements,
Waimea Town
Fed. Aid Project No. STP-050-1(21)

Not to Scale Date: June, 1998

SHEET No. 3 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(21)	1999	8	17

ORIGINAL PLAN

DATE: 2-1999

SURVEY PLOTTED BY: X

DRAWN BY: X

DESIGNED BY: X

CHECKED BY: X

TRACED BY: X

DATE: 2-1999

DESIGNED BY: X

CHECKED BY: X

TRACED BY: X

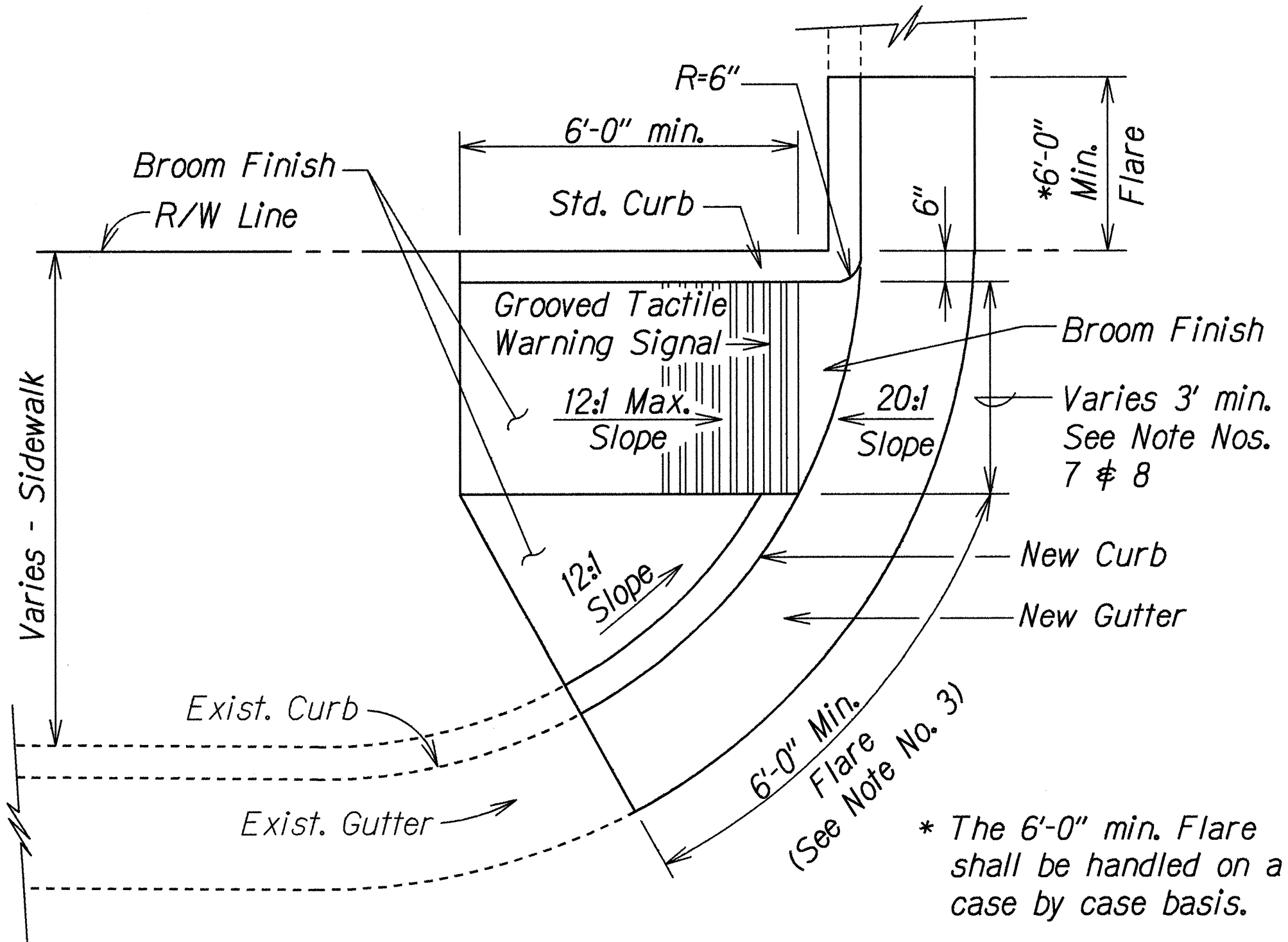
DATE: 2-1999

kel/bkm

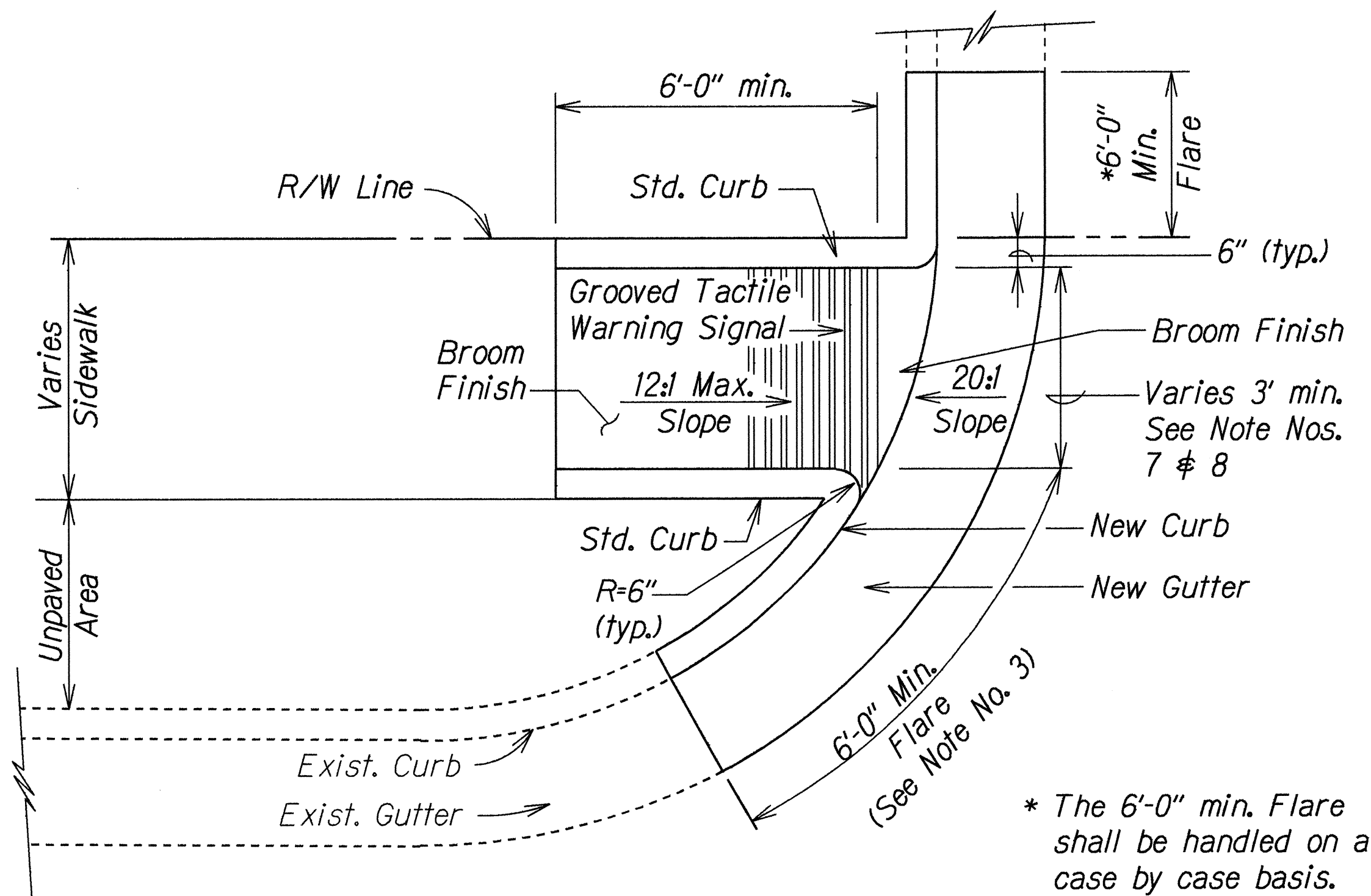
1/2/99

TE-69

SH. 4 of 5



CURB RAMP - TYPE "D"



