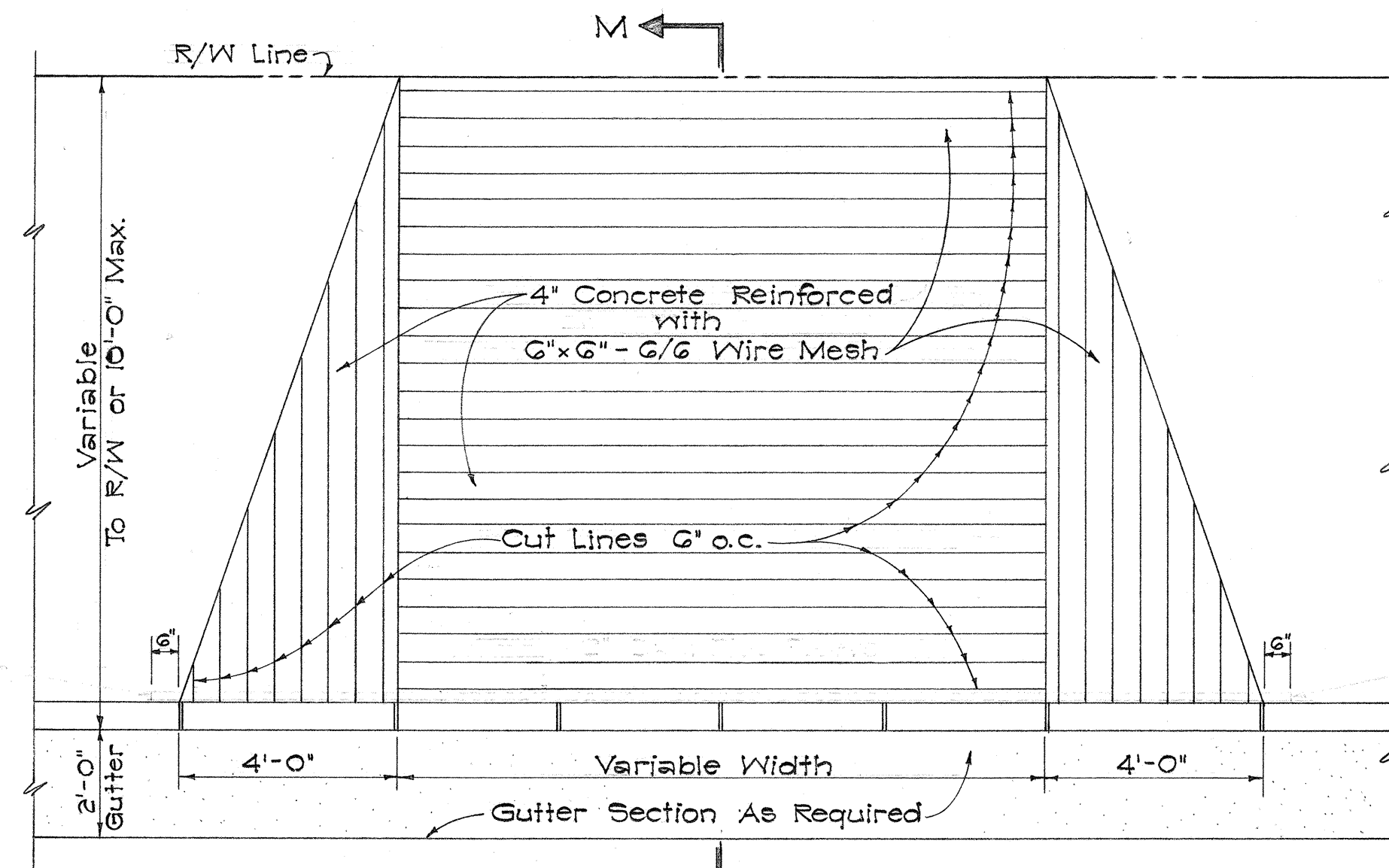
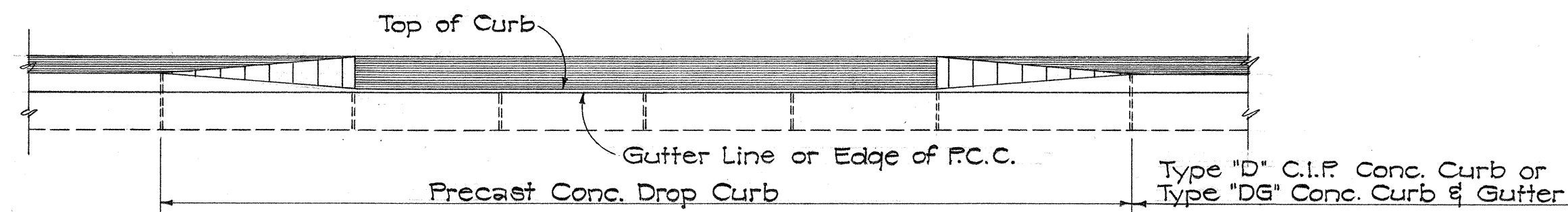


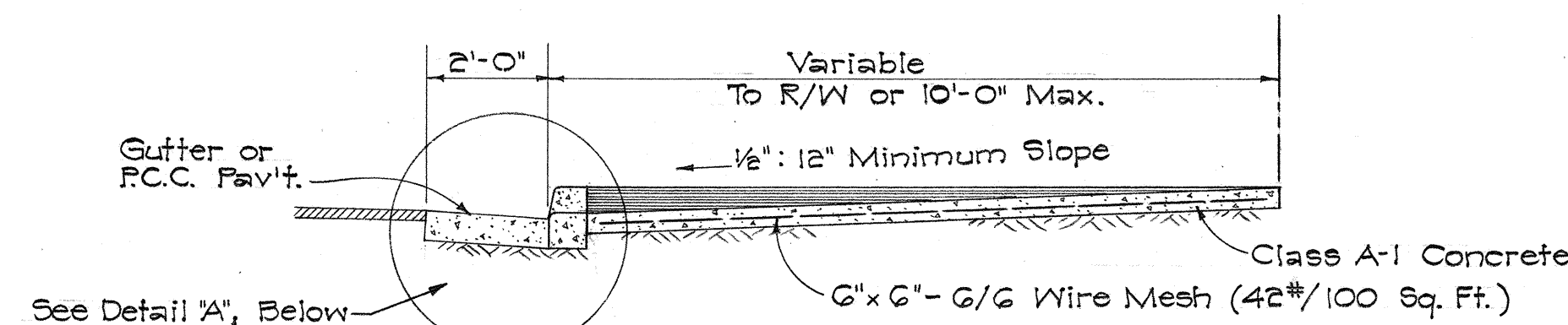


PLAN
SCALE: 3/8"=1'-0"

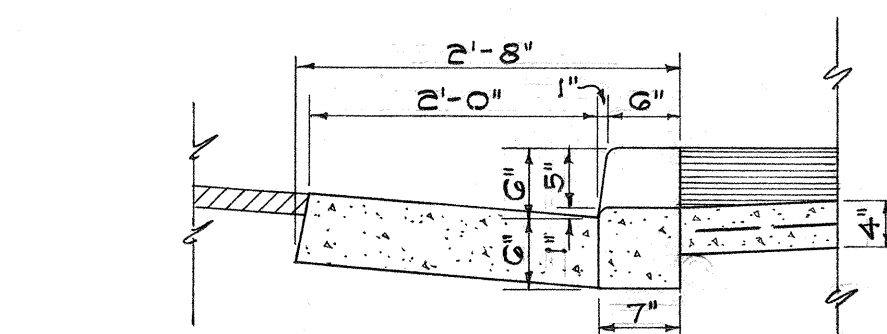
NOTE:
Precast conc. curbs and Type "F" conc. gutter at Drop Off will be paid for as Cast-in-place conc. curb or gutter of the type adjacent to the Drop Off.



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

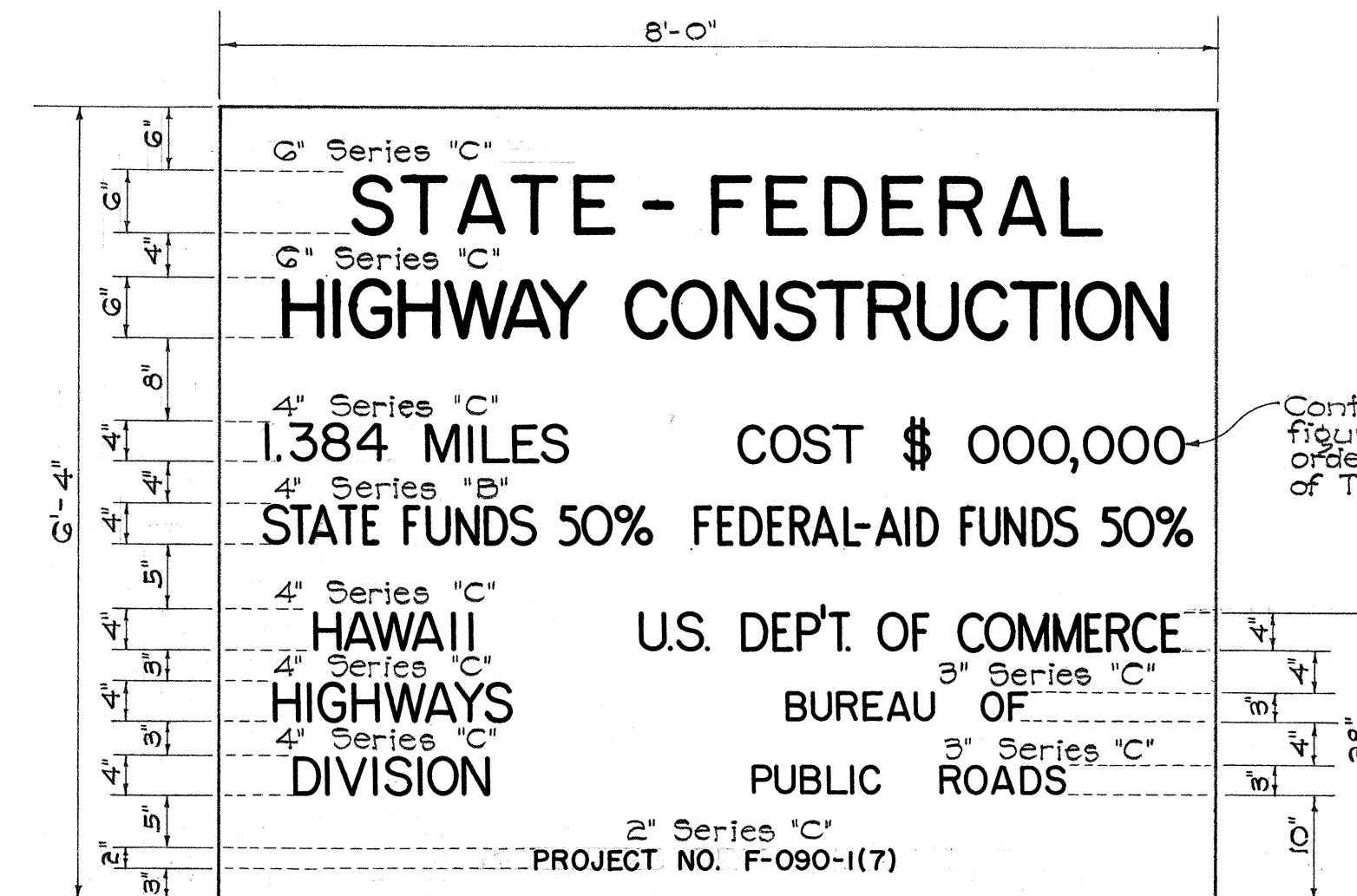


SECTION M-M
SCALE: 3/8"=1'-0"

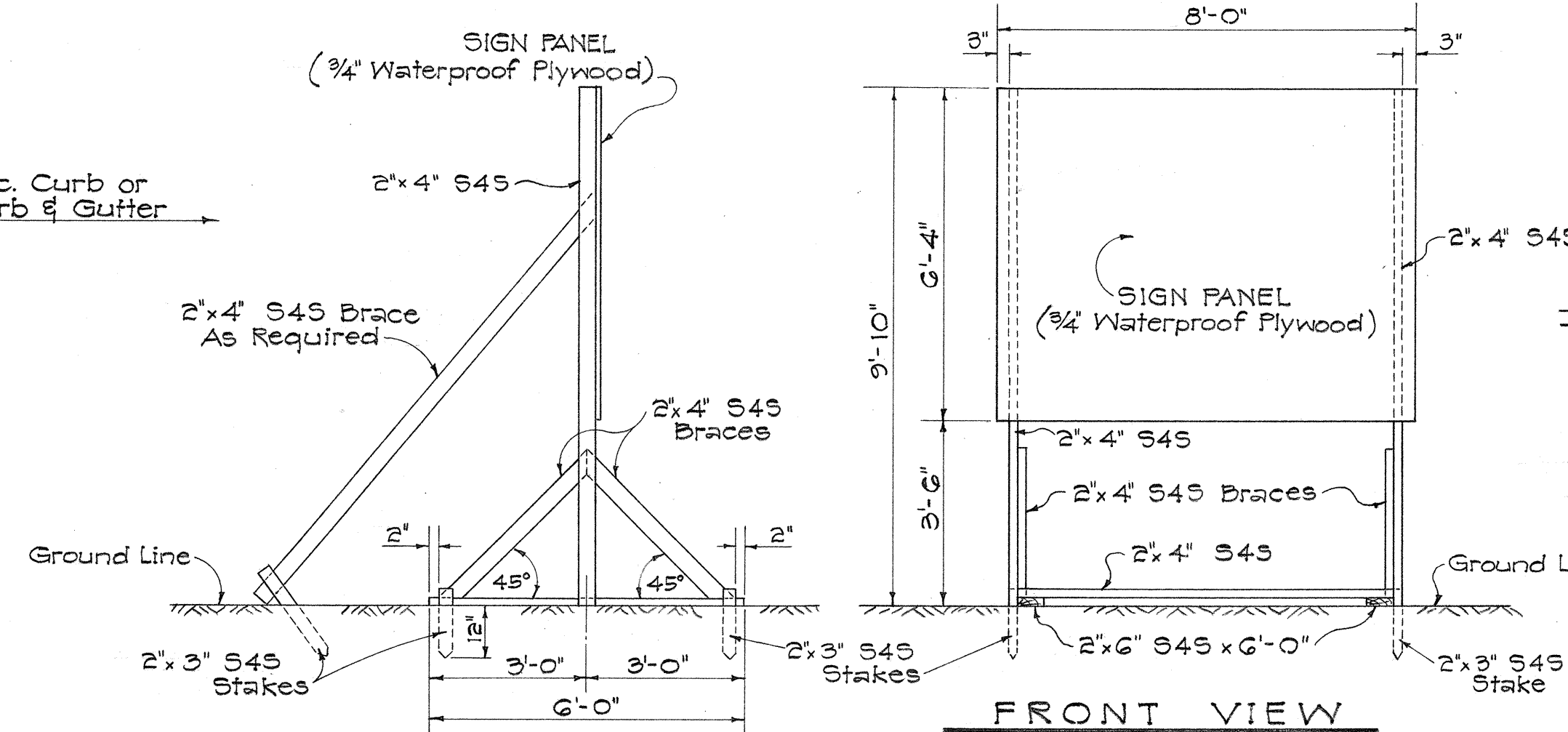


DETAIL "A"
SCALE: 3/4"=1'-0"

DETAIL OF REINFORCED CONCRETE DRIVEWAYS
SCALE: AS NOTED



PLAN
SCALE: 3/4"=1'-0"



SIDE VIEW

ELEVATIONS

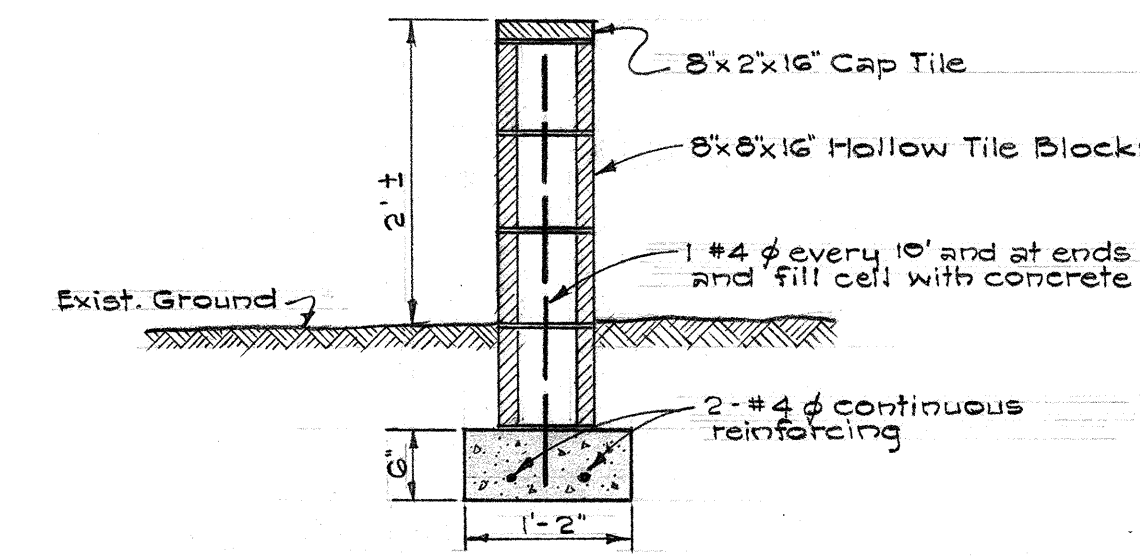
SCALE: 3/8"=1'-0"

