

Sta. 628+50 Lt. to Sta. 631+17 Lt.
Construct: Conc. Lined Shoulder Ditch
(For detail see sht. no. 4)

ESTIMATED QUANTITIES

Ditch & Channel Exc. 14 c.y.
Cl. "B-1" Conc. or Shotcrete 13.5 c.y.

RAMP K-2 STA. 0+60±
Construct Type "C" C.D.I.
(For detail see sht. no. 27)

Install 24" CGMP, 12 Ga. or
24" RCCP, Cl. III or
24" ACCP, Cl. III

ESTIMATED QUANTITIES

Structure Exc. = 266 C.Y.
Cl. "A-1" Conc. = 3 C.Y.
24" Pipe Culvert = 194 L.F.

NOTE:
Pipe Culvert Headwall and Conc. Lined
Cut-off Ditches up to Sta. 627+62
to be constructed with FAI Project
No. I-H3-1(7):13.

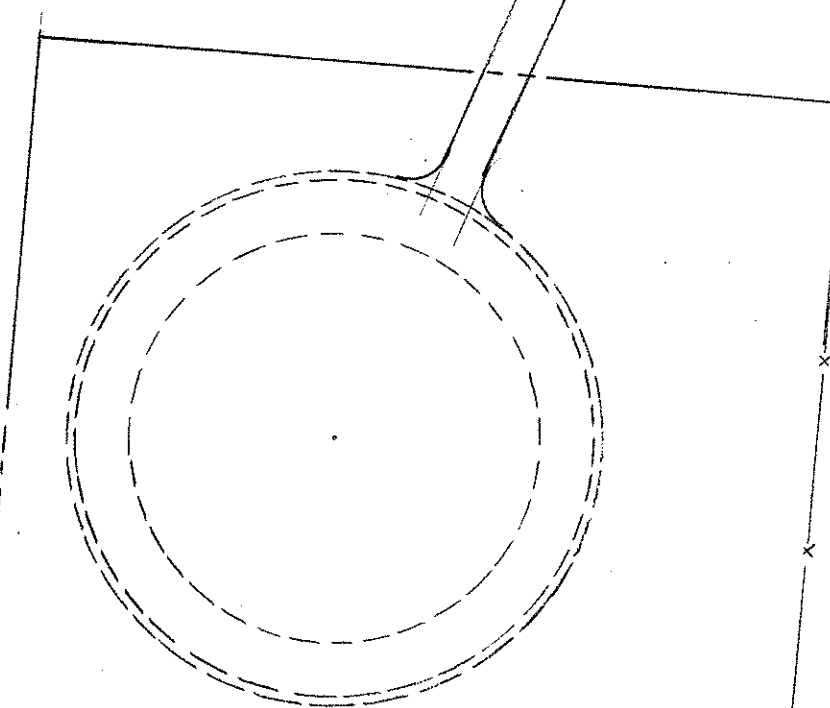
RAMP K-3 STA. 4+25± TO STA. 8+30±
Construct: Concrete lined
Gutter, Concrete lined
Shoulder ditch.
(For detail see sht. no. 4)

ESTIMATED QUANTITIES
Ditch & Channel Exc. 9 c.y.
Cl. "B-1" Conc. or Shotcrete 8.5 c.y.

R/W and Control of Access Line

MOKAPU
SADDLE
ROAD

Sta. 31+47.44
R=1200'



B.W.S.
Kapaa Reservoir

Sta. 633+03± Lt. to Sta. 633+30± Rt.

Construct: 2 Type "C" C.D.I., 1-6IG1 C.D.I.
(For detail see sht. no. 27 & comp. No. 28)
Install: 24" CGMP, 12 Ga. or
24" RCCP, Cl. III or
24" ACCP, Cl. III

ESTIMATED QUANTITIES

Struct. Exc. 135 c.y.
Cl. "A-1" Conc. 8.0 c.y.
24" Pipe Culvert 200 L.F.
Type 6IG1 Steel
Frame and Grate 1 ea.
Rein. Steel 46 lbs

Type "B"
CRM Headwall
Sta. 627+62
O/S = 194.50 Lt.
Inv. = 109.00 = 116.00

CRM Cut-Off Wall

NOTE:
Contractor to Provide
Swale along Embankment
Toe for
positive drainage

End Type "A"
Conc. Lined
Cut-off Ditch

Begin Type "A"
Conc. Lined Cut-off
Ditch

Class "B-1" Conc. Lining, Tie
in Bench Drainage to Type
"C" C.D.I.

Type "C" C.D.I.
Ramp K-2 Sta. 0+60±
Inv. = 144.0

Type "C" C.D.I.
Sta. 633+03±
9% 62'± Lt.
Inv. = 175.5

1'x1' Conc.
Begin Type "A" Ditch

End 1'x1' Conc. Ditch,
Transition into
CRM Headwall

36" Pipe Culvert
For Profile See
Sht. No. 3

Conc. Lined Shoulder Ditch

630+00
214' 00"

Class "A-1" Conc. Wall
(CCO #26)

Conc. Lined Gutter
6" U.T.B. & 2" A.C.
Mix V (CCO #26)
24" Pipe Culvert

Type 6IG1 C.D.I.
Sta. 633+16±
Inv. = 175.0

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+20±
9% 62'± Rt.
Inv. = 174.5

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+24±
9% 62'± Rt.
Inv. = 174.0

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+28±
9% 62'± Rt.
Inv. = 173.5

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+32±
9% 62'± Rt.
Inv. = 173.0

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+36±
9% 62'± Rt.
Inv. = 172.5

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+40±
9% 62'± Rt.
Inv. = 172.0

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+44±
9% 62'± Rt.
Inv. = 171.5

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+48±
9% 62'± Rt.
Inv. = 171.0

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+52±
9% 62'± Rt.
Inv. = 170.5

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+56±
9% 62'± Rt.
Inv. = 170.0

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+60±
9% 62'± Rt.
Inv. = 169.5

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+64±
9% 62'± Rt.
Inv. = 169.0

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+68±
9% 62'± Rt.
Inv. = 168.5

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+72±
9% 62'± Rt.
Inv. = 168.0

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+76±
9% 62'± Rt.
Inv. = 167.5

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+80±
9% 62'± Rt.
Inv. = 167.0

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+84±
9% 62'± Rt.
Inv. = 166.5

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+88±
9% 62'± Rt.
Inv. = 166.0

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+92±
9% 62'± Rt.
Inv. = 165.5

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+96±
9% 62'± Rt.
Inv. = 165.0

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+100±
9% 62'± Rt.
Inv. = 164.5

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+104±
9% 62'± Rt.
Inv. = 164.0

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+108±
9% 62'± Rt.
Inv. = 163.5

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+112±
9% 62'± Rt.
Inv. = 163.0

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+116±
9% 62'± Rt.
Inv. = 162.5

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+120±
9% 62'± Rt.
Inv. = 162.0

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+124±
9% 62'± Rt.
Inv. = 161.5

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+128±
9% 62'± Rt.
Inv. = 161.0

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+132±
9% 62'± Rt.
Inv. = 160.5

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+136±
9% 62'± Rt.
Inv. = 160.0

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+140±
9% 62'± Rt.
Inv. = 159.5

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+144±
9% 62'± Rt.
Inv. = 159.0

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+148±
9% 62'± Rt.
Inv. = 158.5

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+152±
9% 62'± Rt.
Inv. = 158.0

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+156±
9% 62'± Rt.
Inv. = 157.5

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+160±
9% 62'± Rt.
Inv. = 157.0

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+164±
9% 62'± Rt.
Inv. = 156.5

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+168±
9% 62'± Rt.
Inv. = 156.0

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+172±
9% 62'± Rt.
Inv. = 155.5

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+176±
9% 62'± Rt.
Inv. = 155.0

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+180±
9% 62'± Rt.
Inv. = 154.5

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+184±
9% 62'± Rt.
Inv. = 154.0

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+188±
9% 62'± Rt.
Inv. = 153.5

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+192±
9% 62'± Rt.
Inv. = 153.0

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+196±
9% 62'± Rt.
Inv. = 152.5

20' Transition

Conc. Lined Gutter

24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+200±
9% 62'± Rt.
Inv. = 152.0

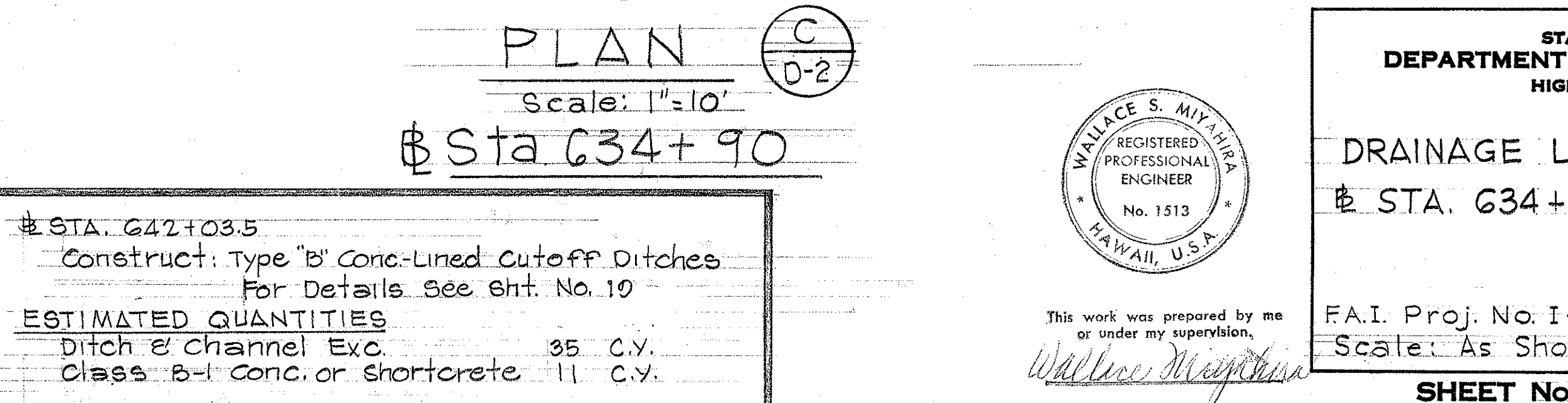
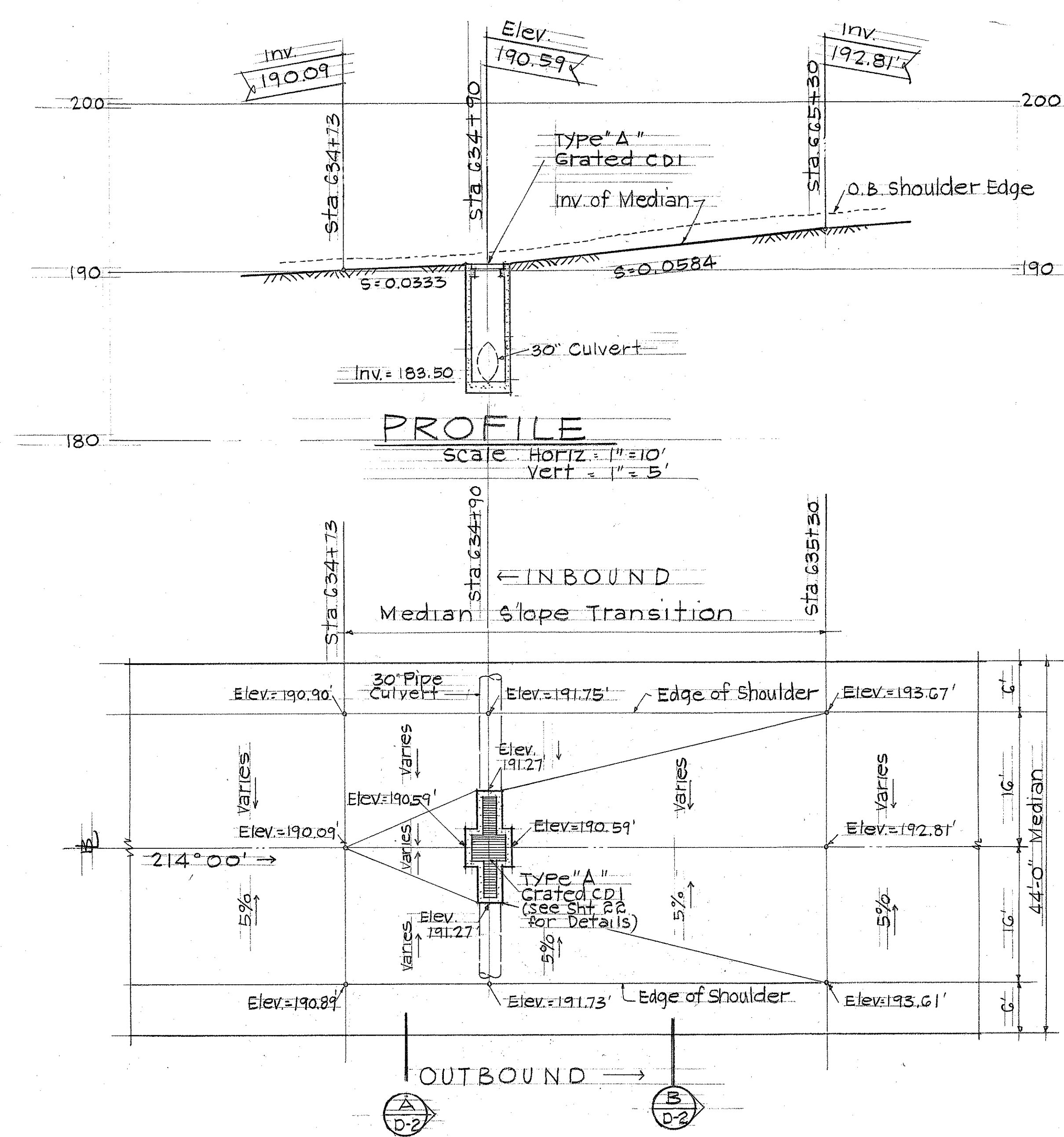
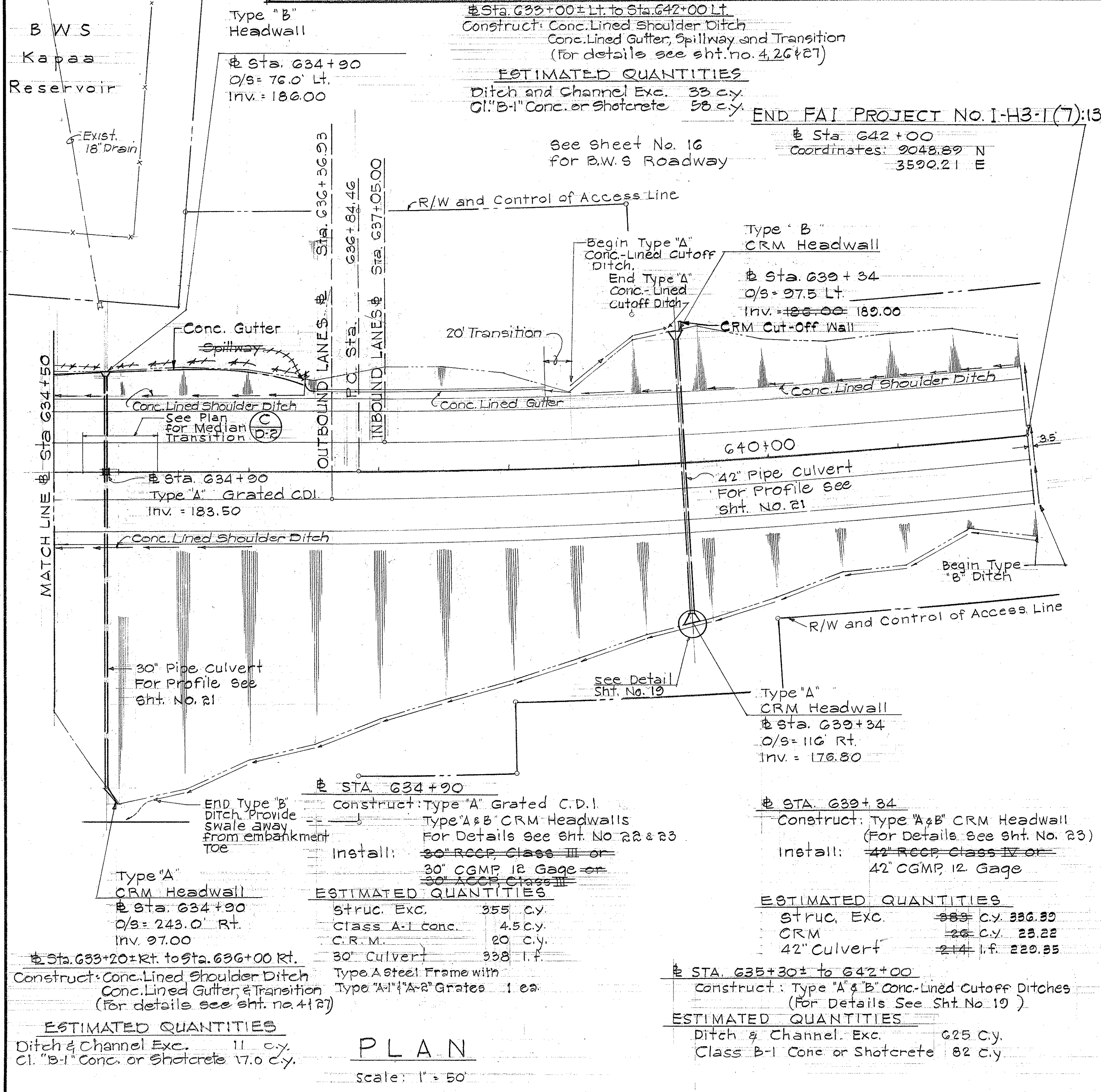
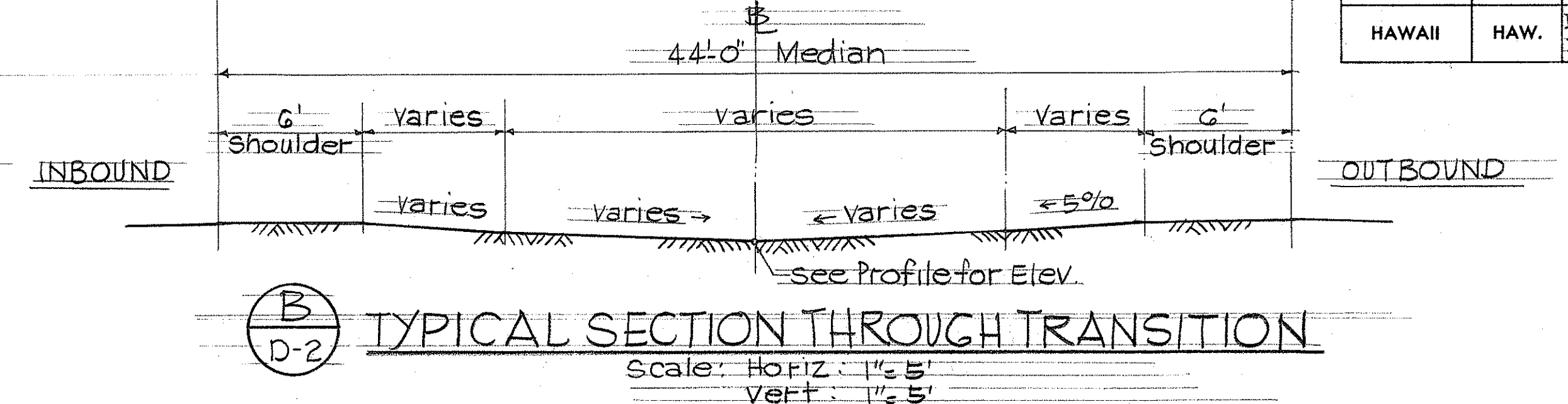
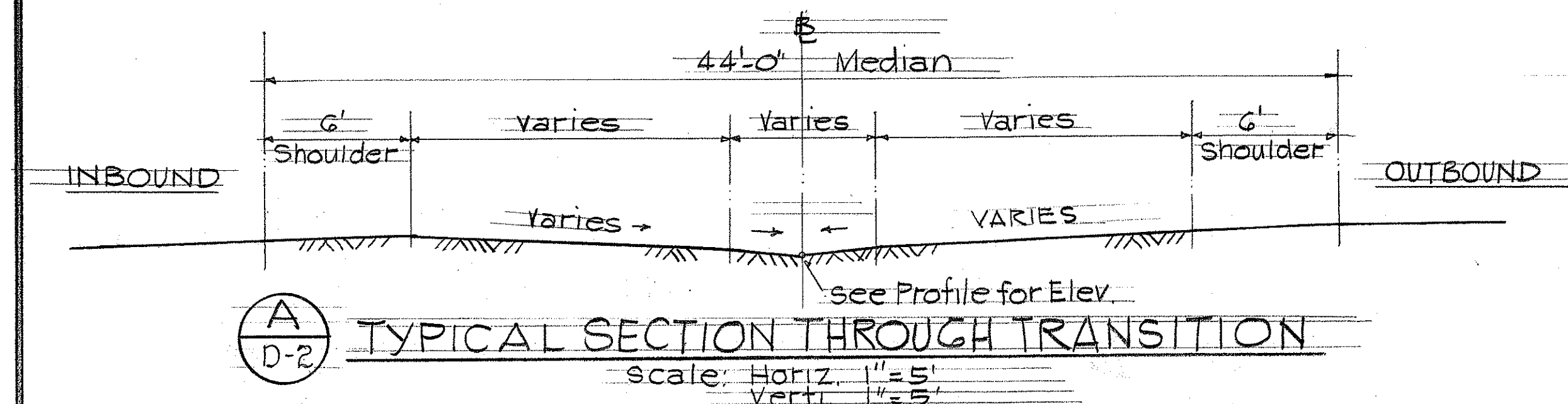
20' Transition

Conc. Lined Gutter

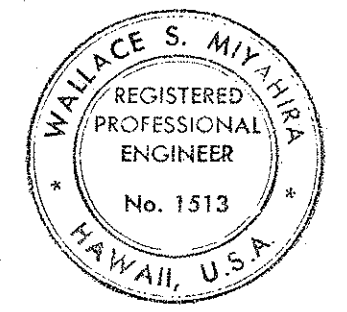
24" Pipe Culvert

Type "C" C.D.I.
Sta. 633+204±
9% 62

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(7):13 I-H3-1(2):8	1968	20	86



NOTE: Median Slope Transition shall be paved w/ 2" A.C., Class V and 6" Untreated Base Course.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

