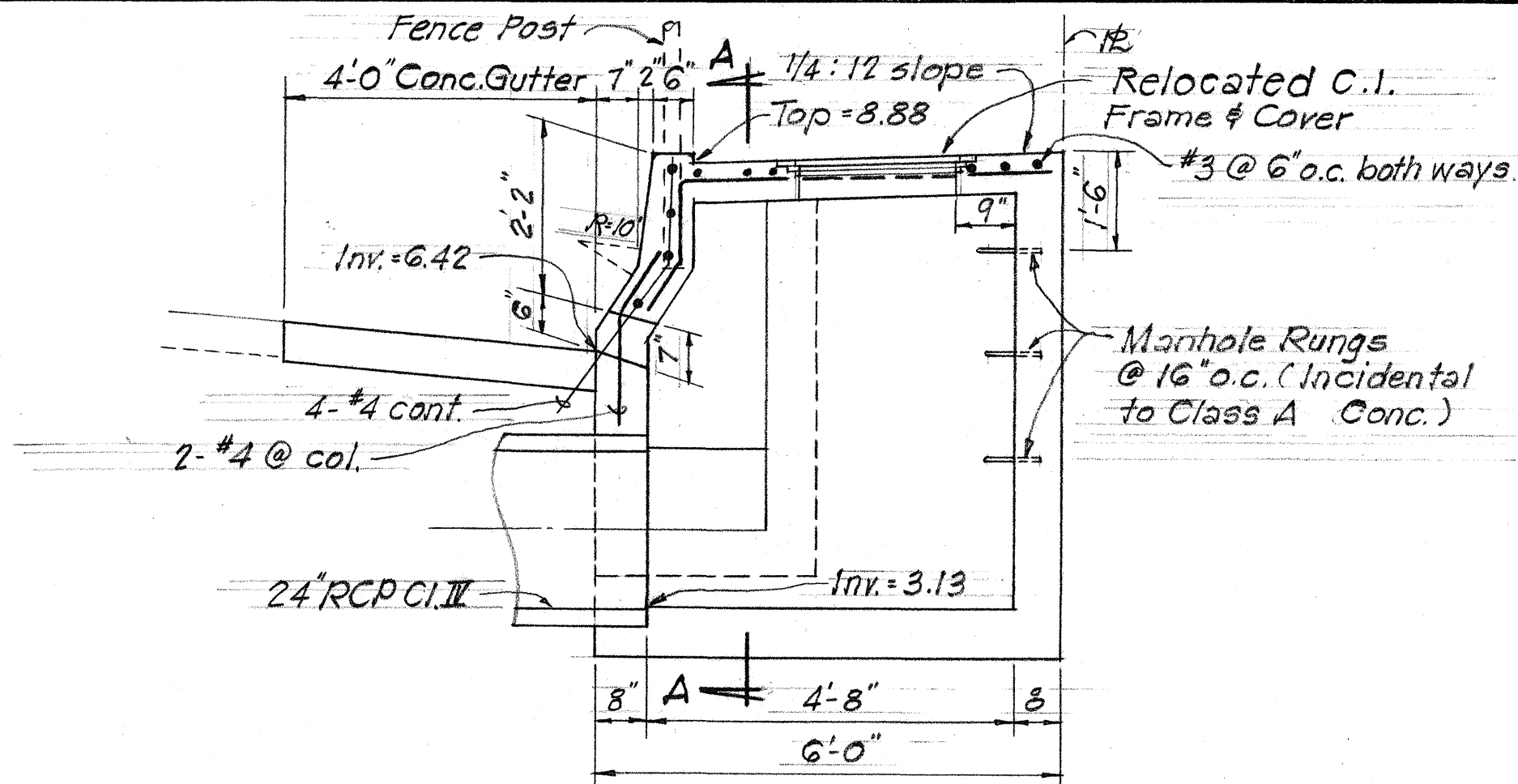
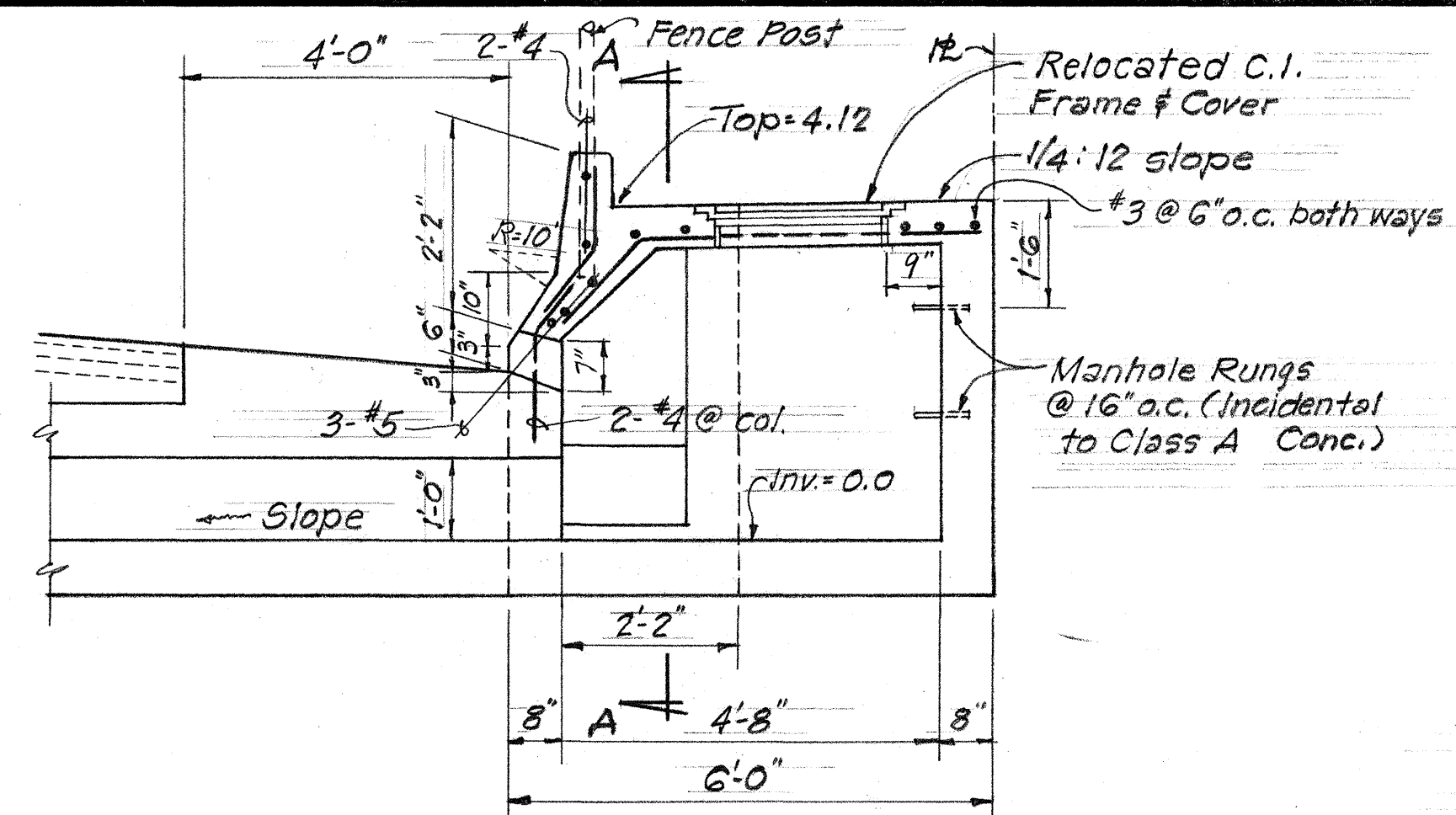


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	U-092-1(8)	1970	10	41



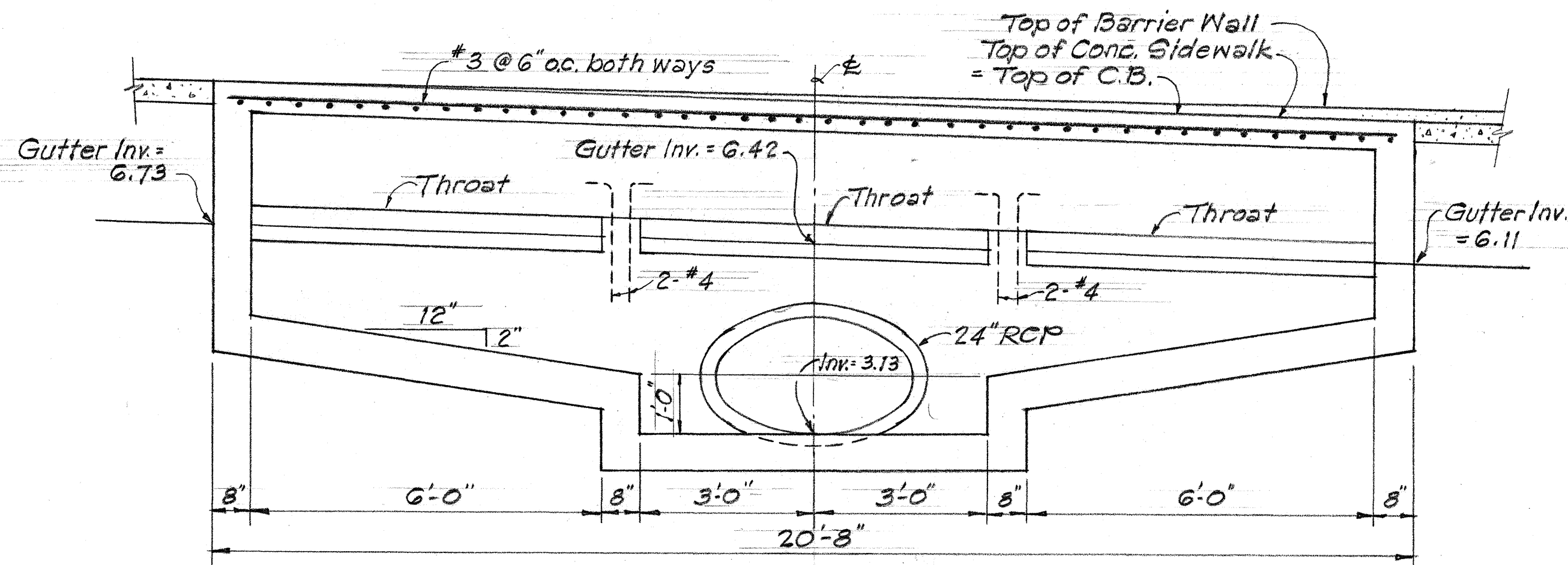
SECTION B-B

± Sta. 4+10
Construct Special C.B. #1
Estimated Quantities:
Structural Exc. = 32 c.y.
Class A Conc. = 9.3 c.y.
Reinf. Steel = 140 lbs.
24" R/c Pipe Culv. = 38 l.f.
Relocated C.I. Frame and Cover = 1 ea.

