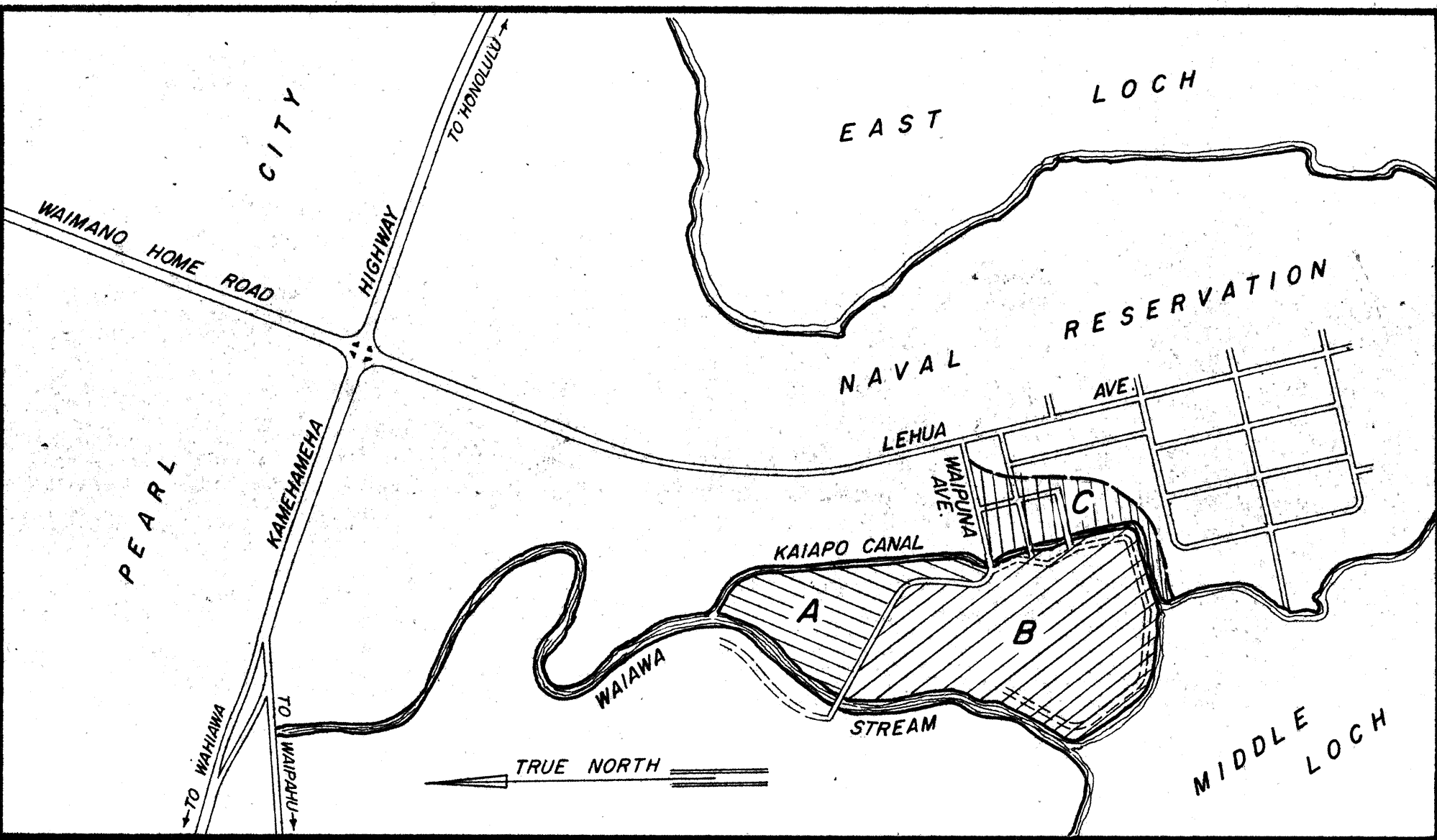


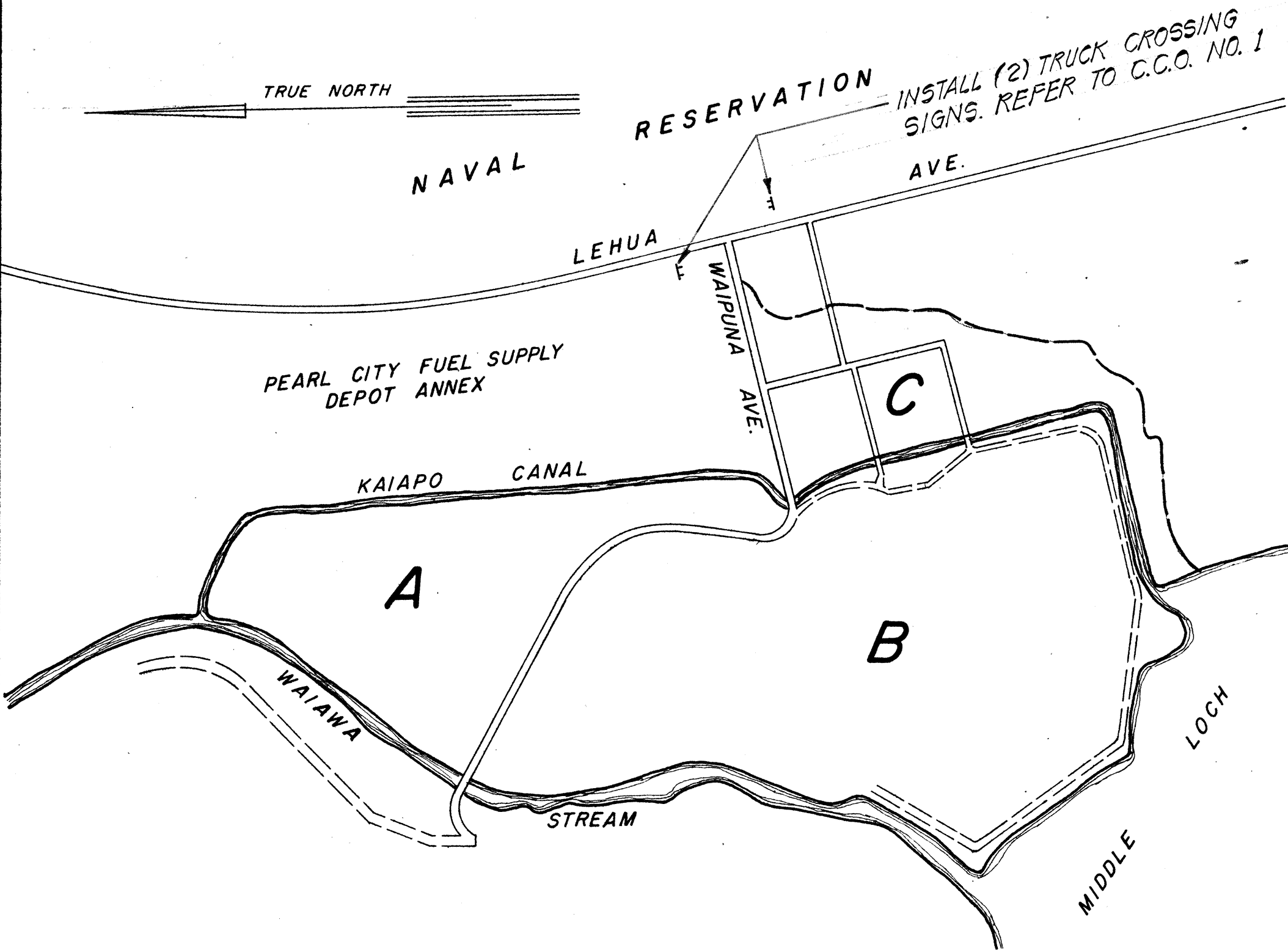
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(64):12 Unit 1 I-HI-1(16):11	1999	37	158



LOCATION MAP
SCALE: 1" = 1000'

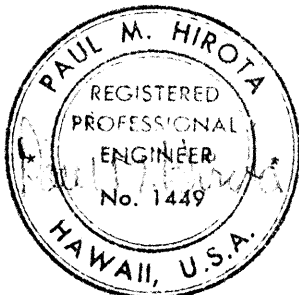
NOTES:

1. The material shall be deposited in Area "C". The fill shall be constructed to approximate elevation +12 in accordance with the requirements of Section 18 Embankment, and compacted to a relative compaction of 90 percent. The finished surface shall be graded smooth. The fill shall be started at Waipuna Avenue and continue Southward. If more material is available than is required to fill Area "C", the excess material shall be deposited across Kaiapo Canal in Area "B" adjacent to Area "C". The edge of the fill, where adjacent to waterways, shall be built with granular material and the fill slope shall be 3:1.
2. The Contractor's hauling equipment and loads shall conform to the State of Hawaii's vehicle weight and loading limitations.
3. The Contractor shall obtain a permit to enter Navy property from the Commander (Code 07), Pacific Division, Naval Facilities Engineering Command, FPO San Francisco 96810 (Telephone No. 43-31217).
4. During construction of the embankment, the Contractor shall apply water to abate dust nuisance as specified in SECTION 23-SPRINKLING of the Special Provisions.



SITE PLAN
PEARL CITY PENINSULA DISPOSAL SITE
SCALE: 1" = 400'

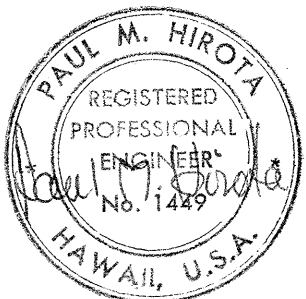
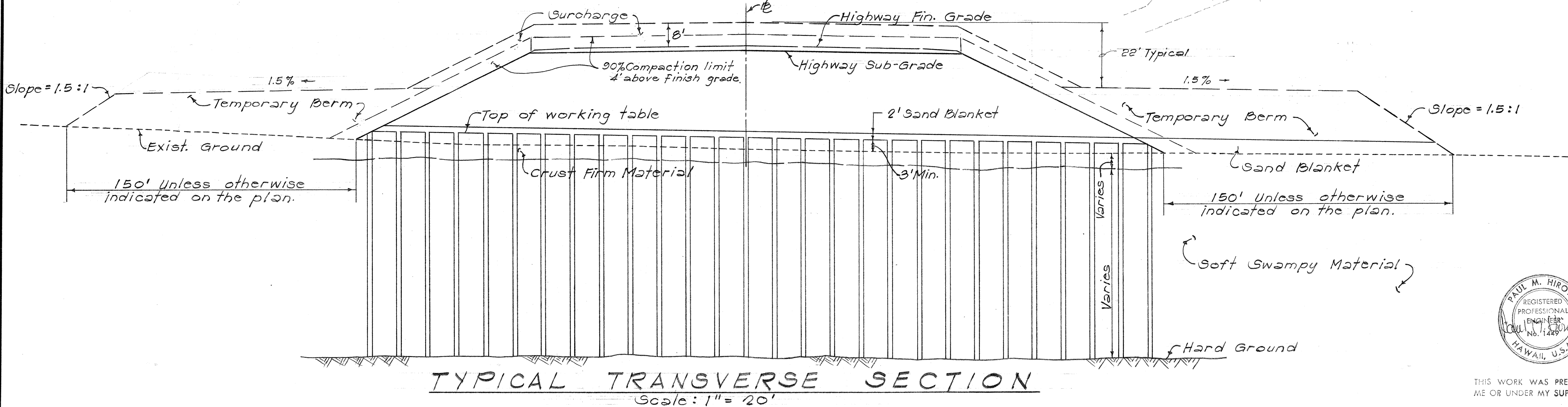
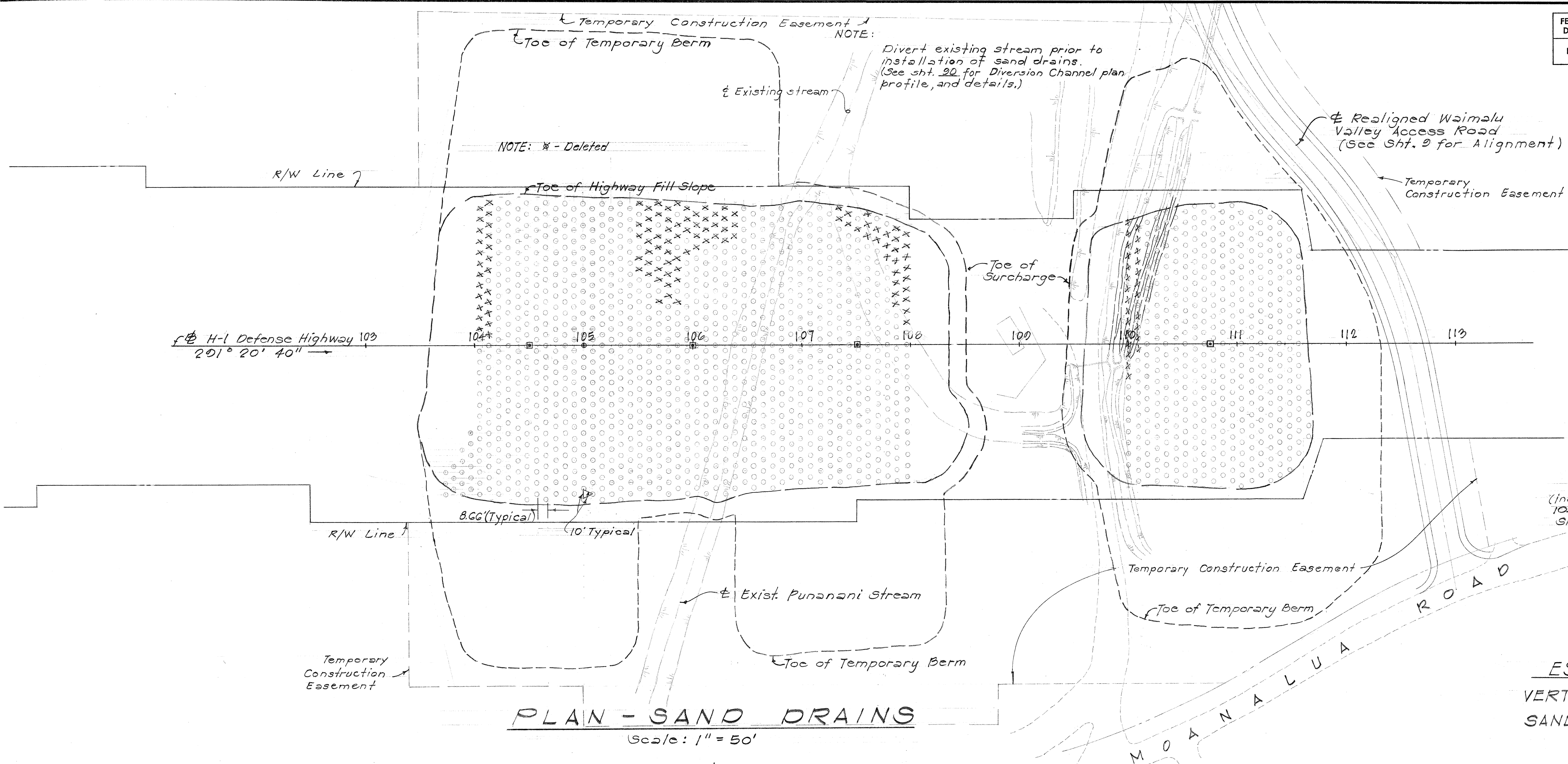
SURVEY PLATTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PEARL CITY PENINSULA DISPOSAL SITE
INTERSTATE ROUTE H-1
PROJ. NO. I-HI-1(64):12,
UNIT 1
Scale: As Noted Date: 8/16/98
SHEET No. 1 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1(24):12 UNIT 1	1962	38	158
		I-H-1(16):11			



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SAND DRAINS
PLAN AND TYPICAL SECTION

INTERSTATE ROUTE H-1
PROJ. NO. I-H-1(24):12, UNIT 1

Scale: As Shown Date: 8/19/62

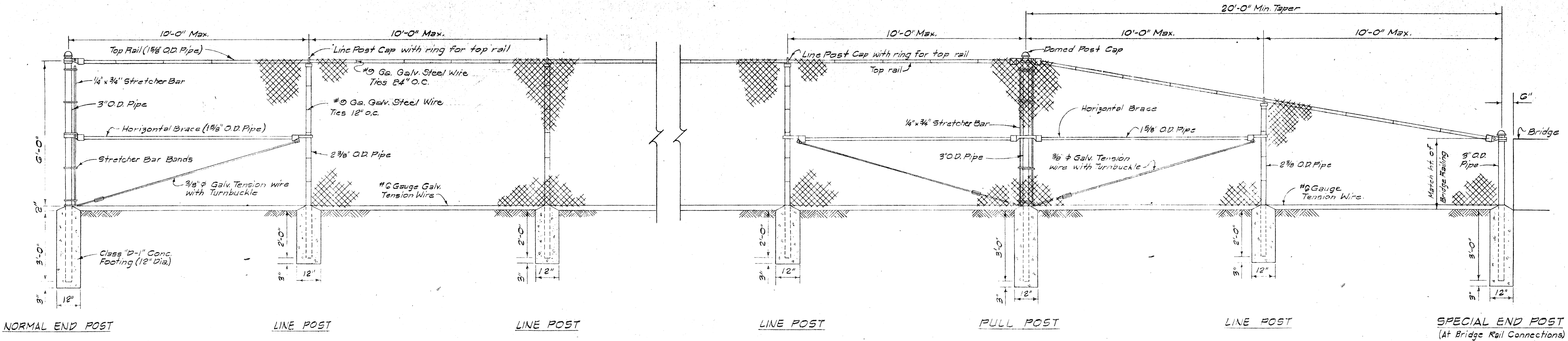
SHEET No. 2 OF 2 SHEETS

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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	T-H-1(64)12 Unit I	1969	39	158
		T-H-1(16)11			