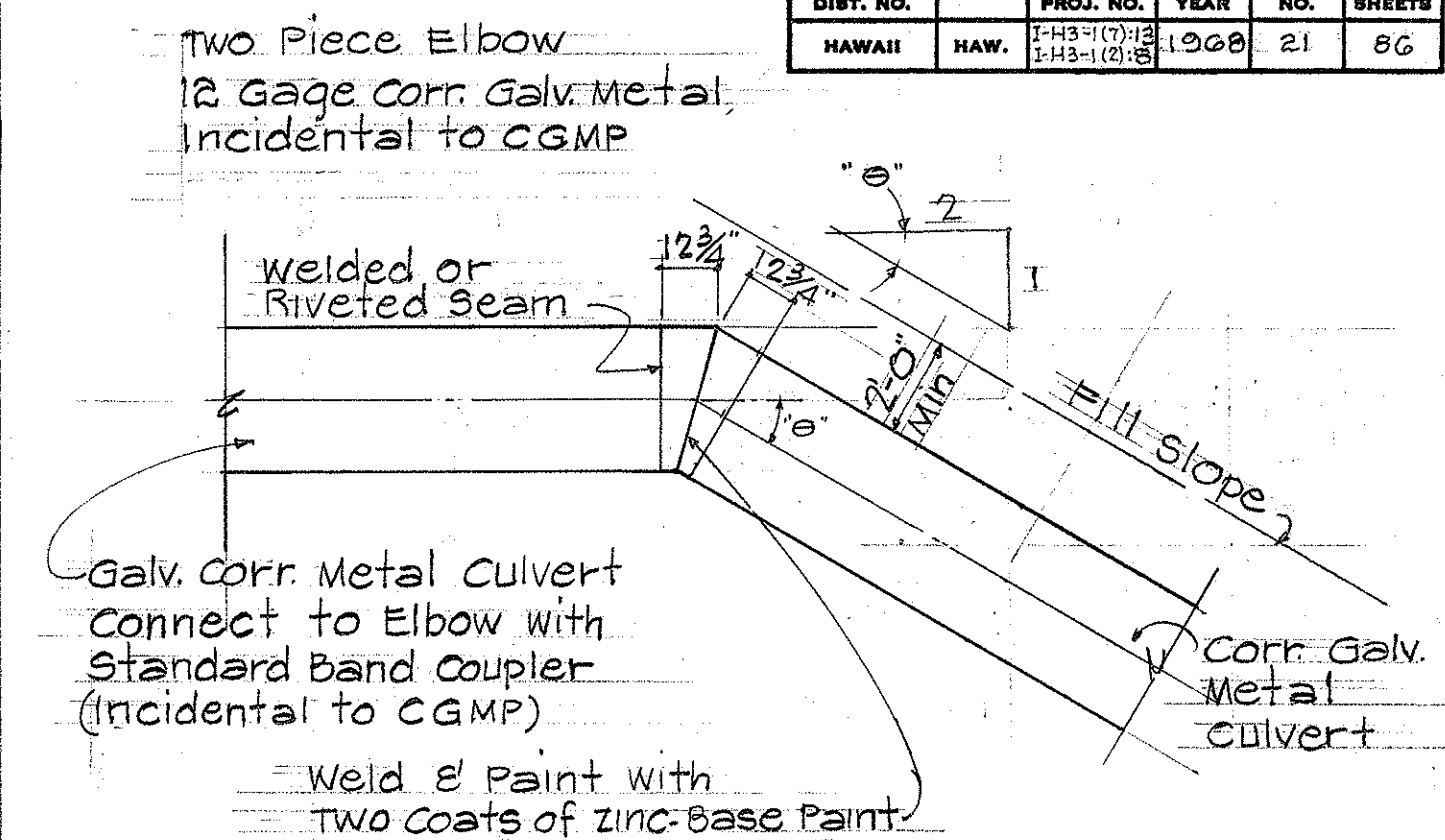
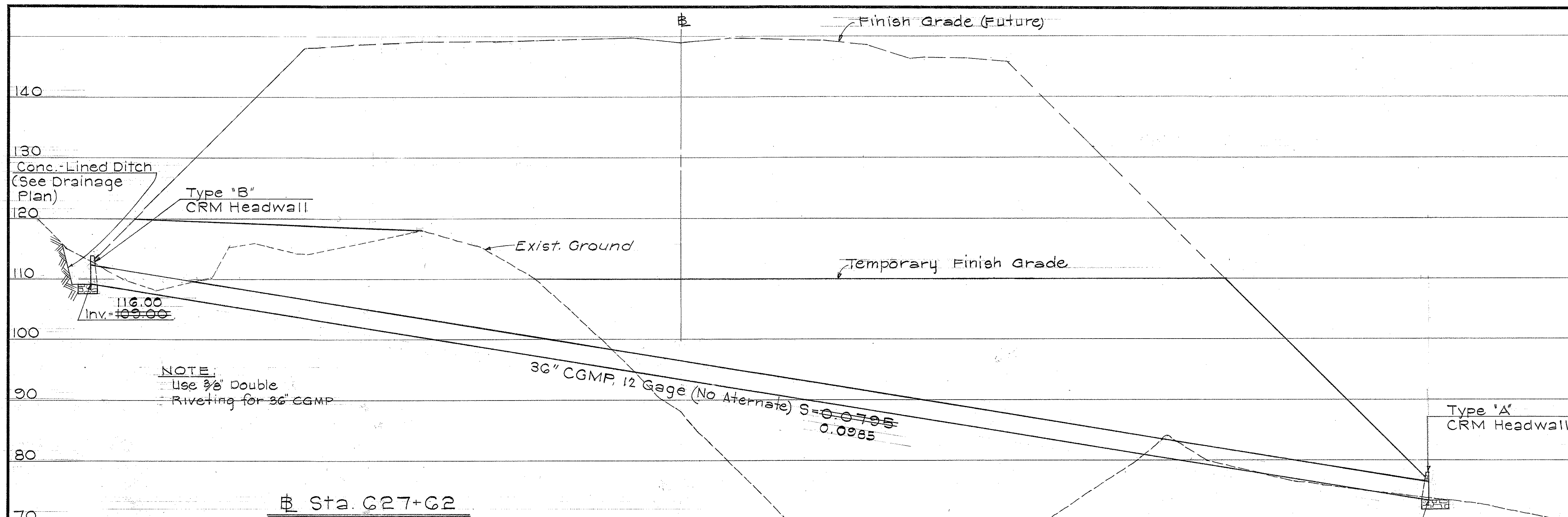
DRAINAGE LAYOUT & DETAILS
Sta. 634+50 to Sta. 642+00

FAI. Proj. No. I-H3-1(7):13, I-H3-1(2):8
Scale: As Shown Date: Jan. 1968

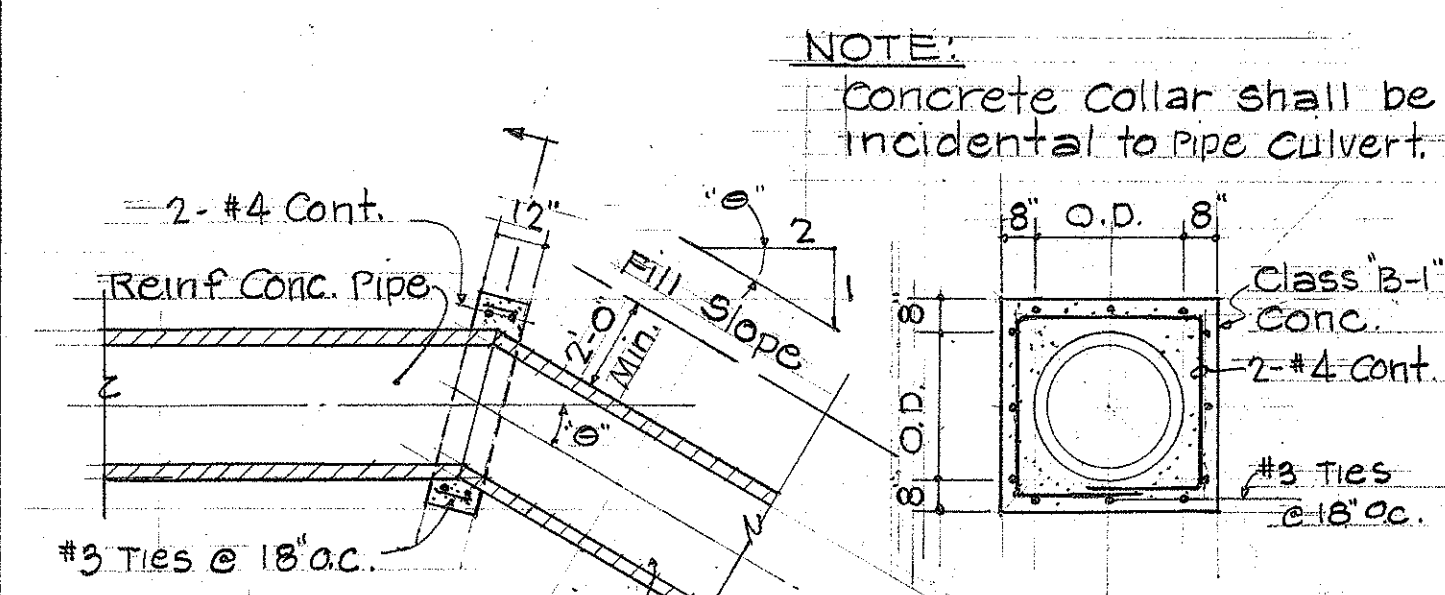
SHEET No. D-2 OF 9 SHEETS

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

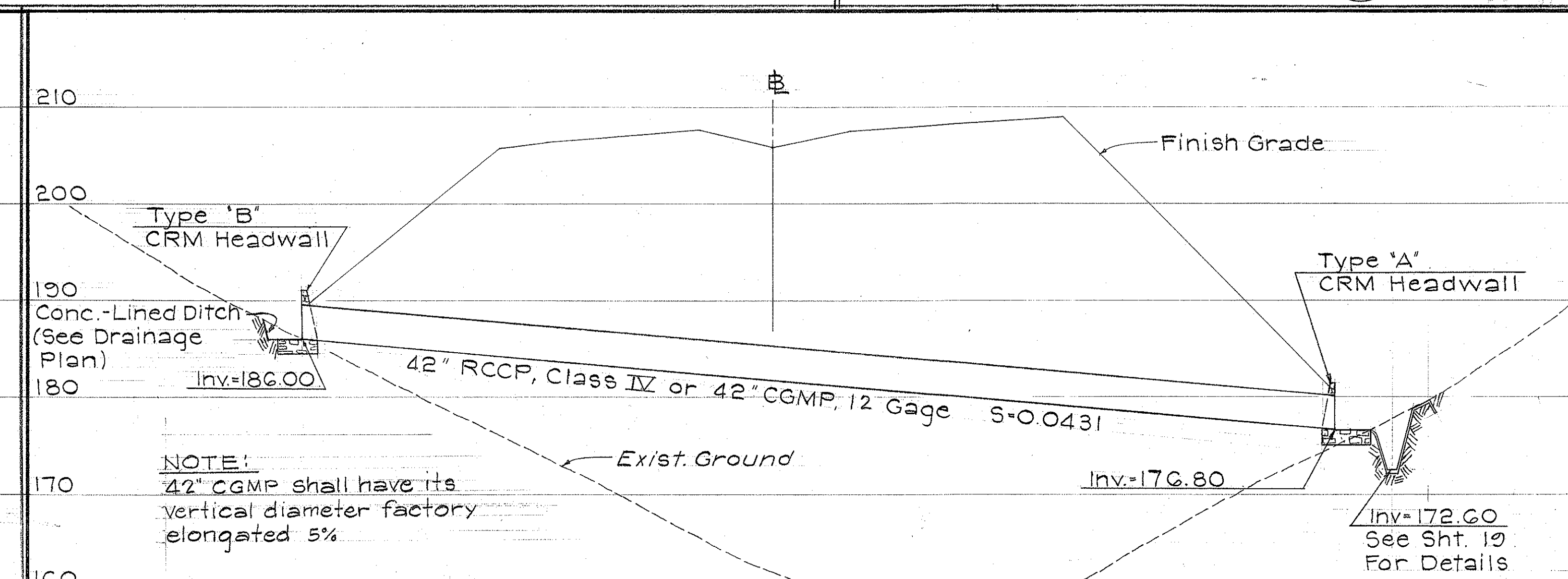
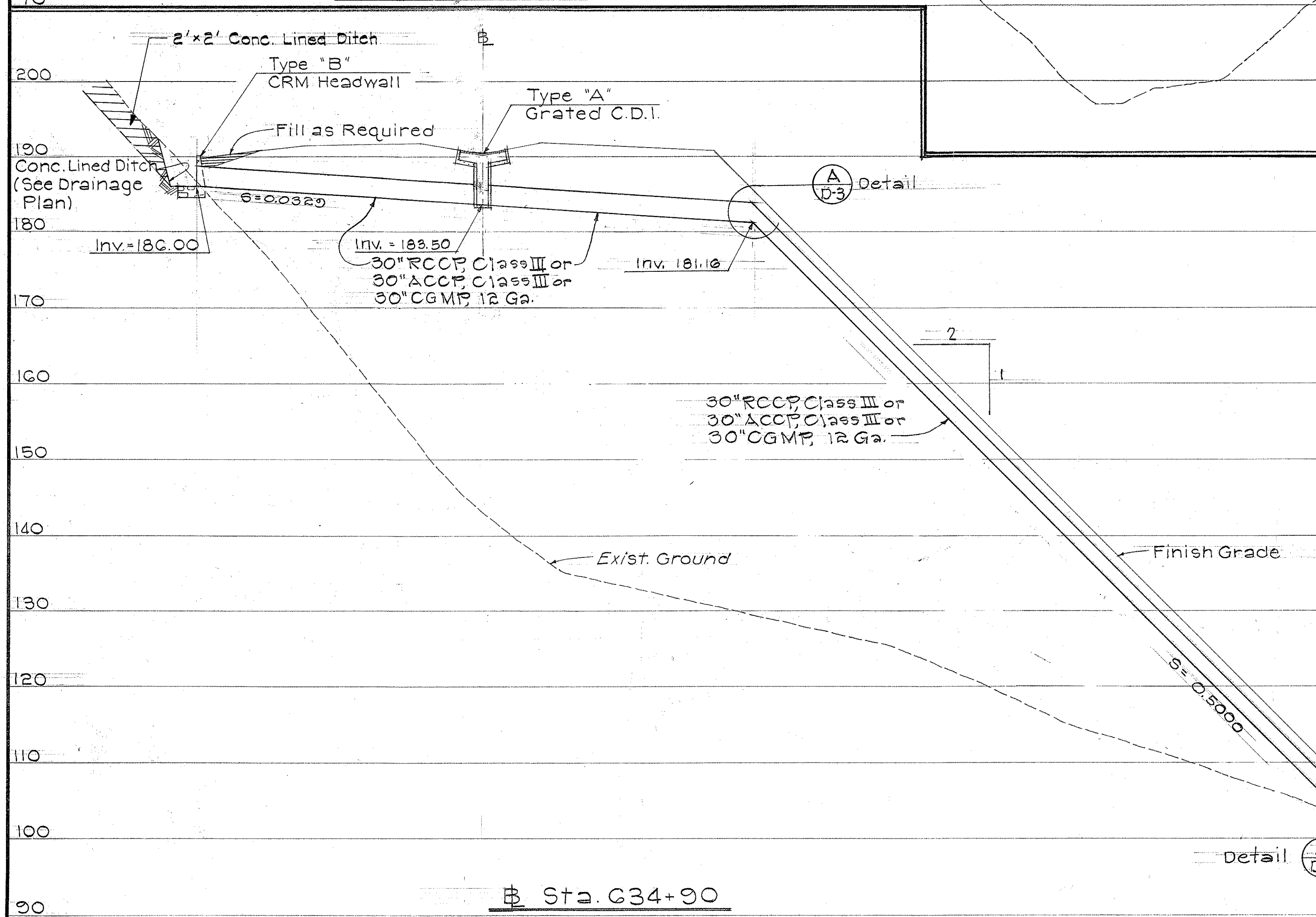
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-H3-1(7)-13	1968	21	86



CGMP CONNECTION

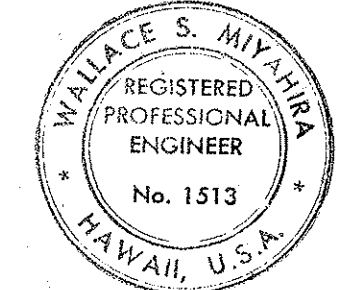


ELEVATION SECTION RCCP CONNECTION DETAIL A D-3



NOTE:
42" CGMP shall have its
vertical diameter factory
elongated 5%

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



This work was prepared by me
or under my supervision,
Wallace S. Miyahira

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE DETAILS
PIPE CULVERT CROSSINGS

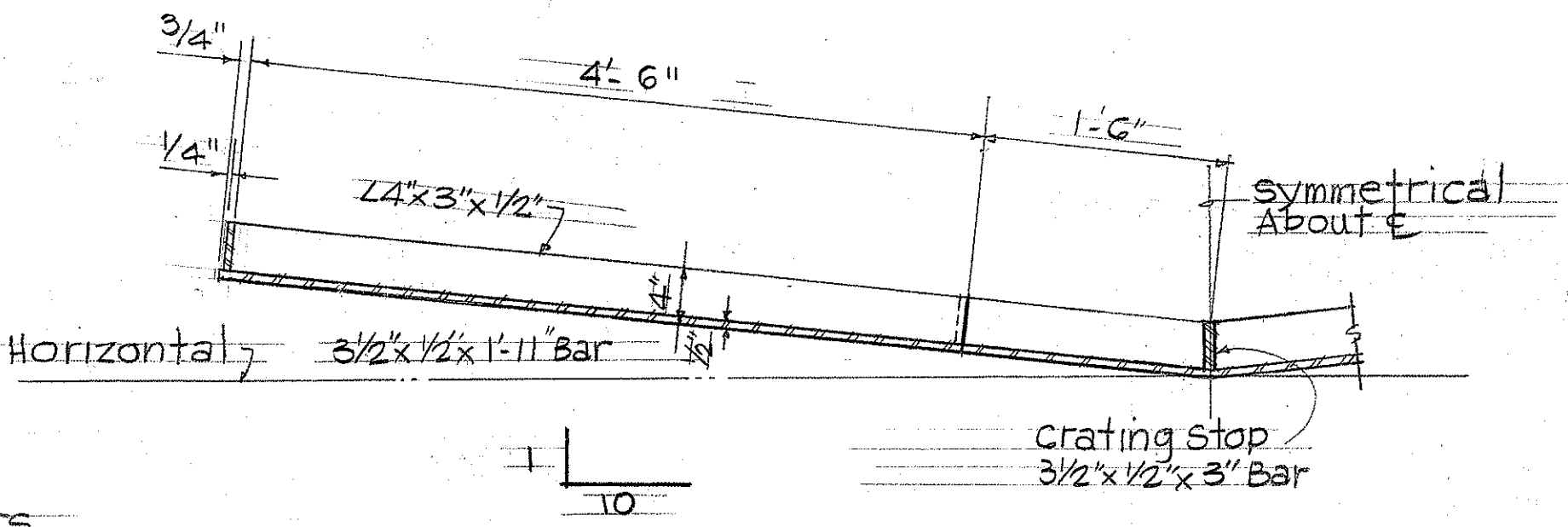
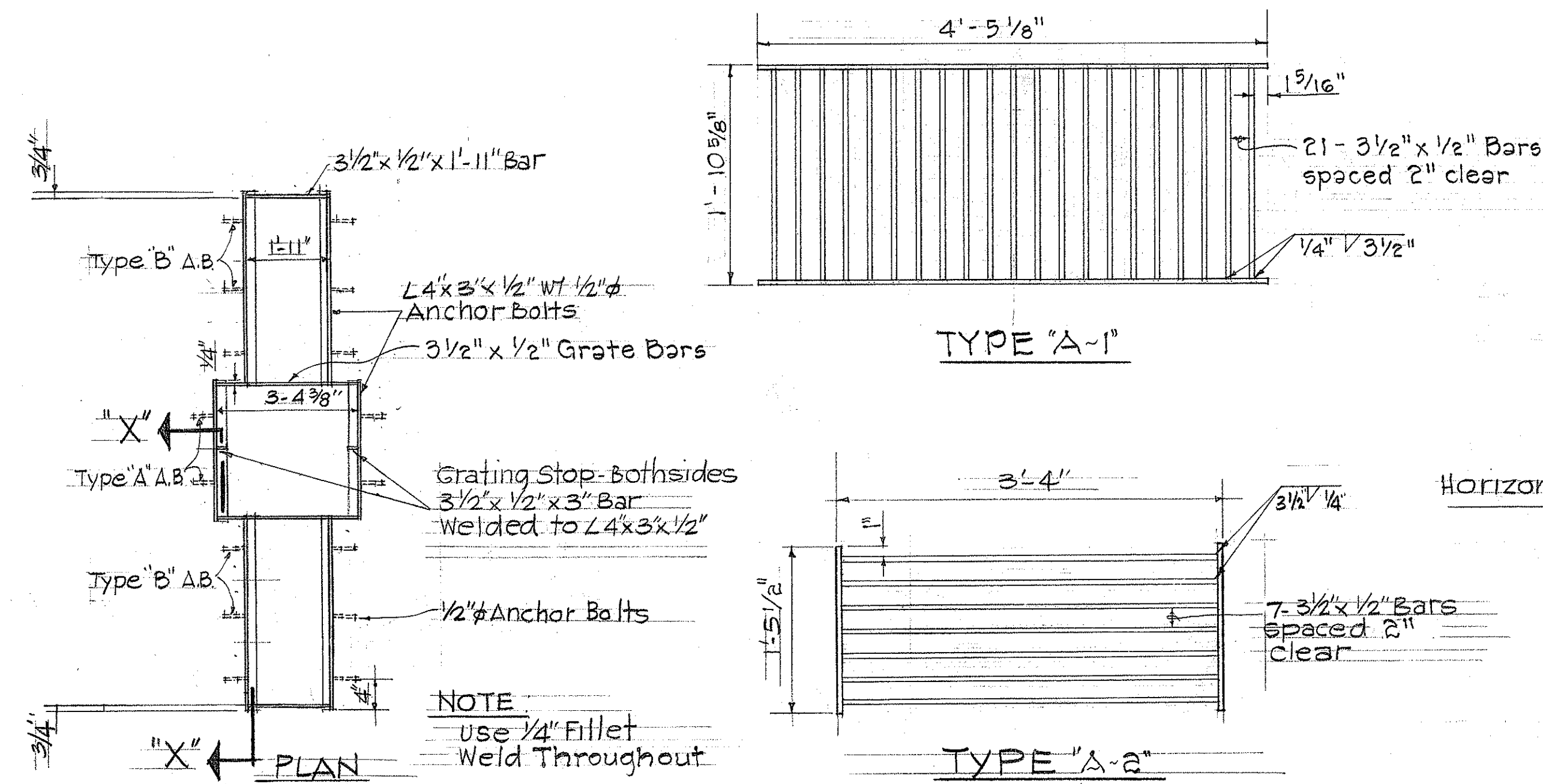
FAI Proj. No. I-H3-1(7)-13, I-H3-1(2)-8
Scale: Horiz. 1"=20'
Vert. 1"=10' Date: Jan. 1968

SHEET No. D-3 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(7):13 I-H3-1(2):8	1968	22	86