CURB RAMP - TYPE "D" MODIFIED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CURB RAMP DETAILS

Kaunualii Highway Pedestrian Accessible Route Improvements

Waimea Town

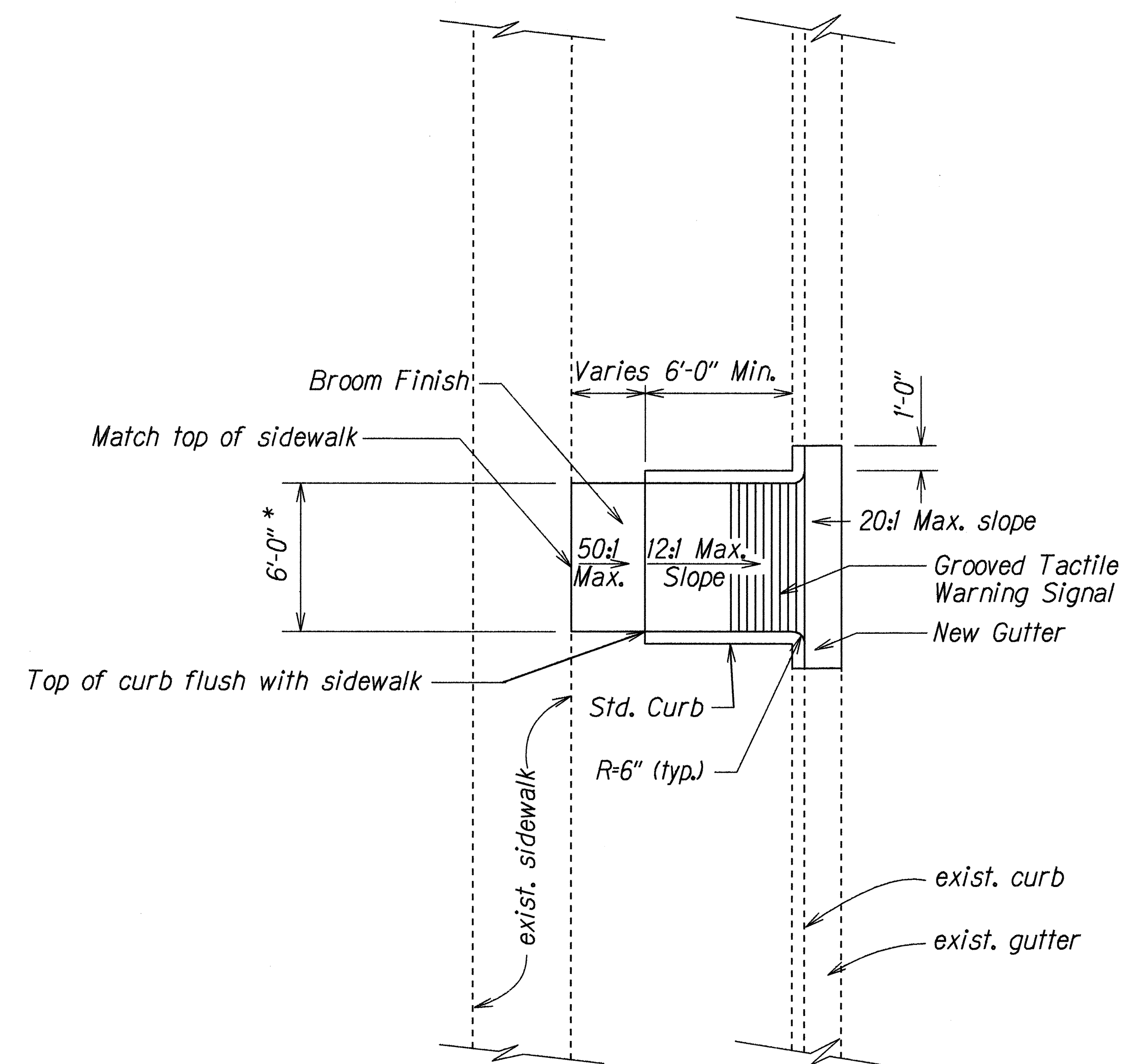
Fed. Aid Project No. STP-050-1(21)