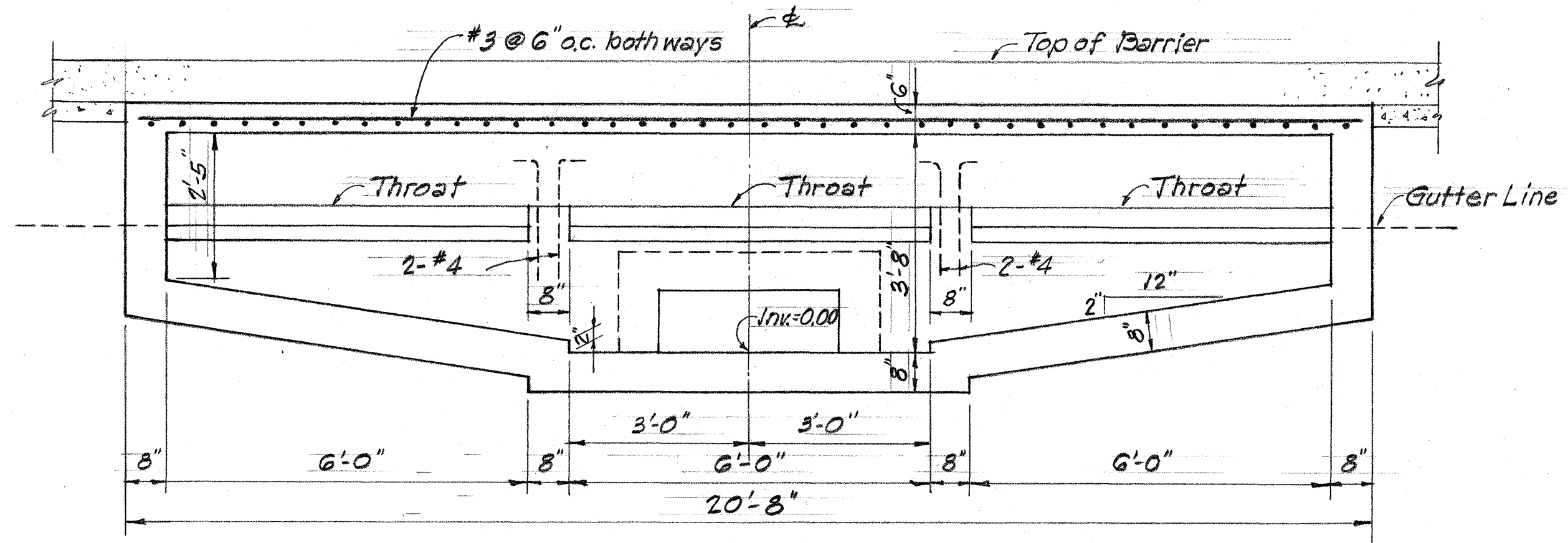


SECTION D-D

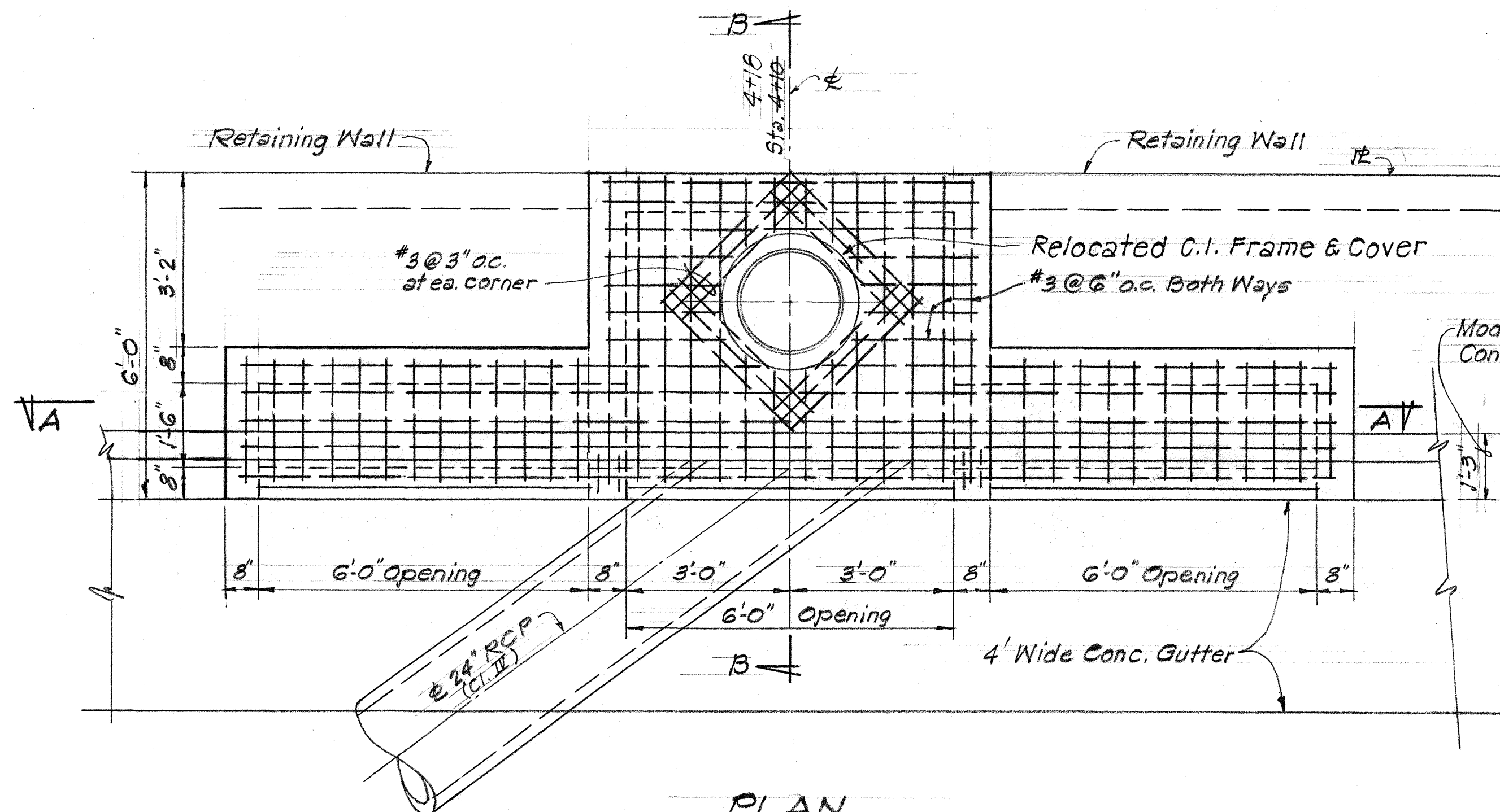
± Sta. 8+50
Construct C.B. #2
Estimated Quantities:
Structural Exc. = 24 c.y.
Class A Conc. = 8.5 c.y.
Reinf. Steel = 140 lbs.
Relocated C.I. Frame & Cover = 1 ea.



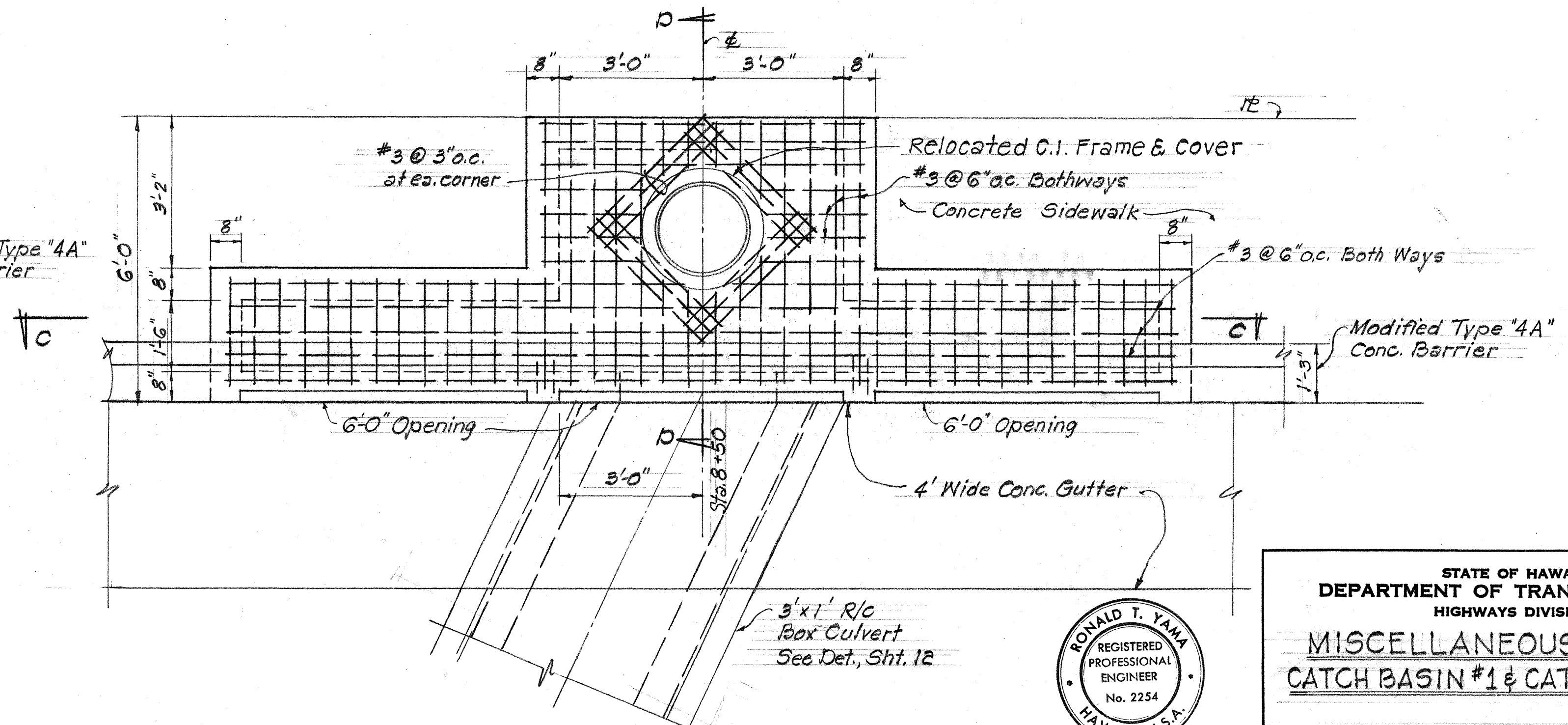
SECTION A-A



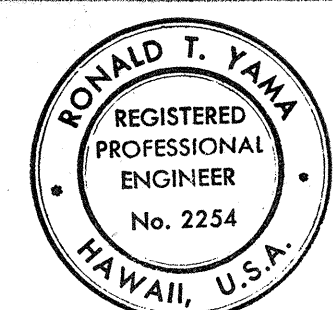
SECTION C-C



PLAN
DETAIL-C.B. #1
Scale: 1/2" = 1'-0"



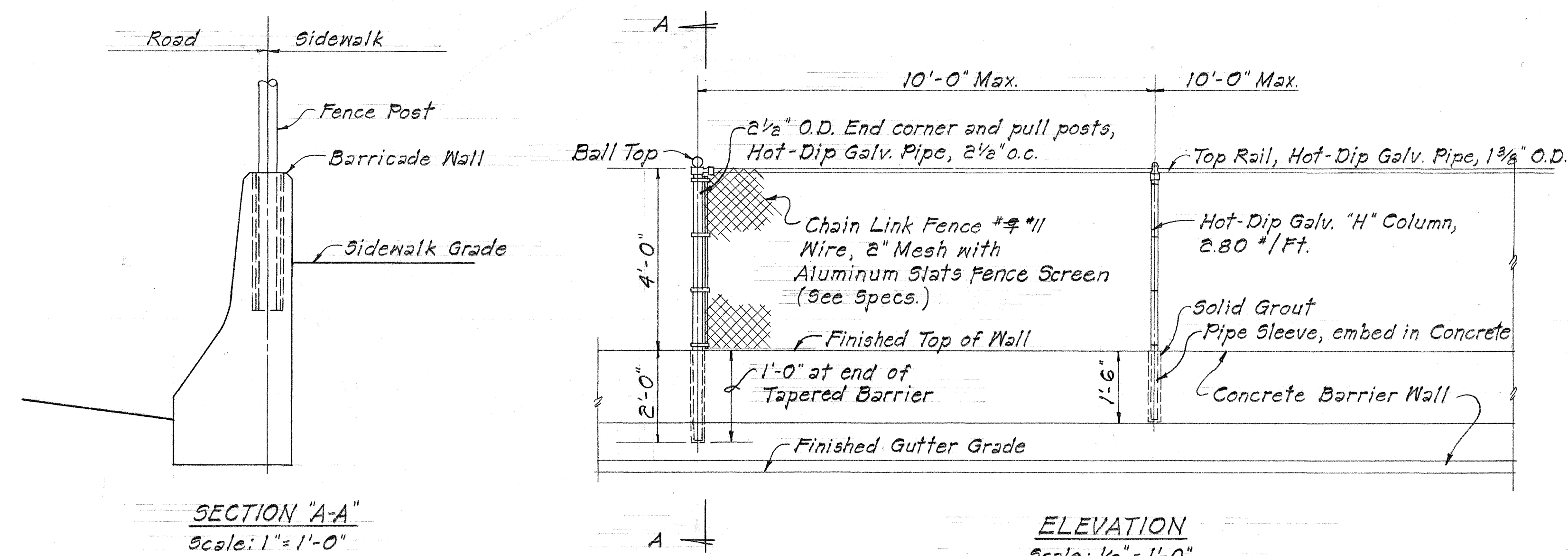
PLAN
DETAIL-C.B. #2
Scale: 1/2" = 1'-0"



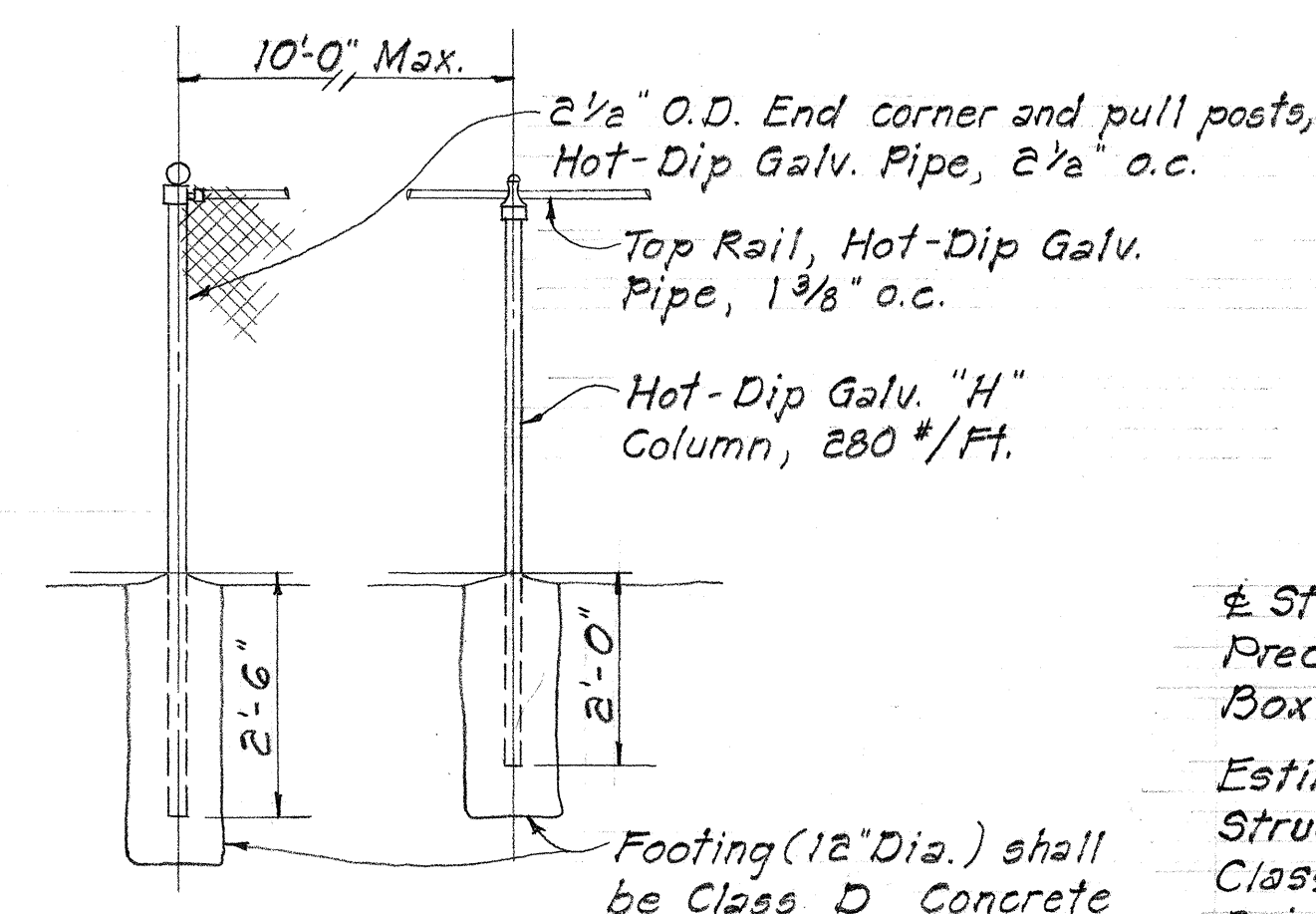
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.
Ronald T. Yama

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
MISCELLANEOUS DETAILS
CATCH BASIN #1 & CATCH BASIN #2
NIMITZ HIGHWAY IMPROVEMENTS
SUMNER STREET TO AWA STREET
PROJECT NO. U-092-1 (8)
SCALE: AS NOTED
DATE: MAY 1969
SHEET No. 1 OF 7 SHEETS