GENERAL NOTES

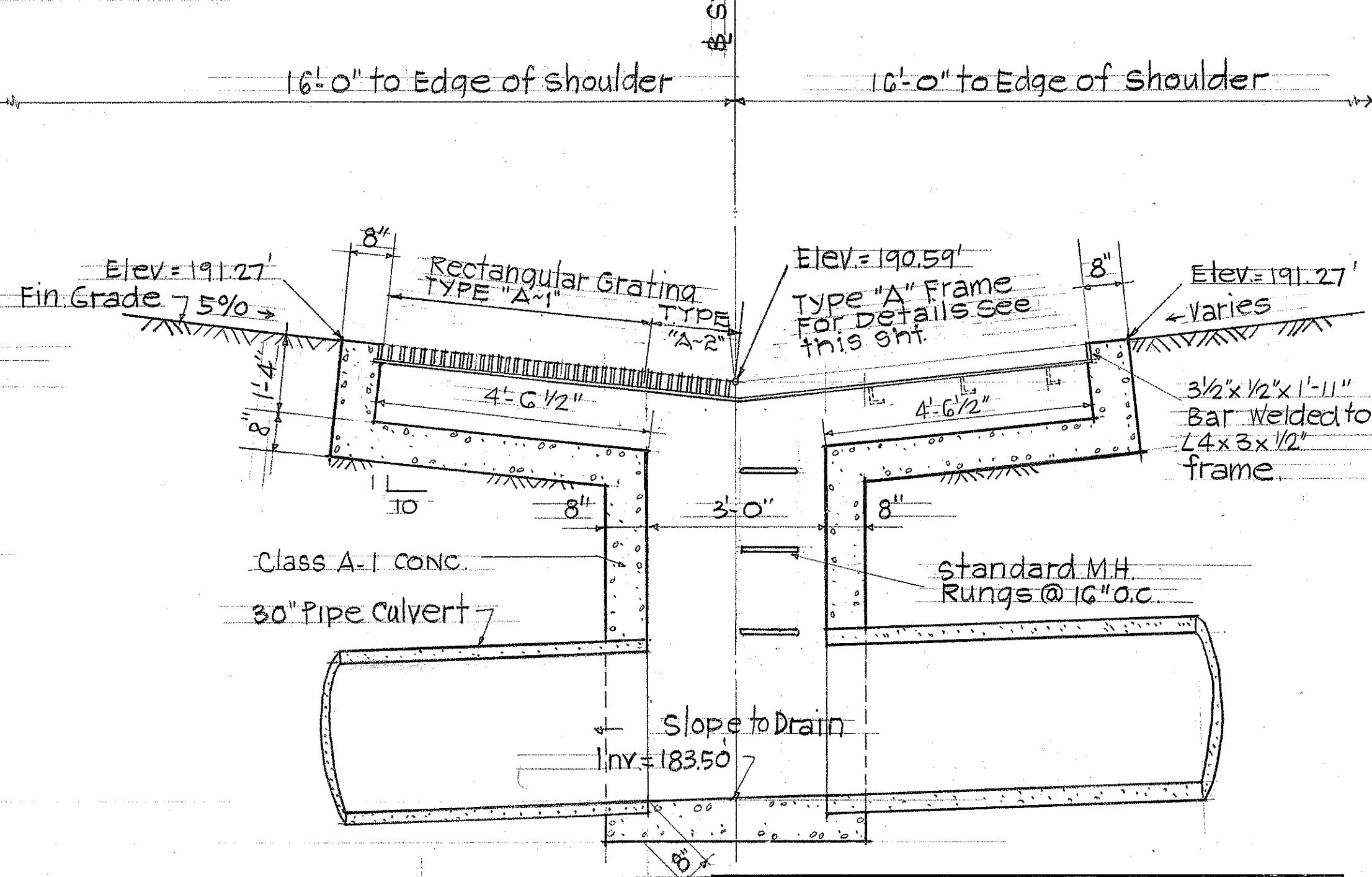
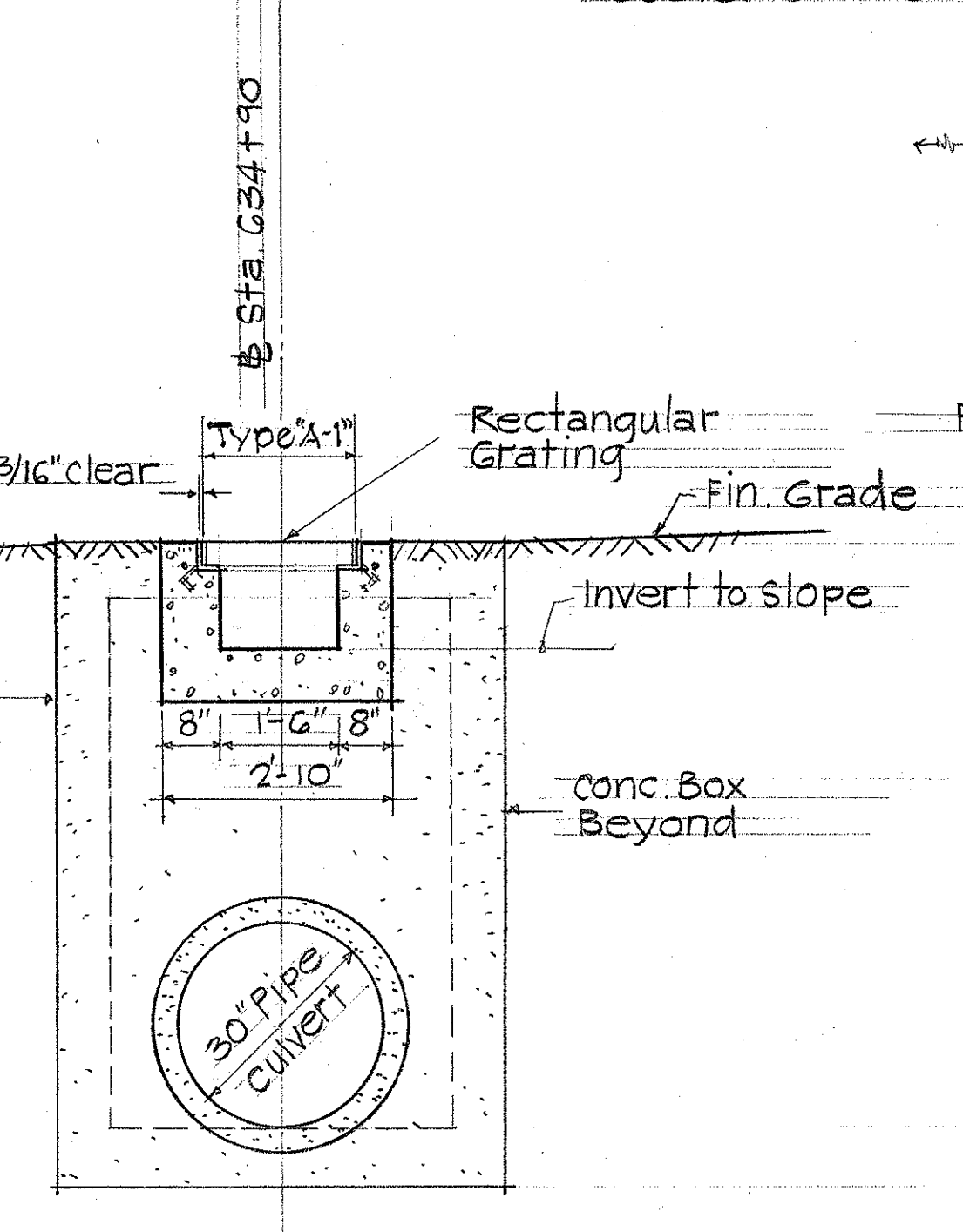
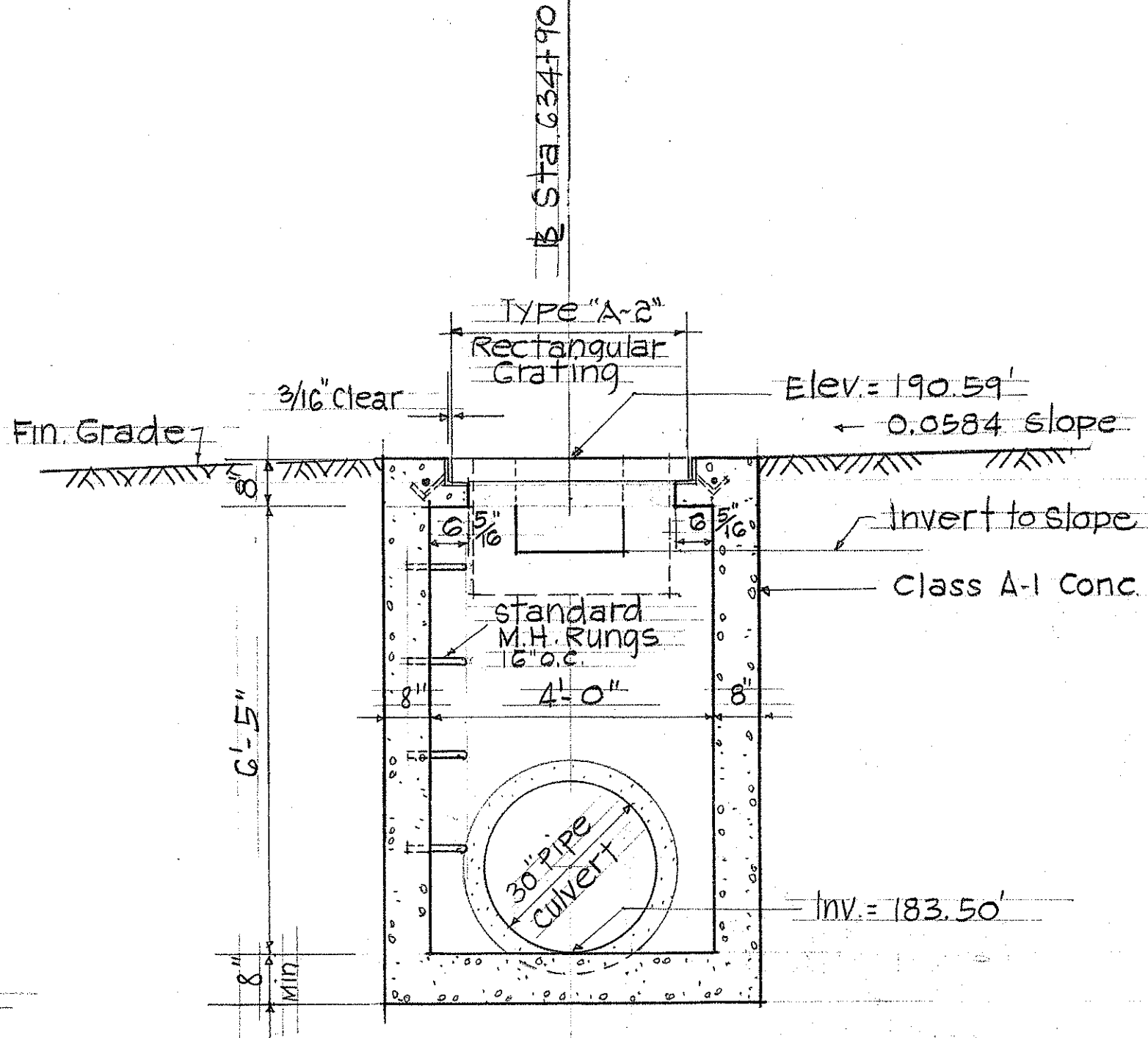
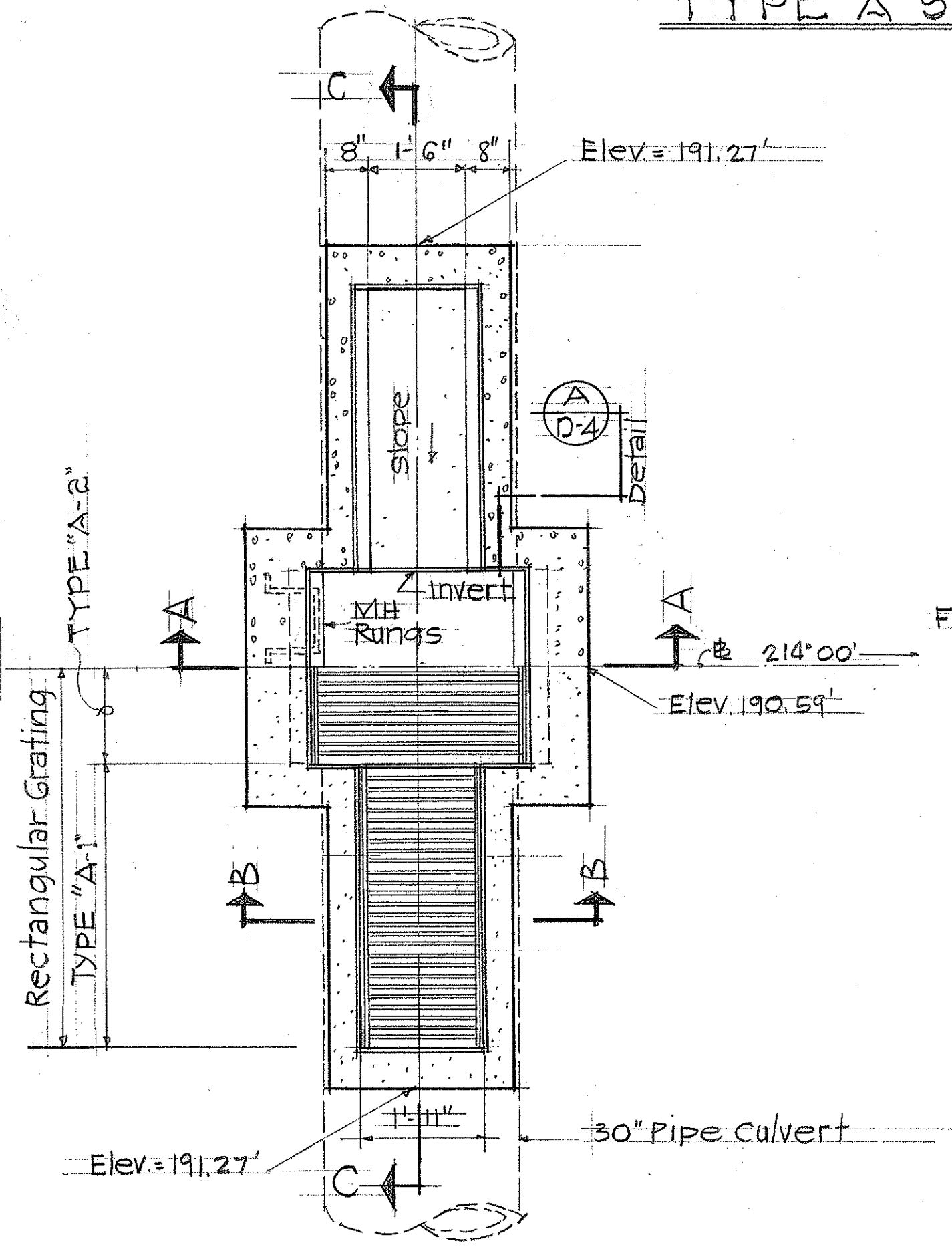
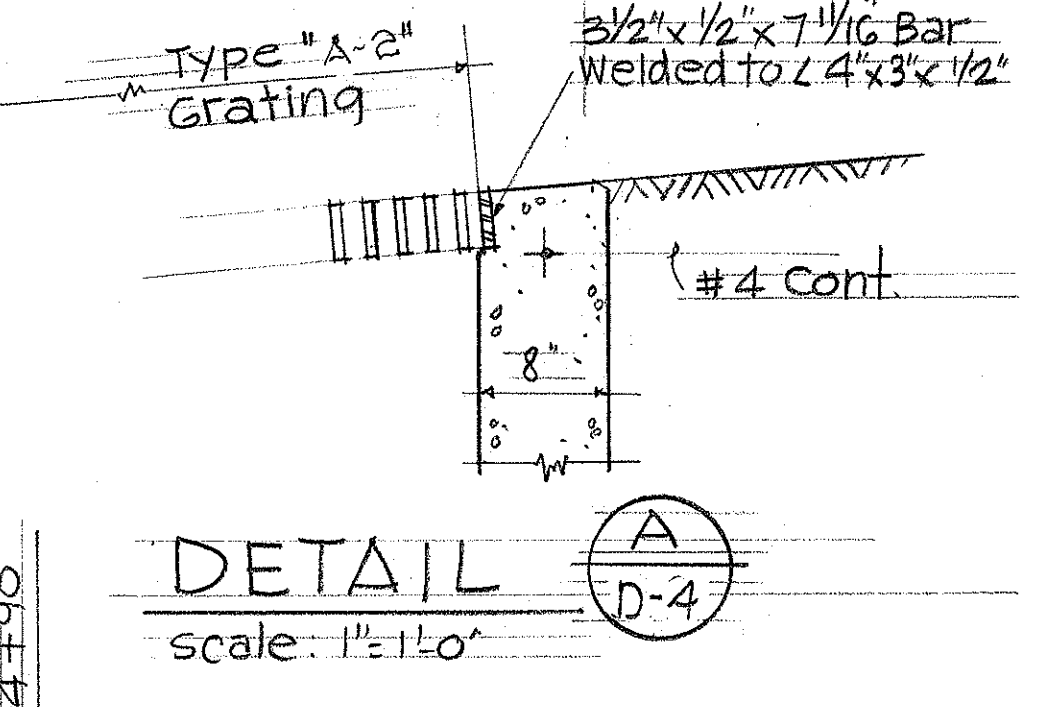
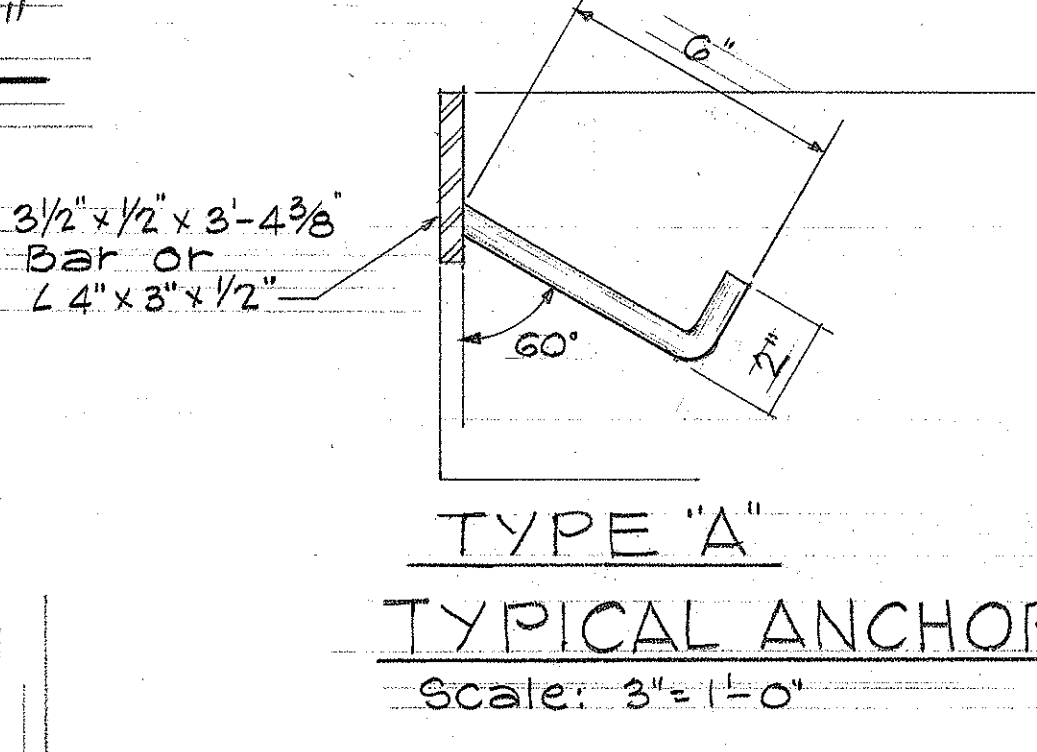
- Grates and frames shall have edges grinded smooth after fabrication.
- Grates and frames may be galvanized or asphalt dipped. See Standard Specifications or Special Provisions.
- Full penetration butt welds may be substituted for the fillet welds on all anchors.
- Standard Square, hexagon, round or equivalent headed anchors may be substituted for the right angle hooks on the anchors shown on this plan.
- All steel shall be structural grade.
- Location of standard manhole rungs to be determined by the Engineer.



TYPE "A" STEEL FRAME
Scale: 3/8" = 1'-0"

RECTANGULAR GRATES
Scale: 1" = 1'-0"

TYPE "A" STEEL FRAME WITH TYPE "A-1" AND "A-2" GRATES
Scale: as shown



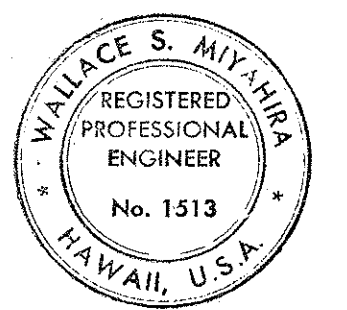
PLAN - Sta 634+90
Scale: 1/2" = 1'-0"

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

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

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

TYPE "A" GRATED CONCRETE DROP INTAKE
Scale: As Shown



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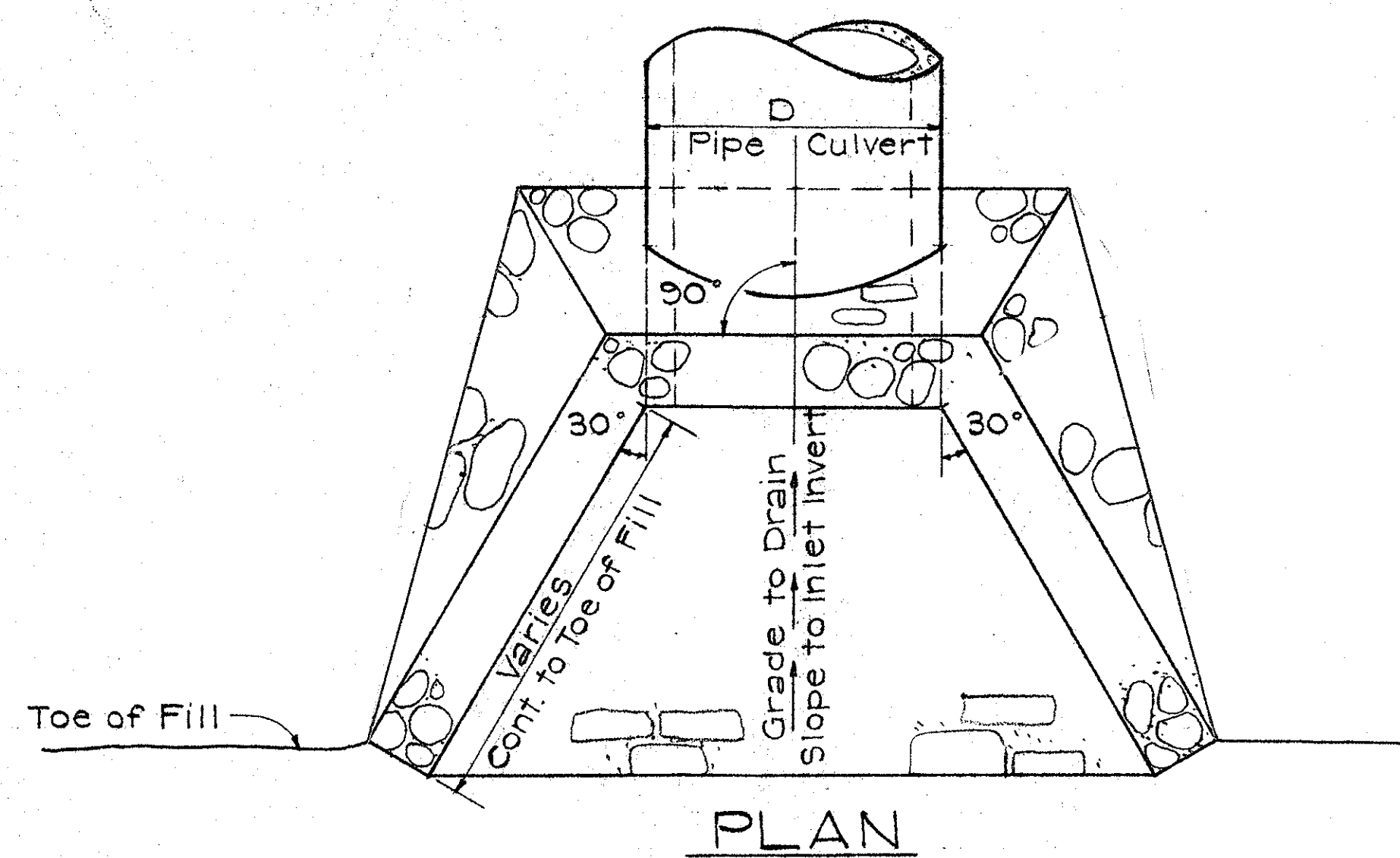
DETAILS OF
GRATED CONCRETE DROP INTAKE
TYPE "A"

