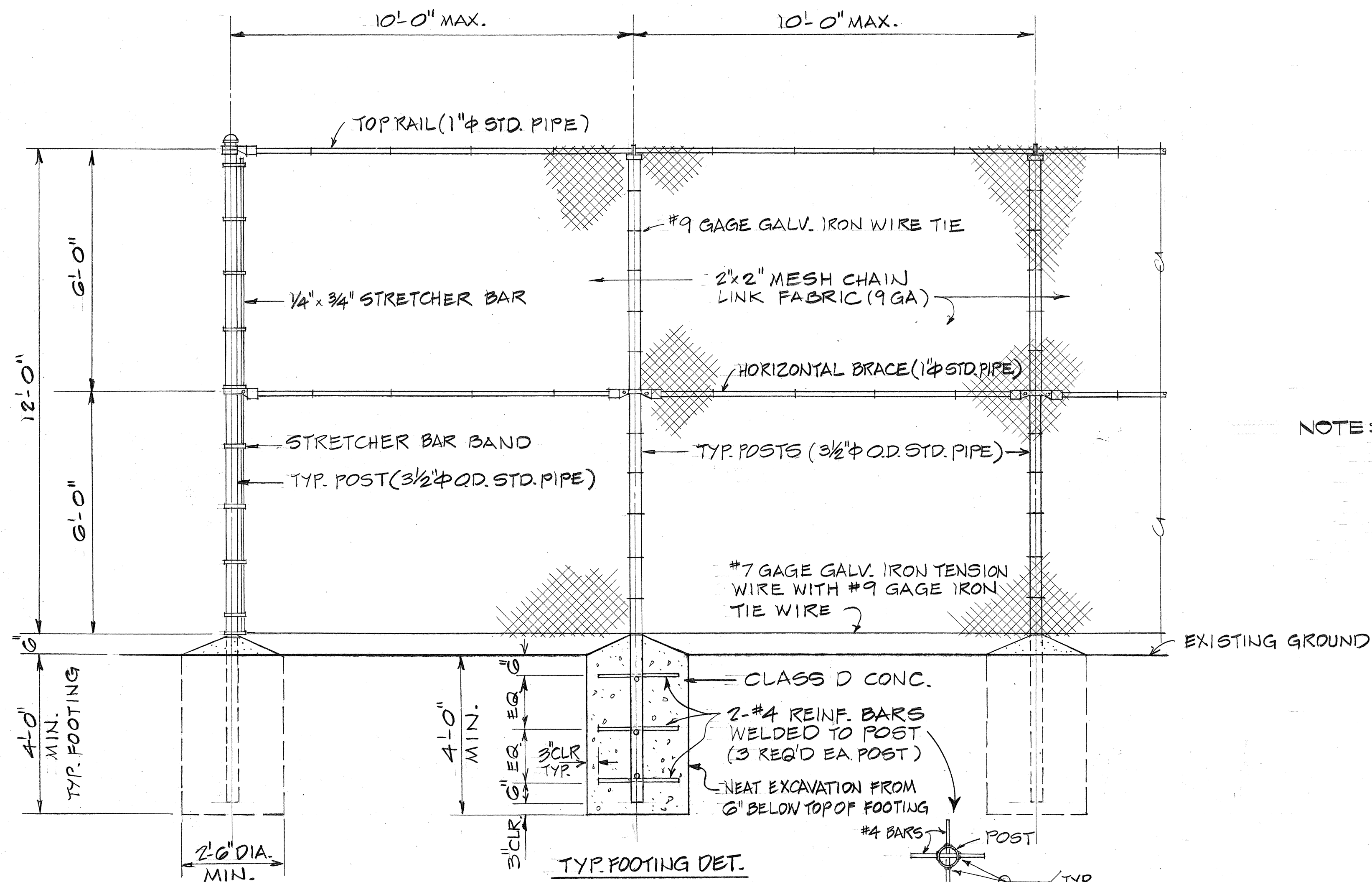


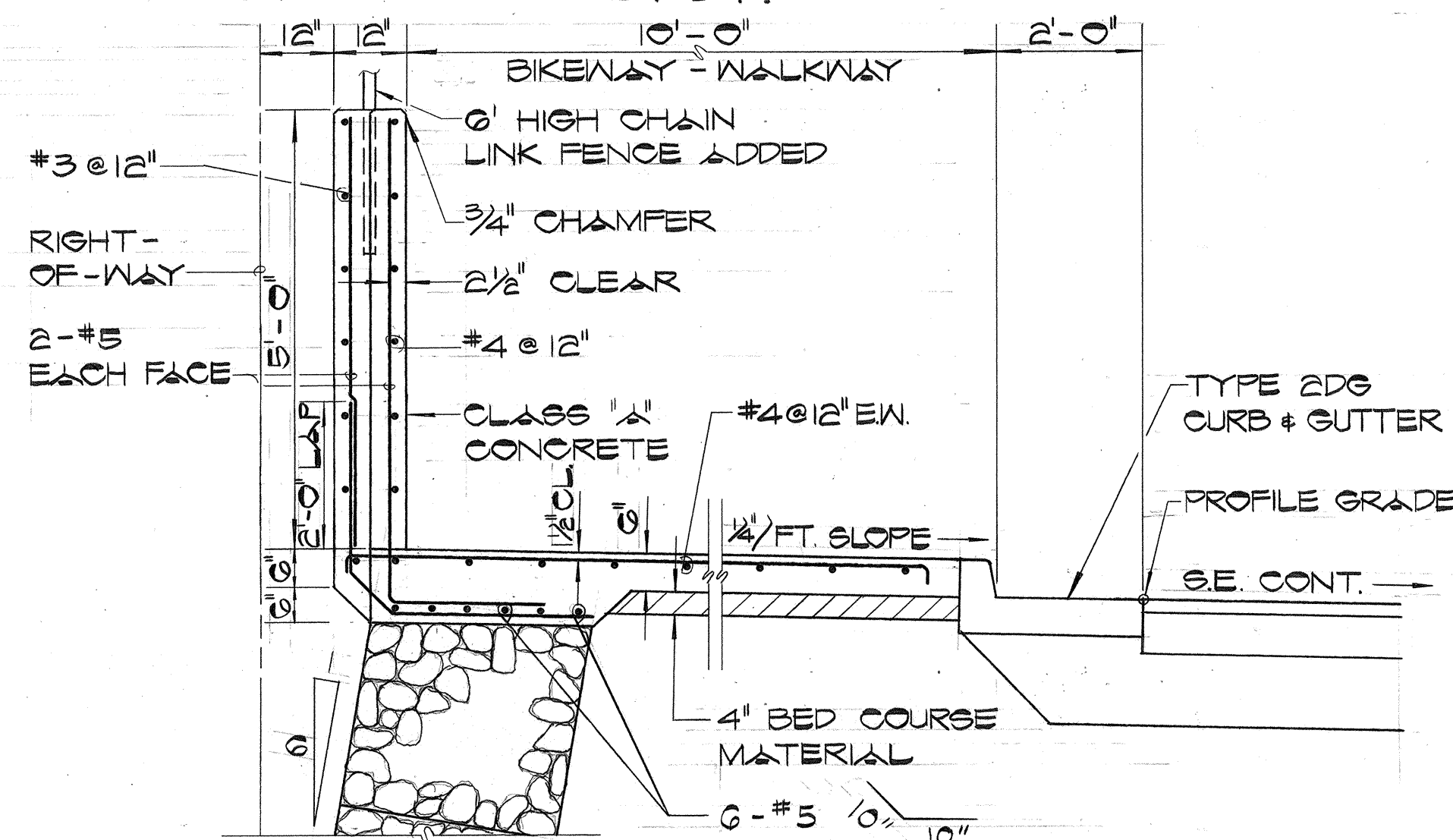
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-078-1(21)	1980	20	234



12 FT. CHAIN LINK FENCE DETAILS

SCALE: 1/2" = 1'-0"

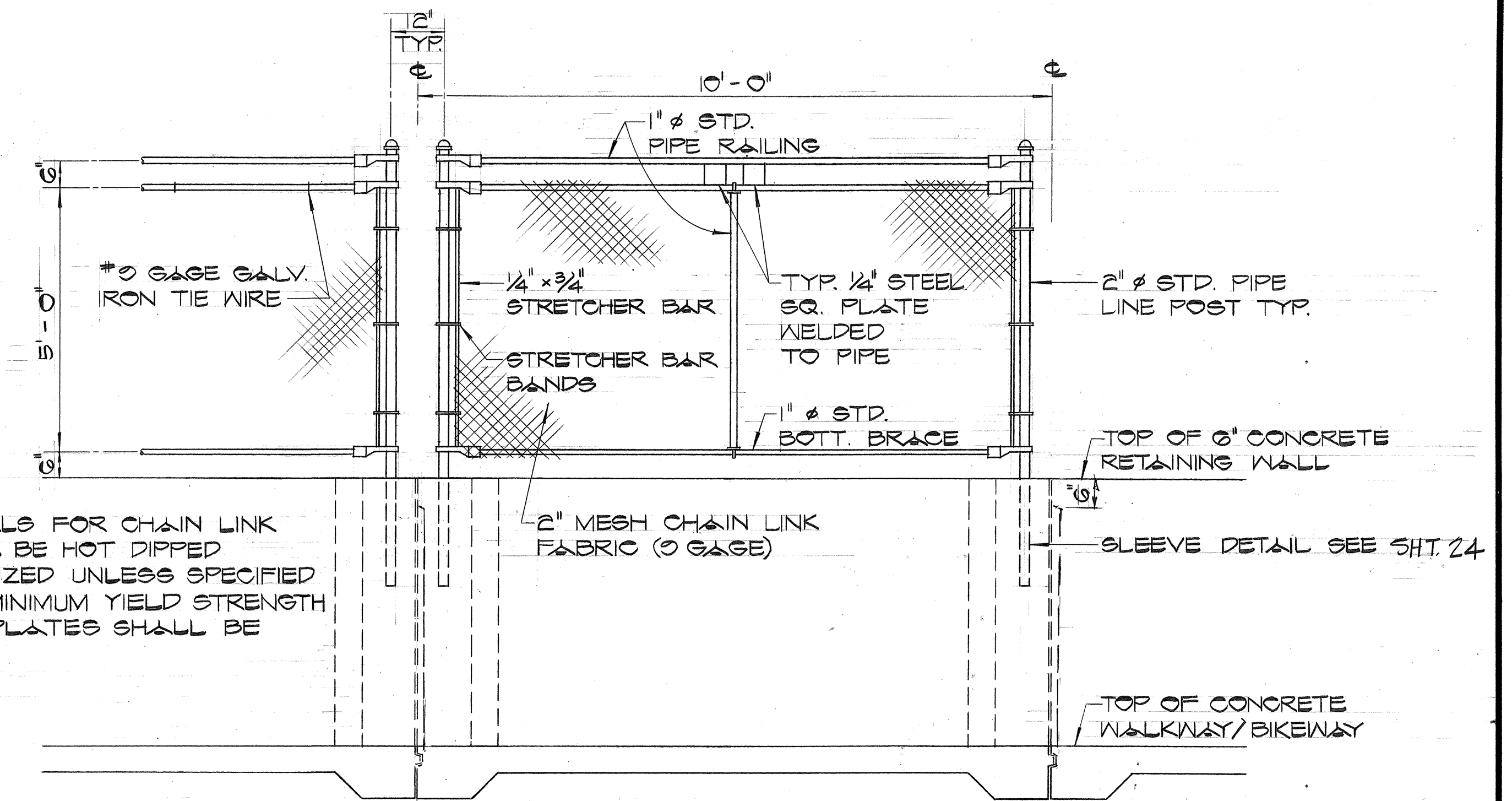
NOTE: FENCE DETAIL NOT SHOWN SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND ALSO SEE SHEET 24.



