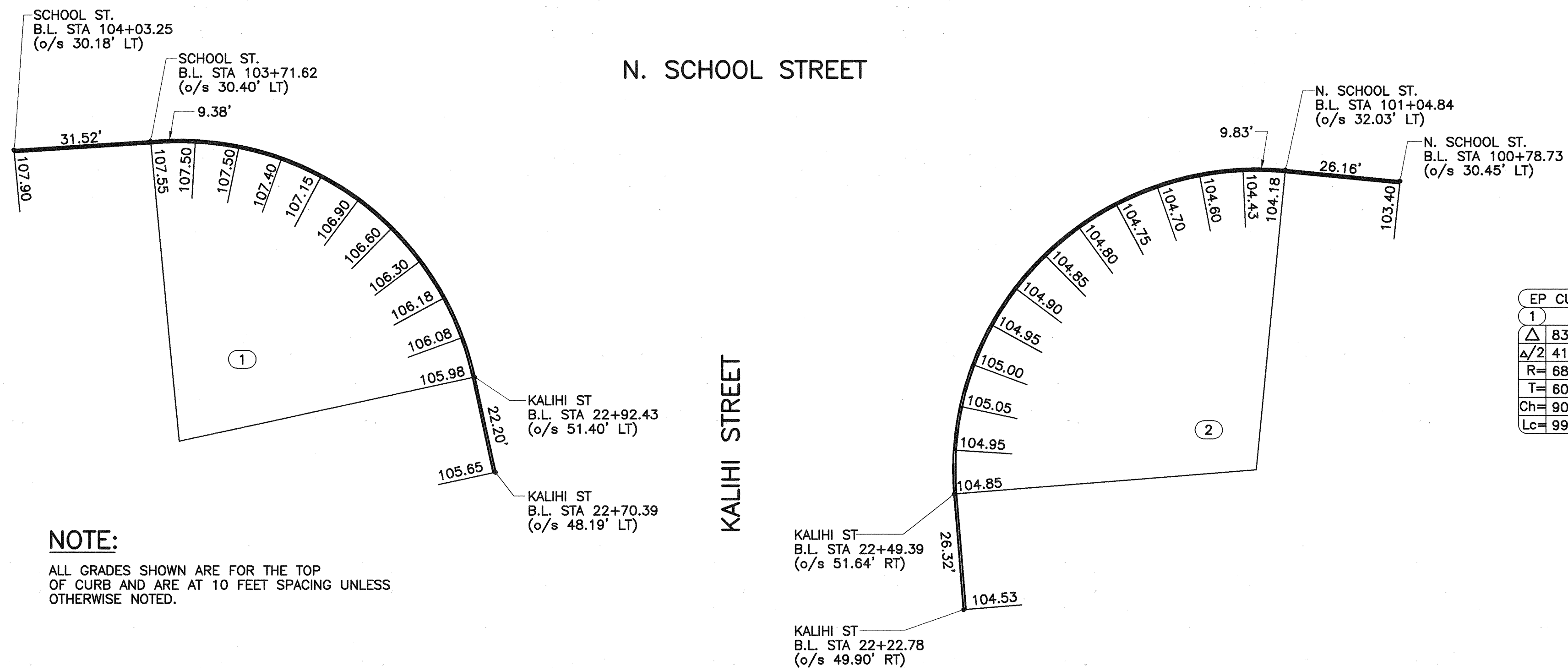


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	63A-01-97	1998	20	52

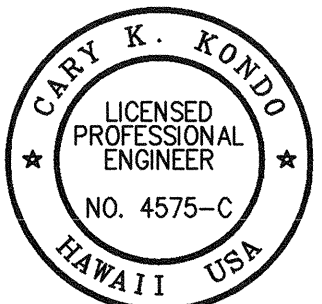


EP CURVE DATA	EP CURVE DATA
1	2
$\Delta$ 83°07'35"	$\Delta$ 100°13'38"
$\Delta/2$ 41°33'47.5"	$\Delta/2$ 50°06'49"
R= 68.50'	R= 68.50'
T= 60.74'	T= 81.96'
Ch= 90.89'	Ch= 105.12'
Lc= 99.38	Lc= 119.83'

TOP OF CURB GRADES

SCALE: 1"=20'