F.A.I. Proj. No. I-H3-1(7):13, I-H3-1(2):8
Scale: As Shown Date: Jan. 1968

SHEET No. D-4 OF 9 SHEETS

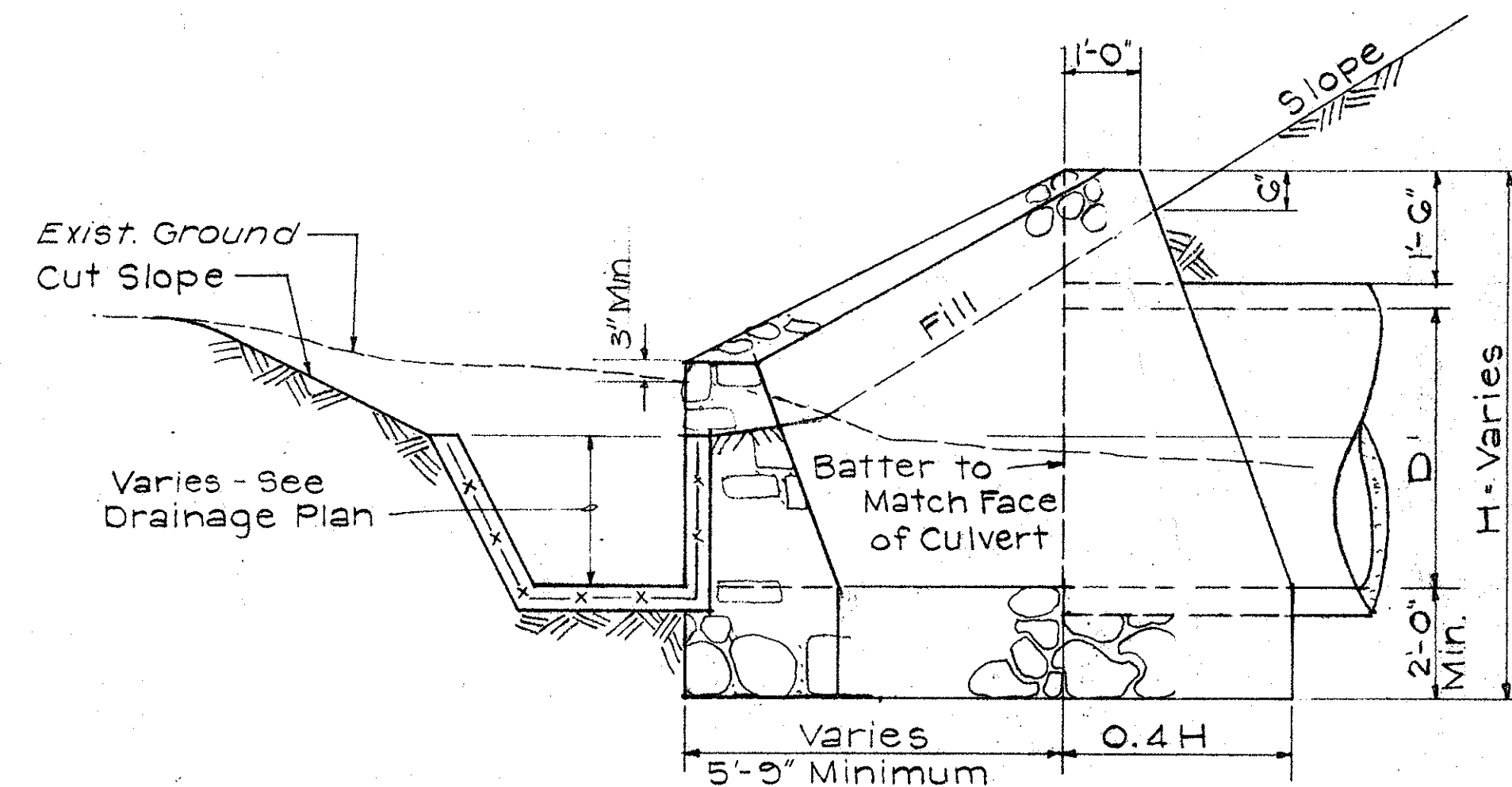
This work was prepared by me or under my supervision.
Wallace S. Myer

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(7)-13 I-H3-1(2)-8	1968	23	86



PLAN

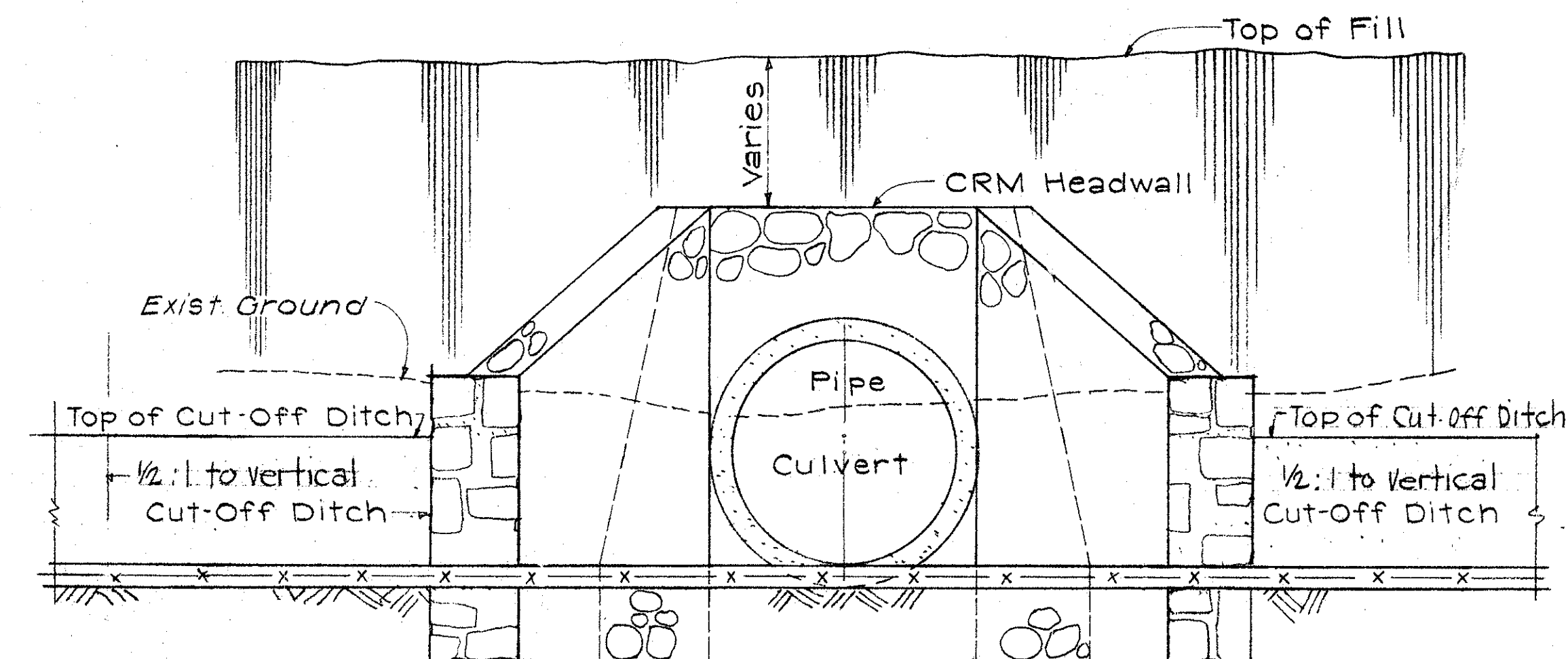
NOTE:
When outlet is skewed to embankment slope, the embankment may be contoured to cover the exposed section of wall and pipe.



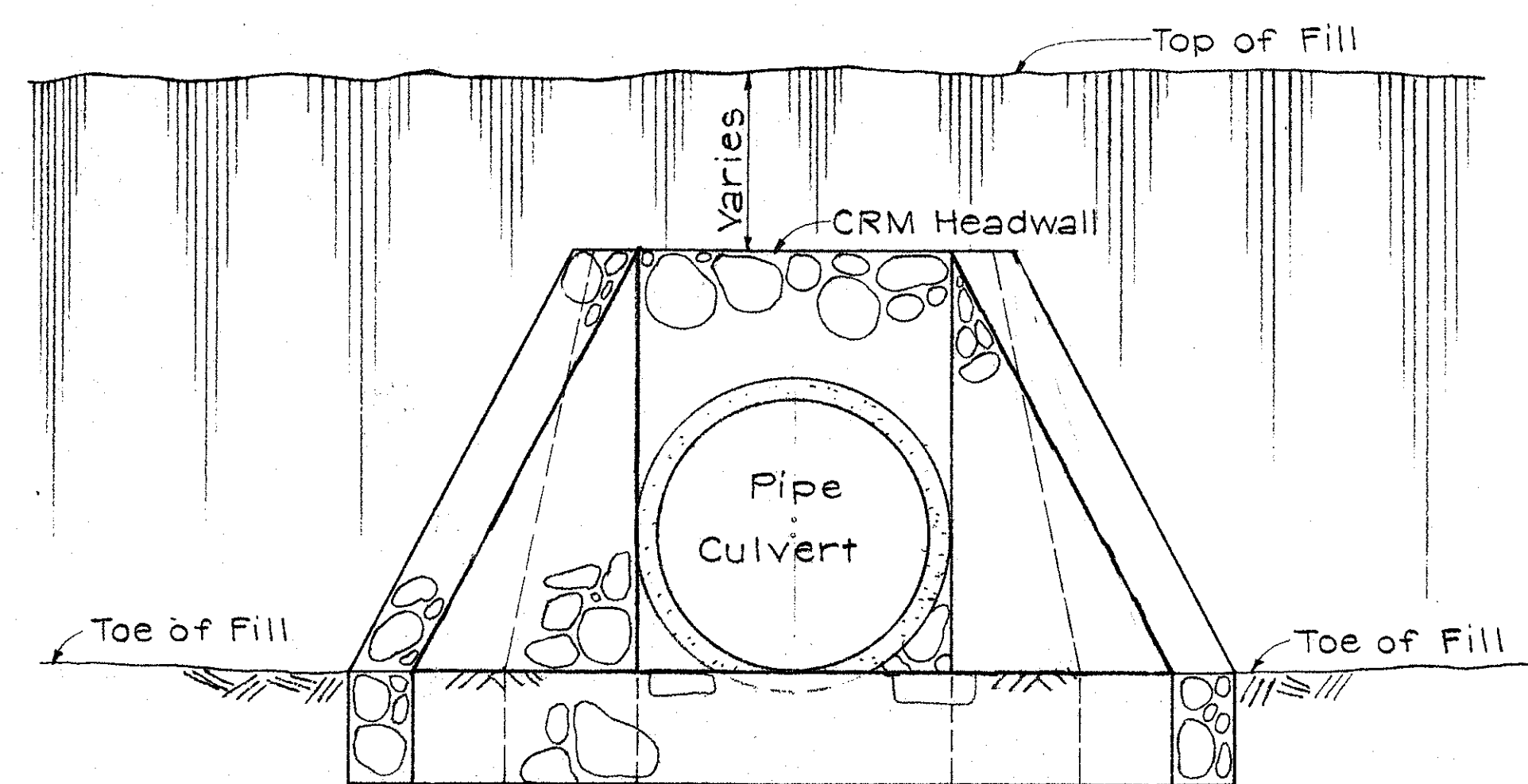
SIDE ELEVATION

TYPE "B" CRM HEADWALL

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



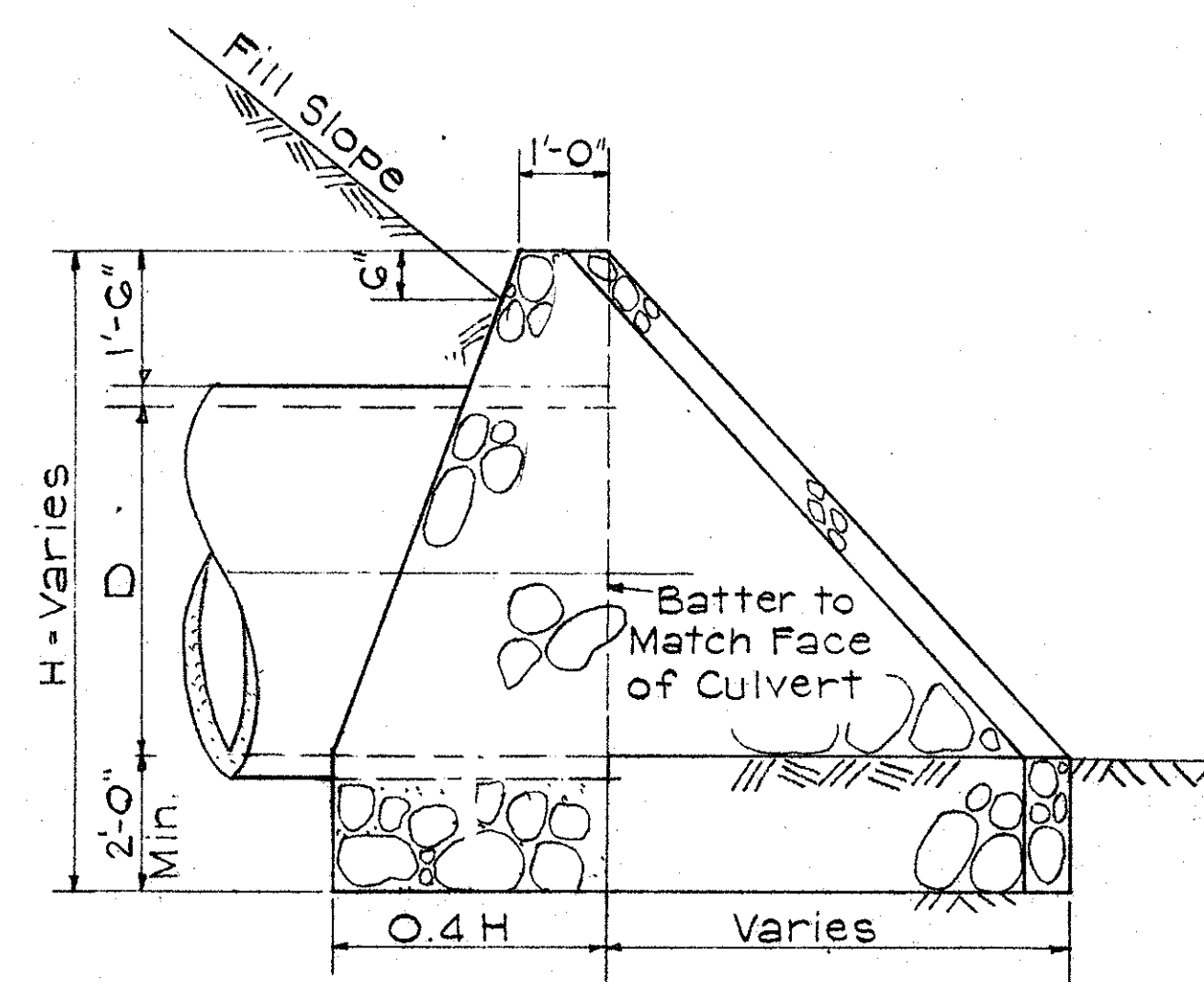
FRONT



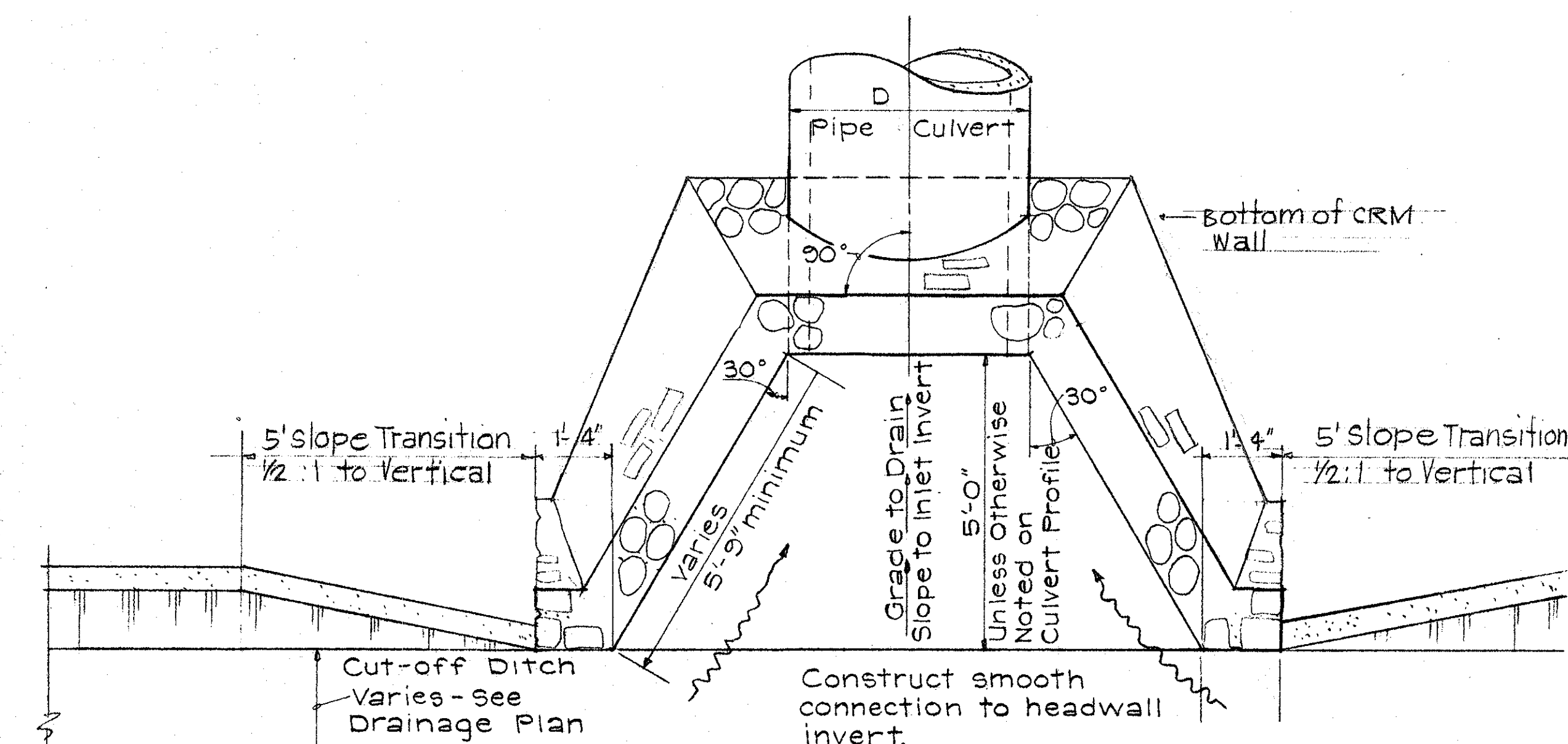
FRONT

TYPE "A" CRM HEADWALL

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

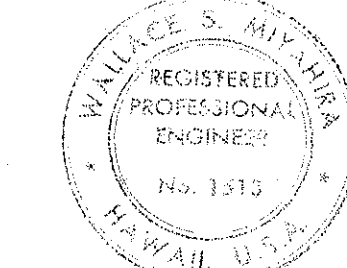


SIDE ELEVATION



PLAN

NOTE:
When outlet is skewed to embankment slope, the embankment may be contoured to cover the exposed section of wall and pipe.



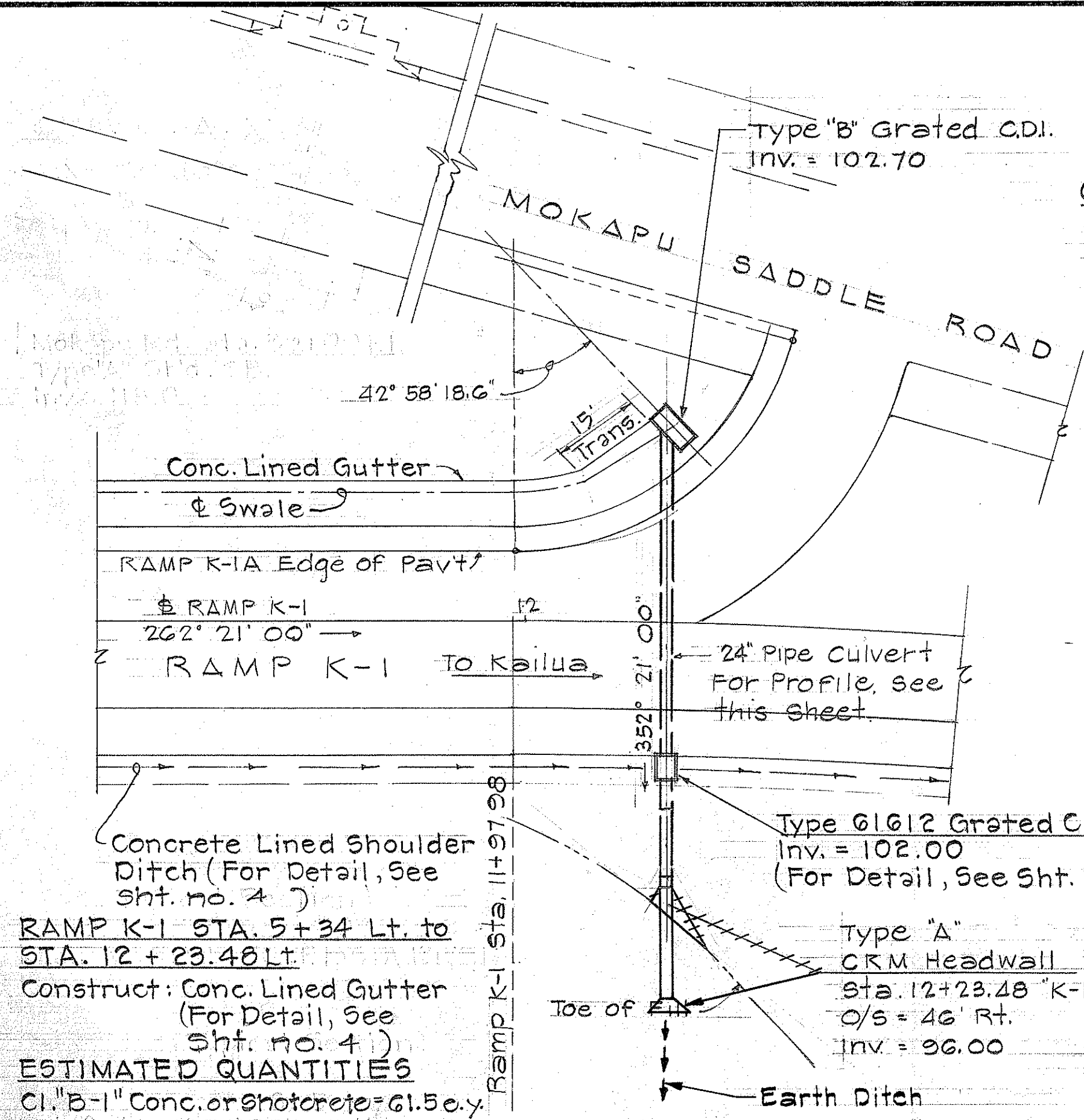
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE STRUCTURE DETAILS
CRM HEADWALL
TYPE "A" & "B"

FAI Proj. No. I-H3-1(7)-13, I-H3-1(2)-8
Scale: $\frac{1}{2}$ " = 1'-0" Date: Jan. 1968

SHEET No. 0-5 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(7):13 I-H3-1(2):8	1968	24	86