GABION RETAINING WALL NO. 4

SECTION

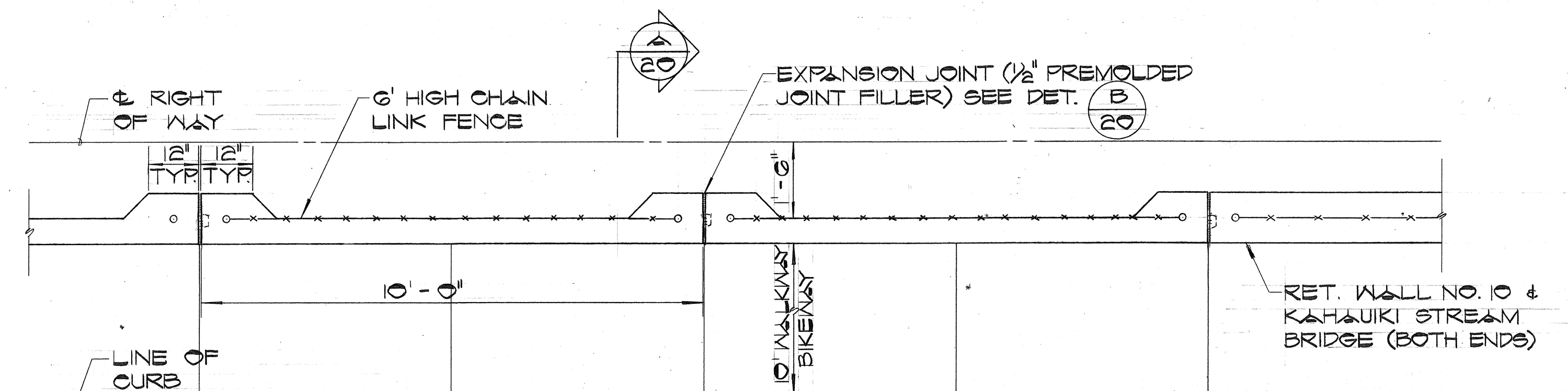
SCALE: 1/2" = 1'-0"



GABION RETAINING WALL NO. 4

6 FT. FENCE MOUNTED ON WALL

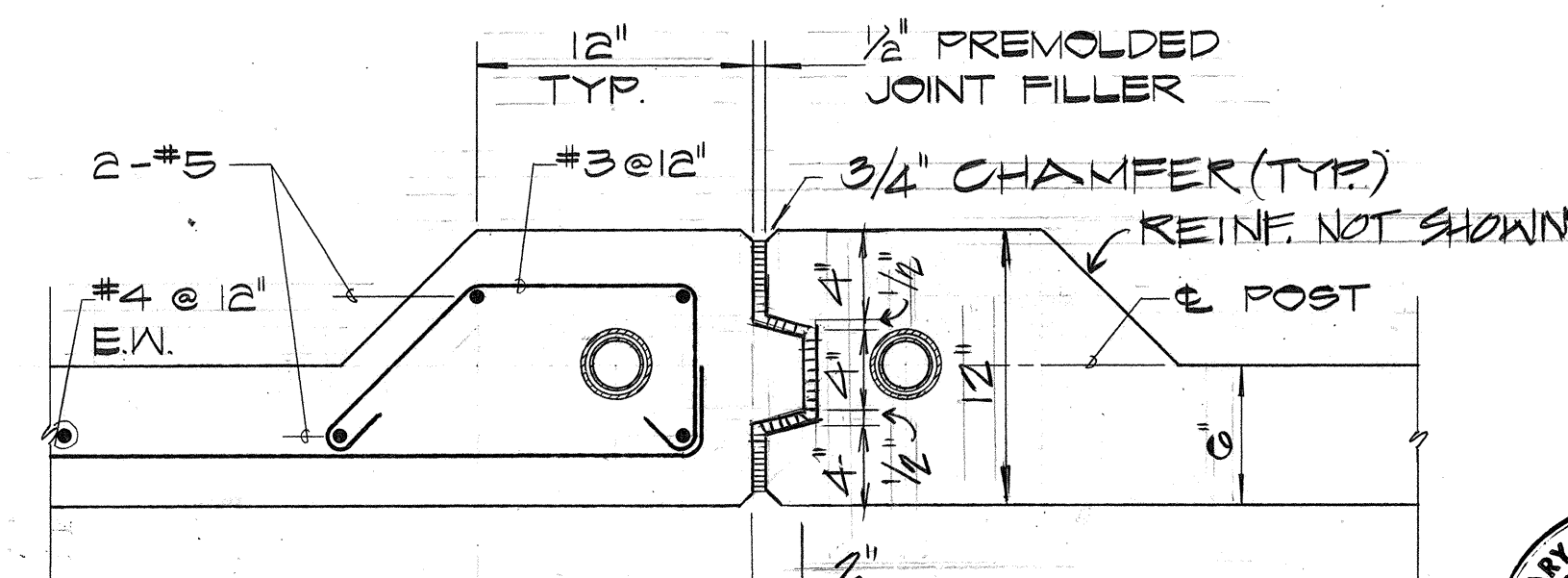
NO SCALE



GABION RETAINING WALL NO. 4

PLAN

NO SCALE



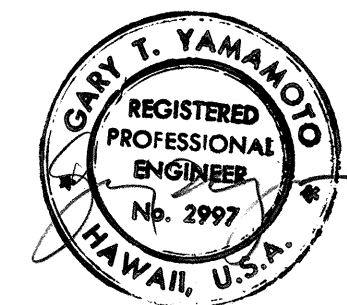
DETAIL B

SCALE: 1/2" = 1'-0"

