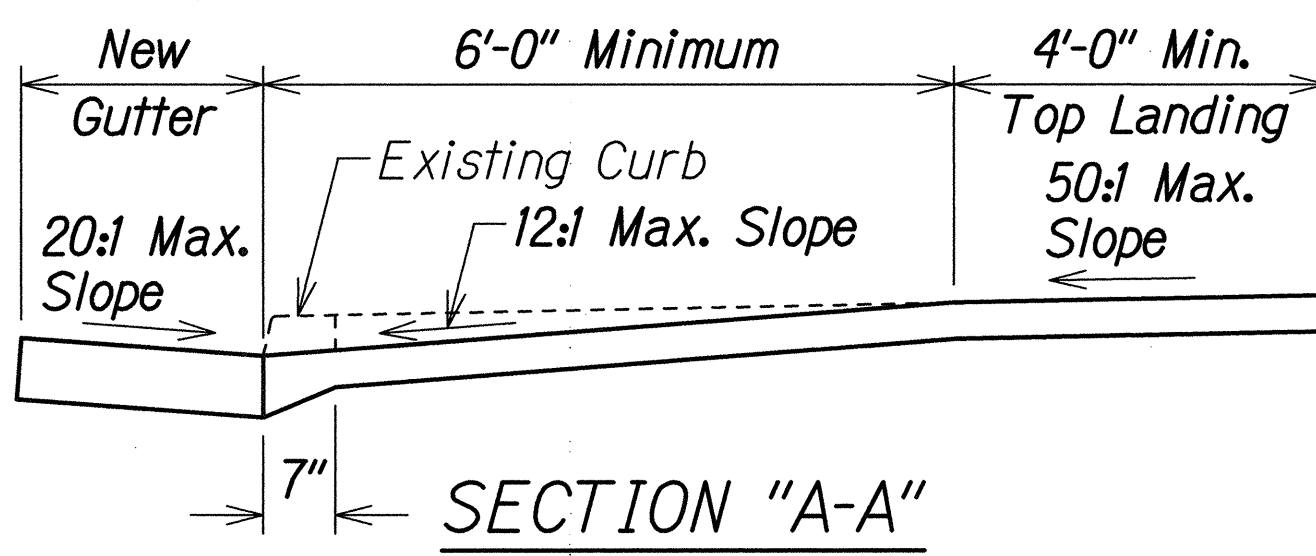
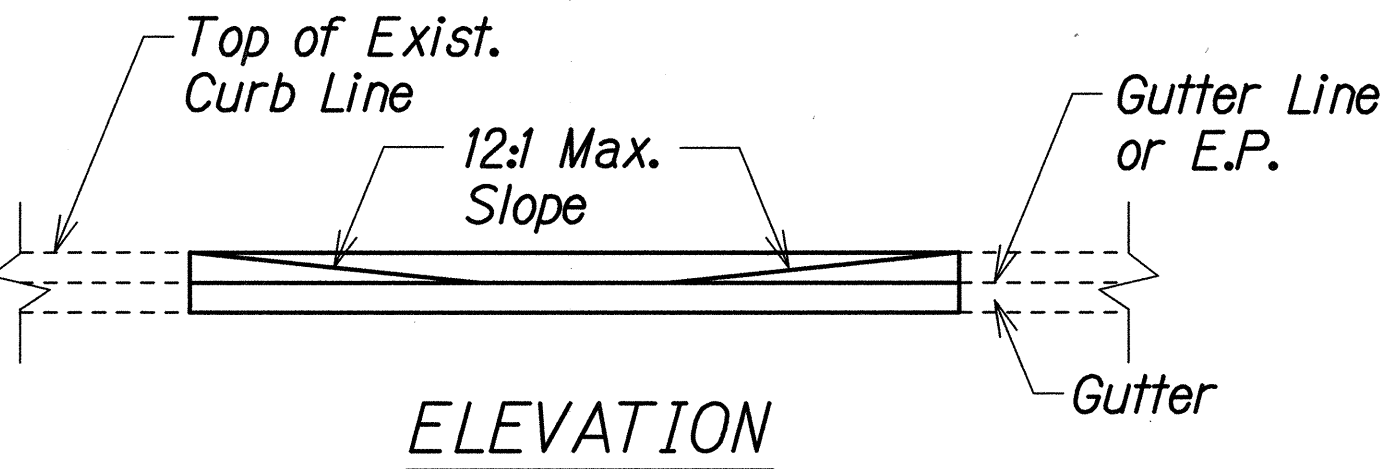
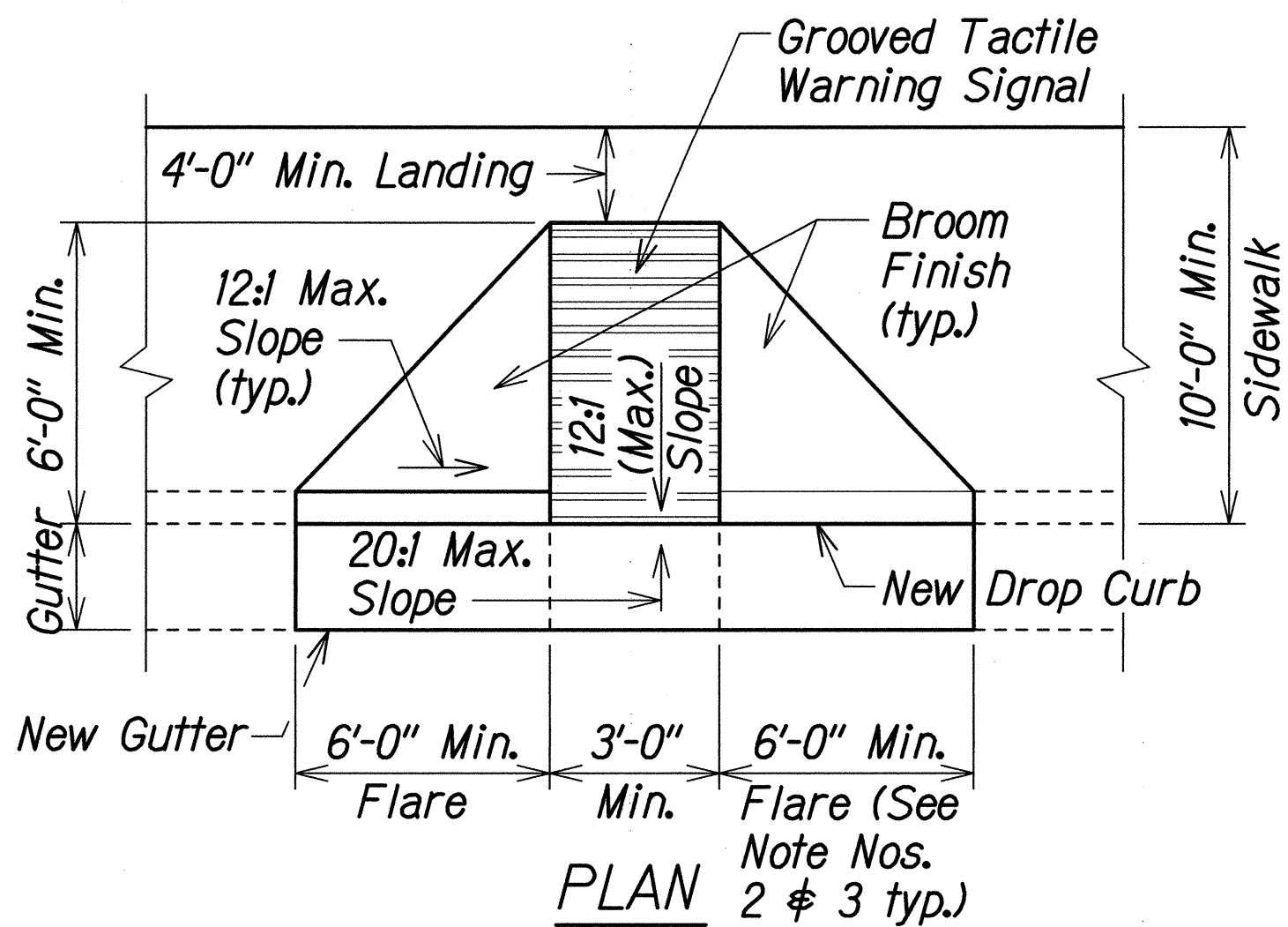