PRIMARY SYSTEM PROJECT SIGN

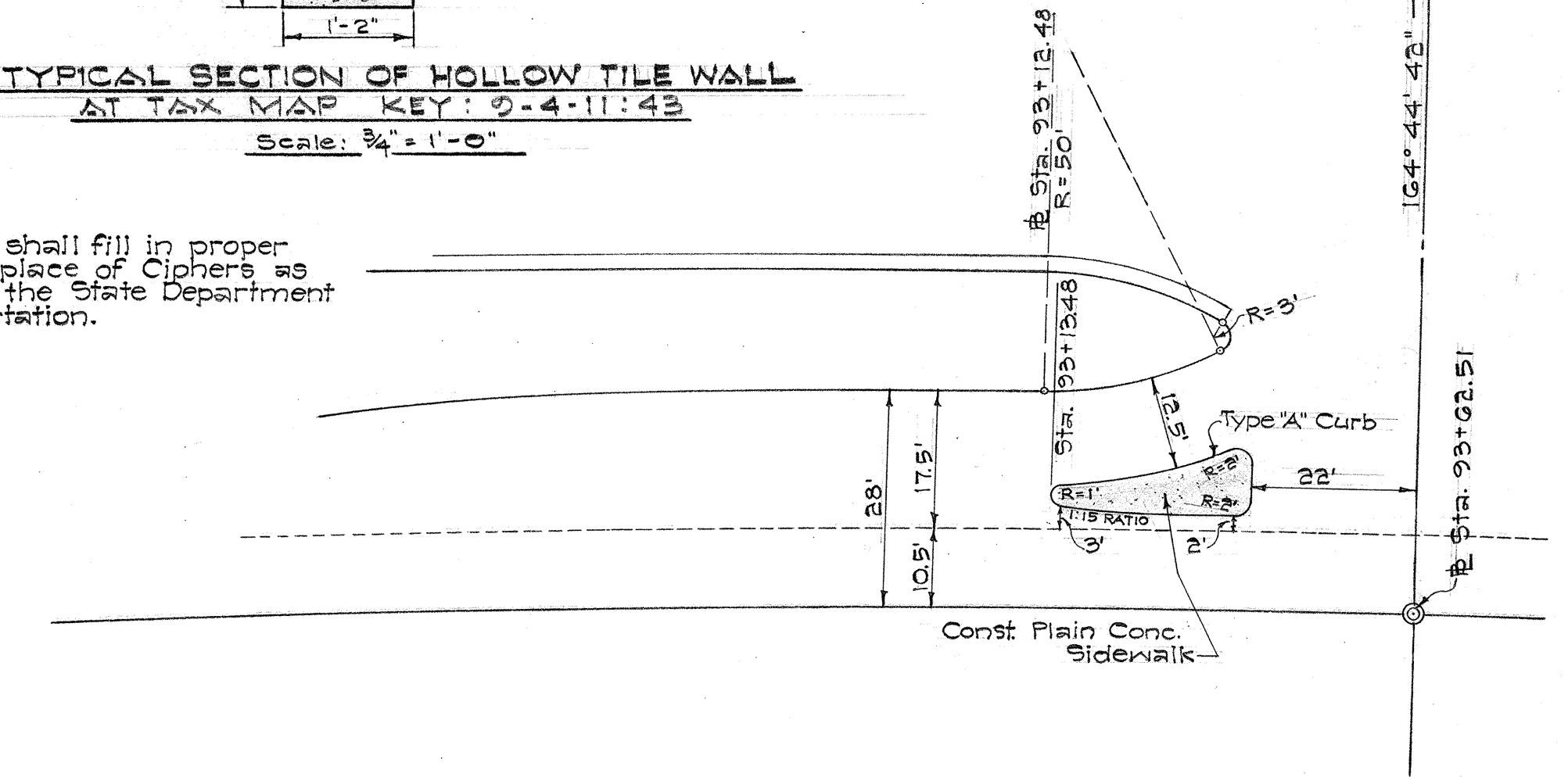
SCALE: AS NOTED

GENERAL NOTES:

- The legend shall be black on white background.
- All letters shall be of size and design shown and conform with "Standard Alphabets for Highway Signs" as set forth by the Public Roads Administration, Federal Work Agency.
- Letters shall be Series "C" sizes as shown, except where noted otherwise on the plan.
- Contractor shall be responsible for maintenance of sign.

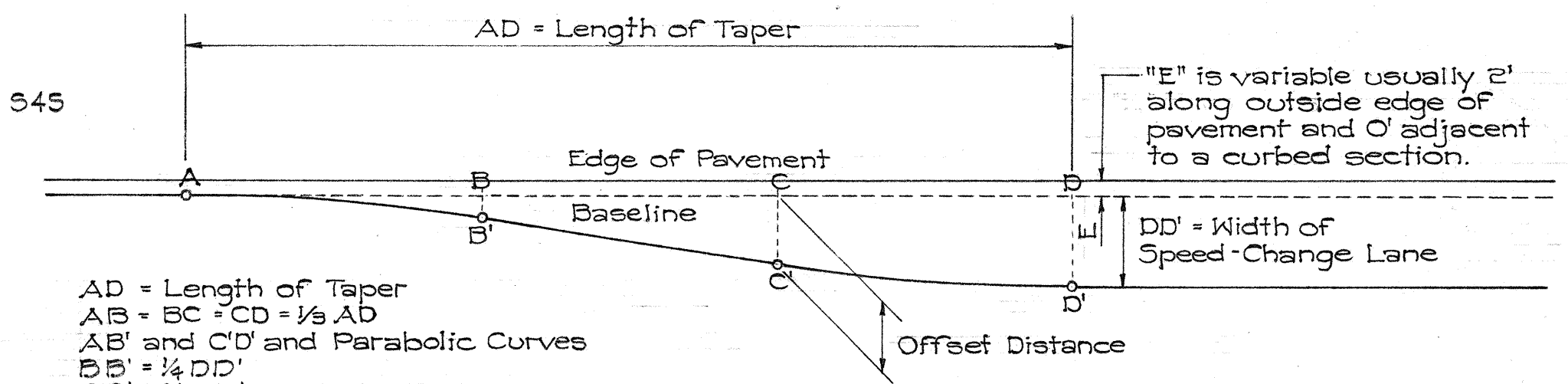


TYPICAL SECTION OF HOLLOW TILE WALL
AT TAX MAP KEY: 2-4-11:43
Scale: 3/4"=1'-0"



DETAIL OF ISLAND AT STA. 93+30

SCALE: 1"=20'-0"



TAPER FOR SPEED-CHANGE LANES

SCALE: 1"=20'-0"

FOLLOWING TABLE GIVES OFFSETS FROM BASELINE PARALLEL TO EDGE OF PAVEMENT AT INTERVALS MEASURED FROM POINT 'A'. ADD 'E' FOR MEASUREMENT FROM EDGE OF PAVEMENT.

DD' = 10 DD' = 12 DD' = 15	LENGTH OF TAPER (FEET) = AD									
	90	120	150	180	210	240	270	300		
DISTANCE FROM POINT "A" (FEET)										
0	0	0	0	0	0	0	0	0	0	0
0.16	0.19	0.24	0.29	0.34	0.39	0.44	0.49	0.54	0.59	0.64
0.62	0.75	0.97	1.25	1.58	1.95	2.34	2.74	3.14	3.54	3.94
1.41	1.69	2.18	2.75	3.39	4.08	4.79	5.50	6.21	6.92	7.63
*250	*300	*350	*400	*450	*500	*550	*600	*650	*700	*750
*800	*850	*900	*950	*1000	*1050	*1100	*1150	*1200	*1250	*1300
*1350	*1400	*1450	*1500	*1550	*1600	*1650	*1700	*1750	*1800	*1850
*1900	*1950	*2000	*2050	*2100	*2150	*2200	*2250	*2300	*2350	*2400
*2450	*2500	*2550	*2600	*2650	*2700	*2750	*2800	*2850	*2900	*2950
*3000	*3050	*3100	*3150	*3200	*3250	*3300	*3350	*3400	*3450	*3500

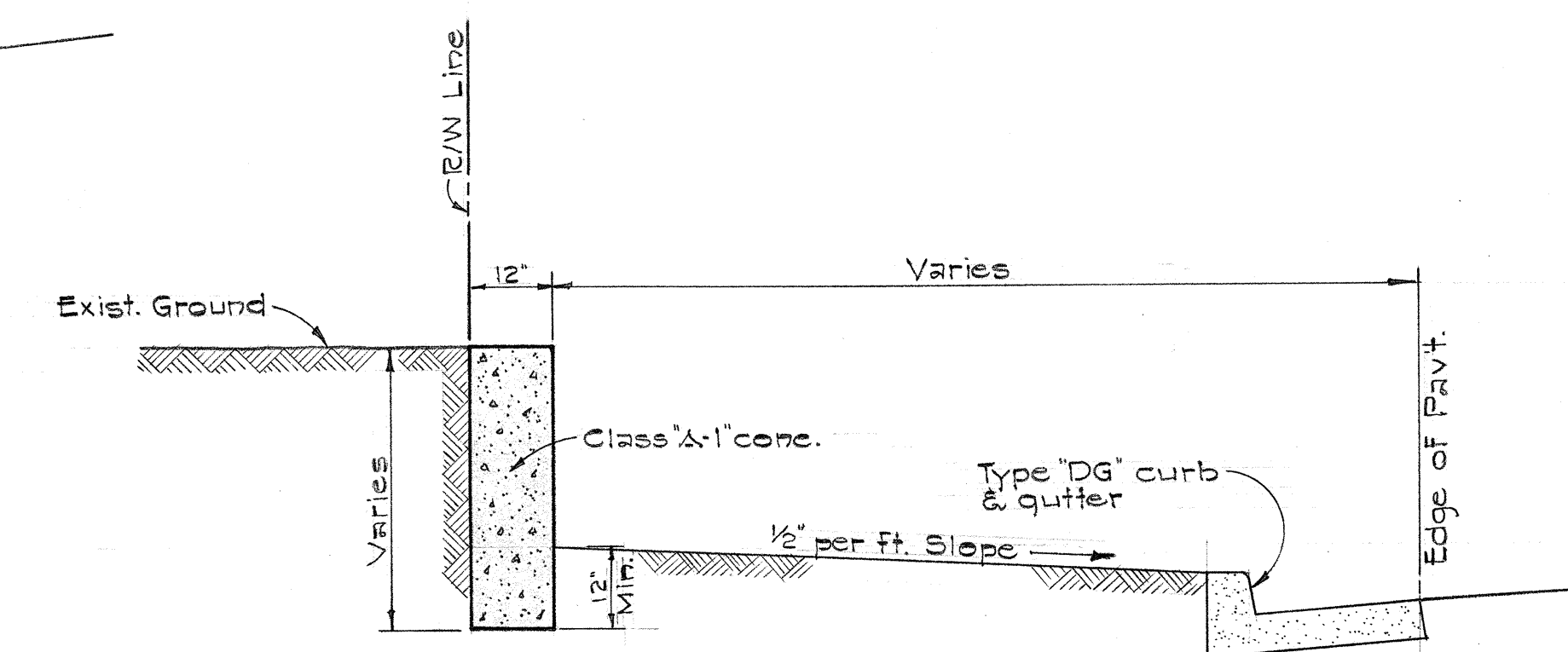
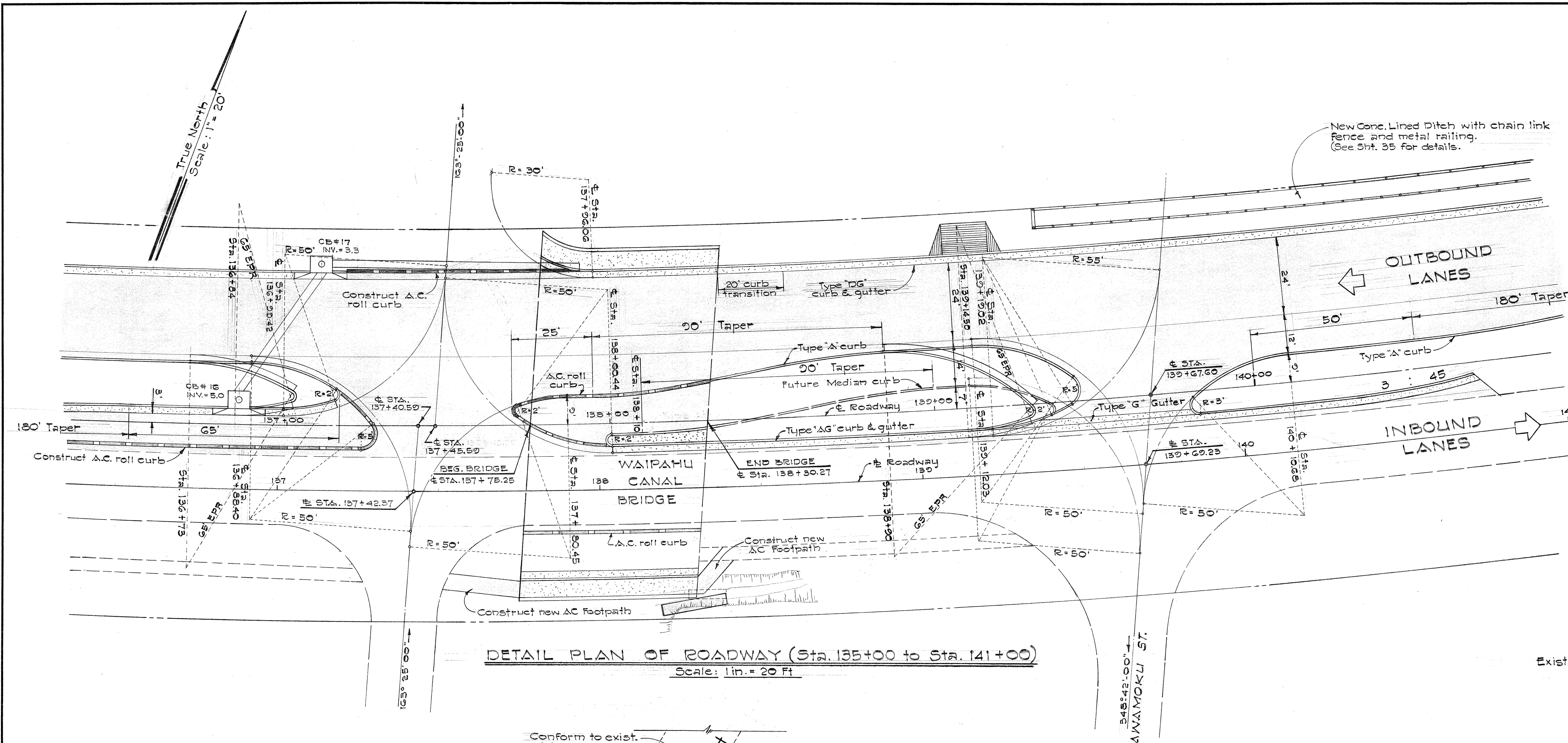
*Where edge of pavement is a curve, neither Baseline nor Taper between B' and C' will be a tangent. Use proportional offset from B' to C'.

DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
STATE OF HAWAII
MISCELLANEOUS DETAILS
FARRINGTON HIGHWAY
PROJECT NO. F-090-1(7)

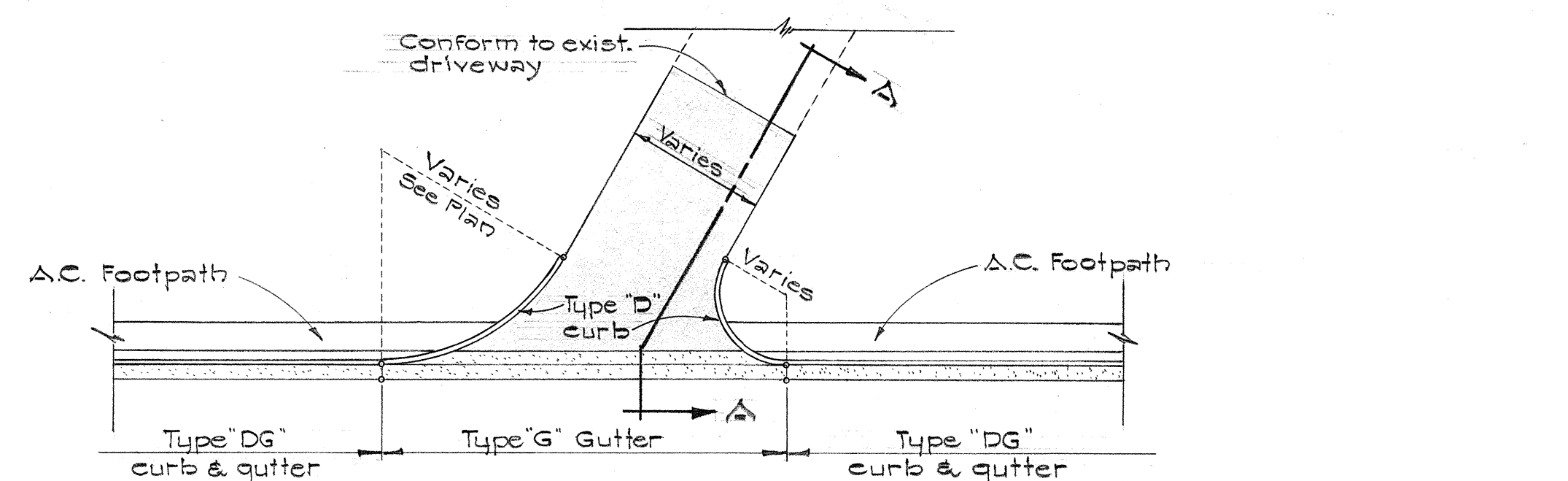
Scale: As Noted

SHEET NO. 1 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEET
HAWAII	HAW.	F-020-1/5	1962	32	127