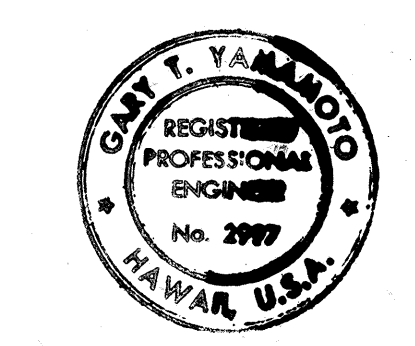
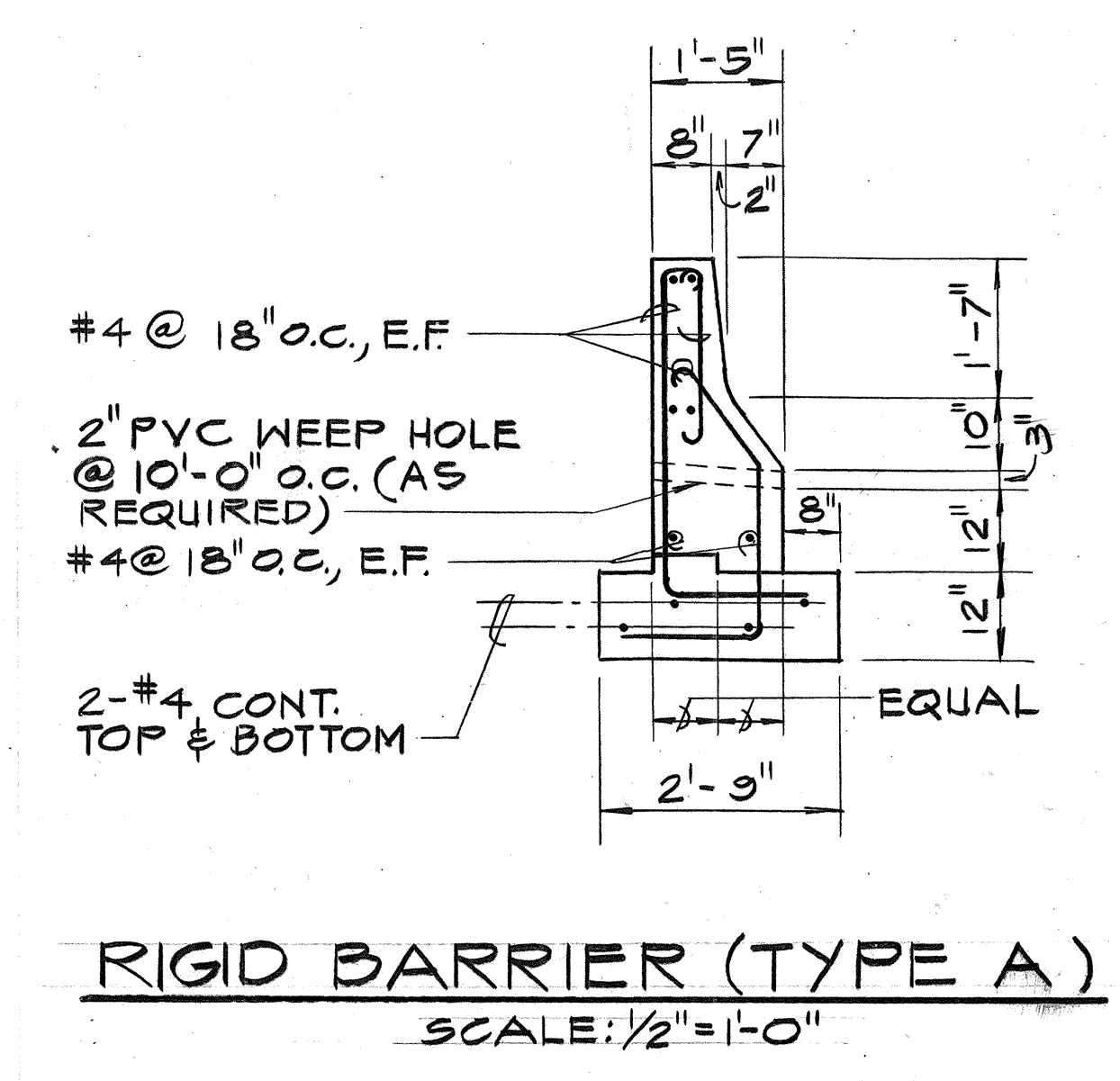
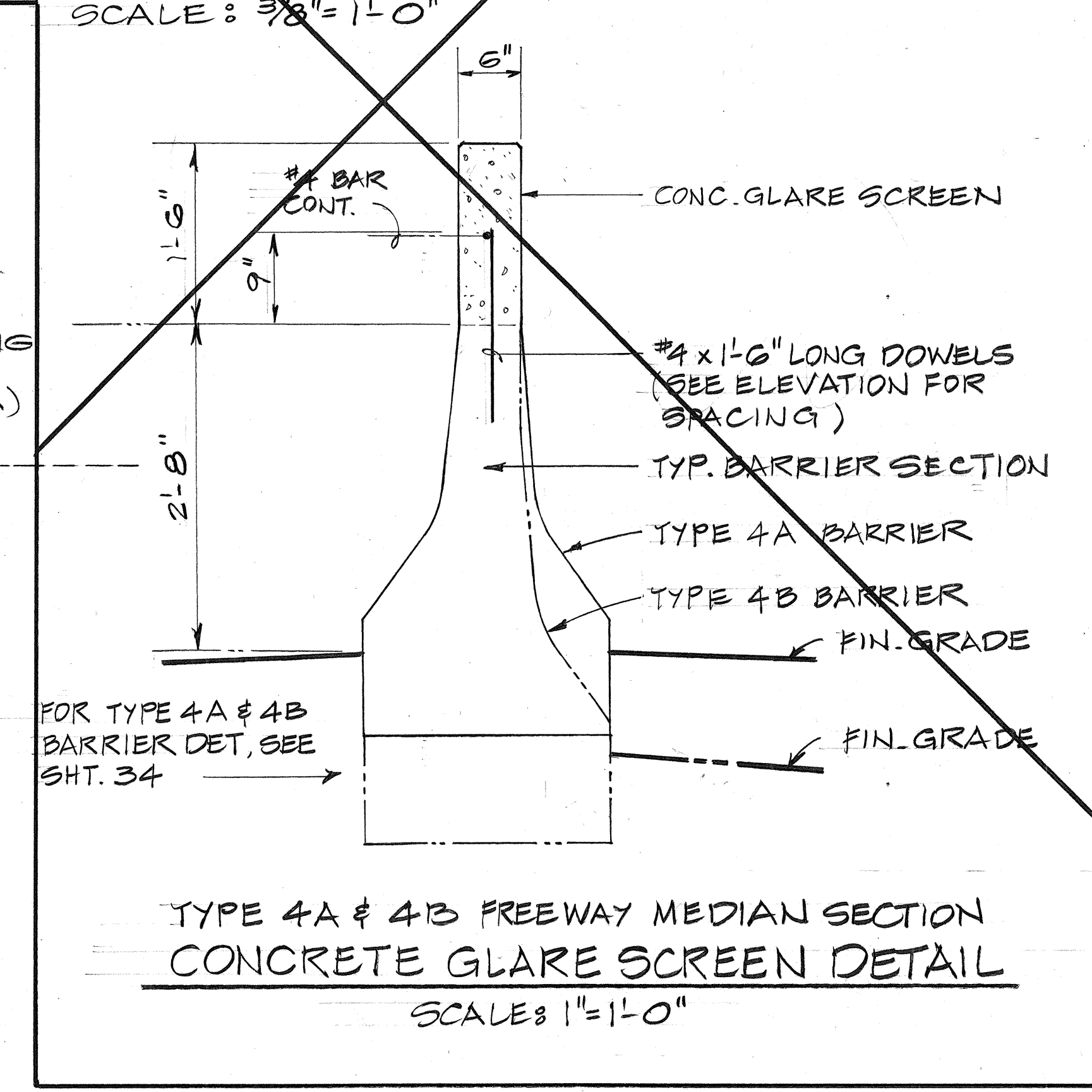
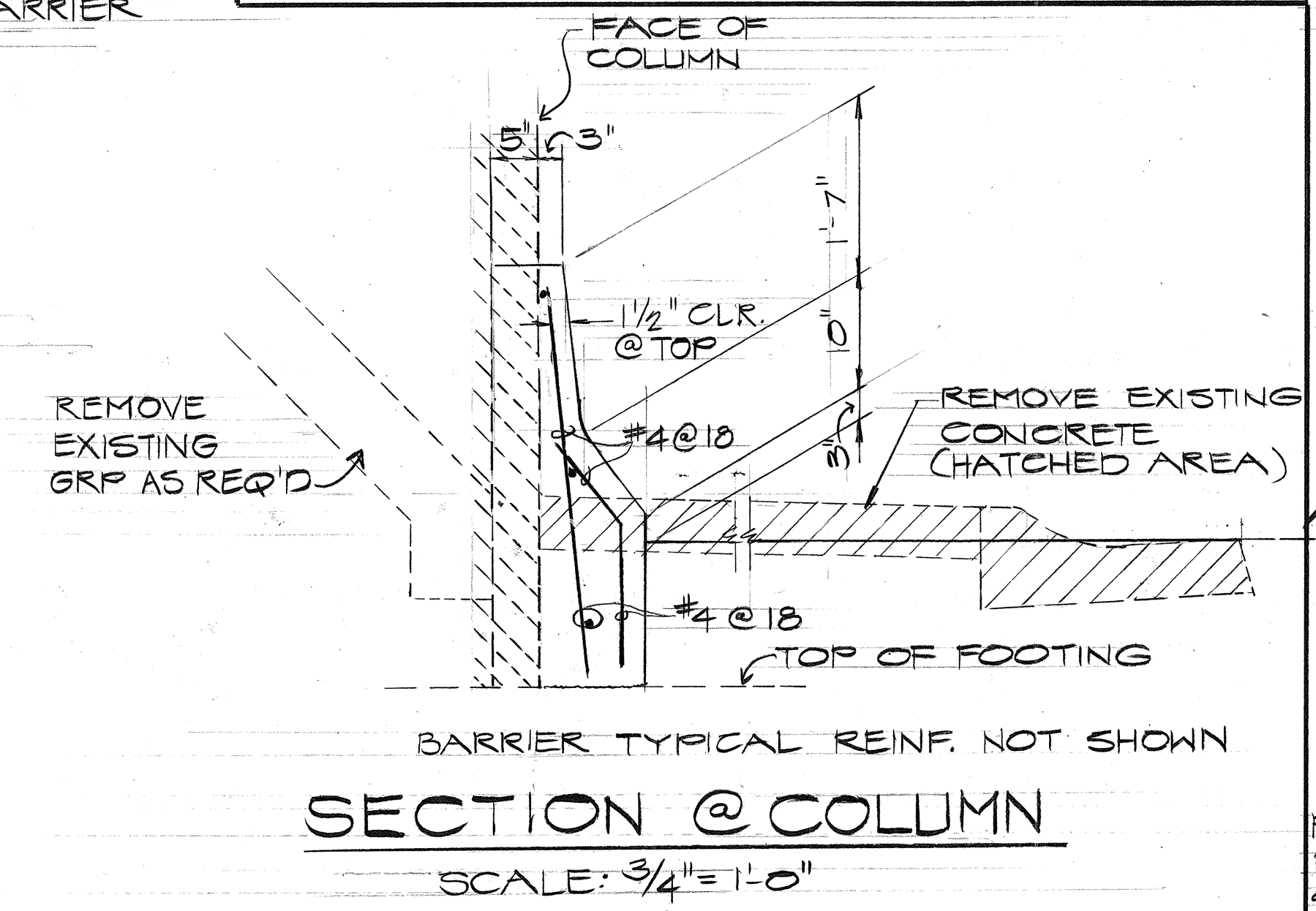
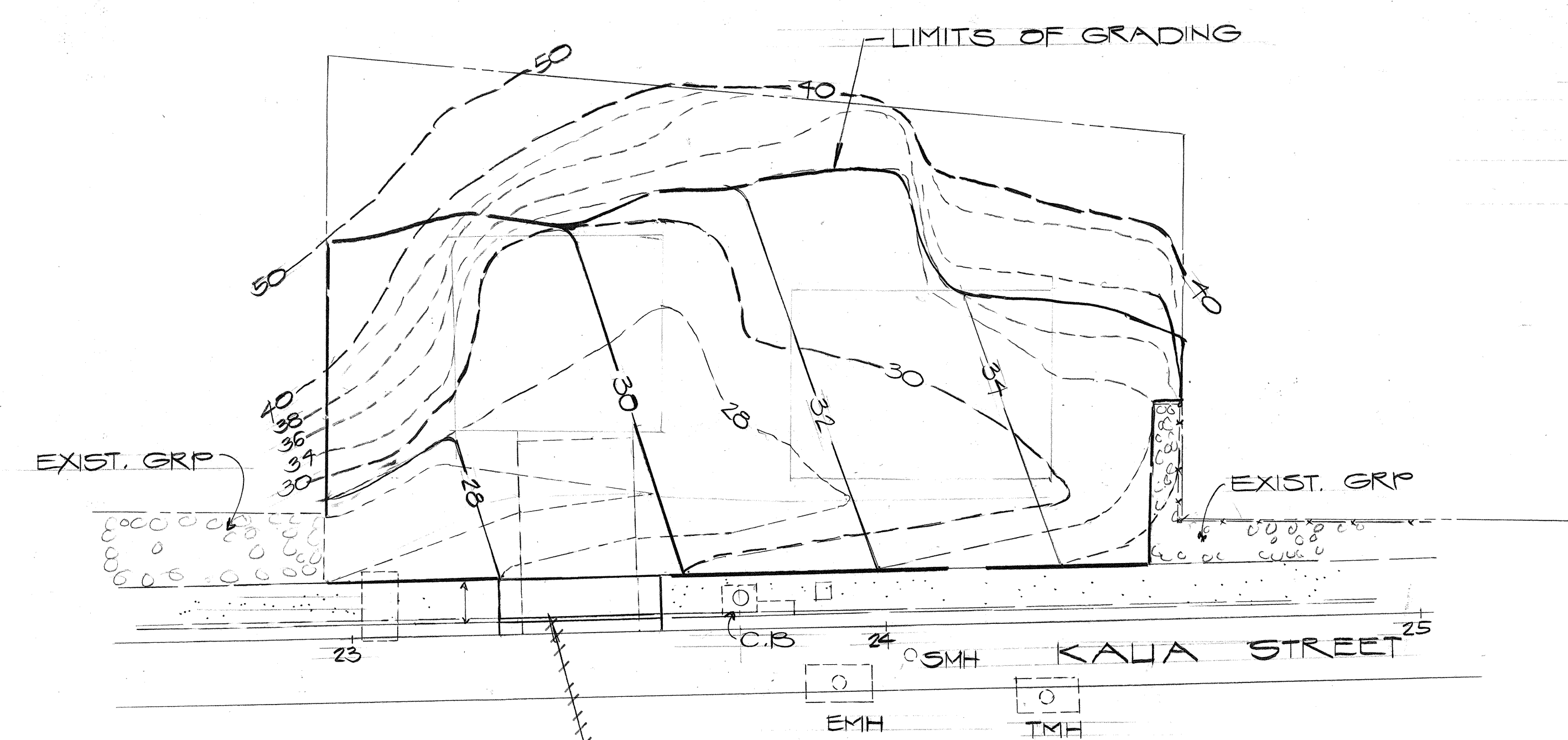
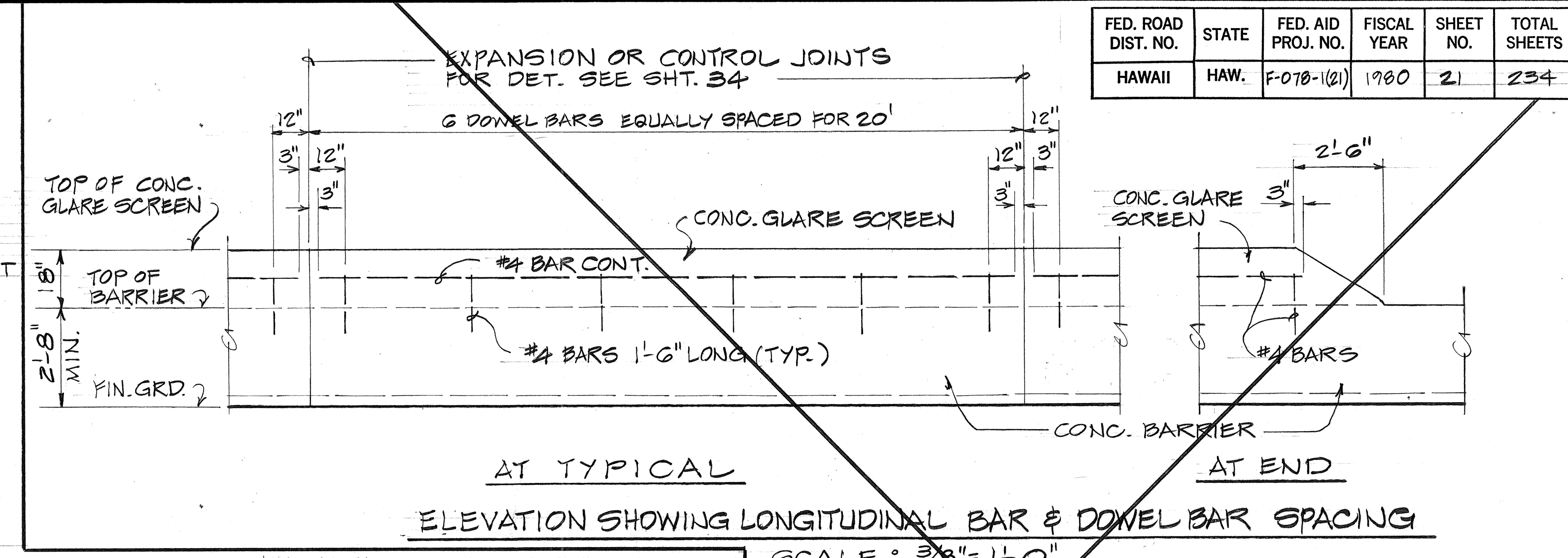
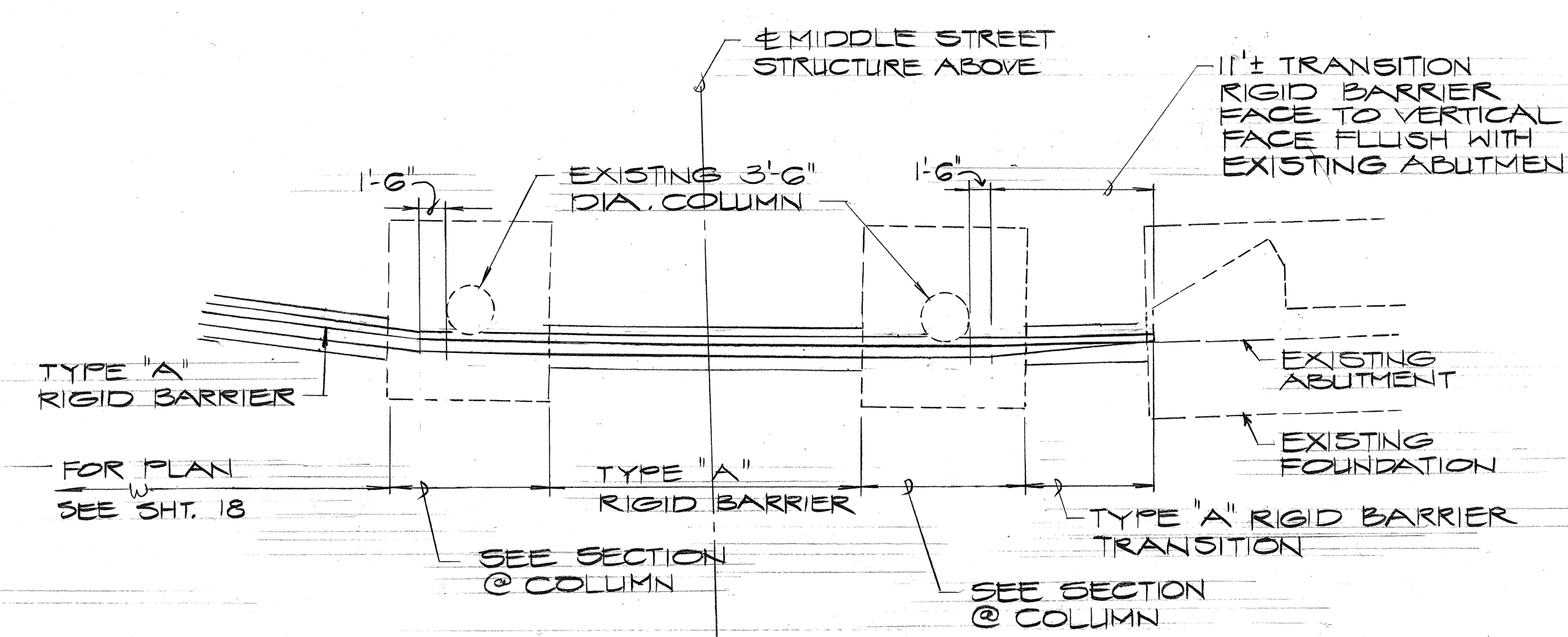