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

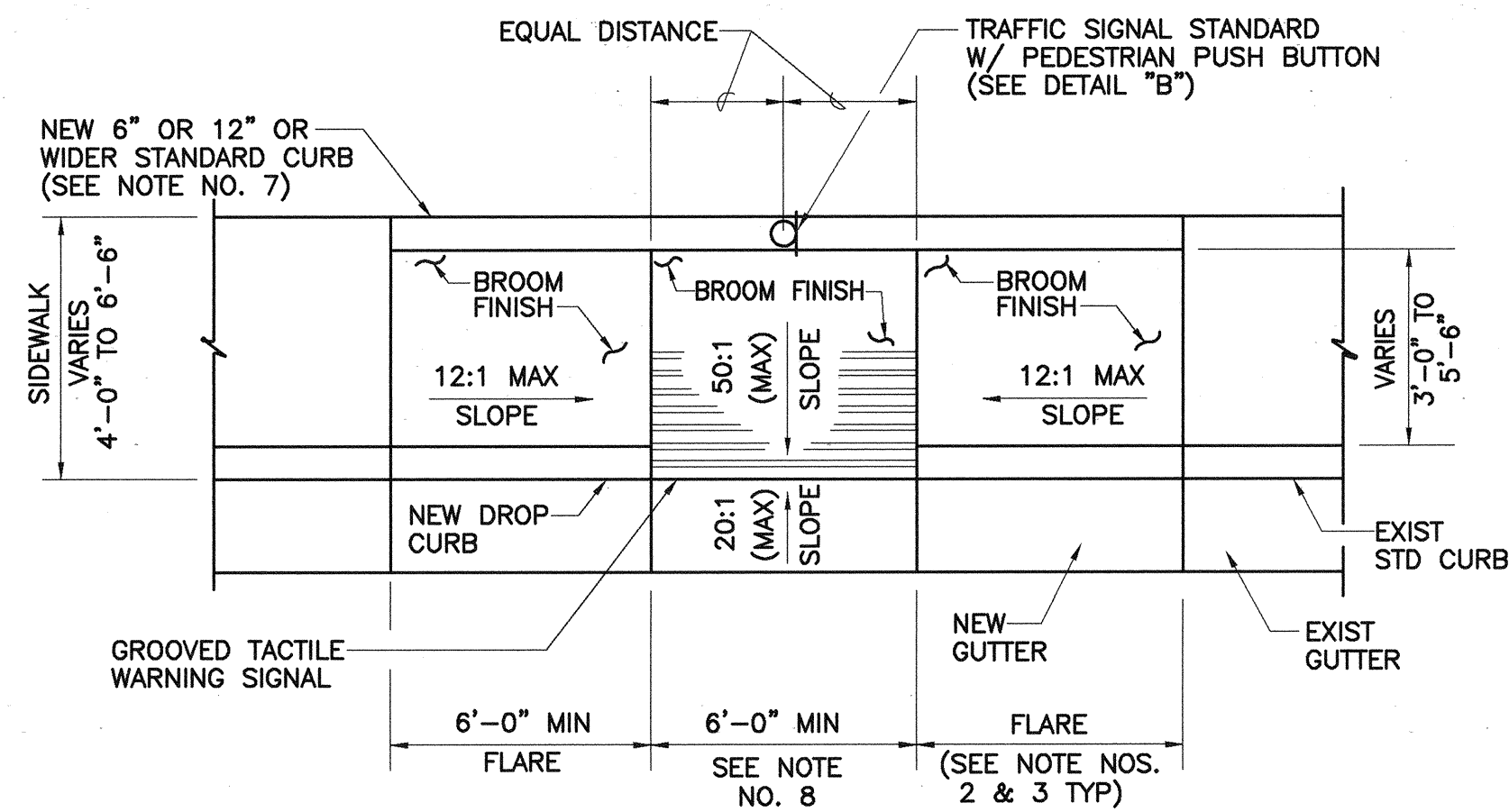


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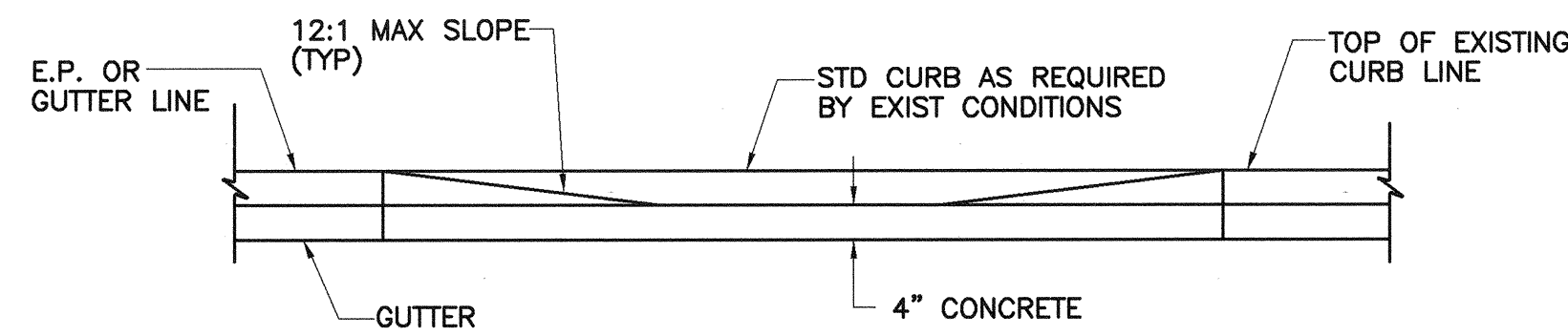
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
CURB RETURN GRADES	
LIKELIKE HIGHWAY TRAFFIC IMPROVEMENTS	
VALLEY VIEW DRIVE TO H-1	
LIKELIKE HIGHWAY/SCHOOL ST. INTERSECTION	
Project No. 63A-01-97	
Scale: AS NOTED	Date: MAY 1998
SHEET No. 1 OF 1 SHEETS	



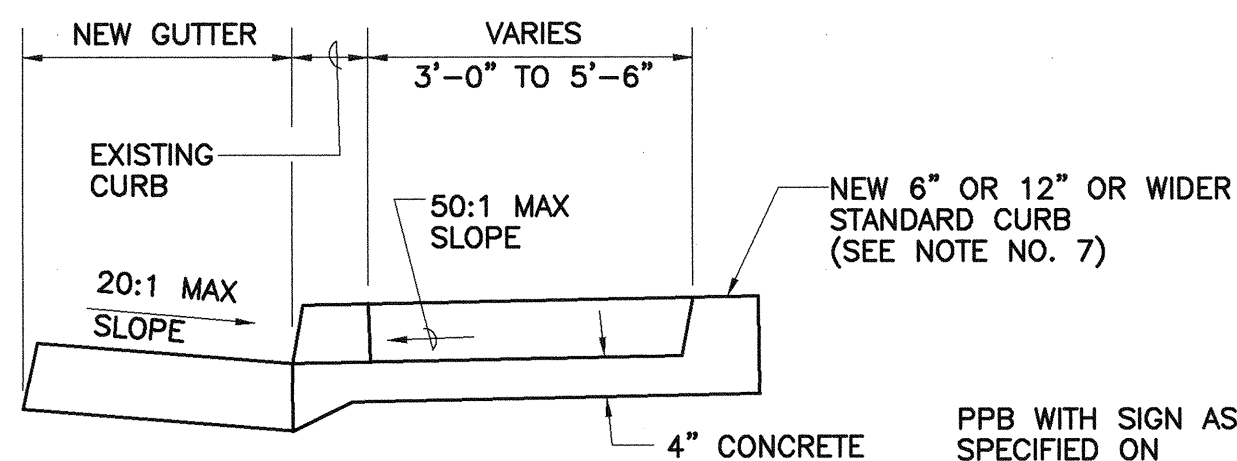
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	63A-01-97	1998	22	52



