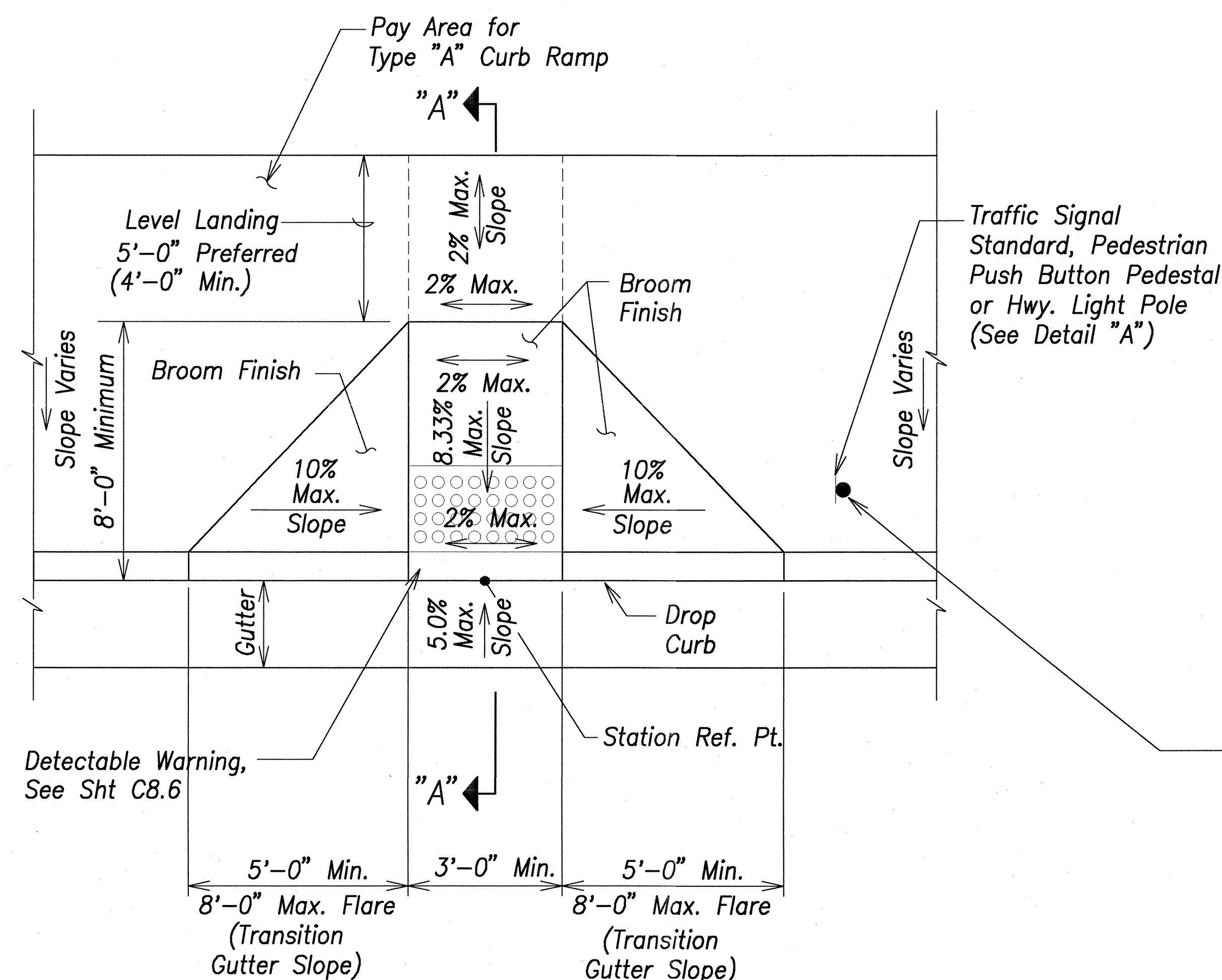
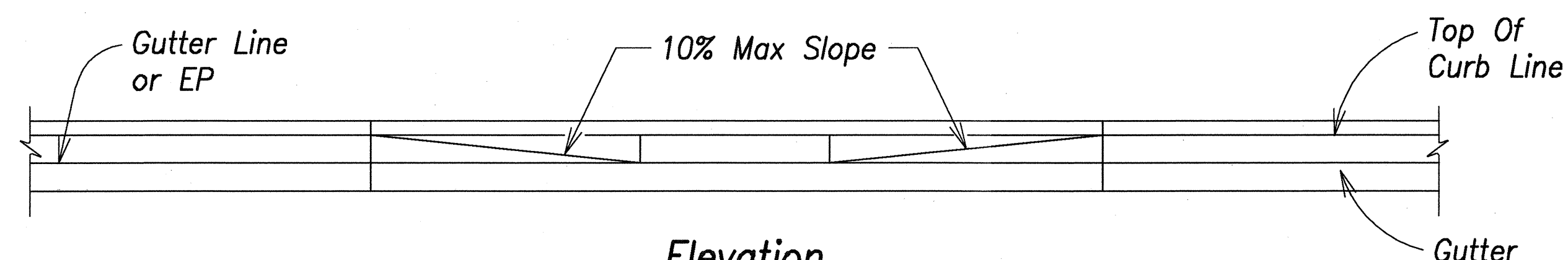


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-8930(2)	2007	109	331

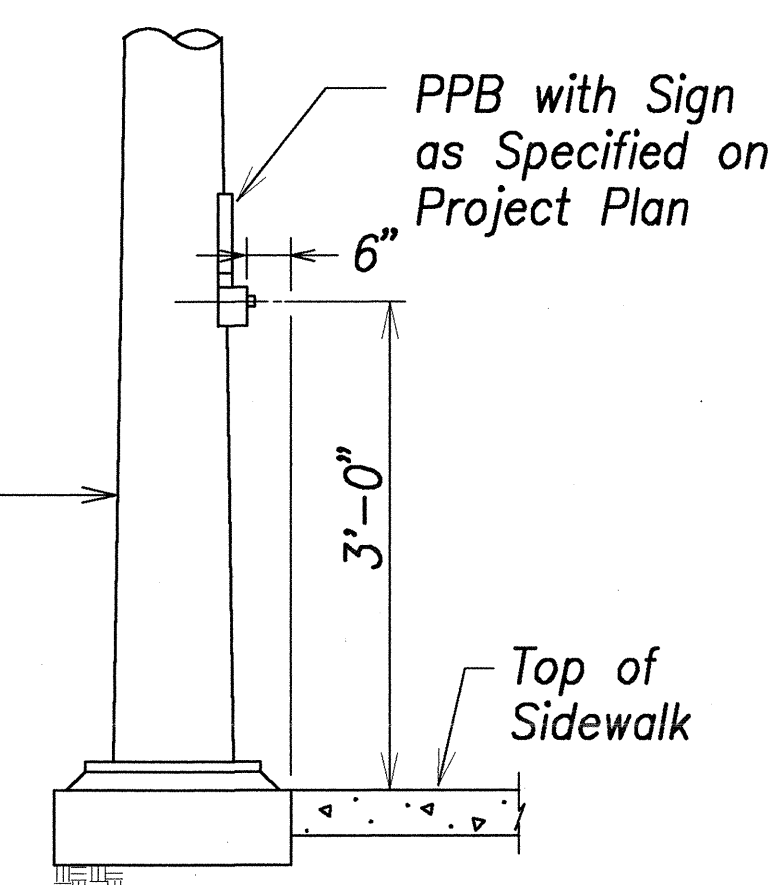
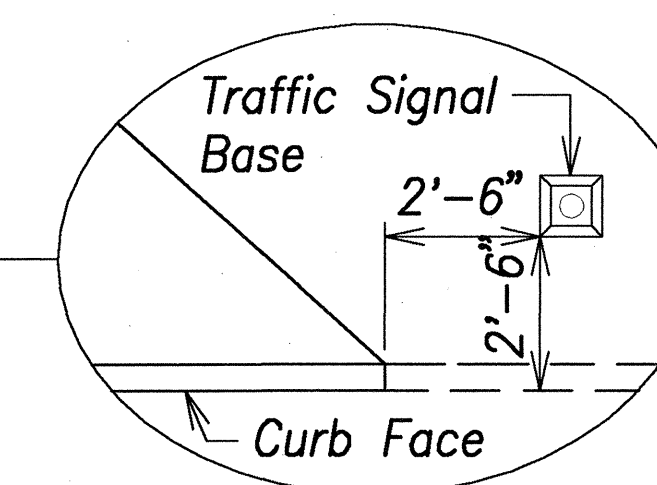