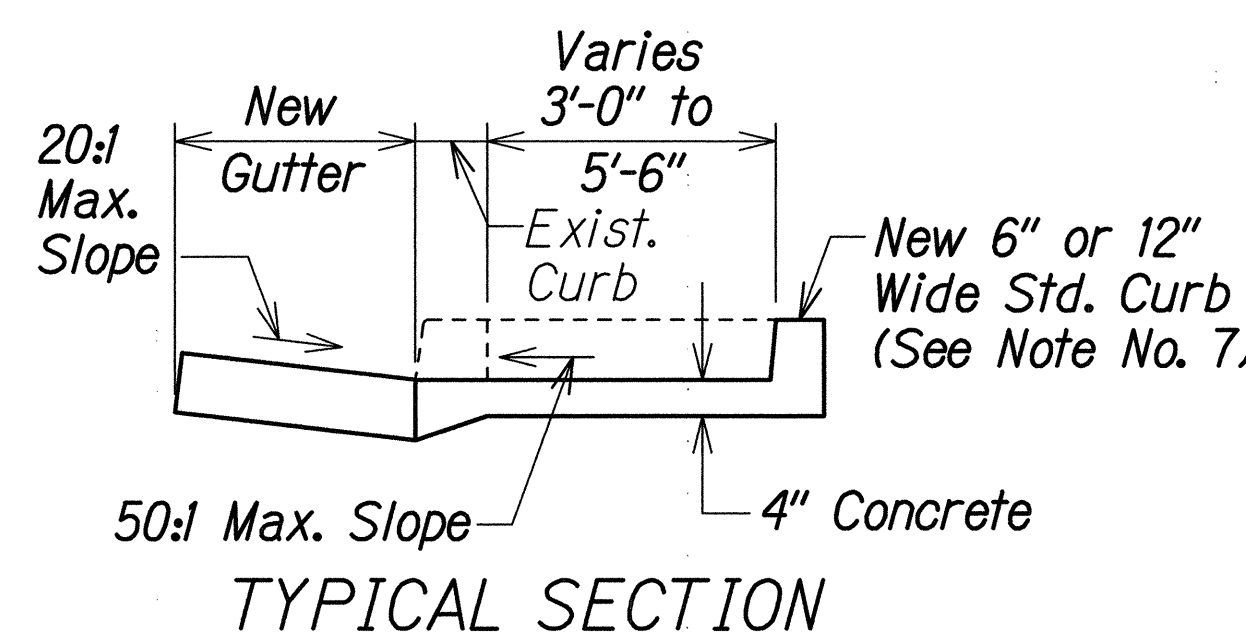
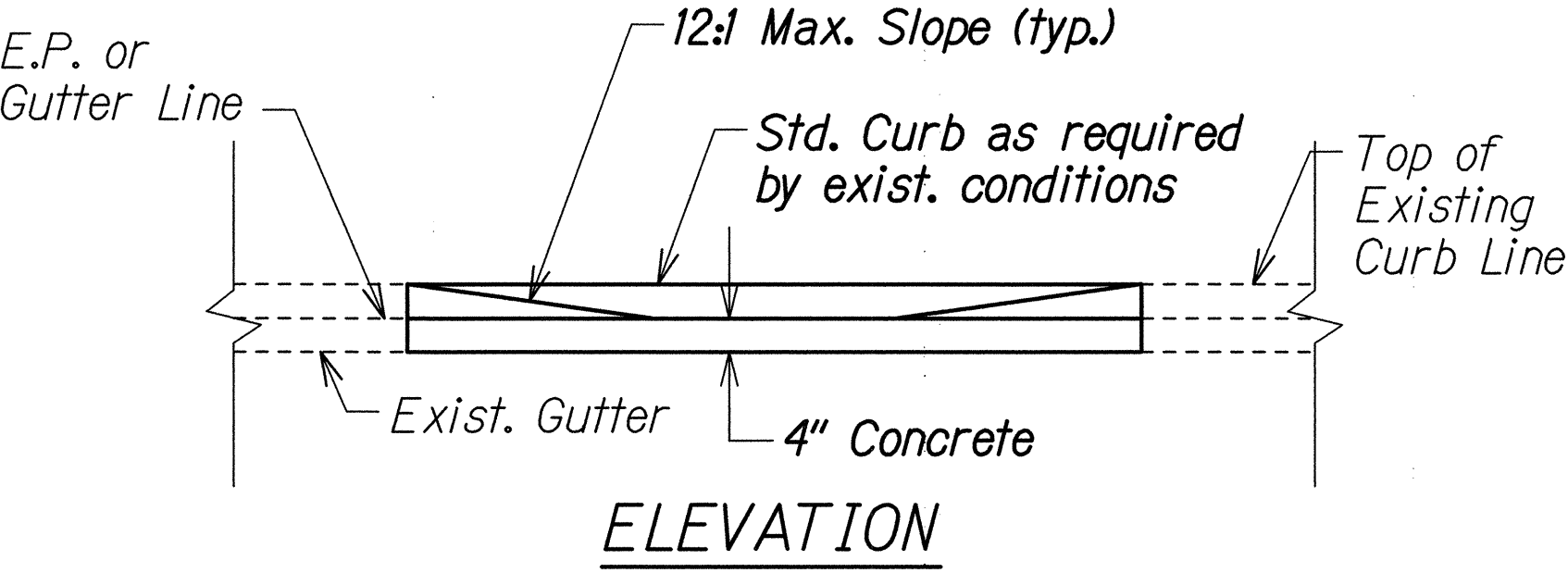
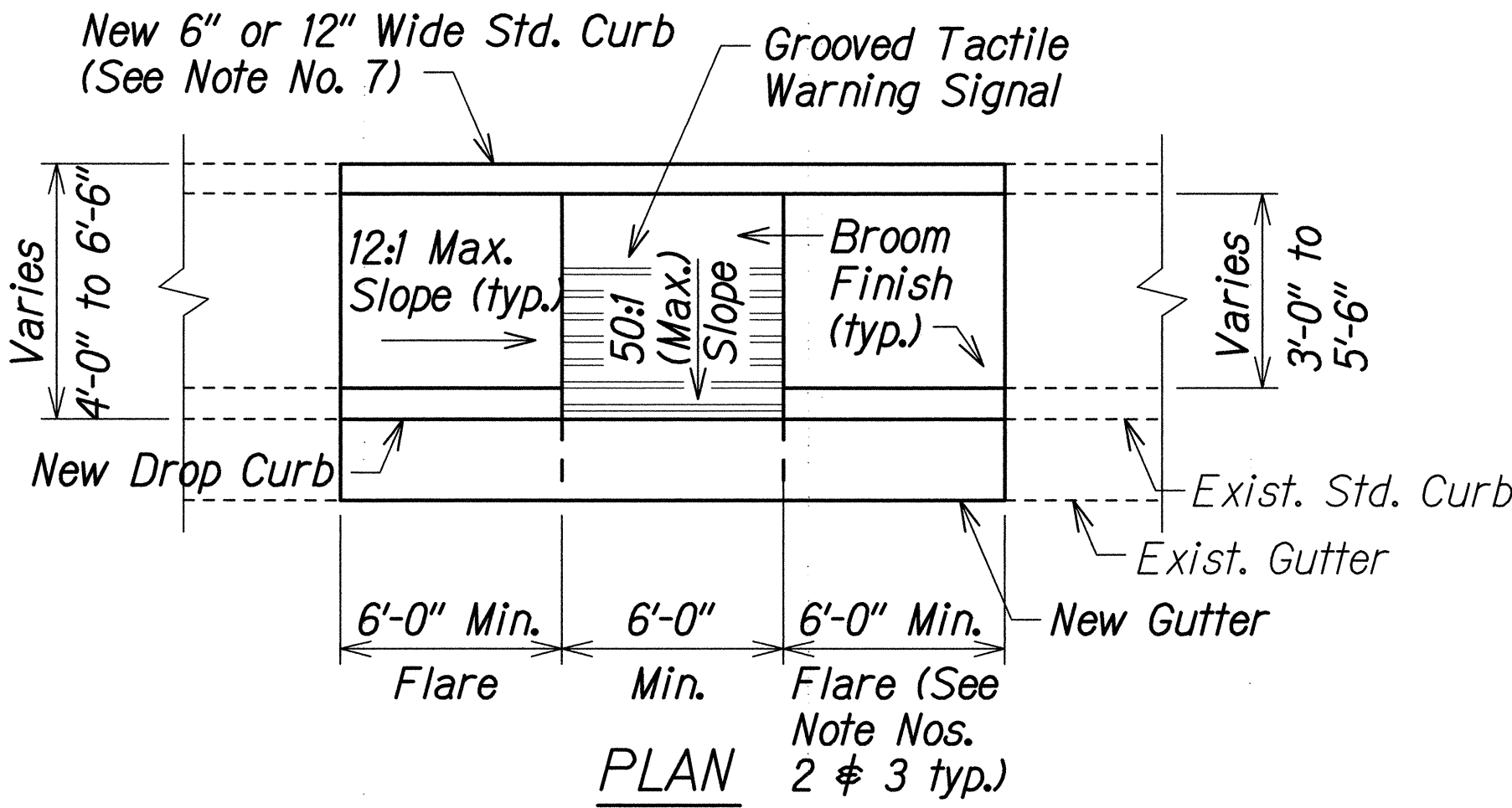
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	2000E-01-00	2000	21	60