PLAN



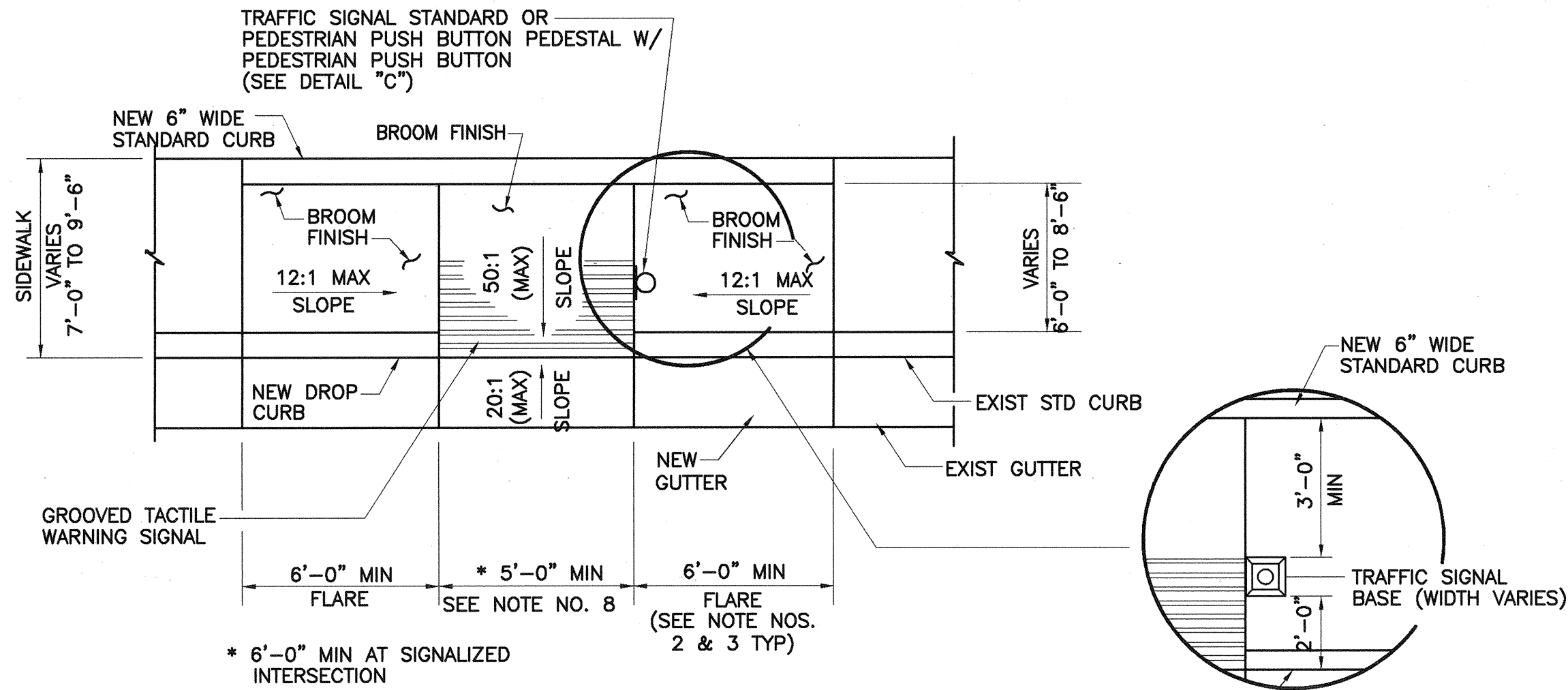
ELEVATION



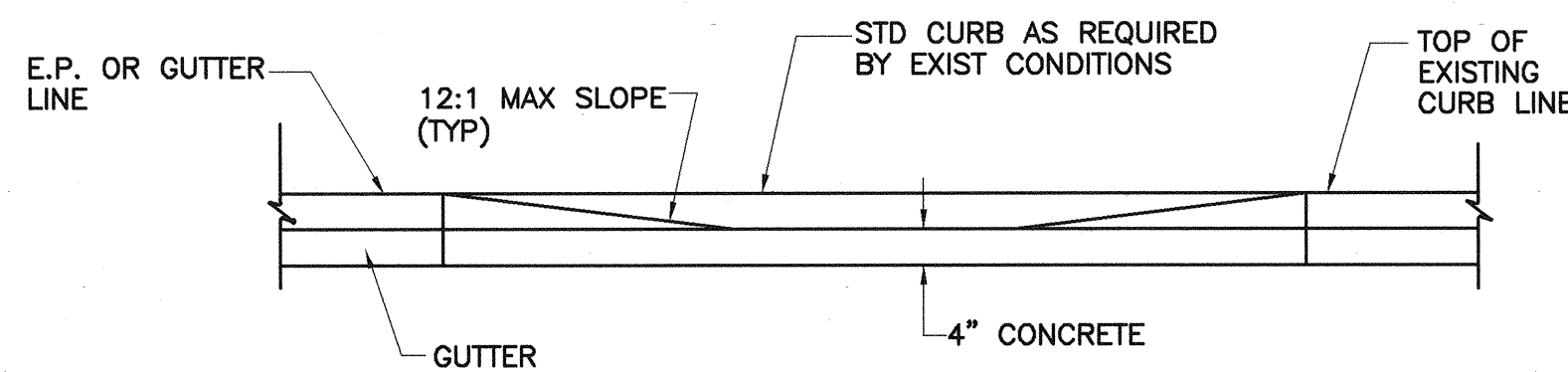
TYPICAL SECTION

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

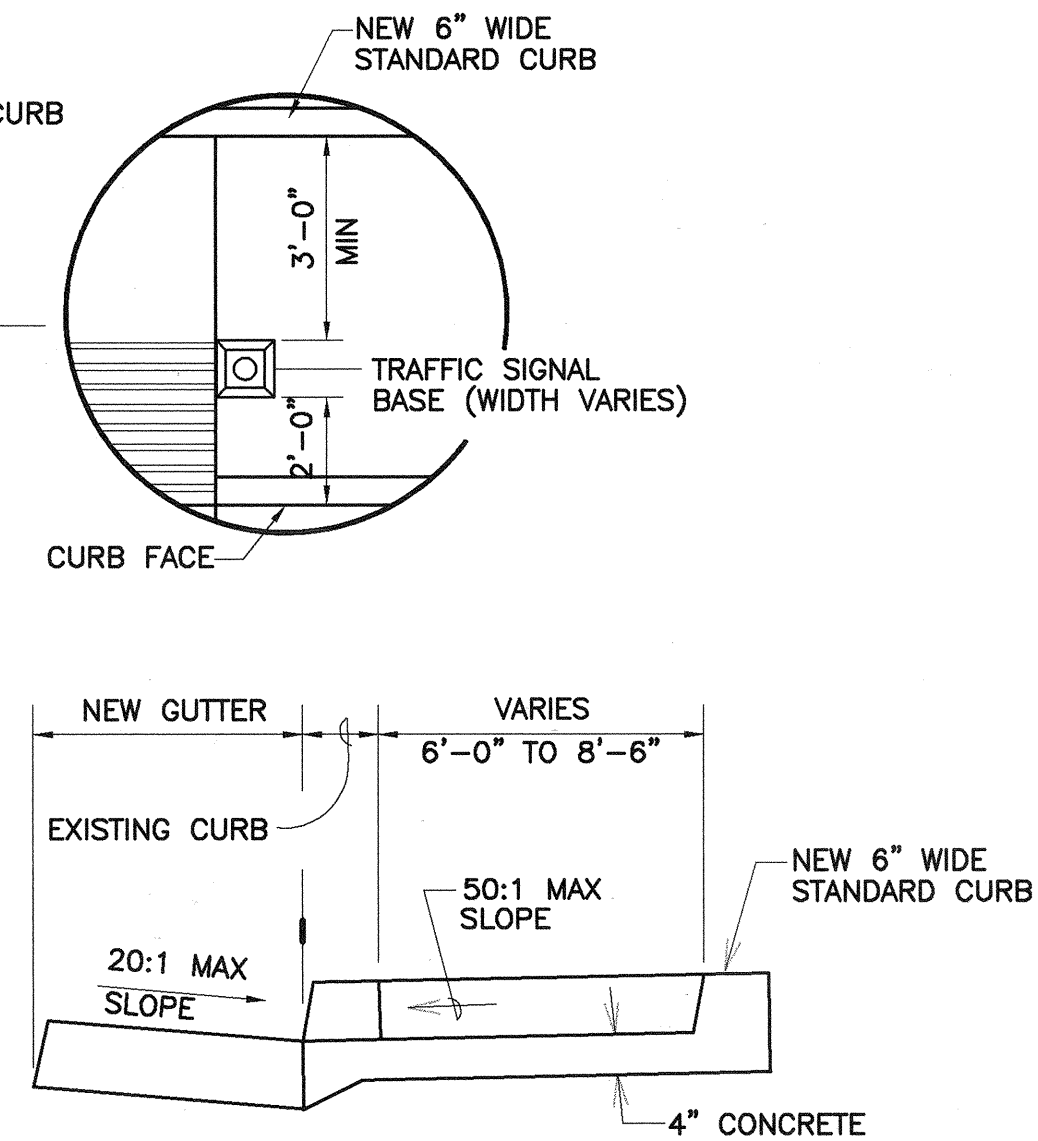
SCALE: 1/4" = 1'-0"



PLAN



ELEVATION

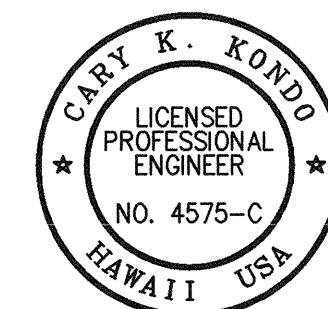


TYPICAL SECTION

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