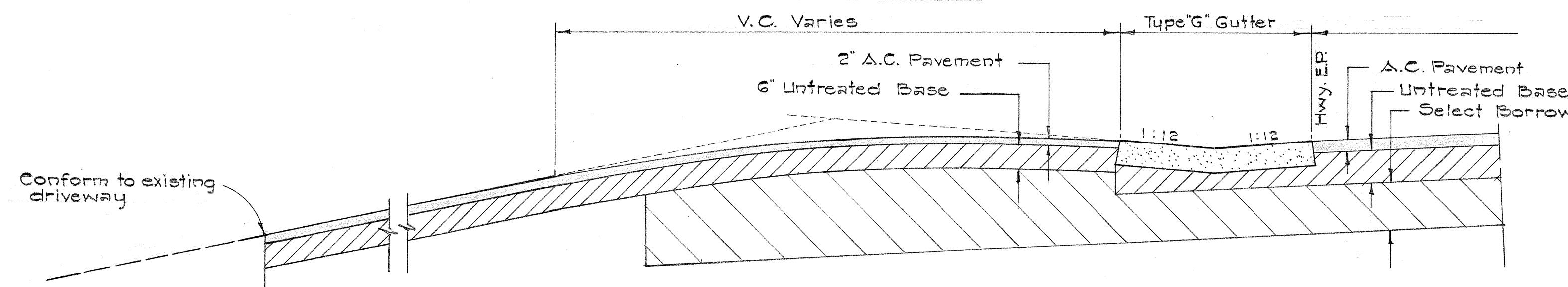


TYPICAL SECTION TYPE "E" WALL
Scale: $\frac{1}{2}" = 1'-0"$



PLAN

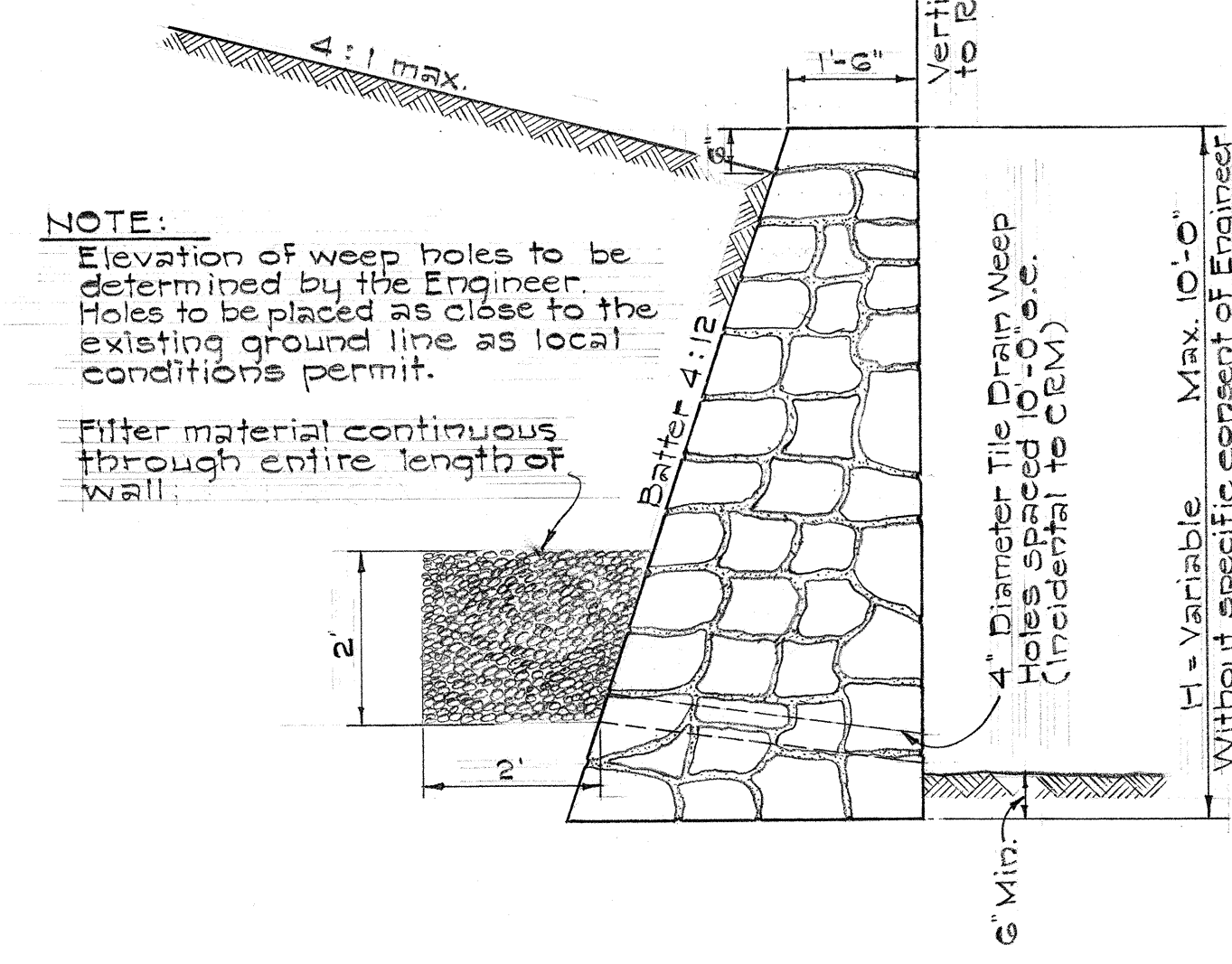
Scale: 1 in. = 20 Ft.



SECTION "A"-A"

TYPICAL A.C. DRIVEWAY DETAIL

No Scale



TYPICAL SECTION CRM WALL
Scale: 1/2" = 1'-0"

NOTE:
Elevation of weep holes to be determined by the Engineer.
Holes to be placed as close to the existing ground line as local conditions permit.

Filter material continuous through entire length of wall.

4" Diameter Tile Drain Wee
Holes spaced 10'-0" o.c.