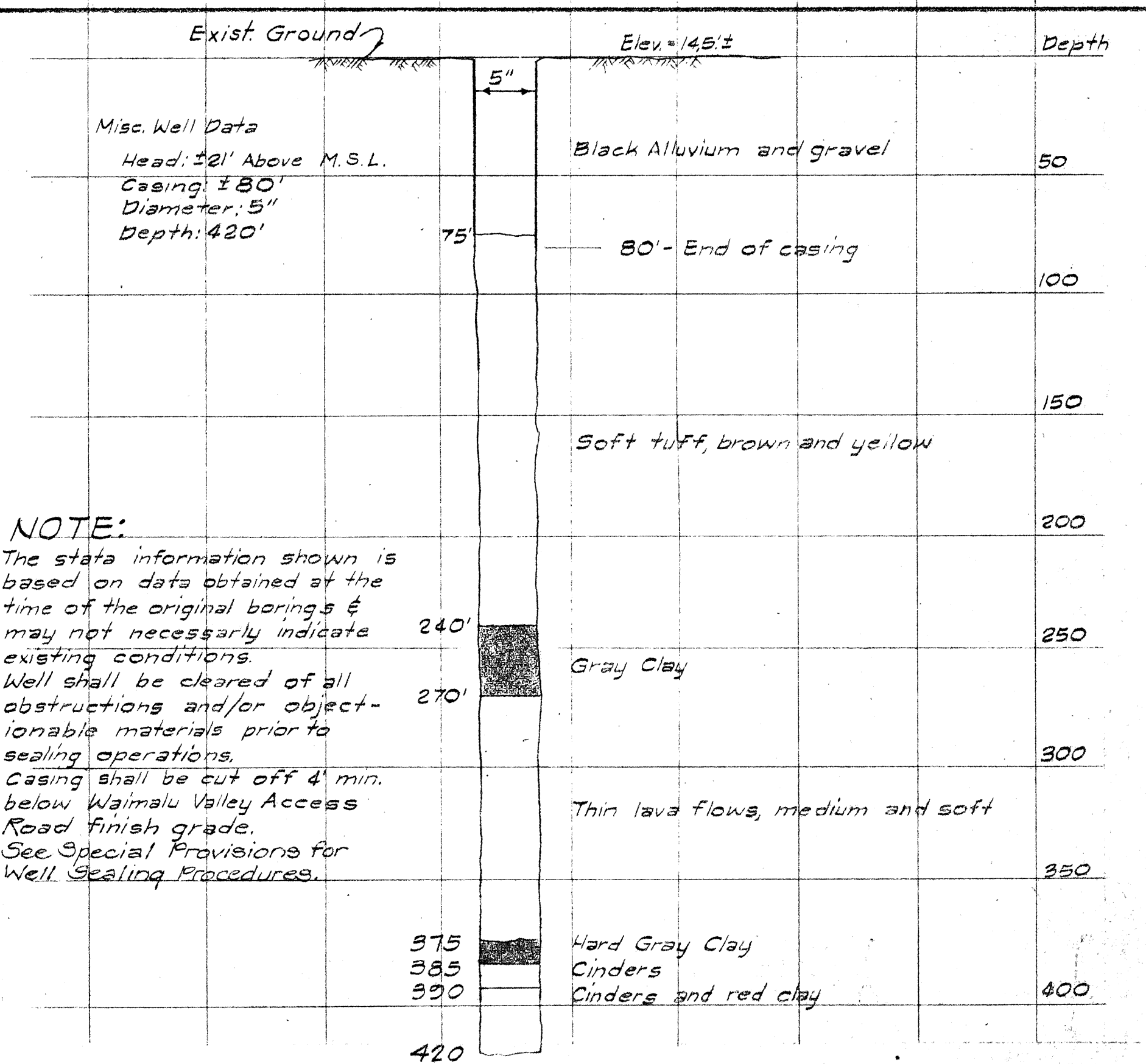
NOTE:

- 1) Special tapered fencing at bridge railing connections shall be measured & paid for as 72" chain link fence.
- 2) One each pad lock with G keys shall be supplied for each gate installed. (Incidental to 4' Chain Link Gate.)



CHAIN LINK FENCE DETAILS

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



NOTE:

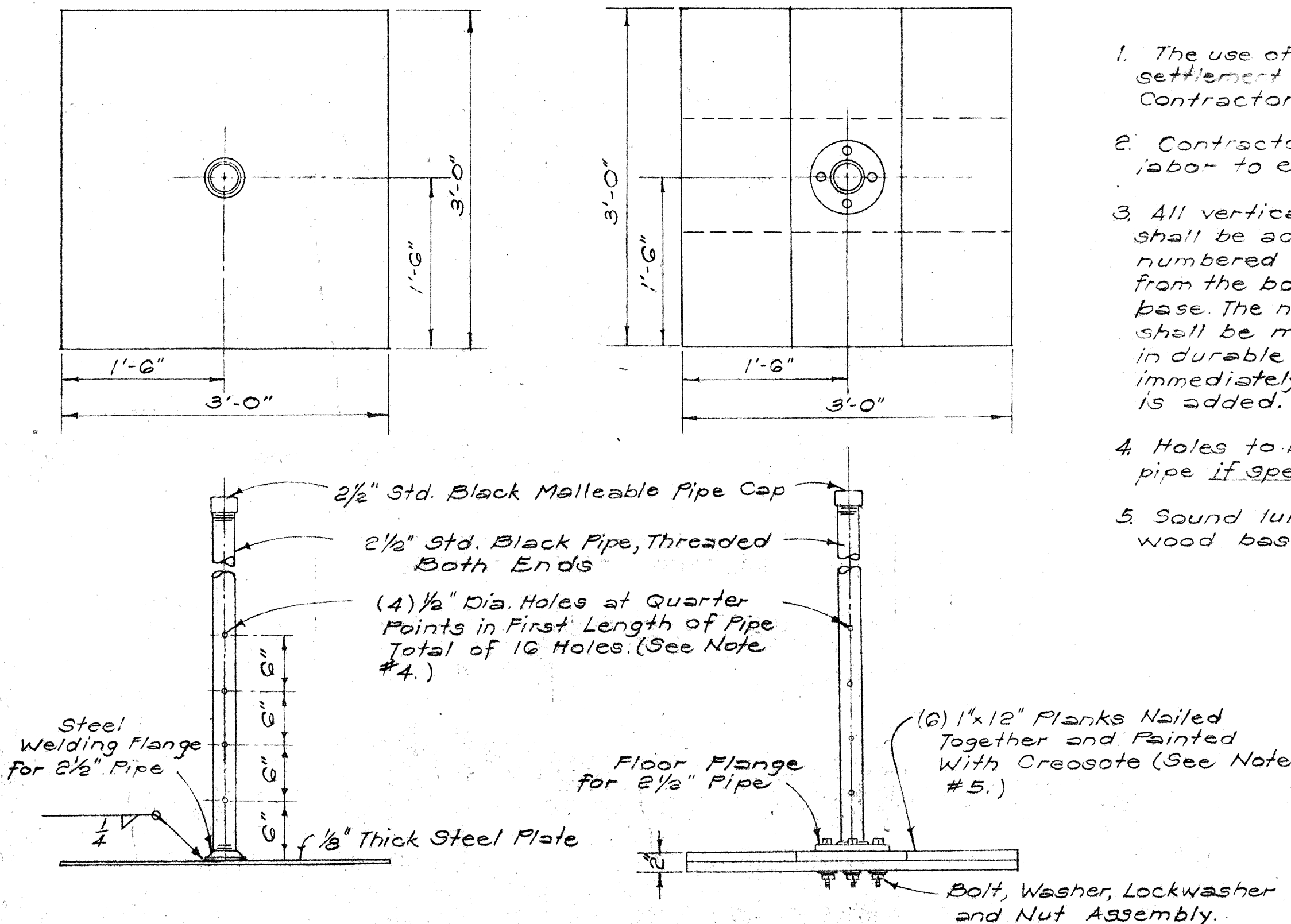
1. The data information shown is based on data obtained at the time of the original boring & may not necessarily indicate existing conditions.
2. Well shall be cleared of all obstructions and/or objectionable materials prior to sealing operations.
3. Casing shall be cut off 4' min. below Waimalu Valley Access Road finish grade.
4. See Special Provisions for Well Sealing Procedures.

WELL NO. 123-1

Not to Scale

APPROVED: *[Signature]*

Chief Engineering Division Date: 7/16/68
Board of Water Supply



STEEL BASE PLATFORM

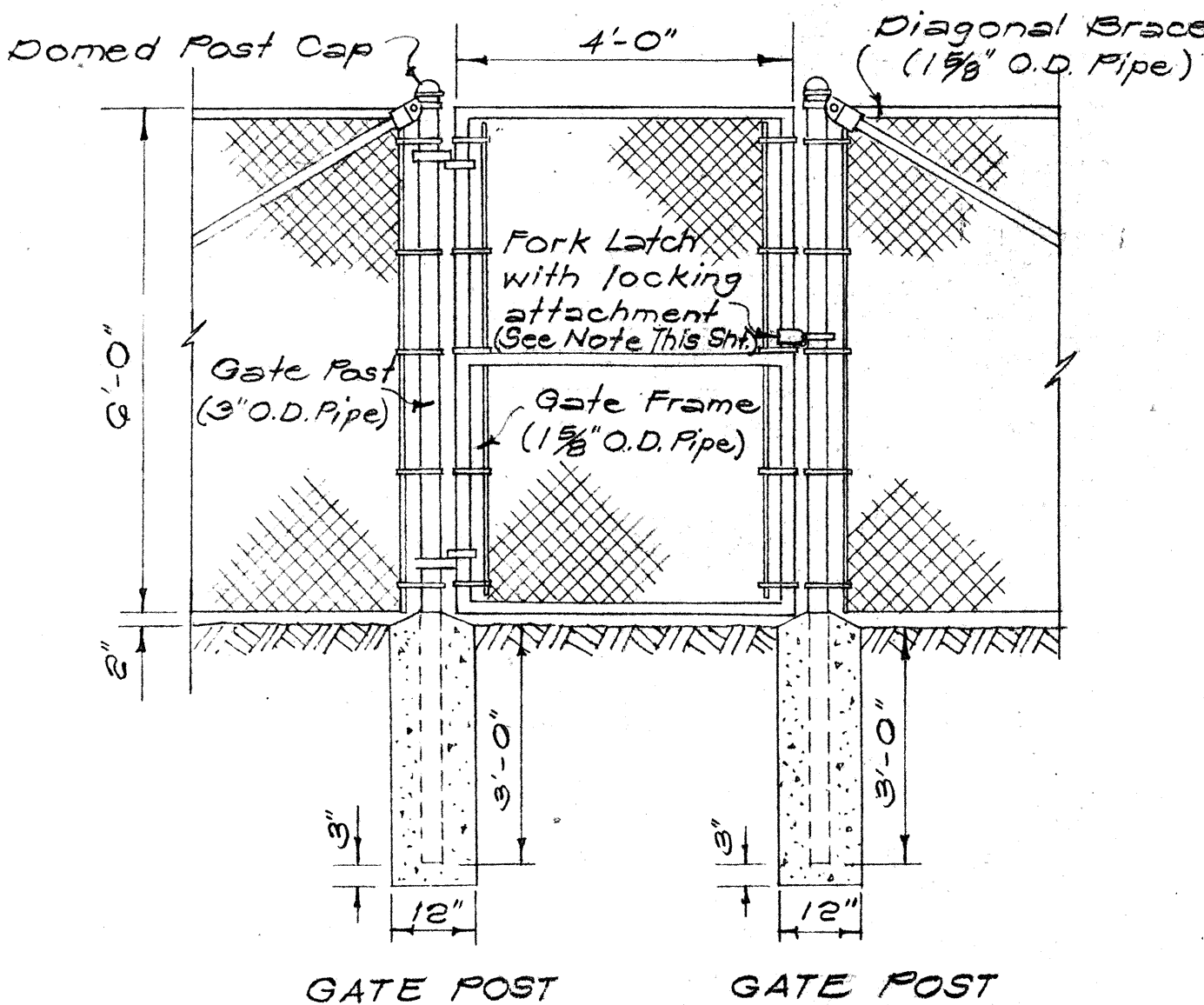
WOOD BASE PLATFORM

DETAIL - SETTLEMENT PLATFORM

Scale: 1" = 1'-0"

GENERAL NOTES

1. The use of either the steel or wood base settlement platforms shall be the Contractor's option.
2. Contractor to furnish material and labor to extend pipe up through fill.
3. All vertical pipes of settlement platforms shall be accurately and consecutively numbered in one foot intervals measured from the bottom of the settlement platform base. The numbering and graduations shall be marked on the vertical pipe in durable yellow paint by the Contractor immediately after each section of pipe is added.
4. Holes to be drilled in first length of pipe if specified.
5. Sound lumber must be used for the wood base platform.



CHAIN LINK GATE DETAILS

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

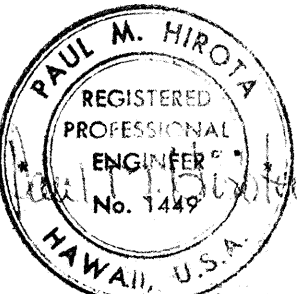
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS
ROADWAY DETAILS