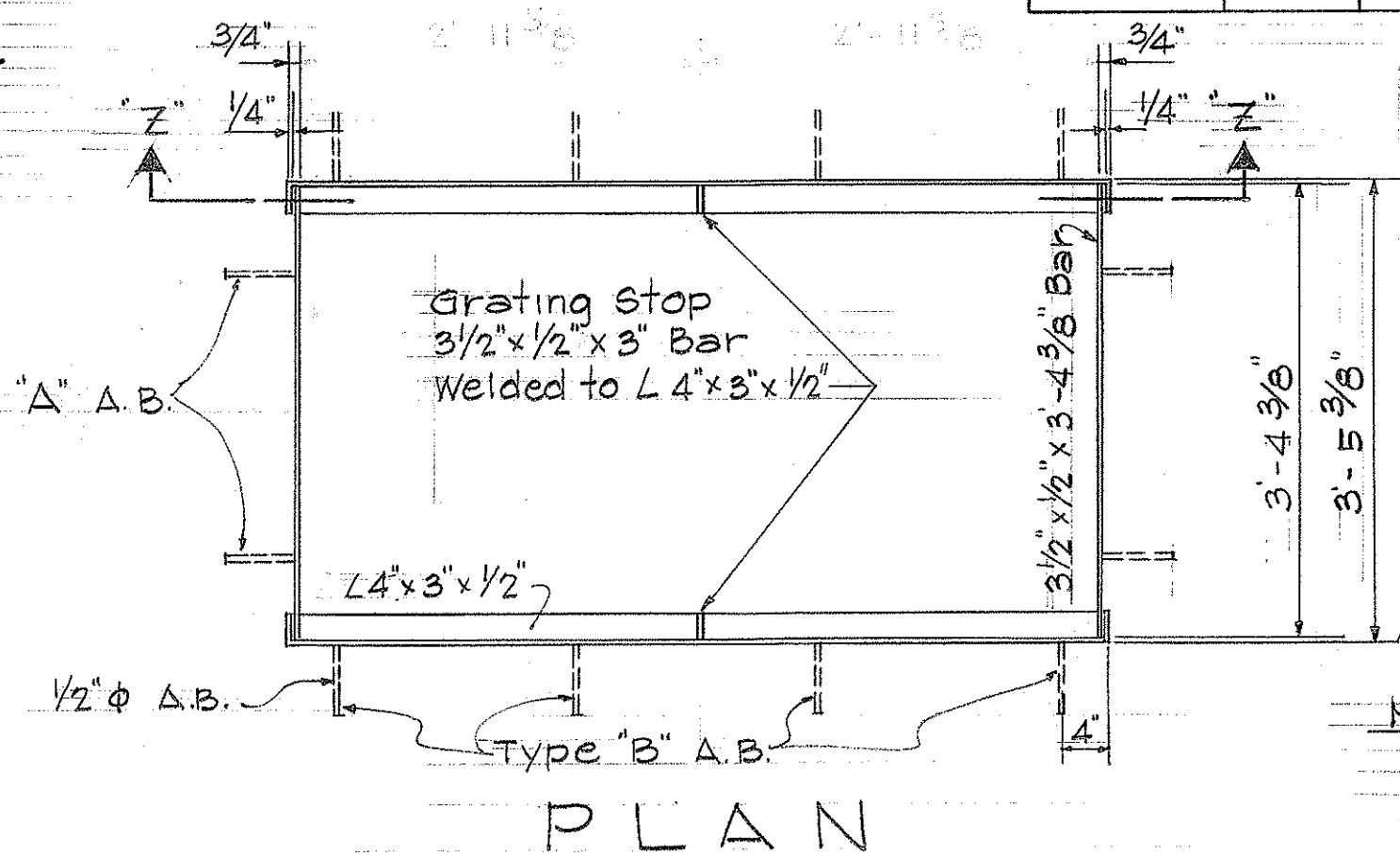


CURVE DATA

Δ = 73°40'
R = 50'
T = 37.45
L = 64.29

RAMP "K-1" STA. 12 + 23.48
Construct: Type "B" Grated C.D.I.
Type "A" CRM Headwall
Type 61612 Grated C.D.I.
For Details, See this Sht. & Sht. Nos. 23 & 25
Install: 24" R.C.P., Class III or 24" CGMP, 12 Gage or 24" ACCP, Class III

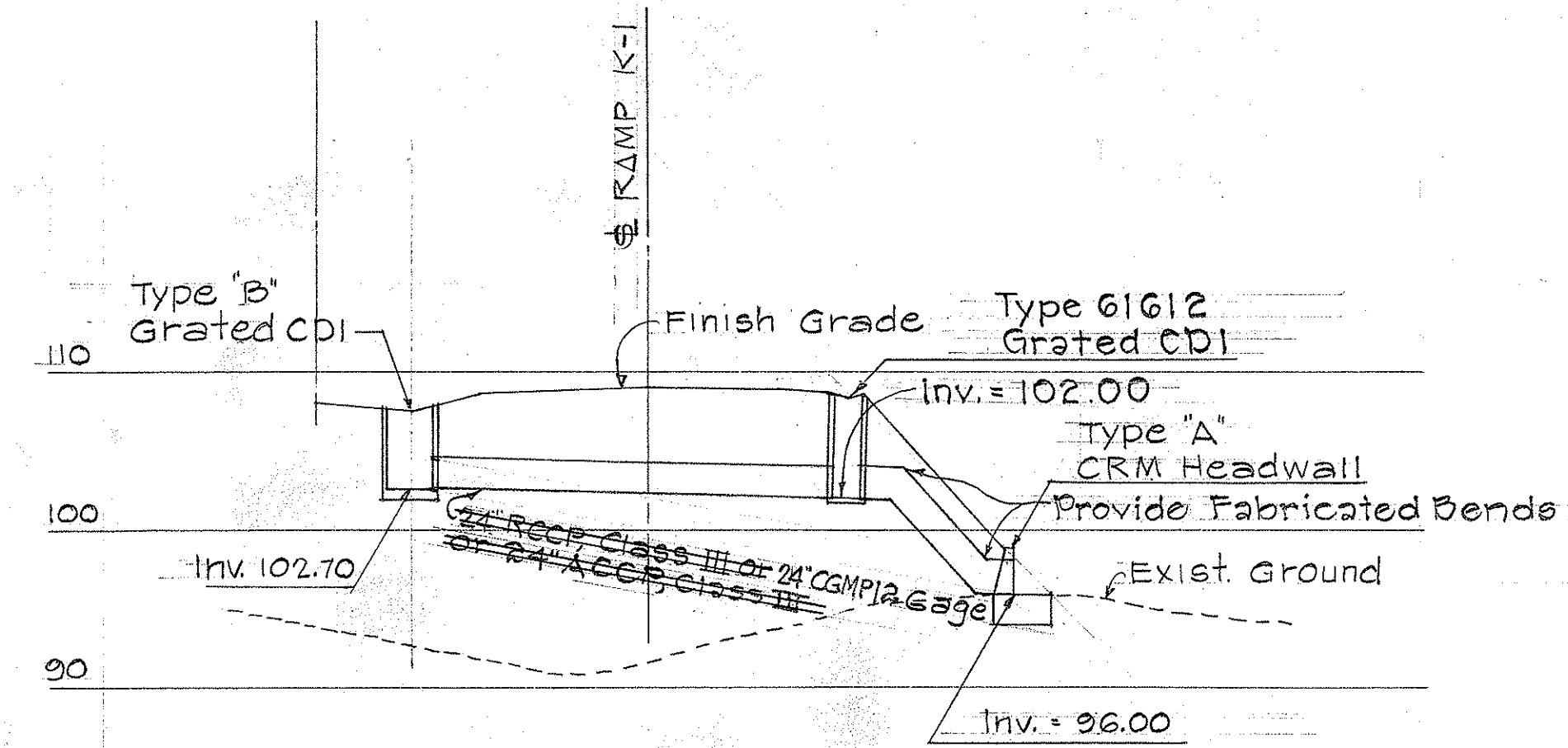
ESTIMATED QUANTITIES
Struc. Exc. 70 cy. 126.5
Class A-1 Conc. 7 cy. 6.04
Reinf. Steel 46 lbs. 48.0
C.R.M. 8 cy. 4.77
24" Culvert 74 l.f. 109.8
Type "B" Steel Frame with Type A-2 Steel Grates 1 ea.
Type 61612 Steel Frame and Grates 1 ea.
Ditch & Channel Exc. 14.0 cy. Type "A" A.B.



NOTE: For Anchor Bolt Detail See Sht. No. 22.

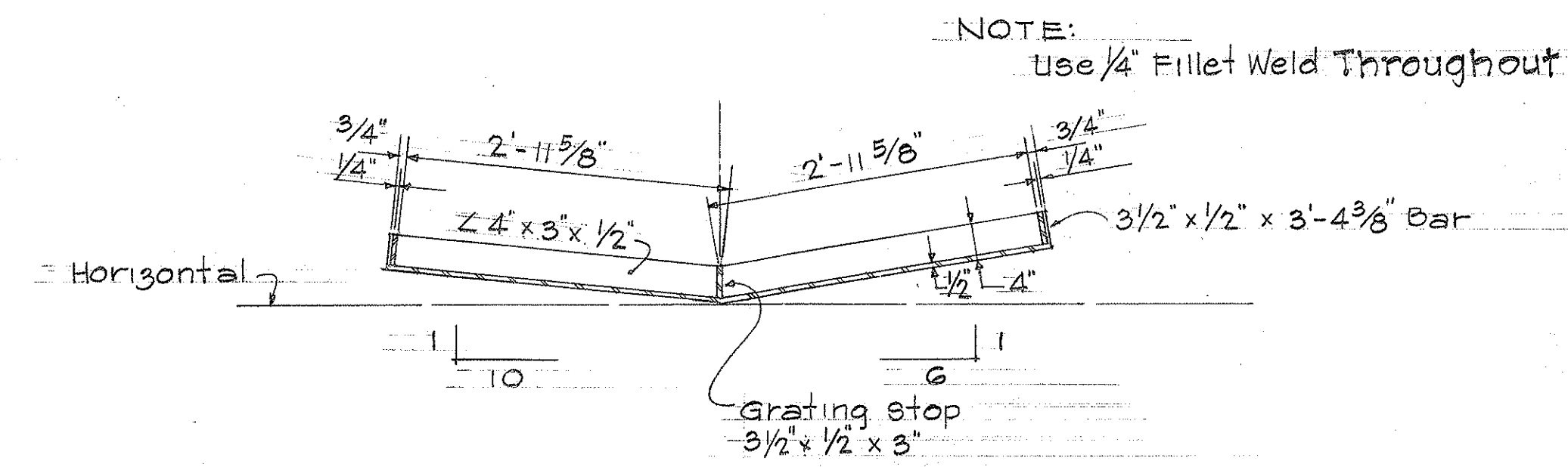
RAMP K-1 STA. 5 + 34 Lt. to STA. 12 + 23.48 Lt.
Construct: Conc. Lined Gutter (For Detail, See Sht. No. 4)
ESTIMATED QUANTITIES
Cl. "B-1" Conc. or shotcrete = 61.5 cy.
Reinf. Steel = 1041

PLAN
Scale: 1" = 20'

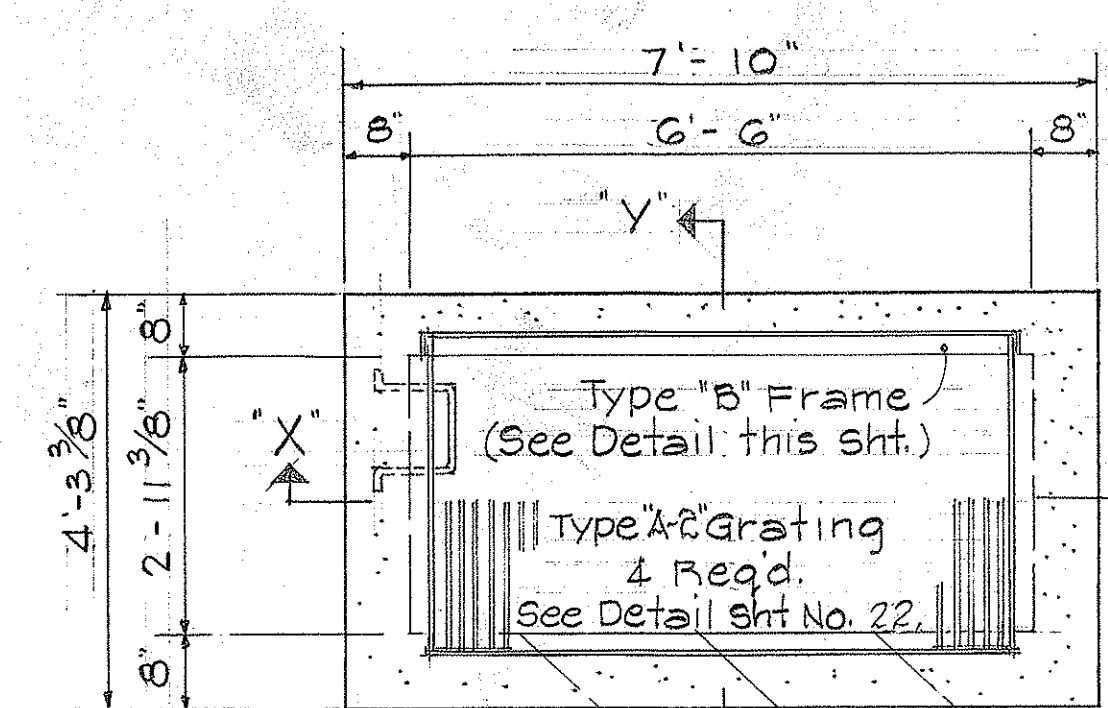


PROFILE

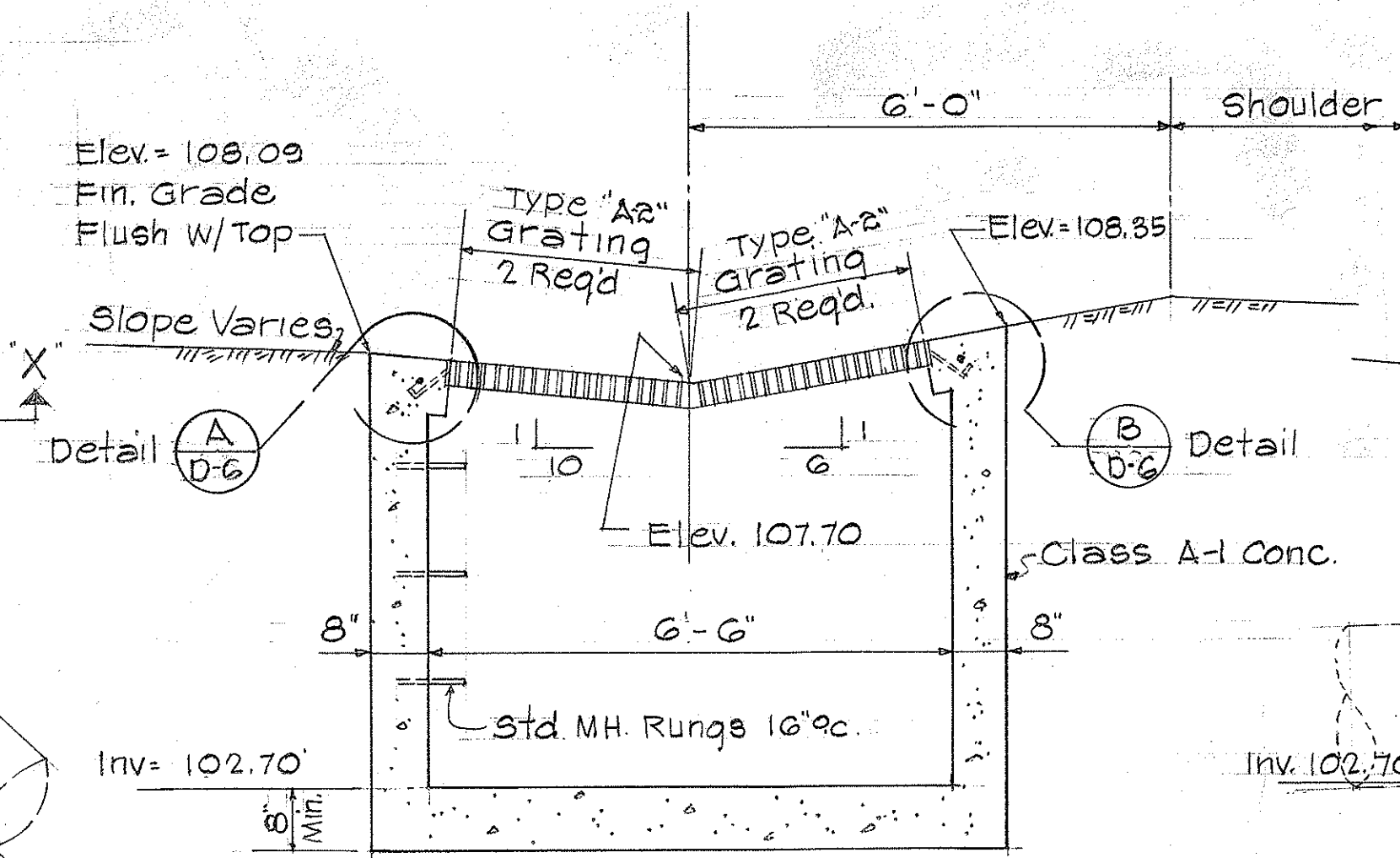
Scale: Horiz. 1" = 20'
Vert. 1" = 10'



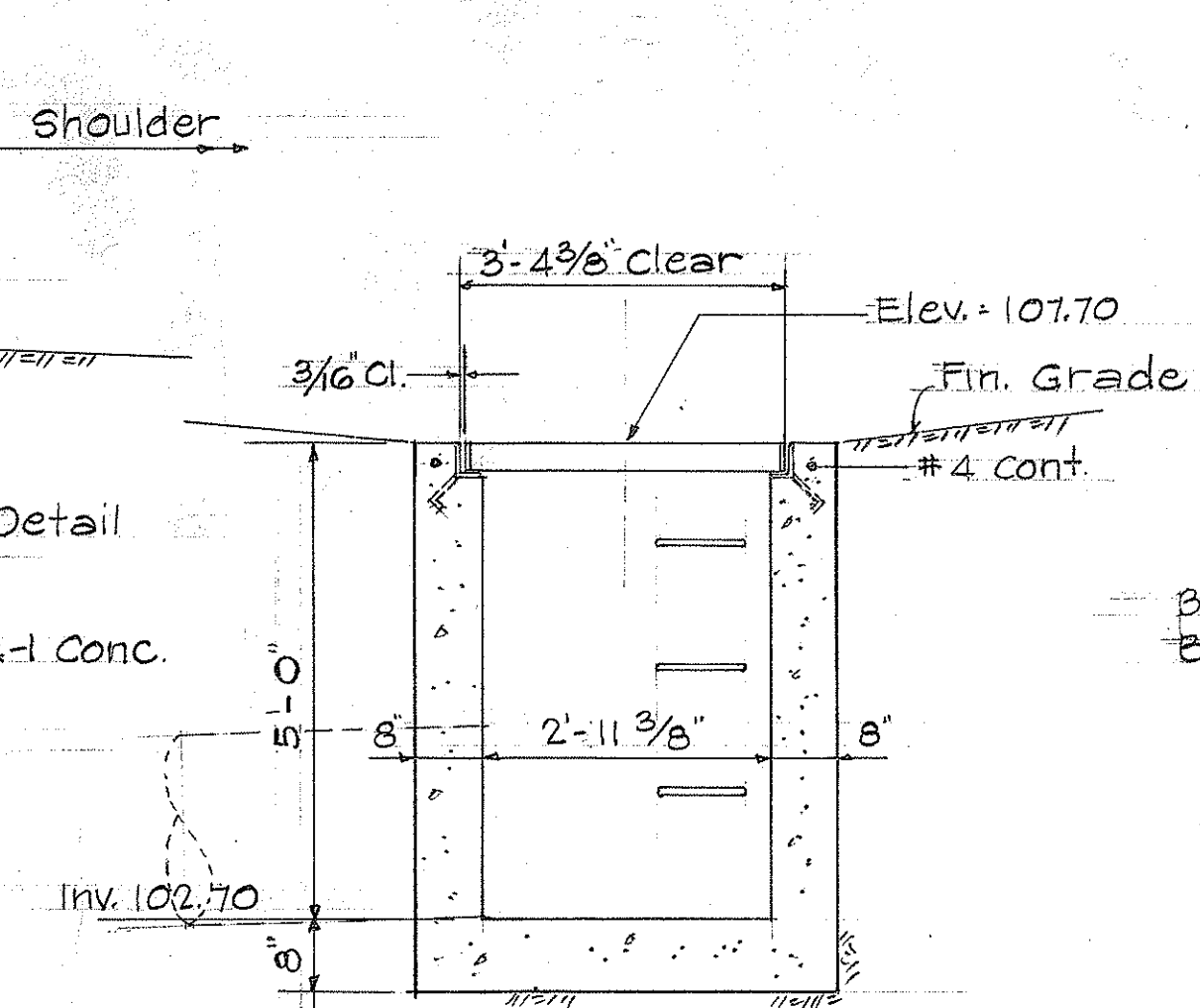
SECTION "Z-Z"
TYPE "B" STEEL FRAME
Scale: 3/4" = 1'-0"



PLAN

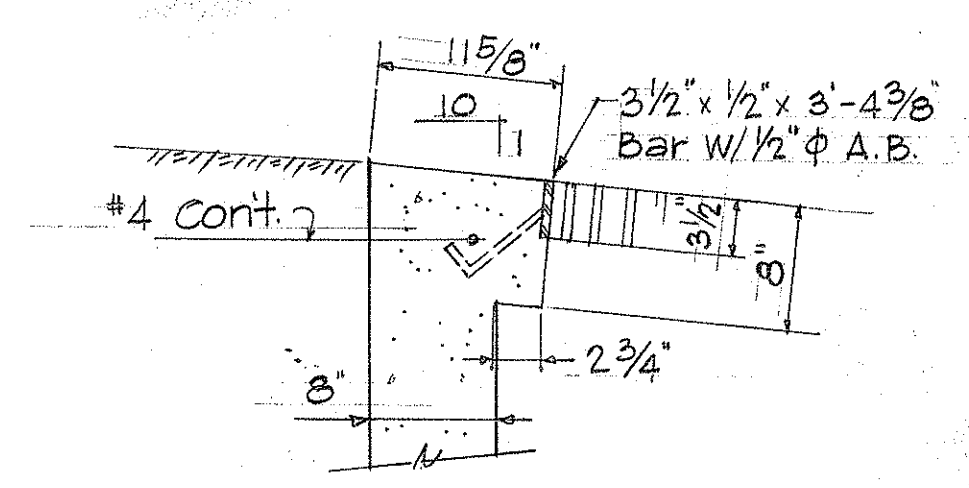


SECTION "X-X"

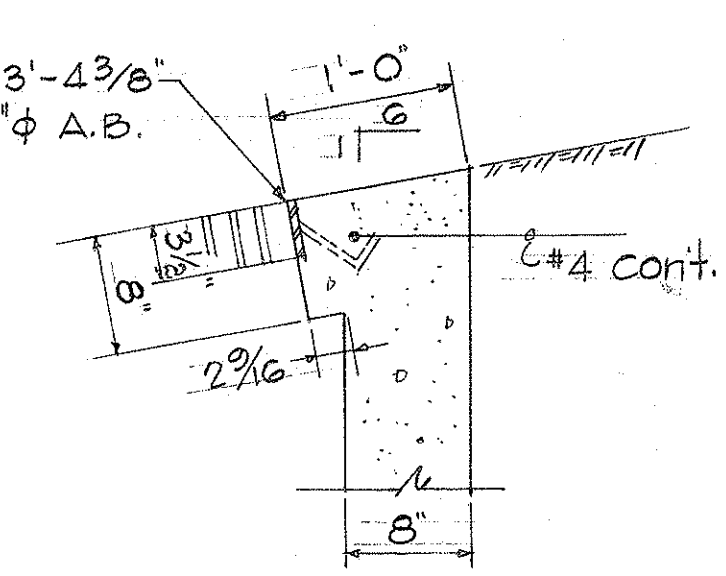


SECTION "Y-Y"