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

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



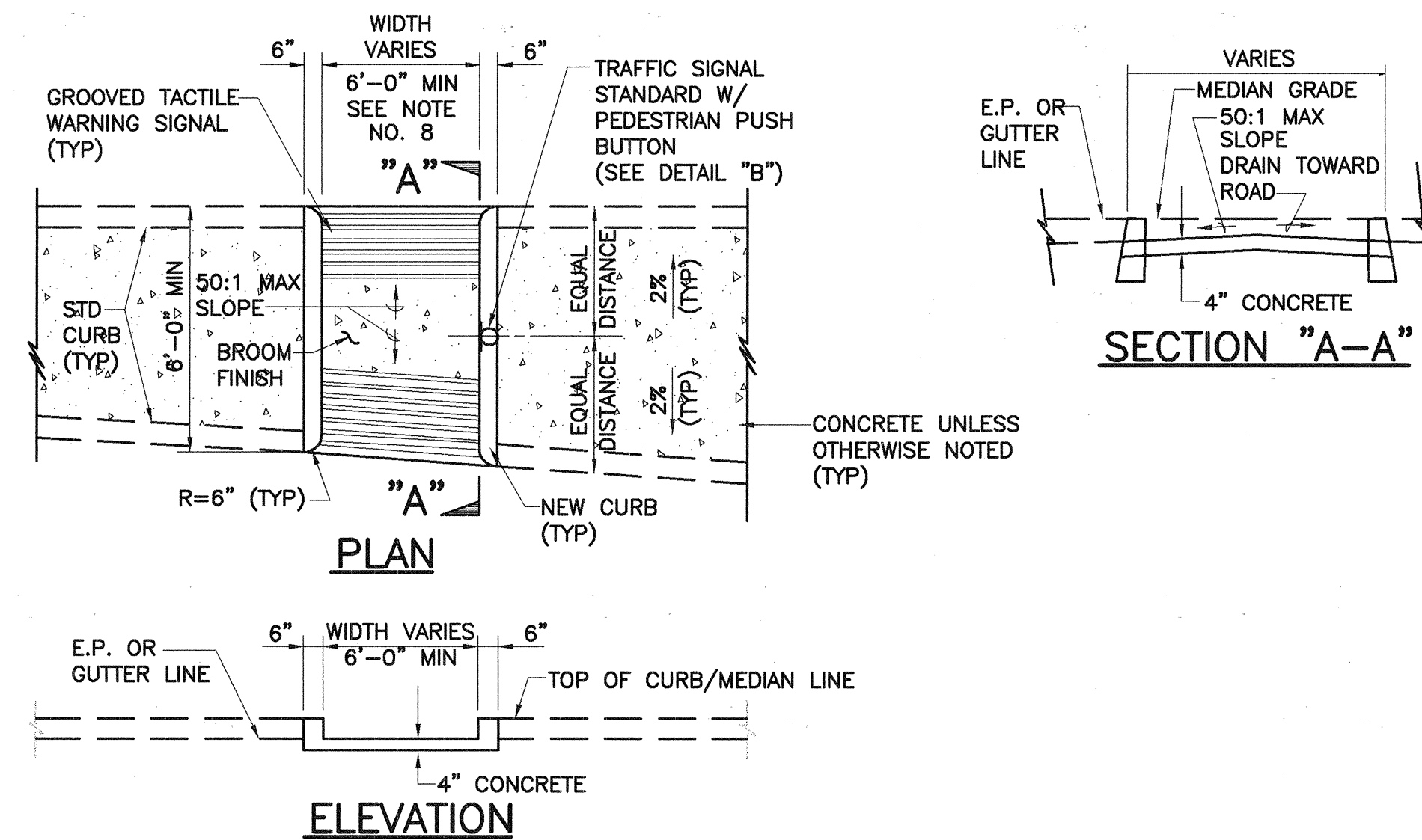
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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**CURB RAMP DETAIL – TYPE "B"**  
LIKELIKE HIGHWAY TRAFFIC IMPROVEMENTS  
VALLEY VIEW DRIVE TO H-1