INTERSTATE ROUTE H-1
PROJ. NO. I-H-1(64)12,
UNIT I

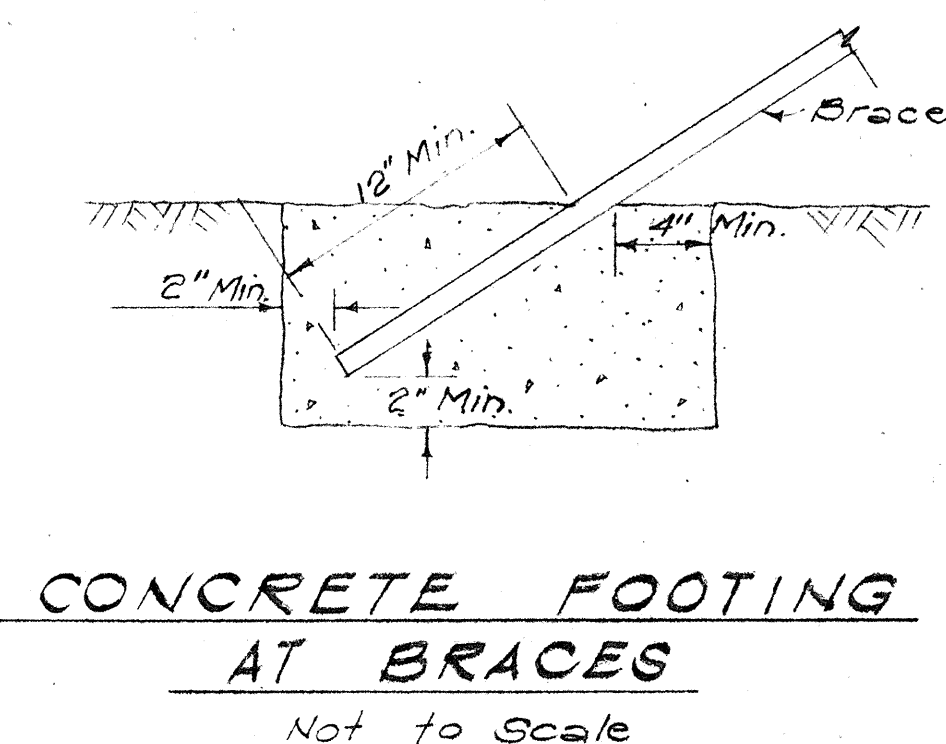
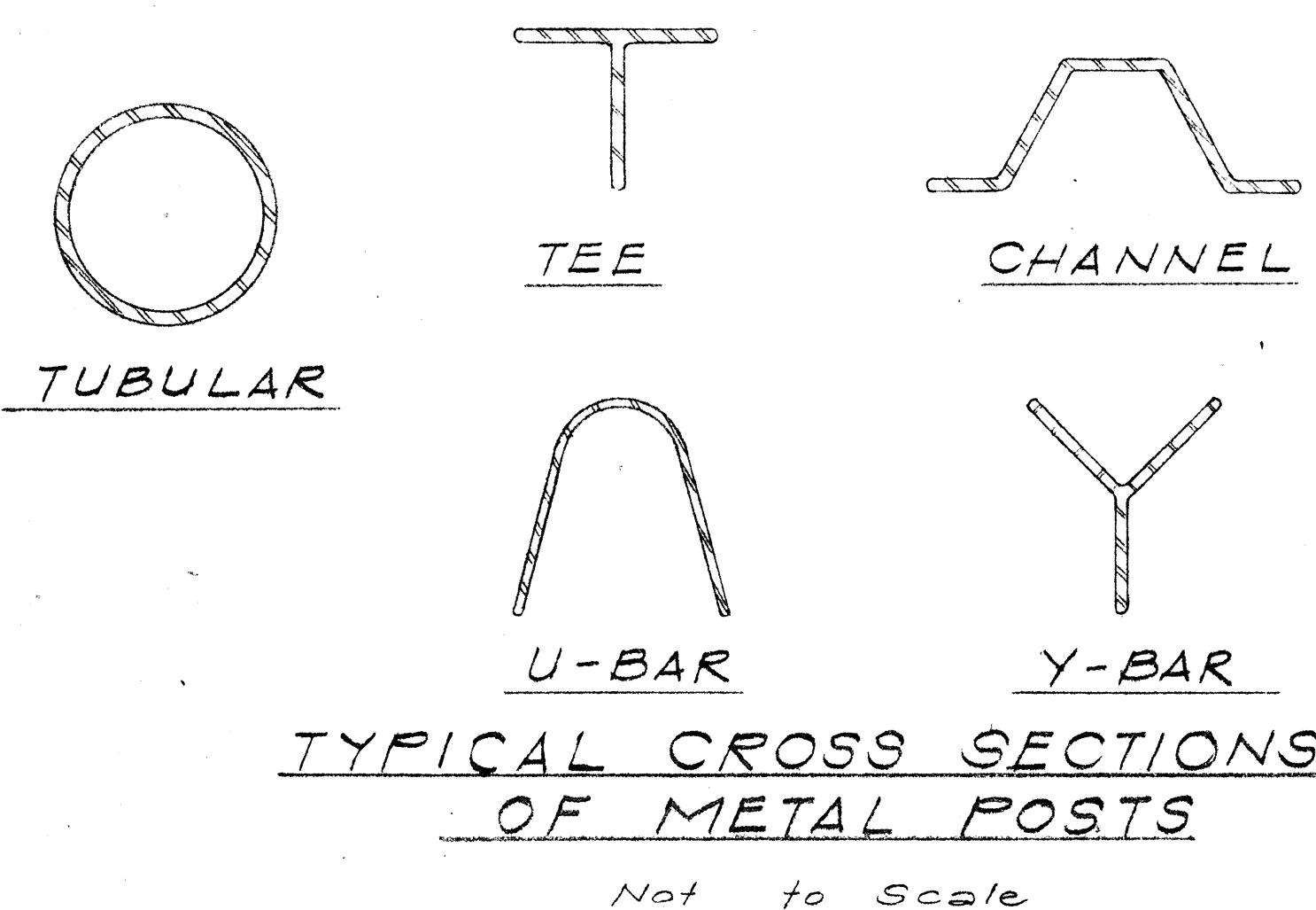
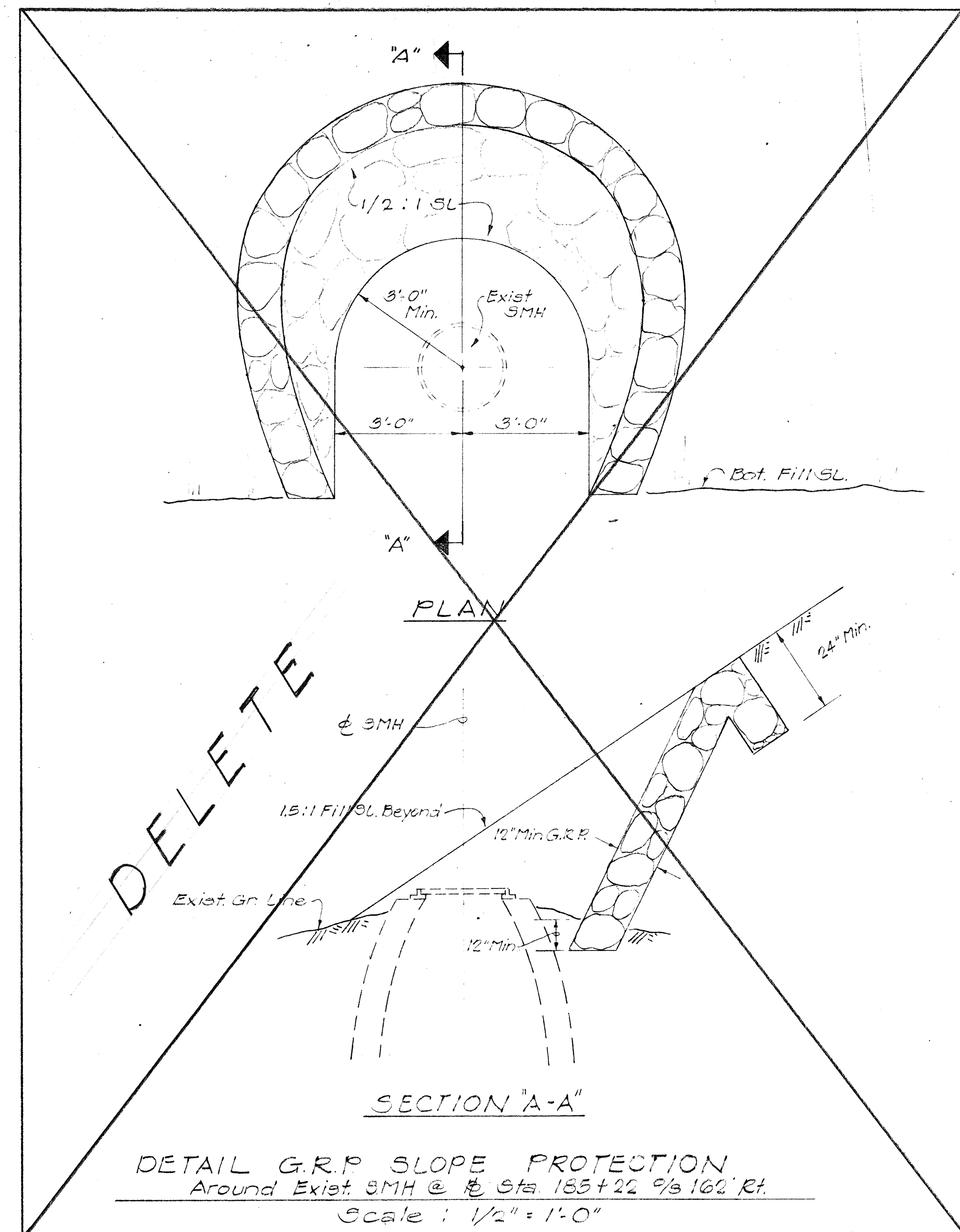
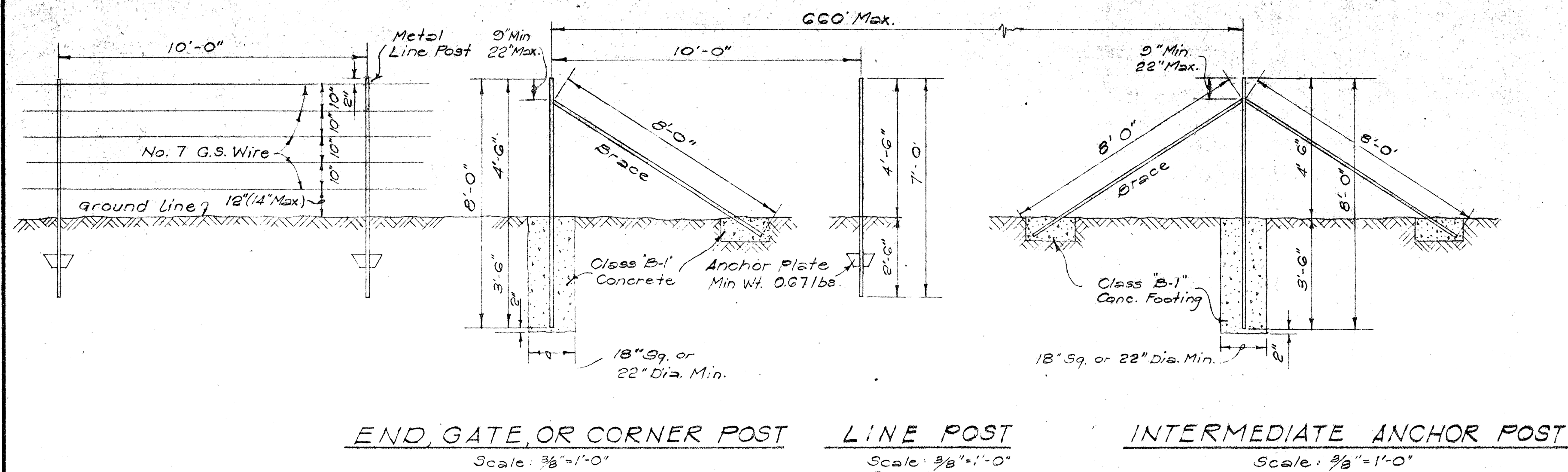
Scale: As Shown Date: 6/10/68

SHEET No. 3 OF 9 SHEETS

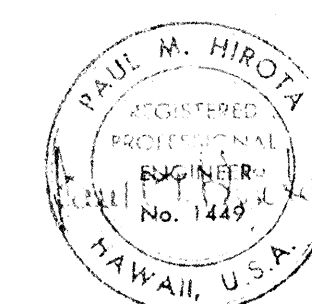


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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(64)-12 Unit 1	1960	40	158
		I-HI-1(12)-11			



DETAILS OF STANDARD WIRE FENCE WITH METAL POSTS Scale: As Shown



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

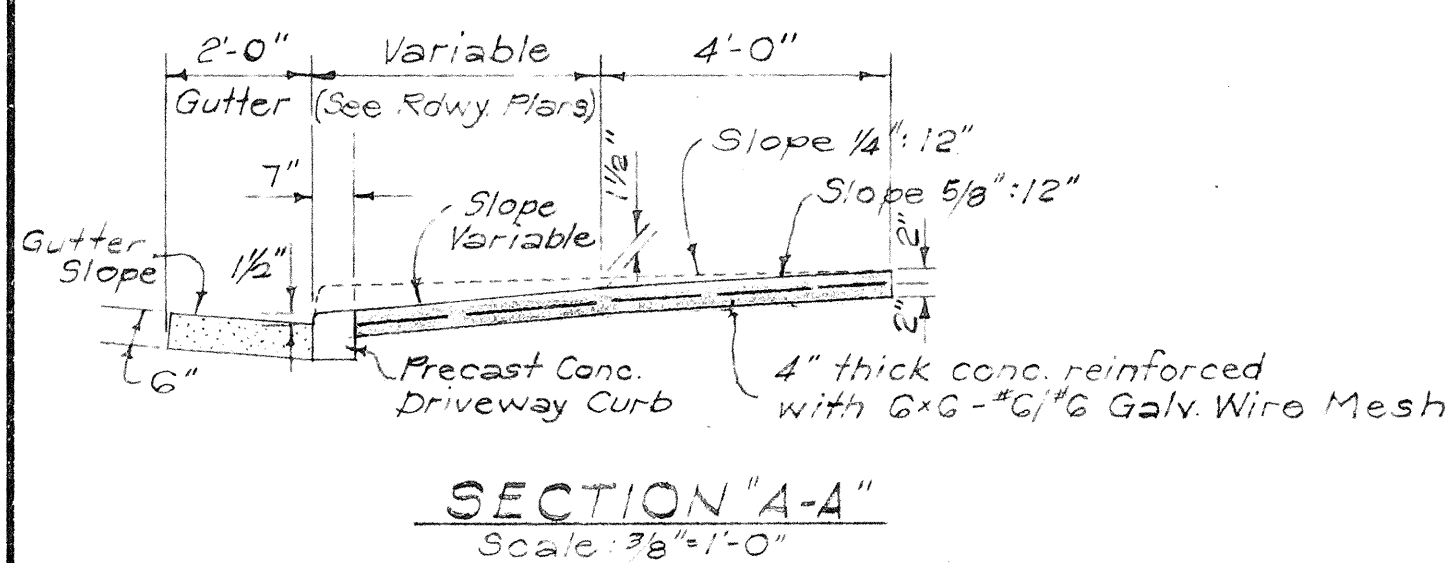
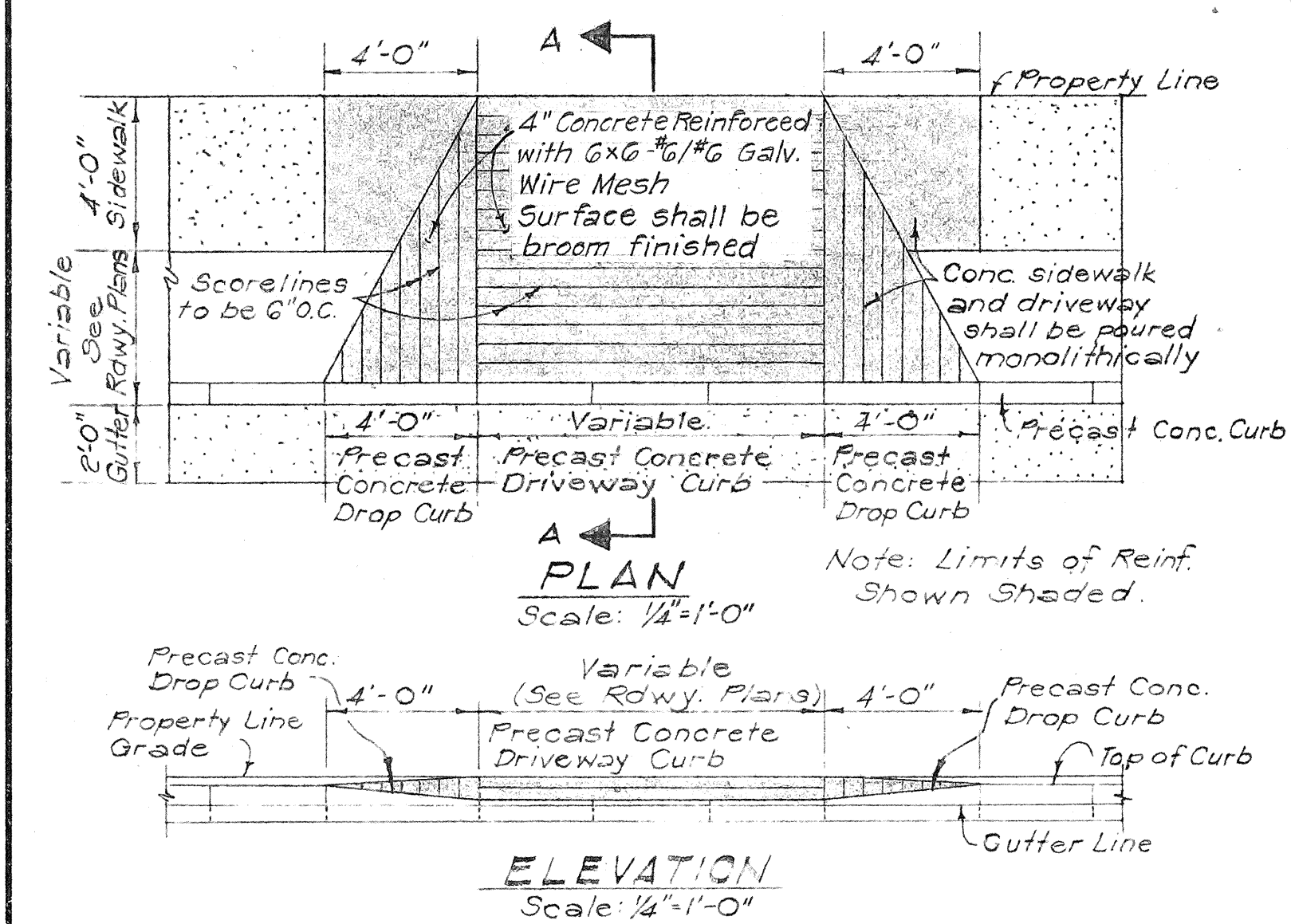
**MISCELLANEOUS
ROADWAY DETAILS**