CURB RAMP NOTES:

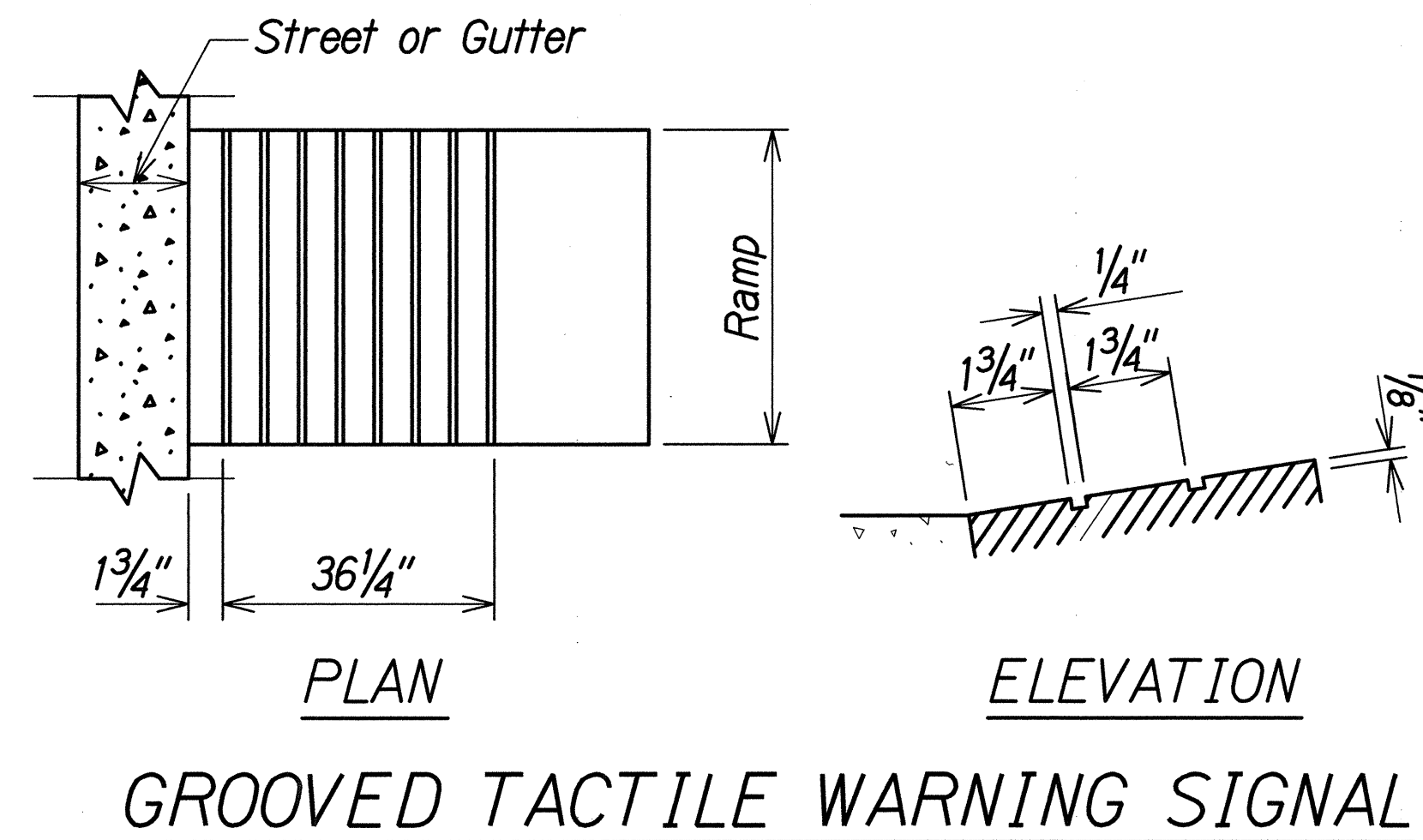
- The New Gutter fronting the curb ramps shall not exceed a slope of 20:1 maximum. Areas without a gutter shall be handled on a case by case basis in order to meet the 20:1 maximum slope requirement.
- The New Gutter fronting the 6'-0" minimum flares on both sides of the New Curb Ramps shall have a transition slope from 20:1 maximum to the existing gutter slope.
- When the curb exceeds the standard 6" height, the side flares and ramp may be greater than 6'-0" in order to meet the 12:1 maximum slope requirement.
- Curb Ramps shall be reinforced if adjacent sidewalks are reinforced.
- All new adjacent sidewalks should have a minimum width of 6'-0" excluding the curb and the cross slope shall not exceed 50:1.
- The Contractor shall use the Edge of Pavement (E.P.) fronting the new curb or gutter as the control elevation when constructing the New Curb Ramp or Curb Ramp with gutter.
- The New Standard Curb shall be 12" wide at signalized intersection or mid-block pedestrian crossings. For sidewalk width, excluding curb, is less than 4'-0", an Engineer approved, modified sidewalk with a minimum 3'-0" wide curb ramp and a 12" wide standard curb shall be installed.
- The width of Curb Ramp including curbs shall match the width of the sidewalk. When the sidewalk width is less than 4'-0", an Engineer approved, modified sidewalk with a minimum 3'-0" wide curb ramp excluding curbs shall be installed. Standard curbs shall be installed on all Type "D" and Modified Type "D" Curb Ramps.



CURB RAMP - TYPE "A"
SIDEWALK WIDTH 10'-0" OR GREATER



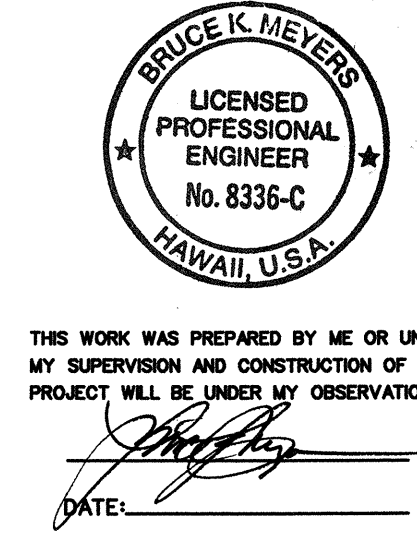
CURB RAMP - TYPE "B"
SIDEWALK WIDTH 4'-0" OR GREATER
BUT LESS THAN 7'-0" WIDTH
(FOR EXISTING SIDEWALK ONLY)