Not to Scale

Date: June, 1998

SHEET No. 4 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(21)	1999	9	17



* Note: 6' unless otherwise noted on plans.

CURB RAMP - TYPE "F"

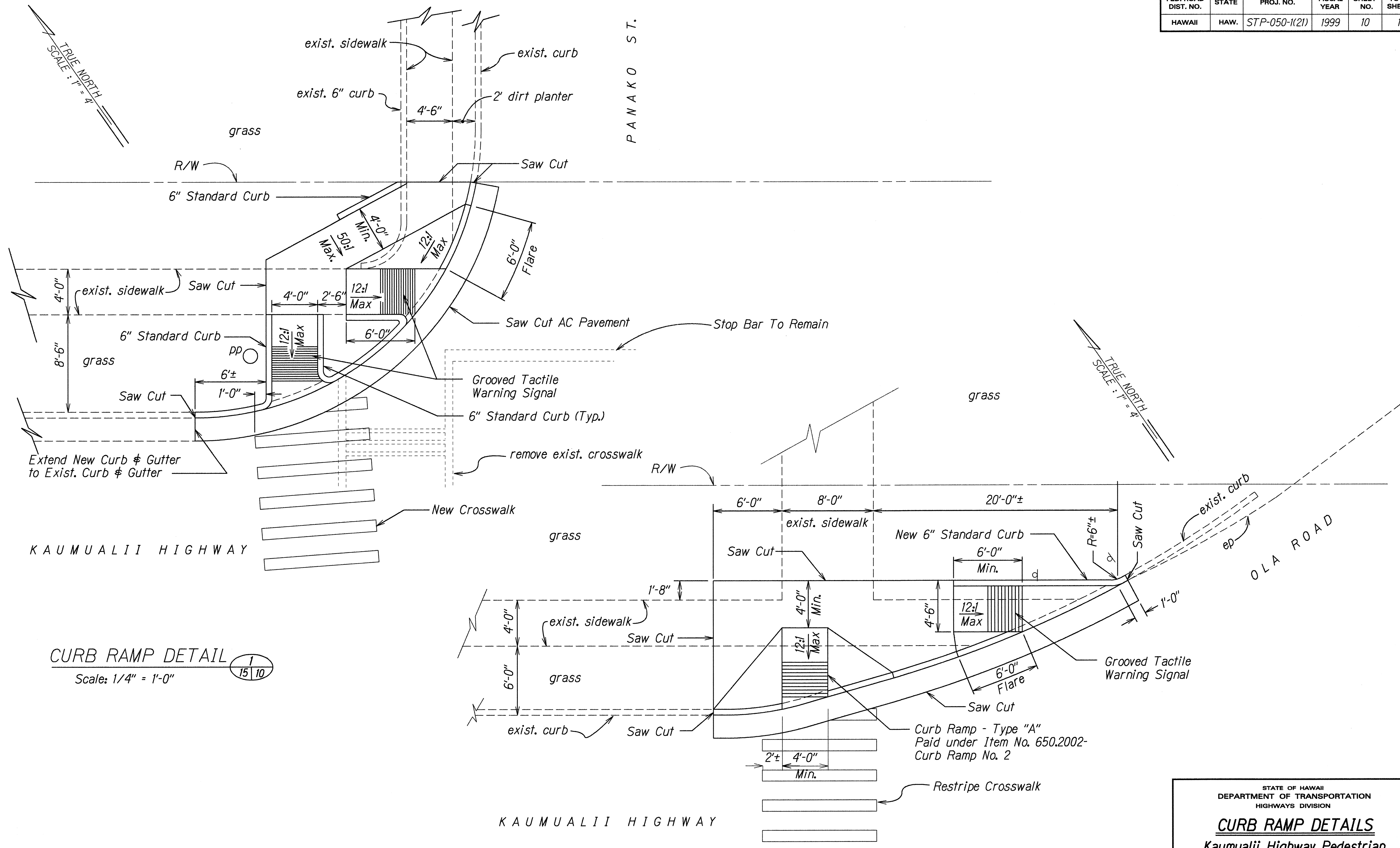
Scale: 1/4"=1'-0"