INTERSTATE ROUTE H-1
PROJ. NO. I-HI-1(64)-12
UNIT 1

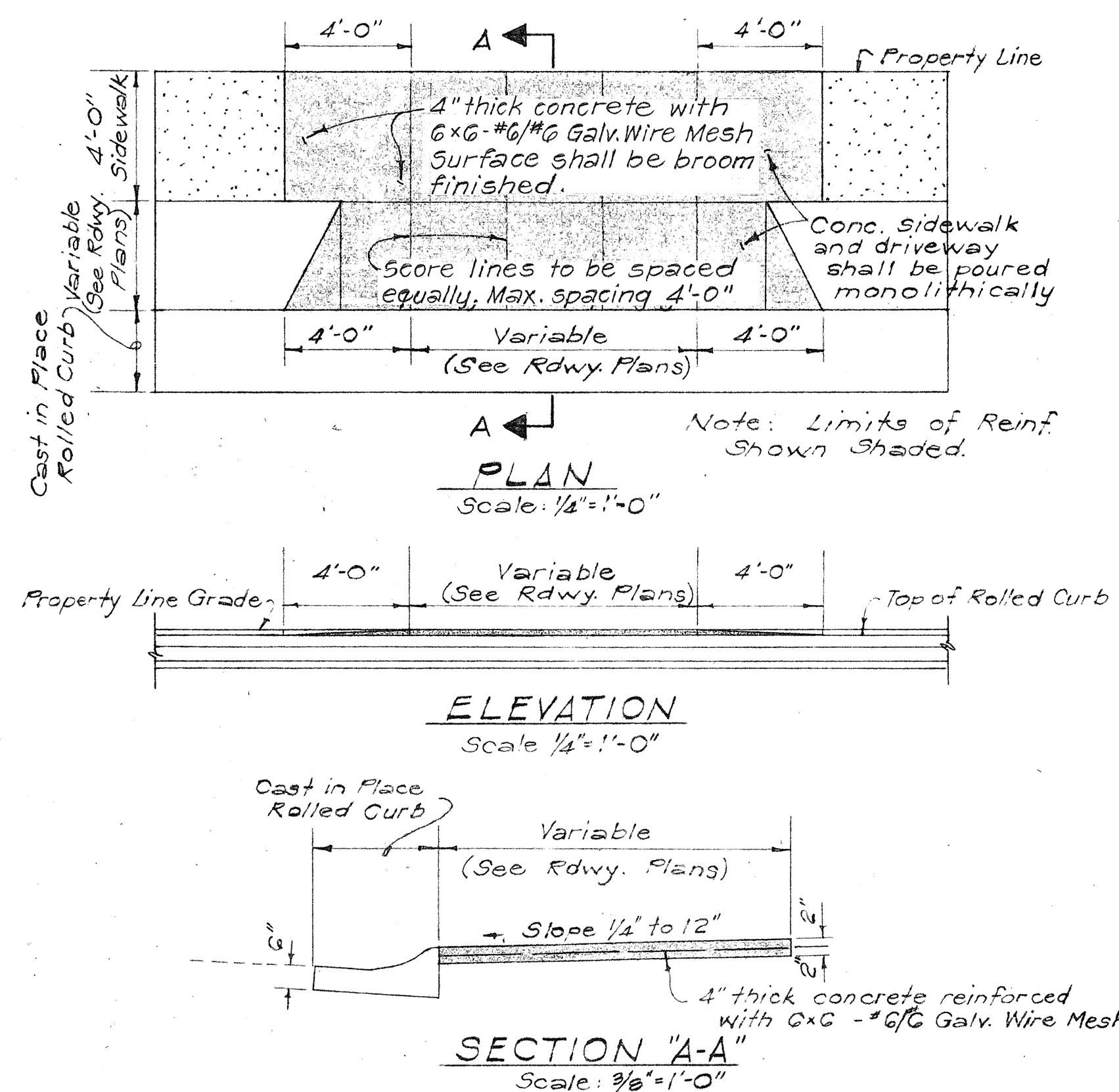
Scale: As Shown Date: 3/10/68

SHEET No. 4 OF 9 SHEETS

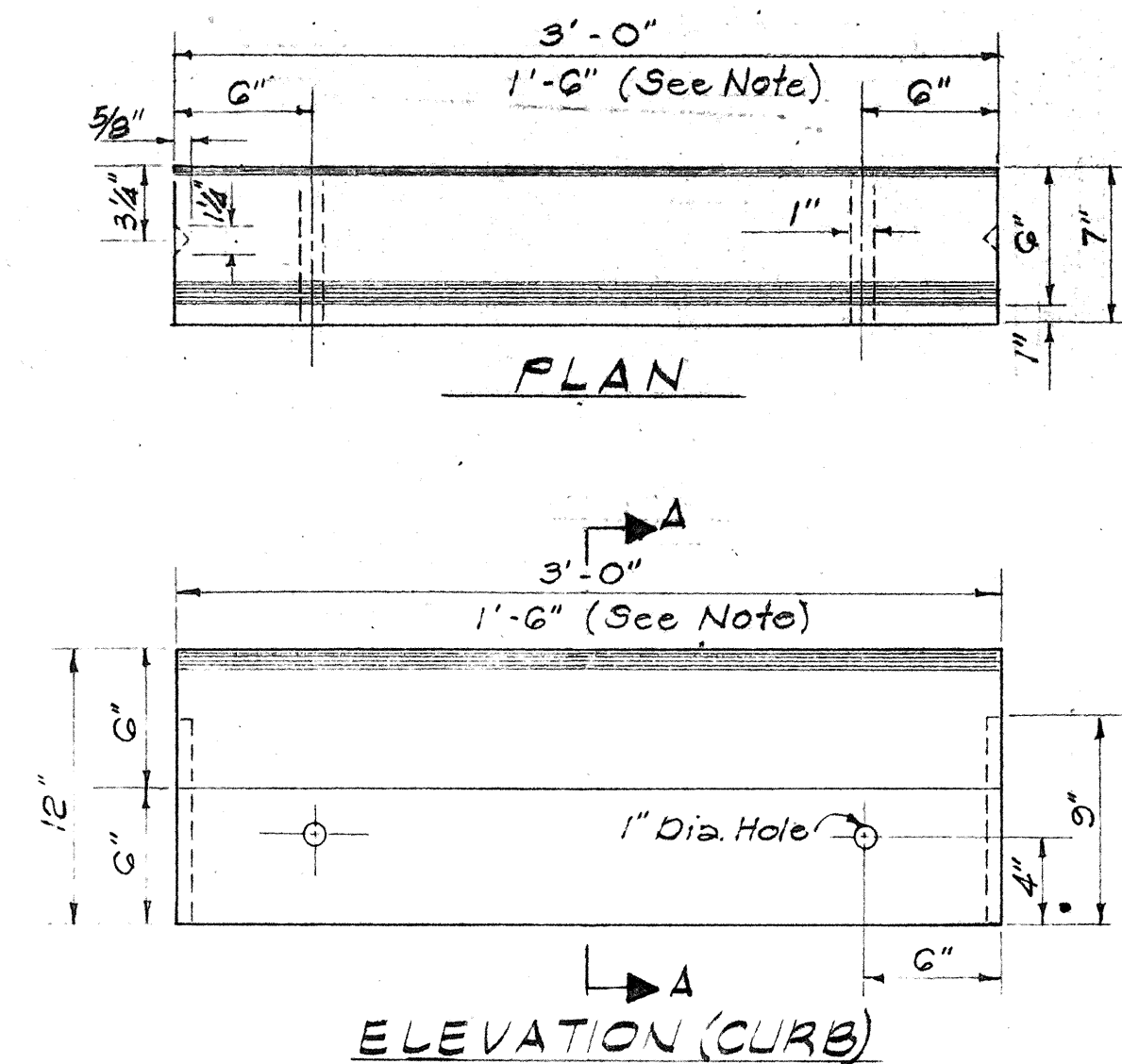
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	TH-64-12 Unit 1	1965	41	158



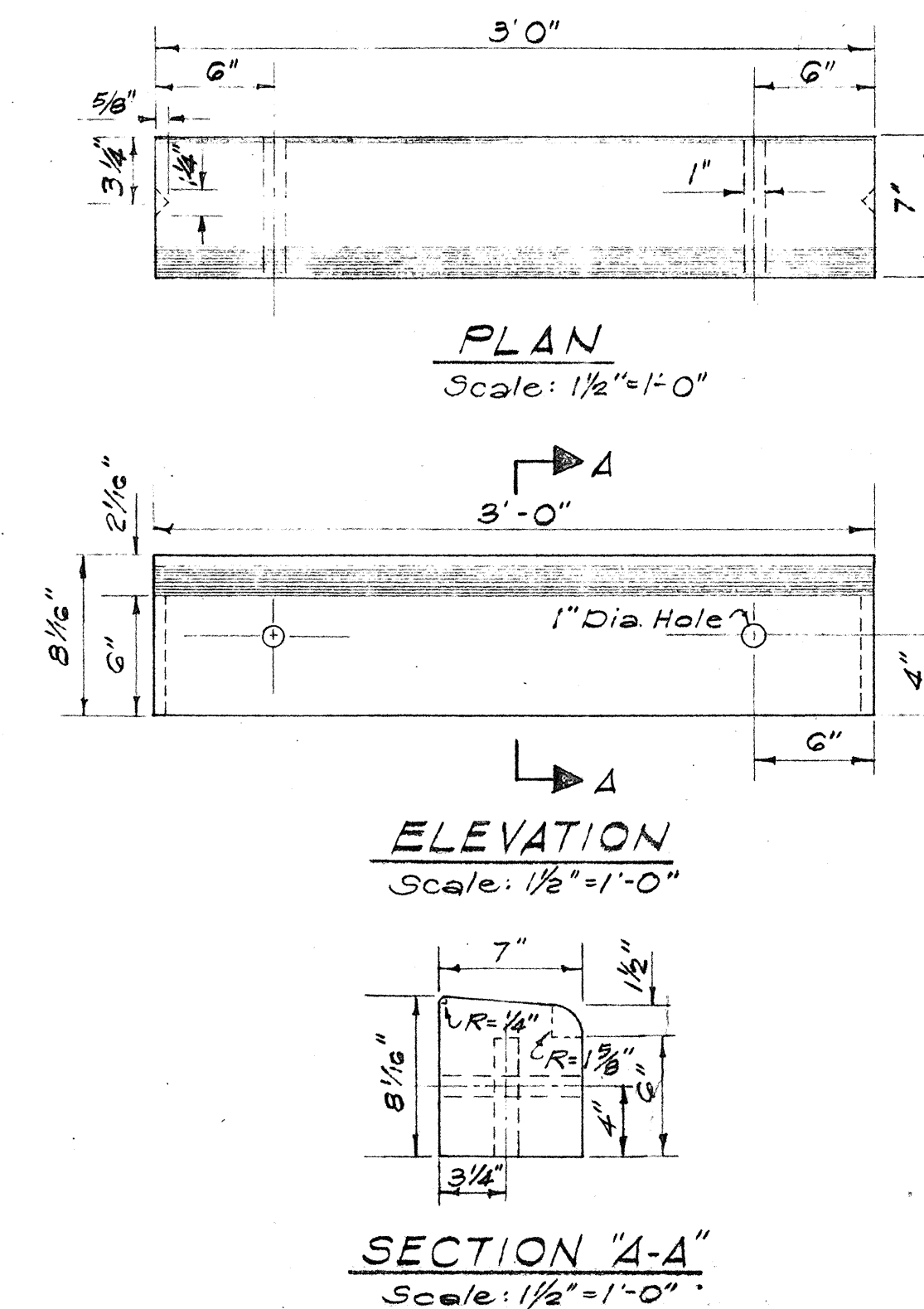
REINFORCED CONCRETE DRIVEWAY
WITH PRECAST CONCRETE CURB



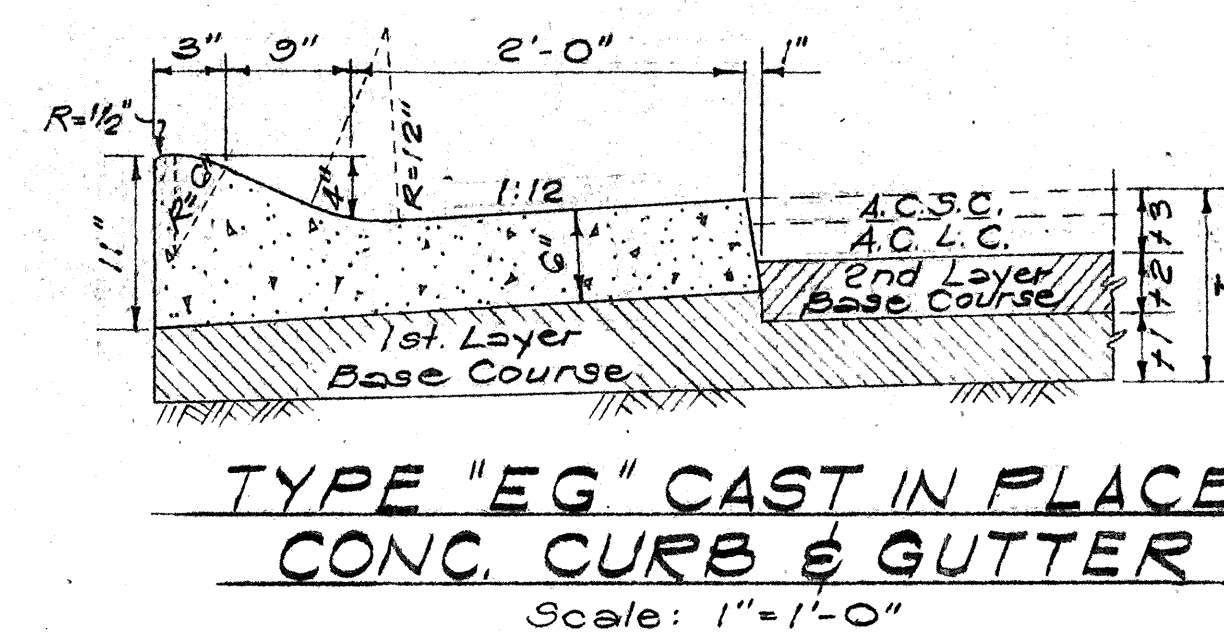
REINFORCED CONCRETE DRIVEWAY
WITH CAST IN PLACE ROLLED CURB



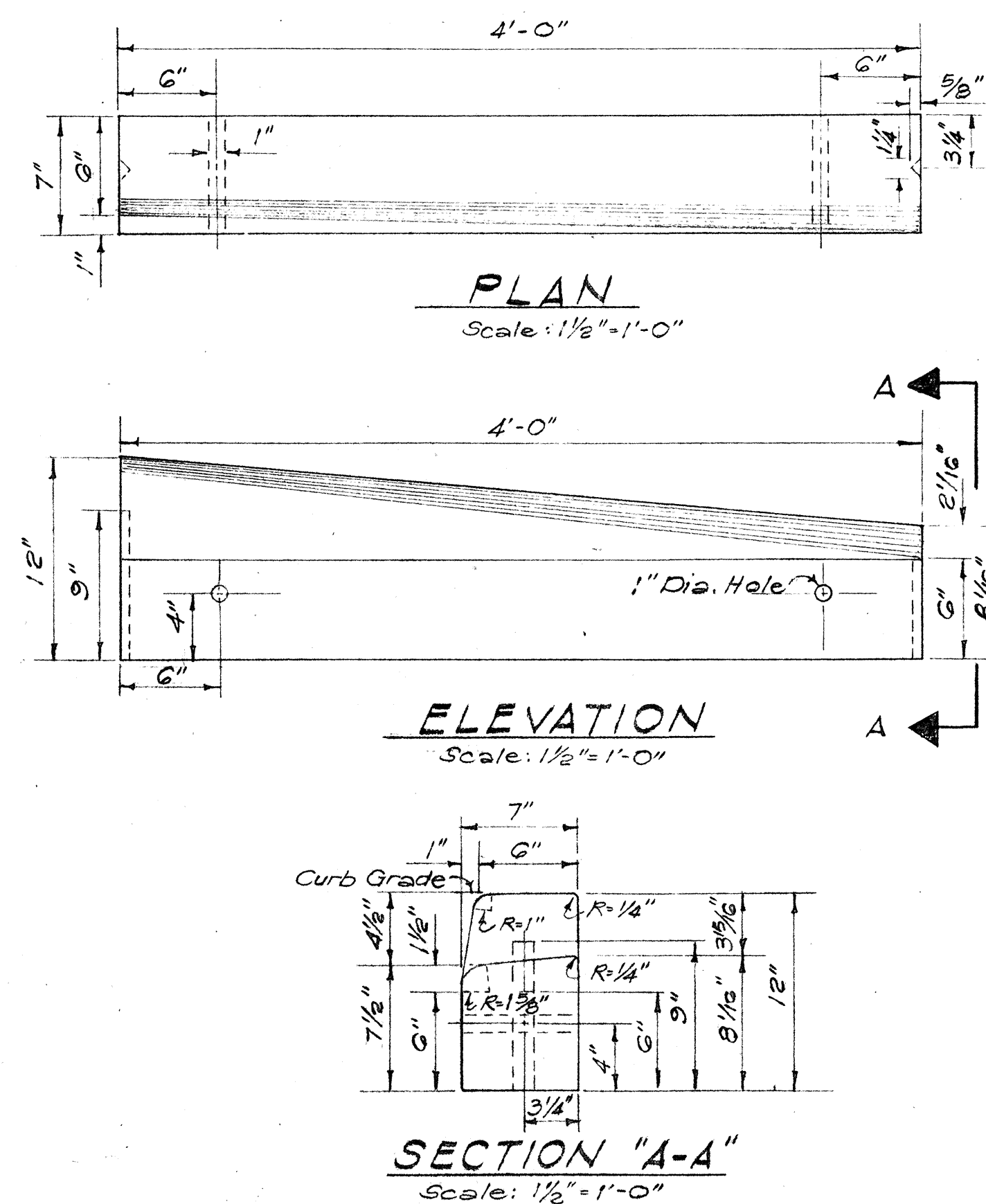
PRECAST CONCRETE CURB &
CAST-IN-PLACE CURB



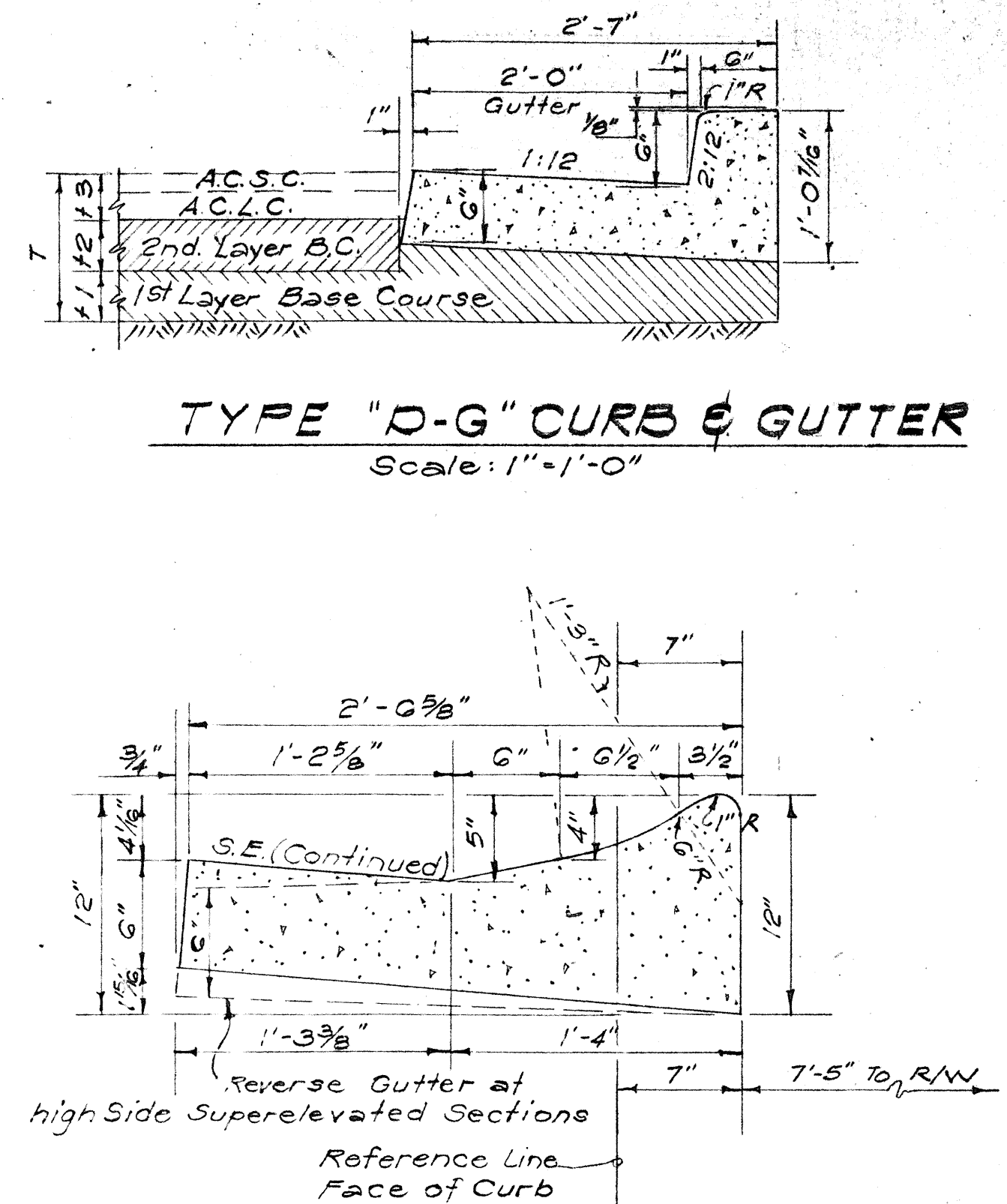
PRECAST CONCRETE
DRIVEWAY CURB



CAST IN PLACE TYPE "G" GUTTER
Scale: 1" = 1'-0"



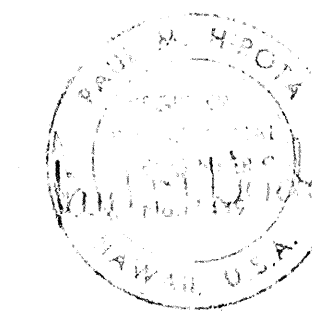
PRECAST CONC. DROP CURB BLOCK



CAST IN PLACE ROLLED
CURB @ KAAMILO ST.
Scale: 1/2"=1'-0"

NOTES:

1. Types DG, EG, and Rolled Curbs to be poured monolithically.
2. All Concrete Curbs and Gutters shown herein are to be of Class "A-1" Concrete.
3. Precast Concrete Curbs and Cast in Place Concrete Gutters shall be measured and paid for as "Precast Concrete Curb and Gutter."
4. Precast Concrete Drop and Driveway Curbs and the Gutters within the limits of the Drop and Driveway Curbs shall be measured and paid for as "Precast Concrete Curb and Gutter."