Plan

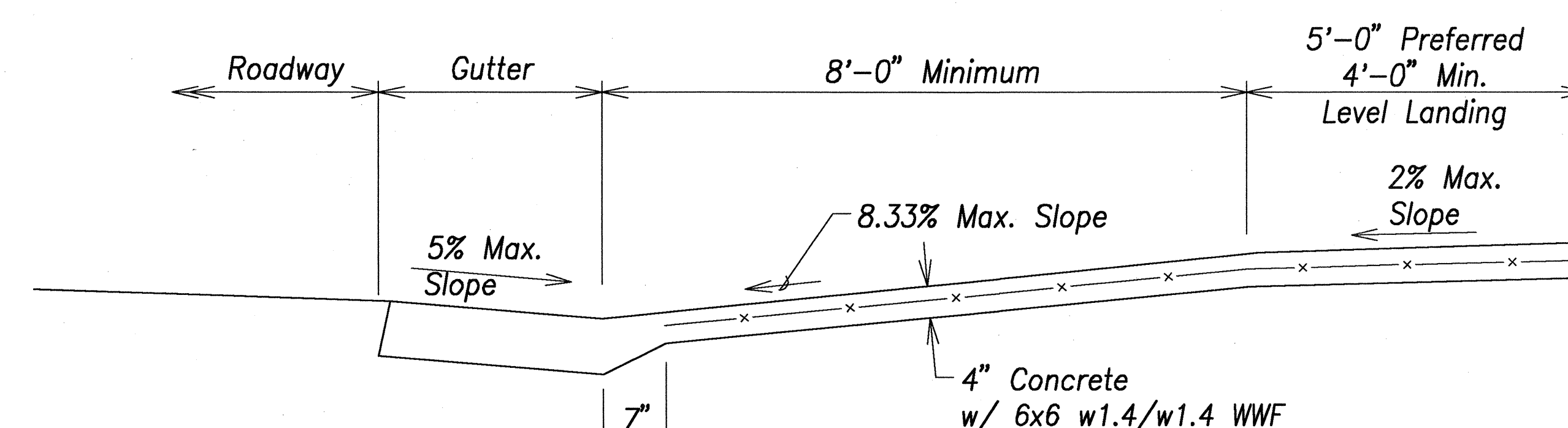


Elevation

Curb Ramp - Type "A"
Sidewalk Width 12'-0" Or Greater

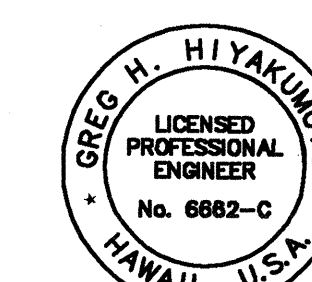


Detail "A"



Section "A-A"

DESIGNED BY	DATE
CHECKED BY	
NOTED BY	
QUANTITIES BY	
DESIGNED BY	
CHECKED BY	
DATE	



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION
DATE OF
LICENSE EXPIRY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

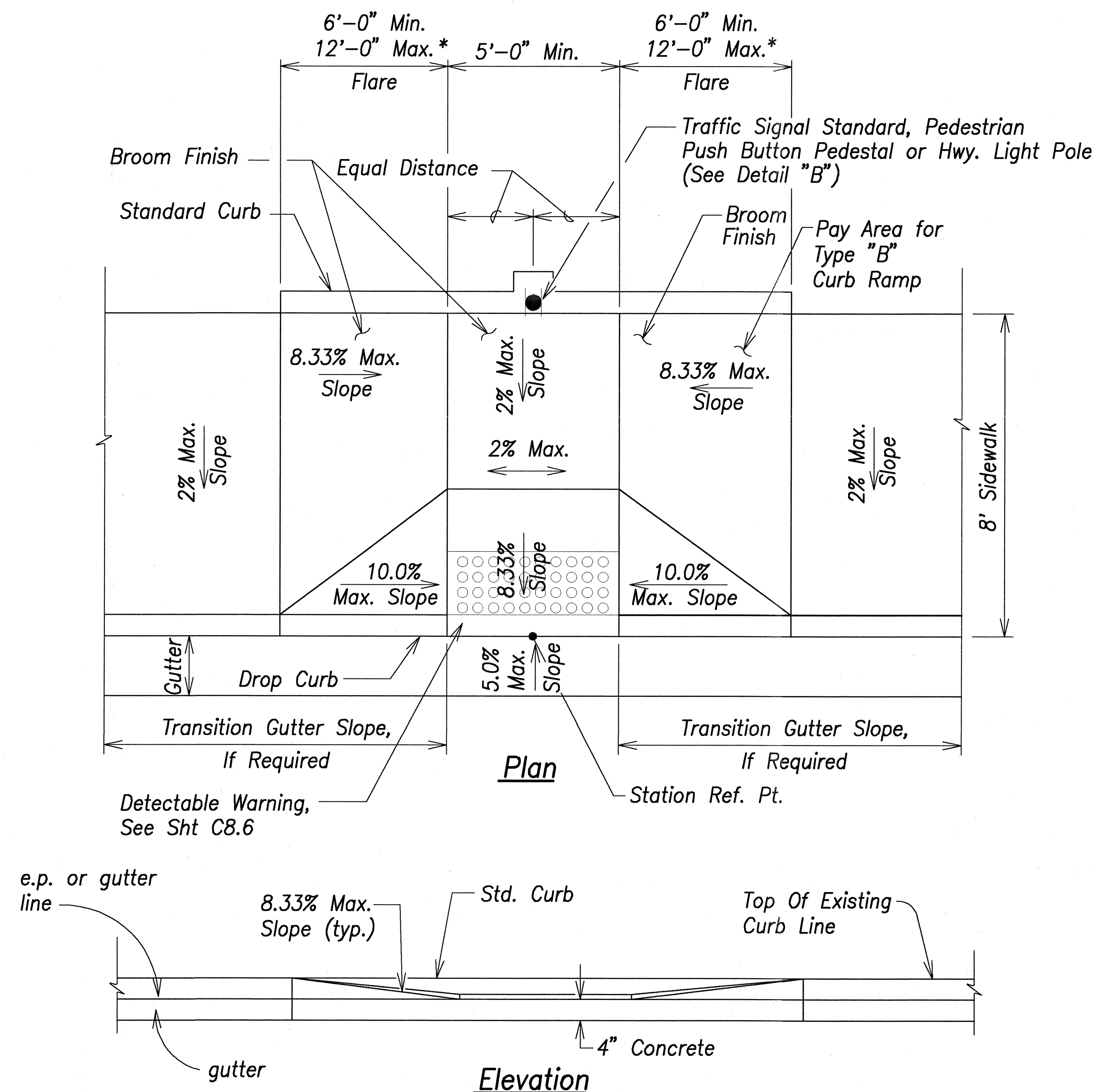
CURB RAMP DETAILS - 1

North-South Road
Phase 1B
F.A.I. Proj. No. STP-8930(2)

Scale: As Shown Date: Feb 21, 2007

SHEET No. C8.3 OF 150 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-8930(2)	2007	110	331