1/4/83	ADDED 6' HIGH CHAIN LINK FENCE AND REVISED GABION RET. WALL NO. 4
DATE	REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
MISCELLANEOUS DETAILS
MOANALUA ROAD PUULOA I.C. TO MIDDLE ST.-UNIT 3B P.A. Proj. No. F-078-1(21)
SCALE: AS SHOWN DATE: AUG. 1, 1979
SHEET NO. 1 OF 1 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-078-1(21)	1980	21	234



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS DETAILS

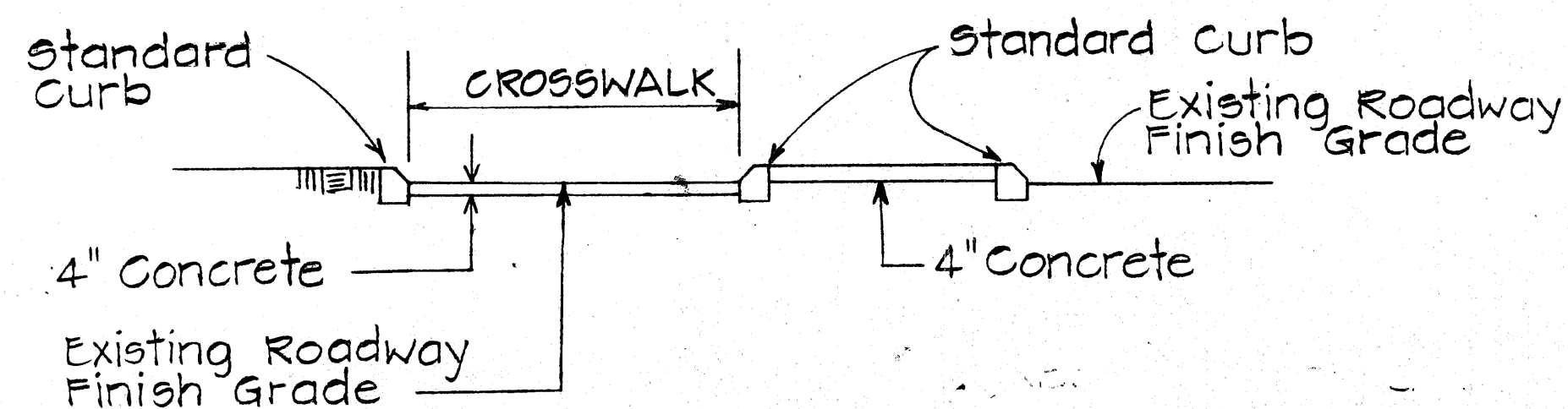
MOANALUA ROAD
PUULOA I.C. TO MIDDLE ST. - UNIT 3B
F.A. PROJ. NO. F-078-1(21)

SCALE: AS SHOWN DATE: AUG. 1, 1979
SHEET NO. OF SHEETS

- REFERENCE SHEETS
1. FOR LANDSCAPING PLAN SEE SHT. 107
 2. FOR SPRINKLER PLAN SEE SHT. 113
 3. FOR GRADING NOTES SEE SHT. 35
- INSTALL 30 LF. WALKWAY/BIKEWAY & CURB & CUTTER TYPE CONFORM WITH EXISTING

DATE	
DESIGNED BY	
CHECKED BY	
NOTED BY	
ORIGINAL PLAN	
NO.	