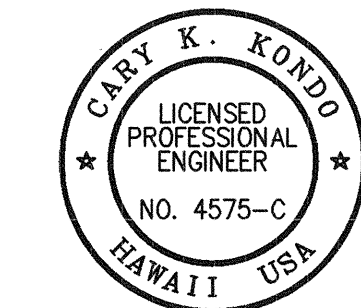
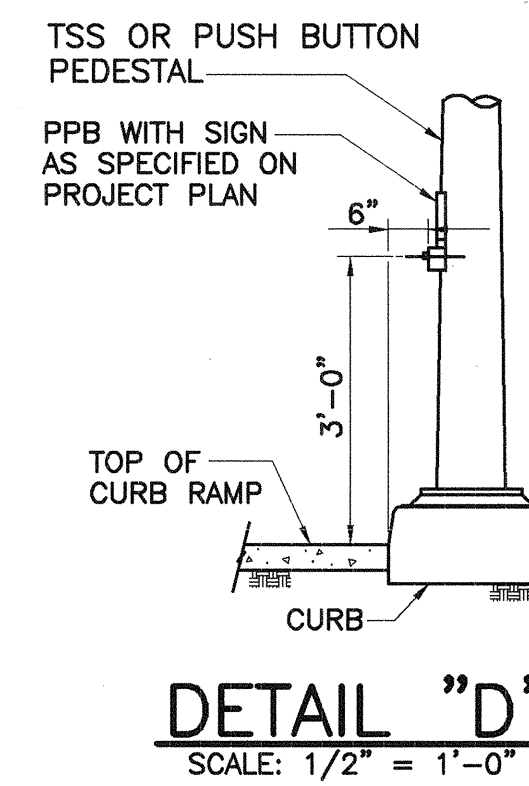
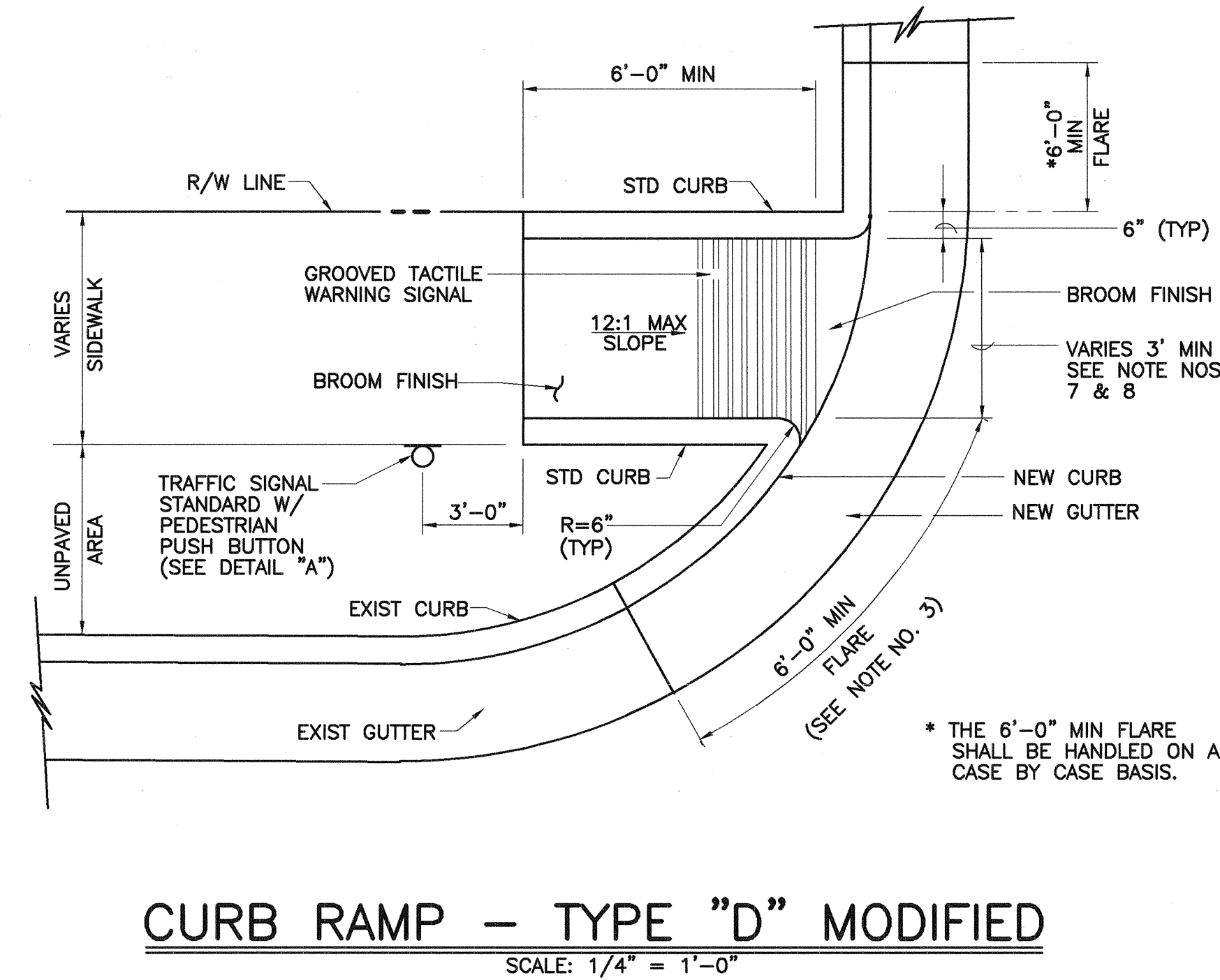