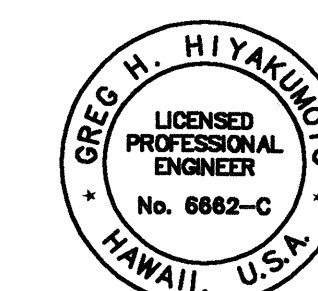
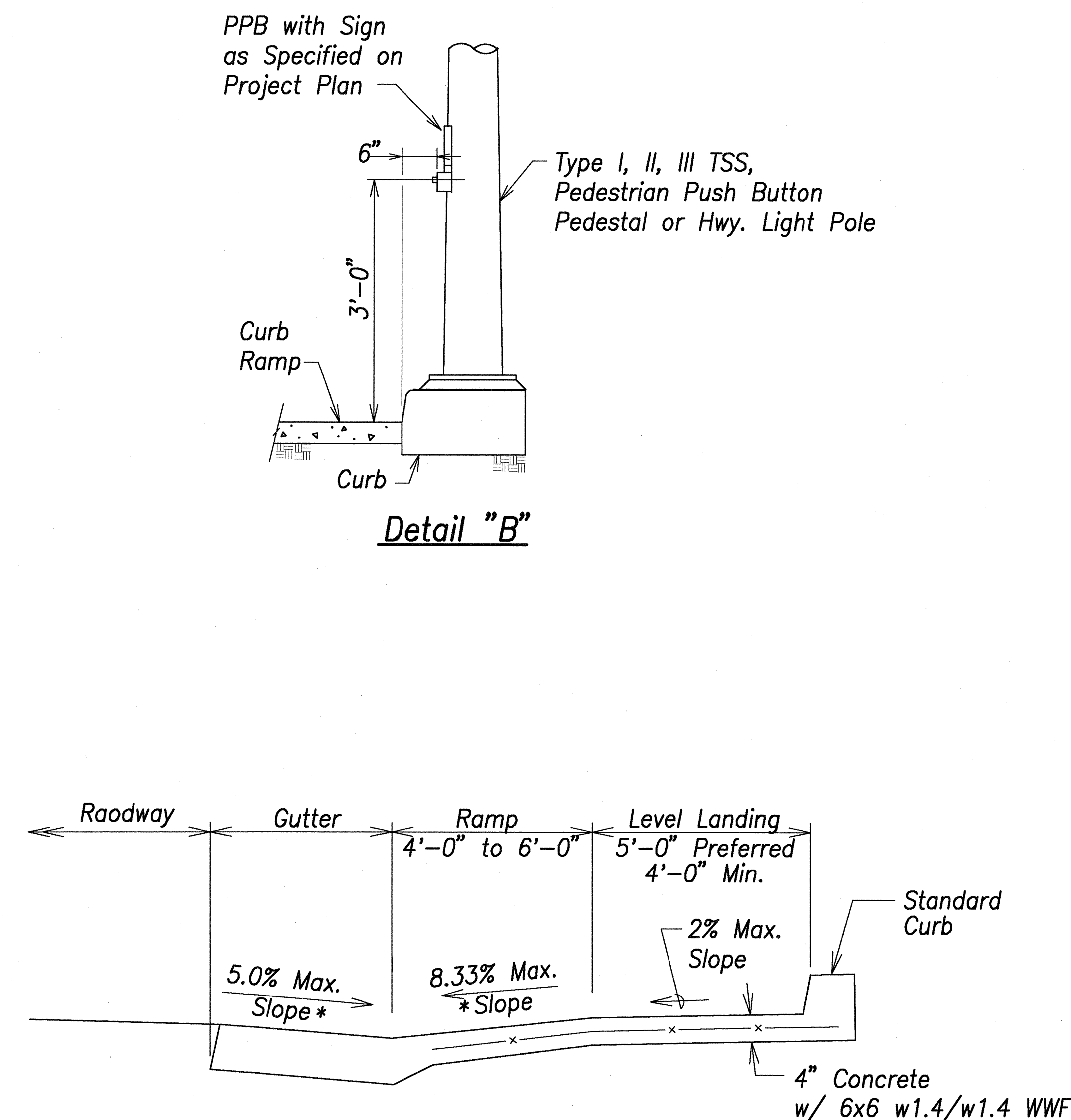


Typical Section

* The Slope Of The Ramp Shall Take Precedence Over The Length Of The Ramp. If The Maximum Slope Of A Ramp Cannot Be Met Within A Length Of 12 Feet, Then The Slope Of The Ramp Shall Be Set When The Length Of The Ramp Is Set At The Maximum Of 12 Feet.

Curb Ramp - Type "B" Modified (Truncated)

Sidewalk Width 6'-0" Or Greater
But Less Than 12'-0" Width



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SIGNATURE APR. 30, 2008
DATE OF
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CURB RAMP DETAILS - 2

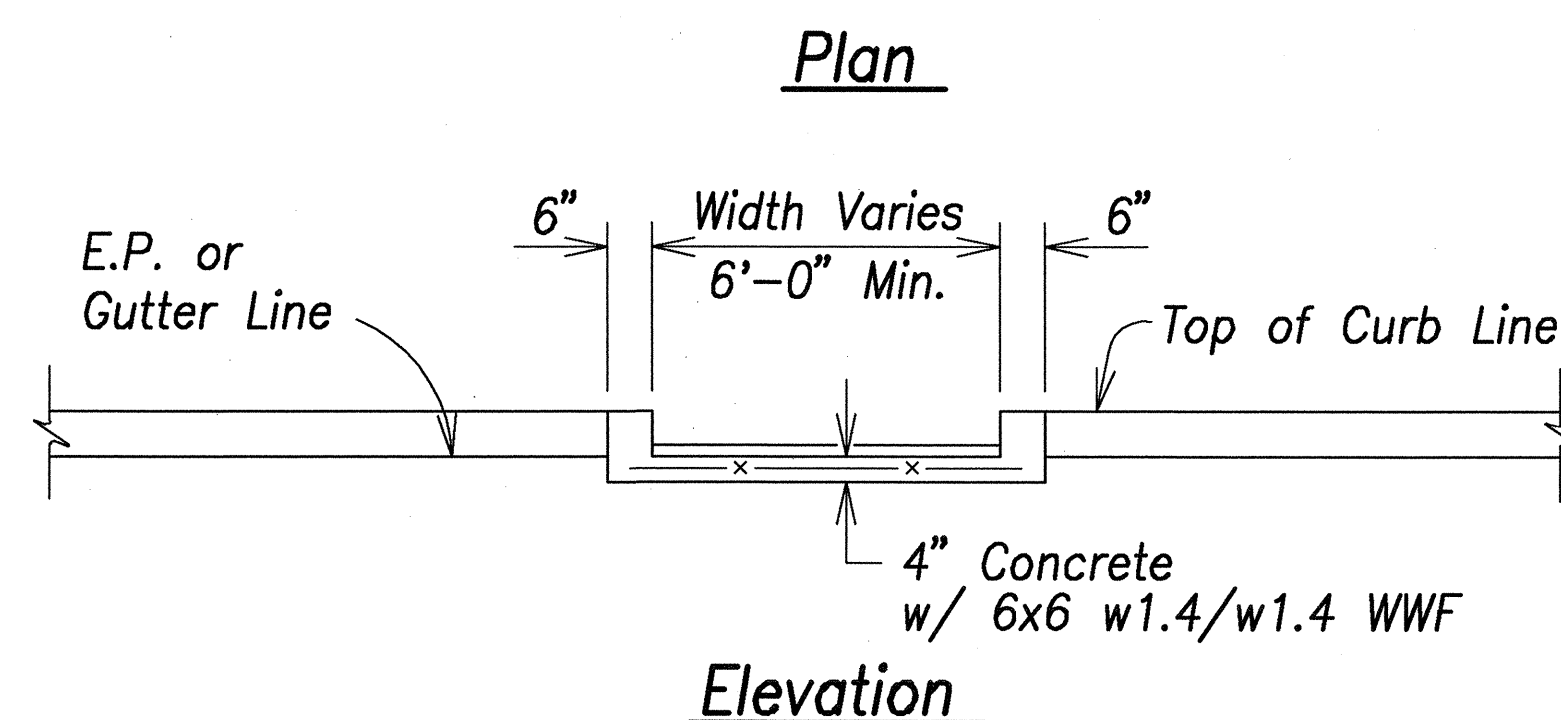
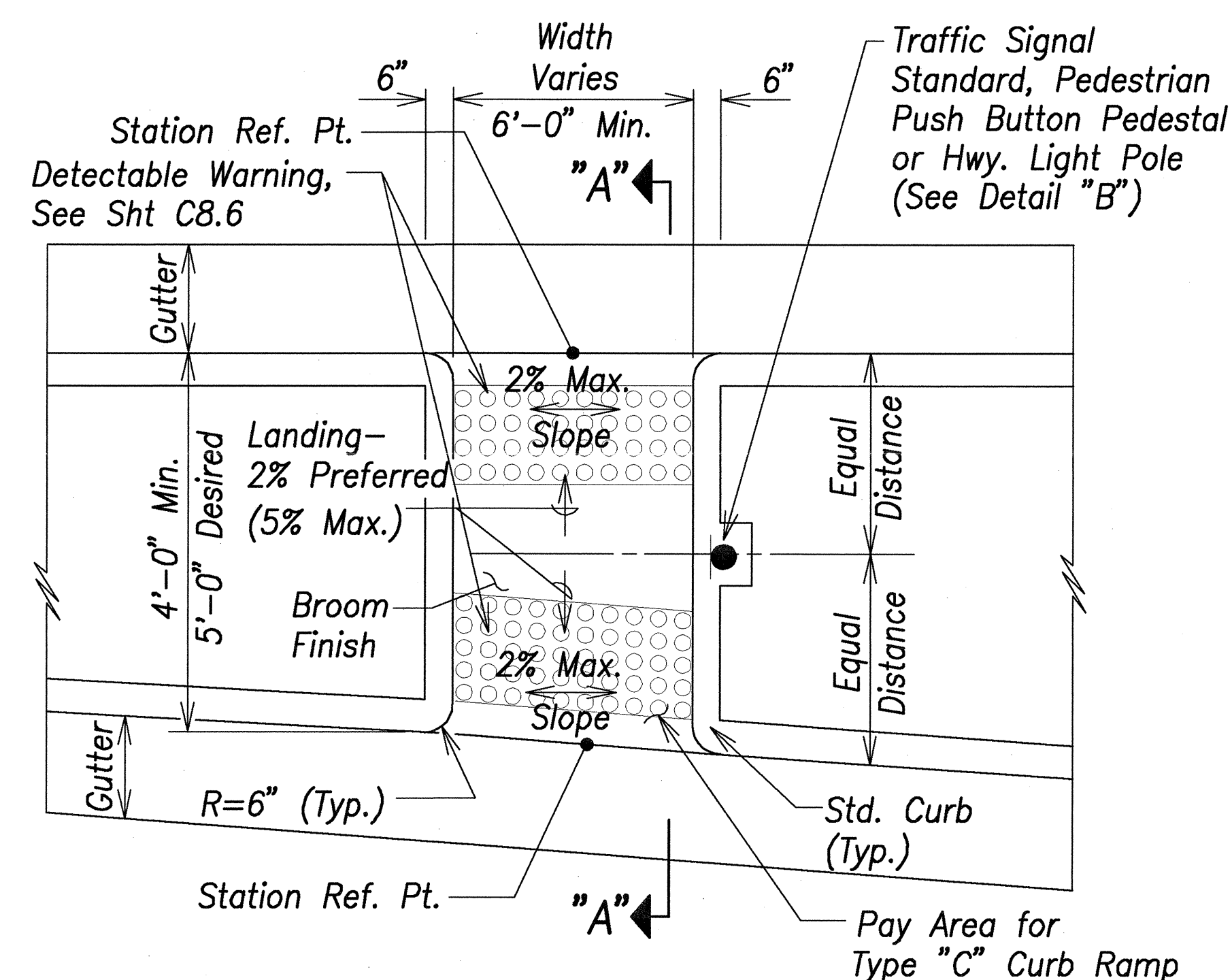
North-South Road
Phase 1B
F.A.I. Proj. No. STP-8930(2)