H = Variable Max. 10'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

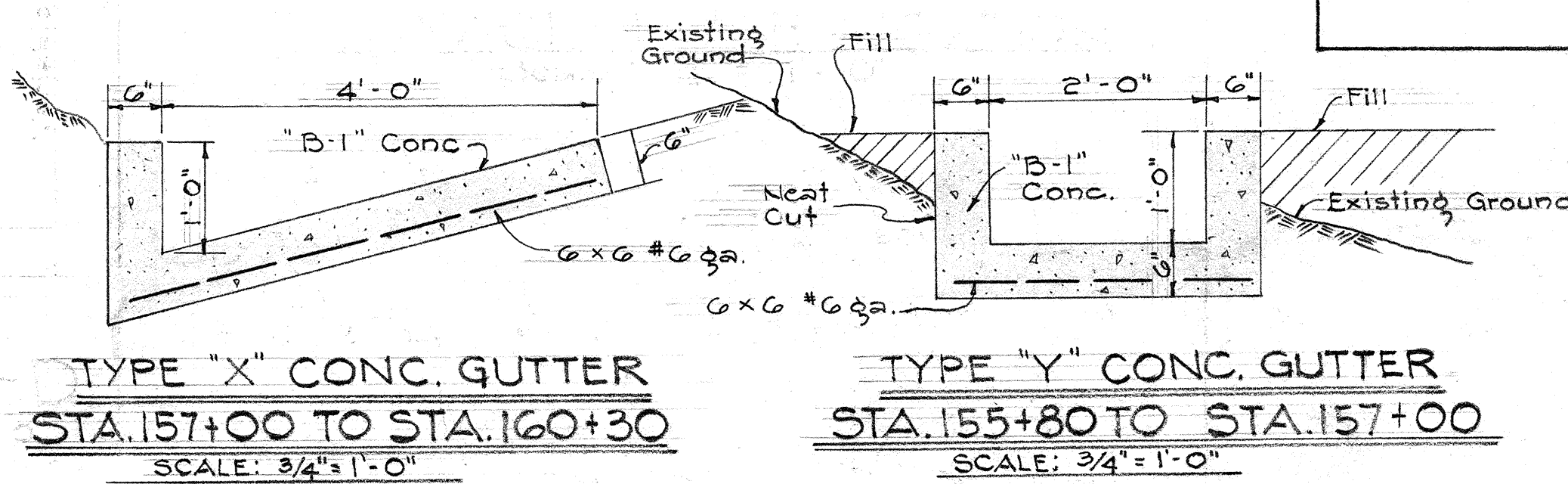
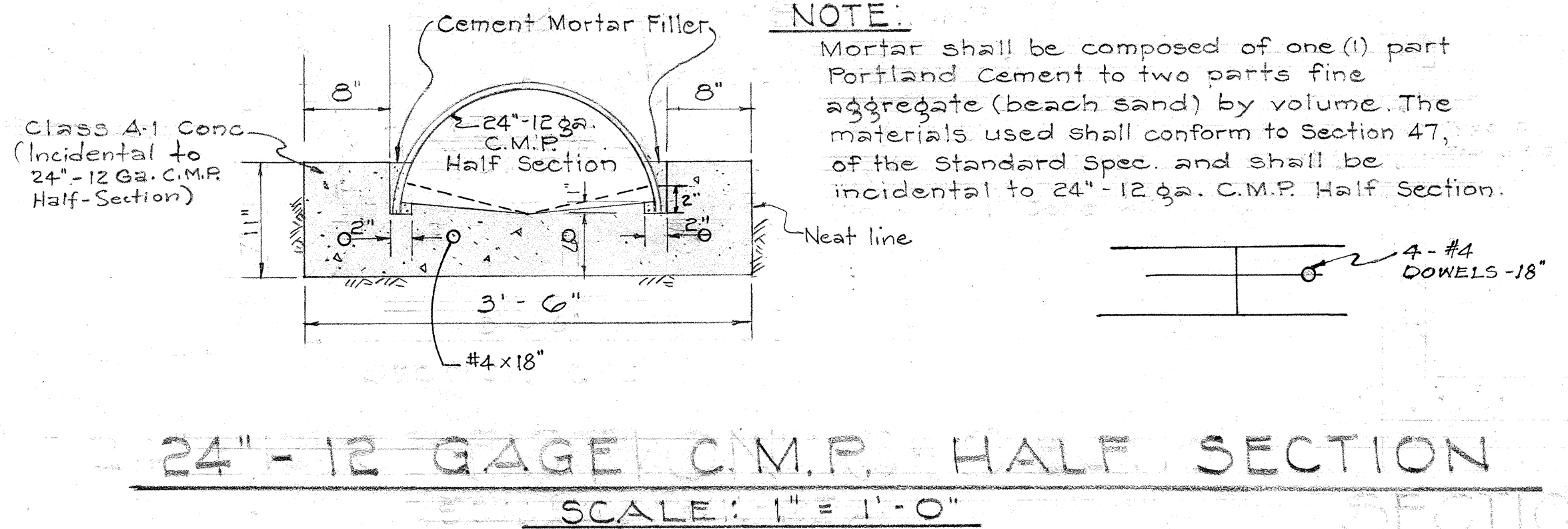
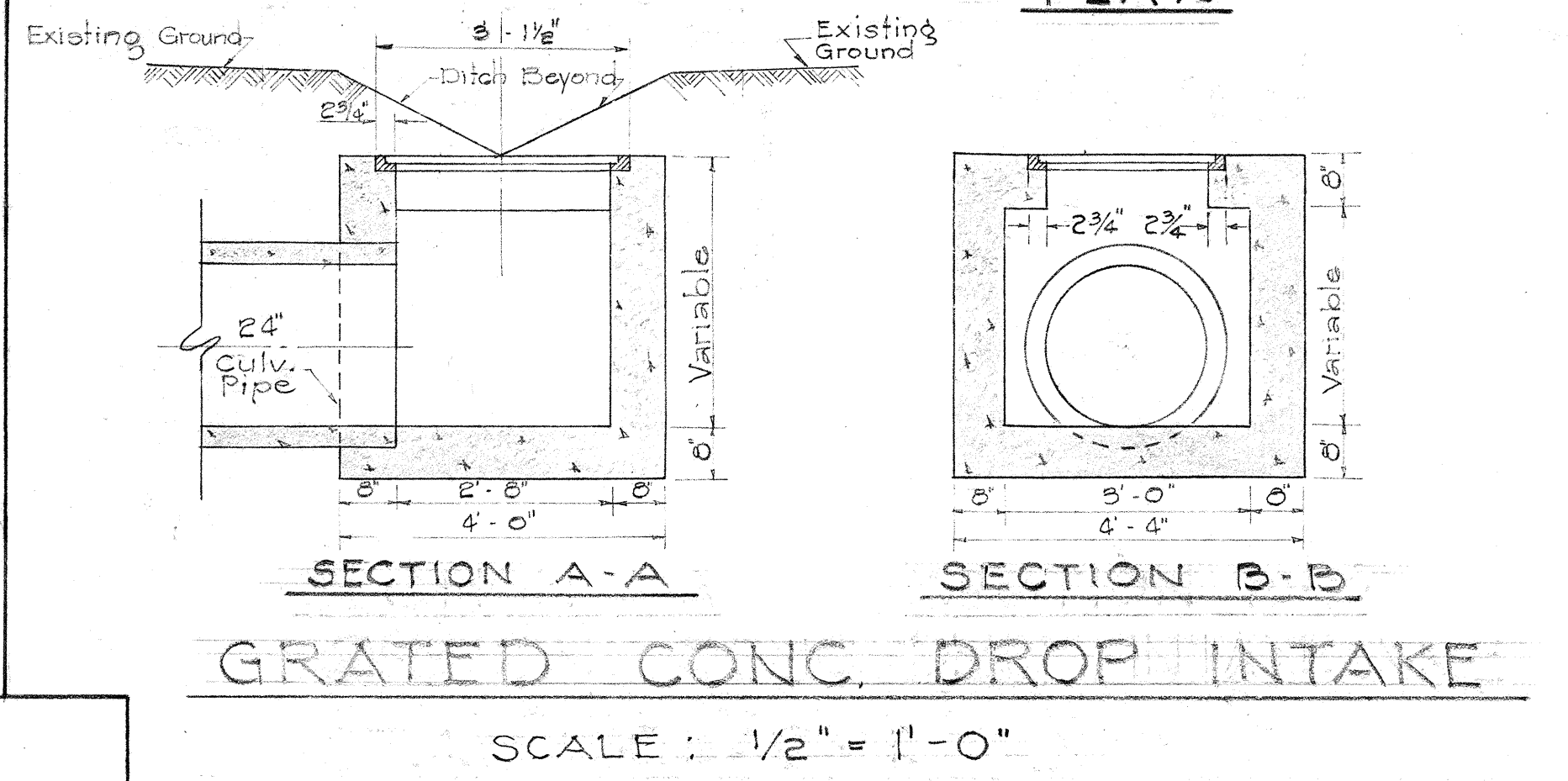
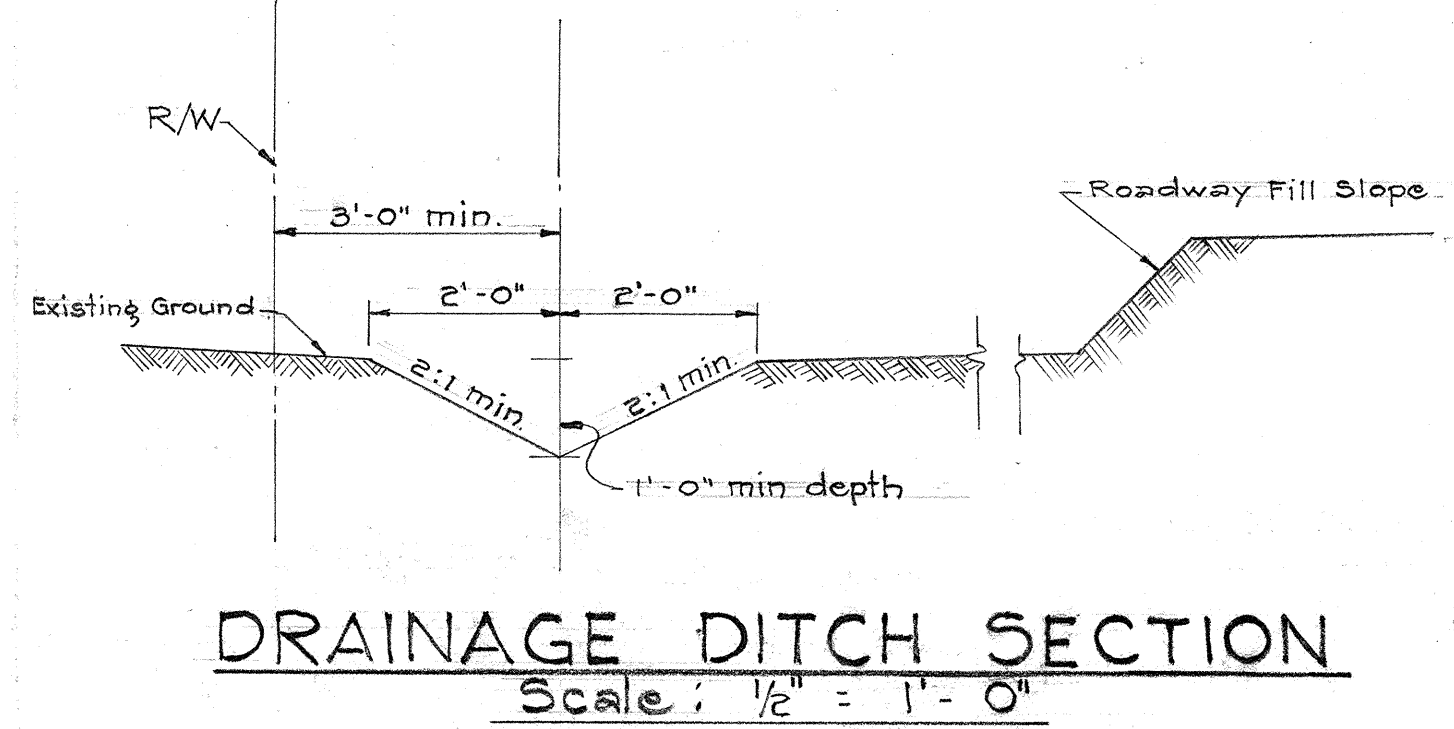
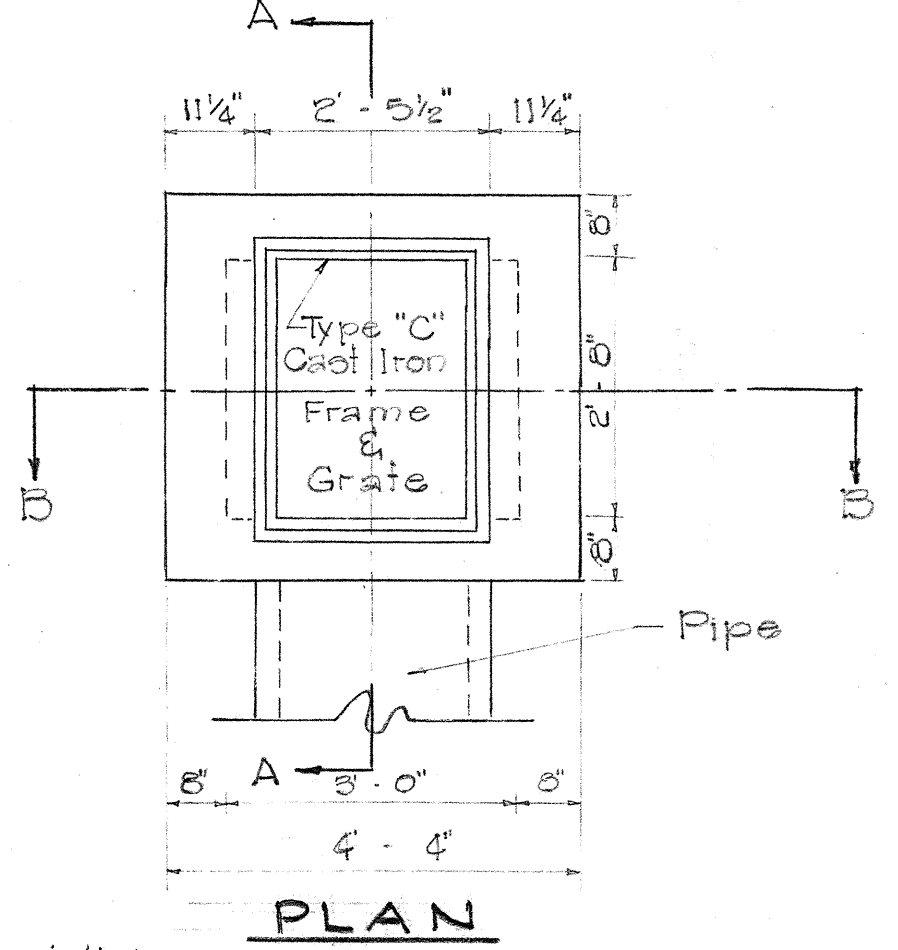
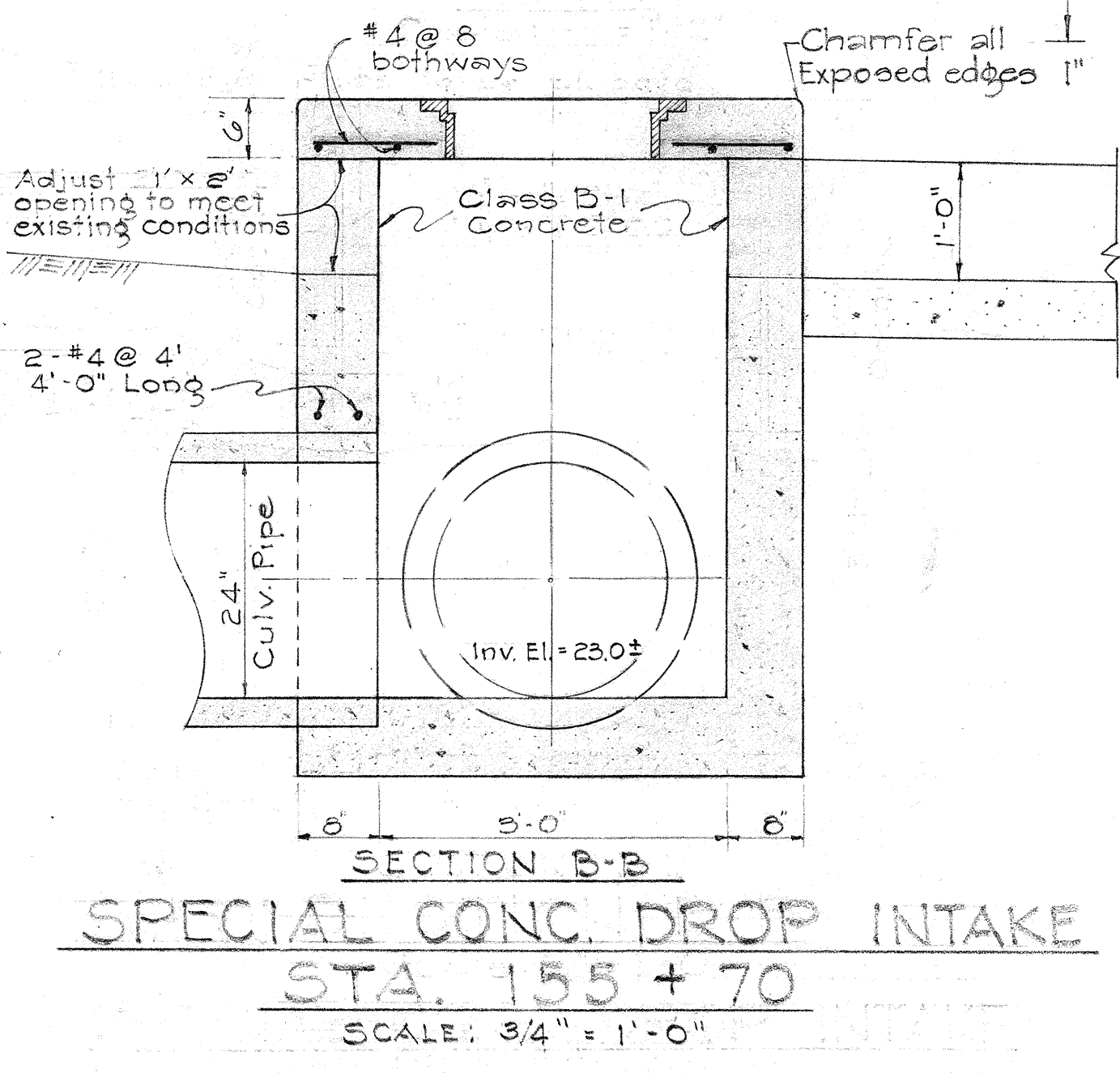
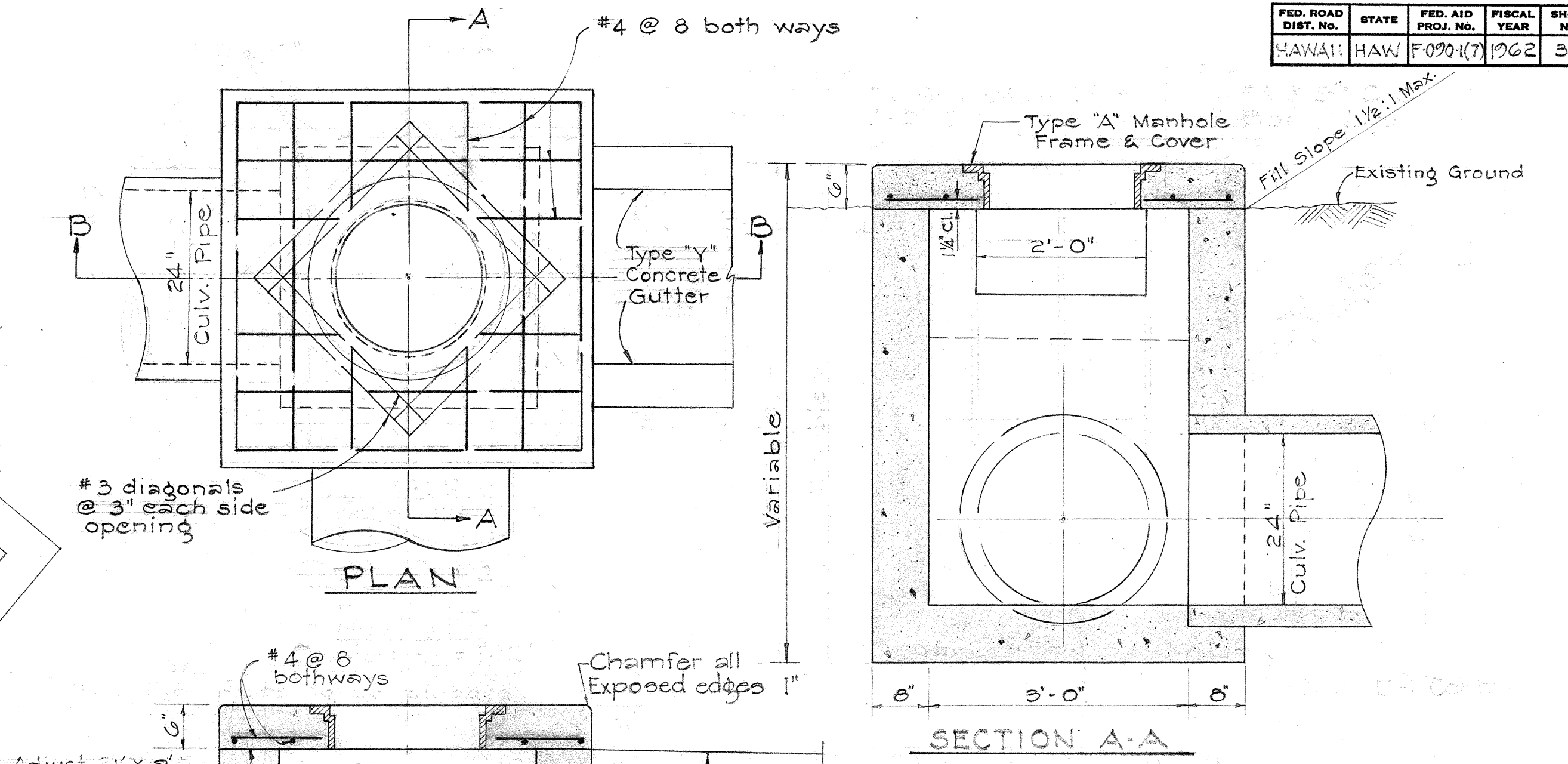
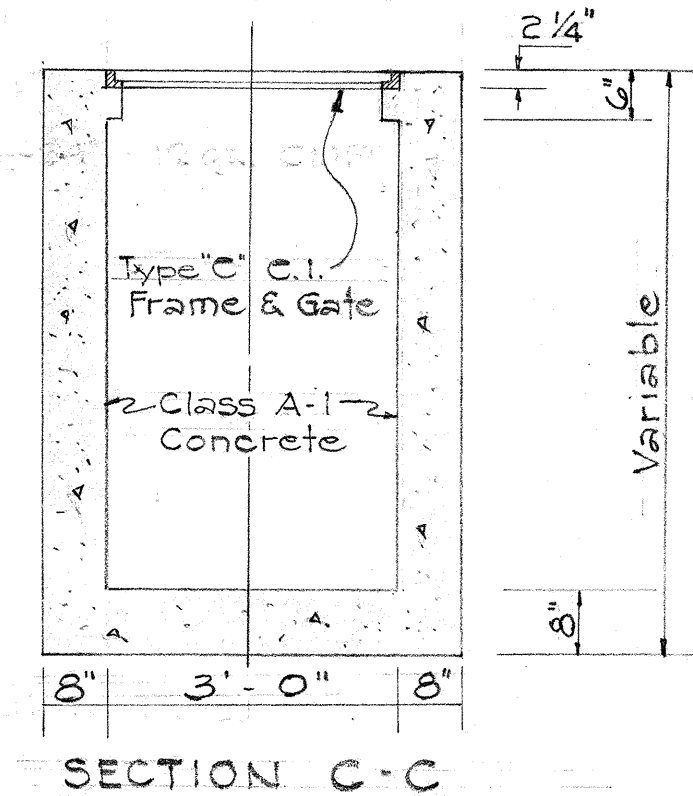
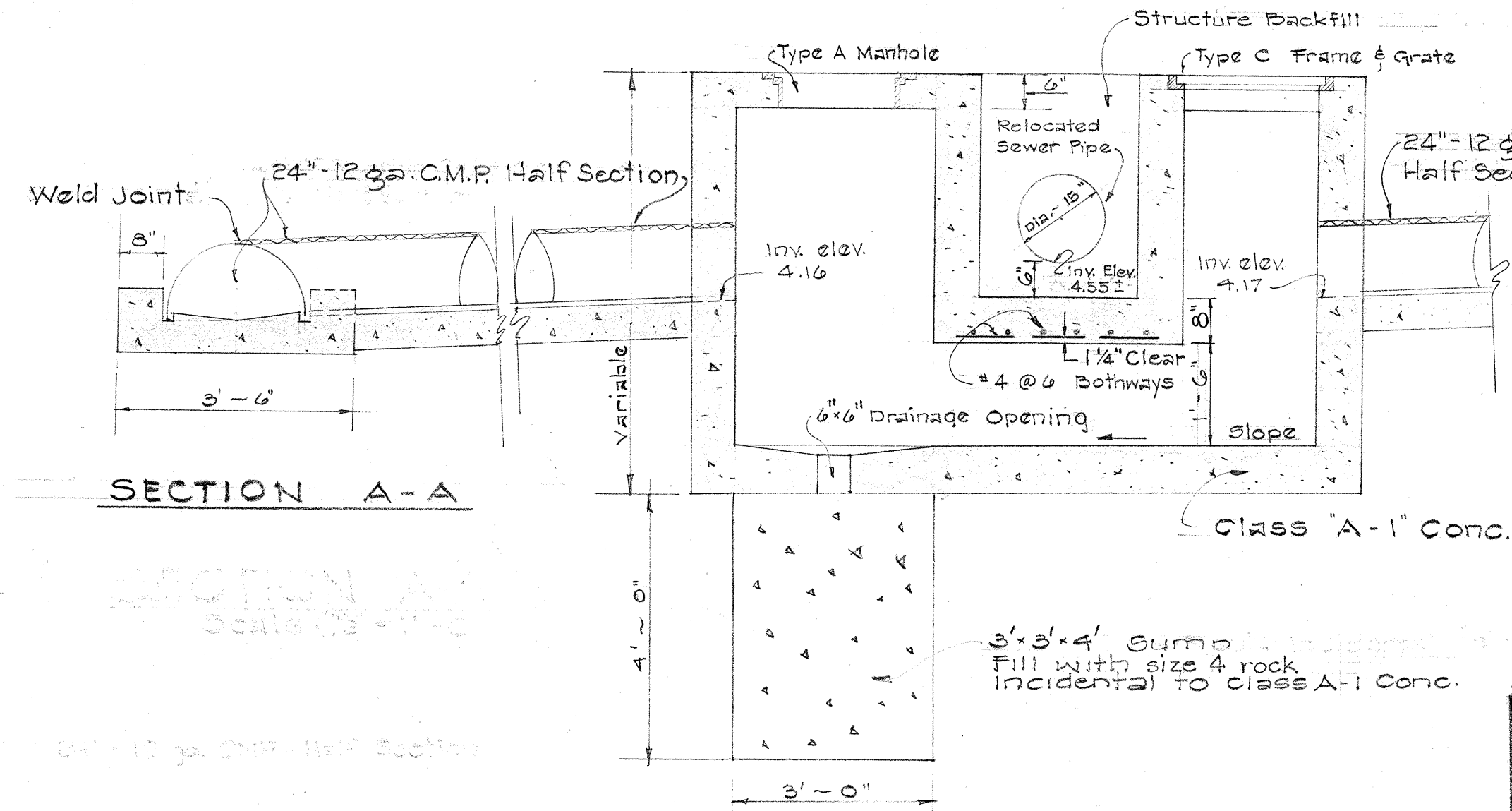
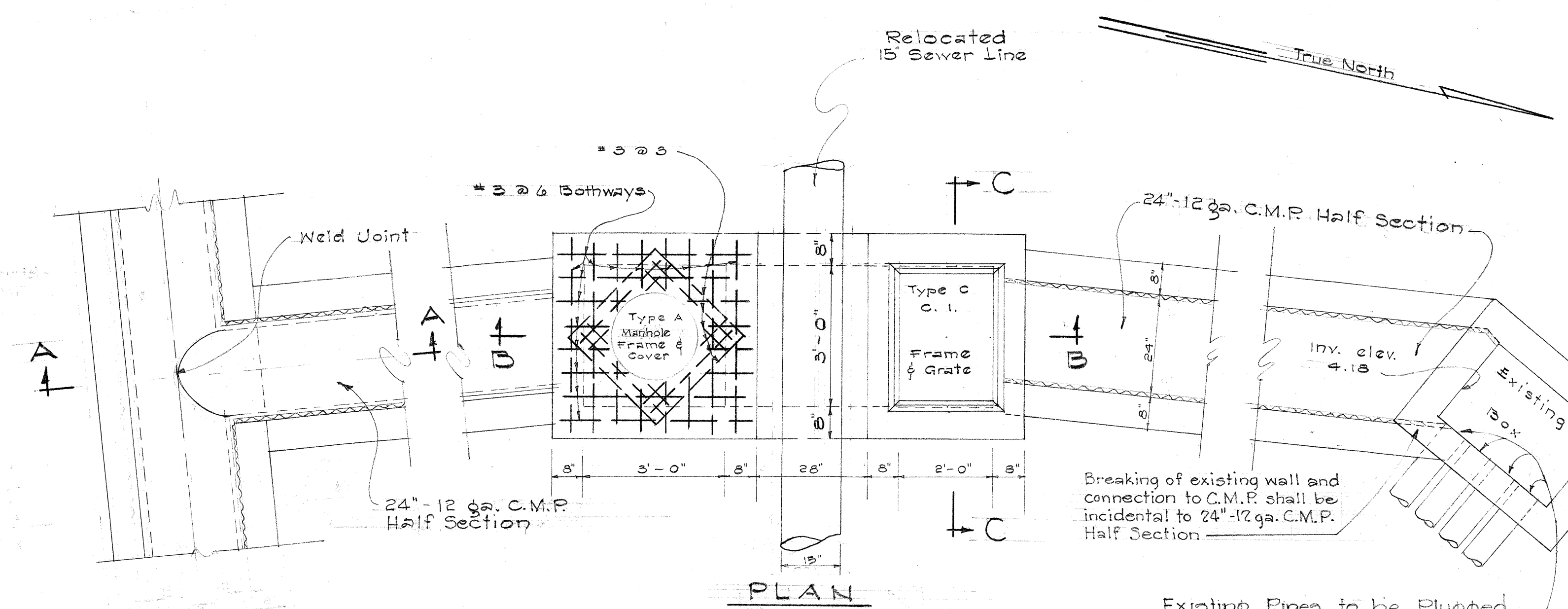
MISCELLANEOUS DETAILS