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
Red Jim	Checked by	
bkmukms01.dgn	QUANTITIES BY	
	CHECKED BY	

Tue Jun 2 1998
bkmukms01.dgn

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
<u>CURB RAMP DETAILS</u>	
<u>Kaunualii Highway Pedestrian</u>	
<u>Accessible Route Improvements,</u>	
<u>Waimea Town</u>	
<u>Fed. Aid Project No. STP-050-1(21)</u>	
Scale: As Shown	Date: June, 1998
SHEET No. 5 OF 9 SHEETS	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(21)	1999	10	17



CURB RAMP DETAIL 1
Scale: 1/4" = 1'-0"

CURB RAMP DETAIL 2
Scale: 1/4" = 1'-0"

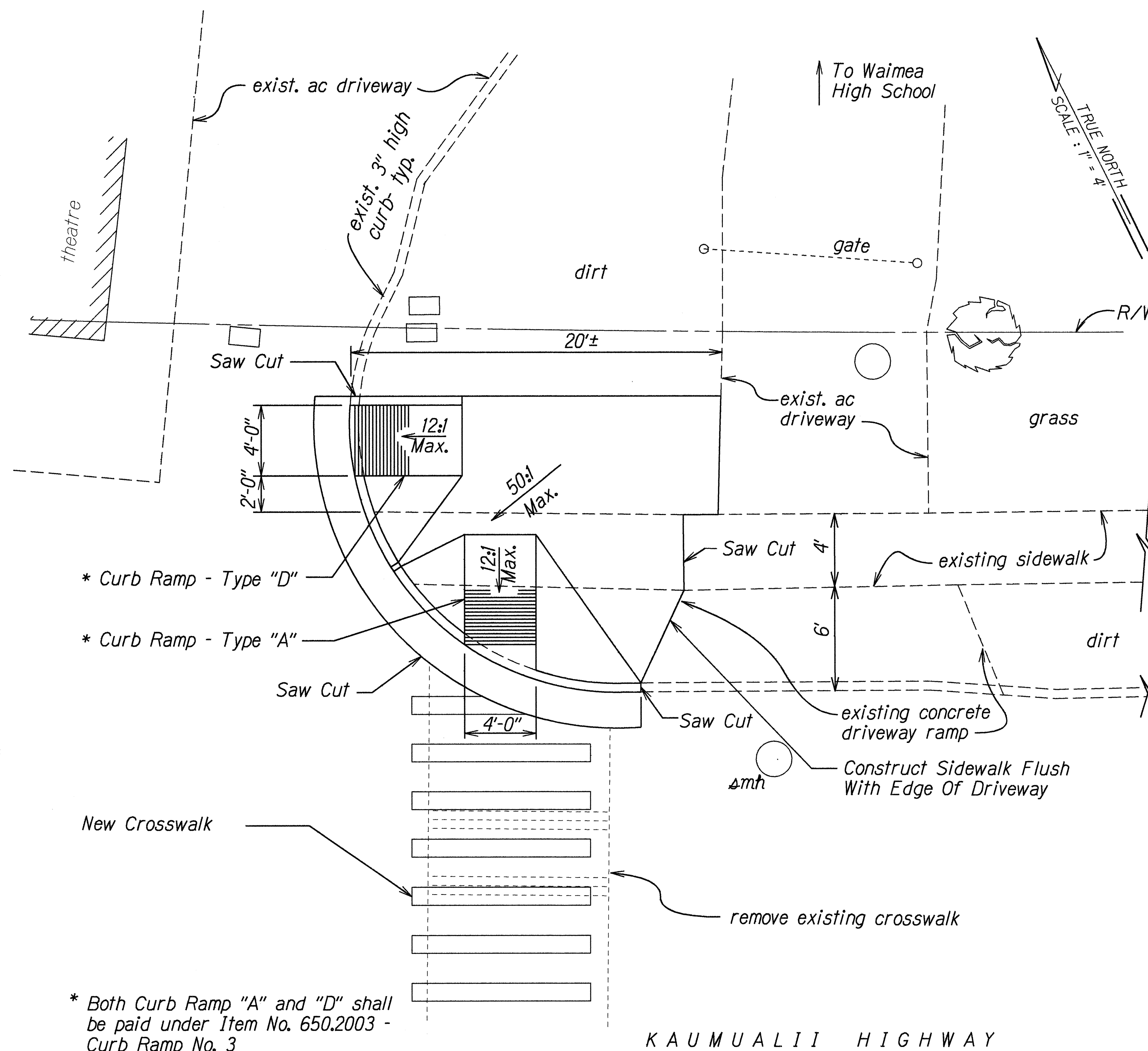
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CURB RAMP DETAILS
Kaumualii Highway Pedestrian
Accessible Route Improvements,
Waimea Town
Fed. Aid Project No. STP-050-1(21)
Scale: As Shown Date: June, 1998