Scale: Not to Scale Date: Feb 21, 2007

SHEET No. C8.4 OF 150 SHEETS

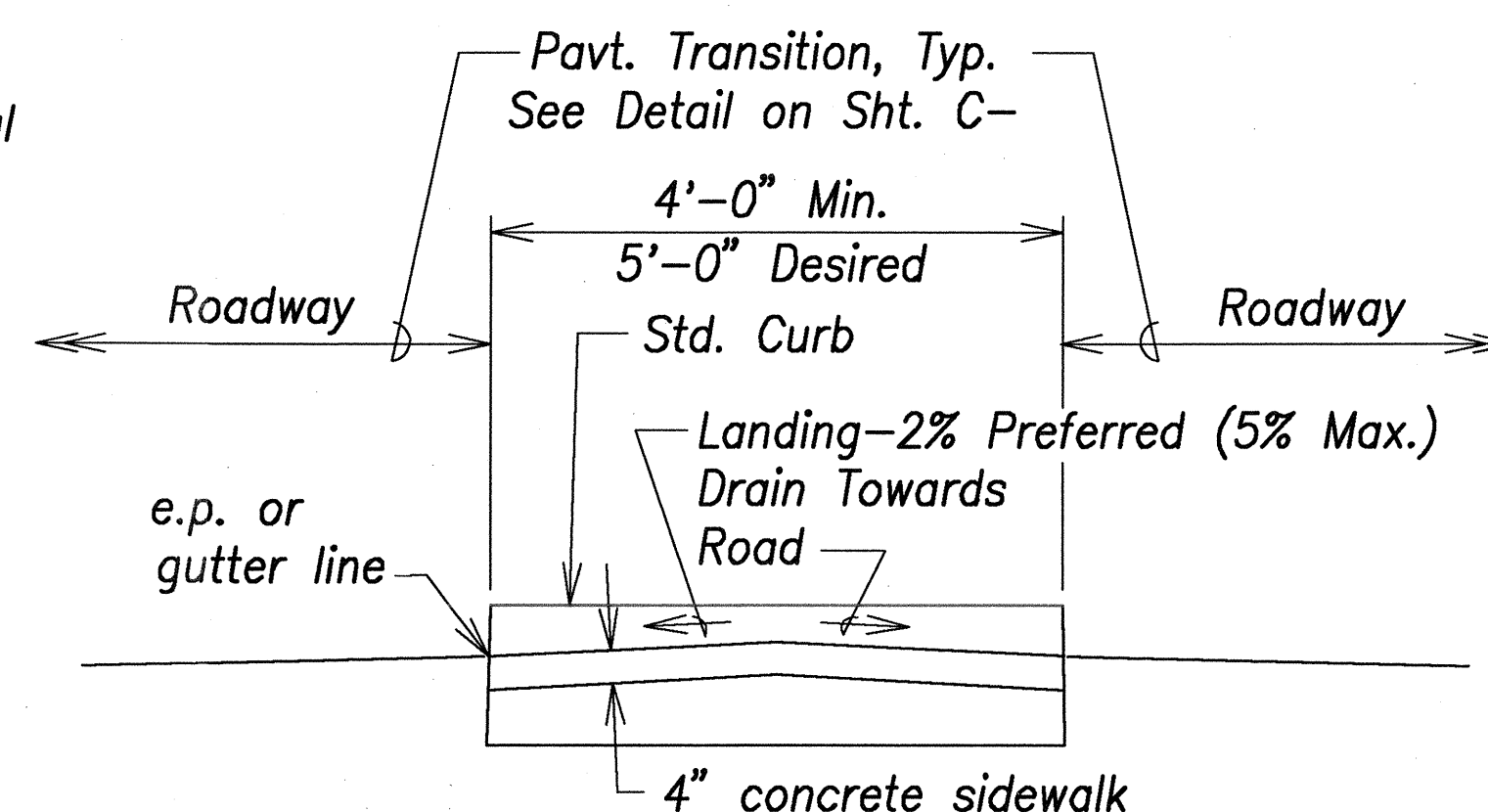
SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-8930(2)	2007	111	331