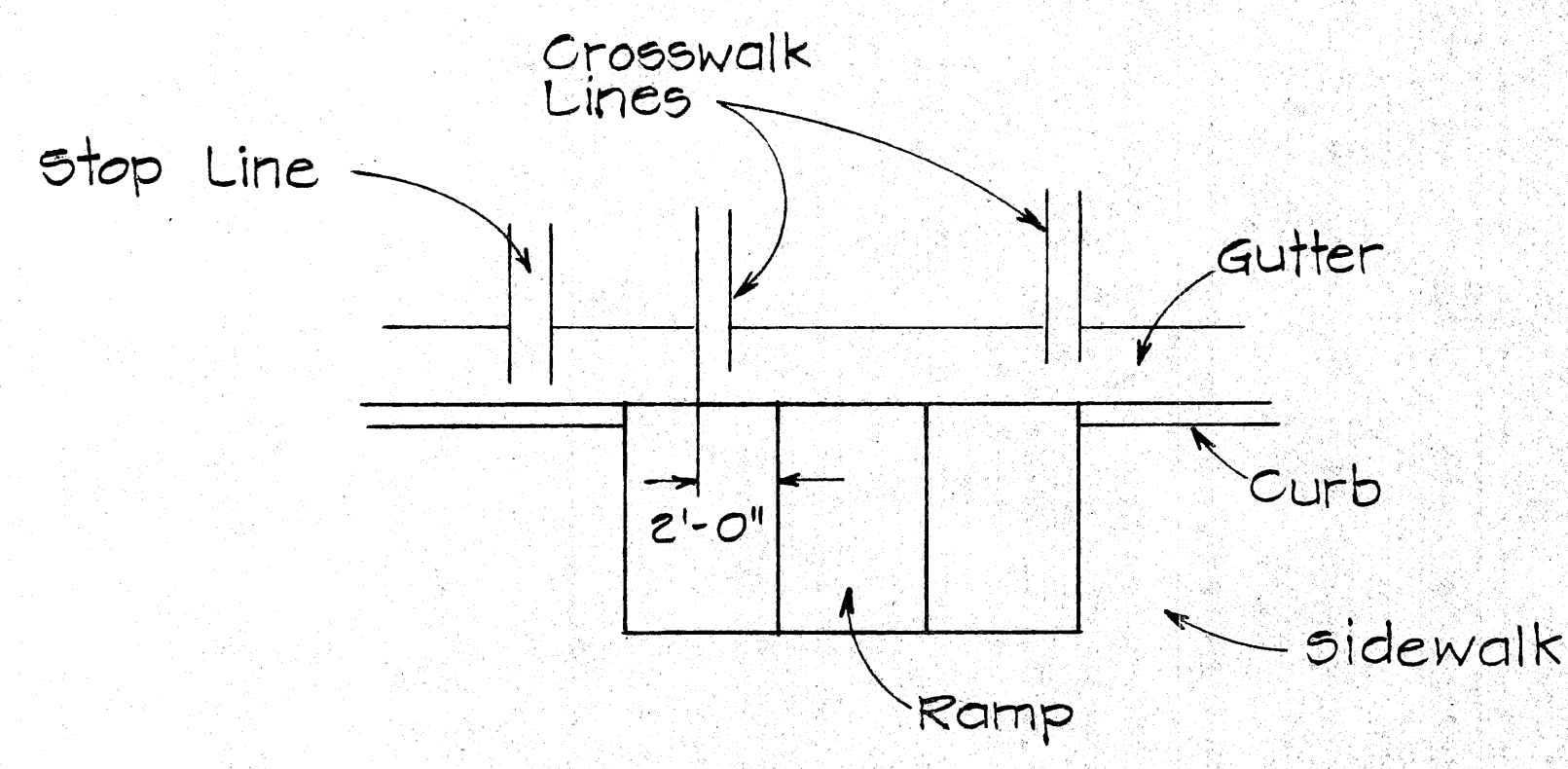
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-078-1(21)	1980	22	234



SECTION "A-A"

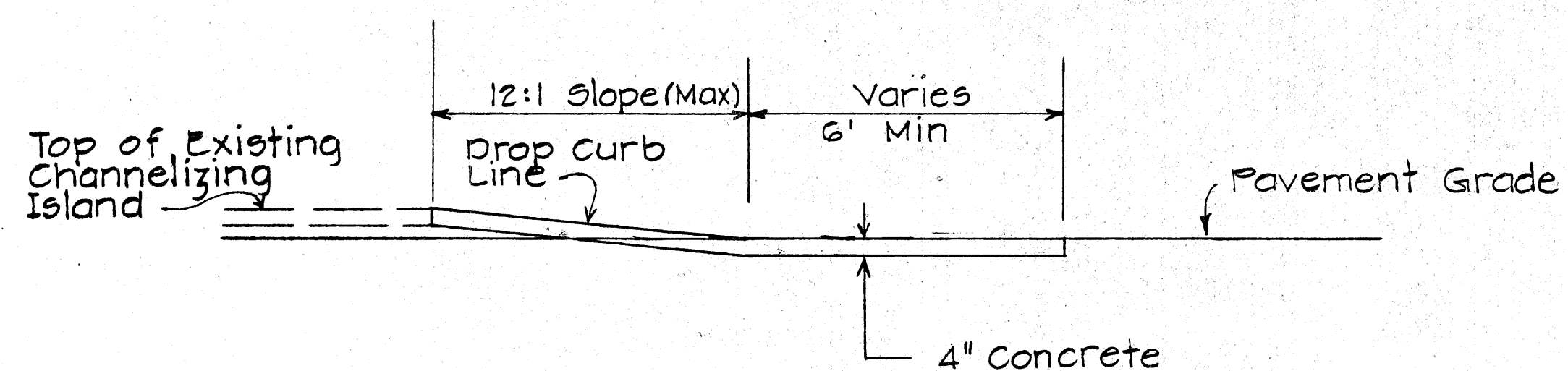
Use at Median Nose Crossings
Scale: 1"=5'

For Additional Details, See Type "C" Wheel Chair Ramp



TYPICAL INSTALLATION AT CROSSWALKS

Scale: 1"=5'



SECTION "B-B"

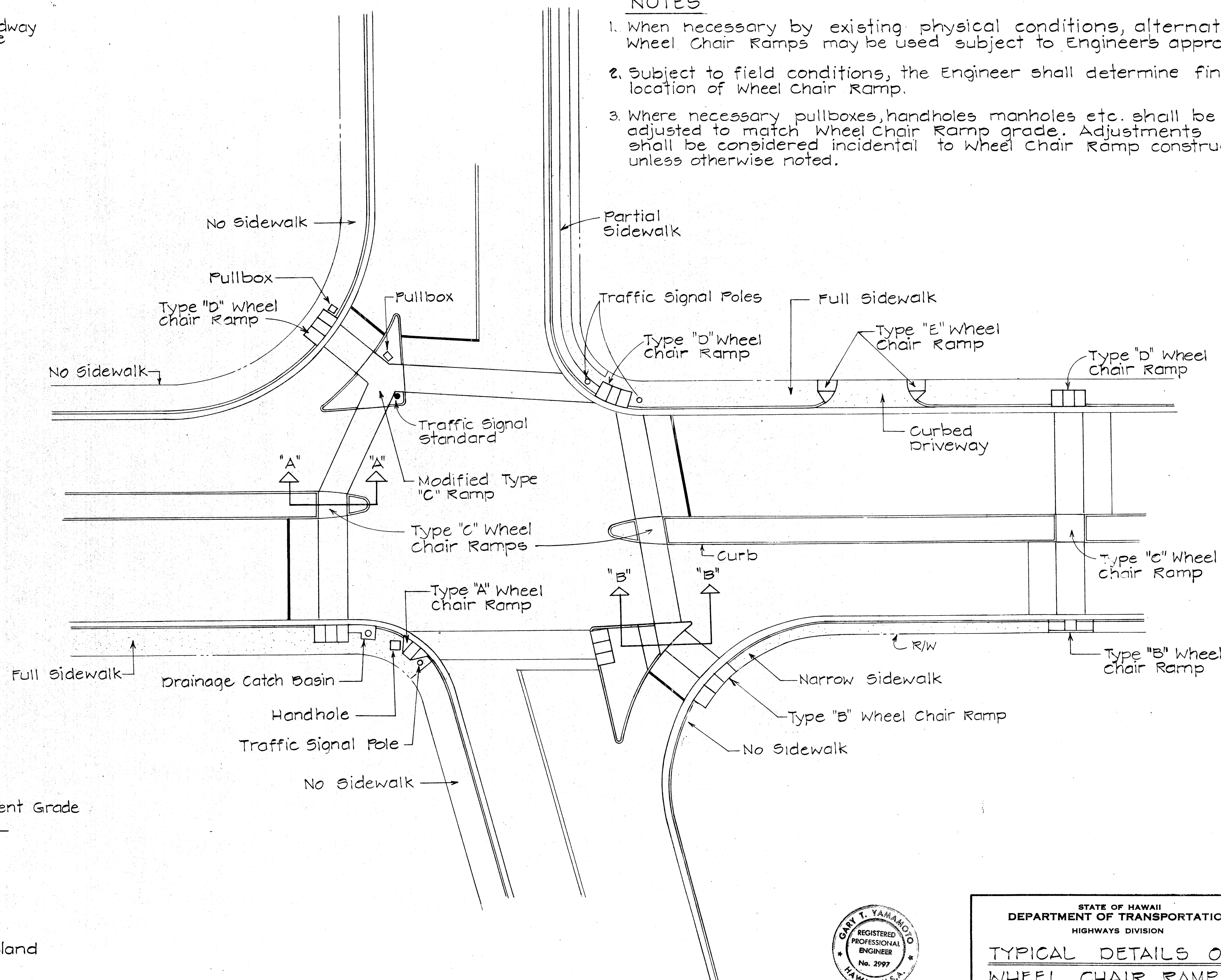
TYPE "B" MODIFIED WHEEL CHAIR RAMP

Use at Intersection of 2 Crosswalks On Channelizing Island
Scale: 3/8"=1'

For Additional Details See Type "B" Wheelchair Ramp

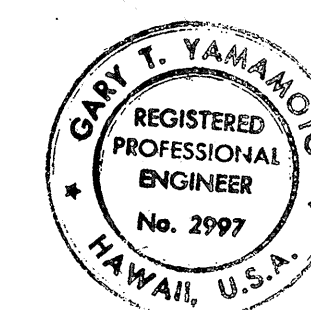
NOTES

1. When necessary by existing physical conditions, alternate Wheel Chair Ramps may be used subject to Engineer's approval.
2. Subject to field conditions, the Engineer shall determine final location of Wheel Chair Ramp.
3. Where necessary pullboxes, handholes manholes etc. shall be adjusted to match Wheel Chair Ramp grade. Adjustments shall be considered incidental to Wheel Chair Ramp construction, unless otherwise noted.