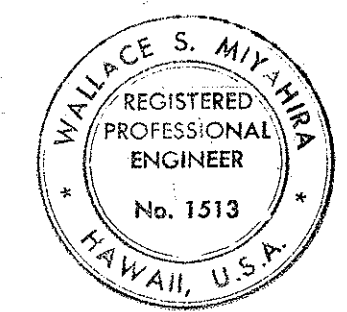
TYPE "B" GRATED CONCRETE DROP INTAKE
Scale: 1/2" = 1'-0"



DETAIL A
Scale: 1" = 1'-0"



DETAIL B
Scale: 1" = 1'-0"



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Wallace S. Miyahara

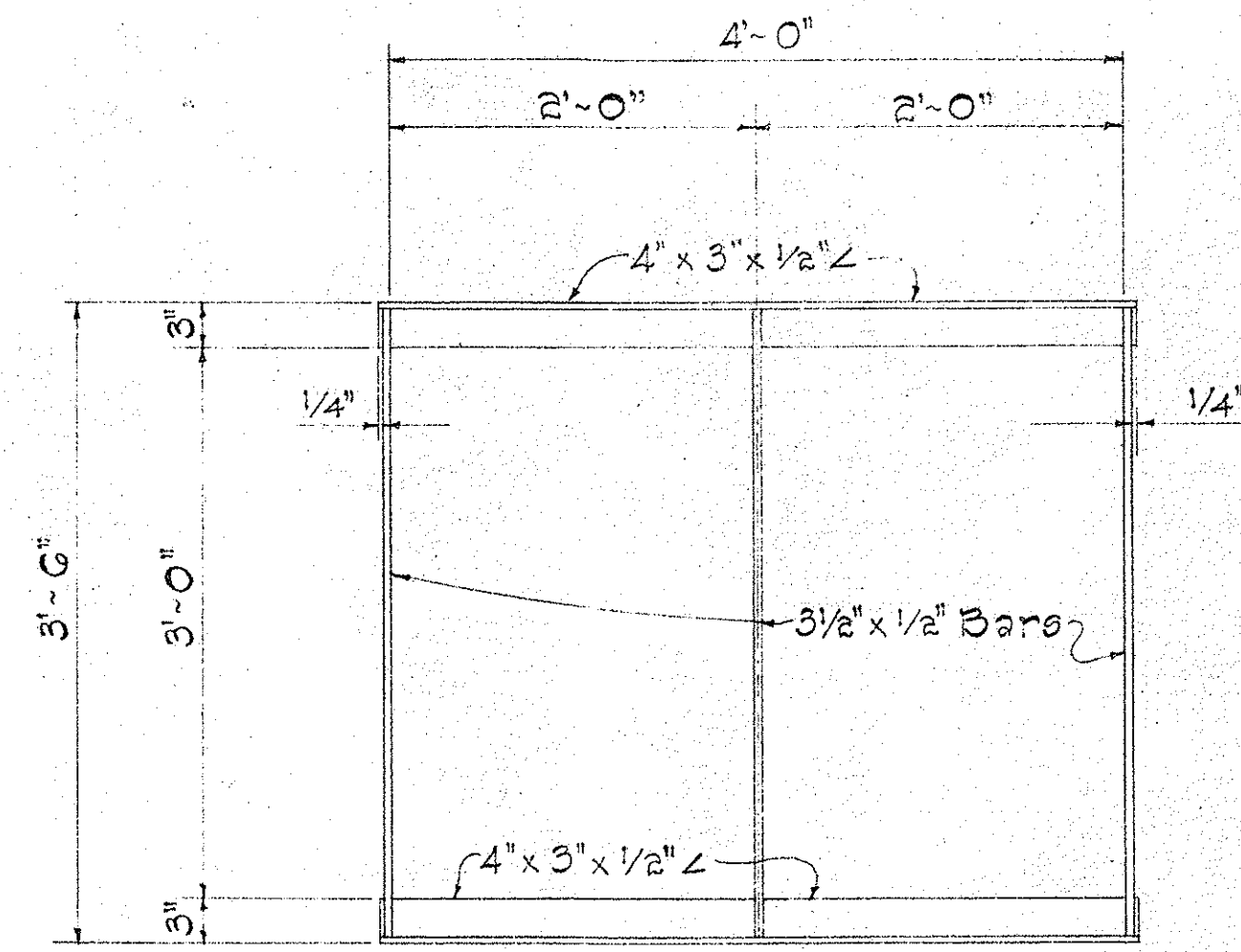
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE LAYOUT & DETAILS
CURB RETURN @
RAMP "K-1" & MOKAPU SADDLE ROAD

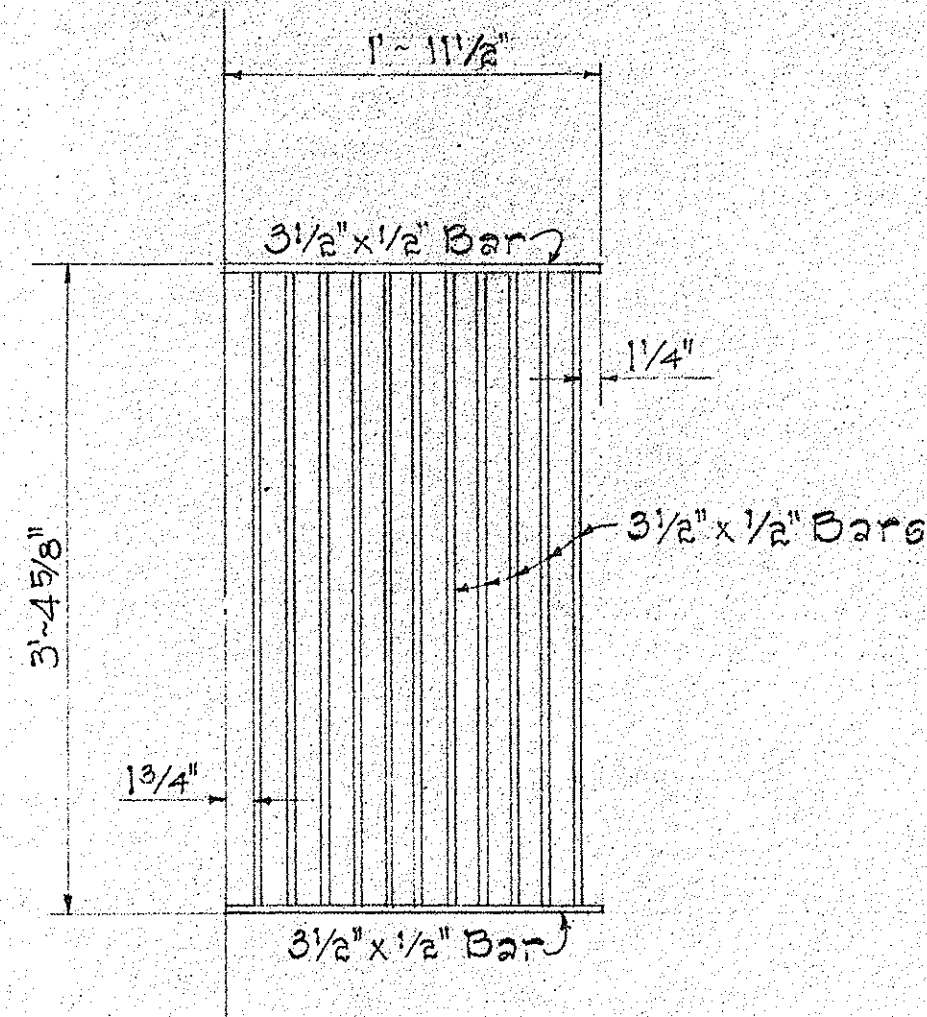
F.A.I. Proj. No. I-H3-1(7):13, I-H3-1(2):8
Scale: As Shown Date: Jan. 1968
SHEET No. D-6 OF 9 SHEETS

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

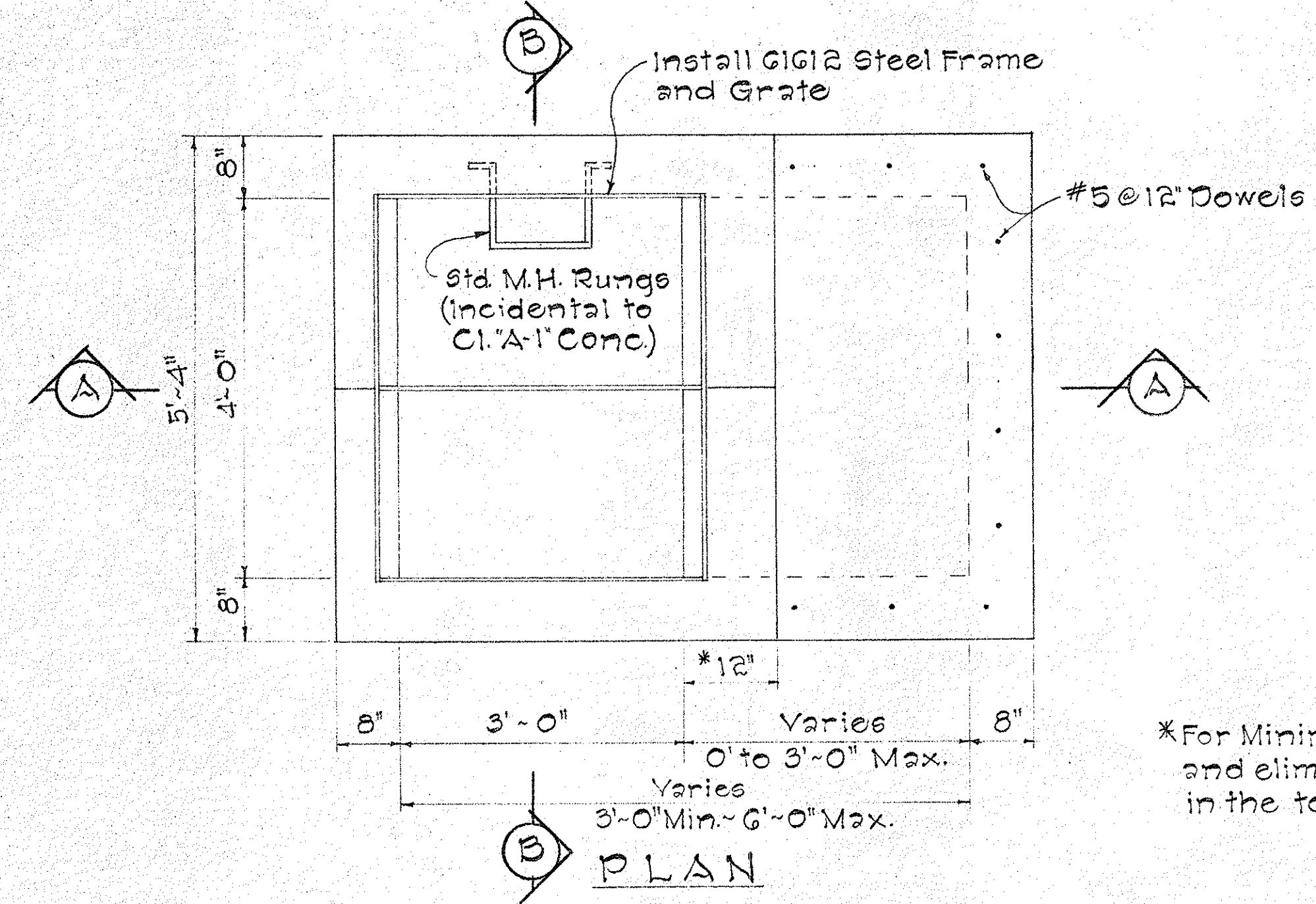
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(7)13 I-H3-1(2)13	1968	25	36



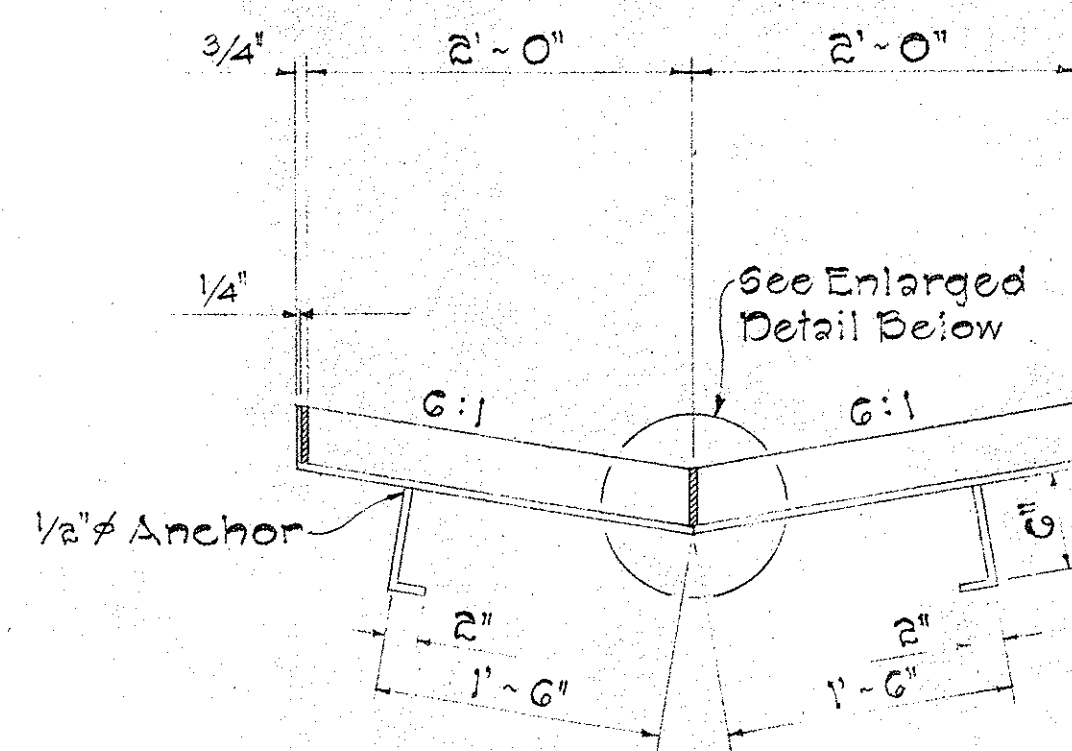
PLAN
Scale: 1" = 1'-0"



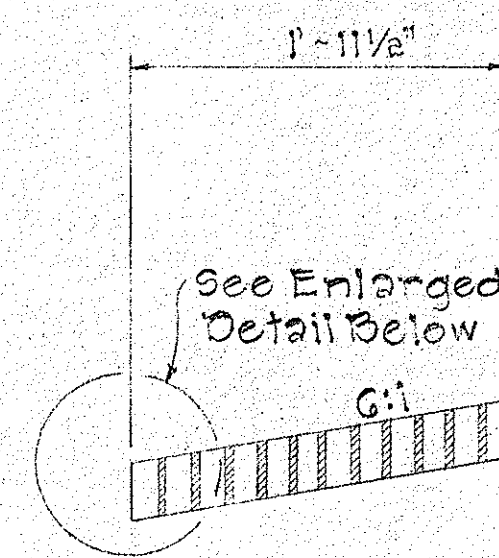
PLAN
Scale: 1" = 1'-0"



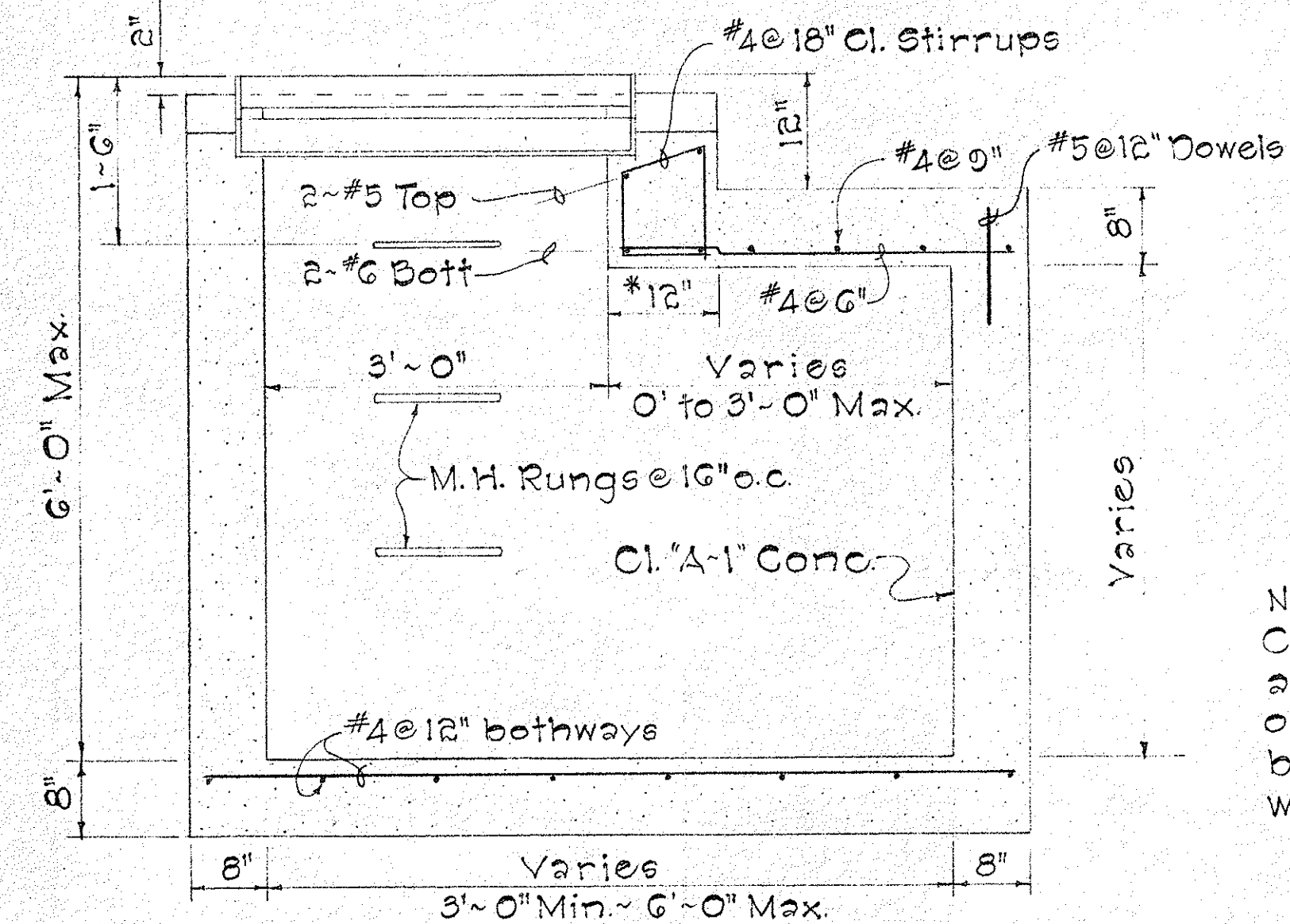
*For Minimum size box of 3'-0" only use 8" and eliminate reinforcing steel shown in the top portion.



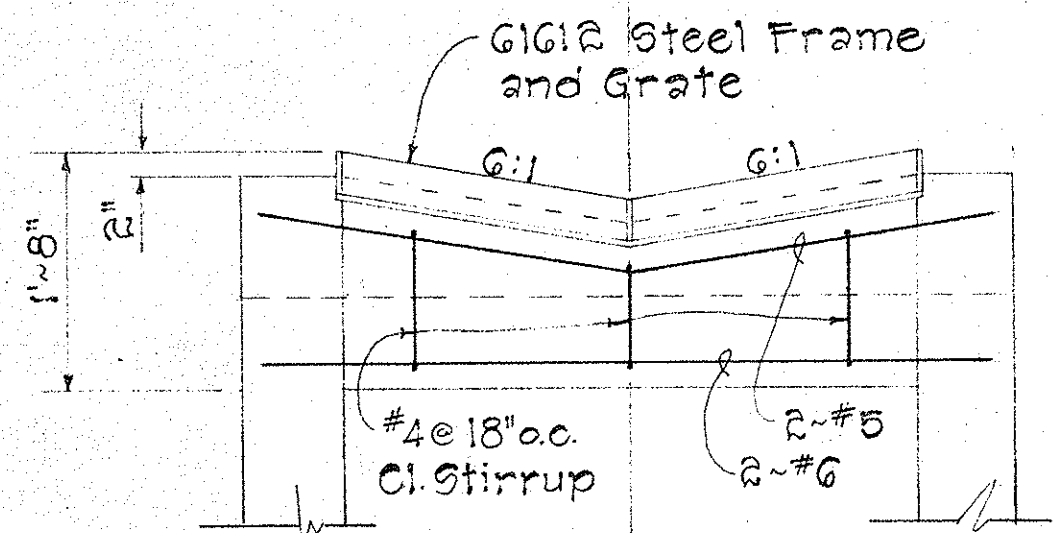
SECTION
Scale: 1" = 1'-0"



SECTION
Scale: 1" = 1'-0"



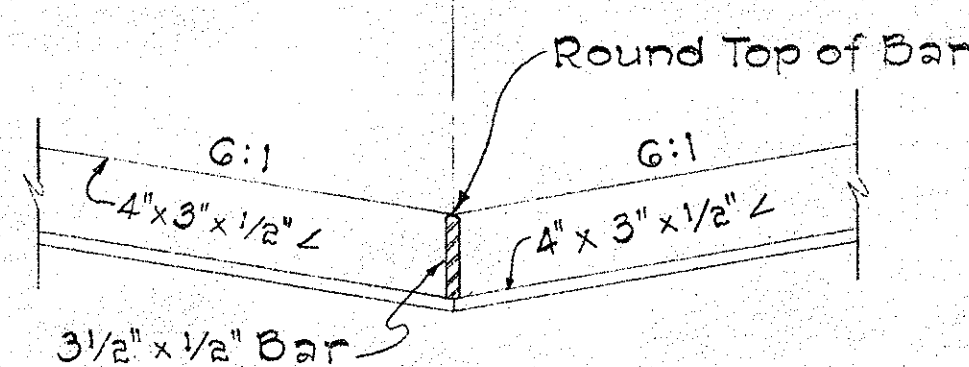
SECTION "A-A"
SHOULDER CONCRETE DROP INTAKE
Scale: 3/4" = 1'-0"



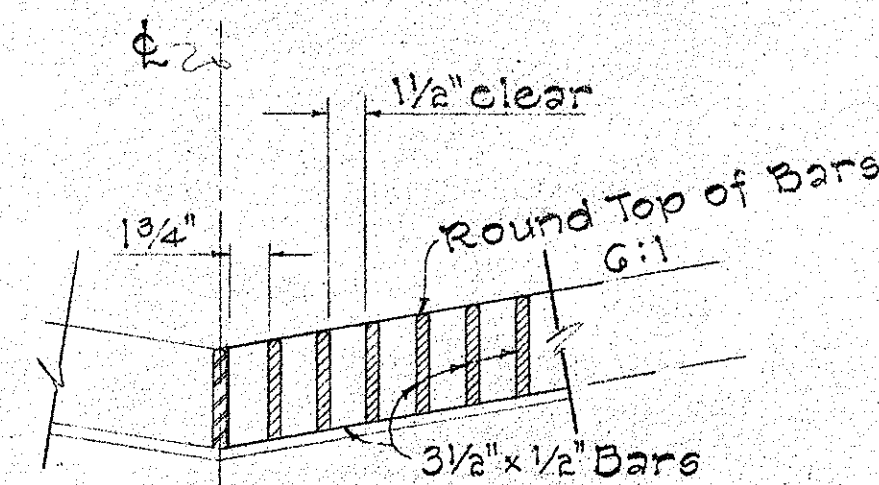
SECTION "B-B"

NOTE:
Culvert shall leave C.D.I. from any position and any direction indicated by plans or ordered by the Engineer. Culvert may both enter and leave C.D.I. so that C.D.I. will act as manhole.