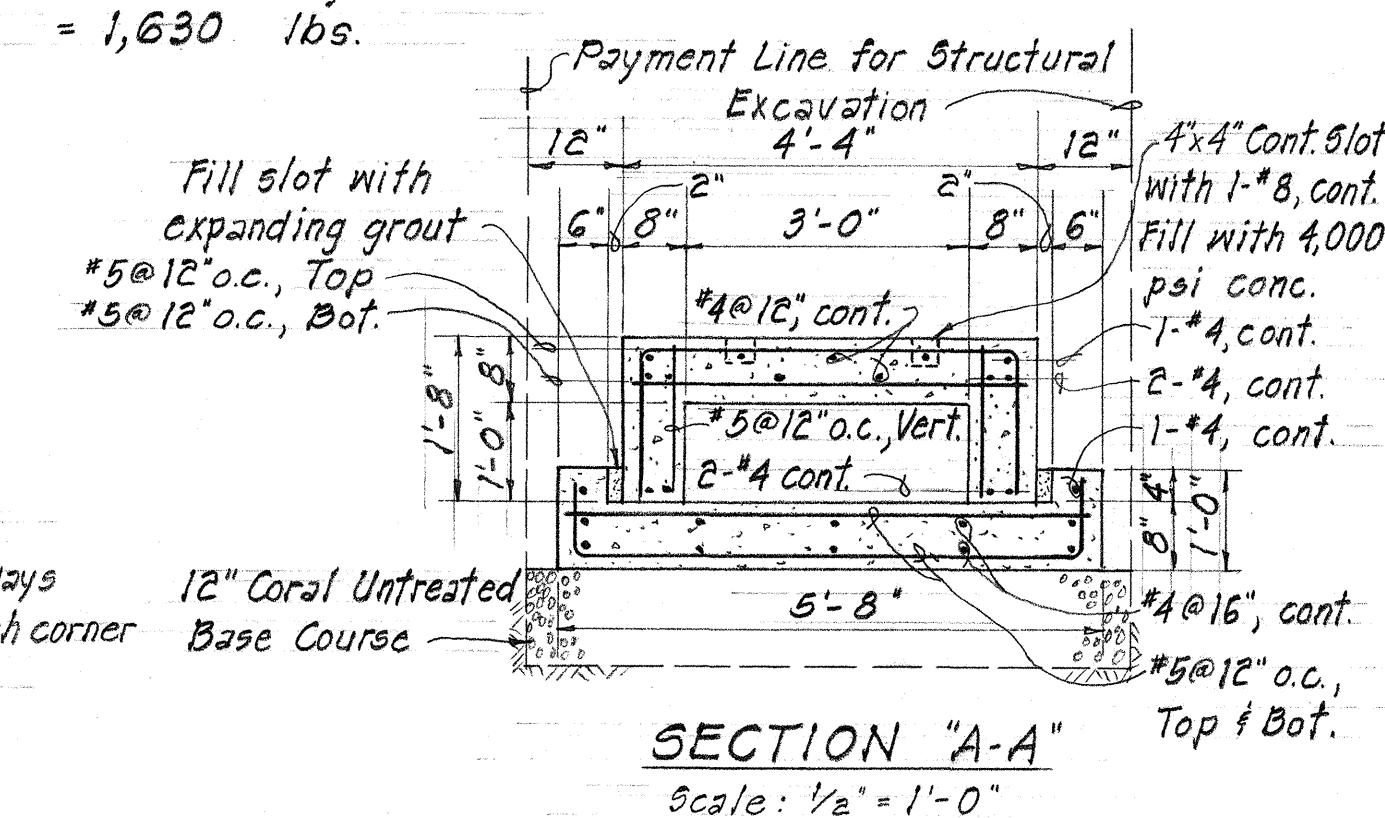
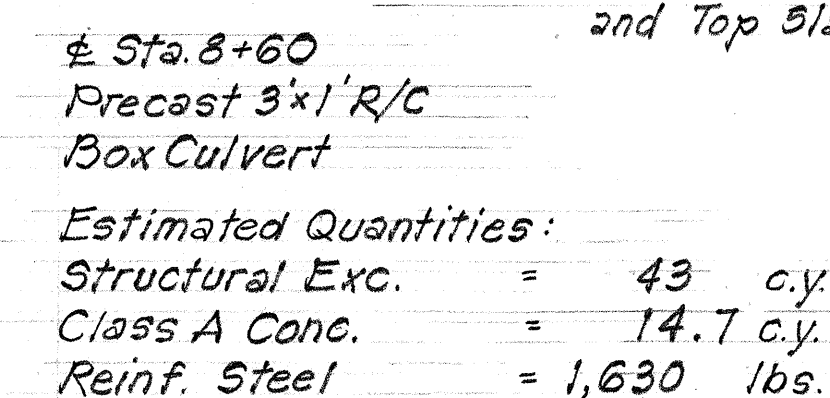
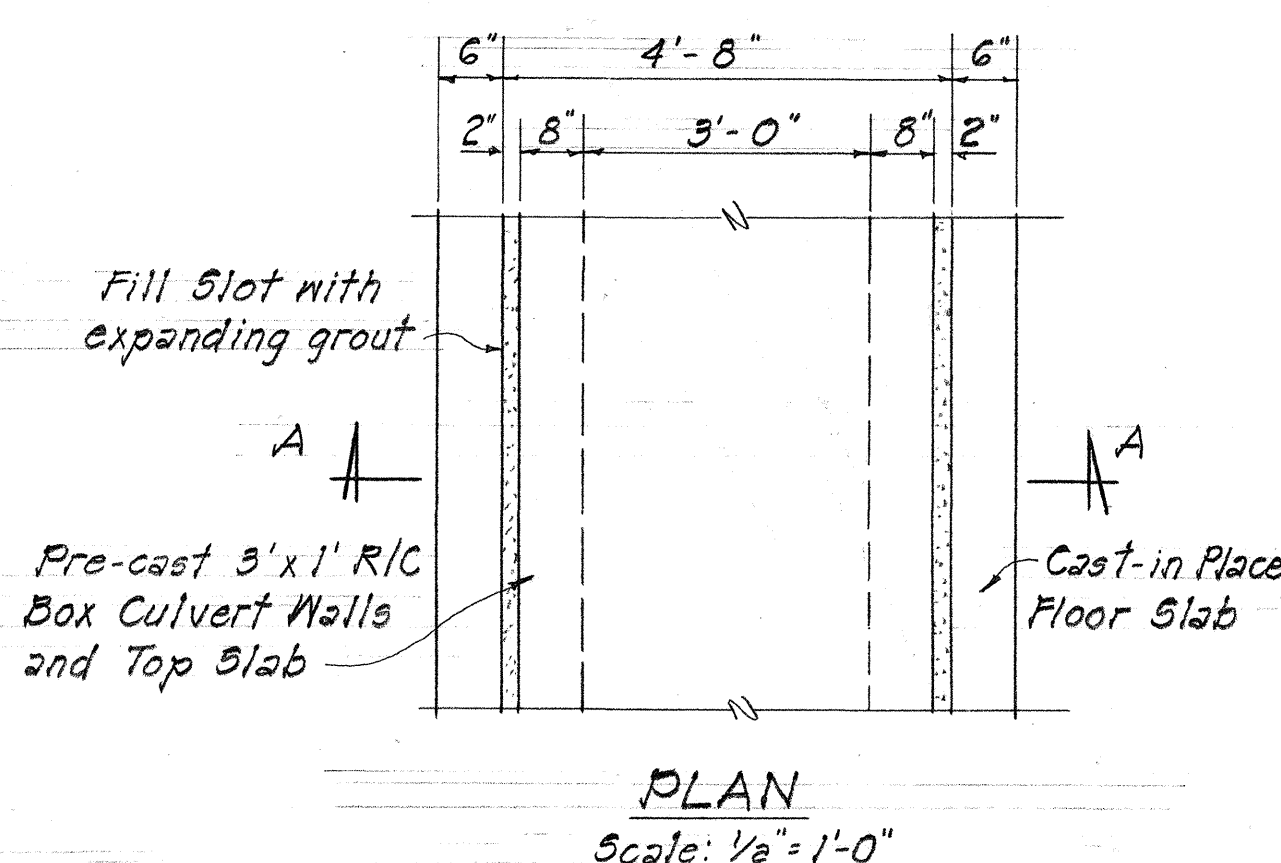
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	U-092-1(8)	1970	12	41



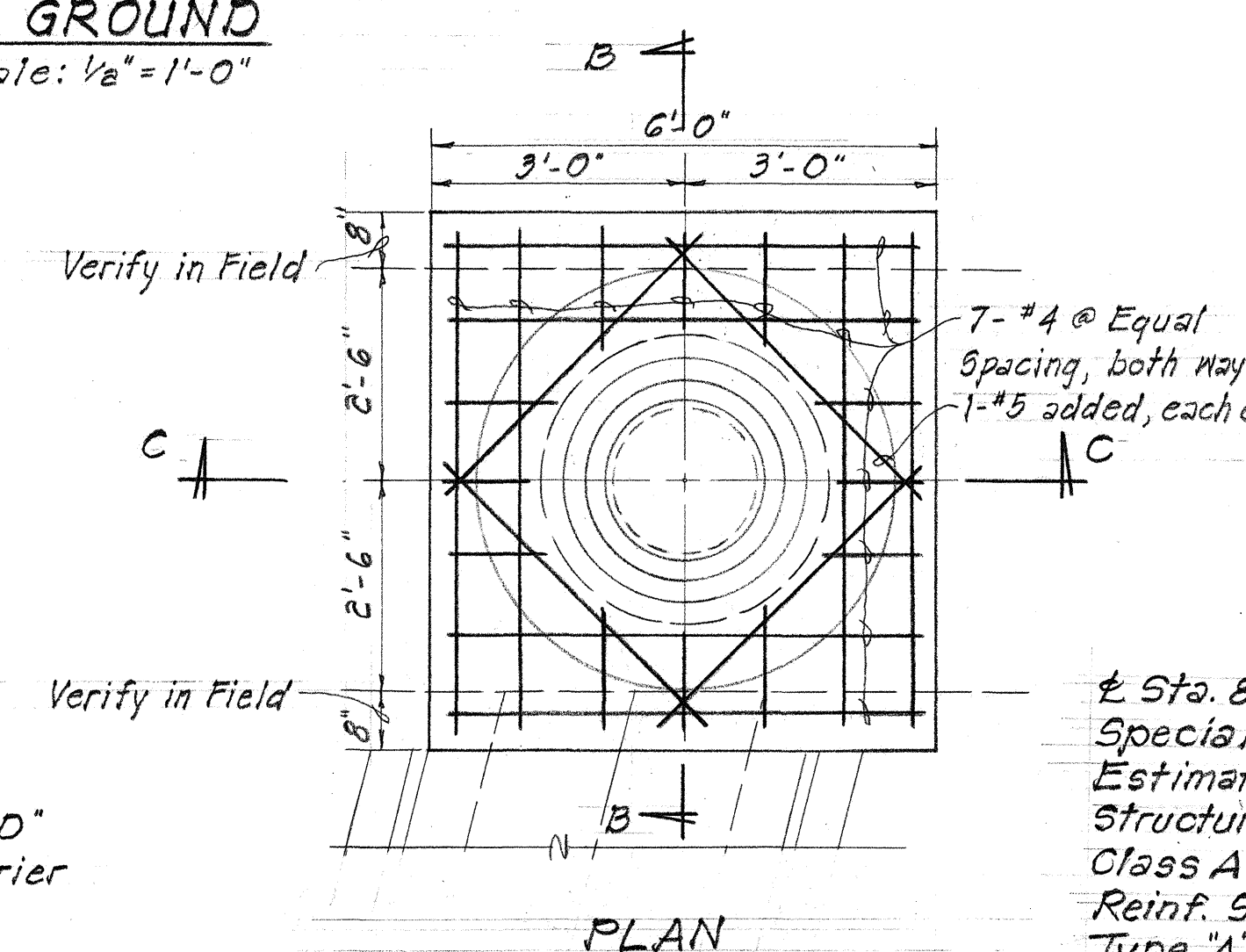
4-FEET HIGH CHAIN LINK FENCE ON CONCRETE BARRIER
Scale: As Shown



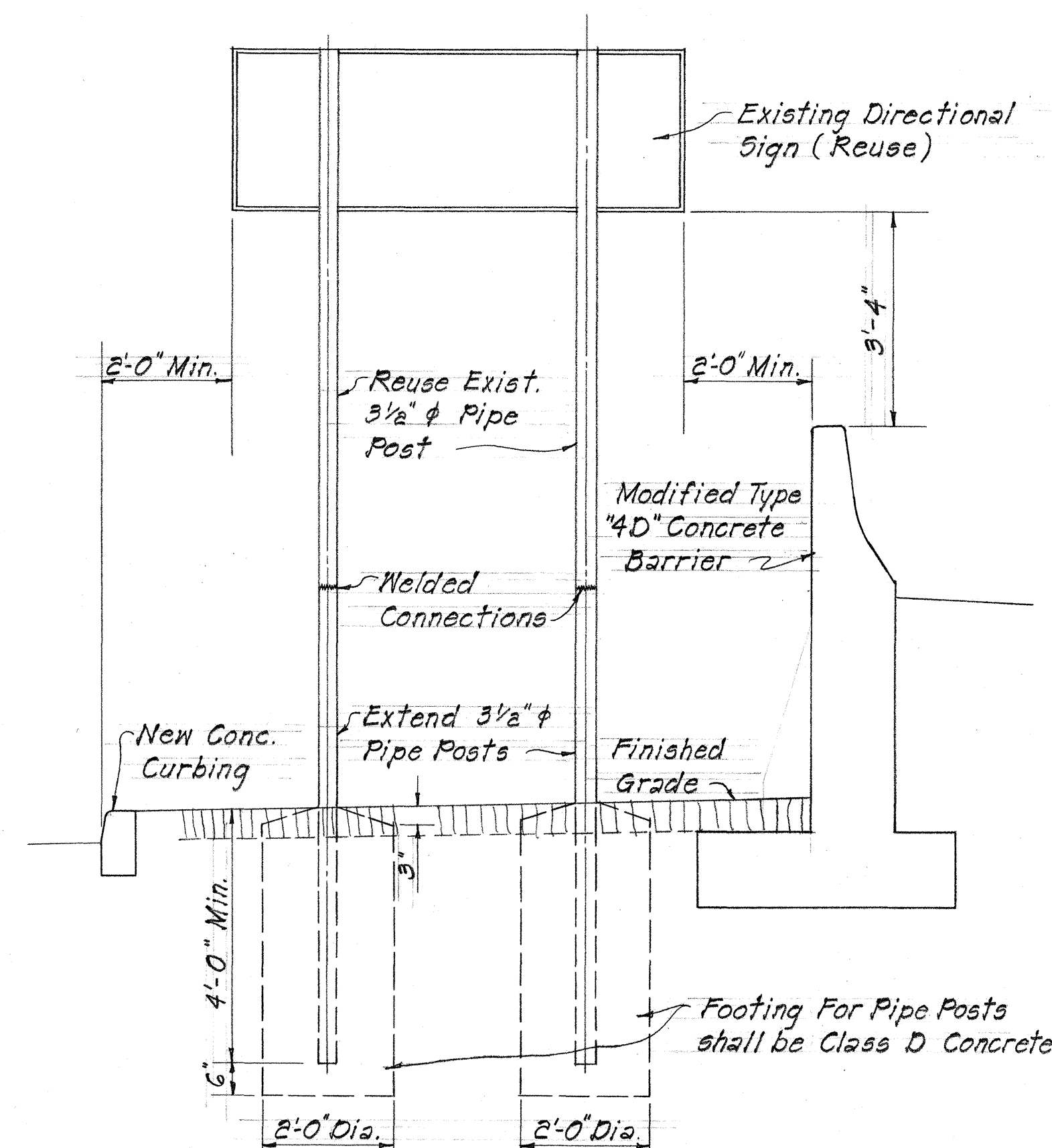
FENCE POSTS
IN GROUND
Scale: $\frac{1}{8}" = 1'-0"$