TYPICAL WHEELCHAIR RAMPS

Scale: 1"=20'



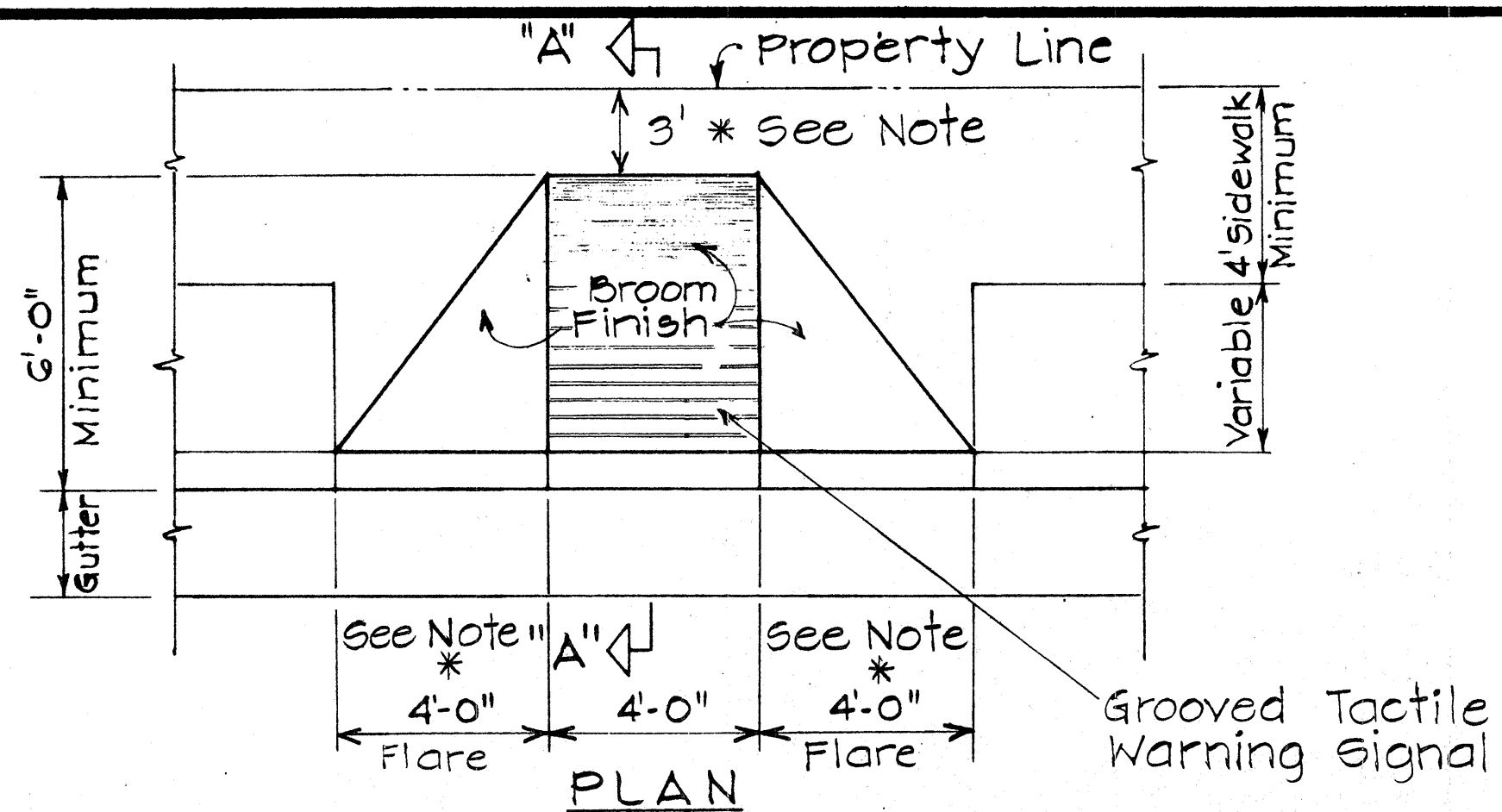
THIS WORK WAS PREPARED BY ME
(OR UNDER MY SUPERVISION)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL DETAILS OF WHEEL CHAIR RAMPS

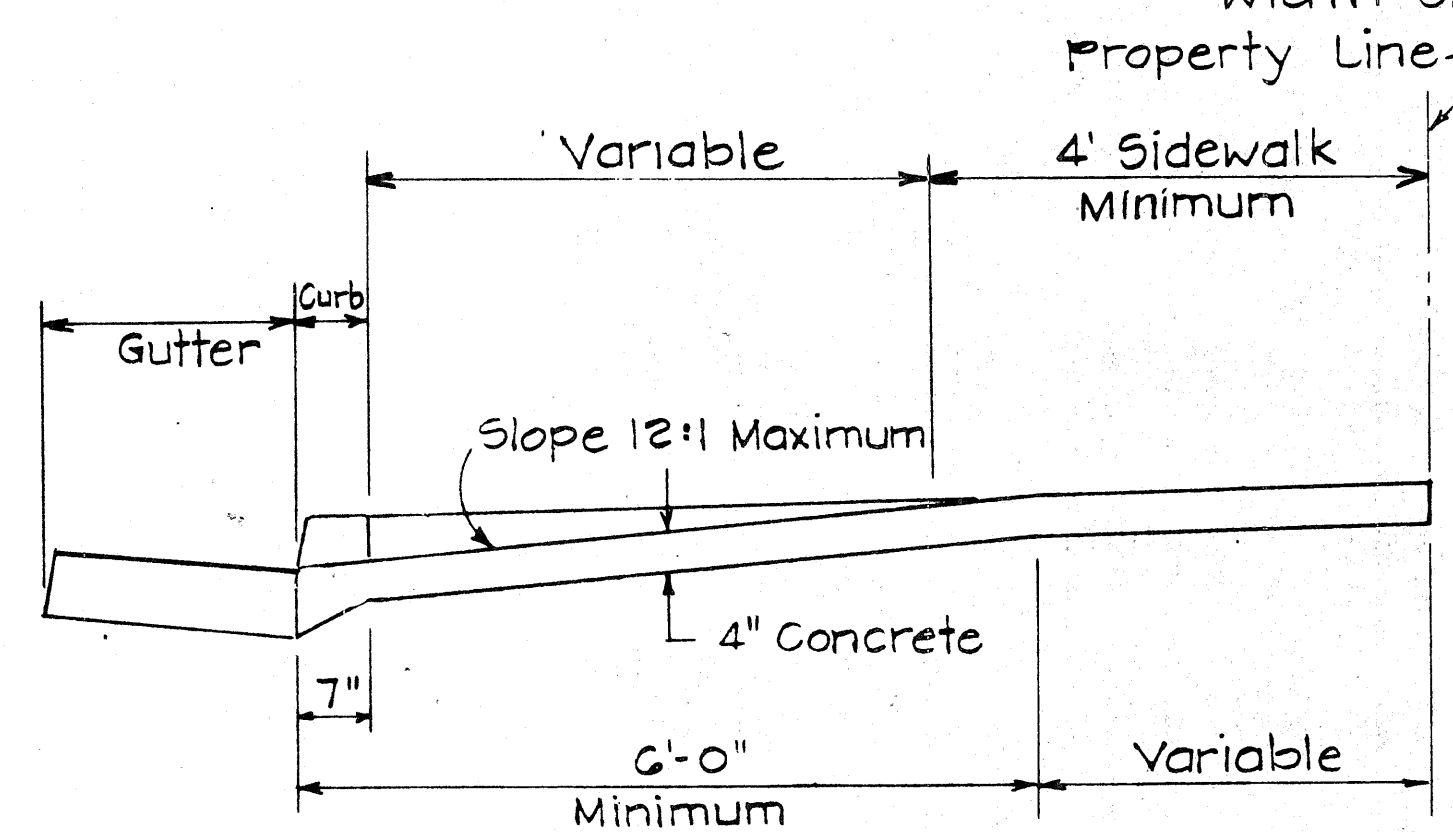
Scale: As Shown May, 1978
SHEET NO. OF SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-078-1(21)	1980	23	234



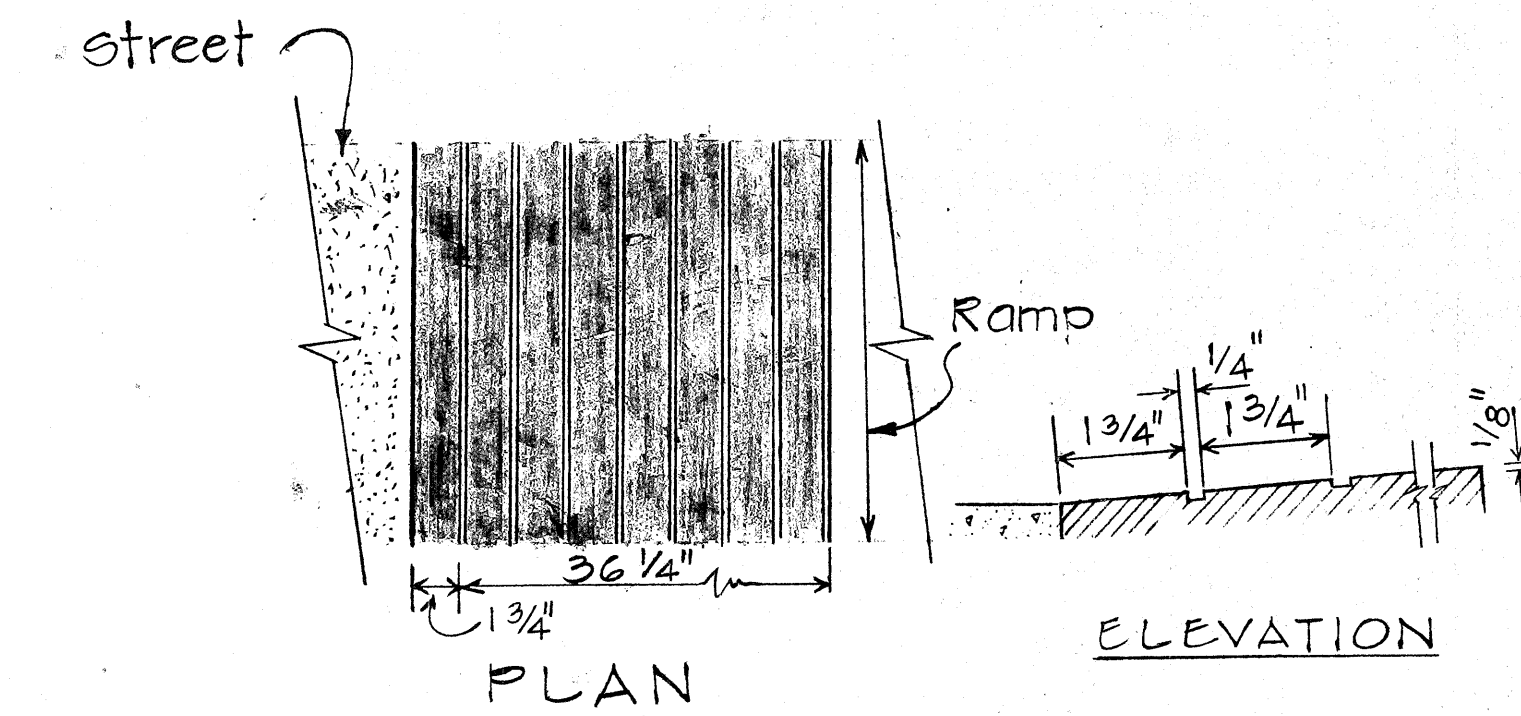
ELEVATION

* Where dimension is less than 3', Flare width shall be 5'



SECTION "A-A"