- NOTES:
- All welds 3/8" unless otherwise noted.
 - Grates and Frame shall be hot dip galvanized after fabrication, see specifications.
 - The various materials shall conform to the specifications of ASTM Designation Structural Steel A 283, Grade D and the Standard Specifications.

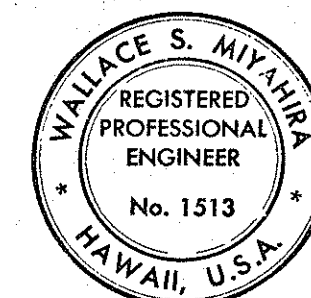


FRAME
Scale: 1 1/2" = 1'-0"



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

DETAILS OF GIG12 STEEL FRAME AND GRATES



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

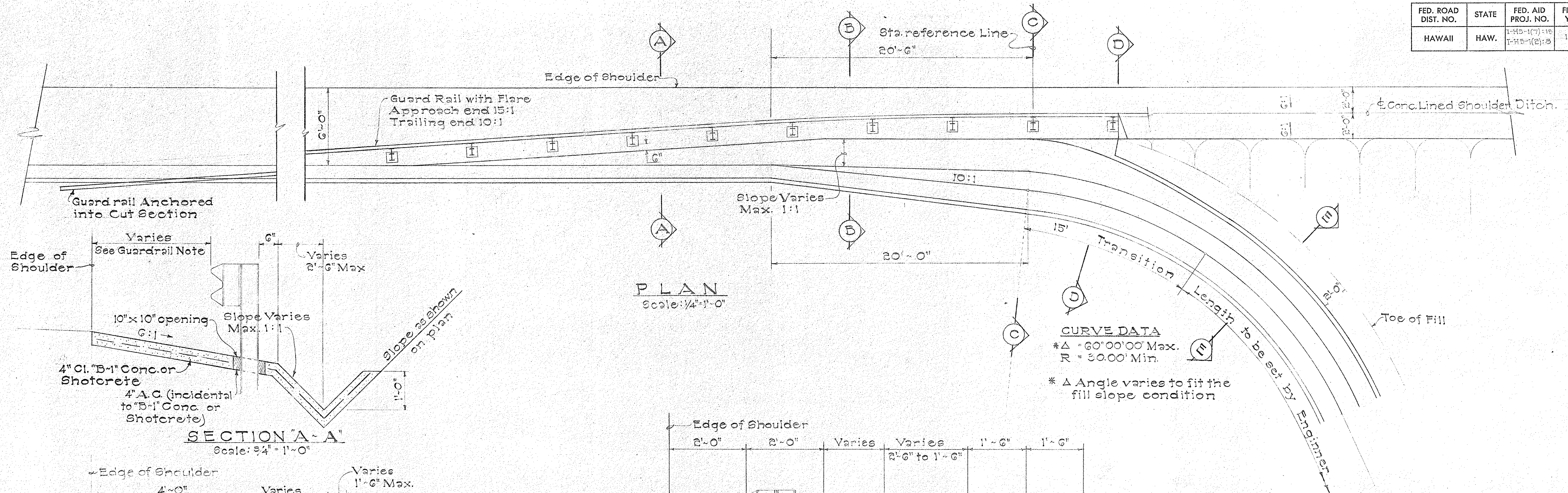
DETAILS OF
SHOULDER CONG. DROP INTAKE
GIG12 STEEL FRAME & GRATE

F.A.I. Proj. No. I-H3-1(7)13, I-H3-1(2)13
Scale: As Shown Date: Dec. 1968

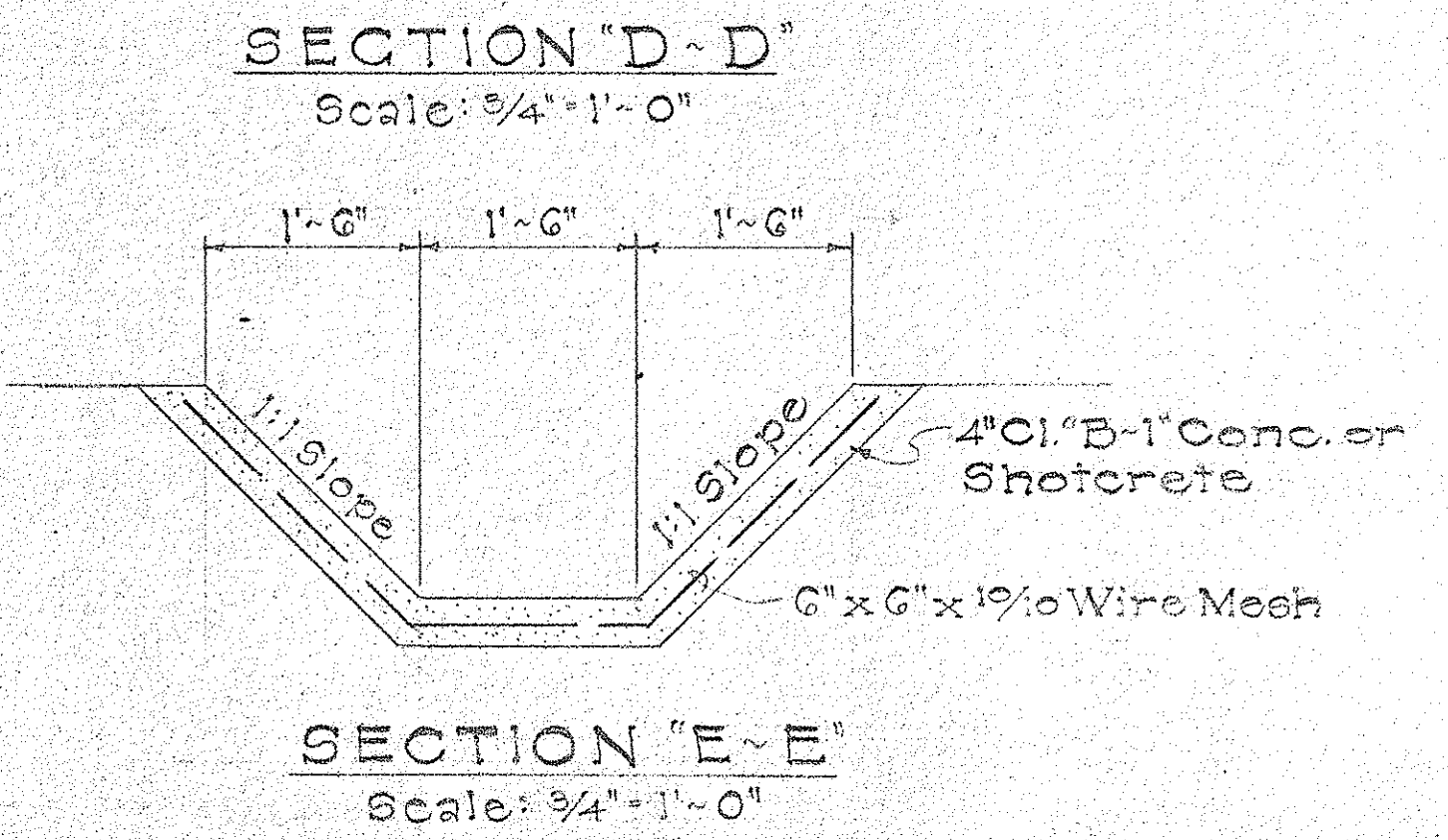
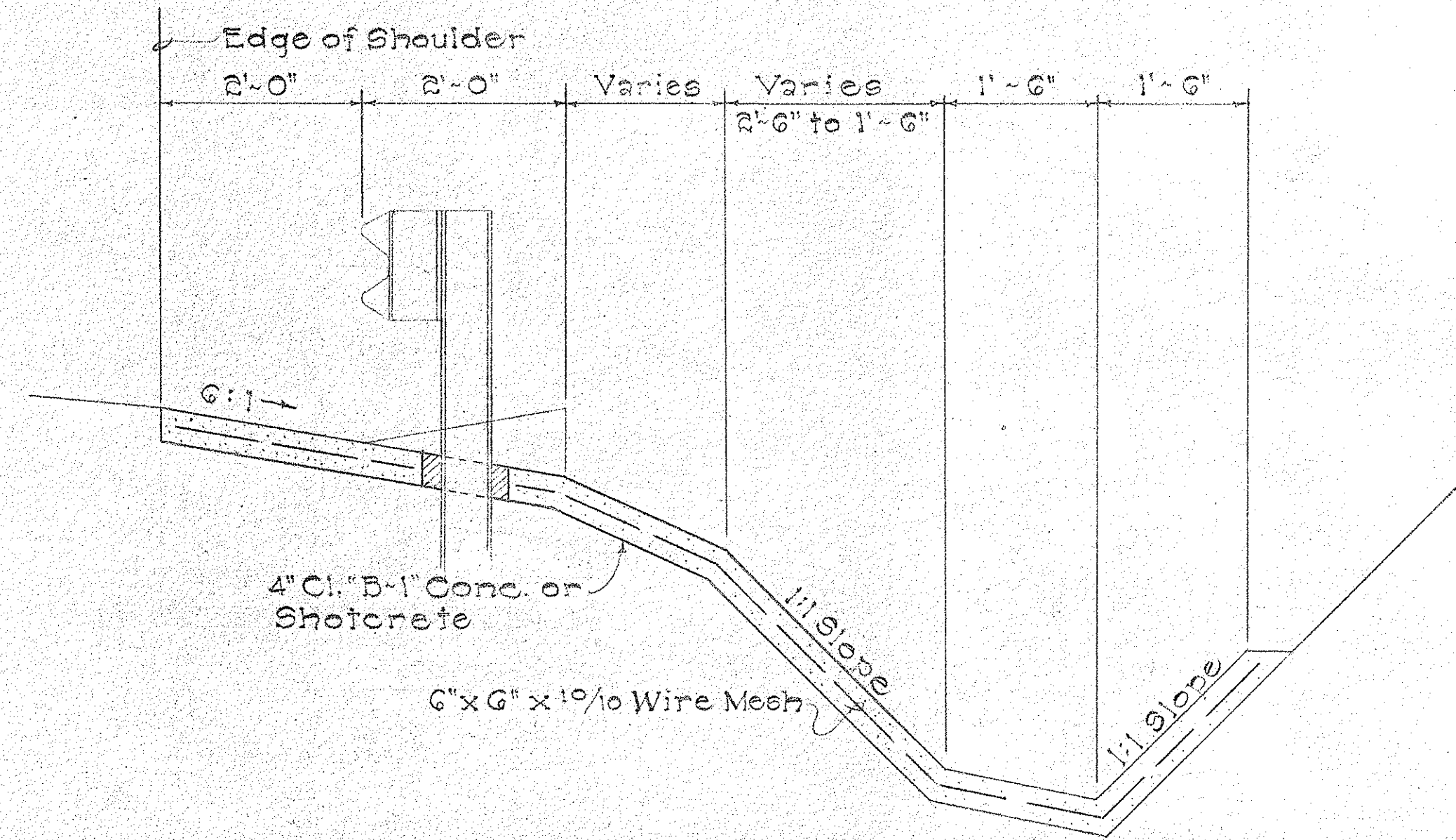
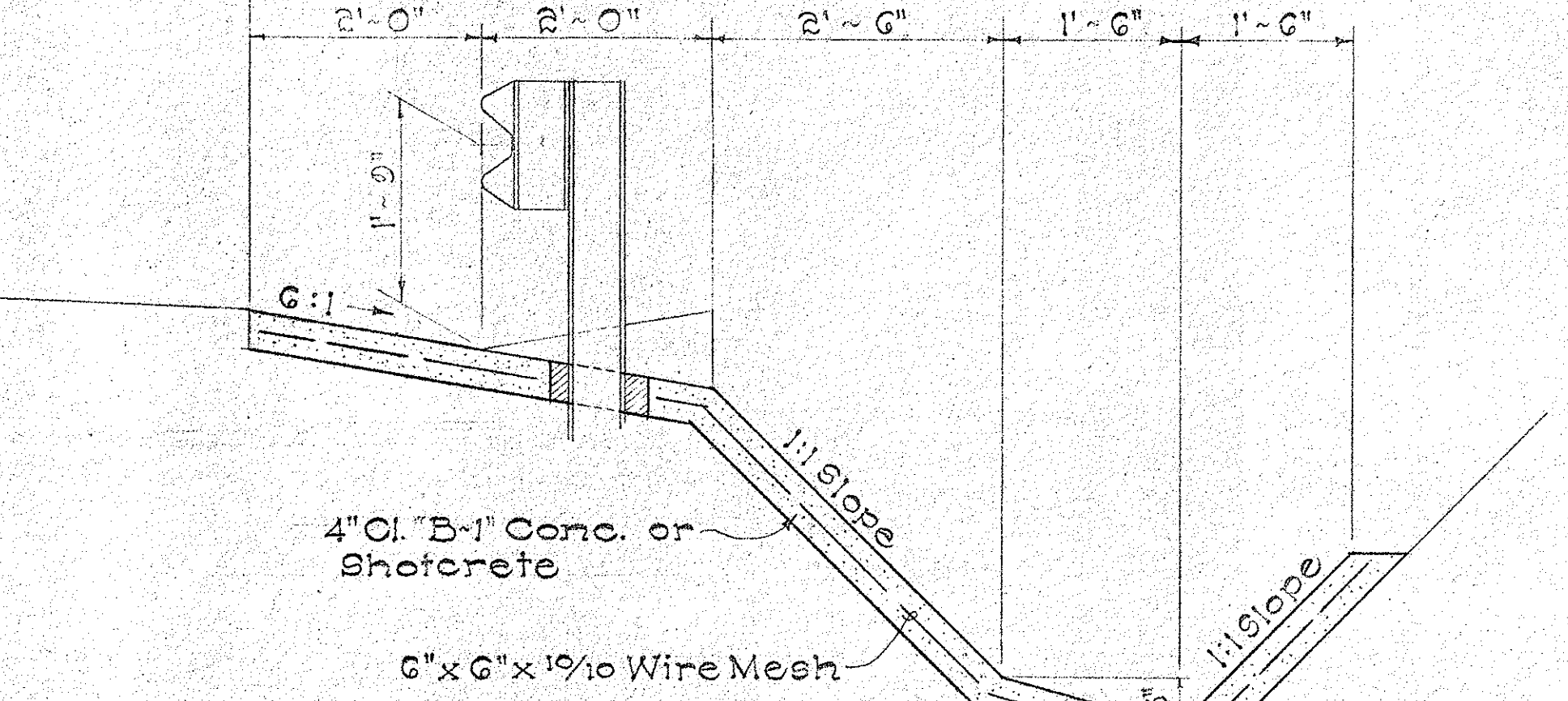
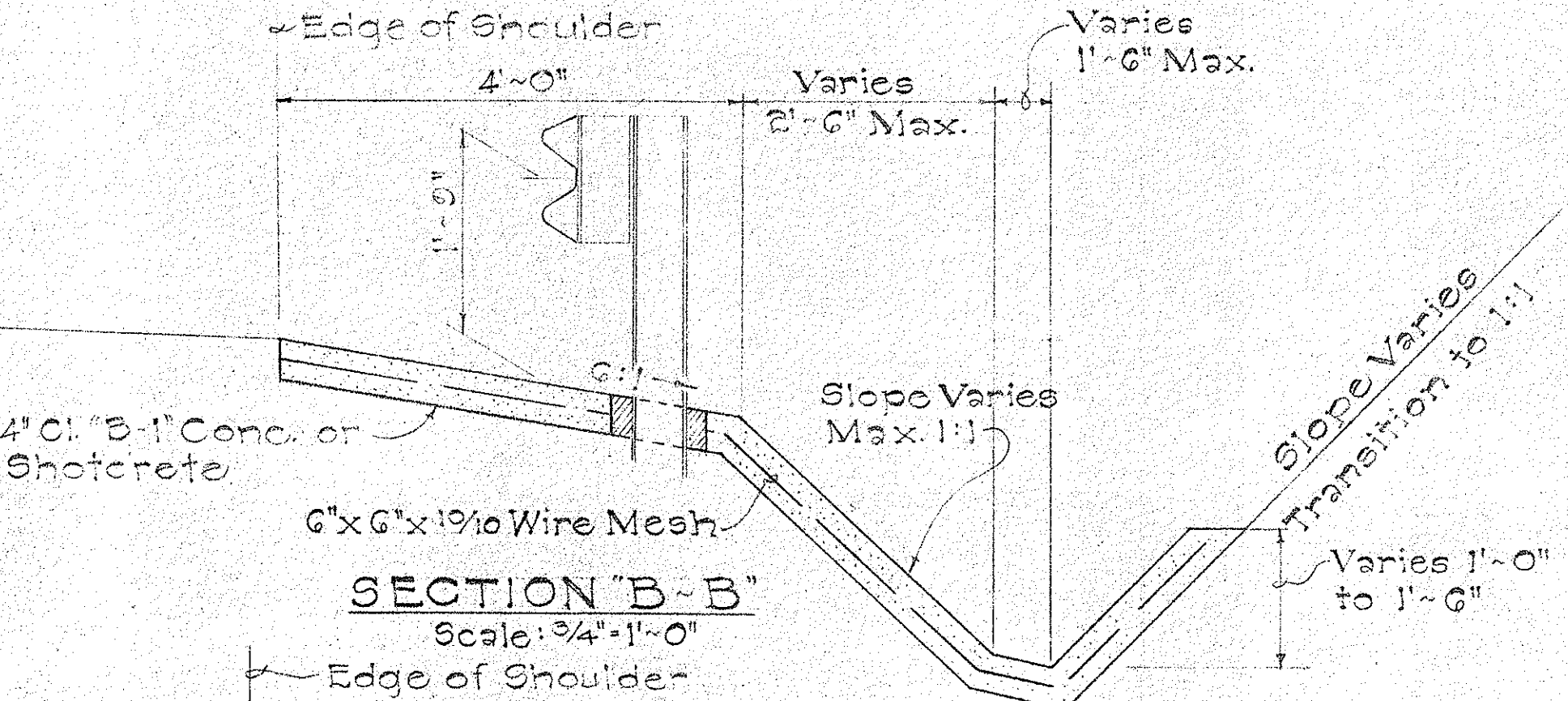
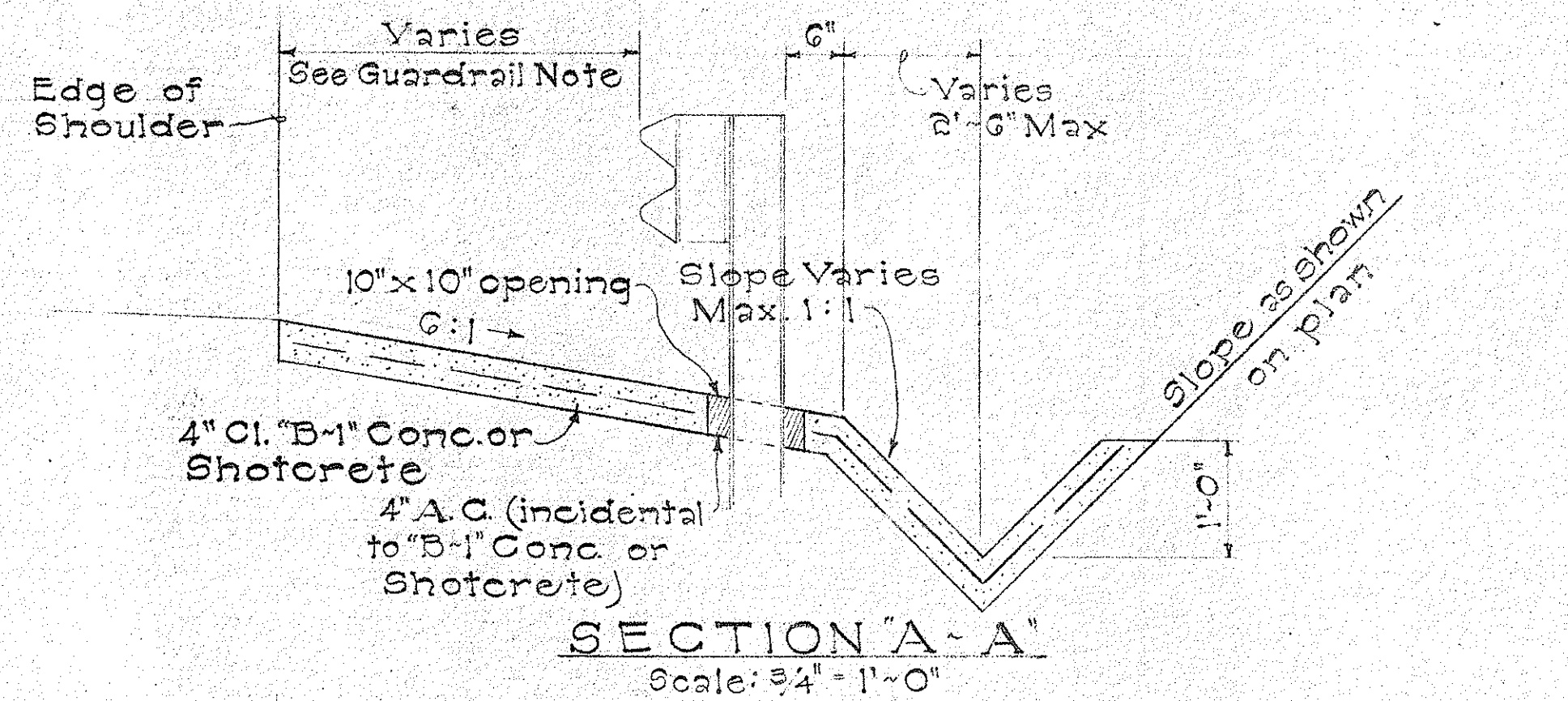
SHEET No. 25 OF 36 SHEETS

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
ORIGINAL	
PLAN	
NOTE BOOK	
No.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HS-1(7)-18 I-HS-1(2)-8	1968	26	36



CURVE DATA
 * $\Delta = 60^\circ 00' 00''$ Max.
 R = 30.00' Min.
 * Δ Angle varies to fit the fill slope condition