FARRINGTON HIGHWAY
PROJECT NO. F-090-1(7)

Scale: As Noted

SHEET No. 2 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F090-1(7)	1962	53	127



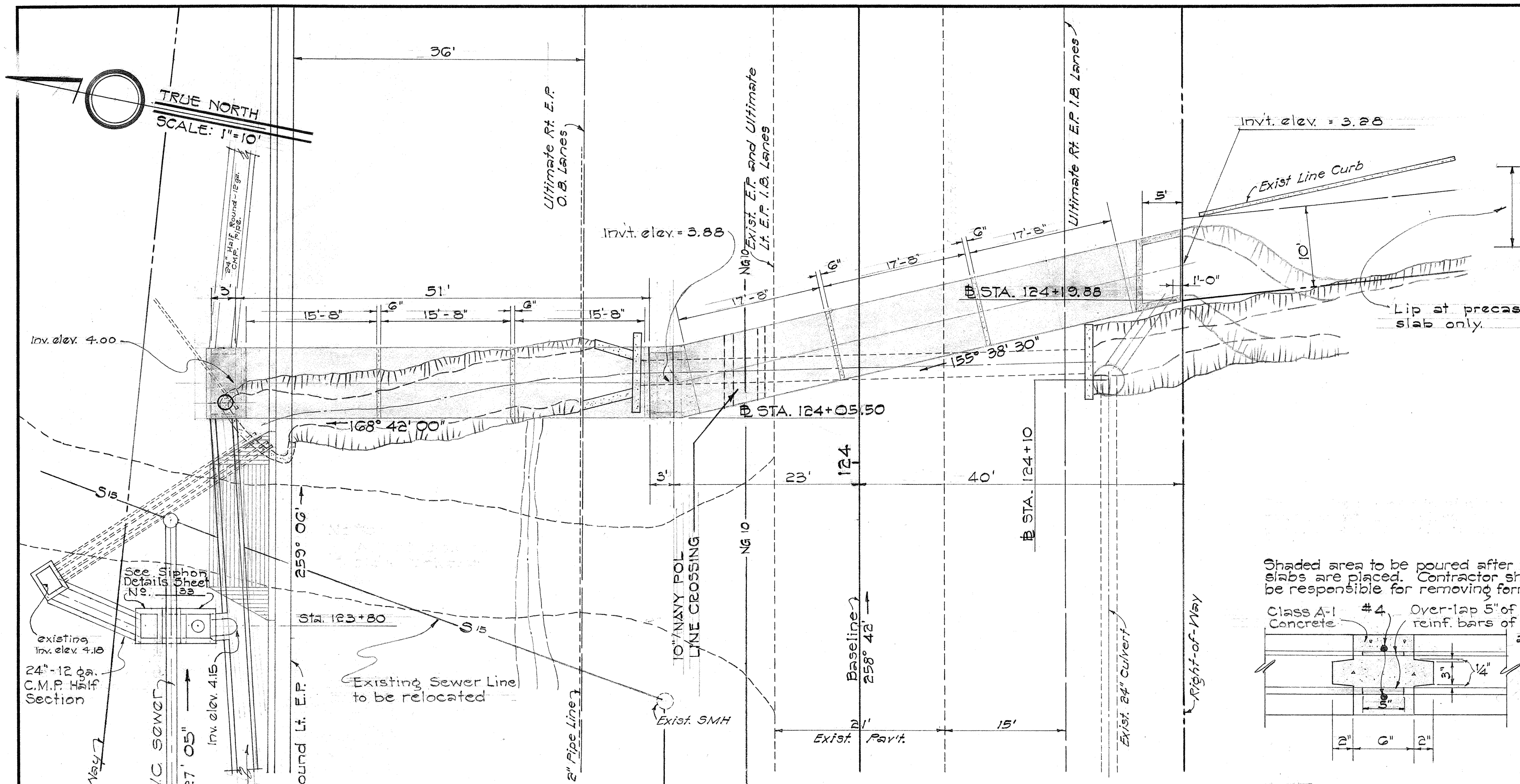
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SPECIAL
DRAINAGE DETAILS

PROJECT NO. F-090-1(7) UNIT 2

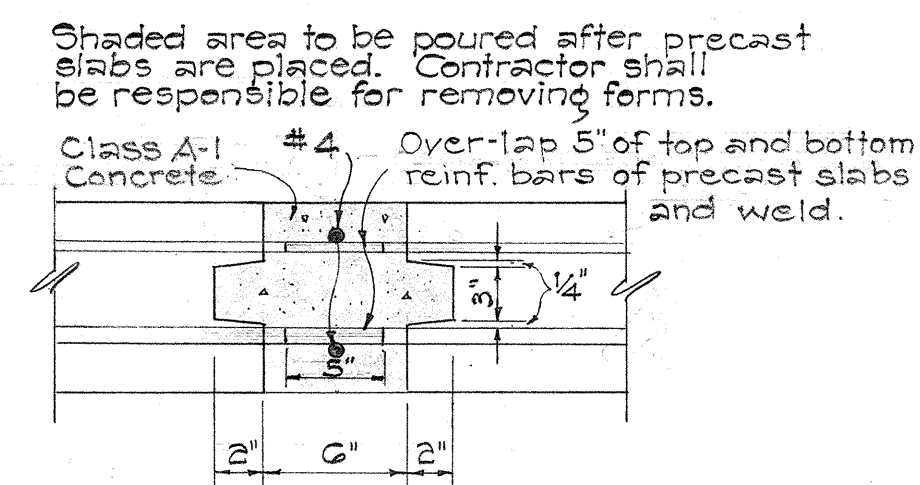
SCALE: AS NOTED DATE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	F-090-1(1)	1962	34	127

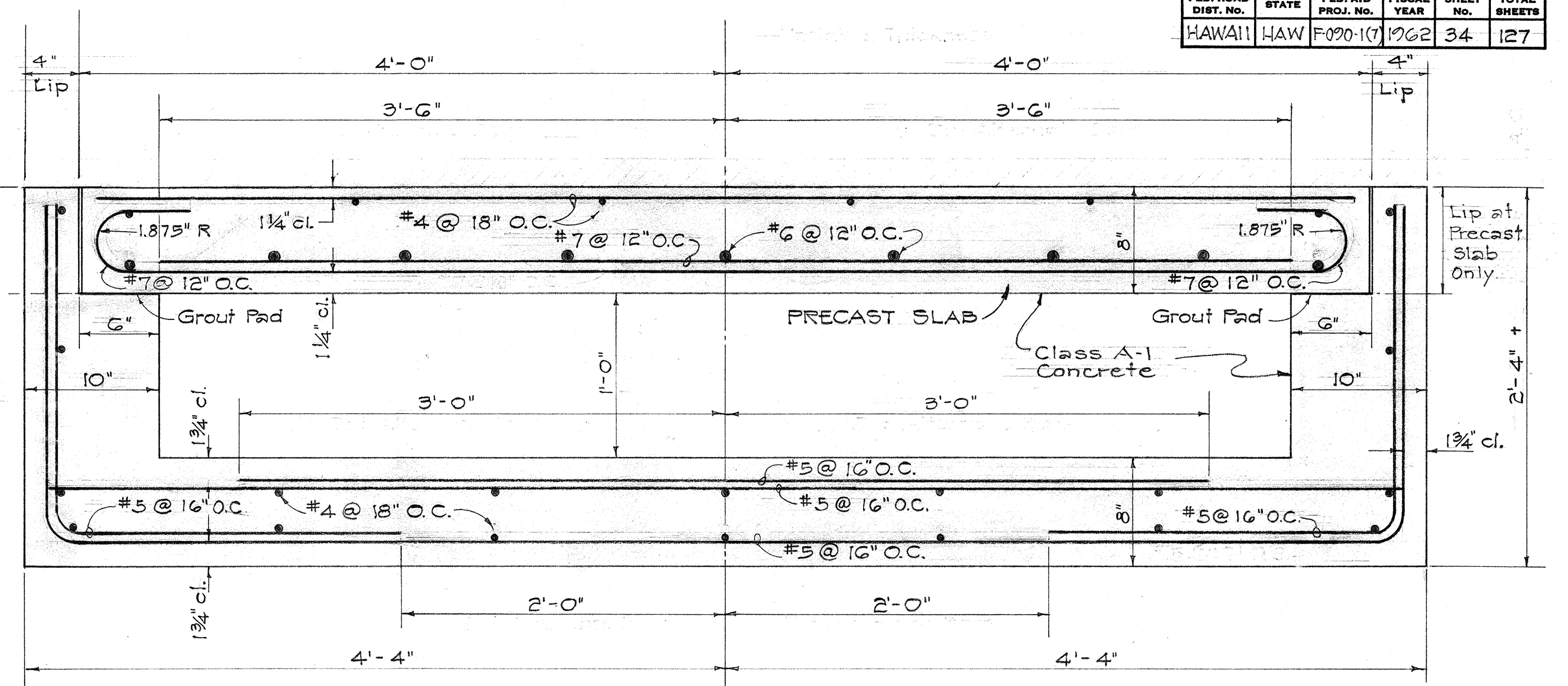


PLAN
SCALE: 1" = 10'

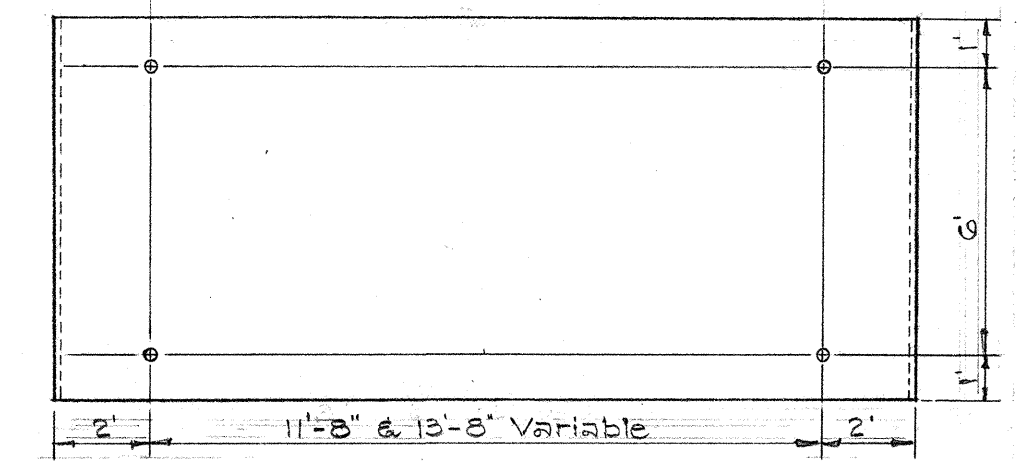
DELETED THROUGH
CHANGE ORDER NO. 8



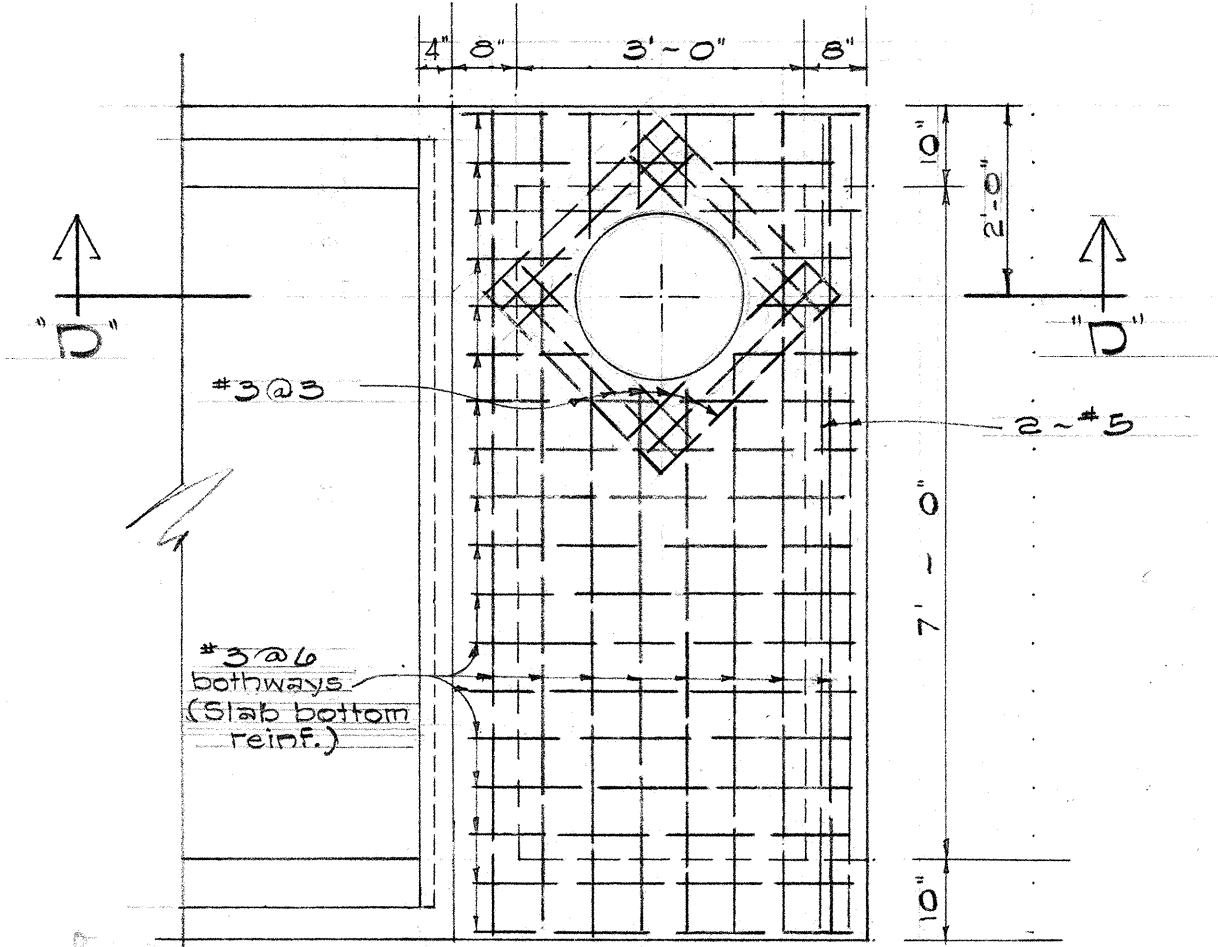
DETAIL OF JOINT
SCALE: 1 1/2" = 1'-0"



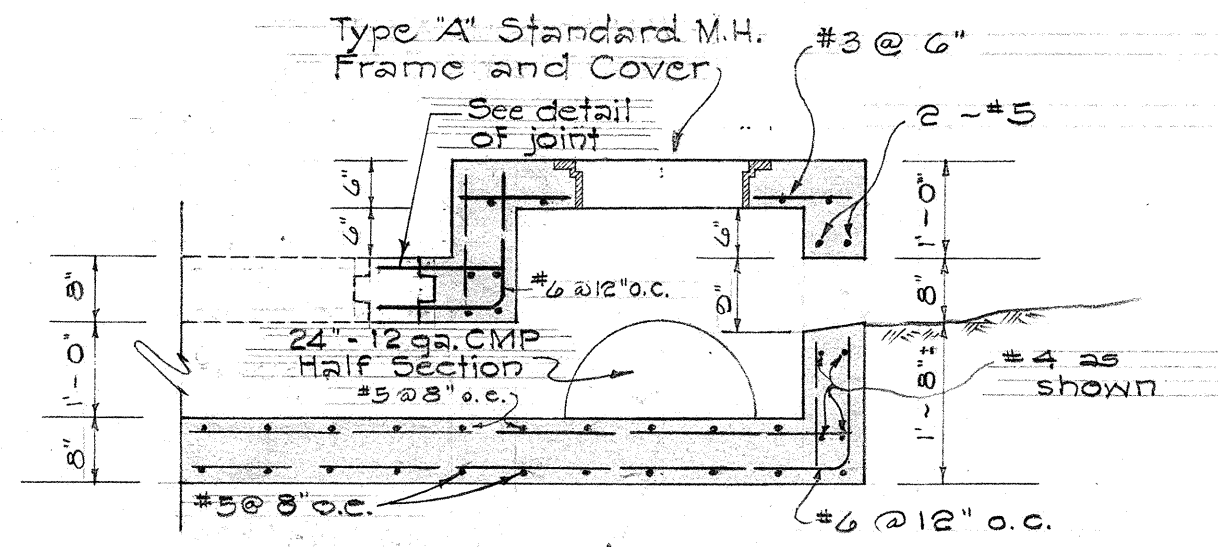
TYPICAL BOX SECTION
SCALE: 1 1/2" = 1'-0"