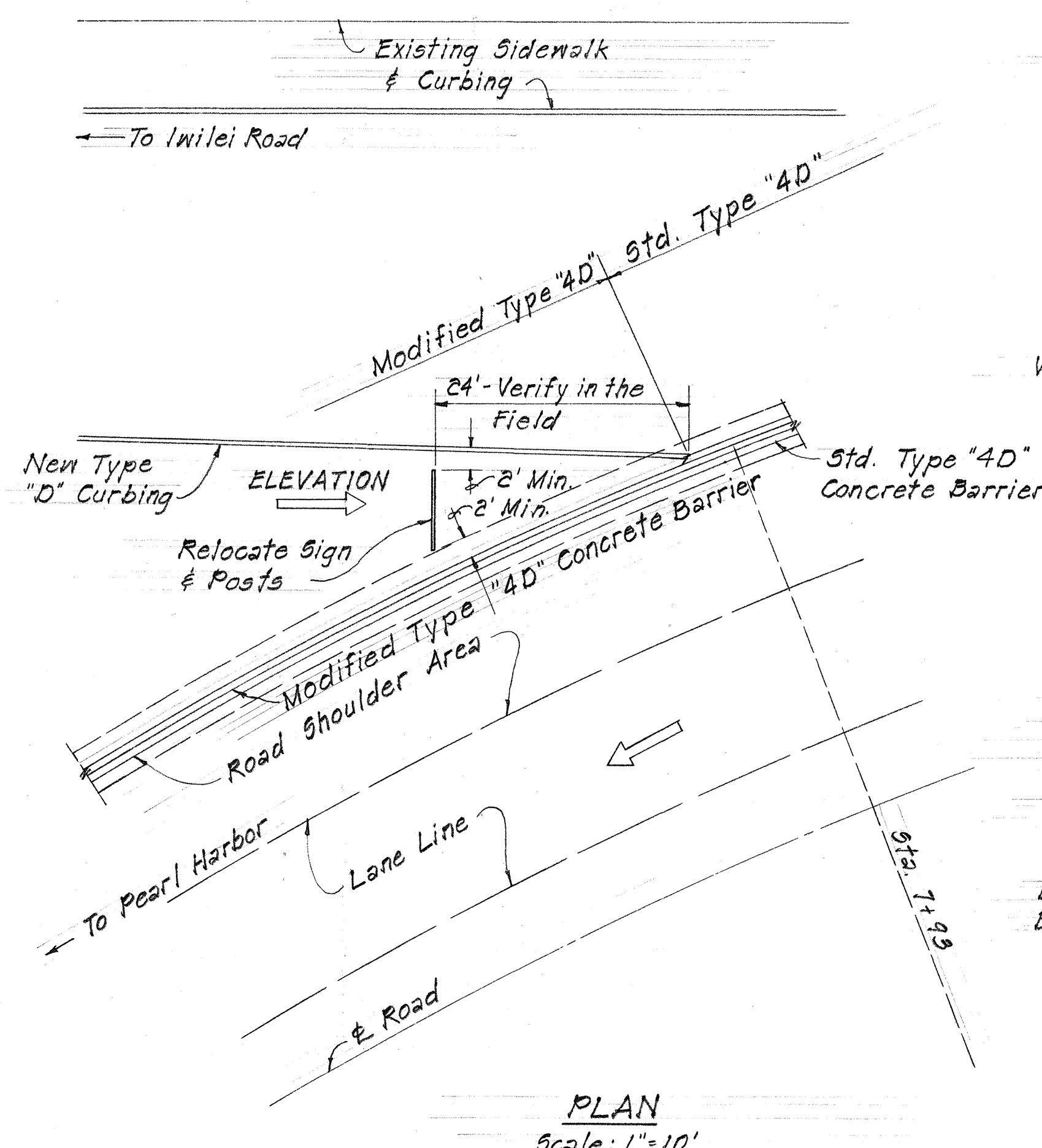
DETAIL - 3'x1' R/C BOX CULVERT
Scale: $\frac{1}{4}" = 1' - 0"$



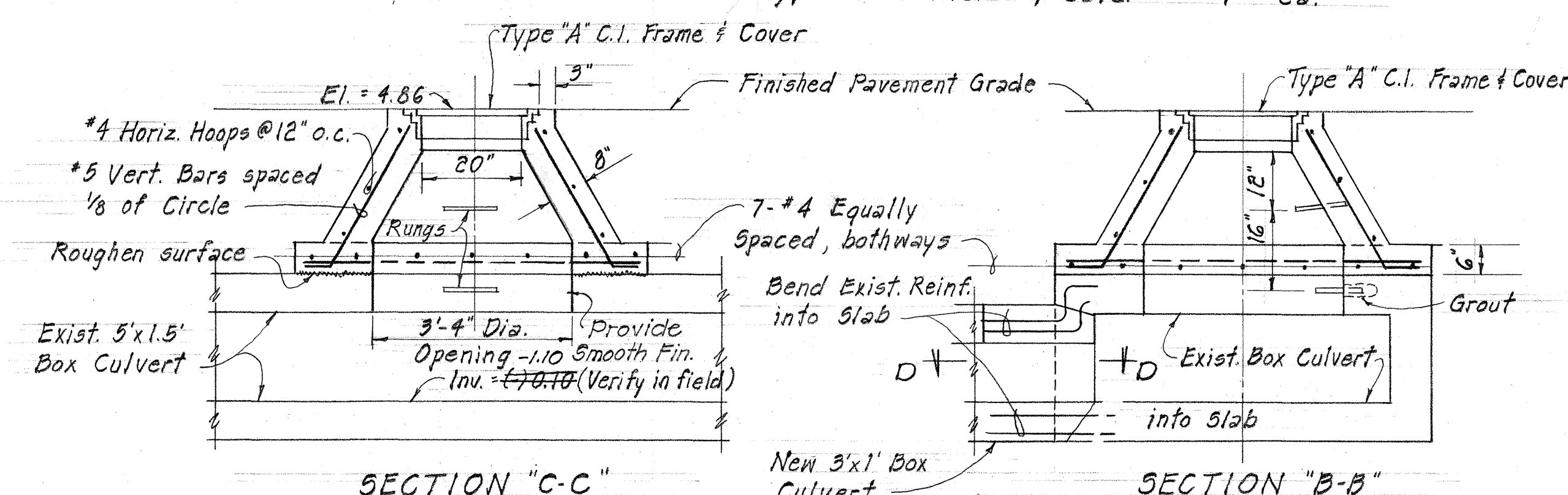
DETAIL - 5 X 1 R/C
 2 Sts. 8'-66
 Special DMH #1
 Estimated Quantities:
 Structural Exc. = 7 c.y.
 Class A Conc. = 1.3 c.y.
 Reinf. Steel = 92 lbs.
 Type "A" C.I. Frame & Cover = 1 ea



REAR ELEVATION OF SIGN
Scale: $\frac{1}{8}'' = 1'-0''$



DETAIL - RELOCATION OF EXISTING
DIRECTIONAL SIGN
Scale: As Shown



Remove Exist. Box Culvert Wall

Bend Exist. Reinf. into new conc.

#4 Reinf. of Precast Section

Cast-in-Place Culvert

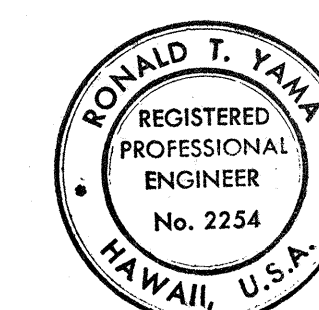
Precast Culvert

#5 @ 12" o.c. See Box Culvert Detail

SECTION "D-D"

DETAIL- SPECIAL DMH #1

Scale: $\frac{1}{2}" = 1'-0"$



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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS DETAILS

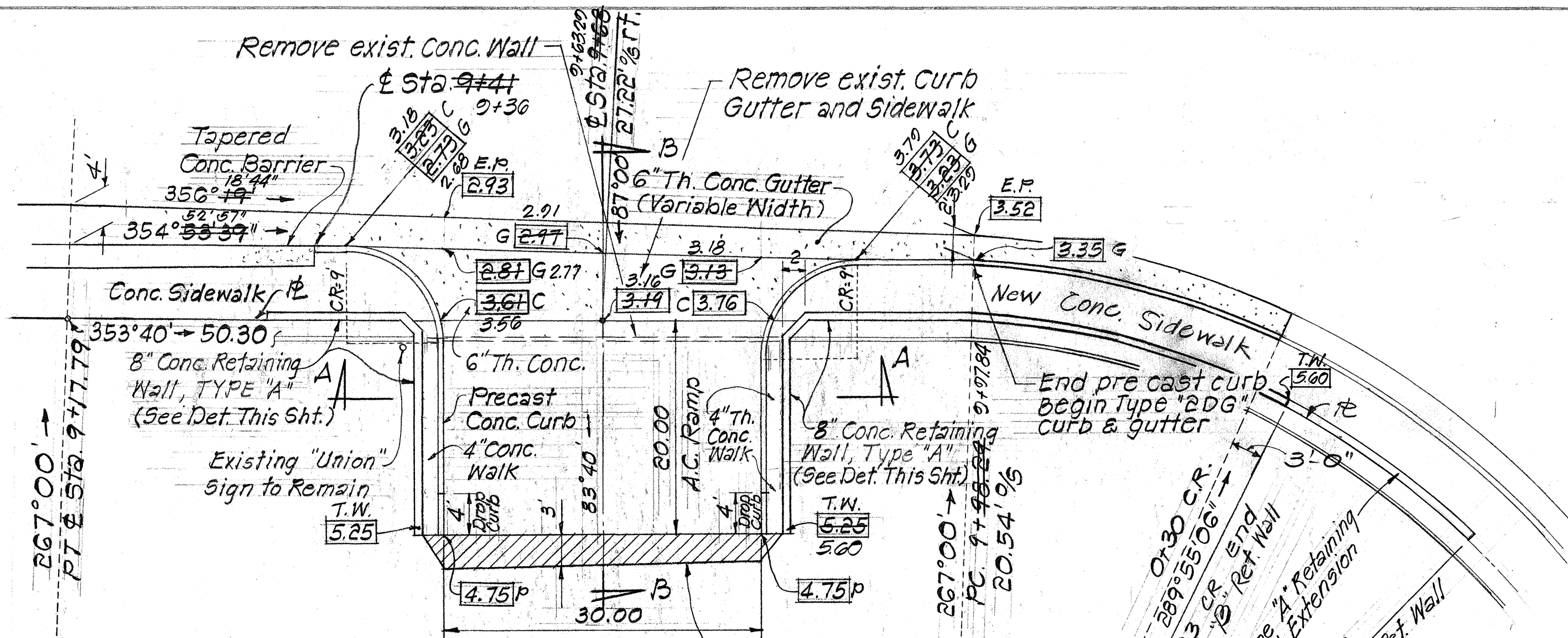
CHAIN LINK FENCE

NIMITZ HIGHWAY IMPROVEMENTS
SUMNER STREET TO AWA STREET
PROJECT NO. 4-092-1(8)

SCALE: AS NOTED DATE: MAY 1969

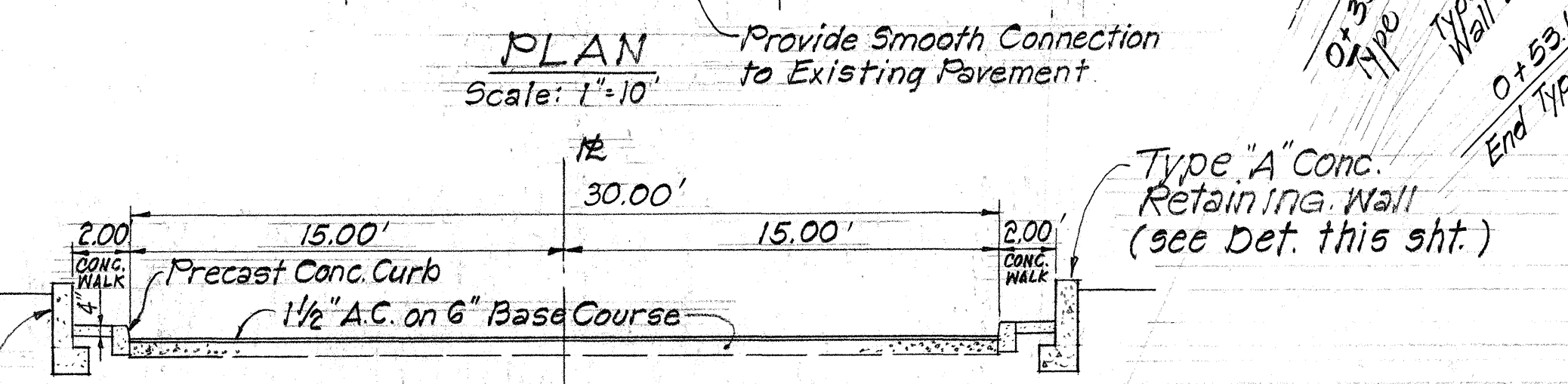
SHEET No. 3 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	U-092-1(8)	1970	13	41



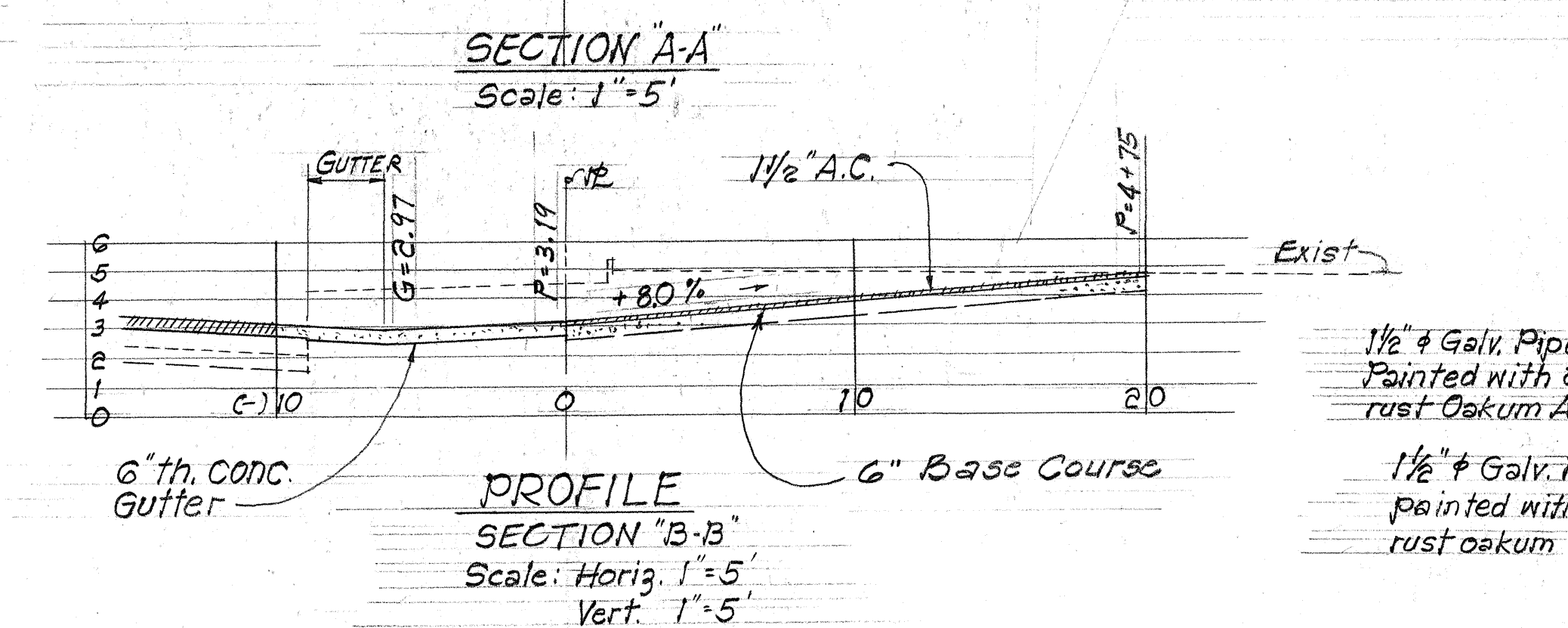
PLAN

Scale: 1"=10'