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**STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION**

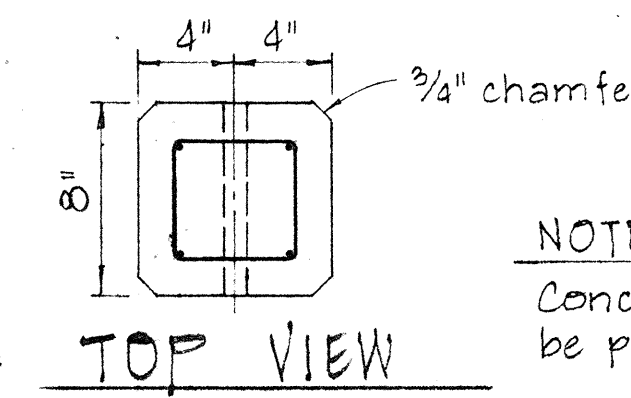
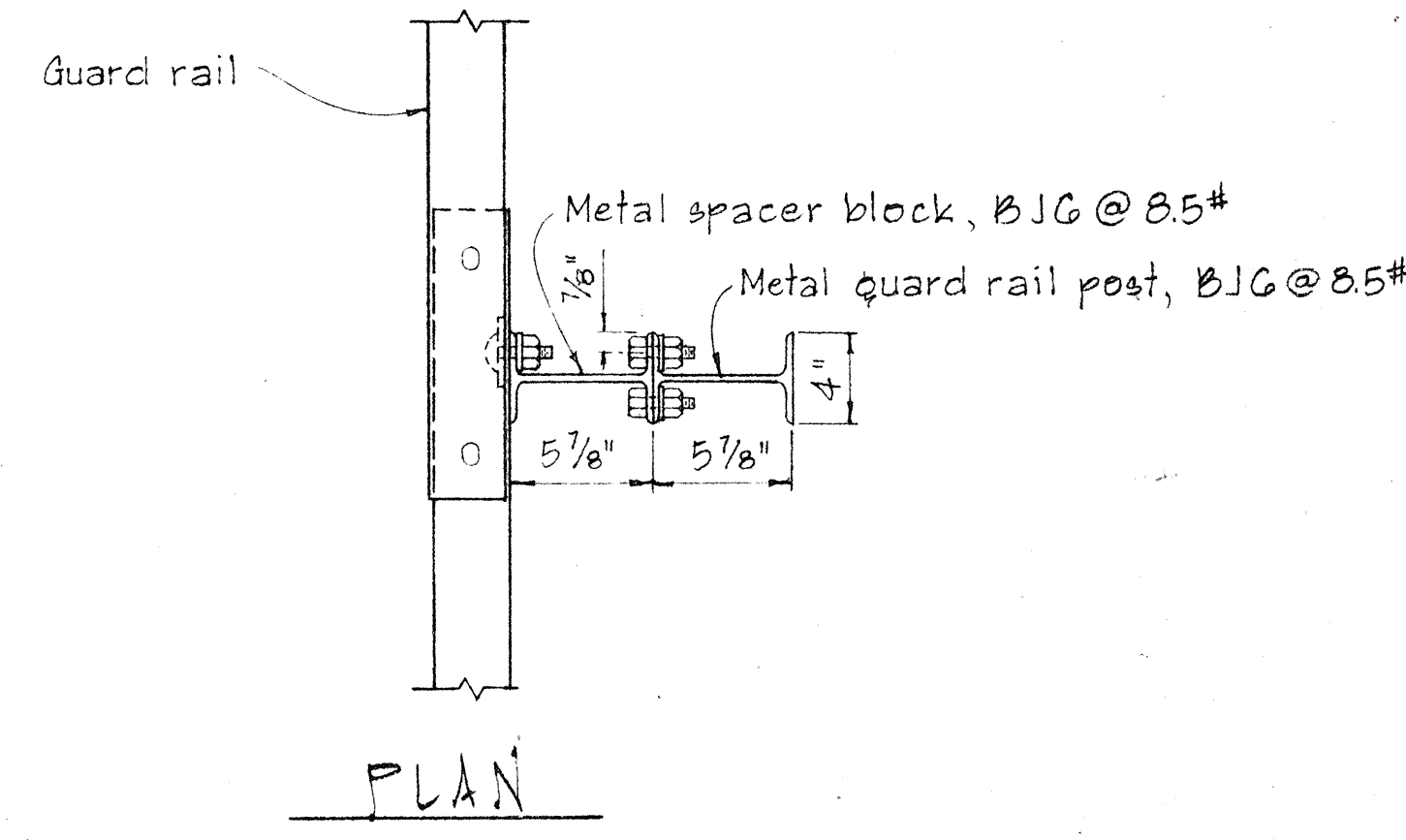
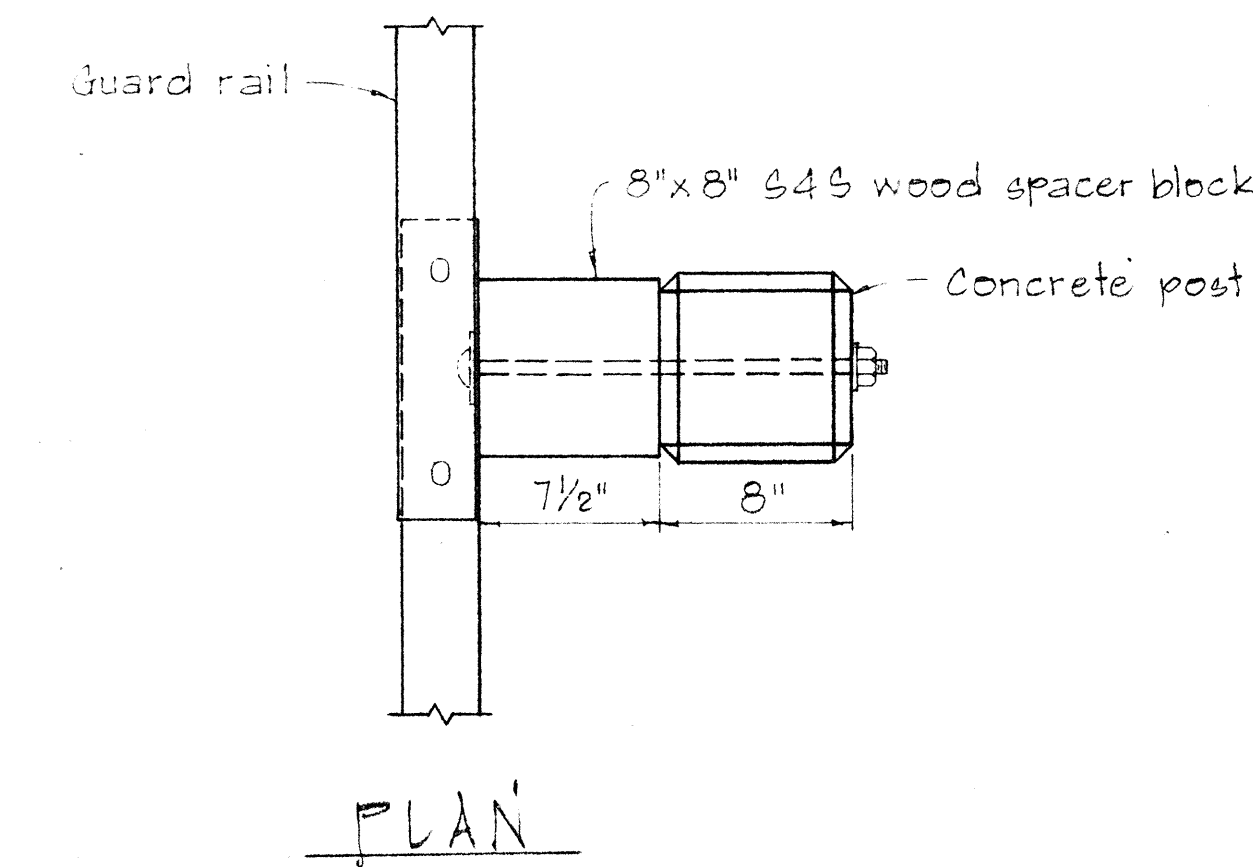
MISCELLANEOUS ROADWAY DETAILS