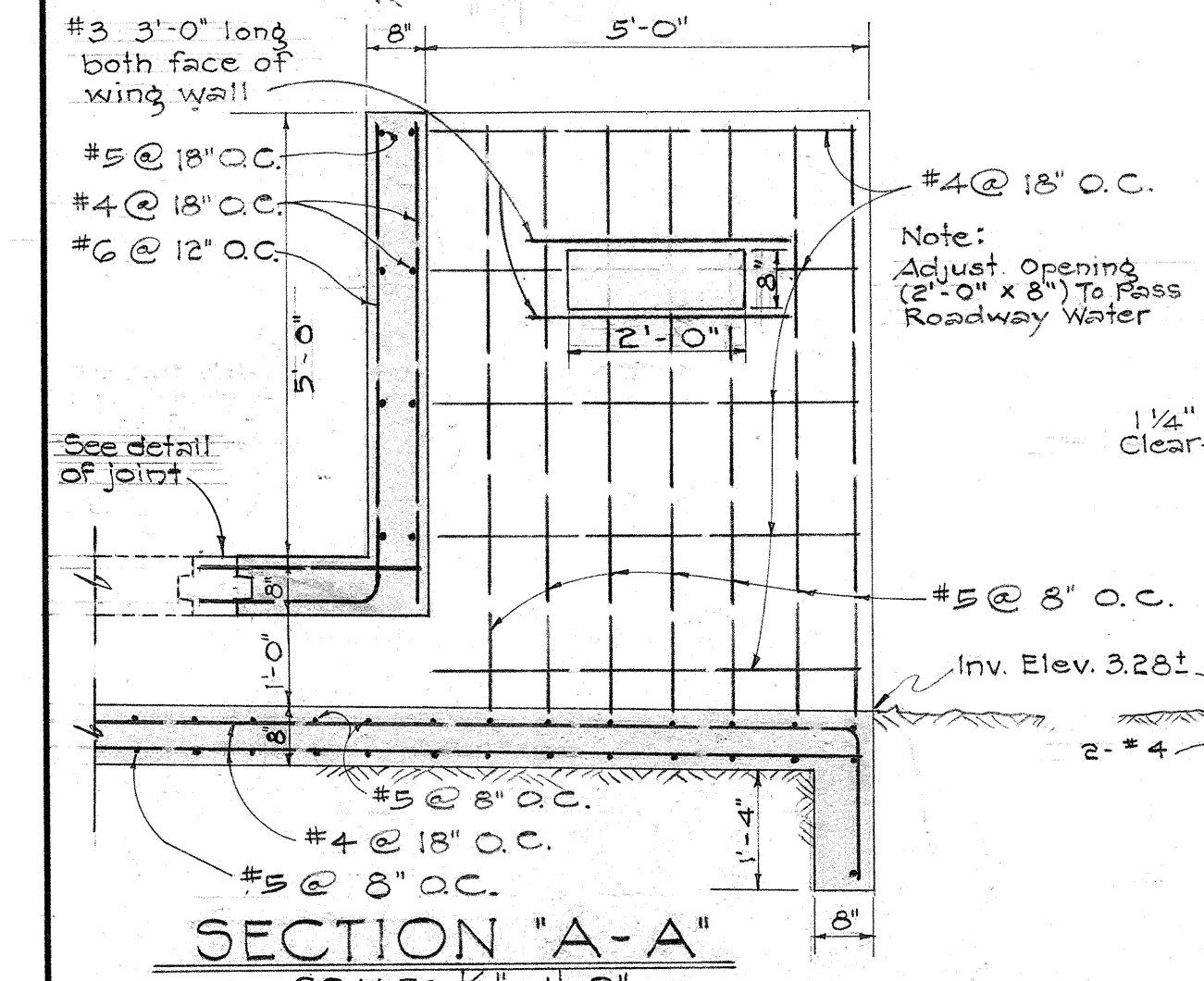
LIFT POINTS
PLAN VIEW
SCALE: 1/4" = 1'-0"



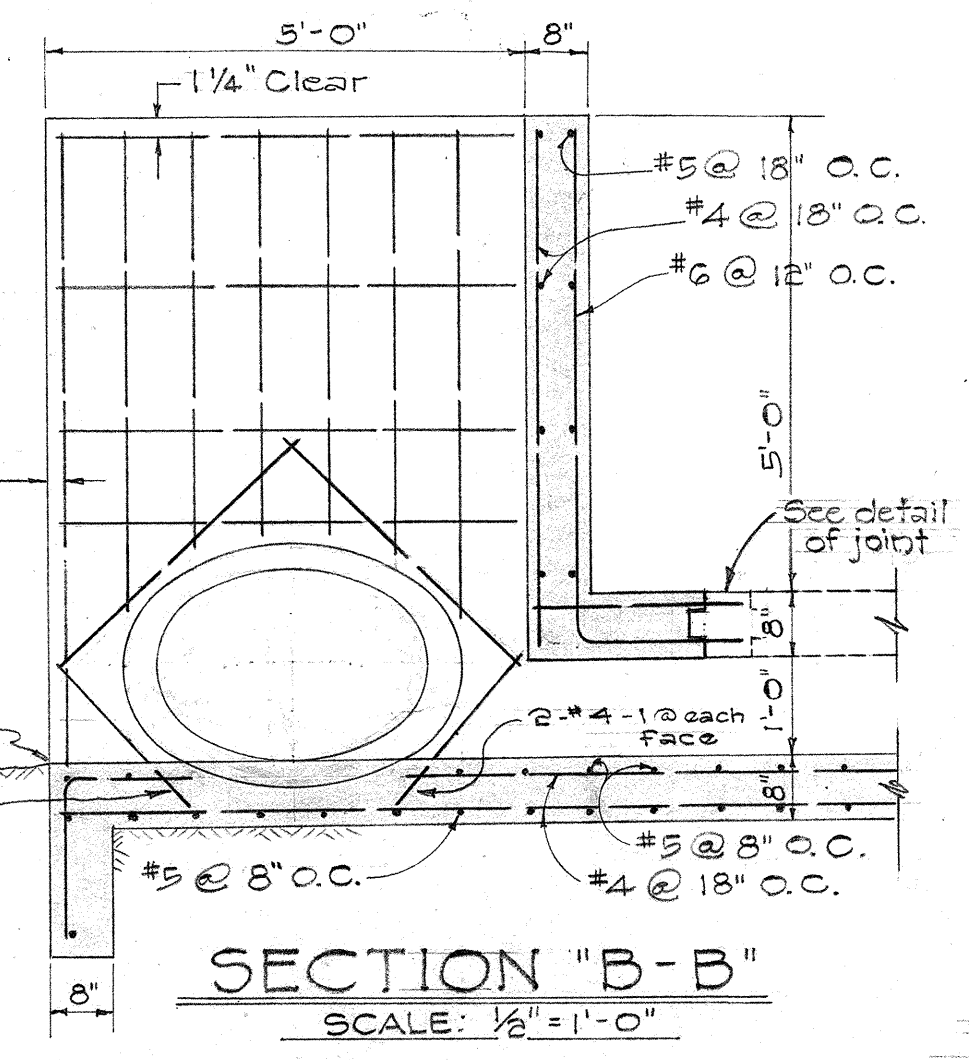
NOTE:
For cast-in-place top slab of box culvert, use same steel arrangement as shown in typical section for precast top slab.
Reinf. spacing for flared section shall be measured along center line of box culvert.



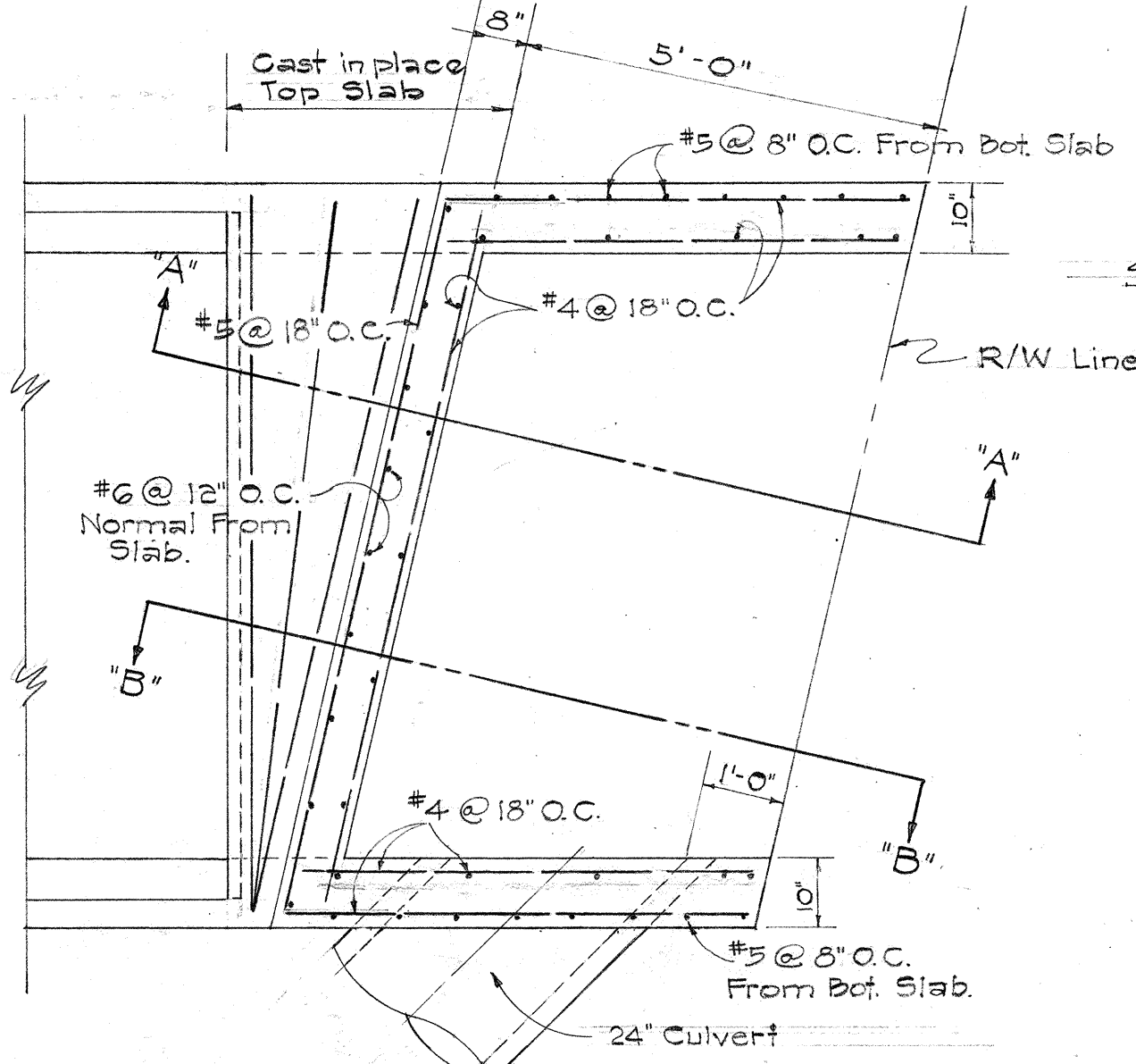
SECTION 'D-D'
CULVERT INLET DETAIL
SCALE: 1/2" = 1'-0"



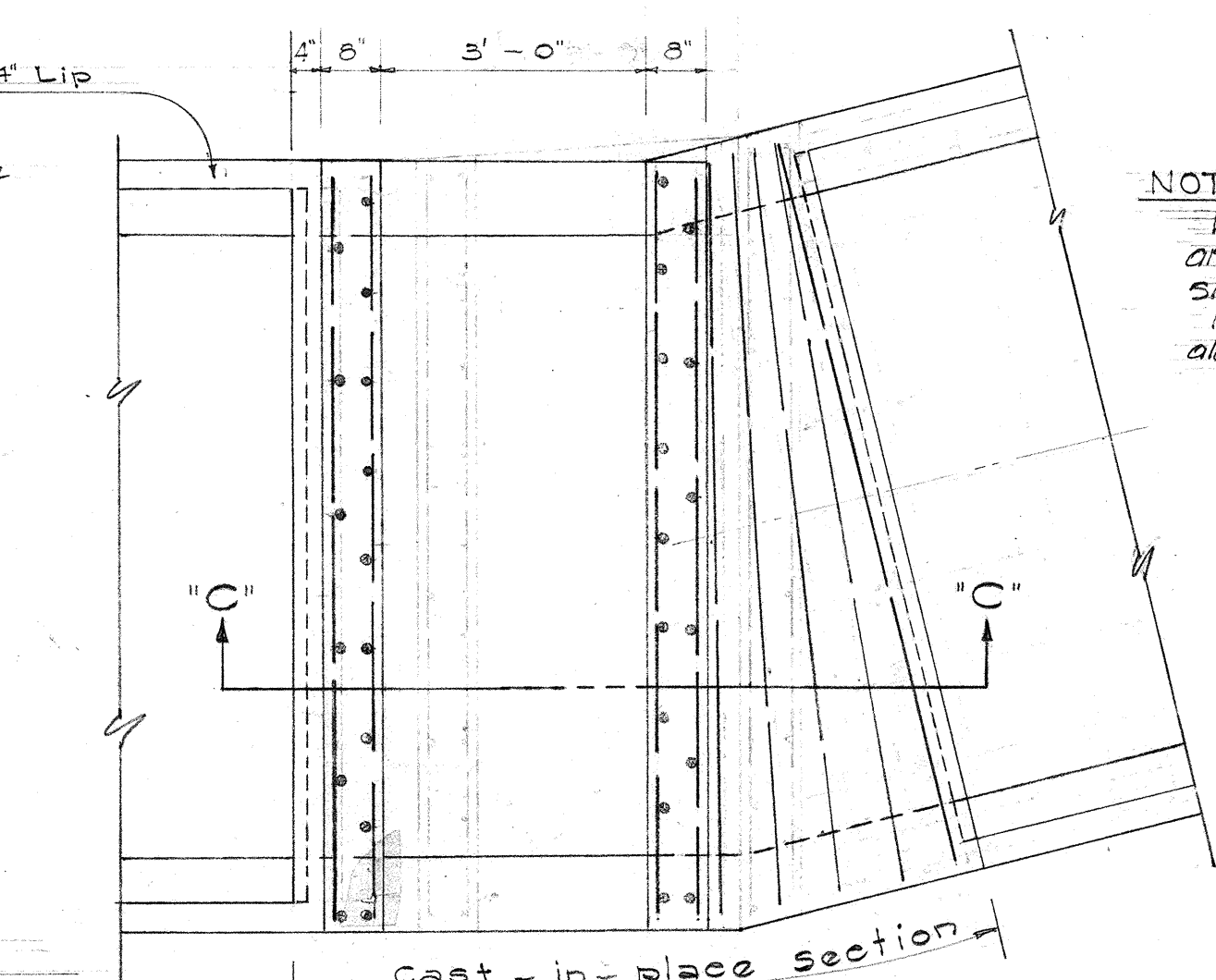
SECTION 'A-A'
SCALE: 1/2" = 1'-0"



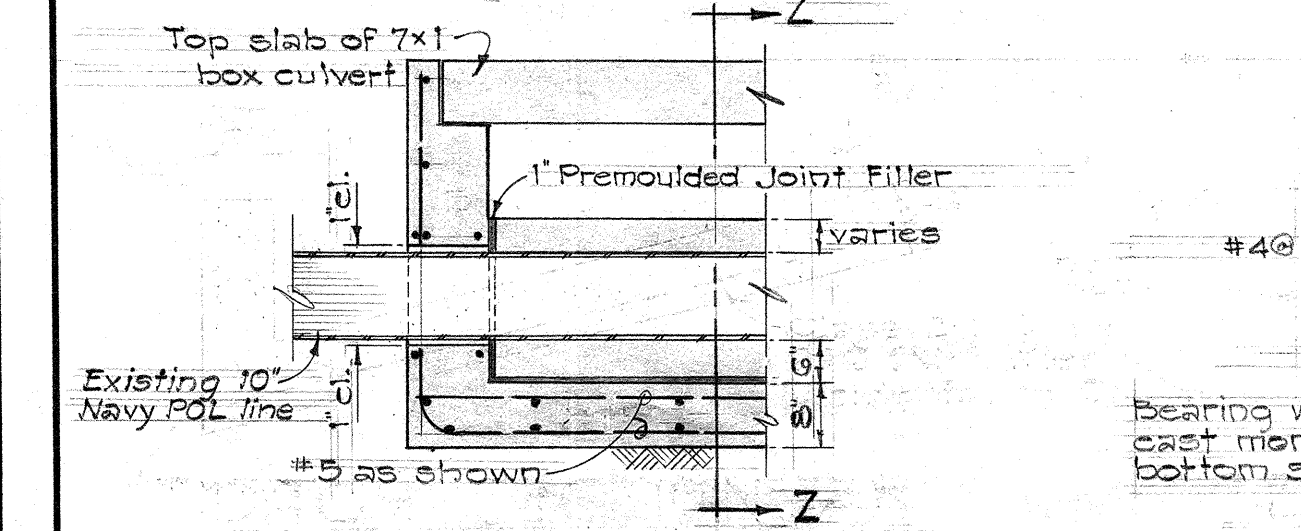
SECTION 'B-B'
SCALE: 1/2" = 1'-0"



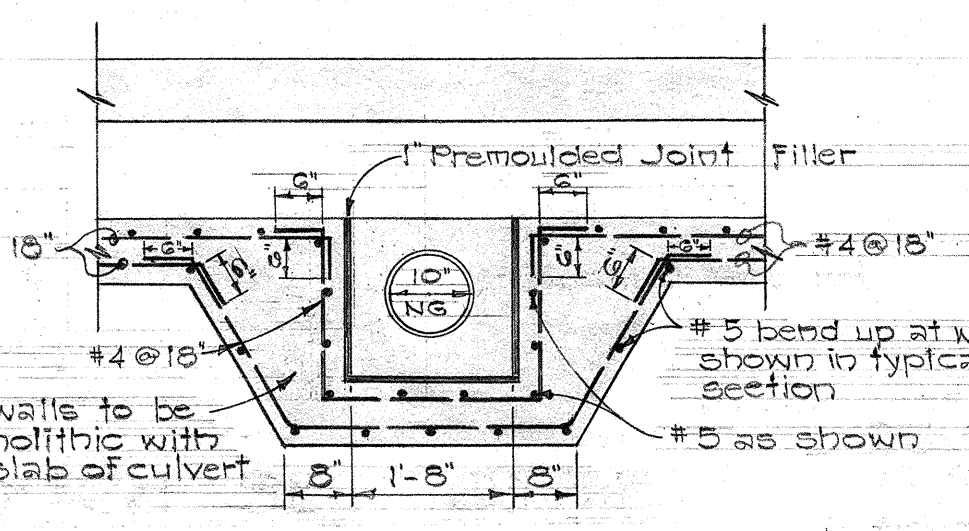
PLAN SHOWING REINFORCING AT BOX OUTLET
SCALE: 1/2" = 1'-0"