GROOVED TACTILE WARNING SIGNAL

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

9905014puaens01.dgn



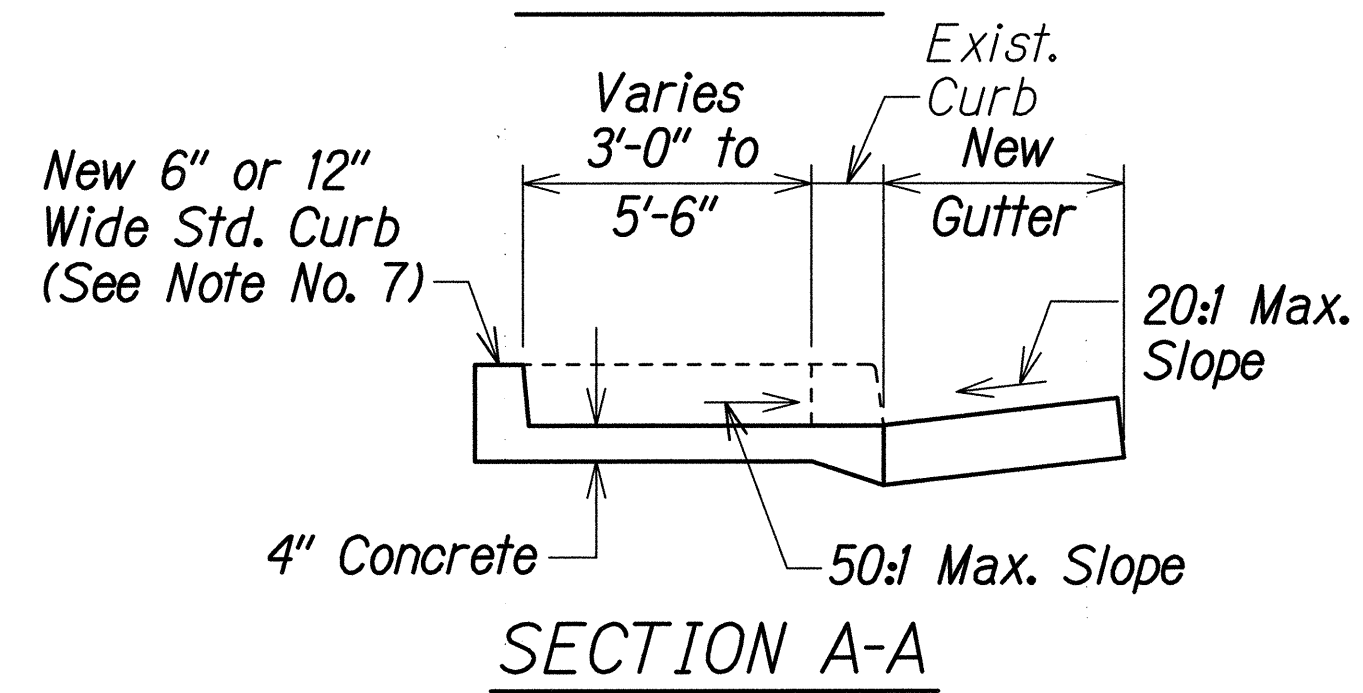
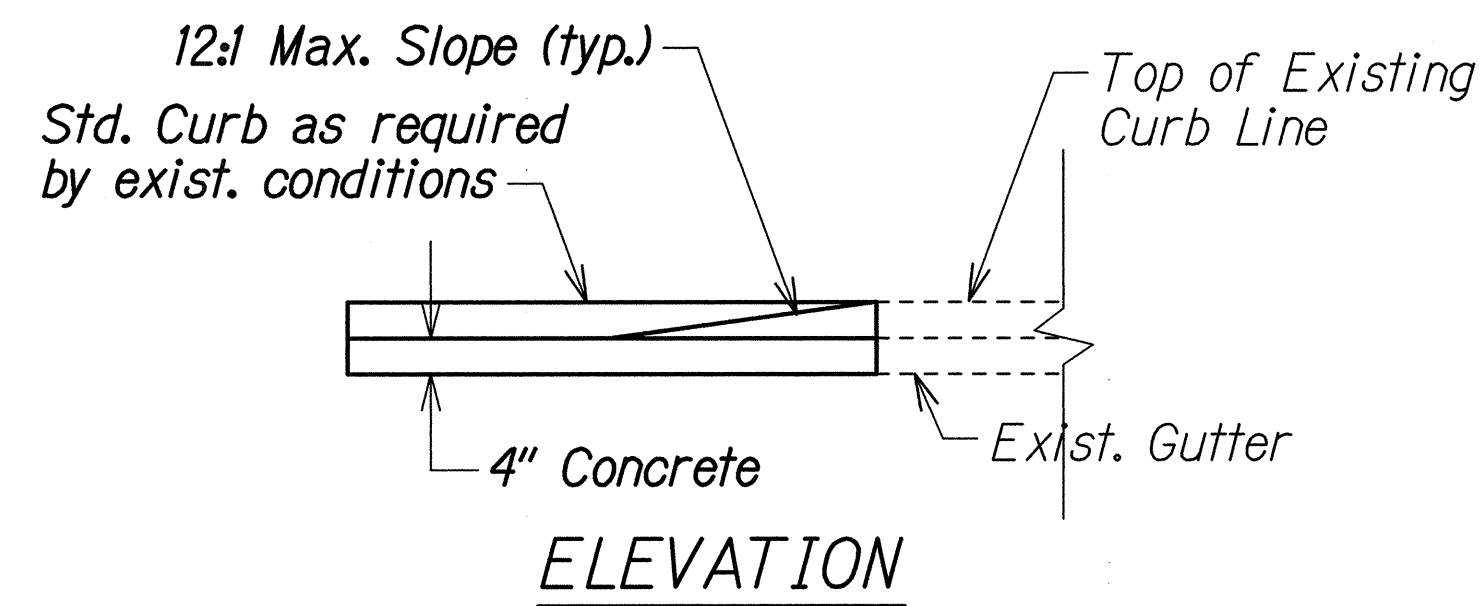
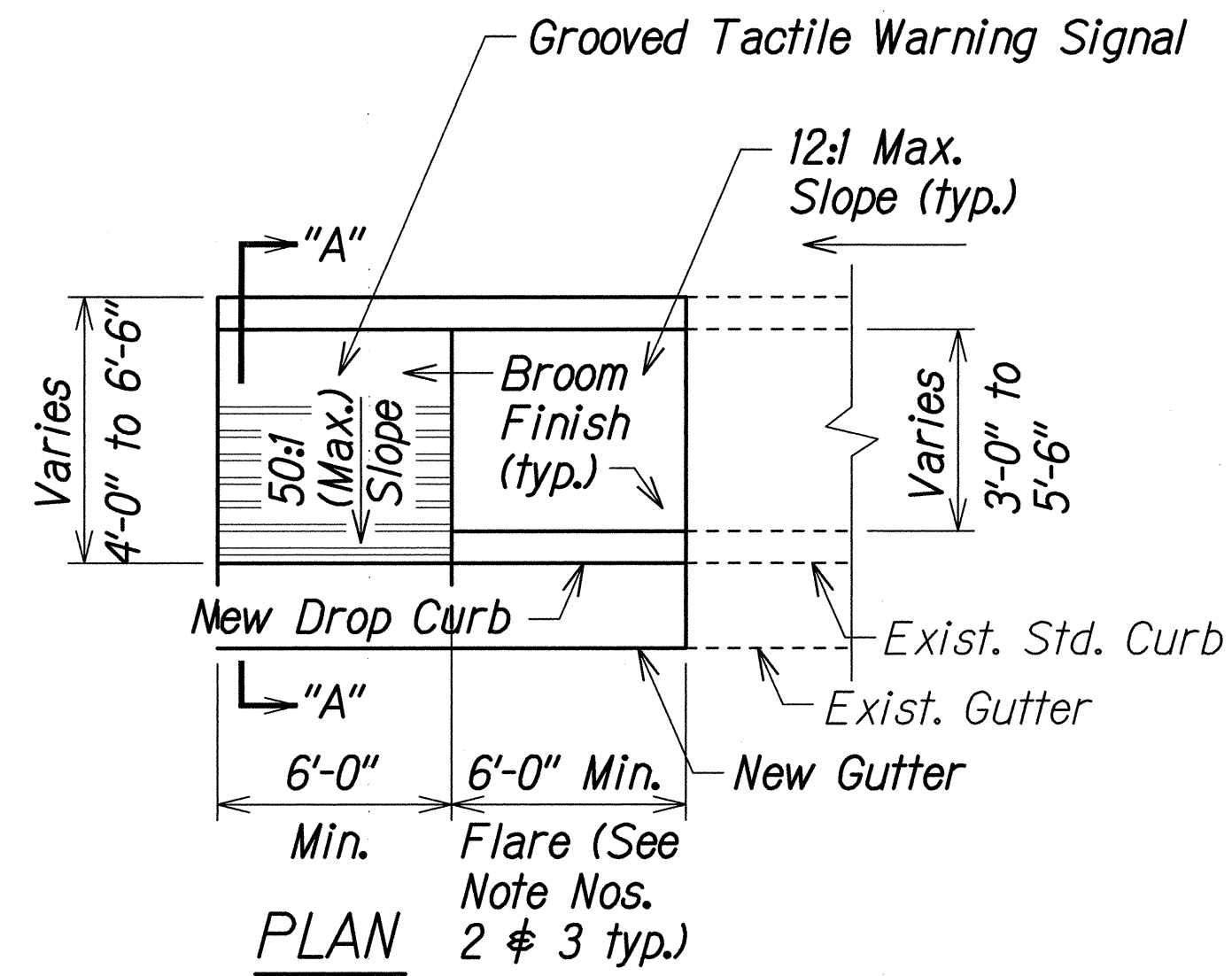
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