INTERSTATE ROUTE 4-1
PROJ. NO. I-41-1(64):12,
UNIT 1

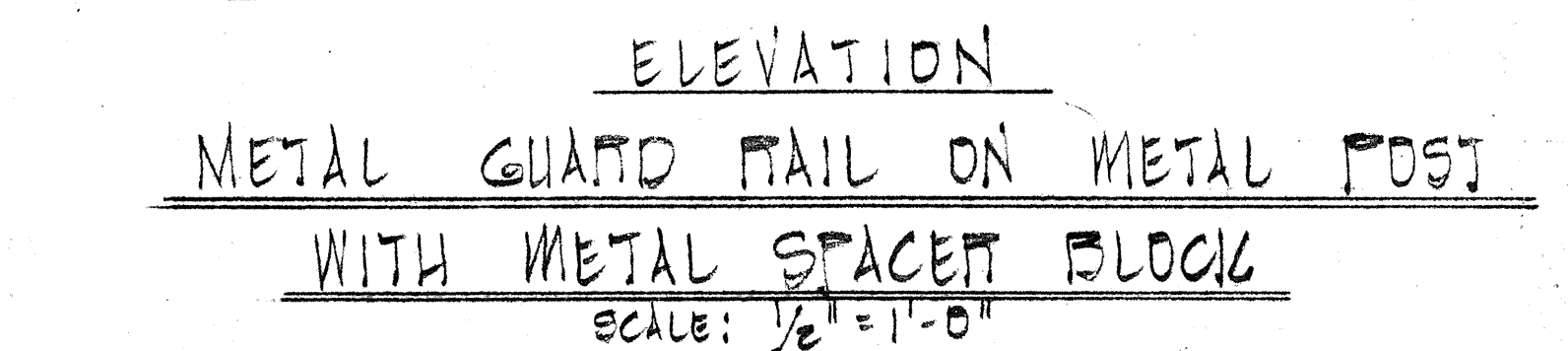
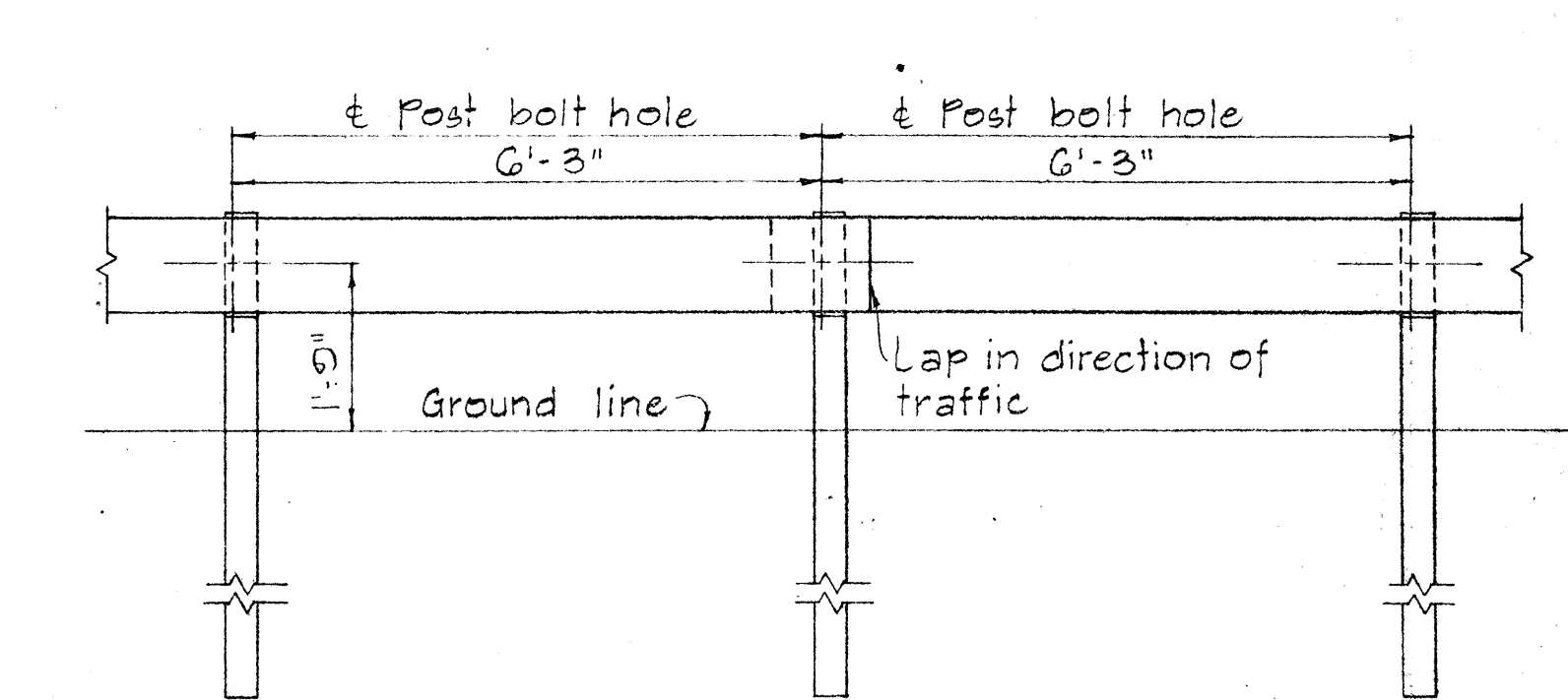
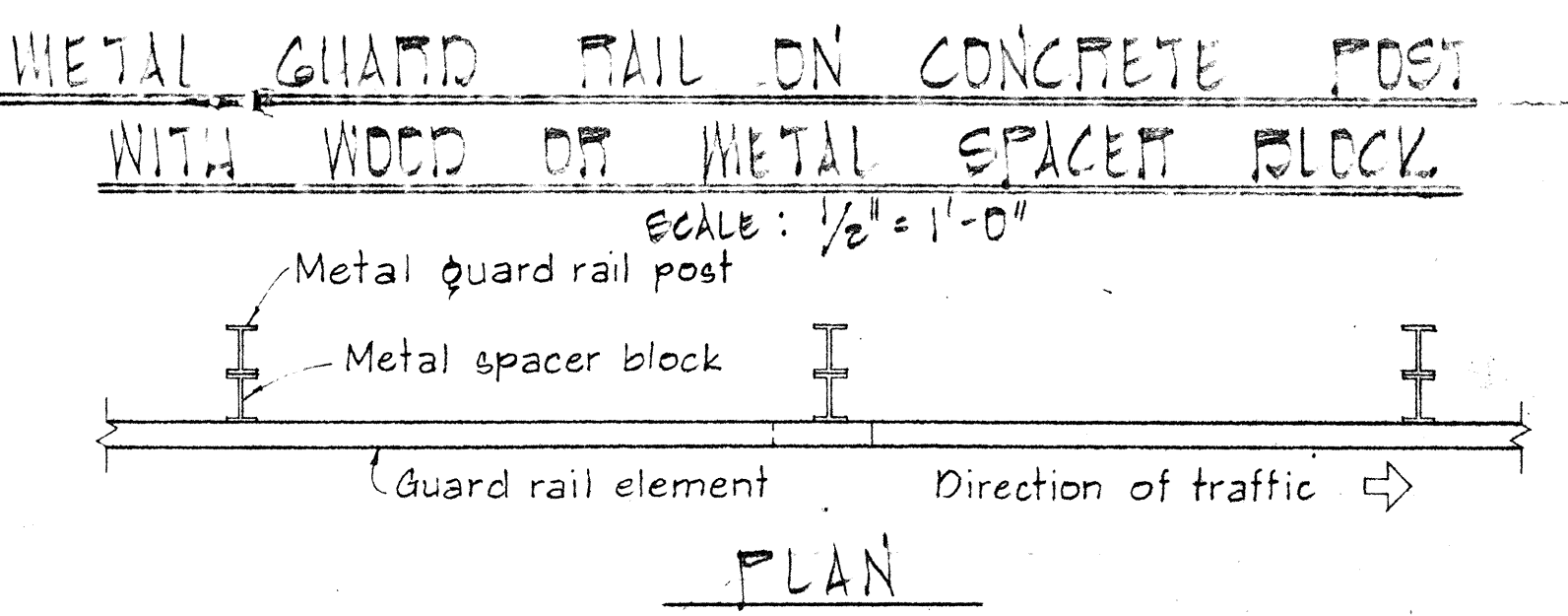
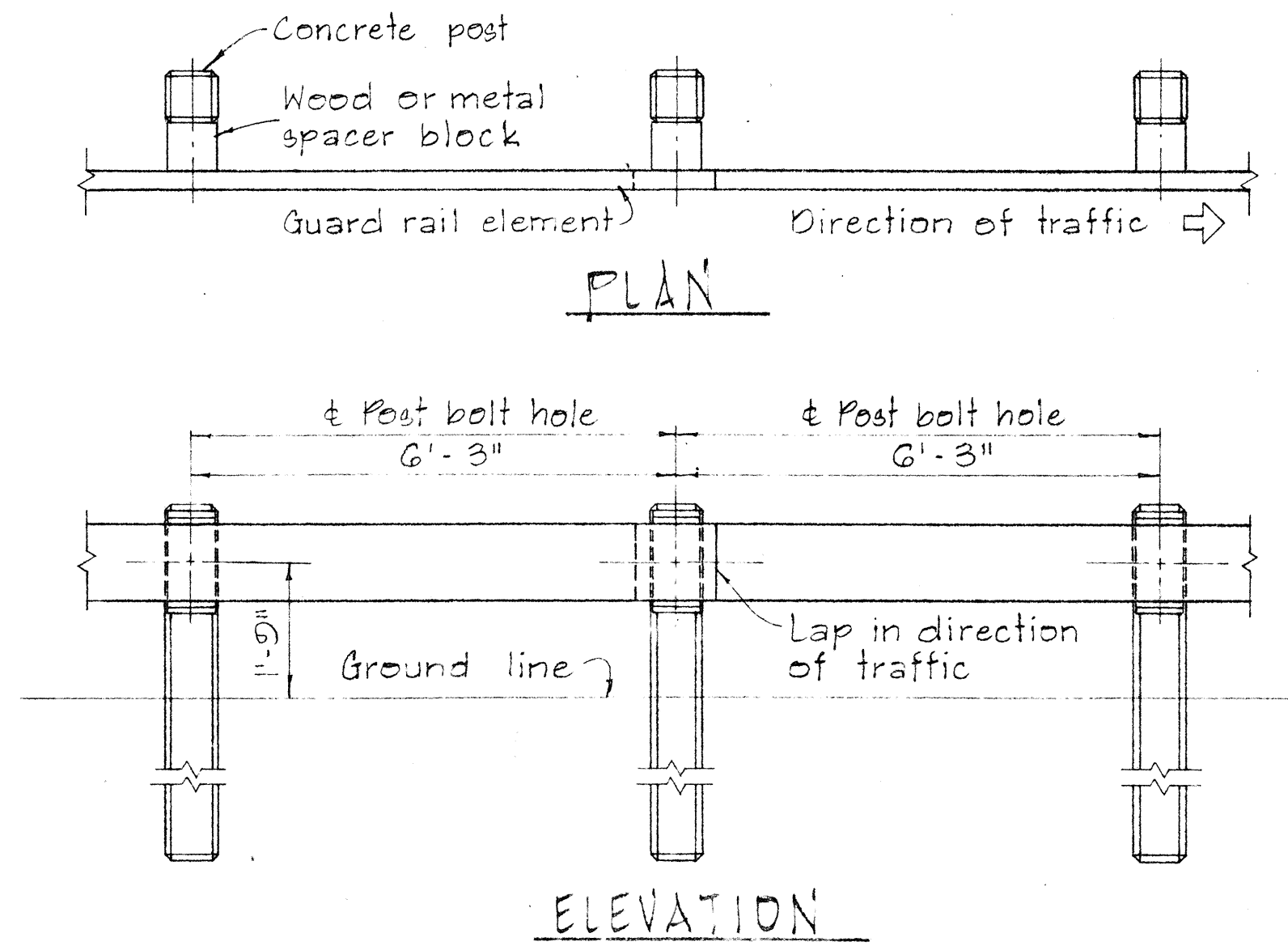
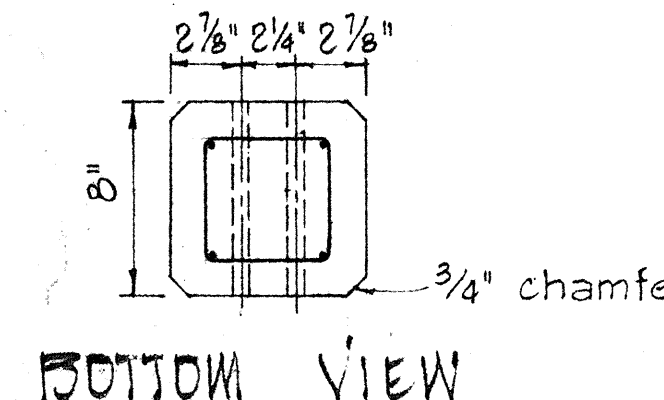
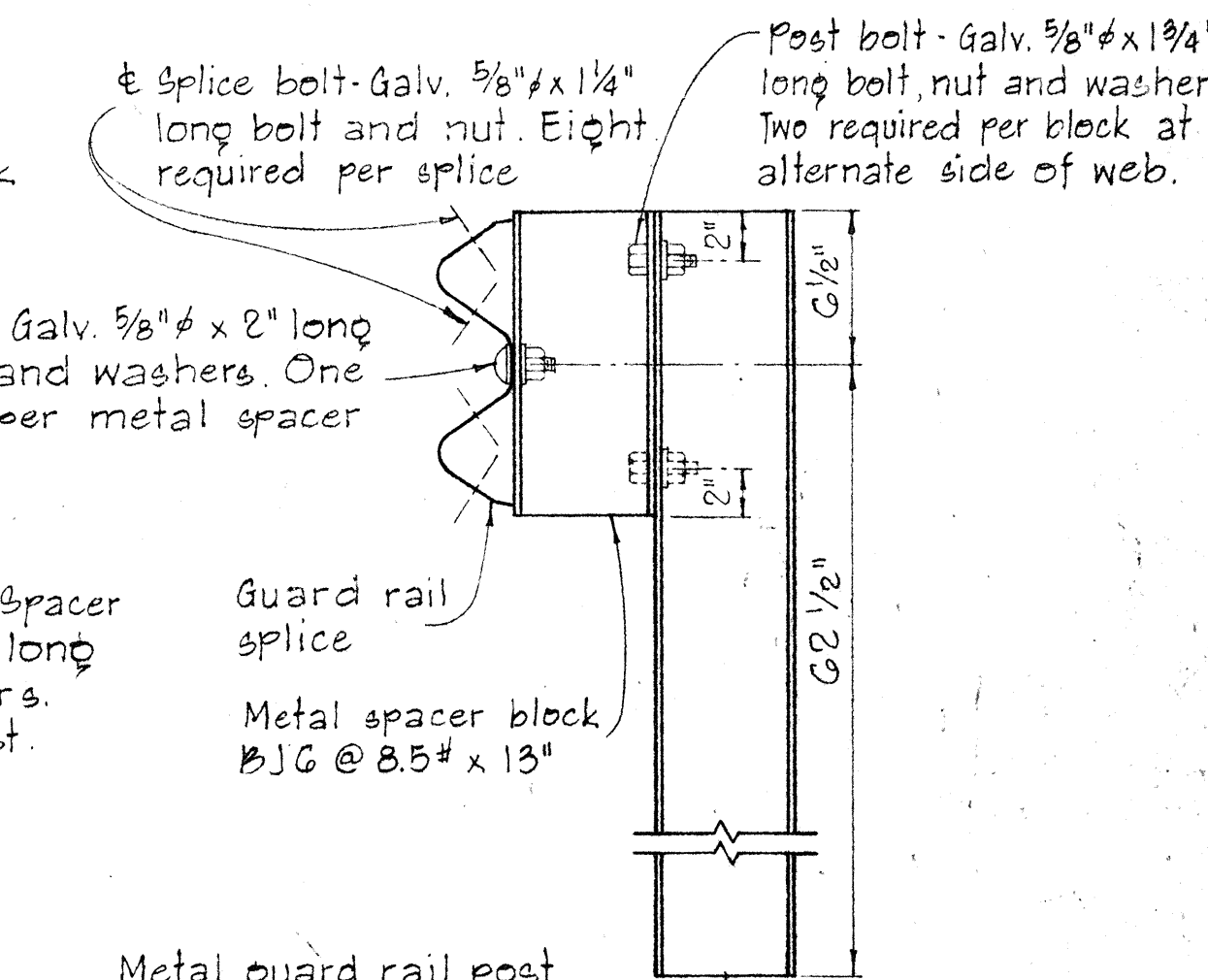
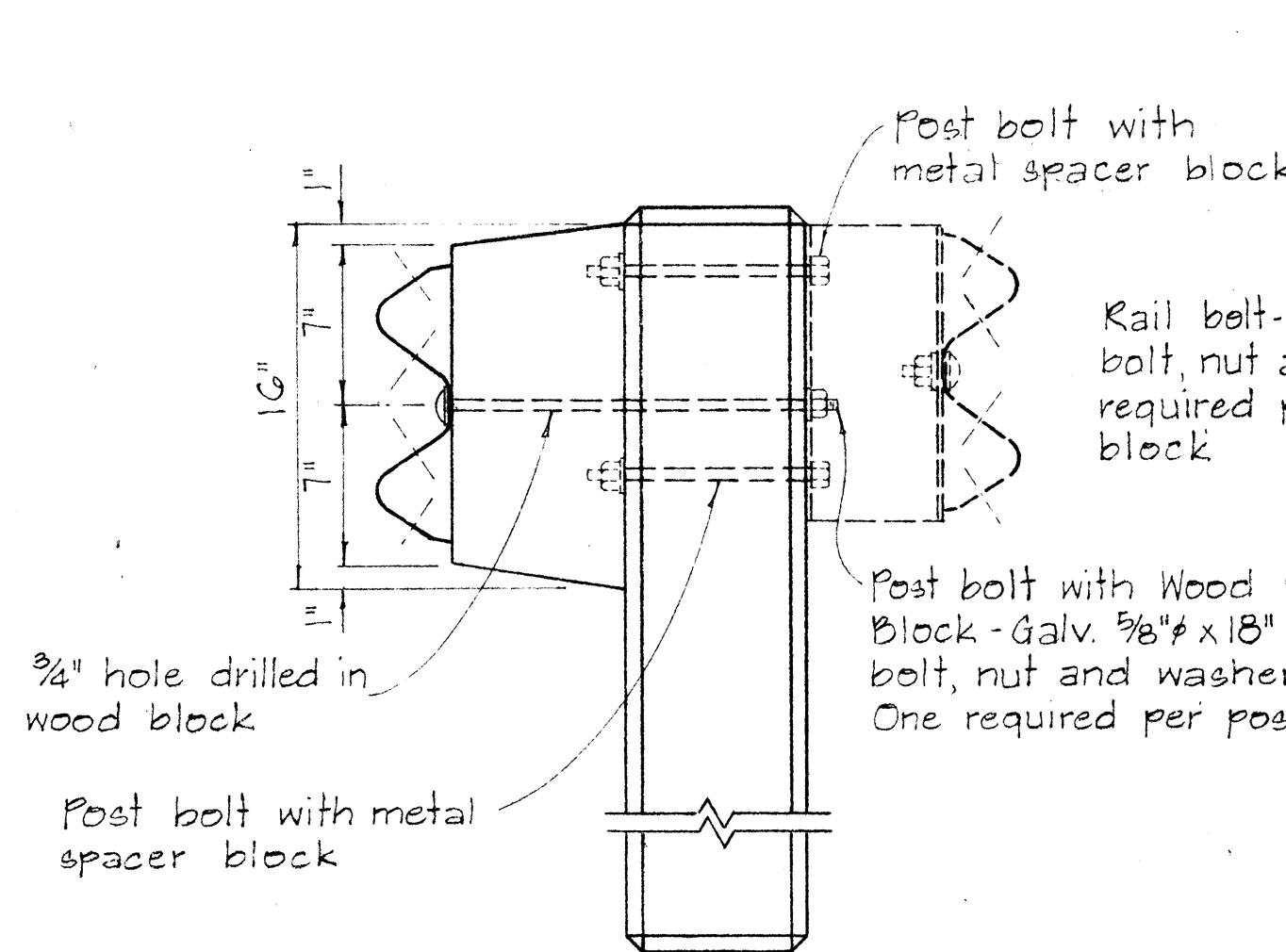
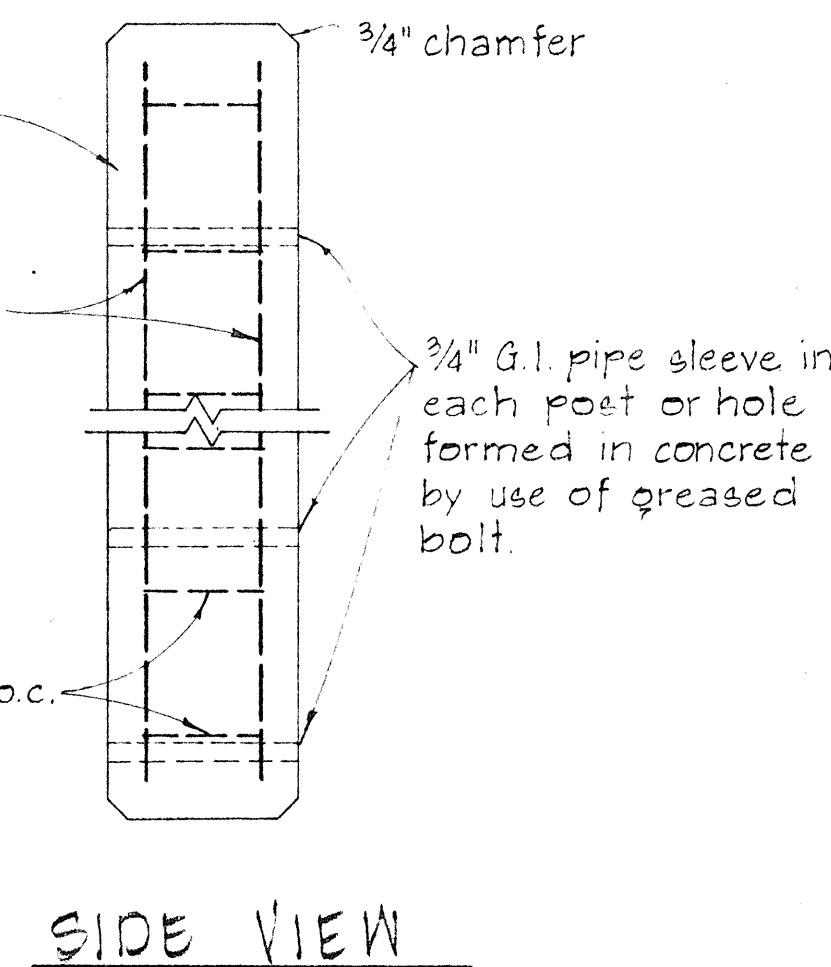
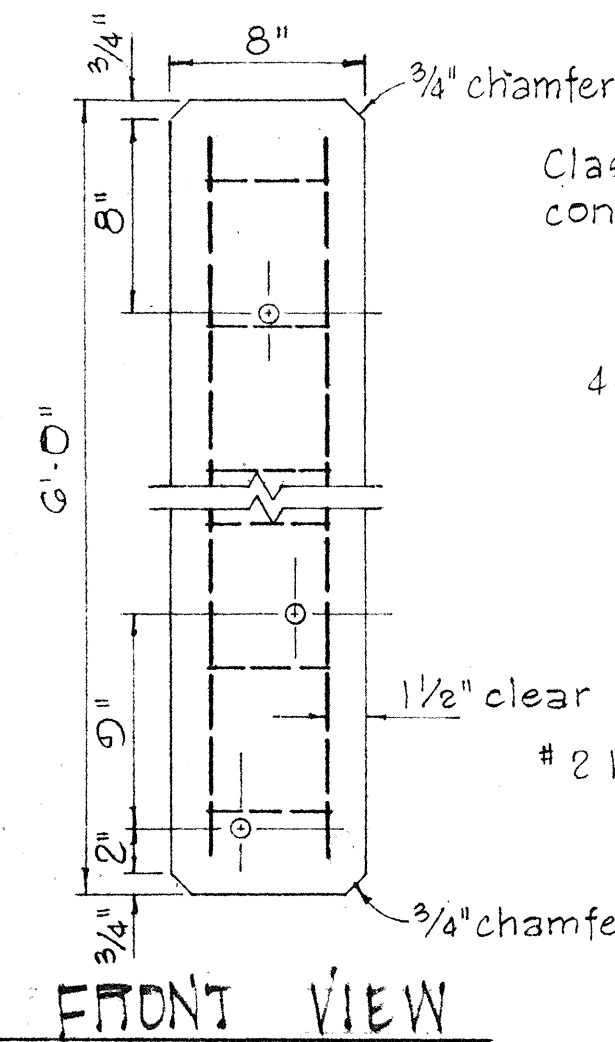
Scale: As Shown Date: 8/10/08
SHEET No. 5 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-HI-1(64)12 Unit 1 1-HI-1(10)11	1969	42	158