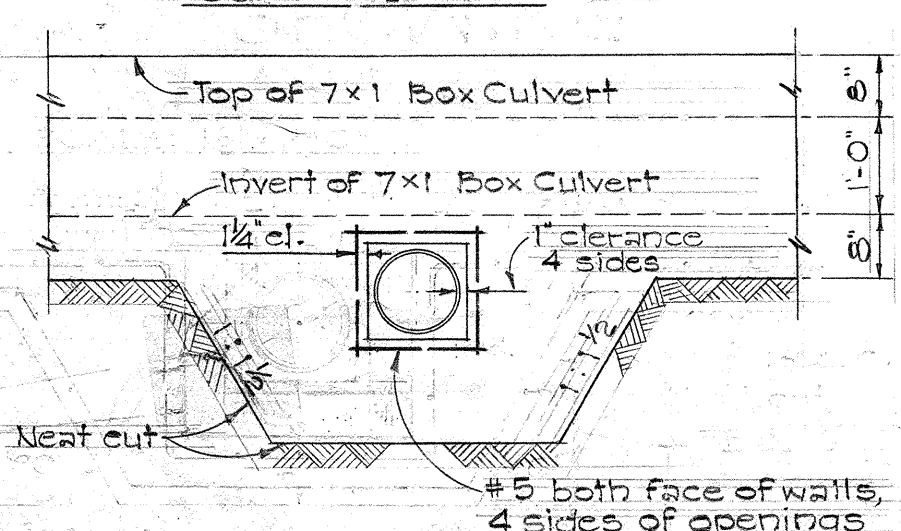
PLAN SHOWING REINFORCING AT DROP INTAKE
SCALE: 1/2" = 1'-0"



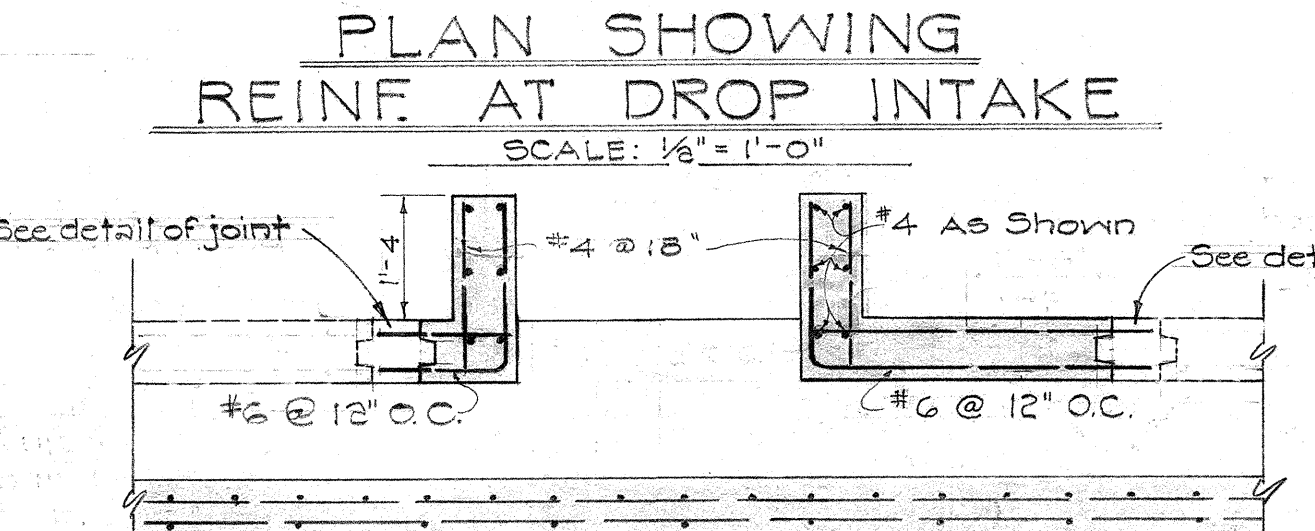
SECTION OF BOX CULVERT AT WALLS



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



ELEVATION



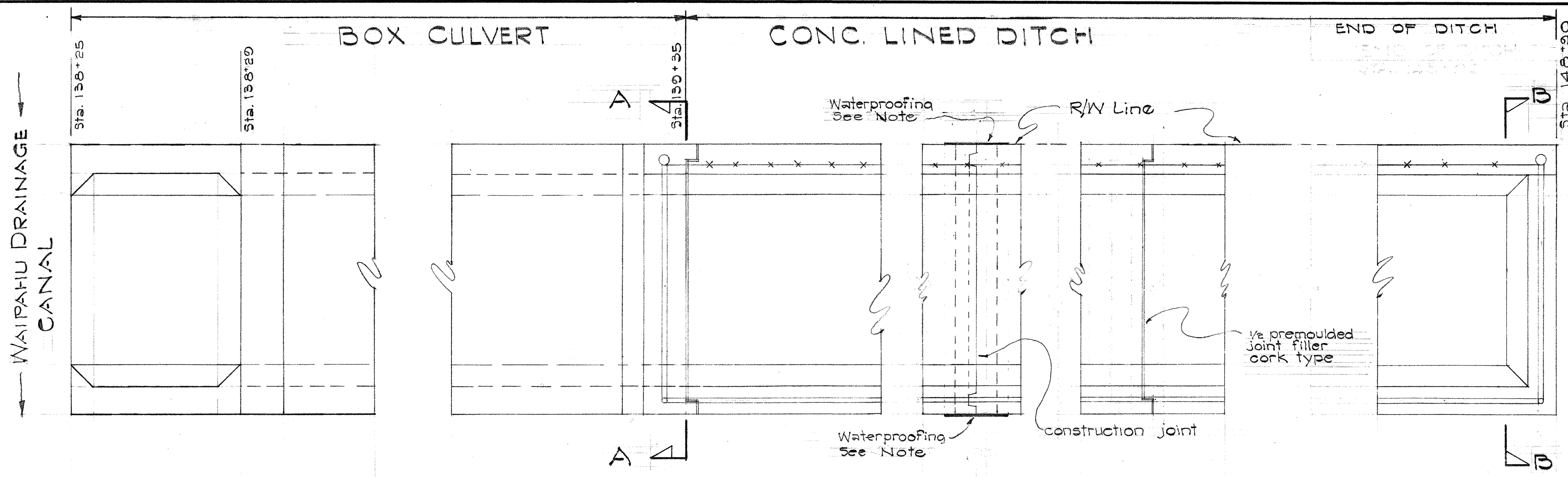
SECTION 'C-C'
SCALE: 1/2" = 1'-0"

DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
STATE OF HAWAII
DETAILS OF 7'X1' BOX CULVERT
FARRINGTON HIGHWAY
PROJECT No. F-090-1(1)
SCALE: AS NOTED DATE: _____

SHEET NO. 1 OF 1 SHEETS

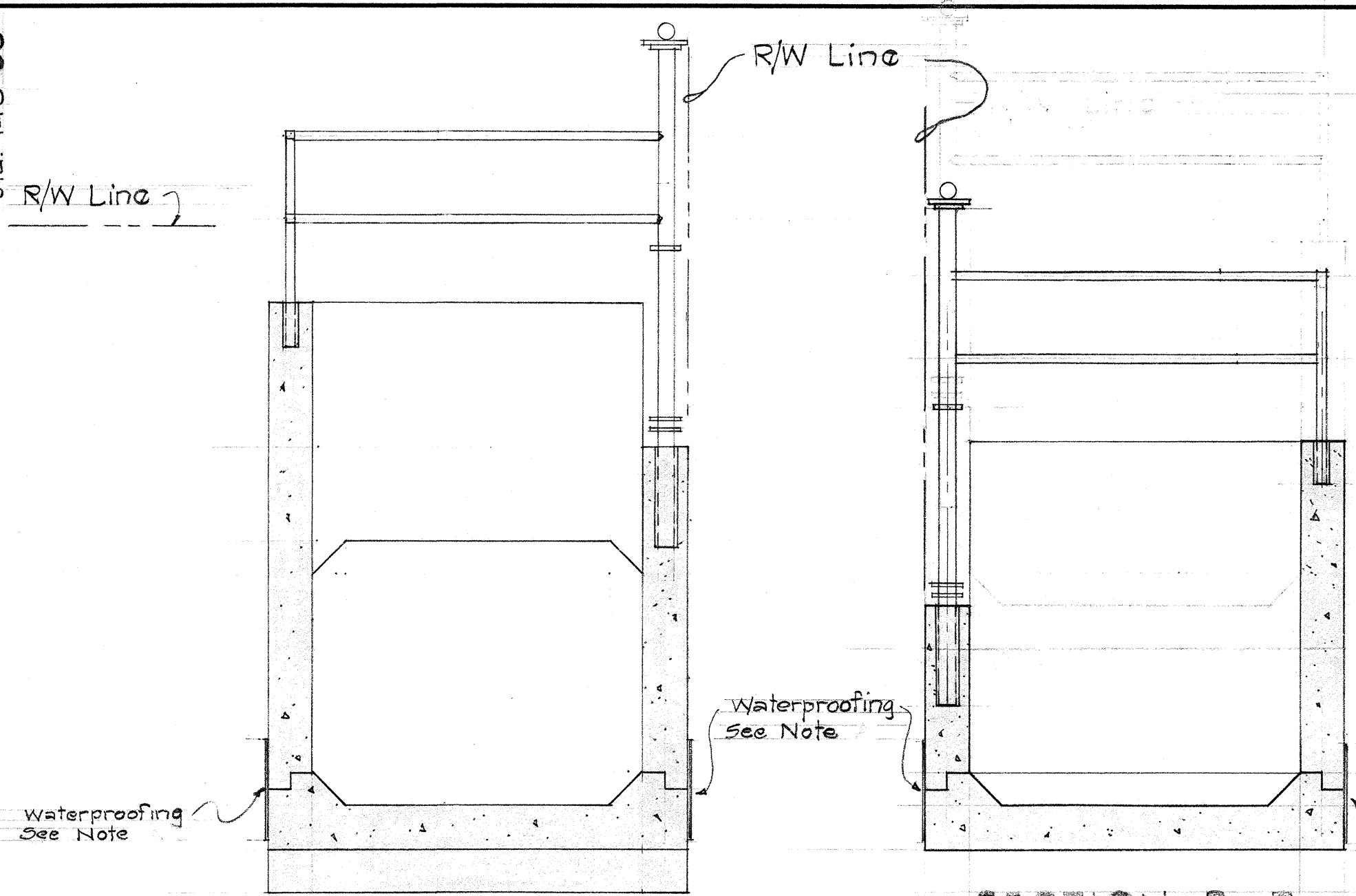
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-090-1(7)	1962	35	127

Note:
Culvert pipes shall be cut flush with the inside face of the Concrete Lined Ditch.



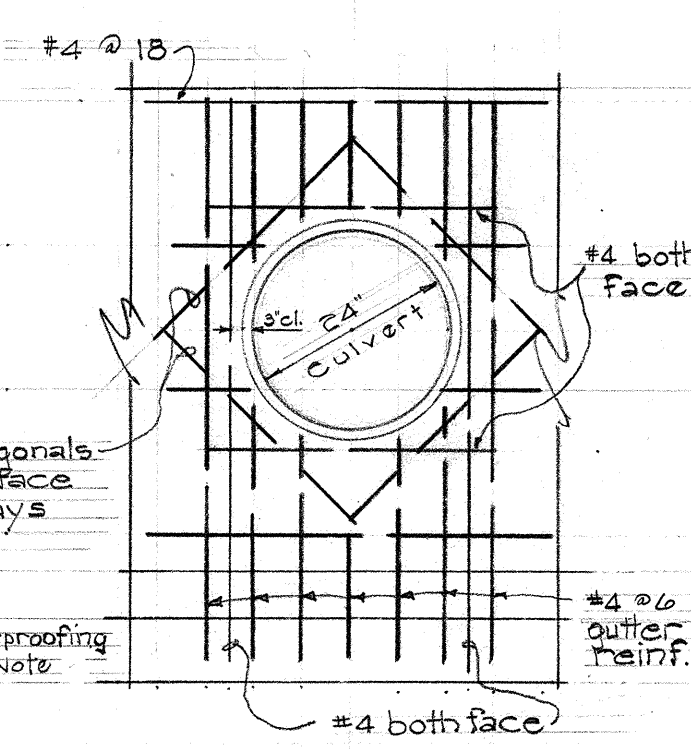
PLAN
Scale: 1/2" = 1'-0"

Note:
See Sect. 46-2(A)(1) and Sect. 46-3(1) of the Standard Specification for Waterproofing.

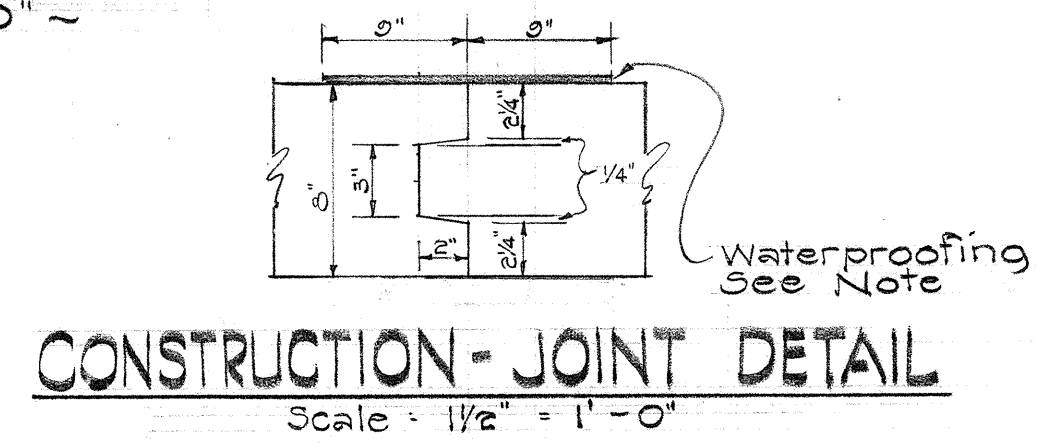


SECTION A-A
Scale: 1/2" = 1'-0"

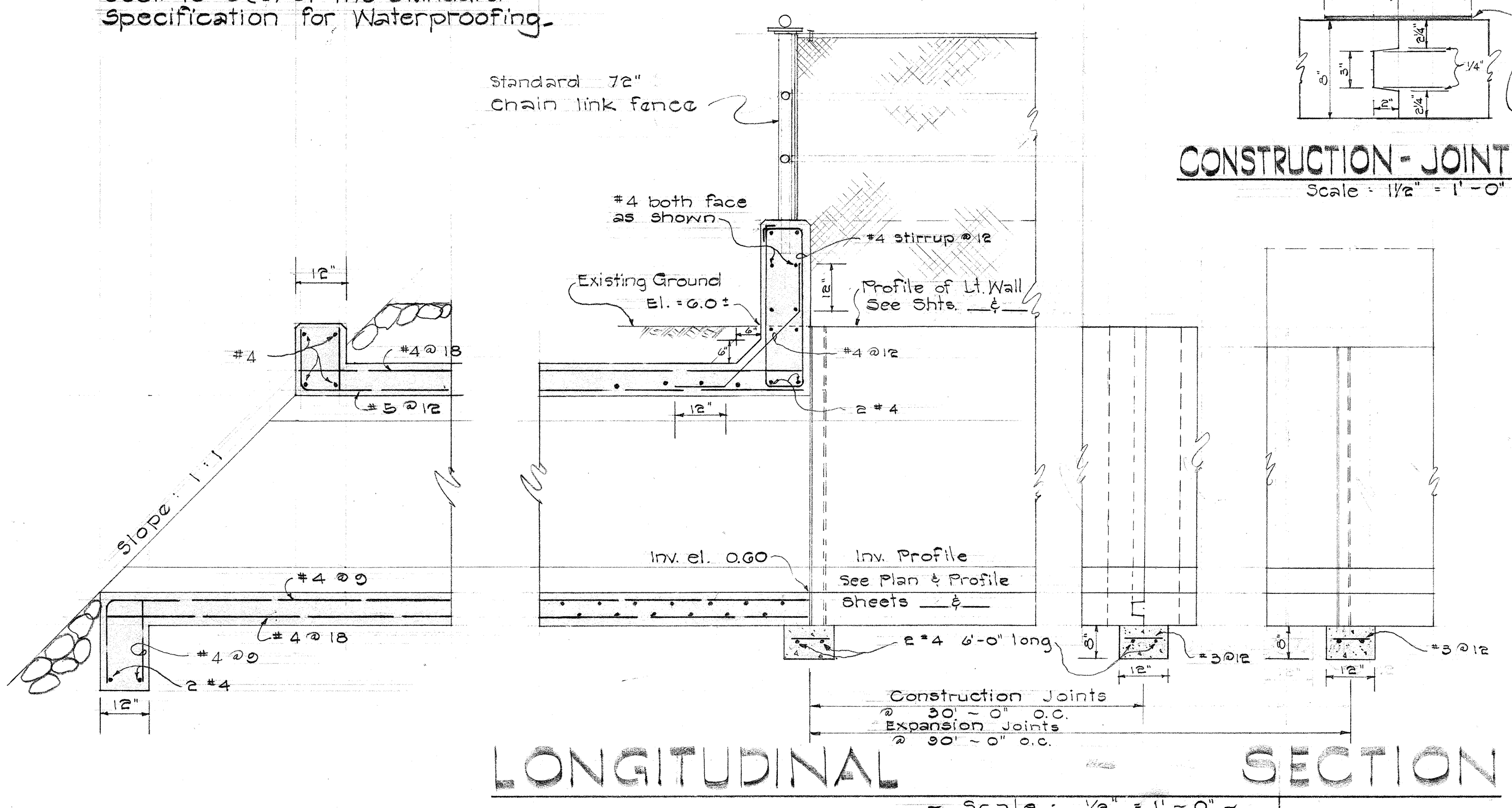
SECTION B-B
Scale: 1/2" = 1'-0"