SECTION "A-A"

Scale: 1"=5'



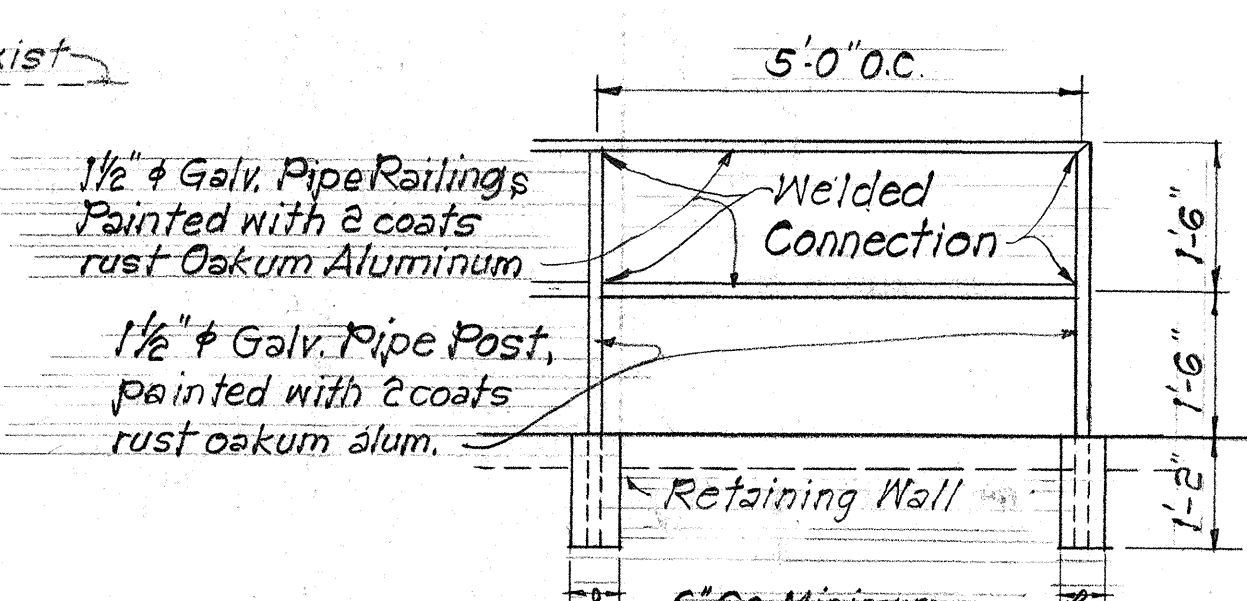
PROFILE SECTION "B-B"

Scale: Horiz. 1"=5'

Vert. 1"=5'

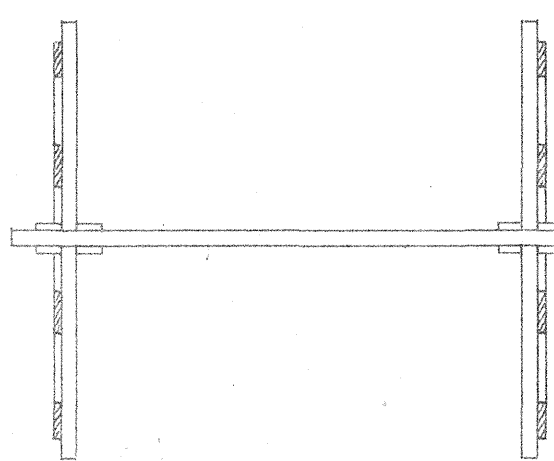
DRIVEWAY RAMP AT STA. 9+64.7 (RIGHT)

Scale: As Shown

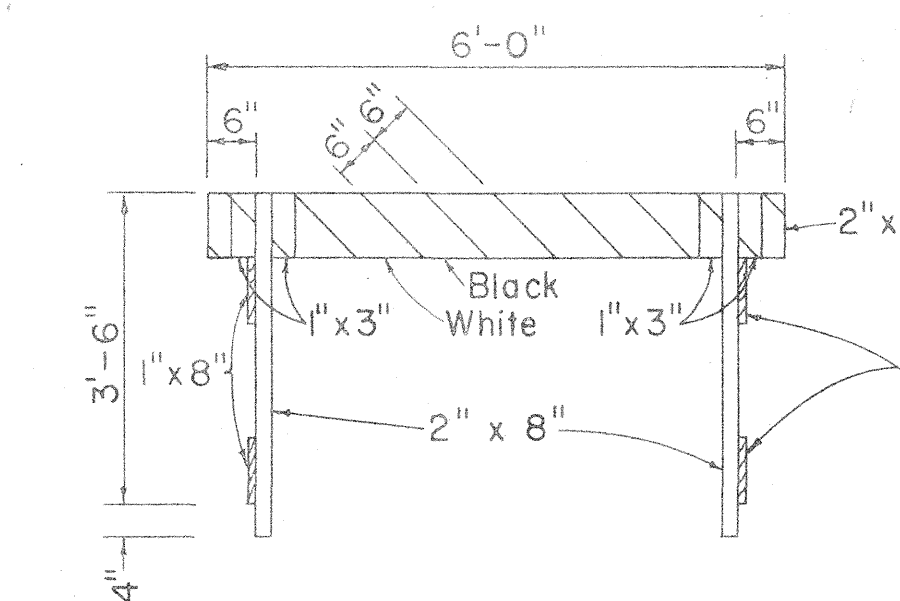


GALV. PIPE RAILING

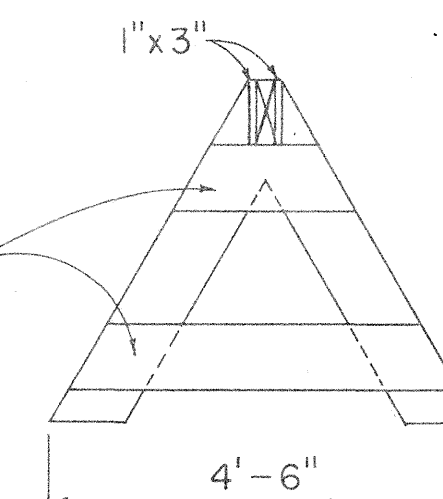
Scale: 1/2"=1'-0"



PLAN VIEW



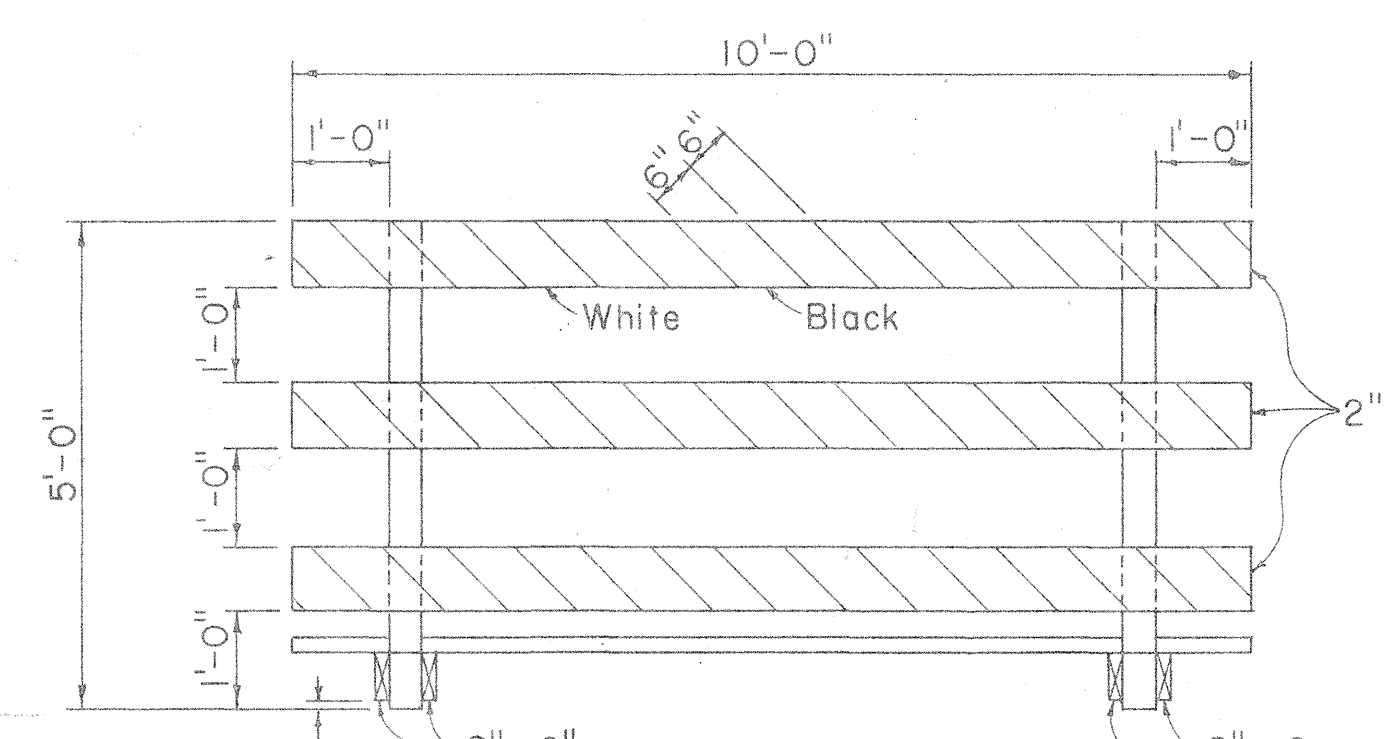
FRONT VIEW



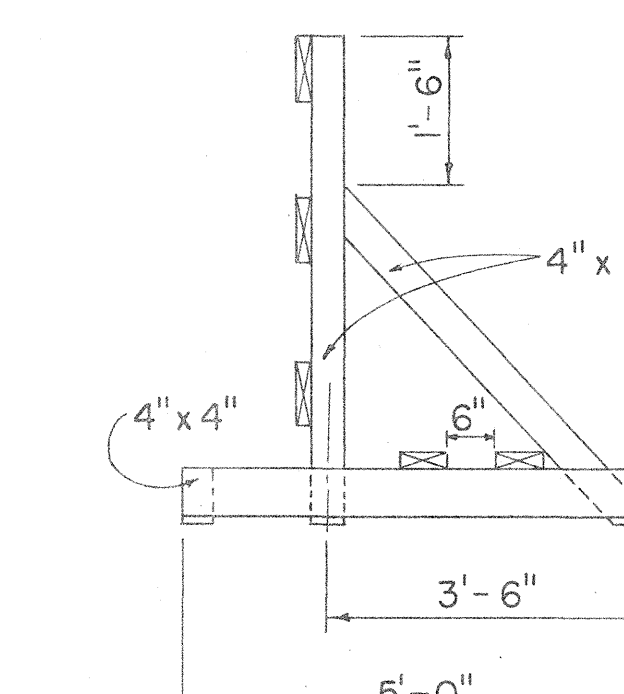
END VIEW

CLASS II BARRICADE

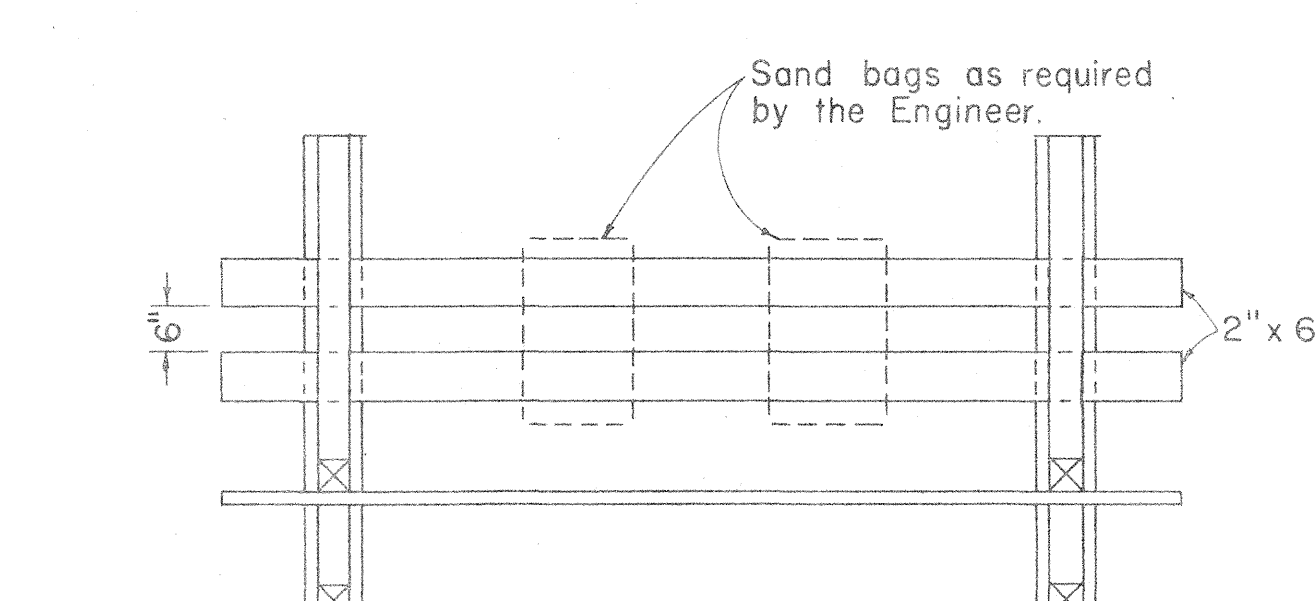
Scale: 1/2"=1'-0"