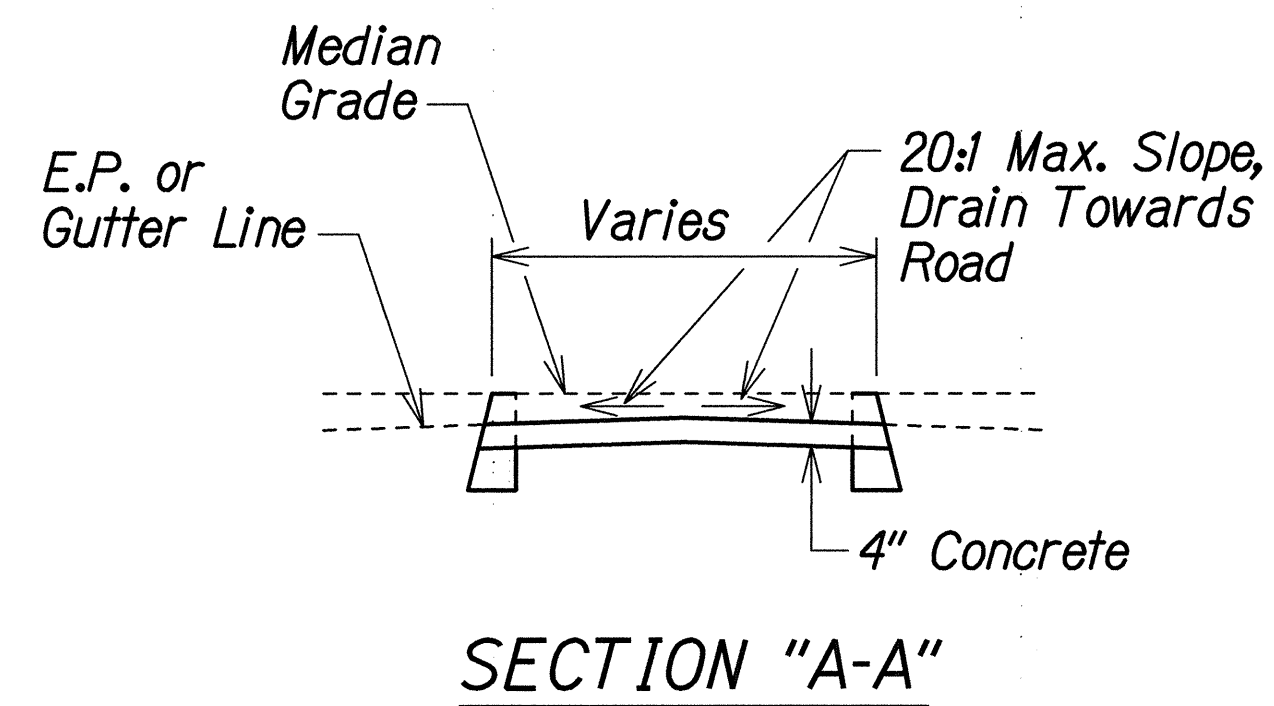
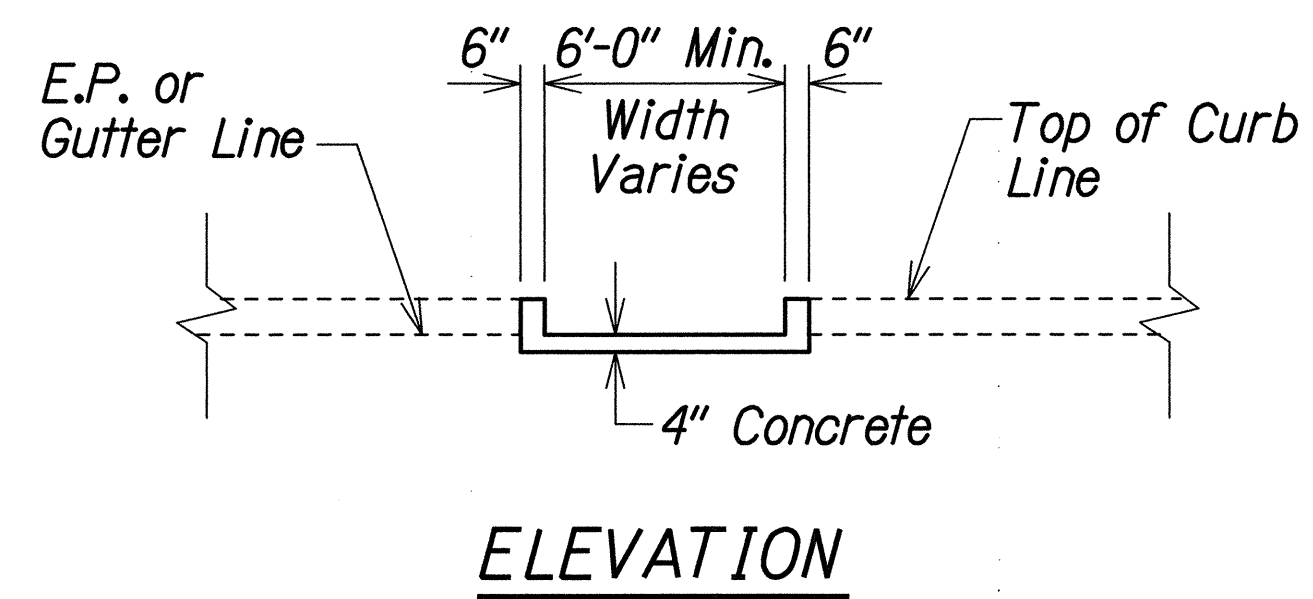
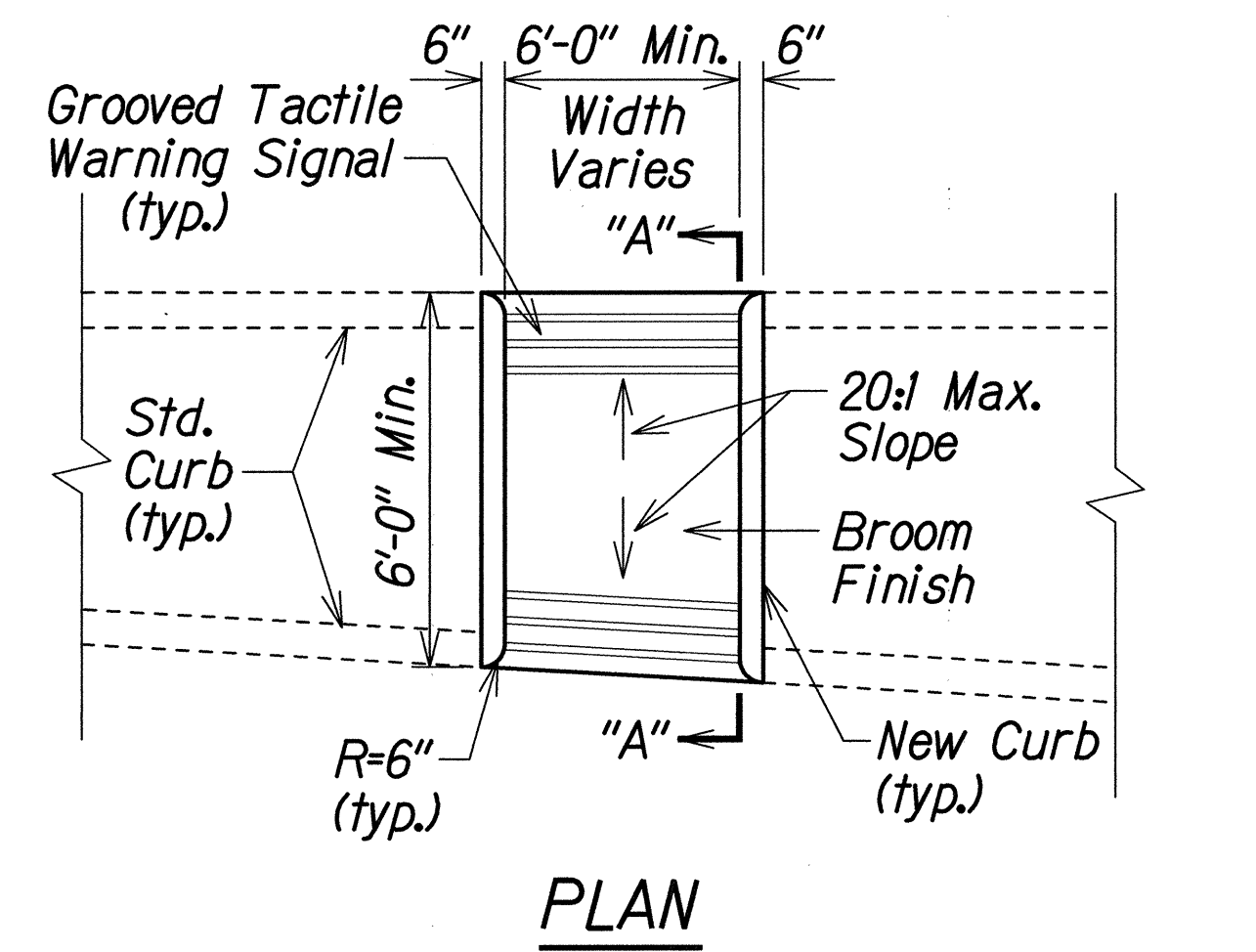
CURB RAMP DETAILS