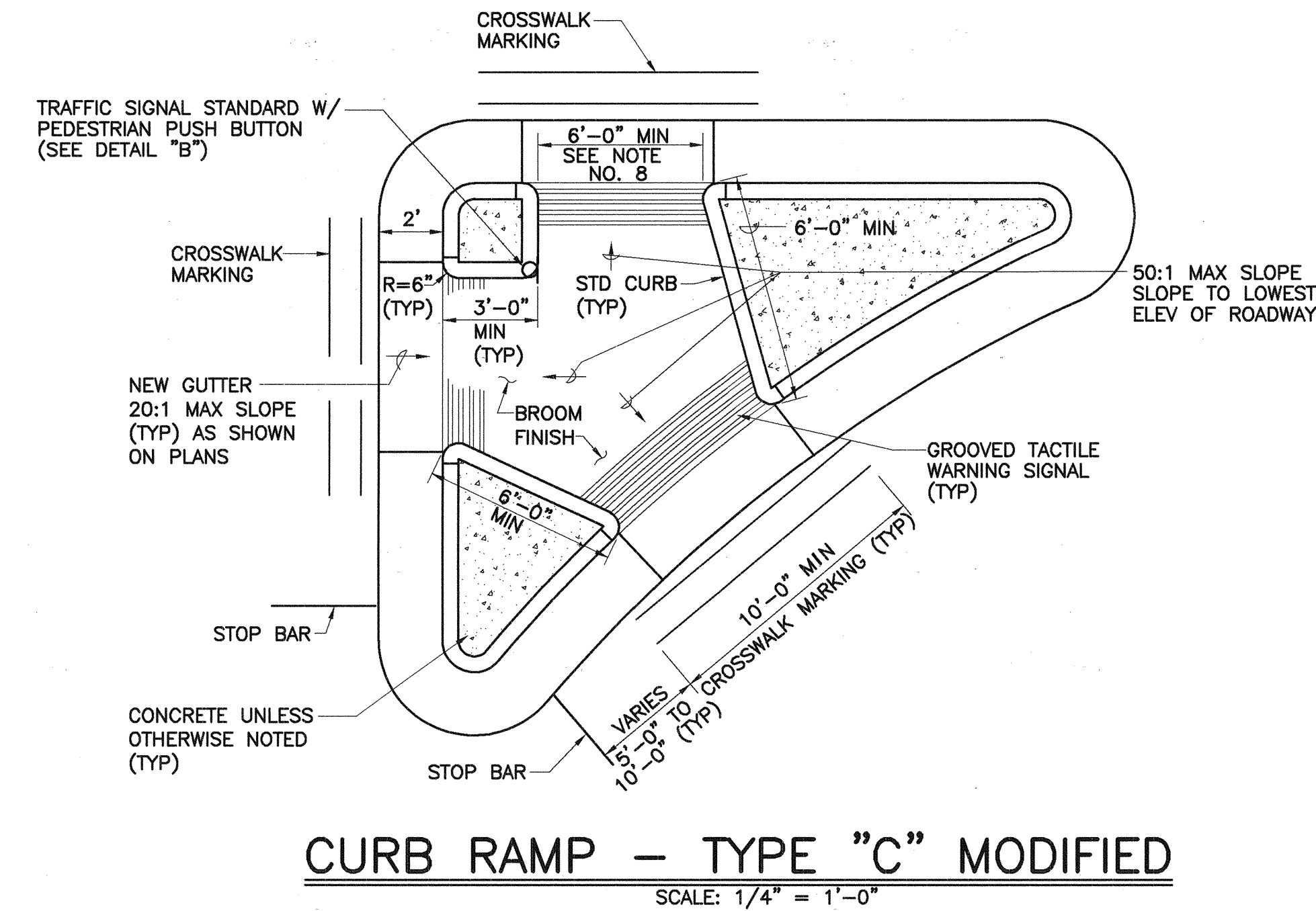
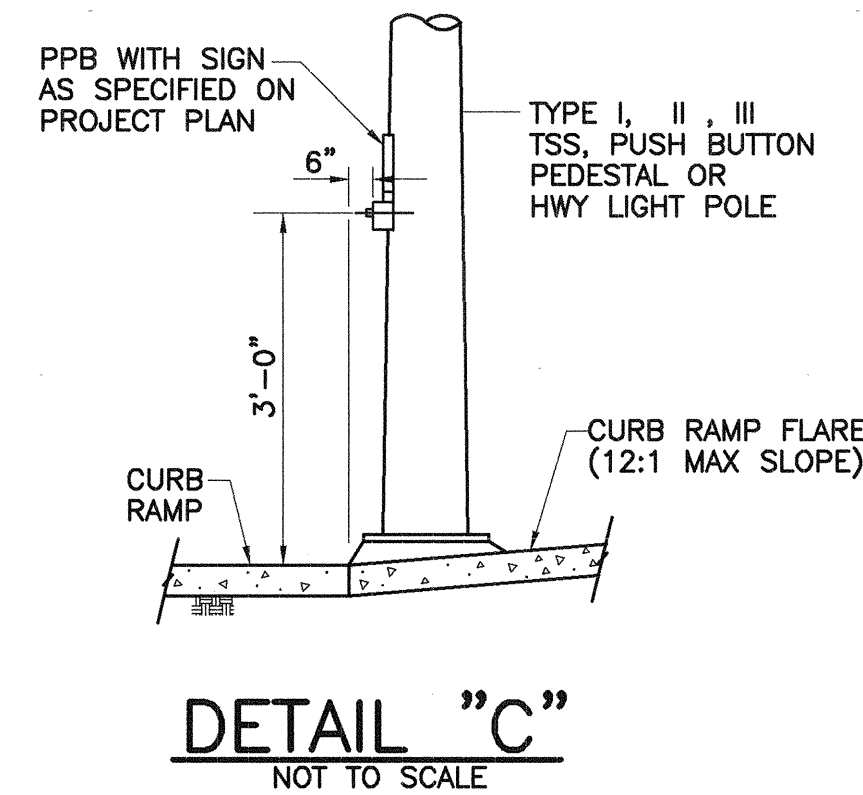
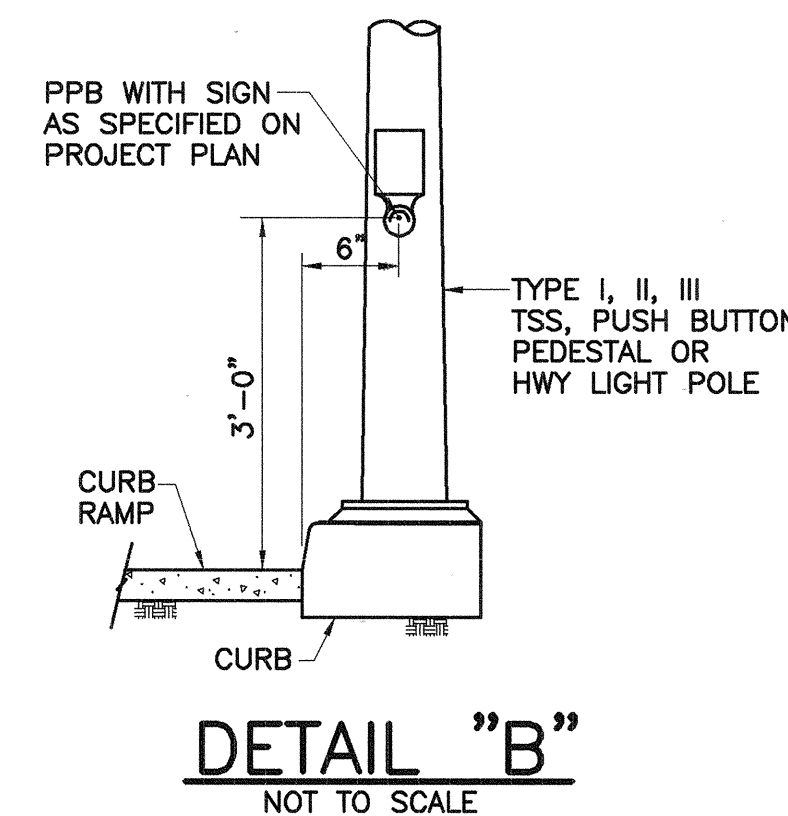