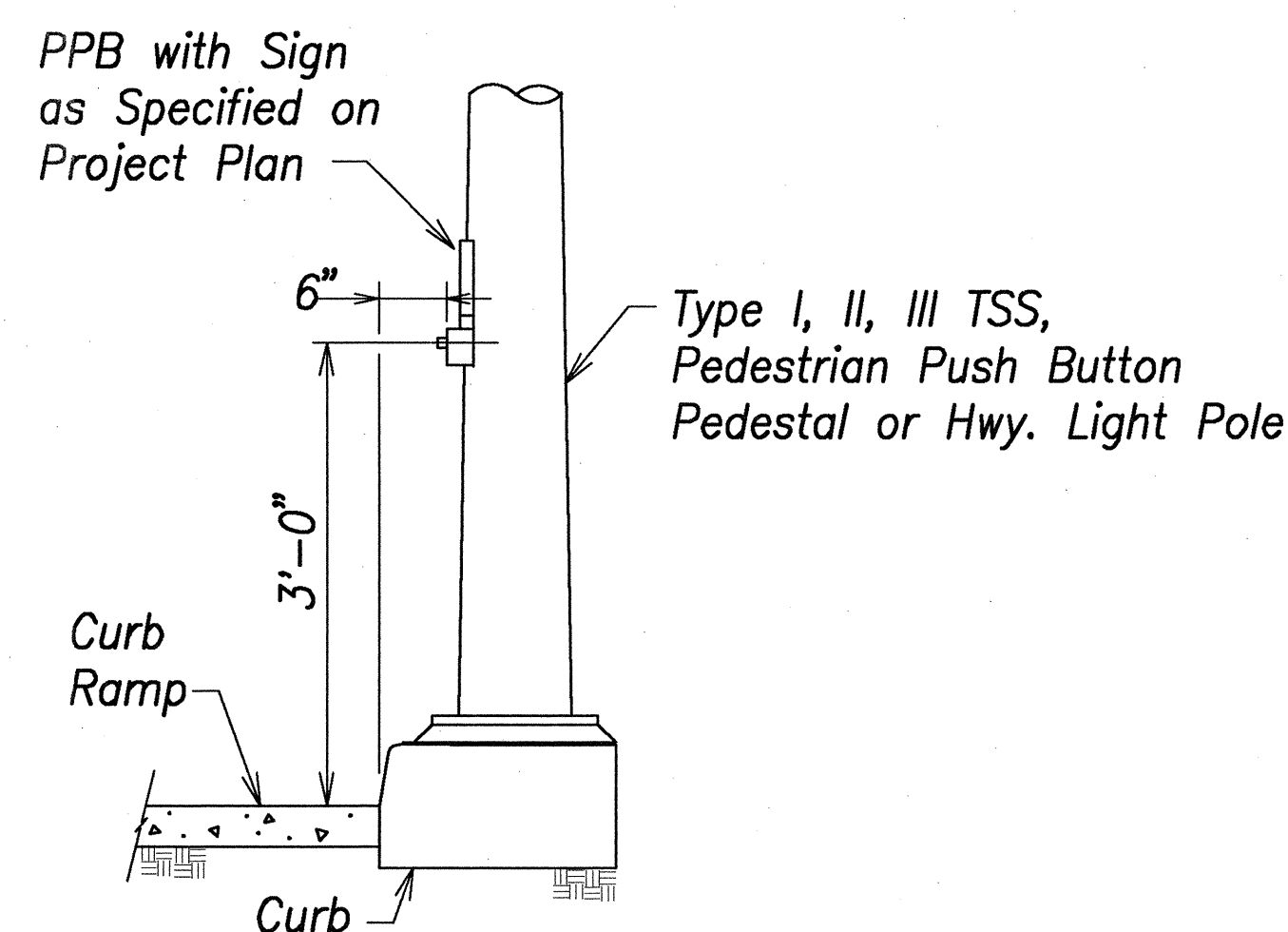


Curb Ramp - Type "C"

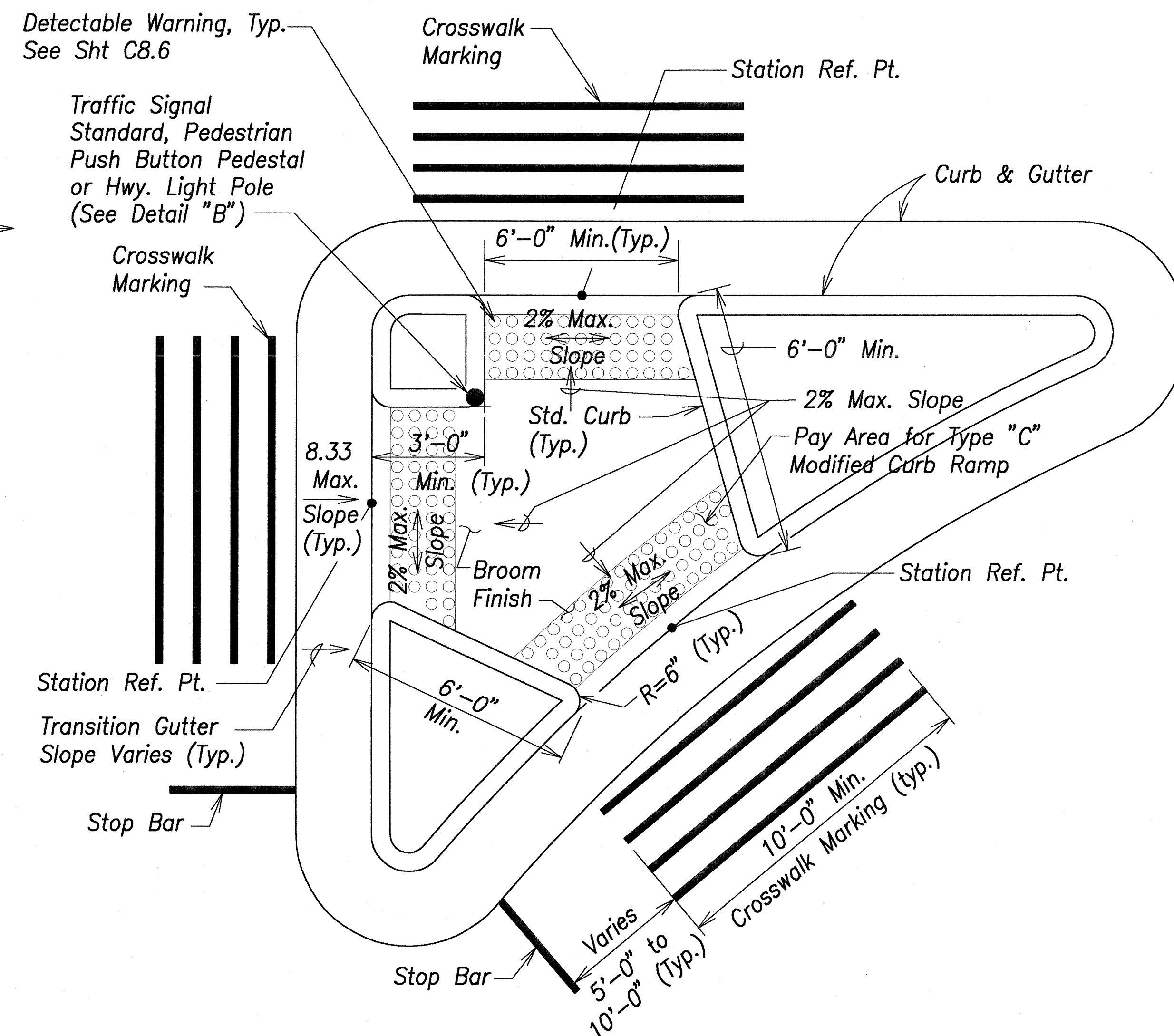
Not to scale
Use At Median Crossings, Islands



Section "A-A"

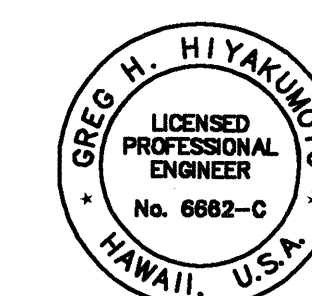


Detail "B"



Curb Ramp - Type "C" Modified
Not to scale

DESIGNED BY	DATE
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No.	