PUAINAKO STREET IMPROVEMENTS, PHASE 1
Kilauea Ave. to Kanoehua Ave.
Project No. 2000E-01-00
Scale: N.T.S. Date: May, 2000

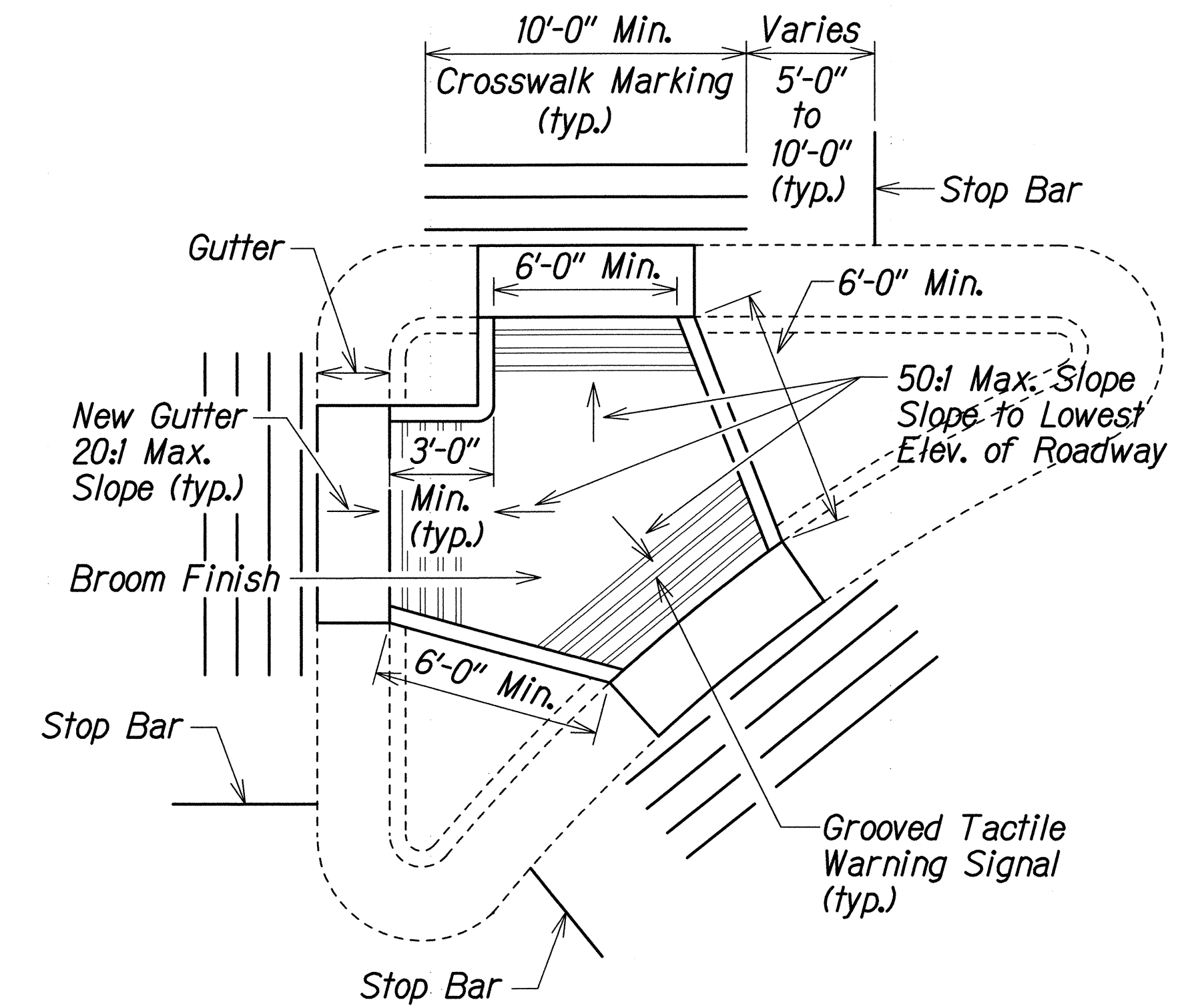
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	2000E-01-00	2000	22	60



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



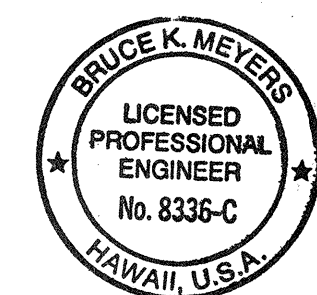
CURB RAMP - TYPE "C"
USE AT MEDIAN CROSSINGS, ISLANDS



CURB RAMP - TYPE "C" MODIFIED

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTE BOOK	
N.	

93050/4/puainak02.dgn



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DATE: *[Signature]*

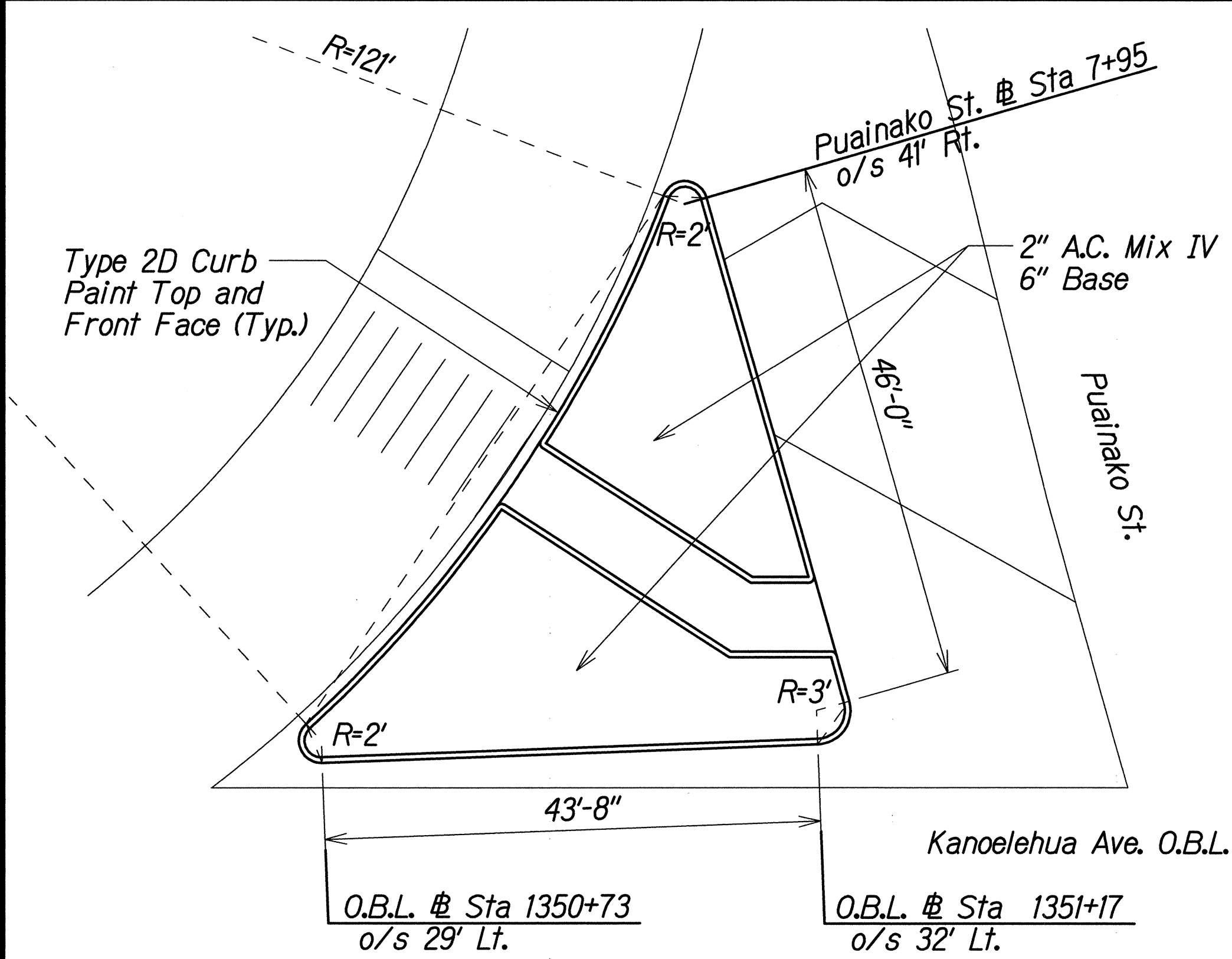
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CURB RAMP DETAILS