REVISED: 12-11-66
REVISED: 2-26-69

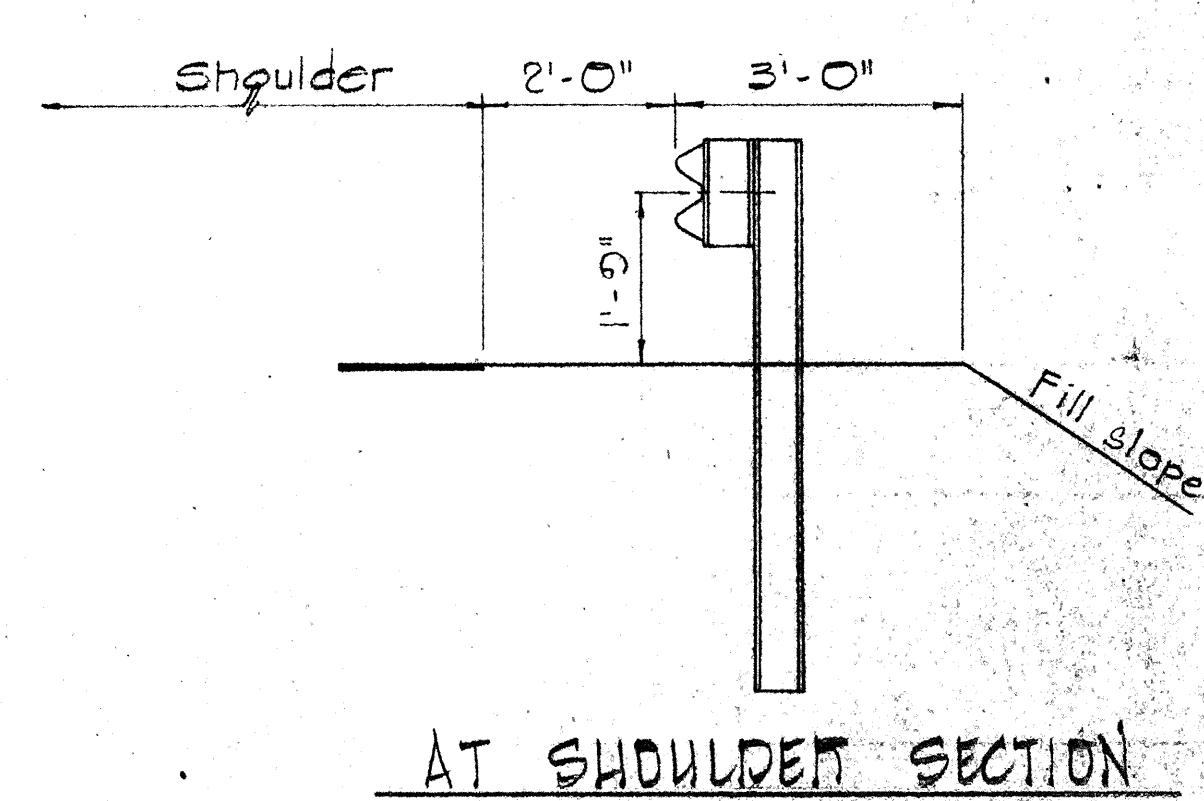
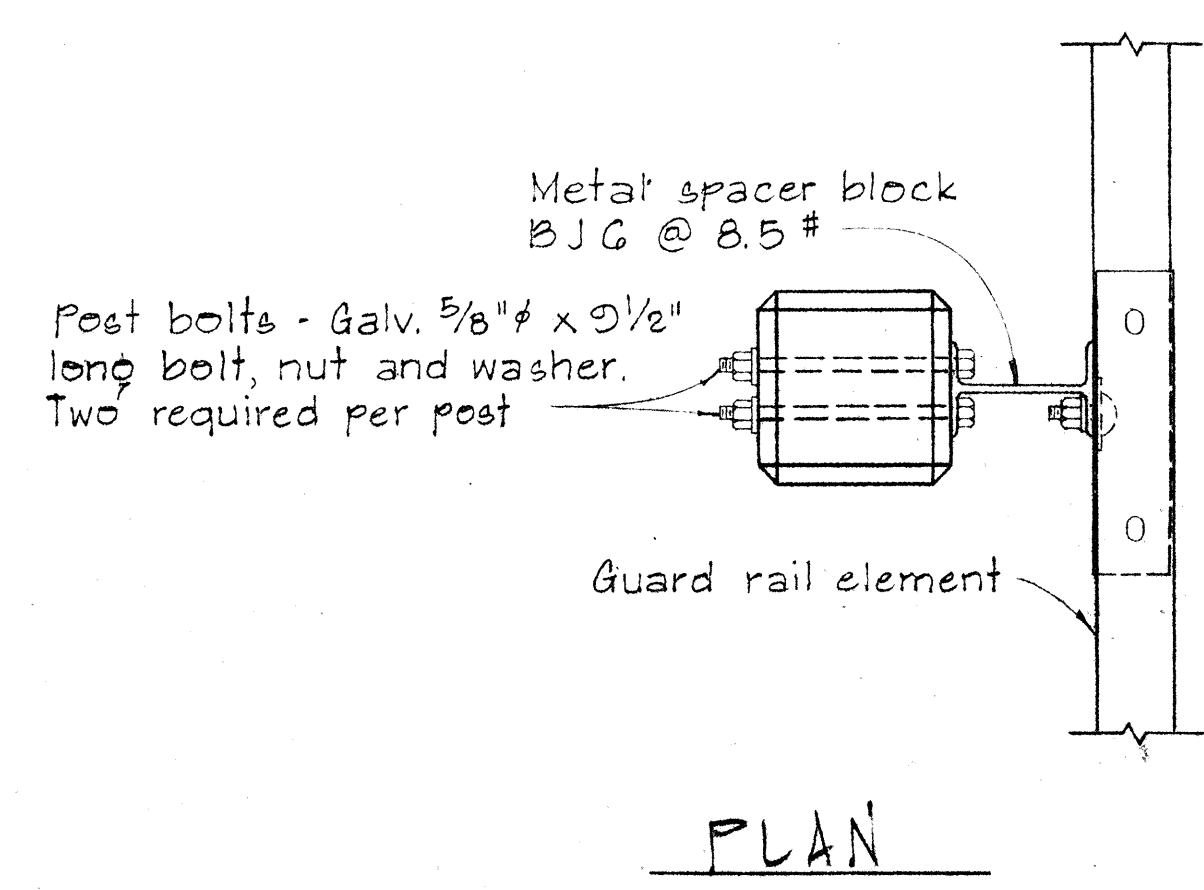


NOTE:
Concrete post shall be precast



SINGLE METAL GUARD RAIL ON METAL POST
WITH METAL SPACER BLOCK
SCALE: 1 1/2" = 1'-0"

DETAIL OF CONCRETE POST
SCALE: 1 1/2" = 1'-0"



SINGLE METAL GUARD RAIL ON PRECAST
CONCRETE POST WITH WOOD OR METAL SPACER BLOCK
SCALE: 1 1/2" = 1'-0"

TYPICAL METAL GUARD RAIL DETAIL
SCALE: 1/2" = 1'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
STANDARD DETAILS
METAL GUARD RAIL
SCALE: AS SHOWN
NOV. 1968
SHEET No. 6 OF 9 SHEETS DT 500

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(G4):12	1969	44	158
UNIT I					

CURVE DATA - FACE OF WALL

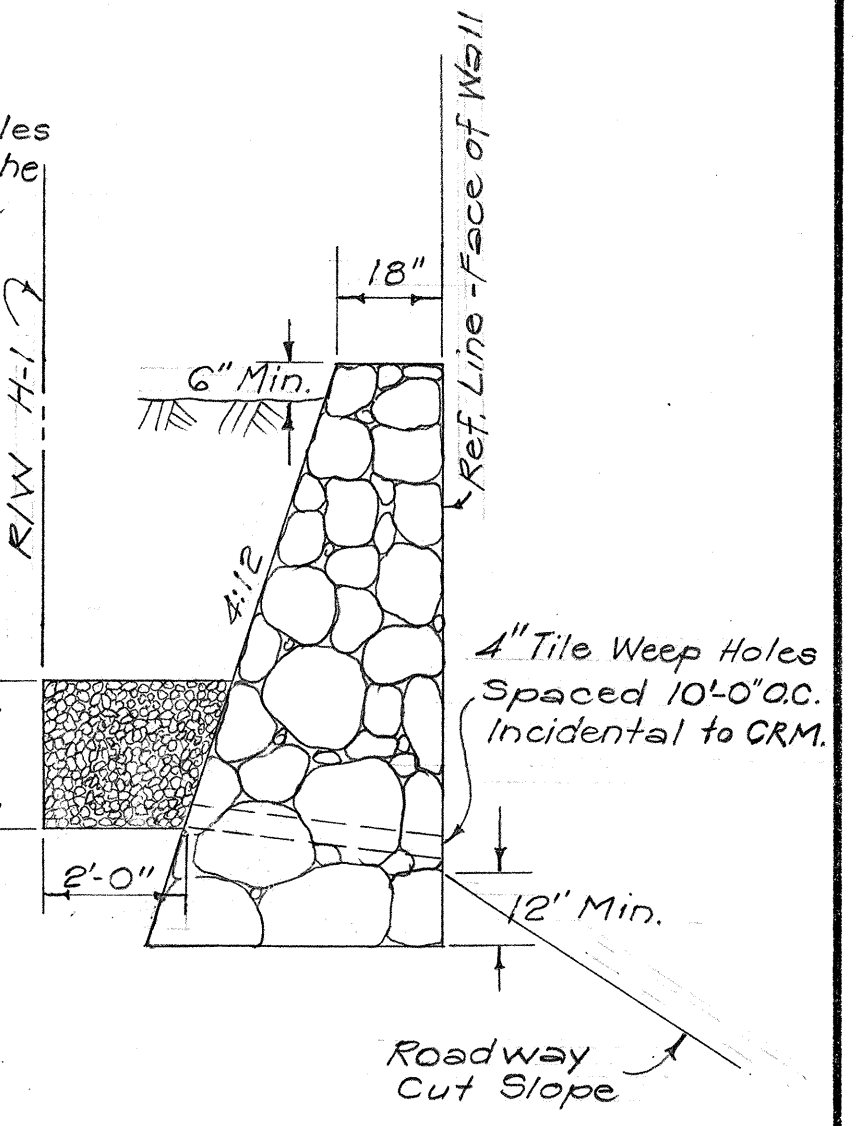
①	②	③
$\Delta = 10^{\circ}02'12.7''$	$\Delta = 91^{\circ}41'10''$	$\Delta = 00^{\circ}01'58''$
$\frac{1}{2}\Delta = 8^{\circ}01'06.35''$	$\frac{1}{2}\Delta = 45^{\circ}50'35''$	$\frac{1}{2}\Delta = 00^{\circ}00'59''$
$R = 79.11'$	$R = 50.00'$	$R = 460.00'$
$T = 11.14'$	$T = 51.48'$	$T = 0.13'$
$L = 22.14'$	$L = 80.02'$	$L = 2.63'$
$C = 22.07'$	$C = 71.75'$	$C = 2.63'$

ESTIMATED QUANTITIES

STRUCTURE EXC.	75 C.Y.
CRM	34 C.Y.

Note:
Elevation of Weep Holes to be determined by the Engineer. Holes shall be placed as close to the roadway finish grade as possible.

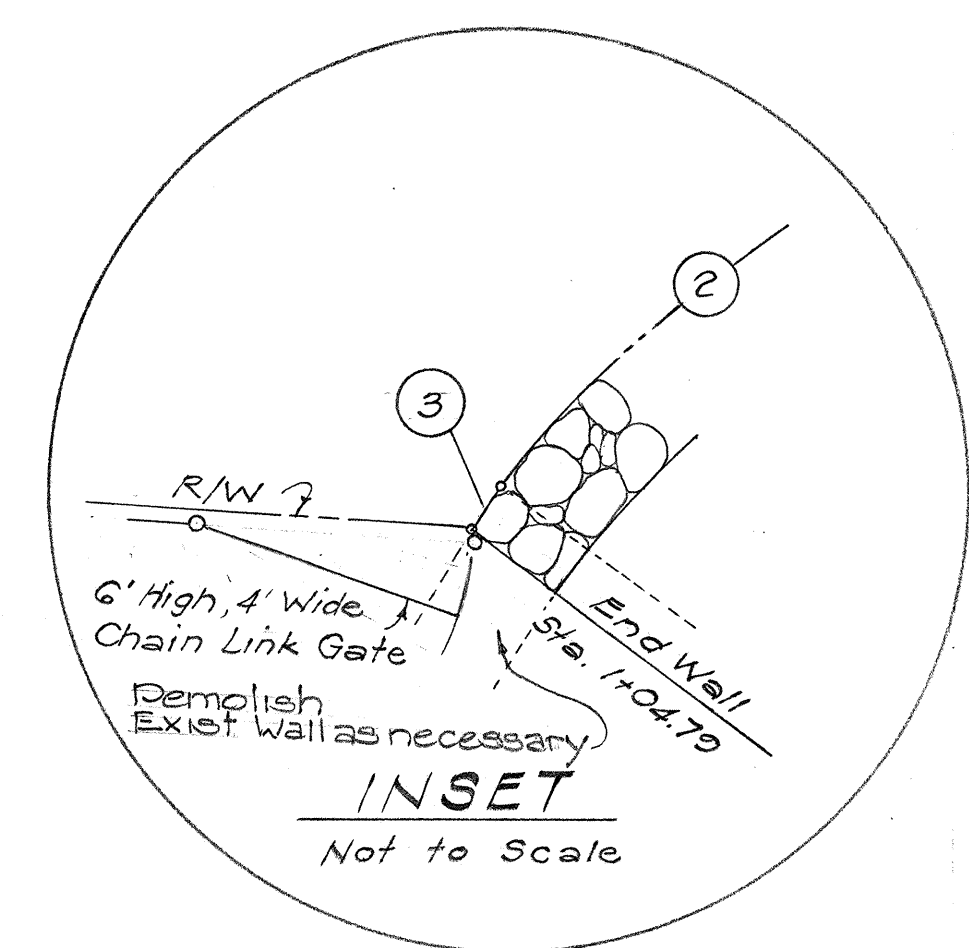
Filter Material to be Placed Continuous Throughout the Length of the Wall and shall be considered incidental to CRM.



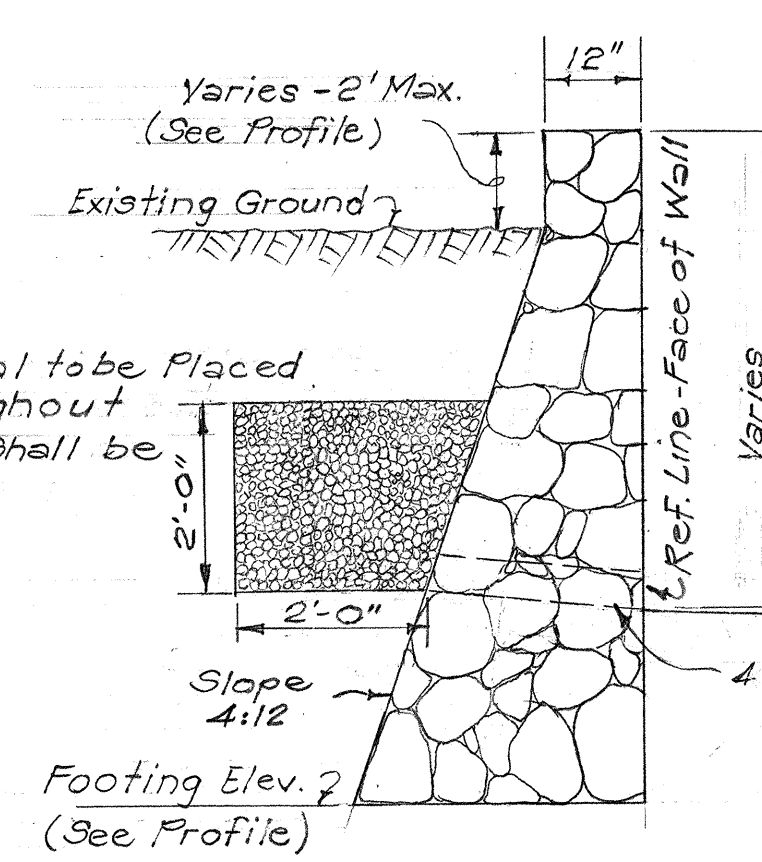
TYPICAL SECTION "C"
Scale: $\frac{3}{8}'' = 1'-0''$

ESTIMATED QUANTITIES

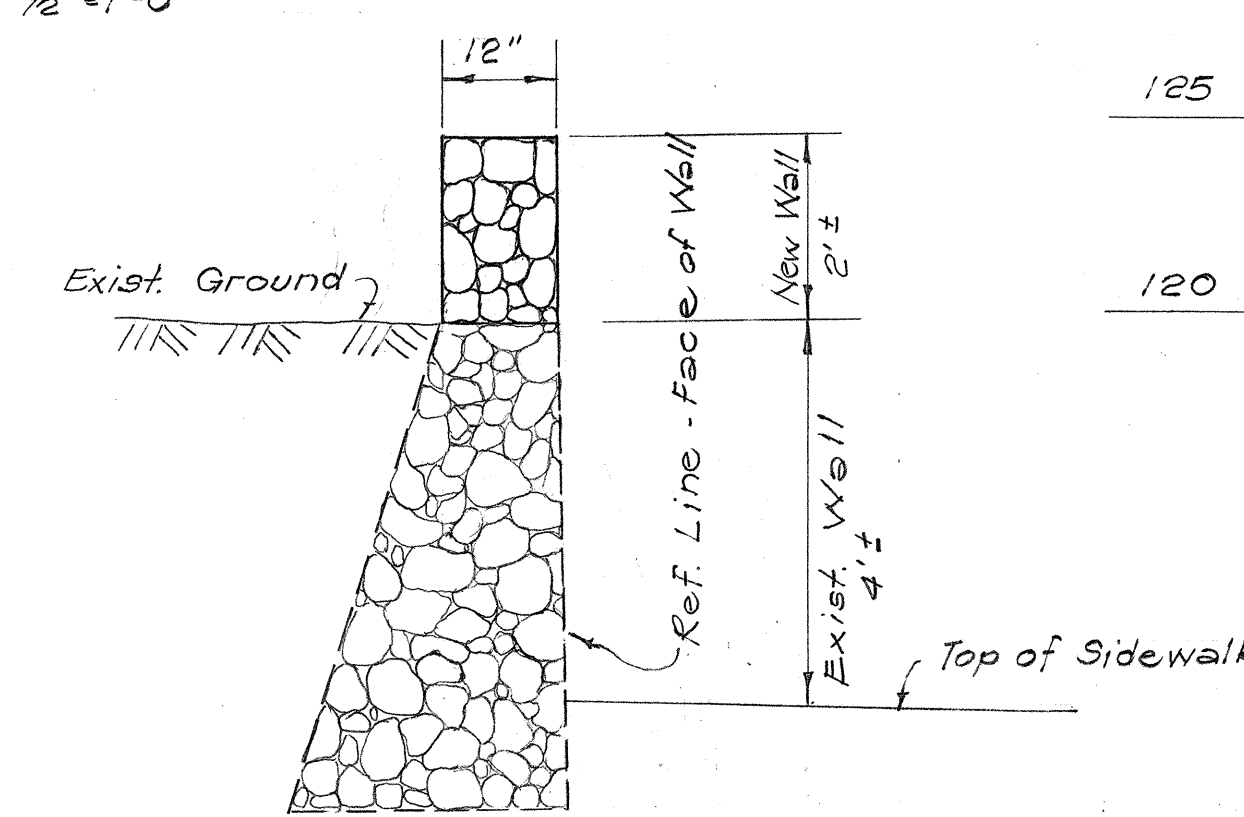
STRUCTURE EXC.	22 C.Y.
CRM	14 C.Y.