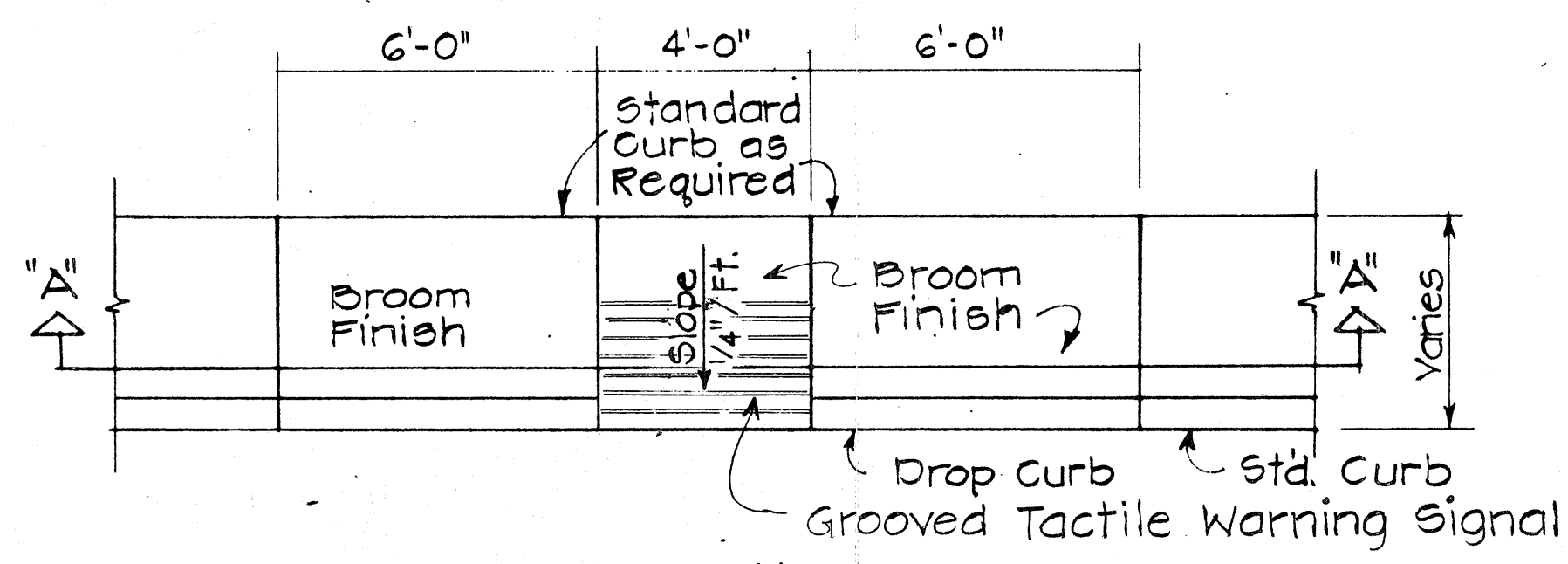
WHEELCHAIR RAMP - TYPE "A"
USE WHERE OBSTRUCTIONS EXIST



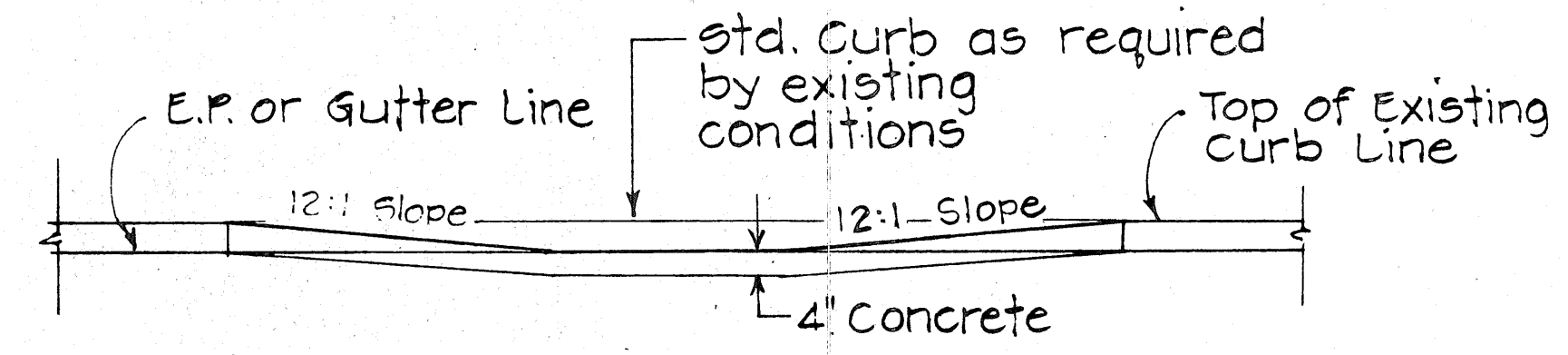
PLAN

ELEVATION

GROOVED TACTILE WARNING SIGNAL

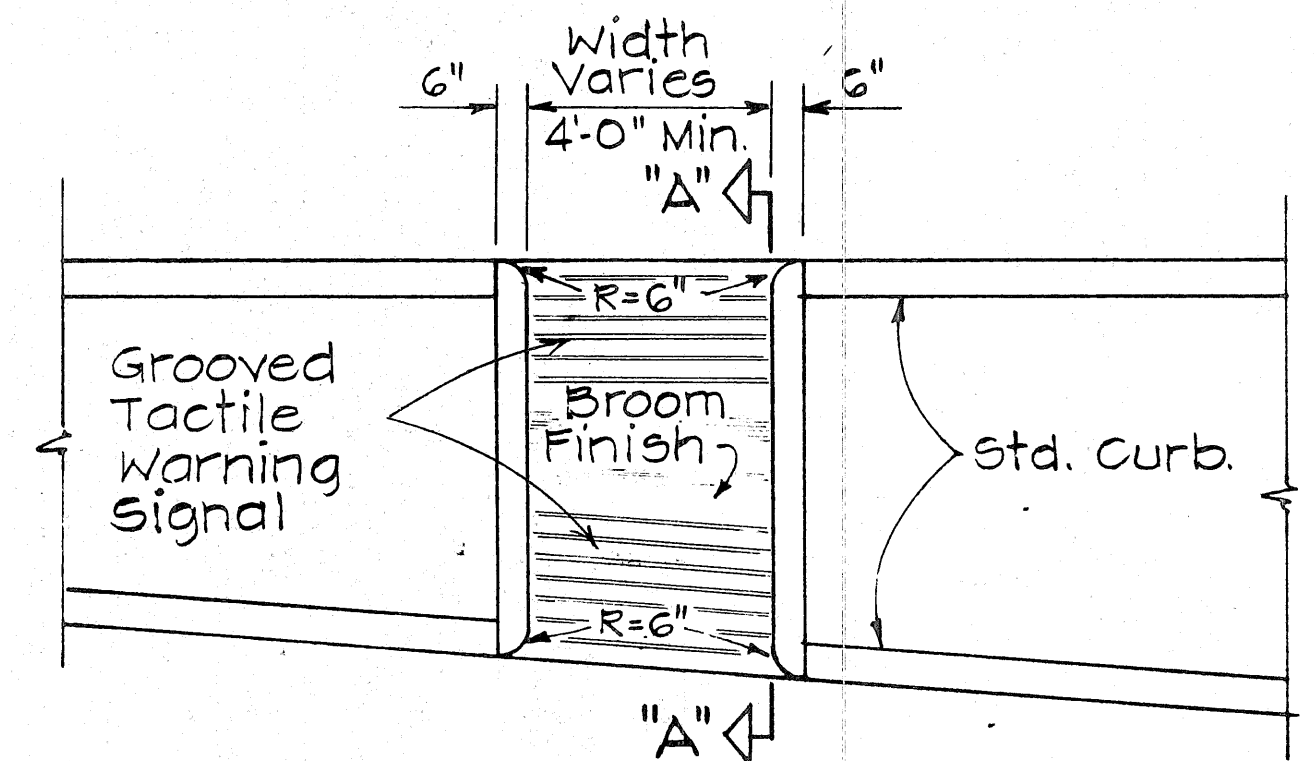


PLAN

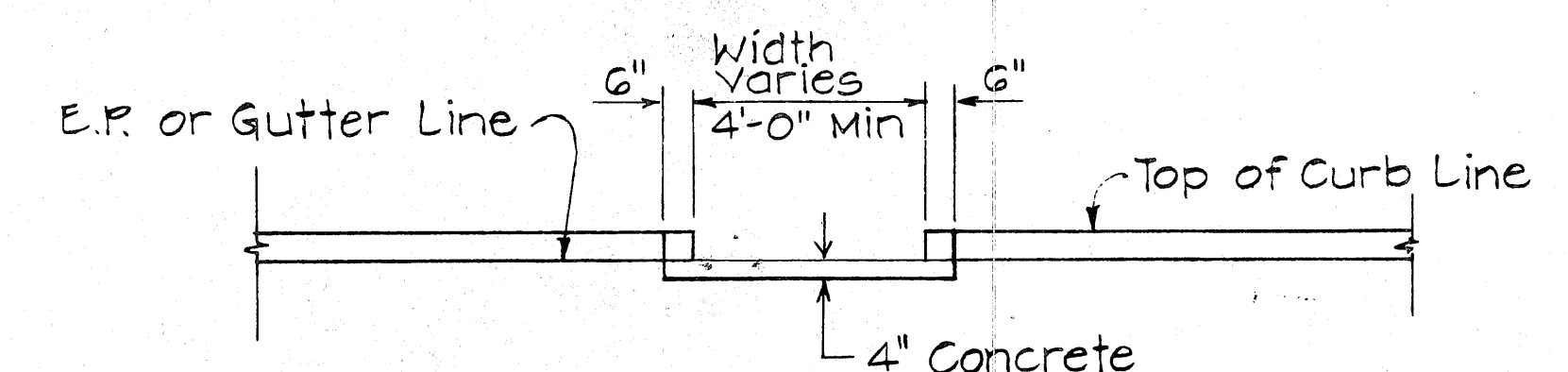


ELEVATION
SECTION "A-A"