SHEET No. 6 OF 9 SHEETS

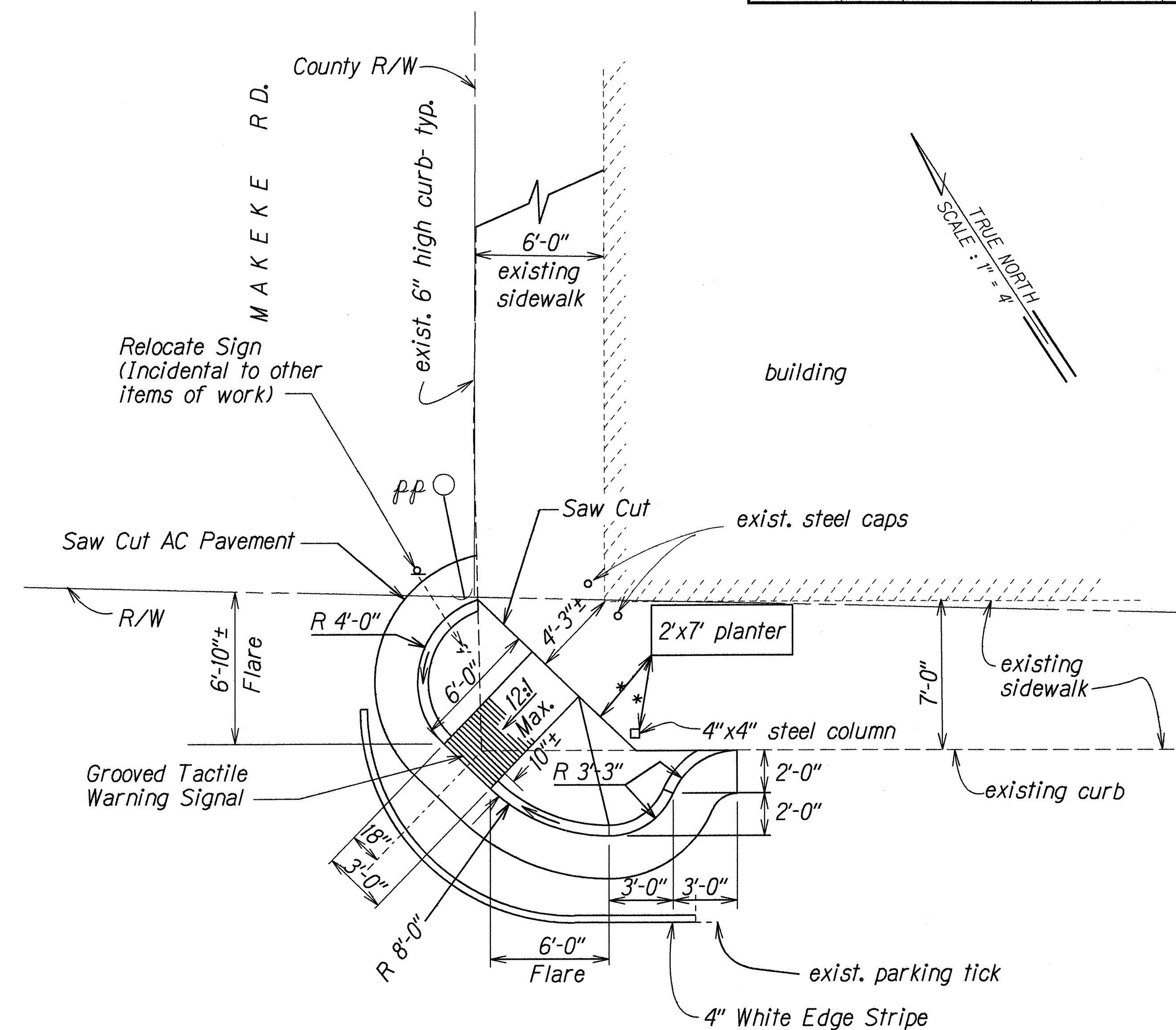
bkmukms03.dgn
 ORIGINAL PLAN
 SURVEY PLANNED BY: DATE: 9-26-97
 DRAWN BY: H. SCHMITZ
 DESIGNED BY: J. LUTHERICI
 QUANTITIES BY: bkmukms03.dgn
 CHECKED BY:

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(21)	1999	11	17



CURB RAMP DETAIL
Scale: 1"=4'

3
14 11



* 3'-0" Min. Move plastic planter box if necessary to maintain clearance.
(Incidental to other items of work.)

CURB RAMP DETAIL
Scale: 1"=4'

4
14 11

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	4/1/98
DRAWN BY	J. Hurlbut
DESIGNED BY	J. Hurlbut
CHECKED BY	J. Hurlbut
APPROVED BY	J. Hurlbut