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SIGNATURE DATE OF LICENSE EXPIRY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

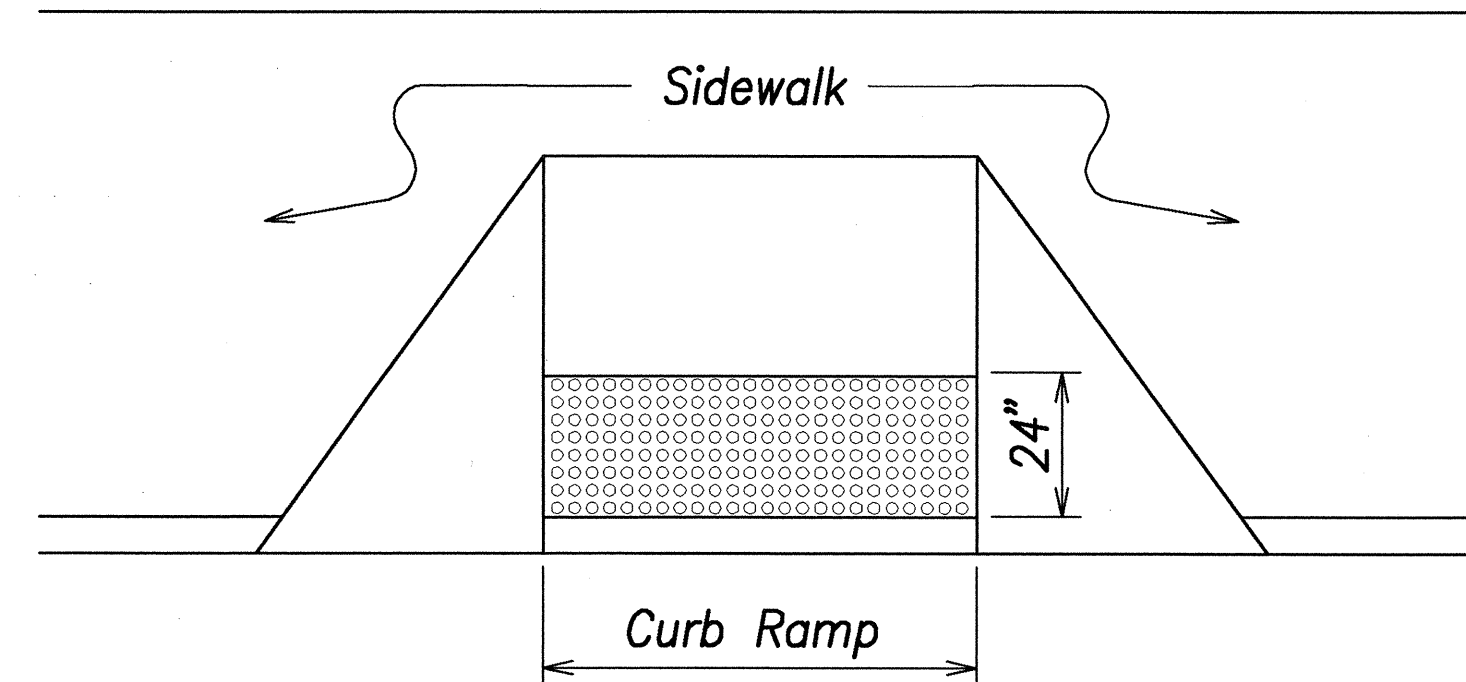
CURB RAMP DETAIL - 3

North-South Road
Phase 1B
F.A.I. Proj. No. STP-8930(2)

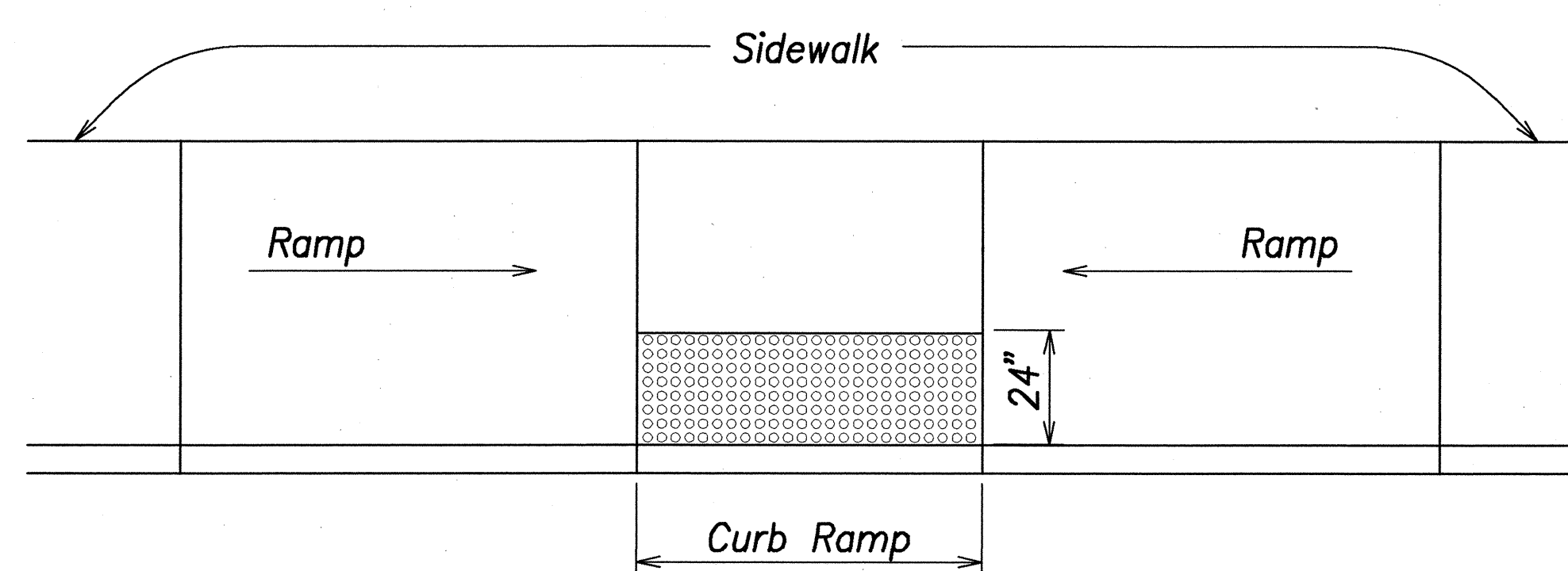
Scale: As Shown Date: Feb 21, 2007

SHEET No. C8.5 OF 150 SHEETS

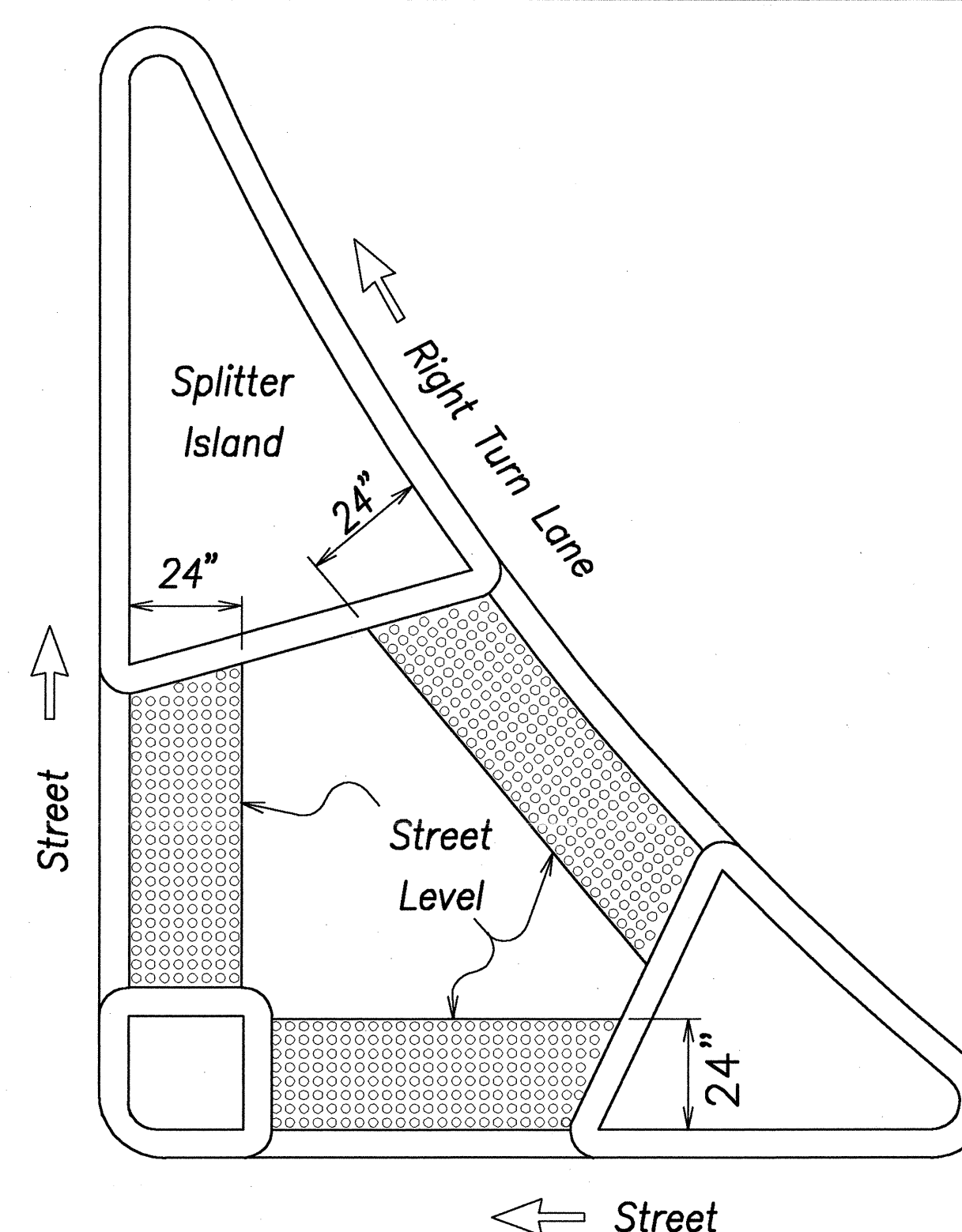
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-8930(2)	2007	112	331