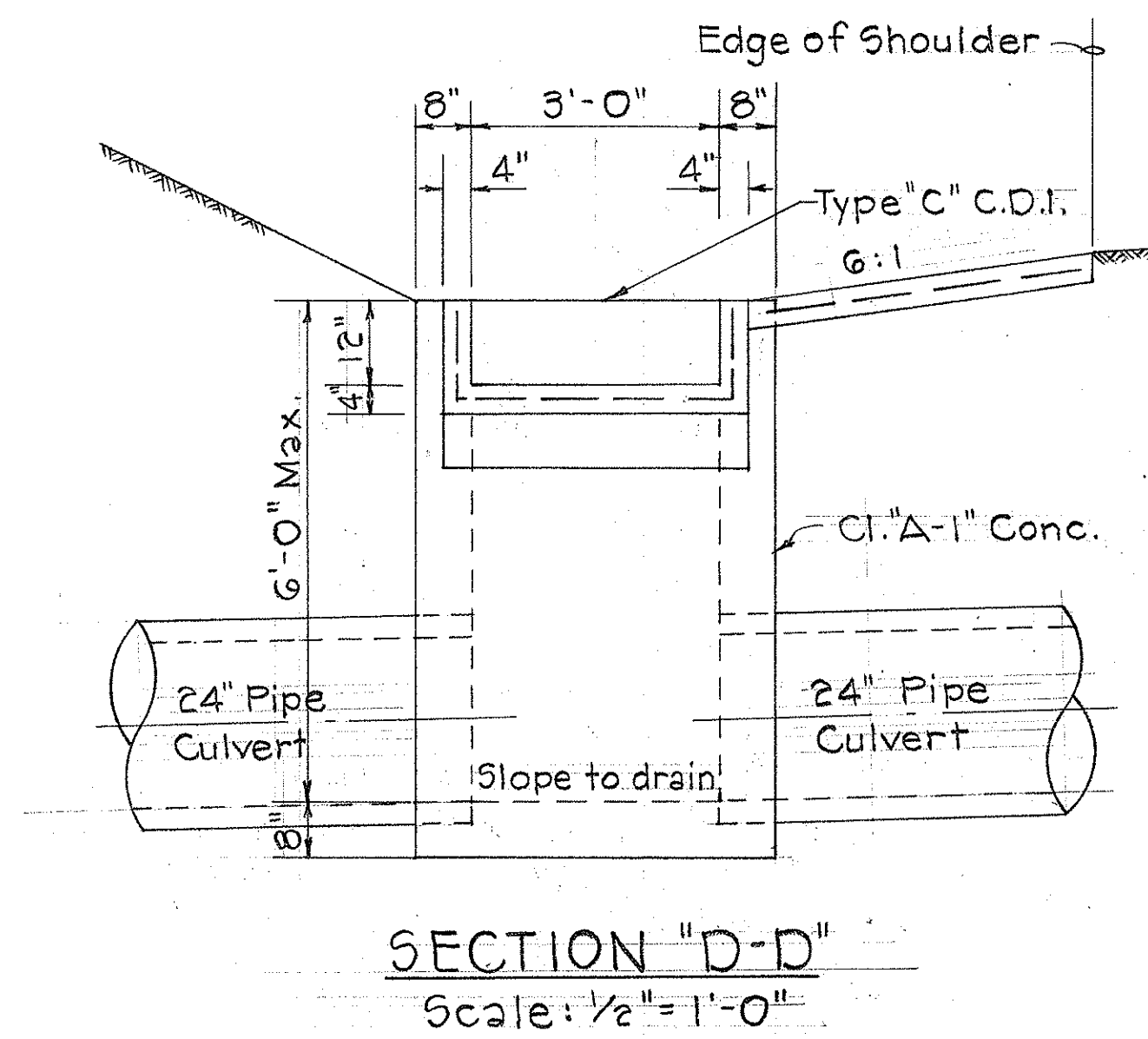
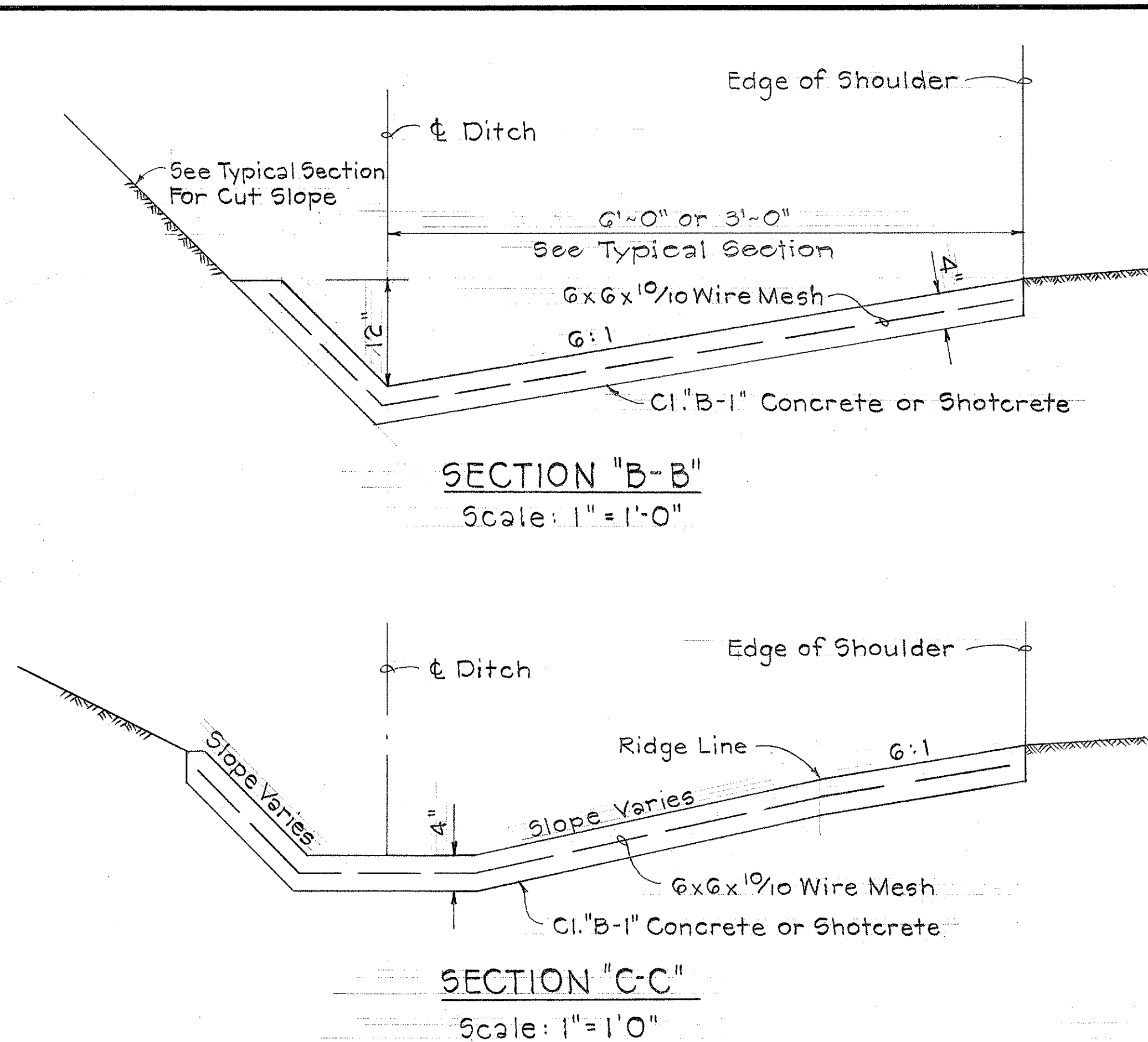
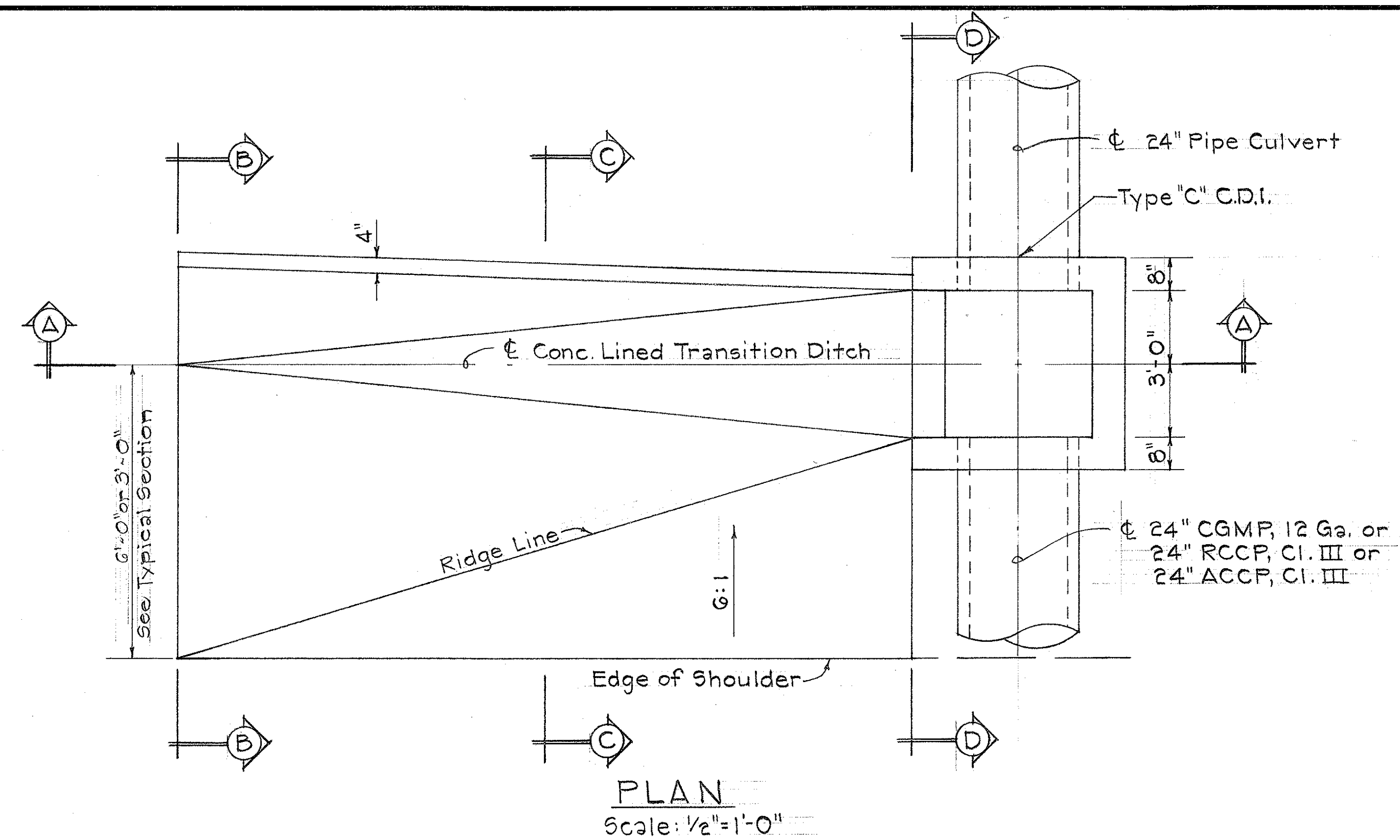


SURVEY PLANNED BY	DATE
DRAWN BY	
TRACED BY	
NOTED BY	
CHECKED BY	
NO.	

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
DRAINAGE DETAILS
CONCRETE SPILLWAY
 F.A.I. Proj. No. I-HS-1(7)-18, I-HS-1(2)-8
 Scale: As Shown Date: April, 1969
 SHEET No. 26 OF 36 SHEETS

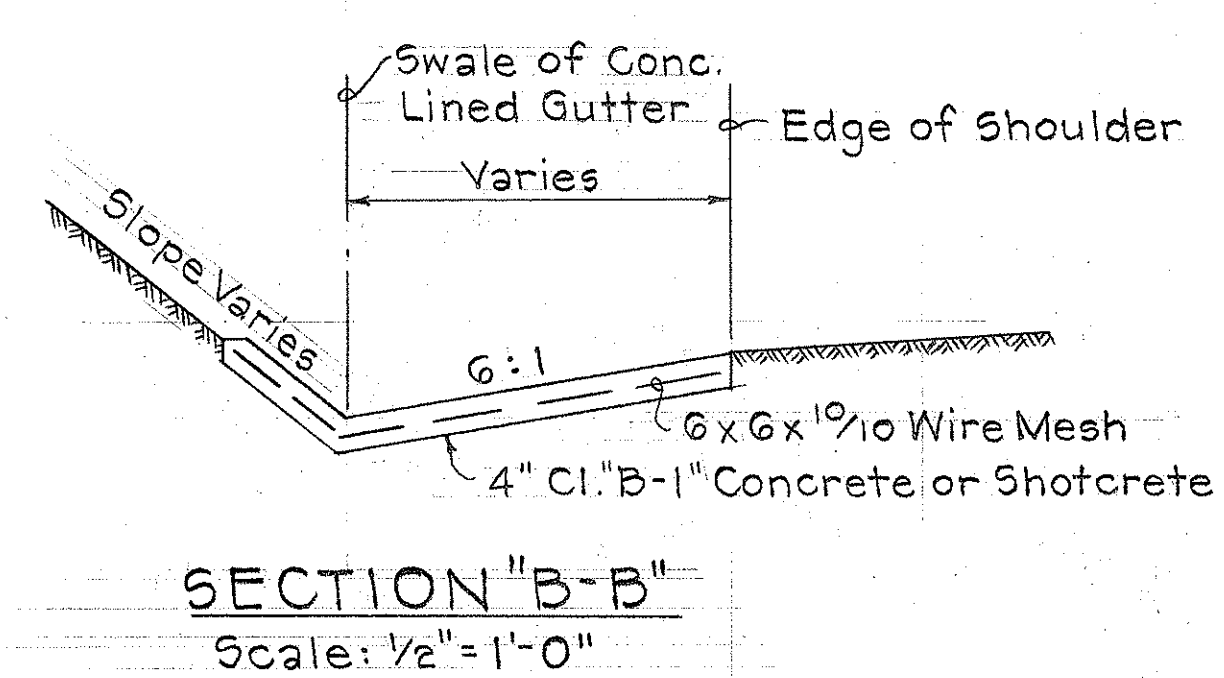
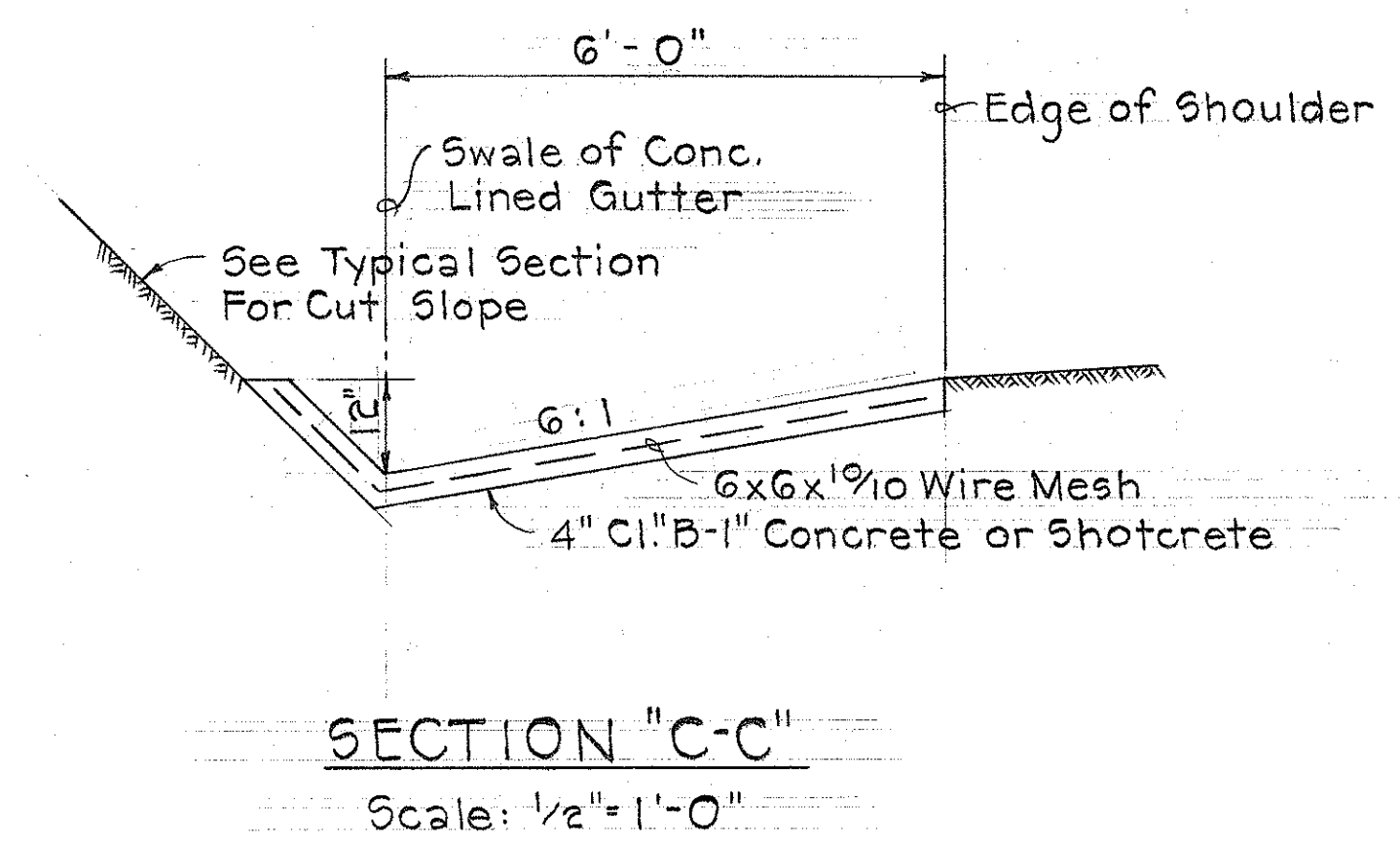
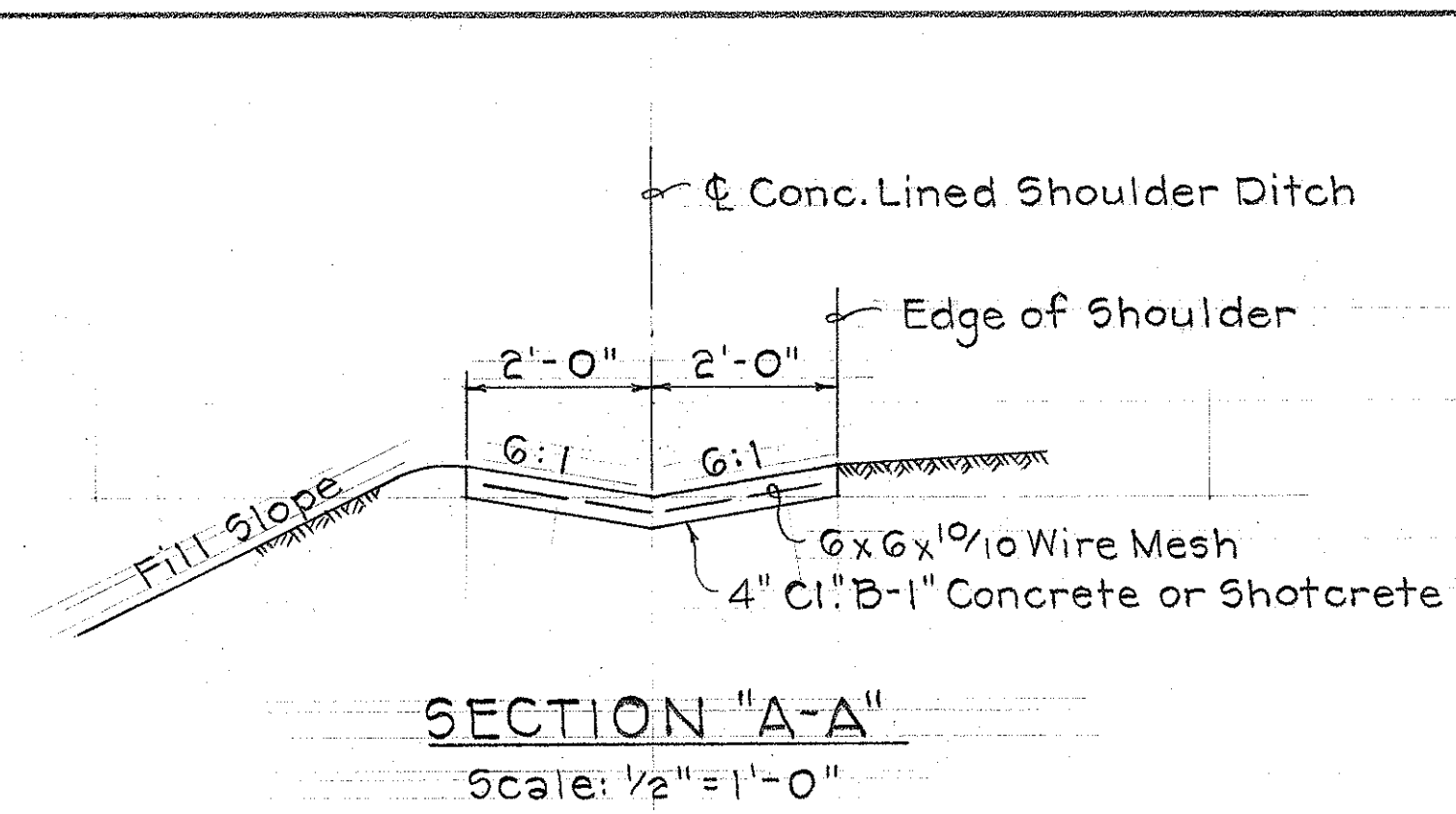
26 109

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(7)13 I-H3-1(2)8	1968	27	86

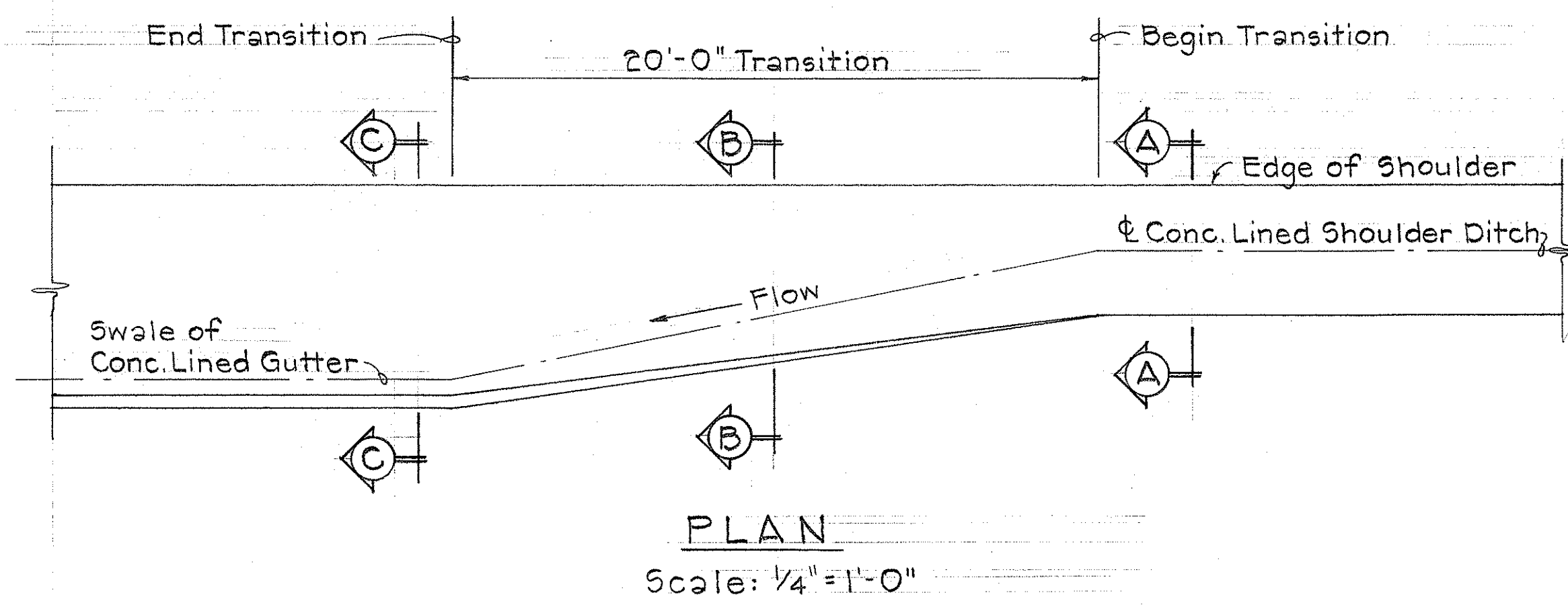


NOTE: Culvert shall leave C.D.I. from any position and any direction indicated by plans or ordered by the Engineer. Culvert may both enter and leave C.D.I. so that C.D.I. will also act as Manhole.

DETAILS OF TYPE "C" C.D.I.



NOTE: Reverse plan view if direction of flow is in the opposite direction.



TRANSITION FROM FILL SECTION TO CUT SECTION OF SHOULDER DITCH

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
DRAINAGE DETAILS
TYPE "C" C.D.I. AND
SHOULDER DITCH TRANSITION
F.A.I. Proj. No. I-H3-1(7)13, I-H3-1(2)8
Scale: As Shown Date: April, 1969
SHEET No. 27 OF 86 SHEETS