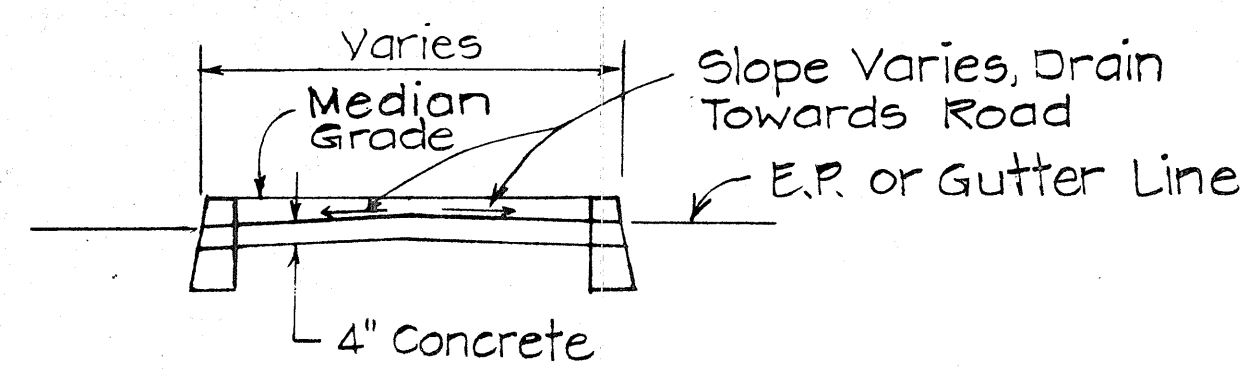
WHEELCHAIR RAMP - TYPE "B"
USE AT SIDEWALKS WITH LESS THAN 6'-0" WIDTH



PLAN

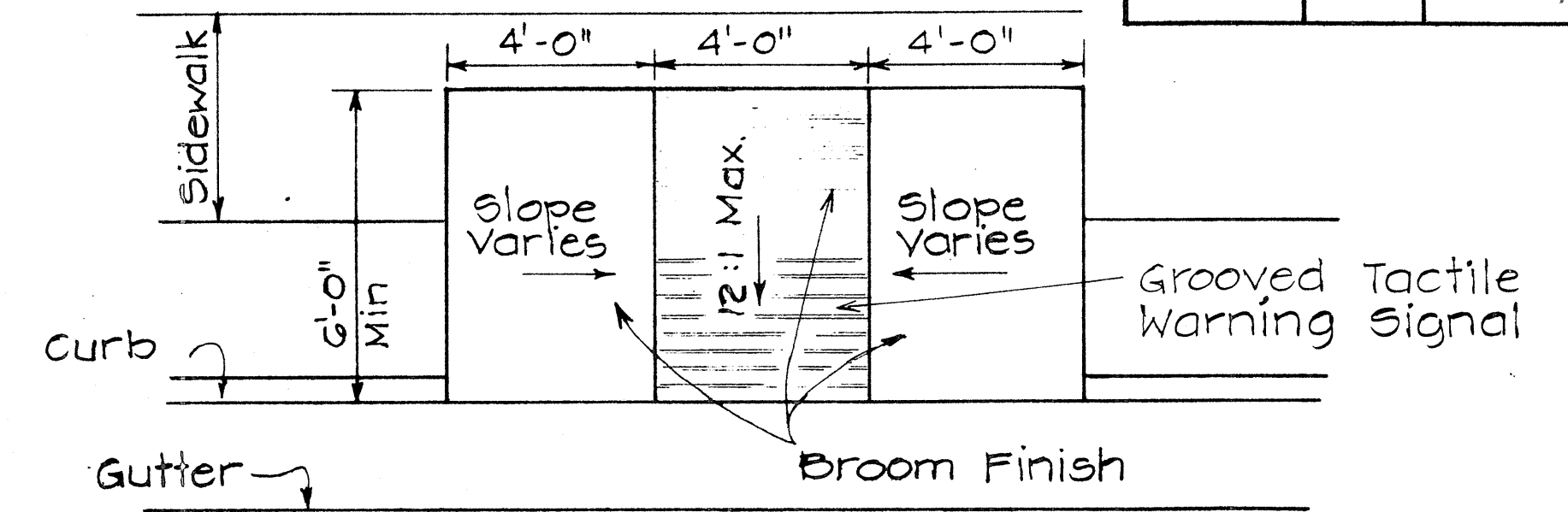


ELEVATION



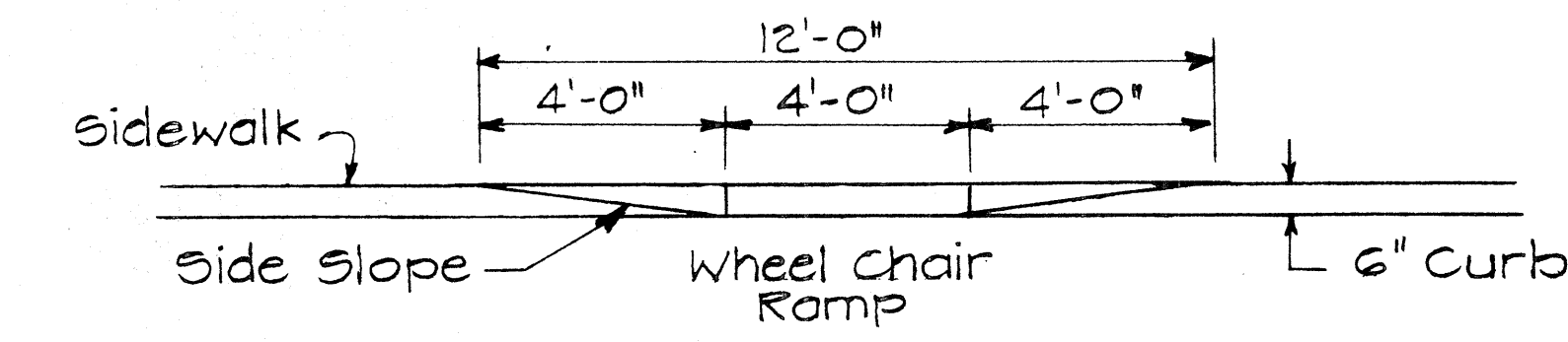
SECTION "A-A"

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

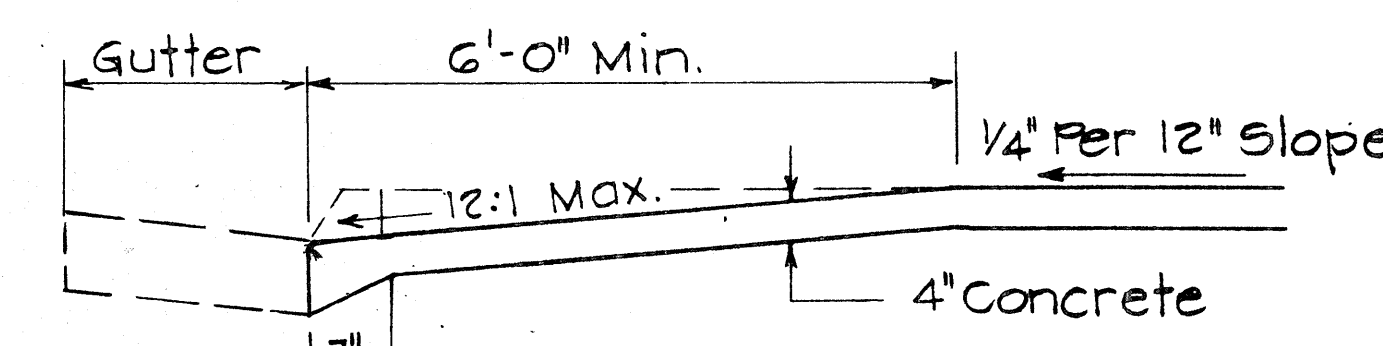


PLAN

Scale: 3/8" = 1'-0"

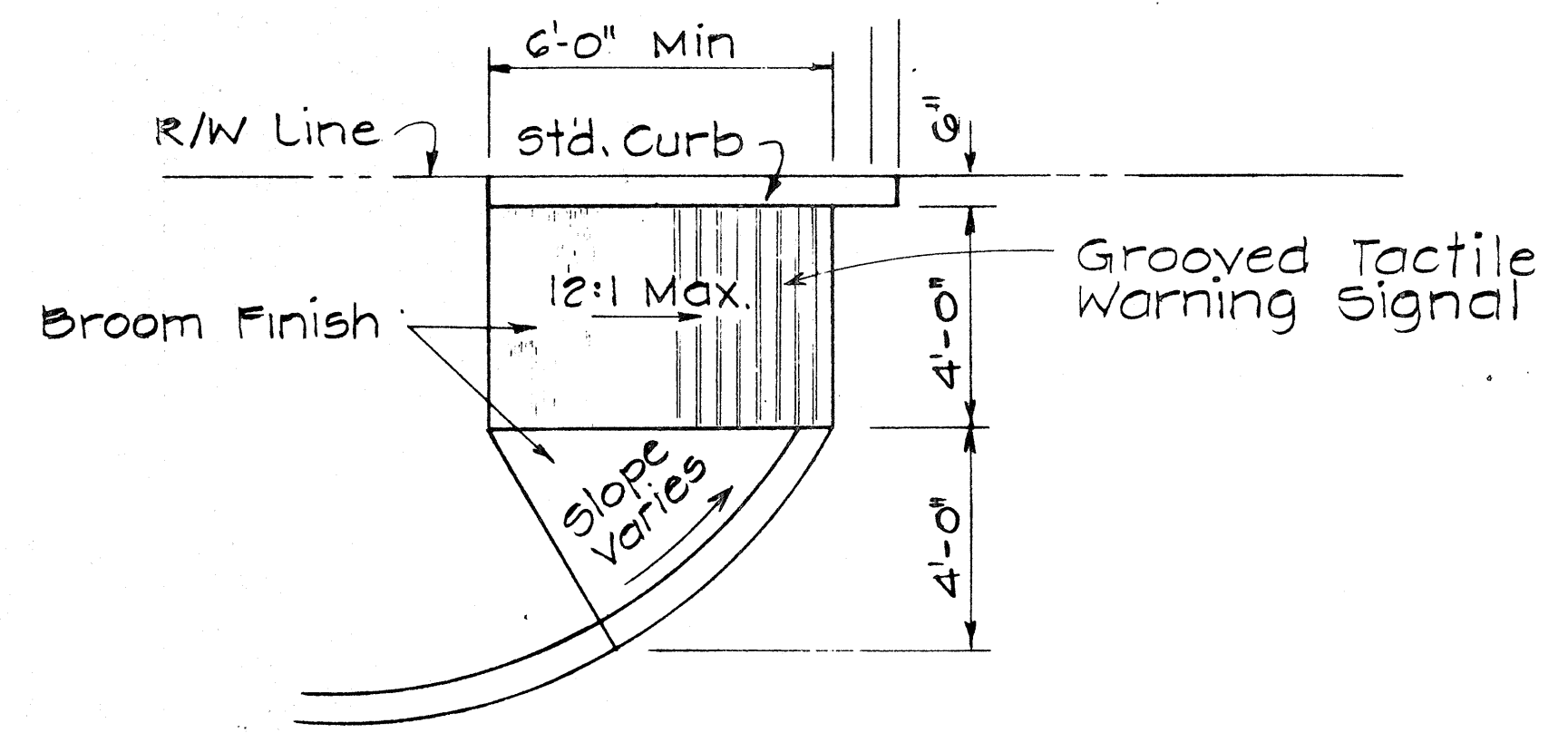


ELEVATION
Scale: 3/8" = 1'-0"



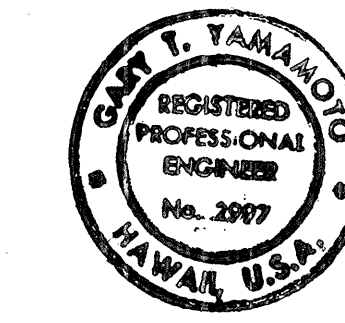
TYPICAL SECTION
Scale: 3/4" = 1'-0"

WHEELCHAIR RAMP - TYPE "D"
USE WHEN IDEAL CONDITIONS EXIST



WHEELCHAIR RAMP - TYPE "E"

USE AT CURBED DRIVEWAYS
Scale: 3/8" = 1'-0"



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL DETAILS OF
WHEEL CHAIR RAMPS

Scale: As Shown May, 1978
SHEET NO. OF SHEETS