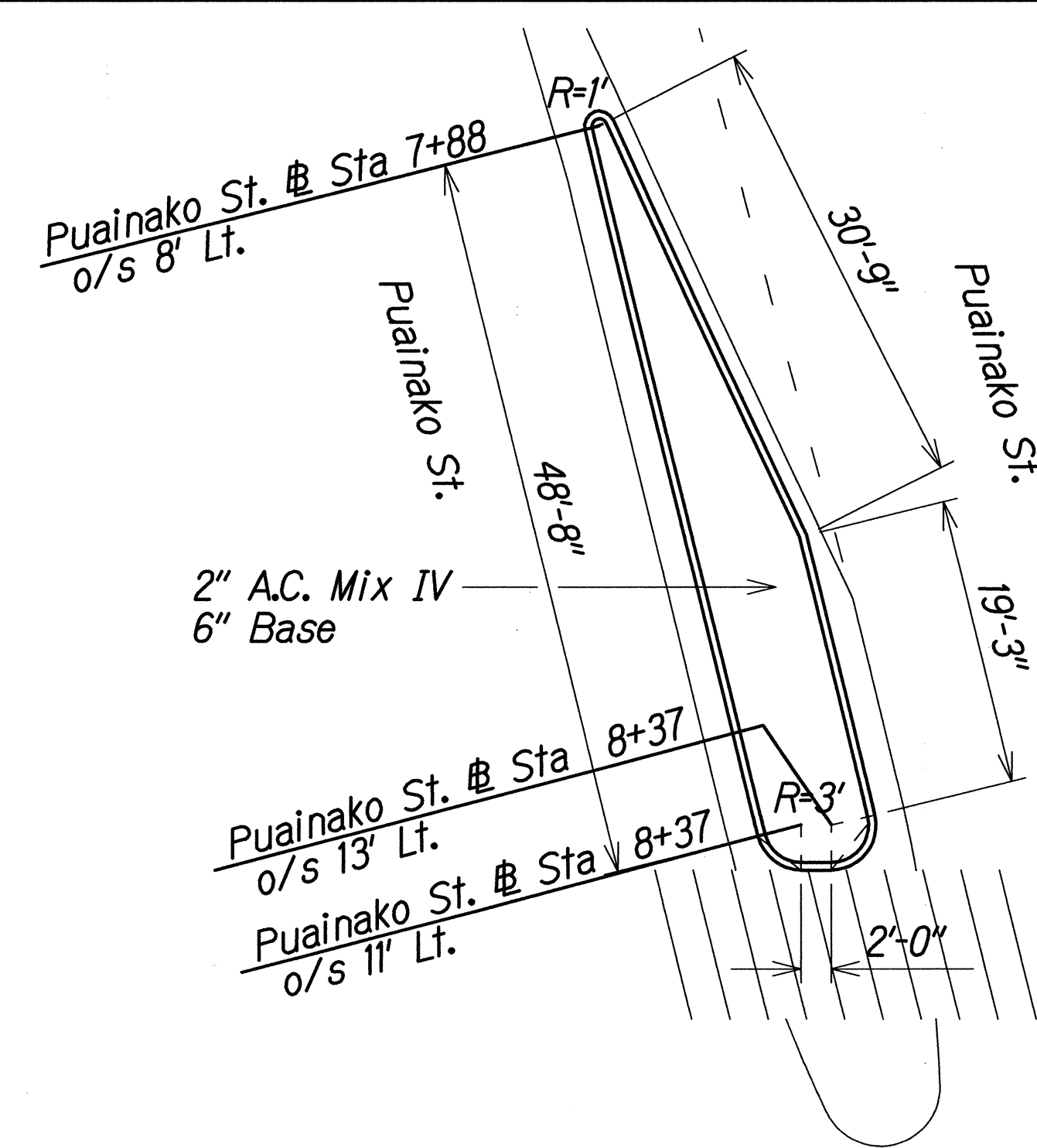
PUAINAKO STREET IMPROVEMENTS, PHASE 1
Kilauea Ave. to Kanoiehewa Ave.
Project No. 2000E-01-00
Scale: N.T.S. Date: May, 2000

SHEET No. 2 OF 3 SHEETS

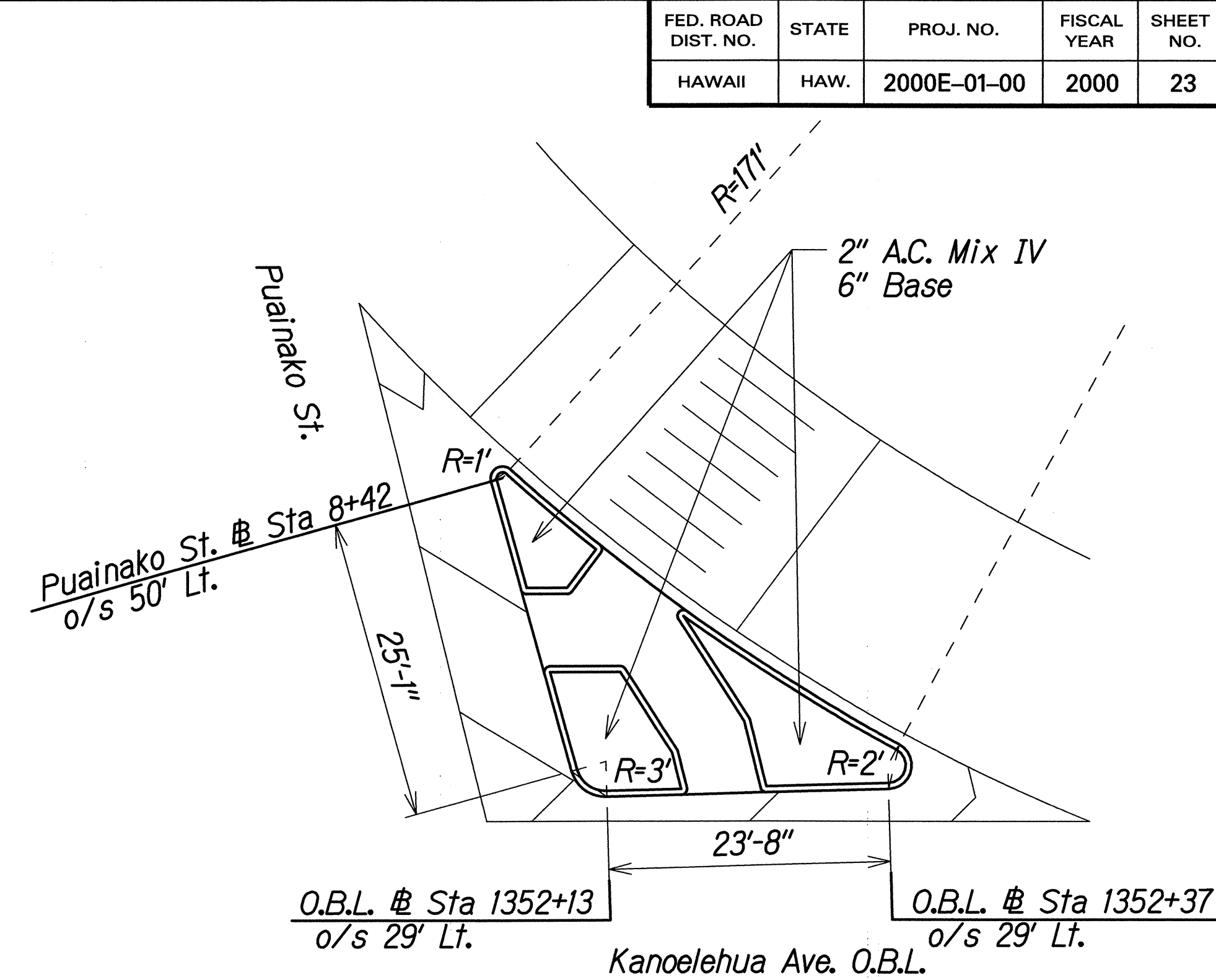
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	2000E-01-00	2000	23	60