FRONT VIEW



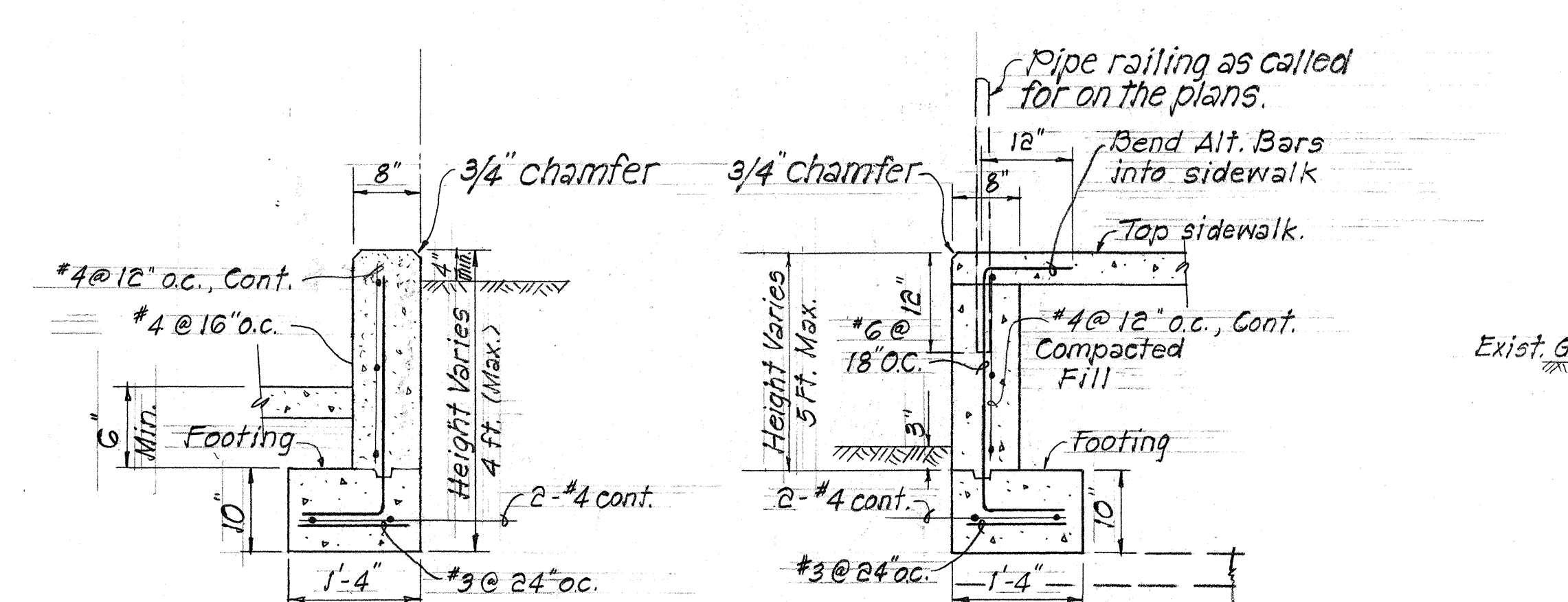
END VIEW



PLAN VIEW

CLASS I BARRICADE

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



TYPE "A"

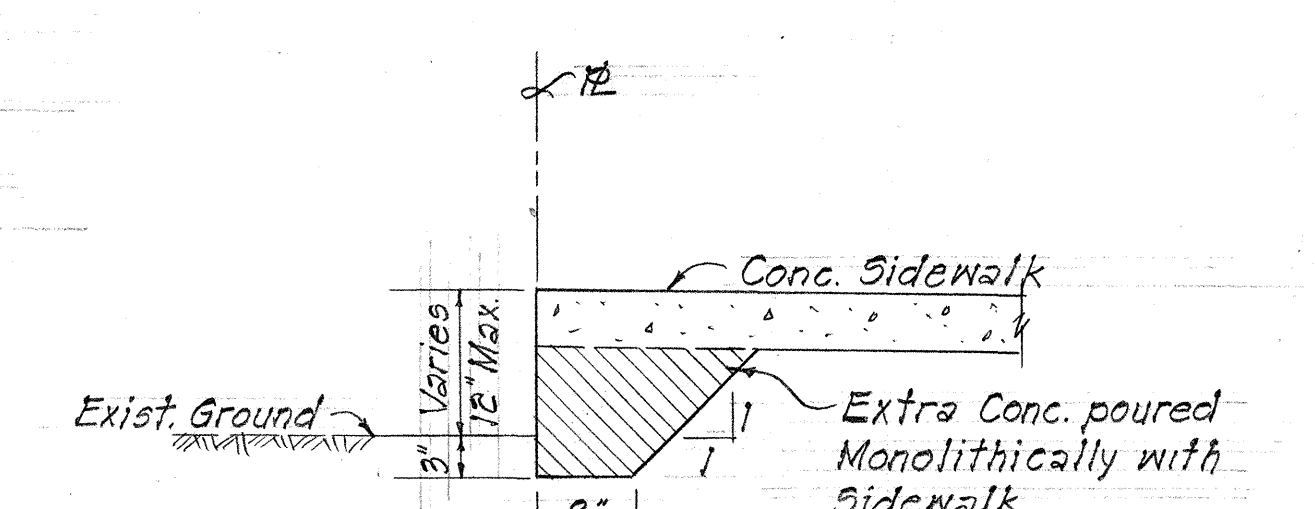
Scale: 3/4"=1'-0"

TYPE "B"

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

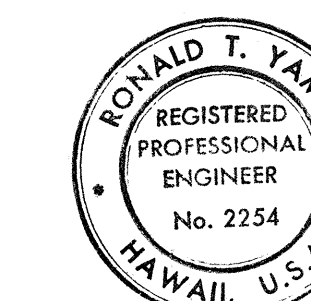
TYPICAL 8" R/C RETAINING WALLS

Scale: As Shown



TYPICAL CONC. RETAINING WALL TYPE "C"

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



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Ronald T. Yamamoto

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

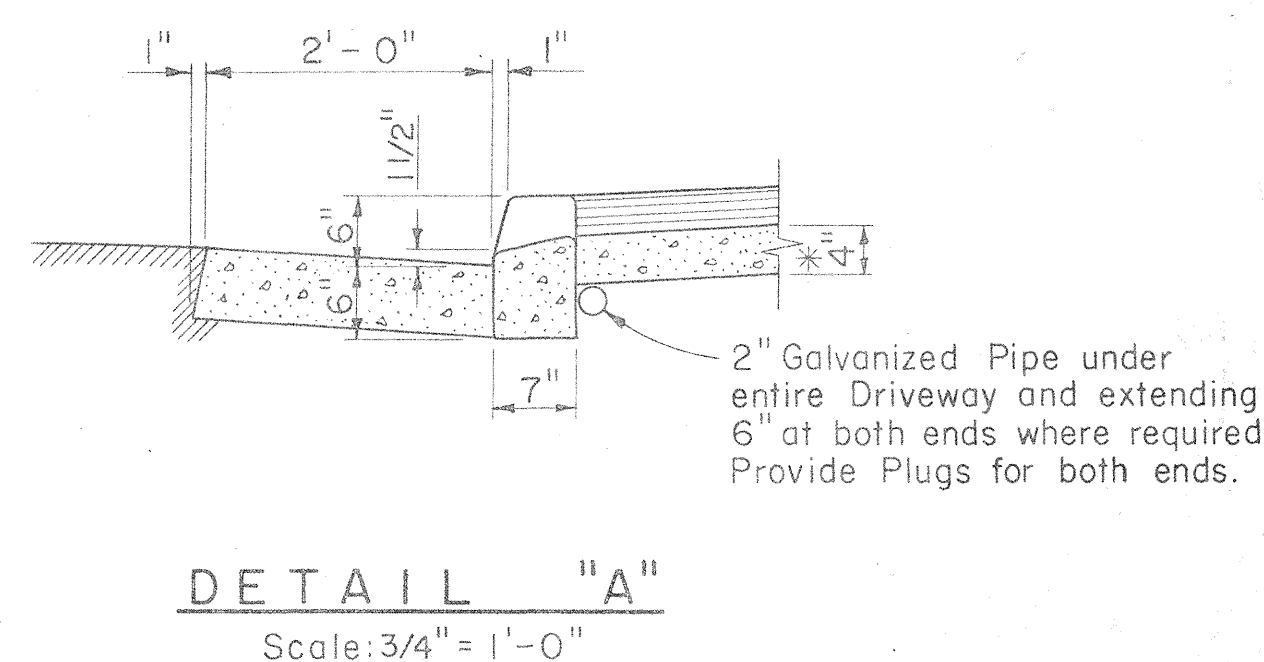
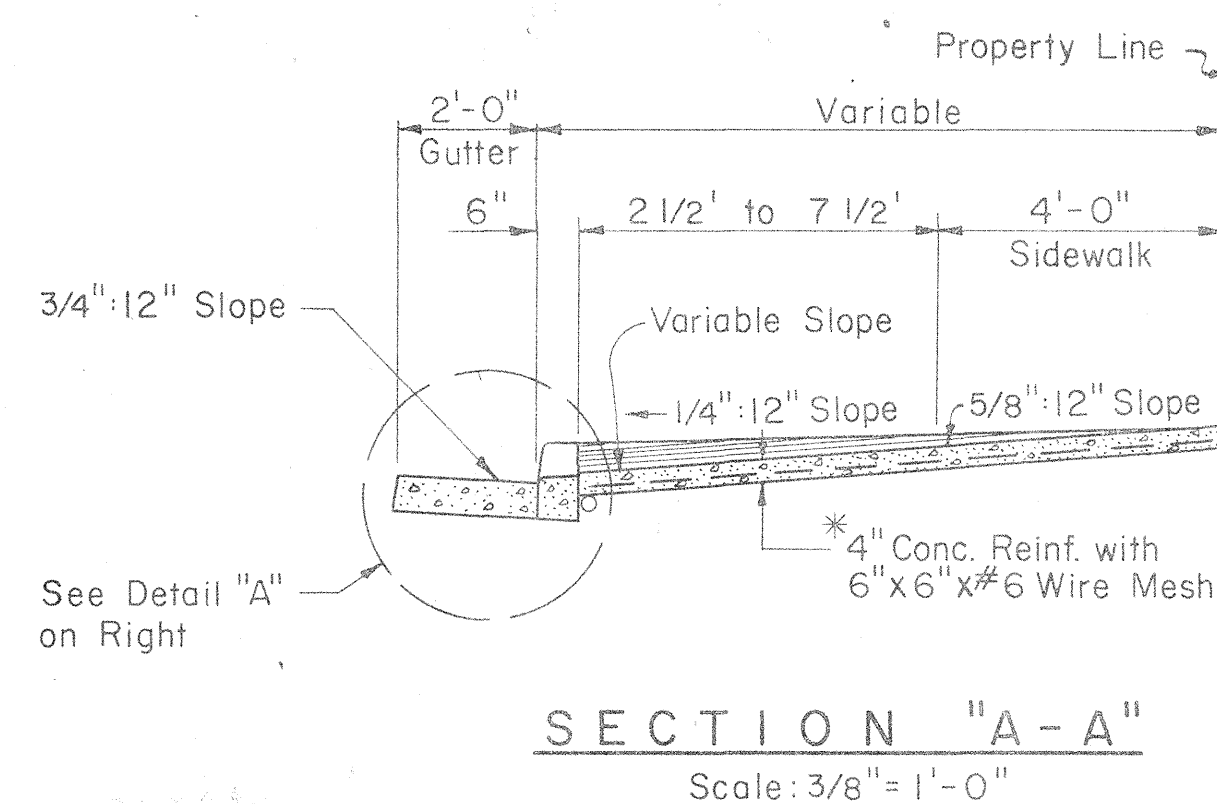
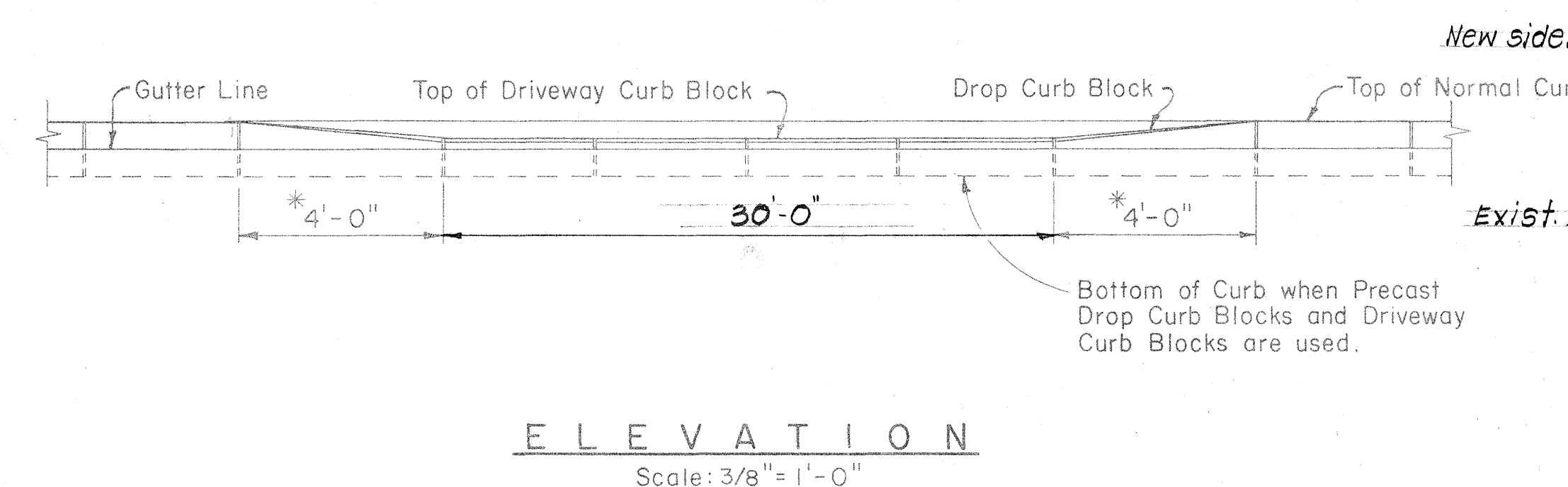
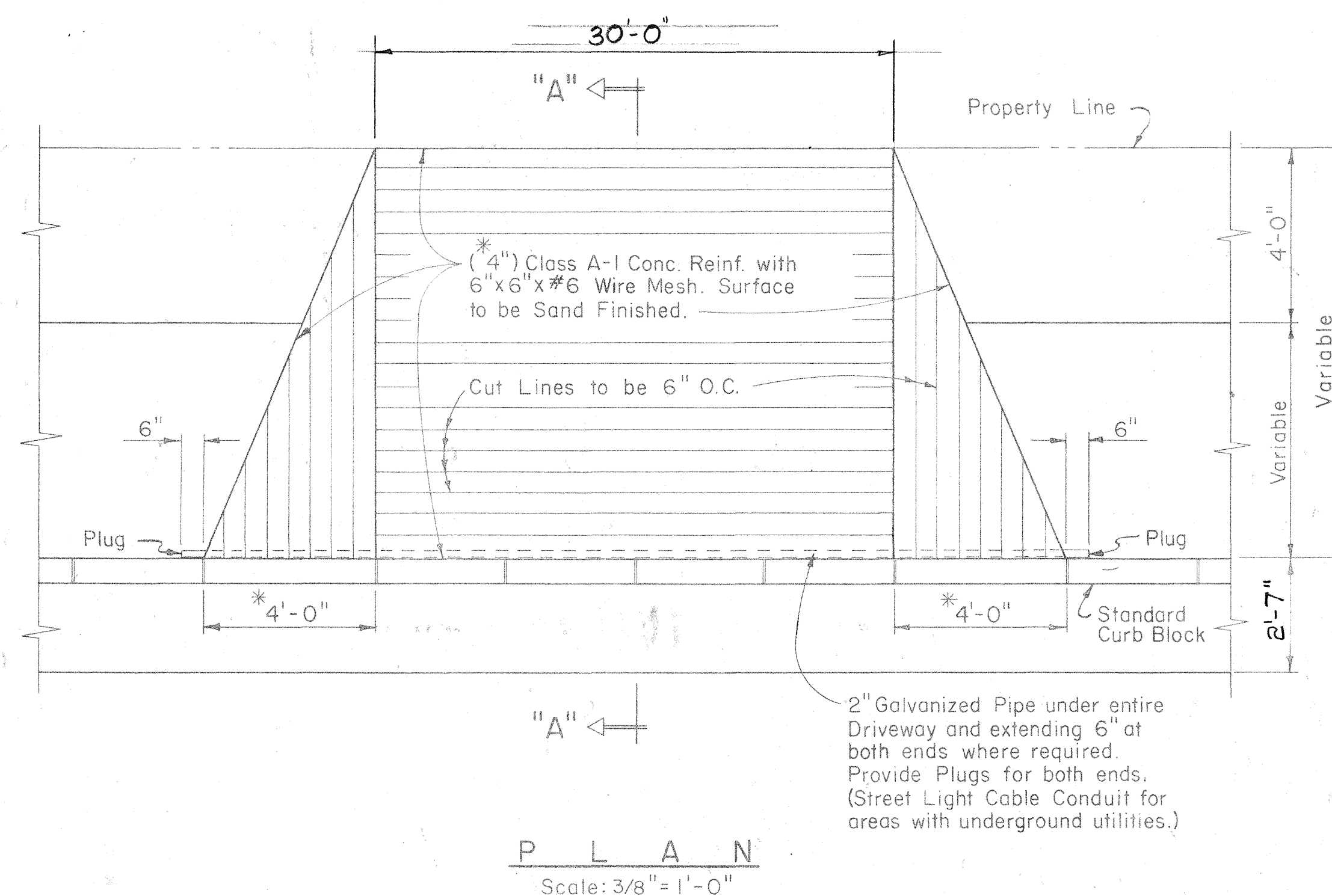
MISCELLANEOUS DETAILS
BARRICADE, A.C. DRIVEWAY, RETAINING WALLS & PIPE RAILING DETAILS