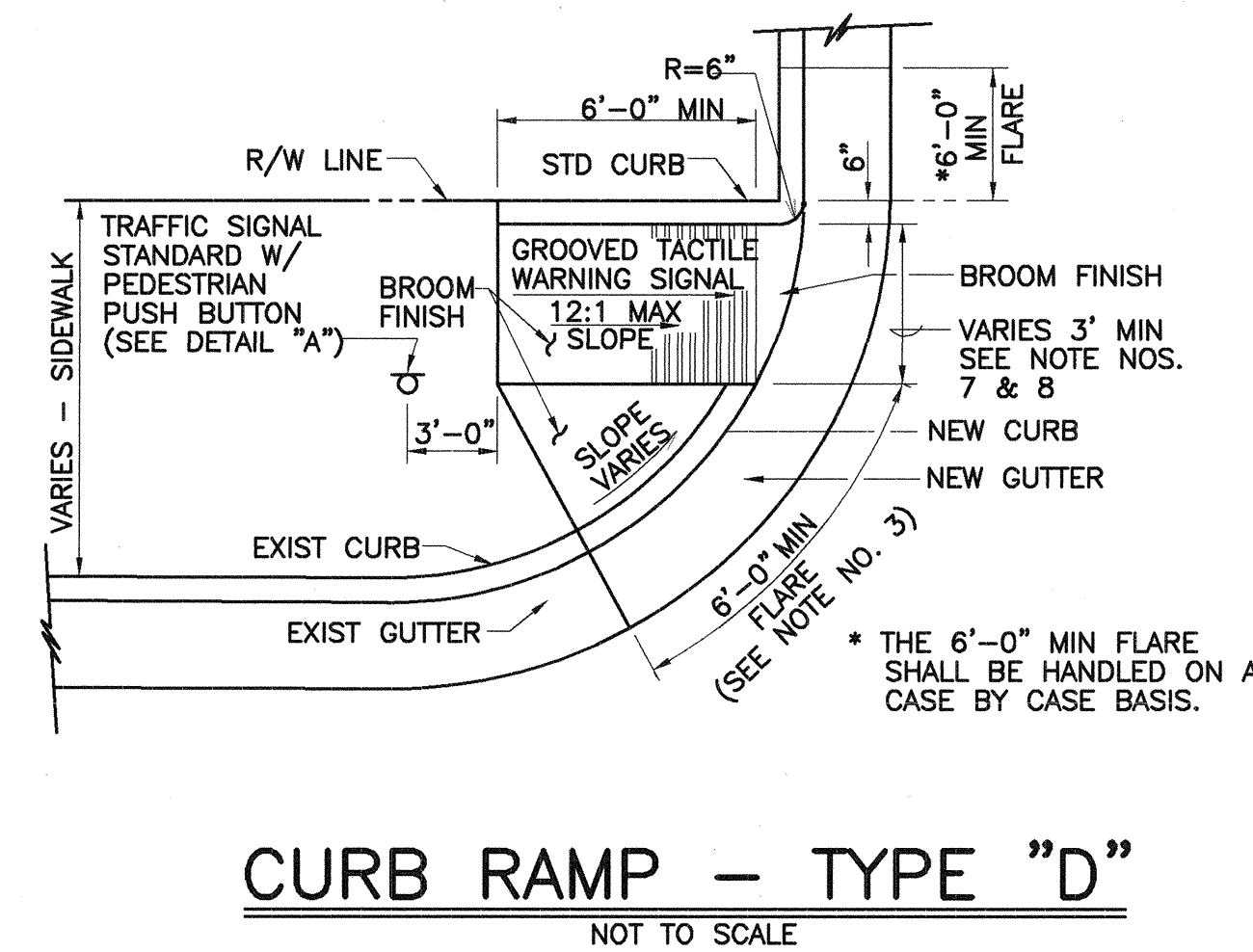
Project No. 63A-01-97  
Scale: AS NOTED Date: MAY 1998  
SHEET No. 2 OF 4 SHEETS