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CURB RAMP DETAILS

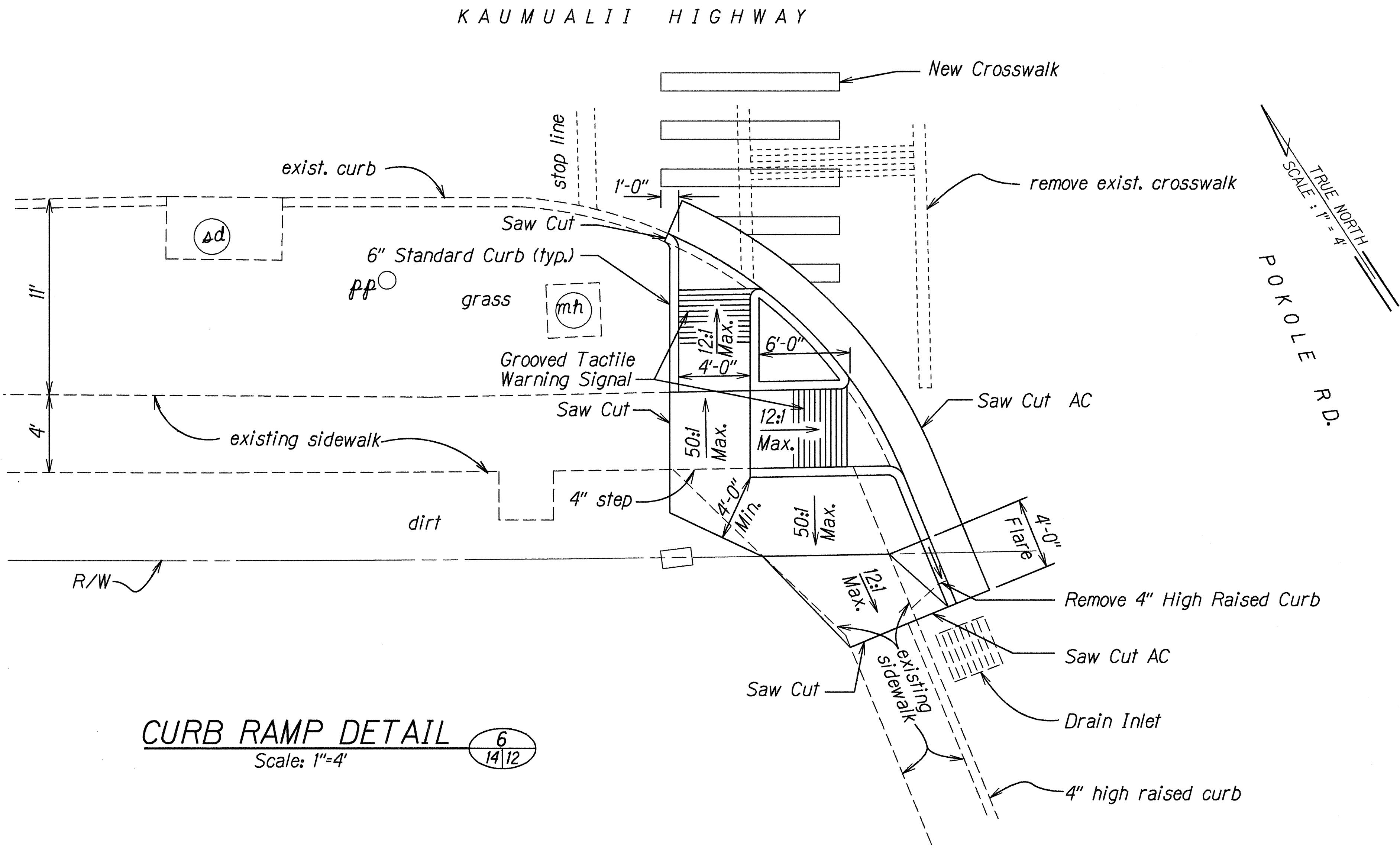
Kaumualii Highway Pedestrian Accessible Route Improvements, Waimea Town

Fed. Aid Project No. STP-050-1(21)

Scale: As Shown Date: June, 1998

SHEET No. 7 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(21)	1999	12	17



CURB RAMP DETAIL
 Scale: 1"=4' 6
14/12

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOV 10 1998	DRAWN BY J. Hurlbut	3/98
NOV 10 1998	TRACED BY J. Hurlbut	
NOV 10 1998	CHECKED BY J. Hurlbut	
NOV 10 1998	DESIGNED BY J. Hurlbut	
NOV 10 1998	QUANTITIES BY J. Hurlbut	
NOV 10 1998	CHECKED BY J. Hurlbut	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CURB RAMP DETAILS
*Kaumualii Highway Pedestrian
Accessible Route Improvements,
Waimea Town*
Fed. Aid Project No. STP-050-1(21)

Scale: As Shown
Date: June, 1998

SHEET No. 8 OF 9 SHEETS

bkmukms05.dgn