NIMITZ HIGHWAY IMPROVEMENTS
SUMNER STREET TO AWA STREET
PROJECT NO. U-092-1(8)

SCALE: AS NOTED DATE: MAY 1969

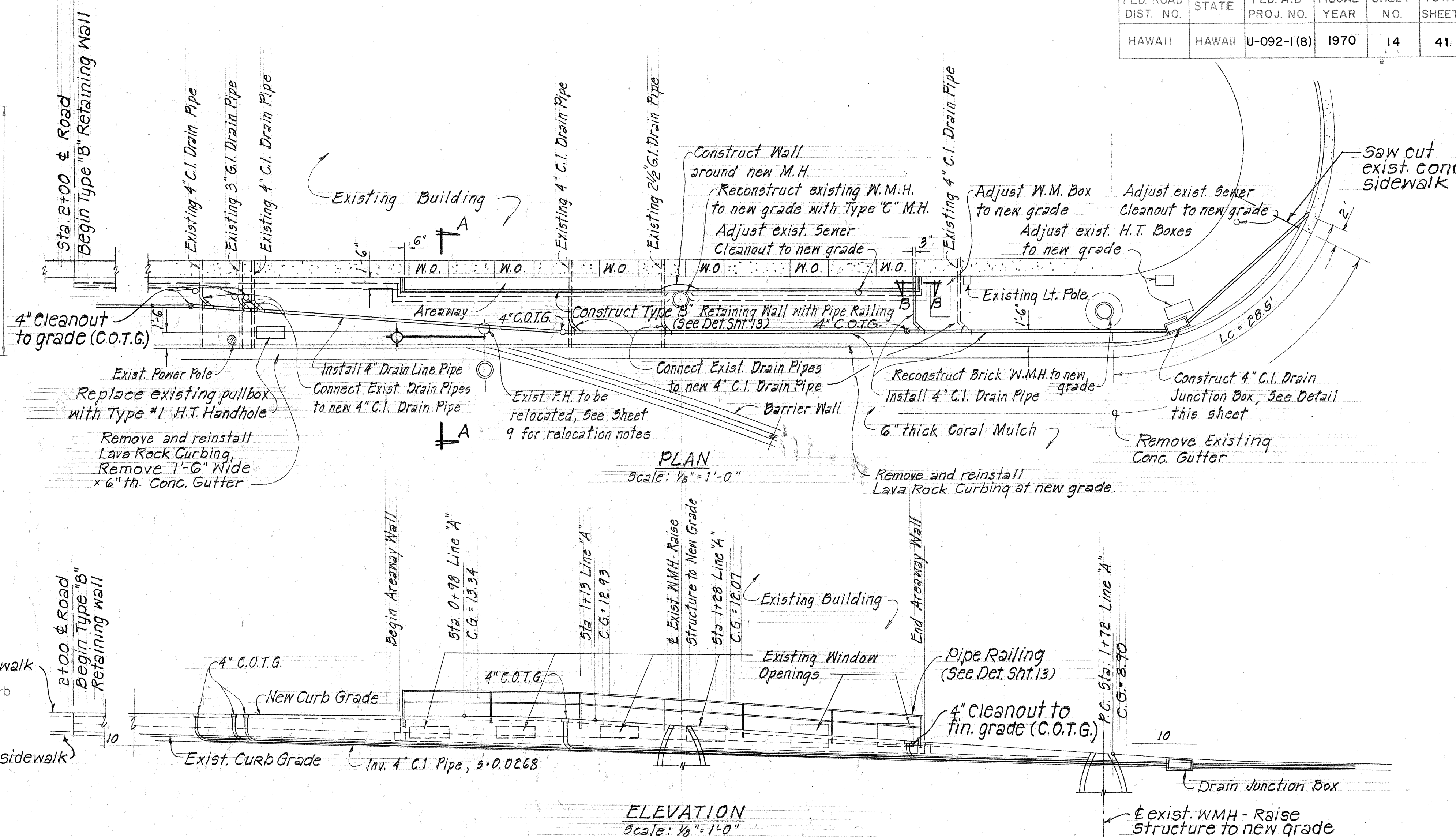
SHEET No. 4 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEET
HAWAII	HAWAII	U-092-1(8)	1970	14	41

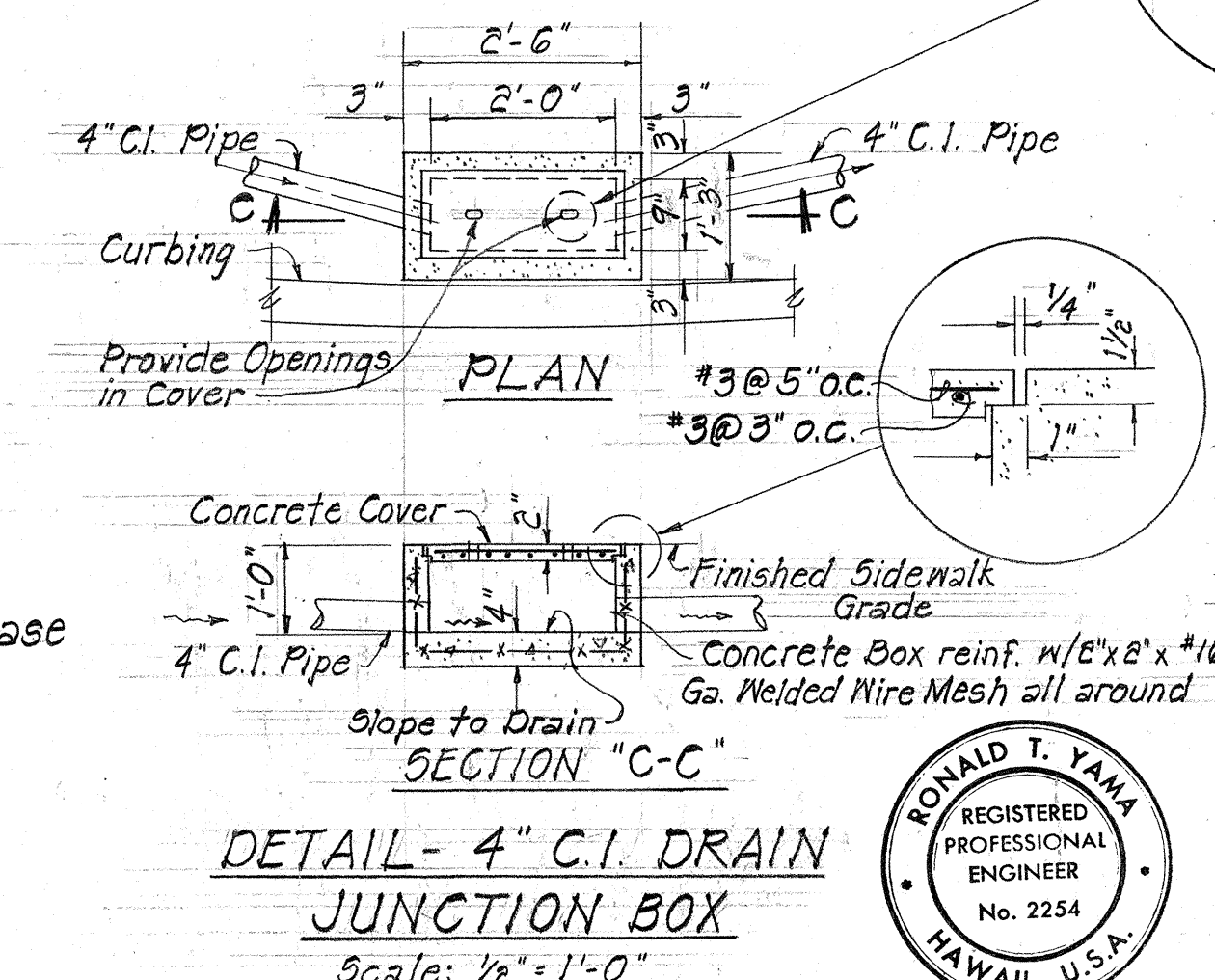
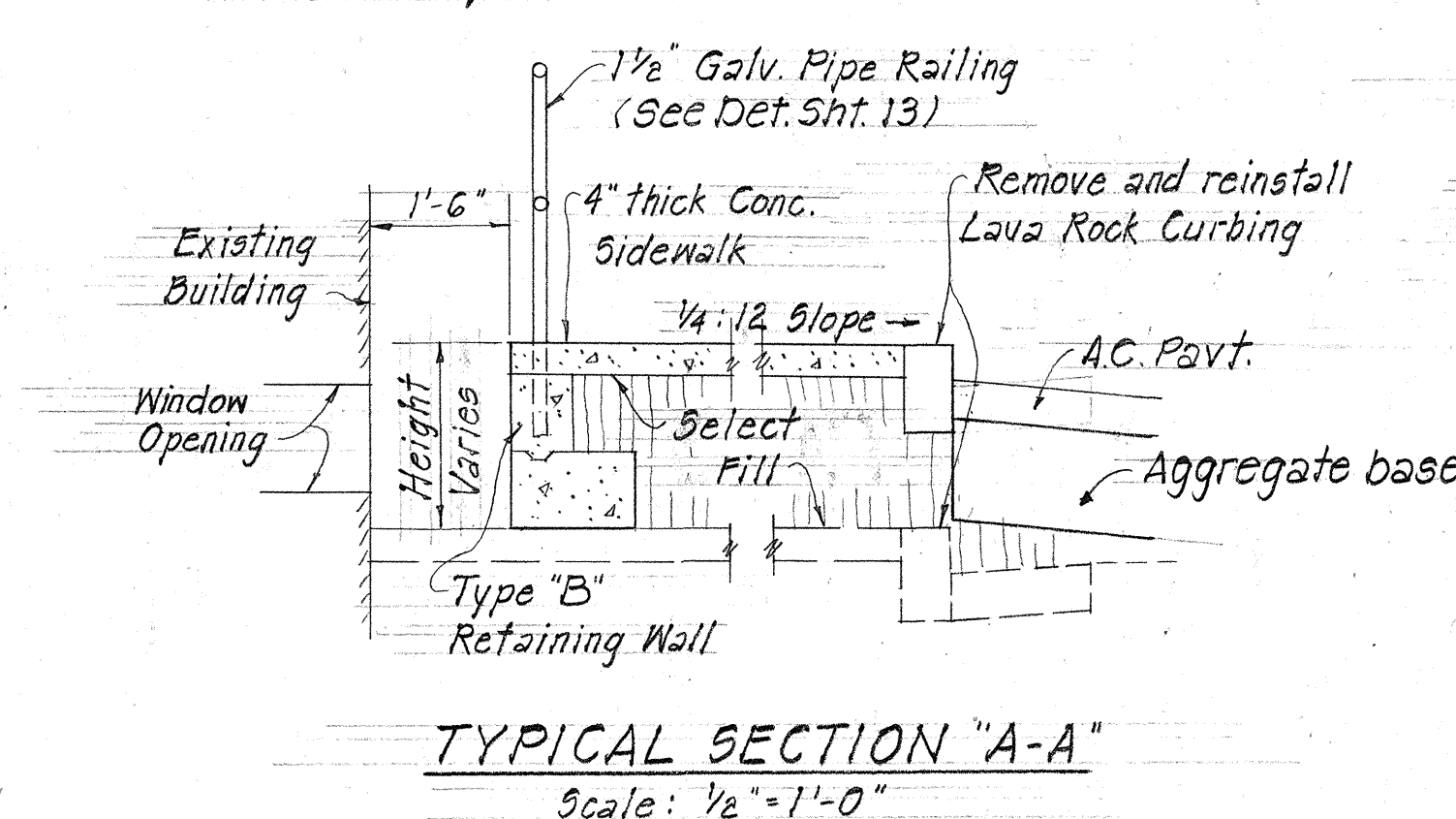
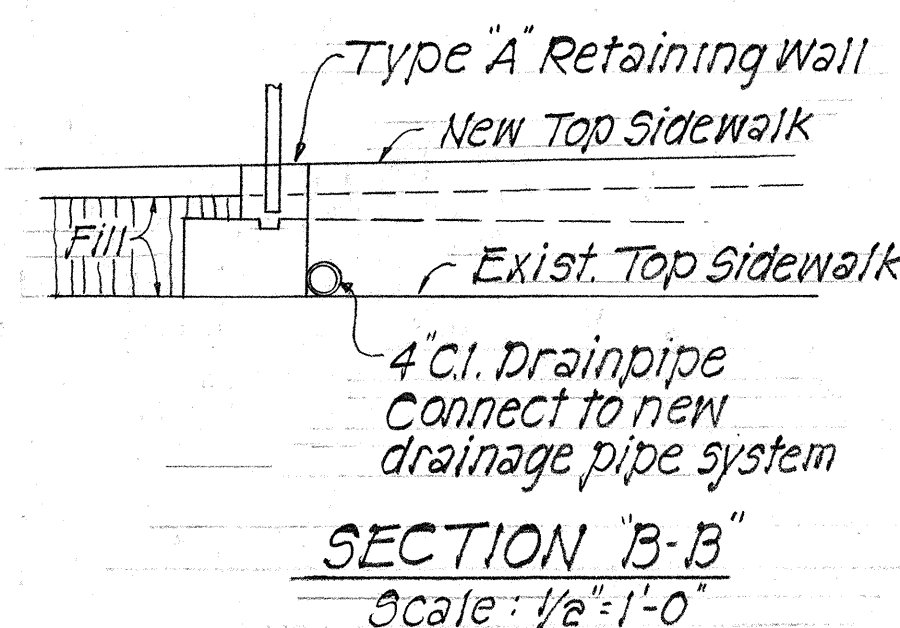


TYPICAL DETAIL OF REINF. CONC. DROP DRIVEWAY

* Use dimension shown unless otherwise noted on the plans.