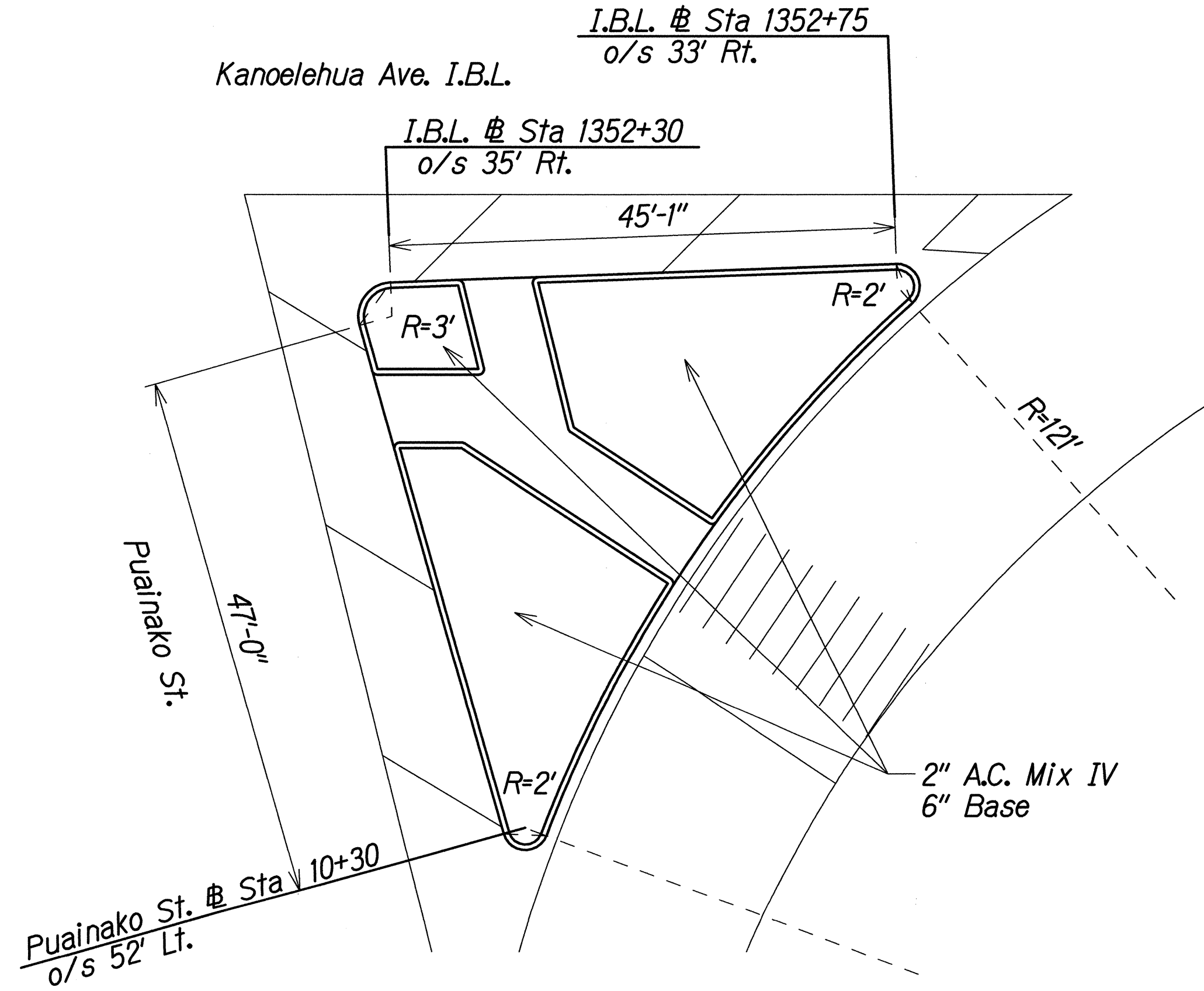
CORNER ISLAND - SW CORNER



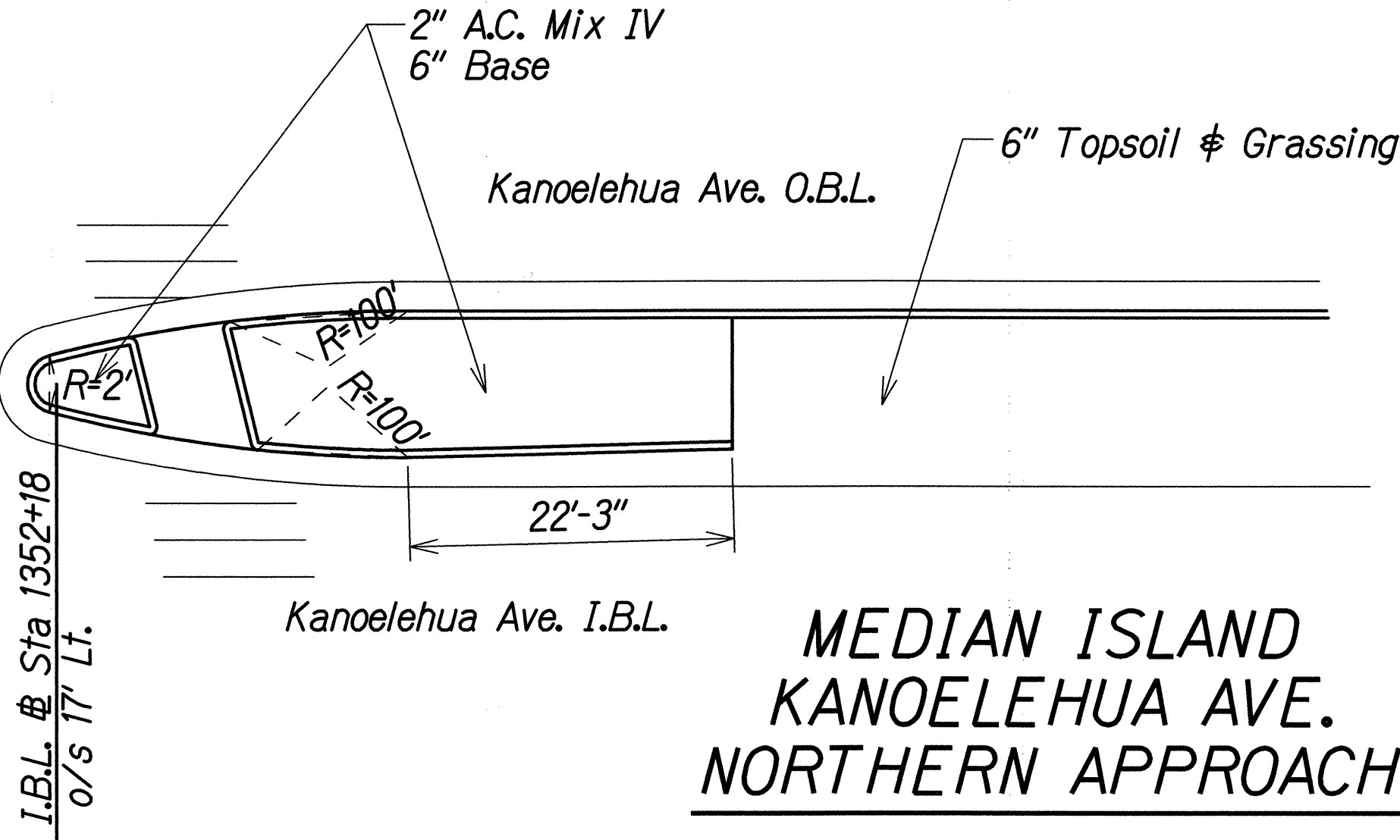
MEDIAN ISLAND
PUAINAKO STREET
WESTERN APPROACH



CORNER ISLAND - NW CORNER



CORNER ISLAND - NE CORNER



MEDIAN ISLAND
KANOELEHUA AVE.
NORTHERN APPROACH

DATE	
SURVEY PLOTTED BY	
DESIGNED BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
NOTE BOOK	
PLAN	
NO.	

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CURB RAMP DETAILS
PUAINAKO STREET IMPROVEMENTS, PHASE 1
Kilauea Ave. to Kanoelehua Ave.
Project No. 2000E-01-00
Scale: 1"=10' Date: May, 2000

SHEET No. 3 OF 3 SHEETS