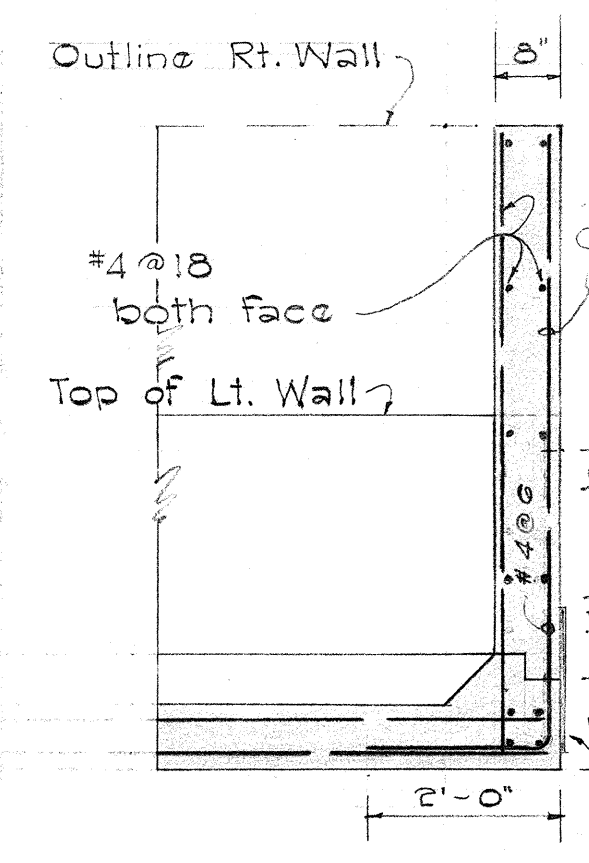
REINF. DETAIL AT PIPE CULVERT SECTION
Scale: 1/2" = 1'-0"



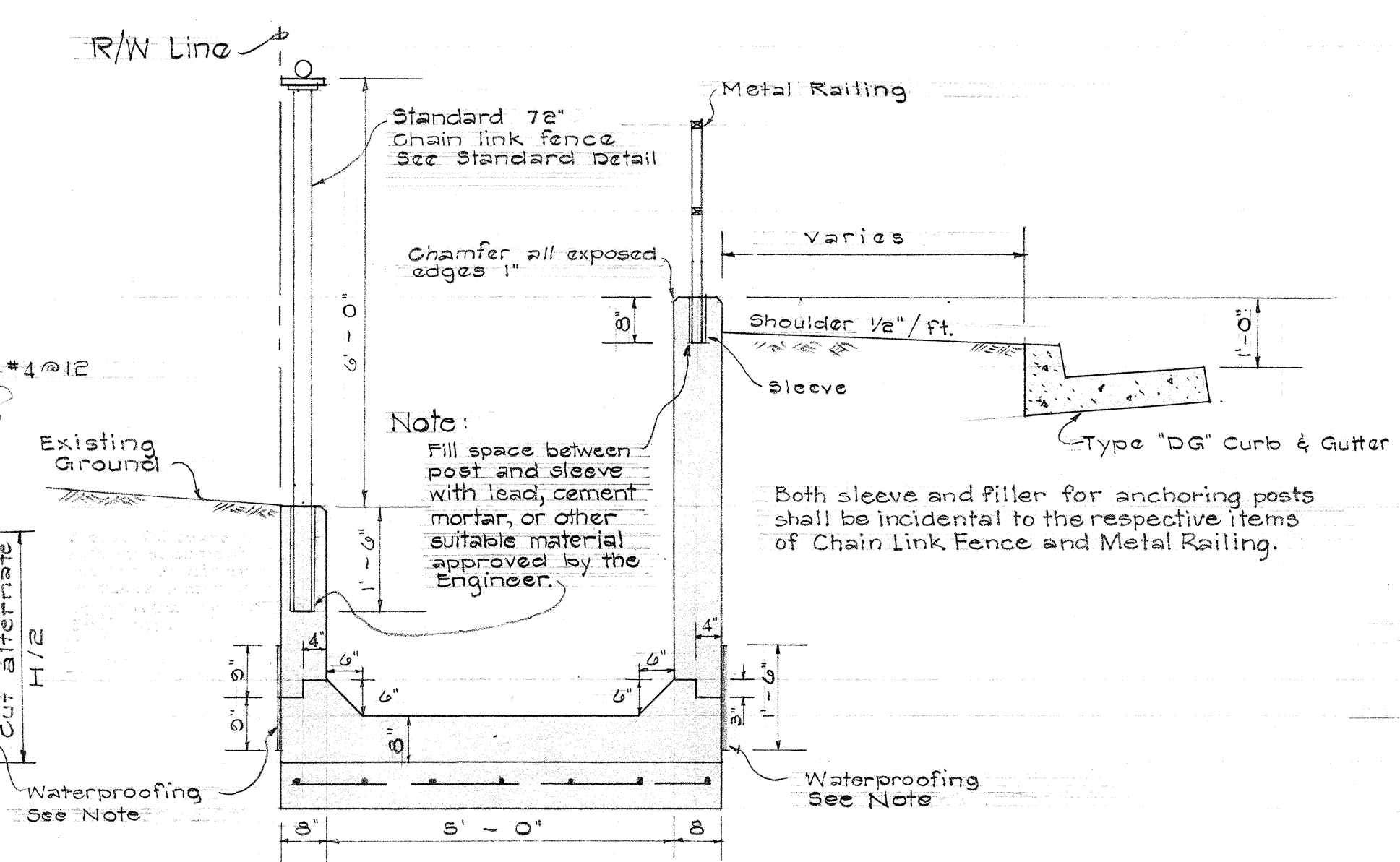
CONSTRUCTION-JOINT DETAIL
Scale: 1/2" = 1'-0"



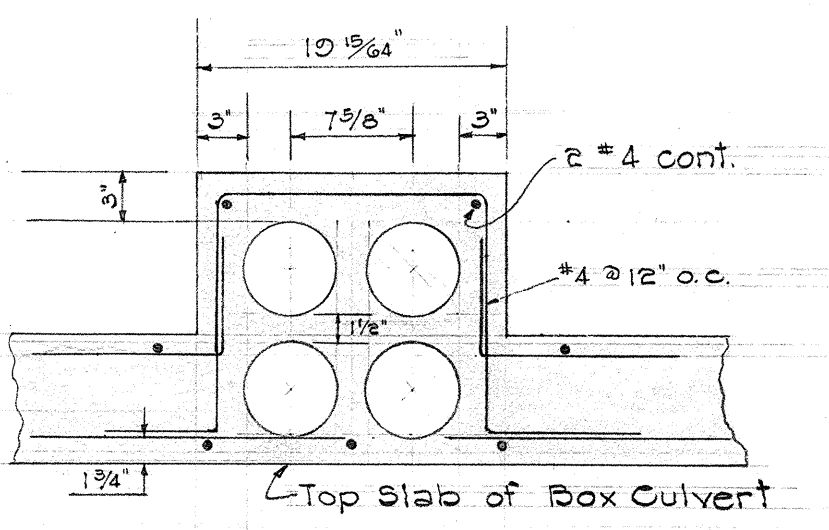
LONGITUDINAL SECTION
Scale: 1/2" = 1'-0"



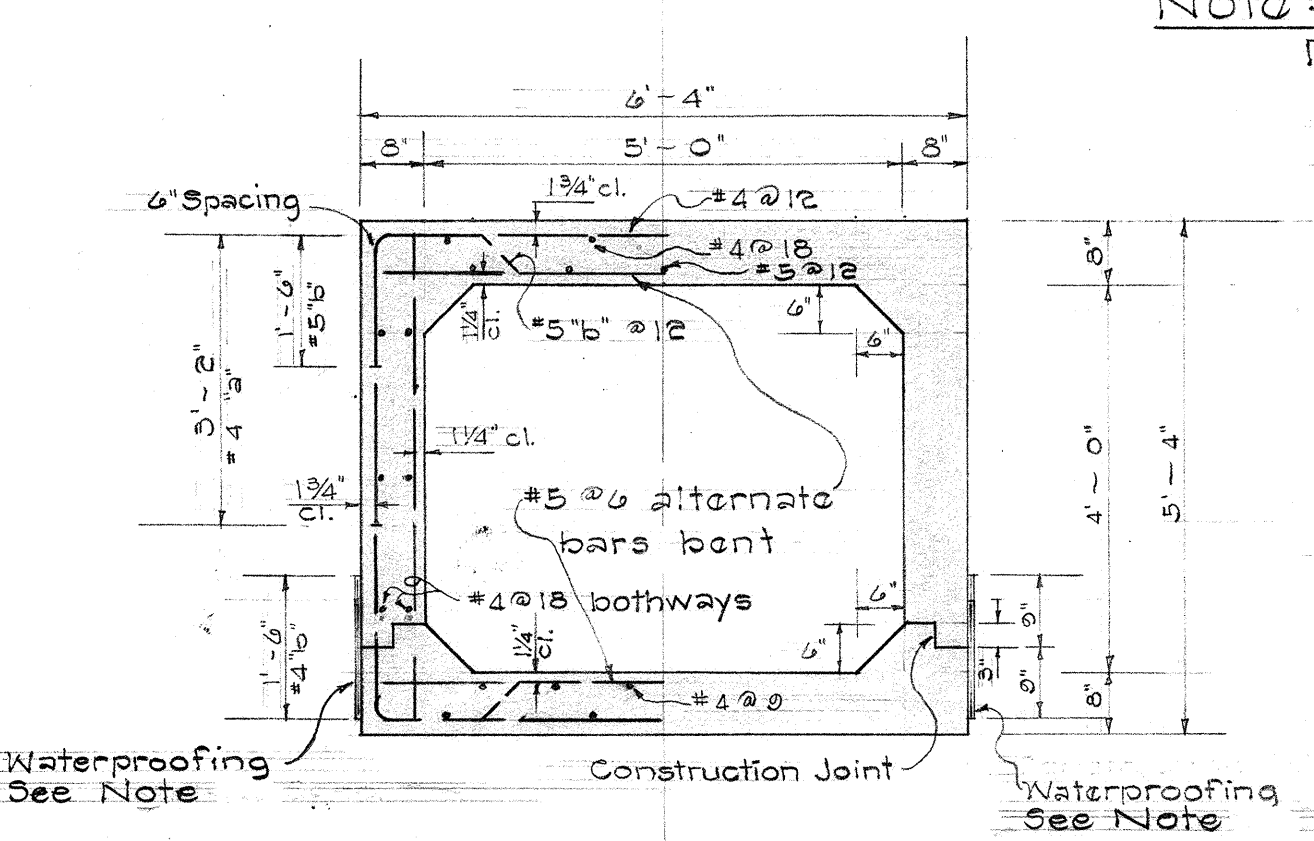
OUTLINE RT. WALL
Scale: 1/2" = 1'-0"



TYPICAL DITCH SECTION
Scale: 1/2" = 1'-0"

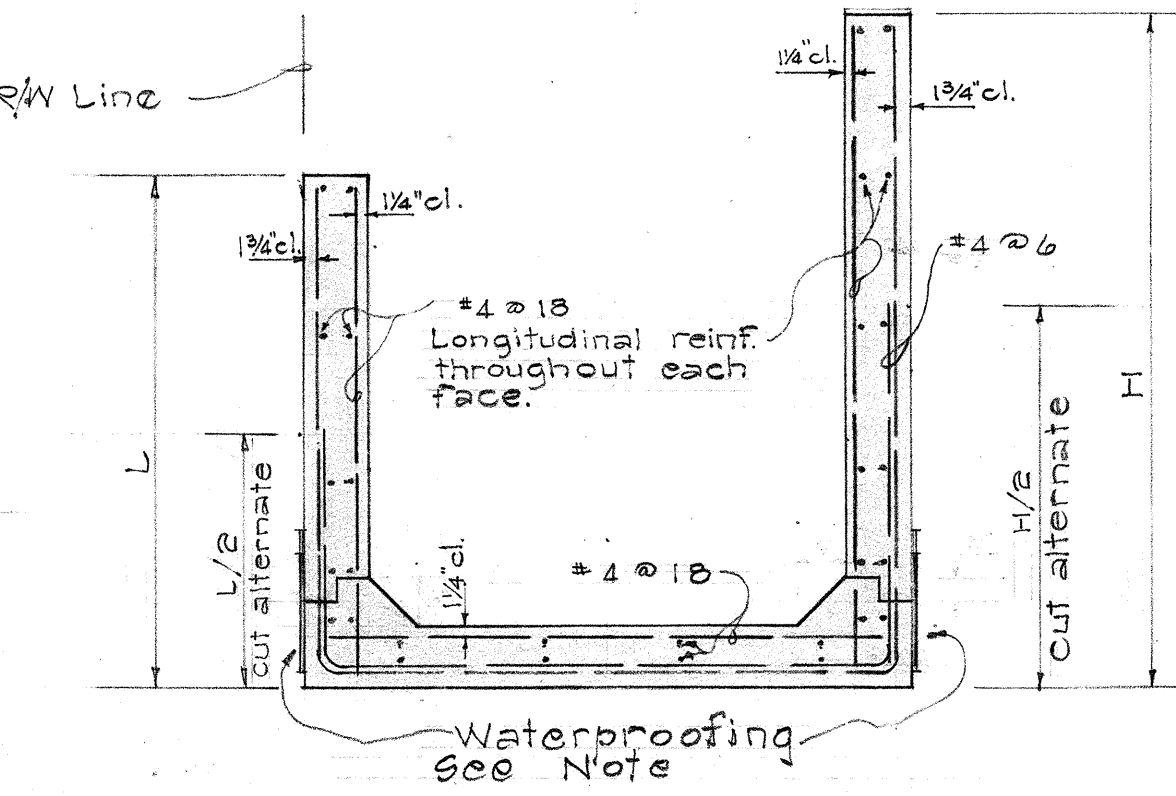
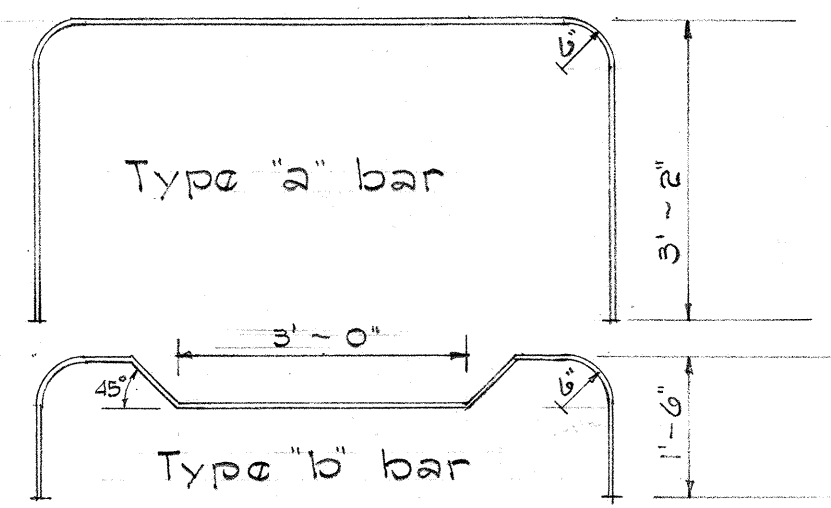


SECTION SHOWING X-ING OF FOUR 5" DUCTS THROUGH BOX CULVERT
at Sta. 138+25 and 138+70
Scale: 1" = 1'-0"

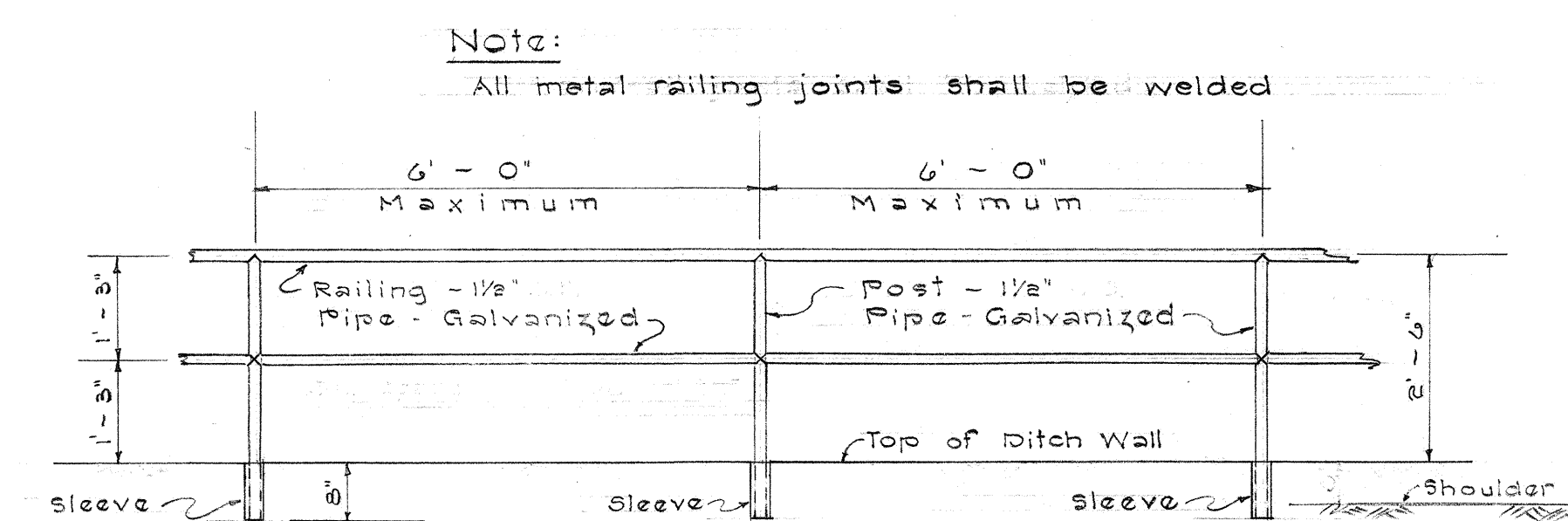


TYPICAL BOX SECTION
Scale: 1/2" = 1'-0"

Note:
Box details are symmetrical about the vertical and horizontal axes at the center of the box, except where shown otherwise.



DITCH SECTION REINF. DETAIL
Scale: 1/2" = 1'-0"



ELEVATION-METAL RAILING
Scale: 1/2" = 1'-0"

SECTION SHOWING X-ING OF TWO 5" DUCTS THROUGH BOX CULVERT
at Sta. 138+75
Scale: 1" = 1'-0"

NOTE:
Ducts through Box Culvert will be paid under item for installing duct in concrete structures.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
DETAILS OF CONC. BOX CULVERT AND CONC. LINED DITCH
Sta. 138+25 to Sta. 148+90
FARRINGTON HWY.
Proj. No. F-090-1(5)
Scale: As Shown Date: April 12, 1962
SHEET No. 1 OF 1 SHEETS

ORIGINAL PLAN	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
No.	