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	63A-01-97	1998	23	52



**CURB RAMP - TYPE "C"**  
**USE AT MEDIAN CROSSING, ISLANDS**  
 SCALE: 1/4" = 1'-0"



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 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

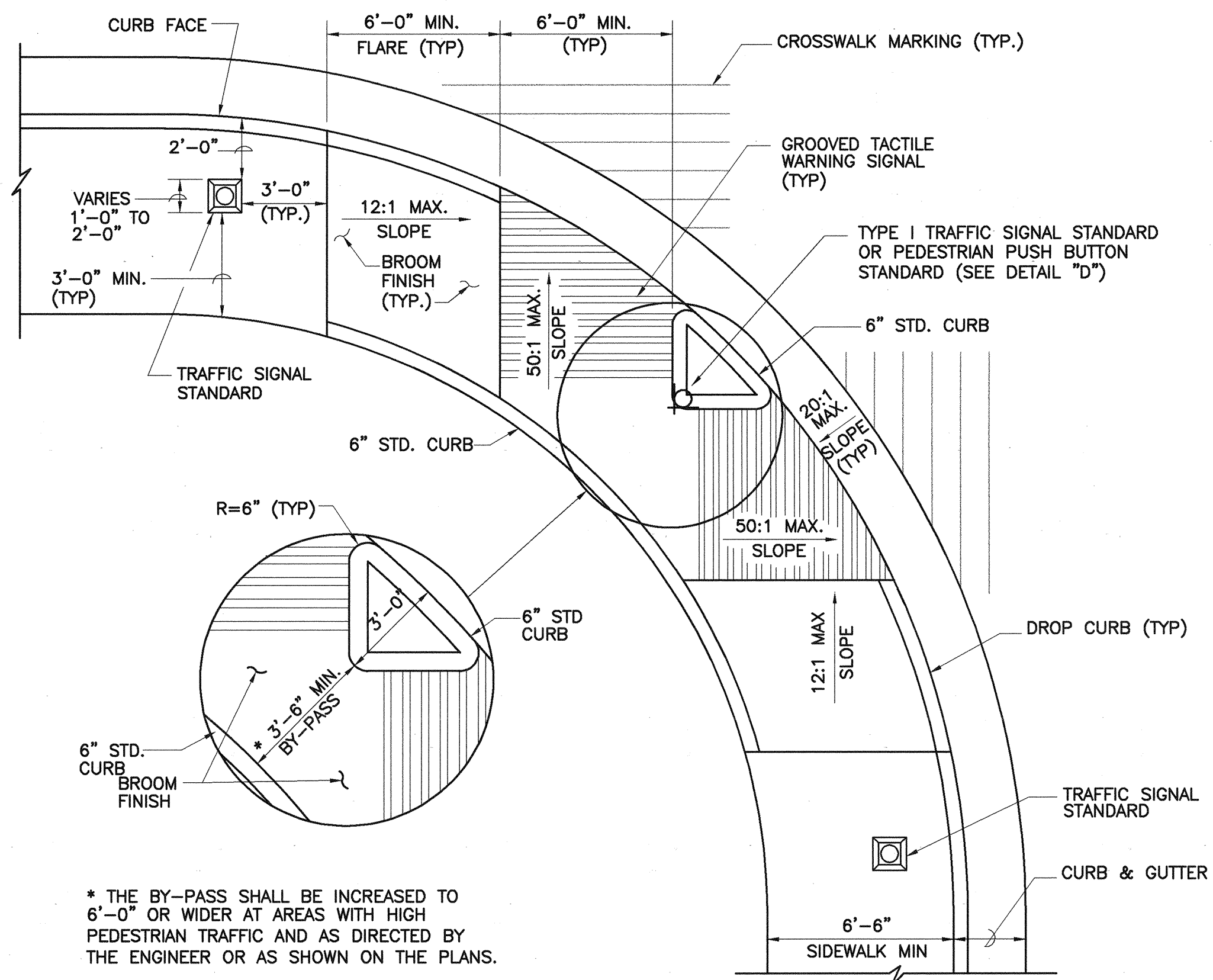
**CURB RAMP DETAIL-TYPE "C" & "D"**

LIKELIKE HIGHWAY TRAFFIC IMPROVEMENTS  
 VALLEY VIEW DRIVE TO H-1

Project No. 63A-01-97  
 Scale: AS NOTED Date: MAY 1998  
 SHEET No. 3 OF 4 SHEETS

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

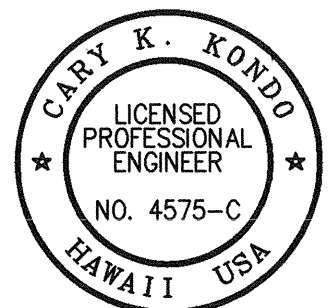
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	63A-01-97	1998	24	52



**CURB RAMP - TYPE "E"**  
**SIDEWALK WIDTH 6'-6" OR GREATER**  
**EXCLUDING CURB**  
**(FOR EXISTING SIDEWALK ONLY)**

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

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



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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**CURB RAMP DETAIL - TYPE "E"**  
LIKELIKE HIGHWAY TRAFFIC IMPROVEMENTS  
VALLEY VIEW DRIVE TO H-1

Project No. 63A-01-97  
Scale: AS NOTED Date: MAY 1998  
SHEET No. 4 OF 4 SHEETS