RAISED SIDEWALK DETAIL AT
SALVATION ARMY BUILDING



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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

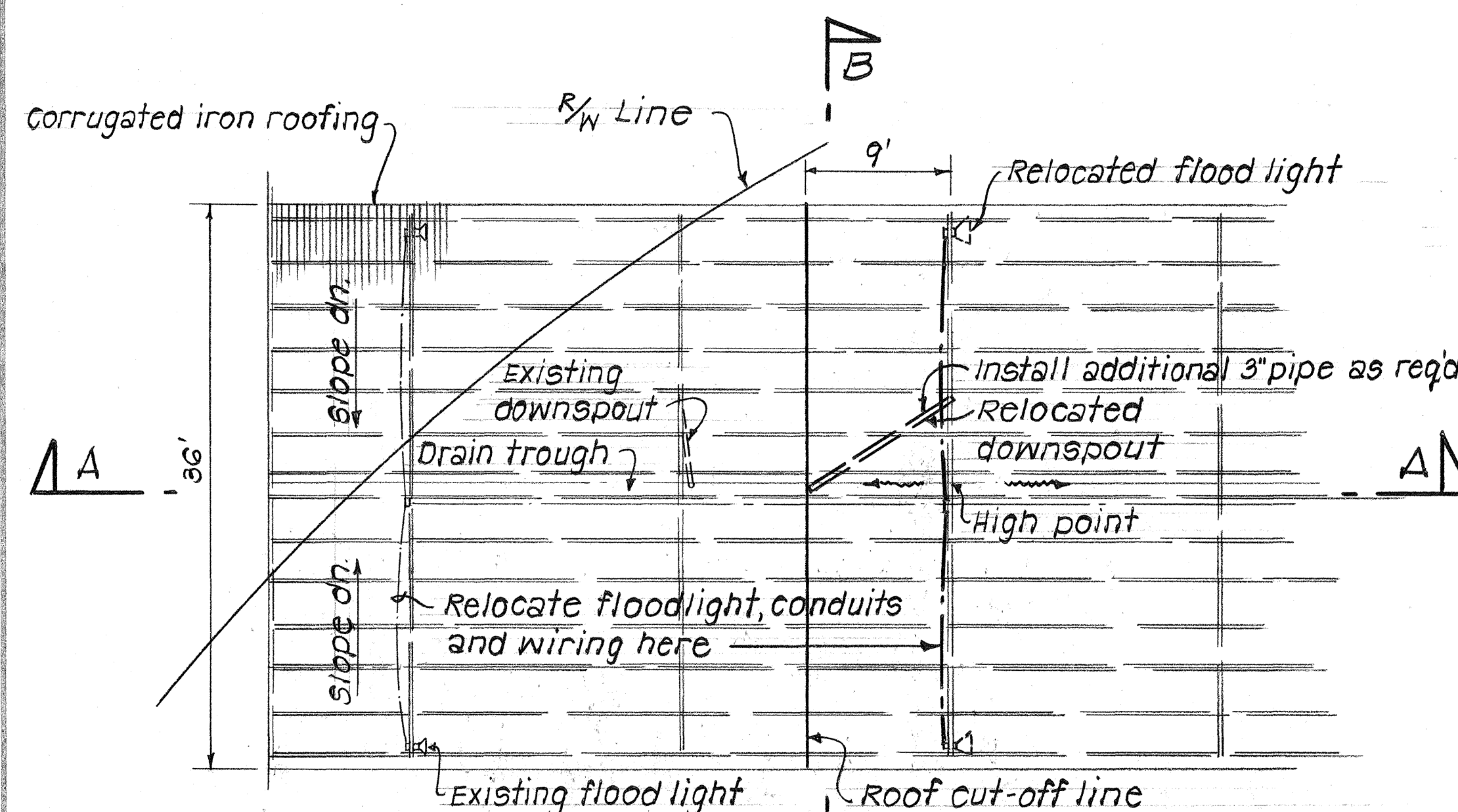
MISCELLANEOUS DETAILS
CONCRETE DROP DRIVEWAY
AND RAISED SIDEWALK DETAILS

NIMITZ HIGHWAY IMPROVEMENTS
SUMNER STREET TO AWA STREET
PROJECT NO. U-092-1(8)

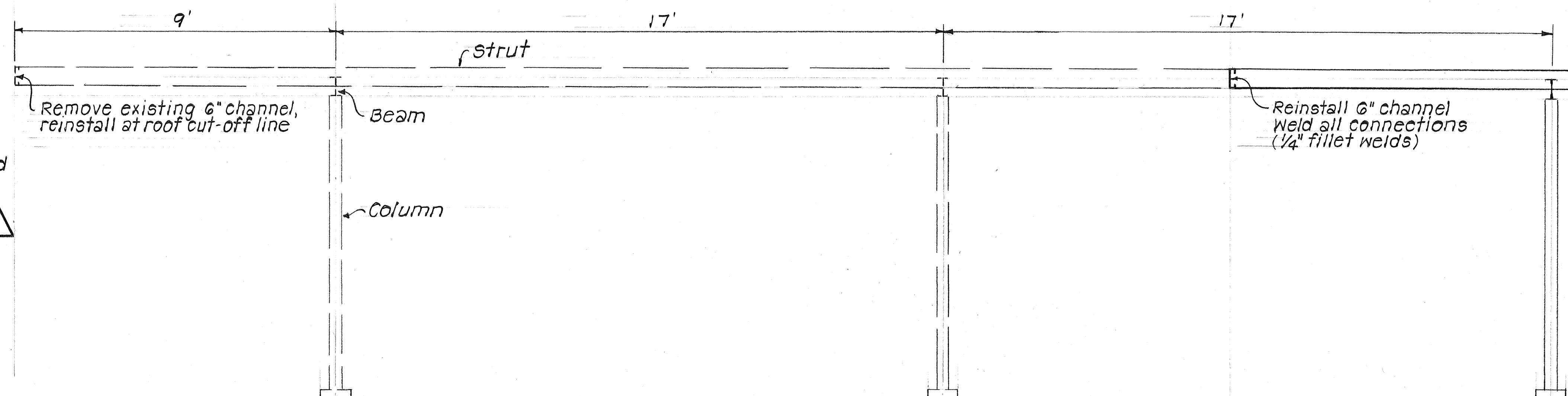
SCALE: AS NOTED DATE: MAY 1969

SHEET No. 5 OF 7 SHEETS

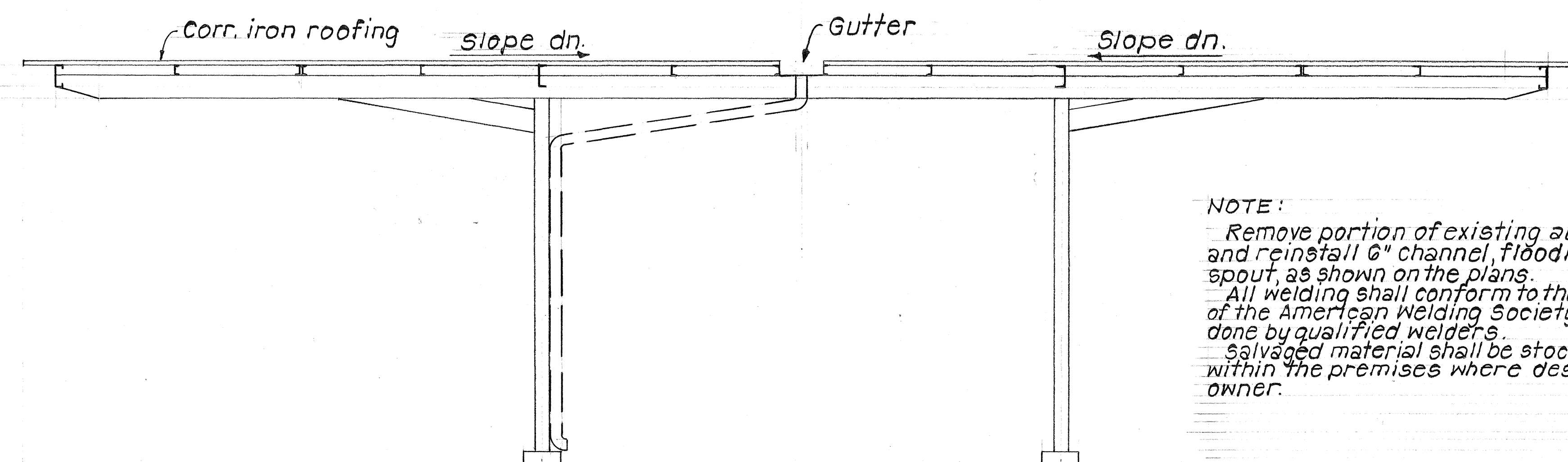
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	U-092-1(B)	1970	16	41



ROOF PLAN
Scale: $\frac{1}{8}" = 1'-0"$

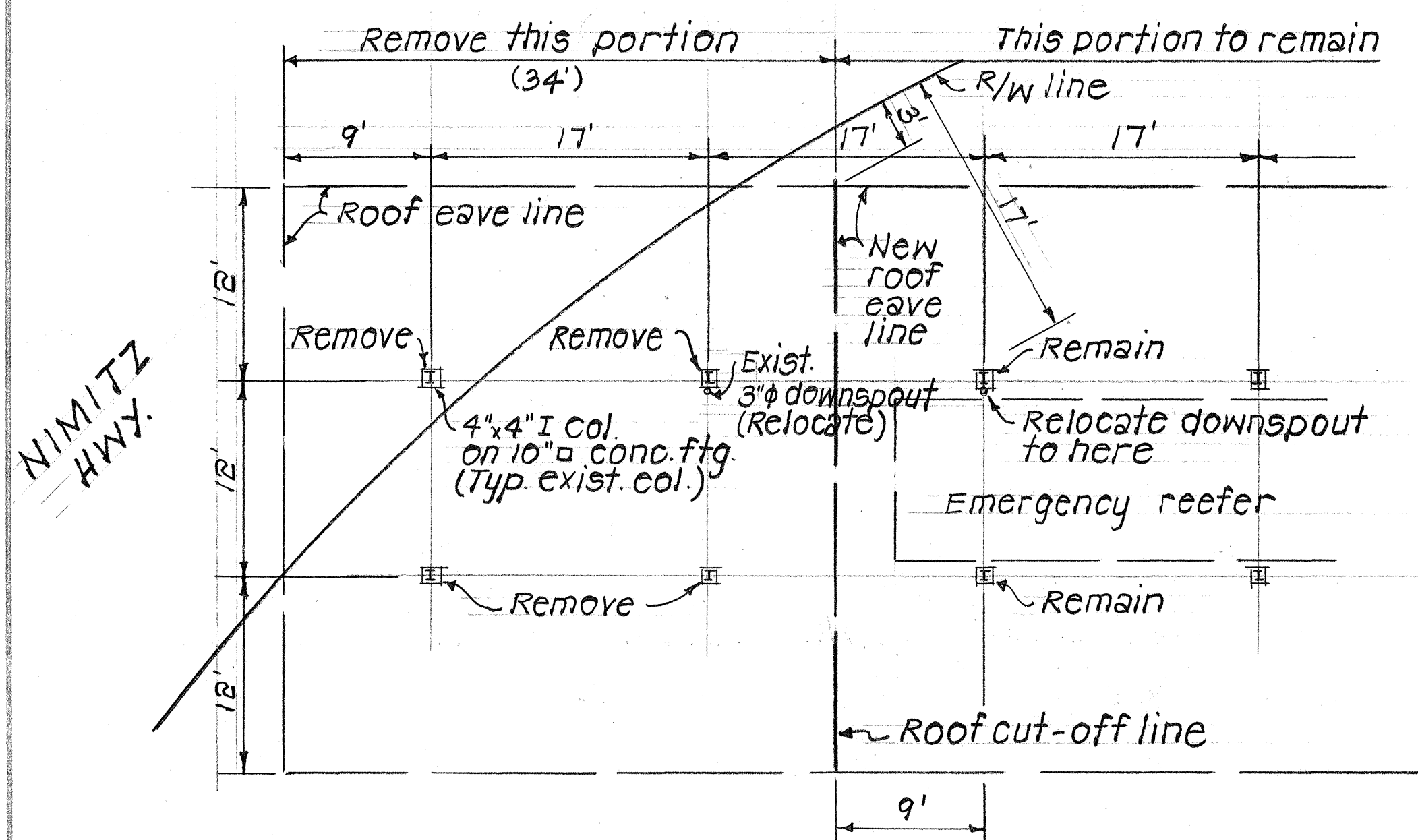


SECTION "A-A"
Scale: $\frac{1}{2}" = 1'-0"$



SECTION "B-B"
Scale: $\frac{1}{2}" = 1'-0"$

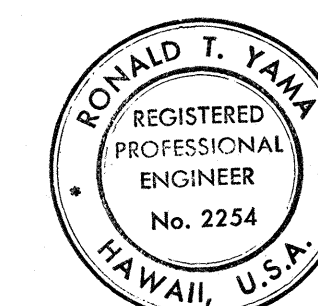
NOTE:
Remove portion of existing auto shed; remove and reinstall 6" channel, floodlights, and downspout, as shown on the plans.
All welding shall conform to the requirements of the American Welding Society and shall be done by qualified welders.
Salvaged material shall be stockpiled neatly within the premises where designated by the owner.



FOUNDATION PLAN
Scale: $\frac{1}{8}" = 1'-0"$

NIMITZ HWY.

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	



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ME OR UNDER MY SUPERVISION.
Ronald T. Yama

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS DETAILS
REMOVING OF A PORTION OF EXISTING AUTO SHED

NIMITZ HIGHWAY IMPROVEMENTS
SUMNER STREET TO AWA STREET
PROJECT NO. U-092-1 (B)

SCALE: AS NOTED DATE: DEC. 1969
SHEET No. 7 OF 7 SHEETS