INSET
Not to Scale



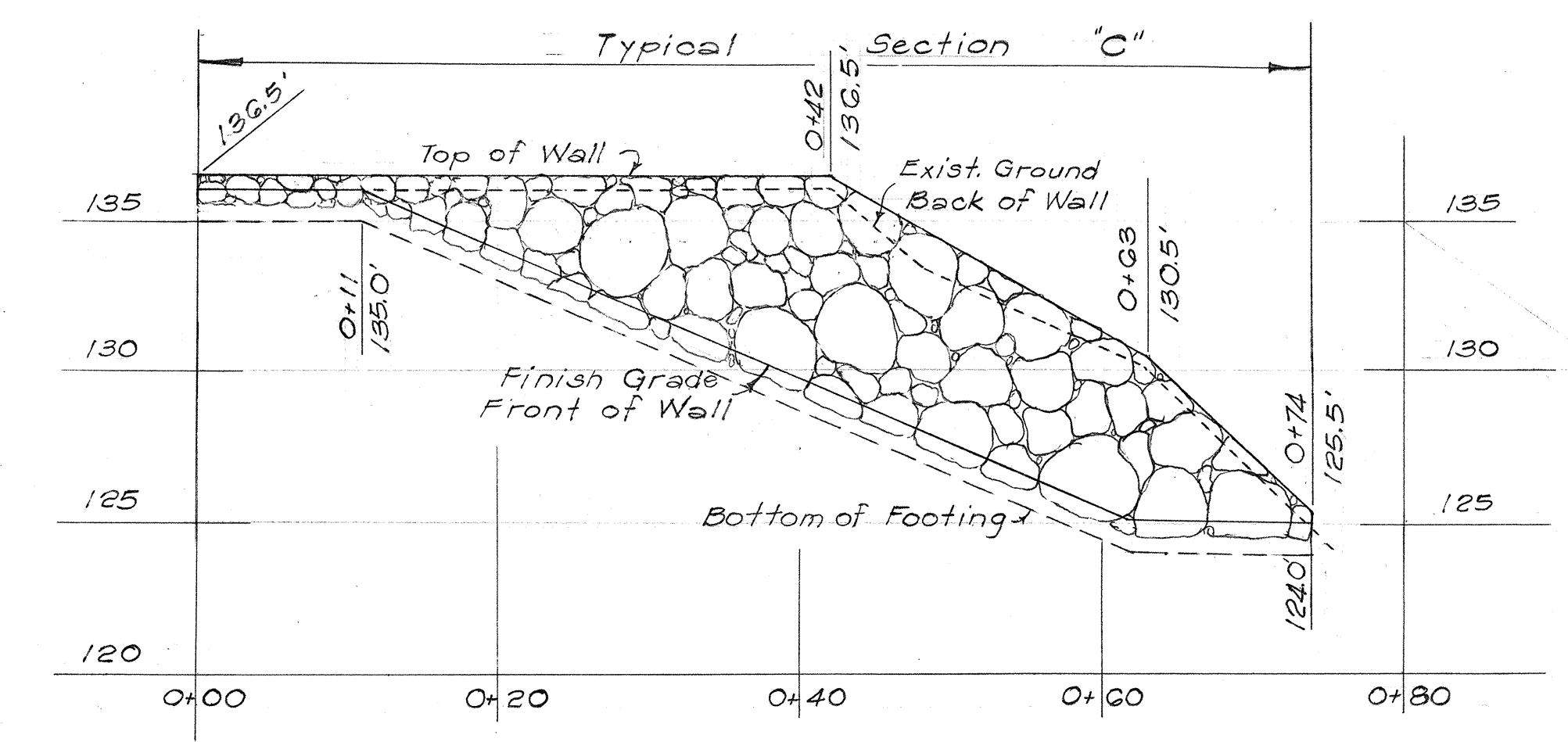
TYPICAL SECTION "A"
Scale: $\frac{1}{2}'' = 1'-0''$



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

PLAN - CRM WALL @ STA. 169+66

Scale: $1'' = 20'$

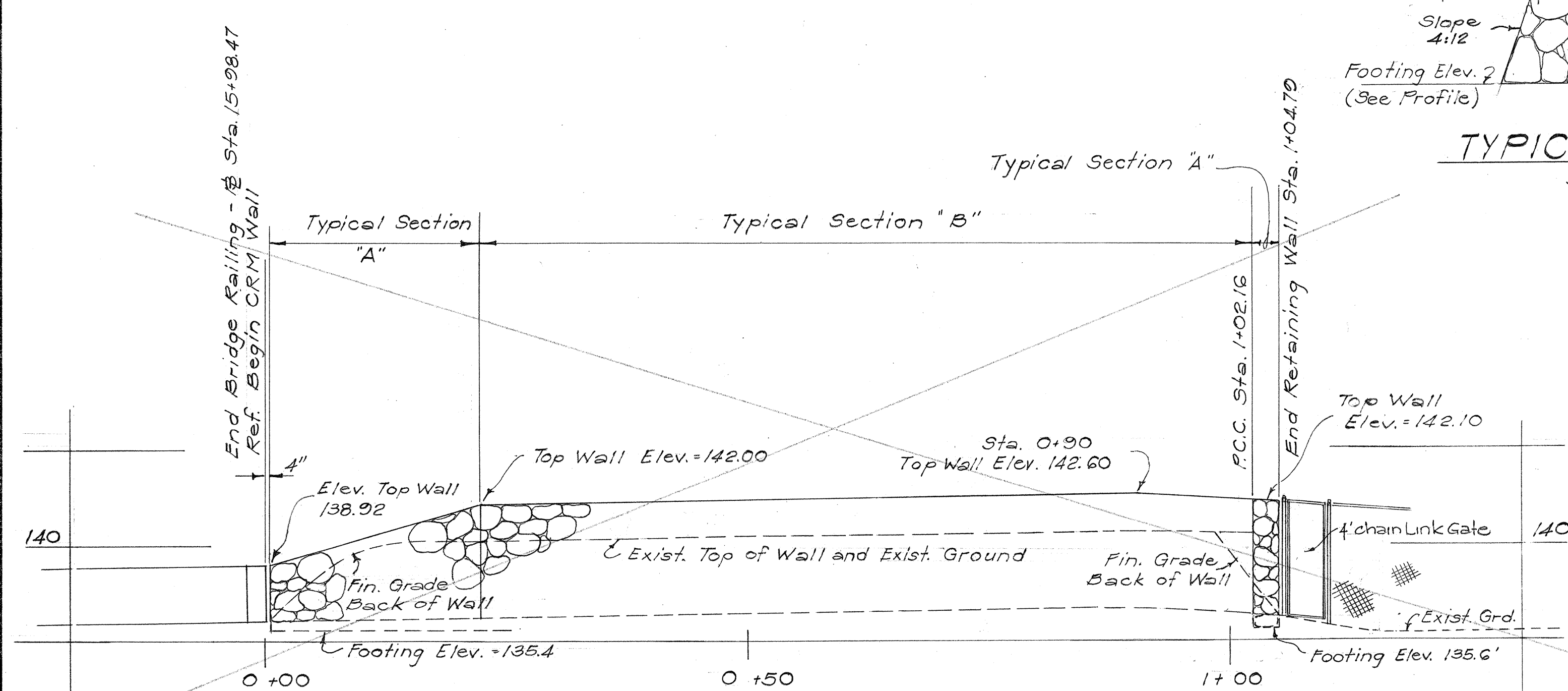


PROFILE - CRM WALL @ STA. 169+66

Scales: Horizontal $1'' = 10'$
Vertical $1'' = 5'$

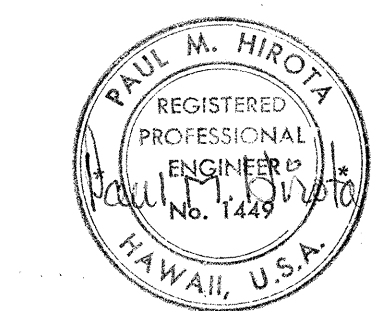
PLAN - CRM WALL @ STA. 171+50.26

Scale: $1'' = 20'$



PROFILE - CRM WALL @ STA. 171+50.26

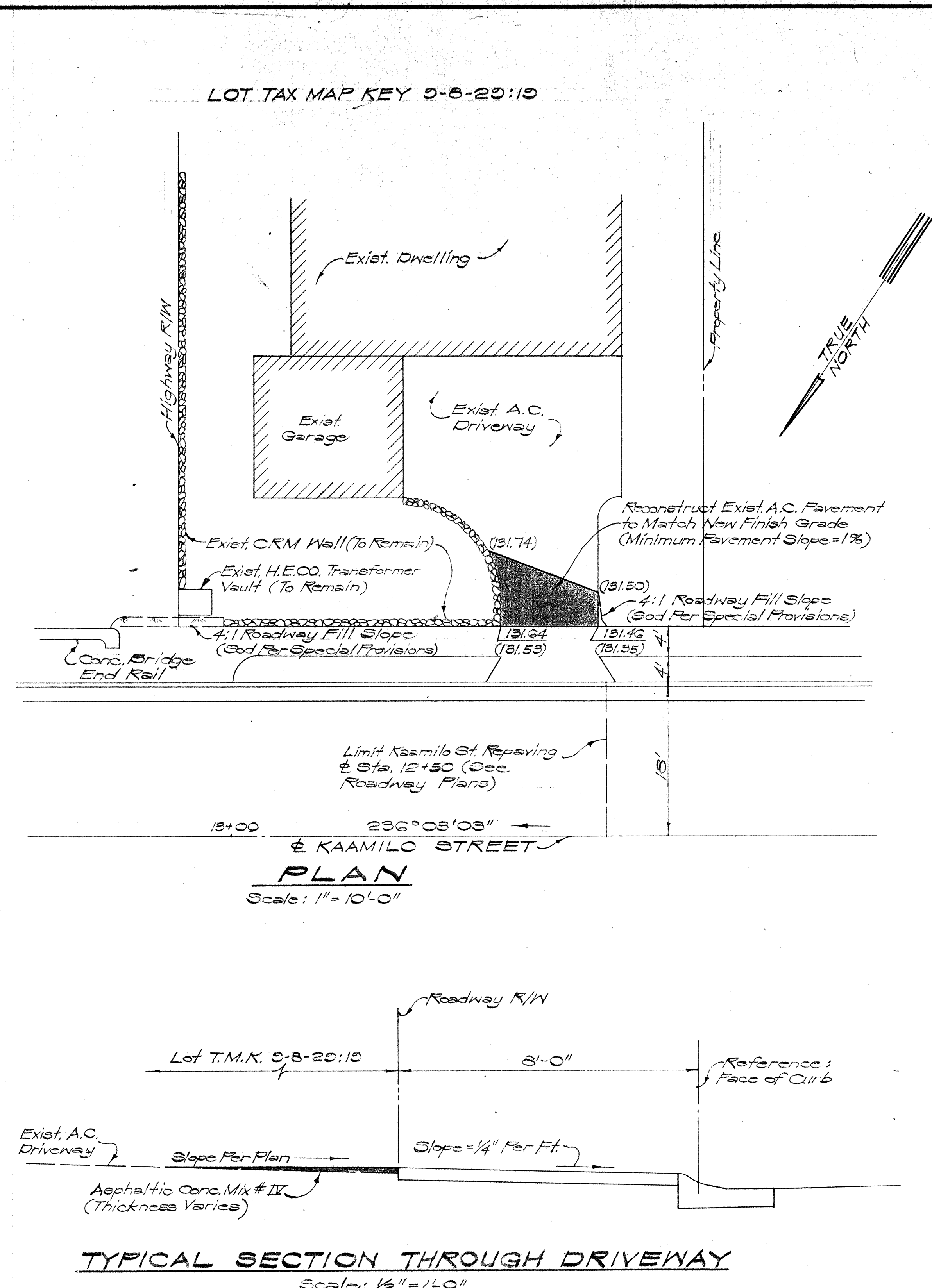
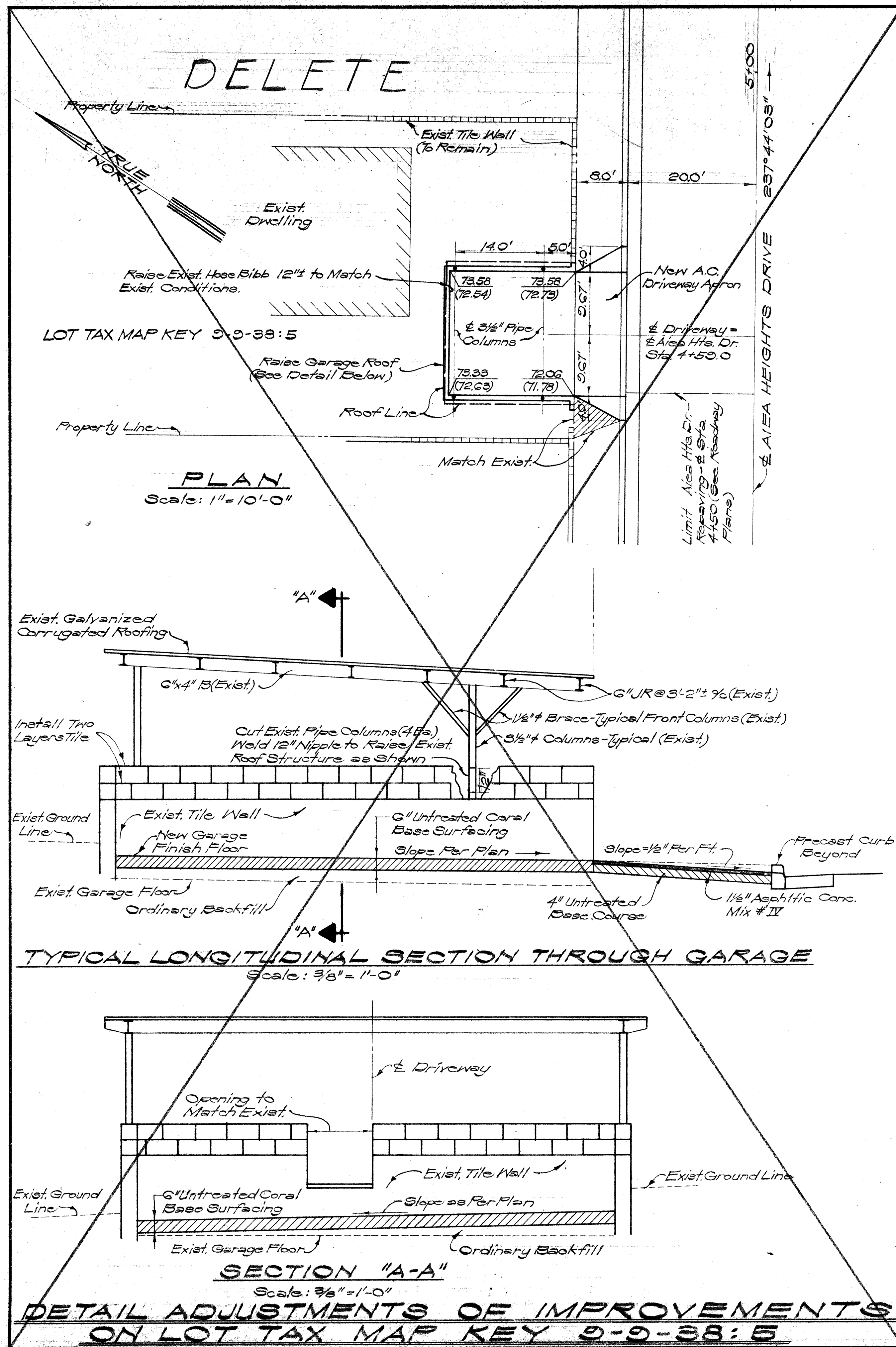
Scales: Horizontal $1'' = 10'$
Vertical $1'' = 5'$



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY DETAILS
CRM WALL @
STA. 169+66 & # STA. 171+50.26
INTERSTATE ROUTE H-1
PROJ. NO. I-HI-1(G4):12
UNIT I
Scale: As Shown Date: 8/19/68
SHEET NO. 8 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(16):11	1969	45	158



DETAIL ADJUSTMENTS OF IMPROVEMENTS ON LOT TAX MAP KEY 9-8-20:10



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISC. ROADWAY DETAIL

INTERSTATE ROUTE H-1
PROJ. NO. I-HI-1(16):11

Scale: As Shown Date: 3/10/68

SHEET No. 9 OF 9 SHEETS