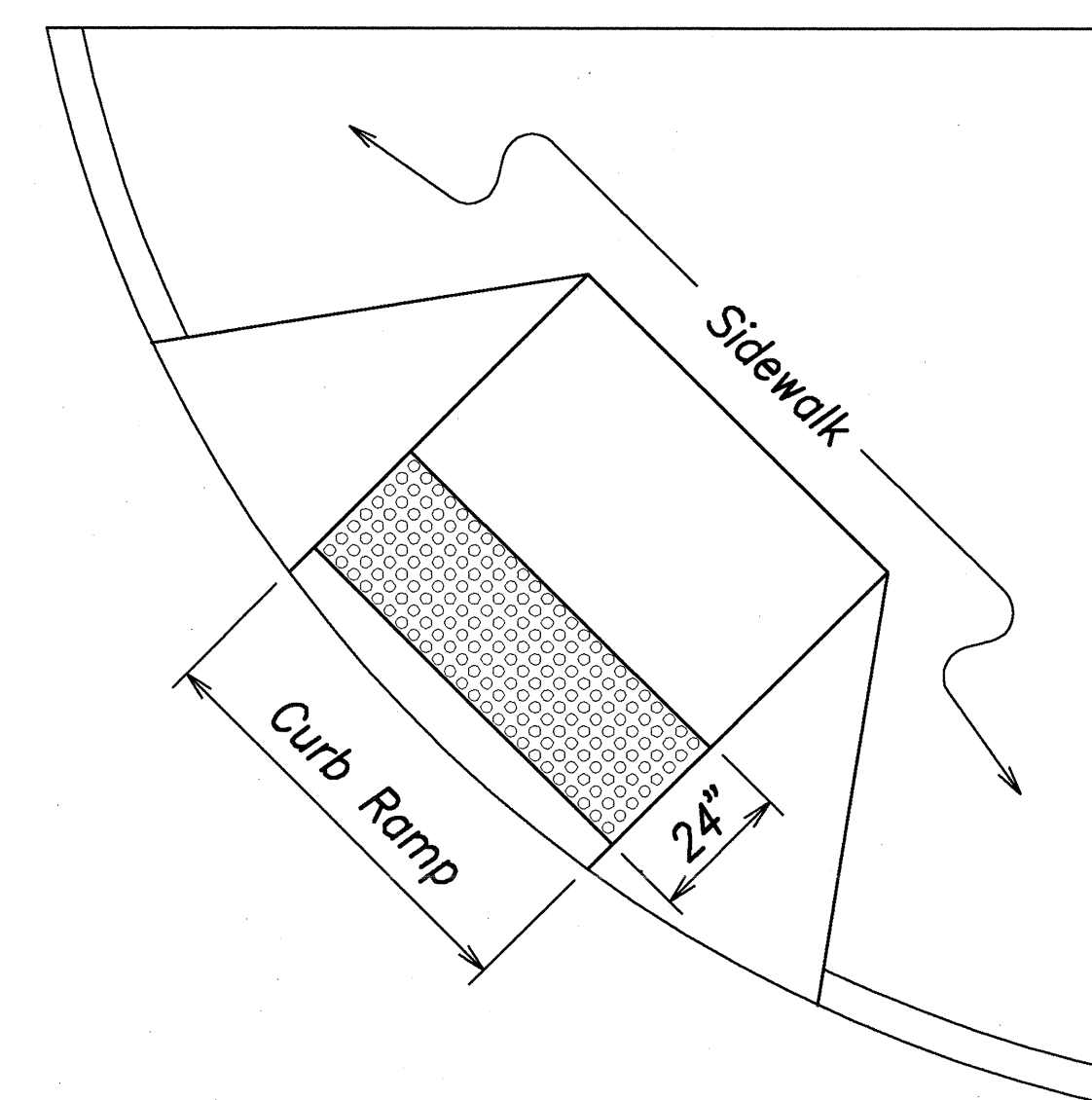
Detectable Warning At Curb Ramp



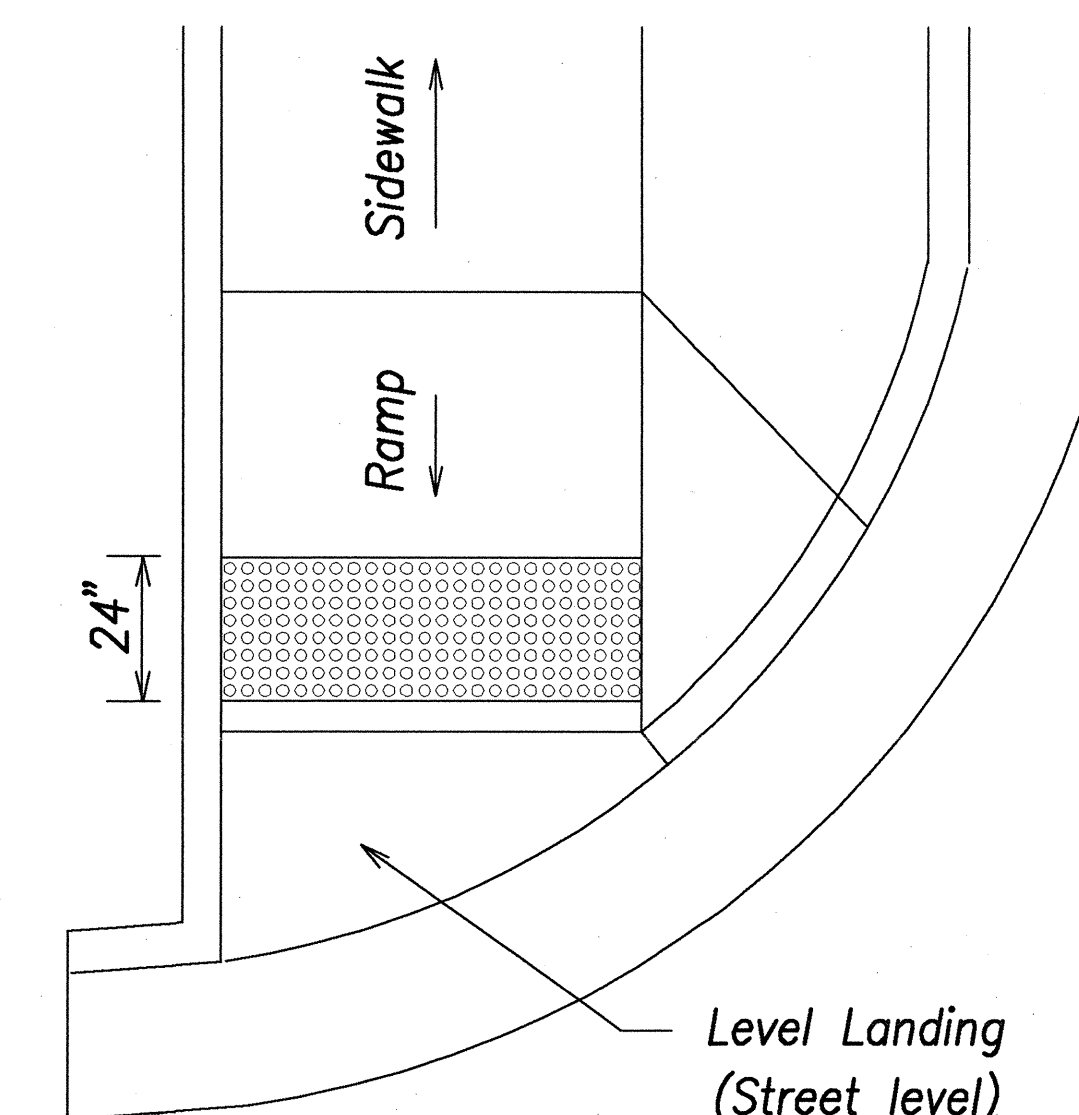
Transition Ramp With Detectable Warning



Refuge Island With Detectable Warning



Shared Curb Ramp With Detectable Warning

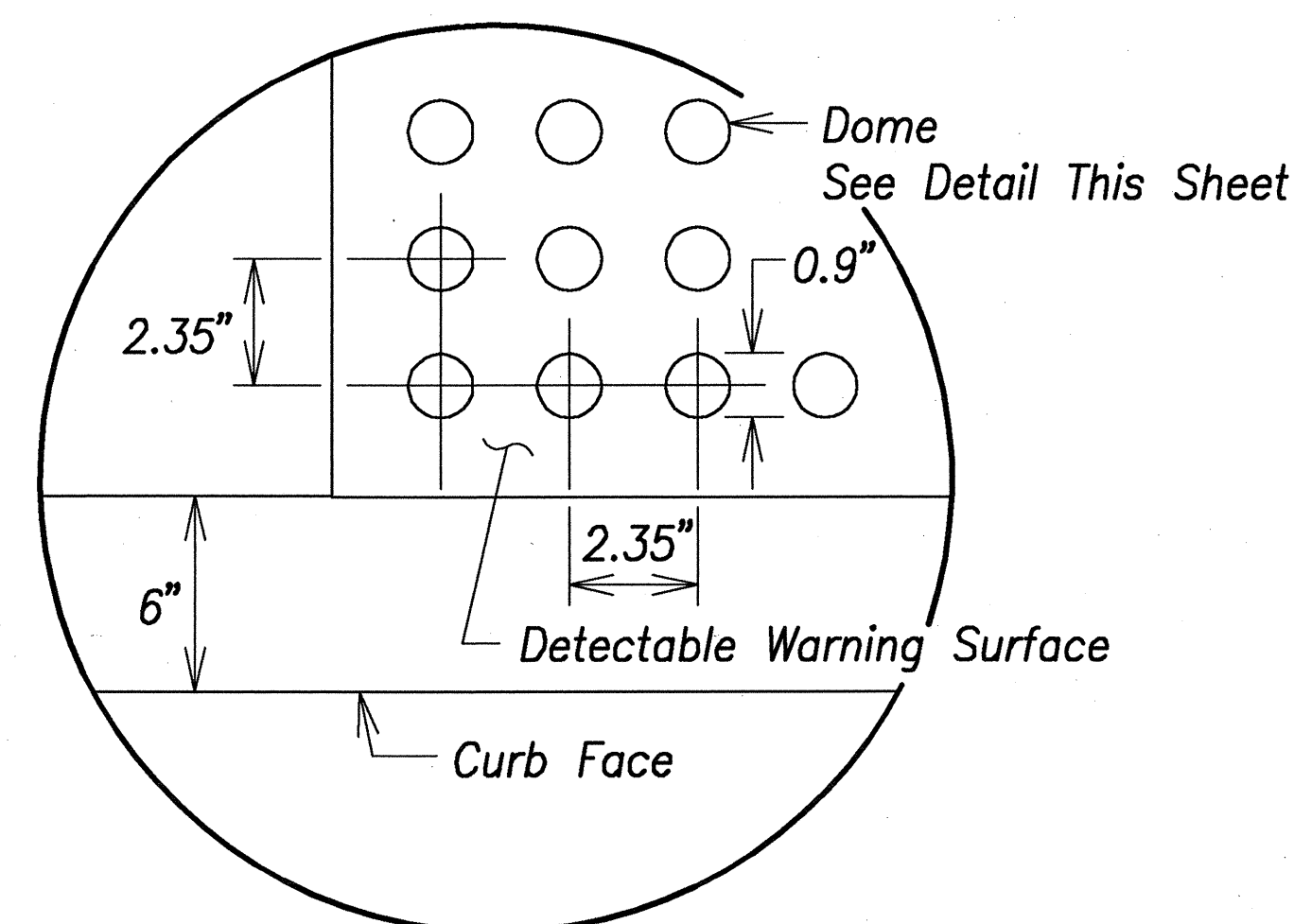


End of Sidewalk Curb Ramp With Detectable Warning

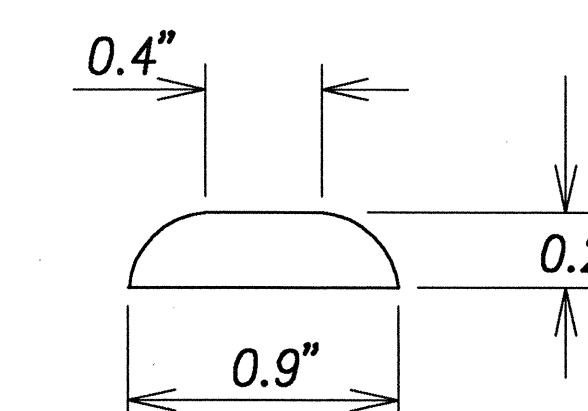
Typical Installation of Detectable Warnings
Not to Scale

Notes:

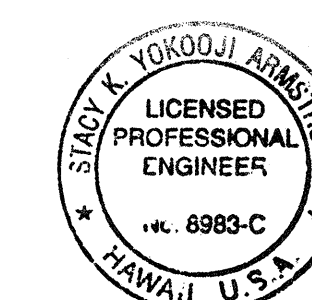
1. Detectable Warnings Shall Be 24 Inches In The Direction Of Travel And Extend The Full Width Of The Curb Ramp Or Flush Surface (Does Not Include Flares).
2. Truncated Domes Shall Have A Diameter Of 0.9 Inch At The Bottom, A Diameter Of 0.4 Inch At The Top, A Height Of 0.2 Inch And A Center-To-Center Spacing Of 2.35 Inches Measured Along One Side Of A Square Arrangement.
3. Domes Shall Be Aligned On A Square Grid In The Predominant Direction Of Travel To Permit Wheels To Roll Between The Domes.
4. The Detectable Warning Shall Be "Safety Yellow".
5. The Material Used To Provide Visual Contrast Shall Be An Integral Part Of The Detectable Warning Surface.
6. The Detectable Warning Shall Be Located So That The Edge Nearest The Curb Line Or Other Potential Hazard Is 6 To 8 Inches From The Curb Line.



Enlargement



Dome Section



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HIGHWAYS DIVISION

CURB RAMP DETAILS - 4

North-South Road
Phase 1B
F.A.I. Proj. No. STP-8930(2)

Scale: As Shown Date: Feb 21, 2007

SHEET No. C8.6 OF 150 SHEETS

DESIGNED BY	DATE
CHECKED BY	
NOTED BY	
ORIGINAL PLAN	
NO.	