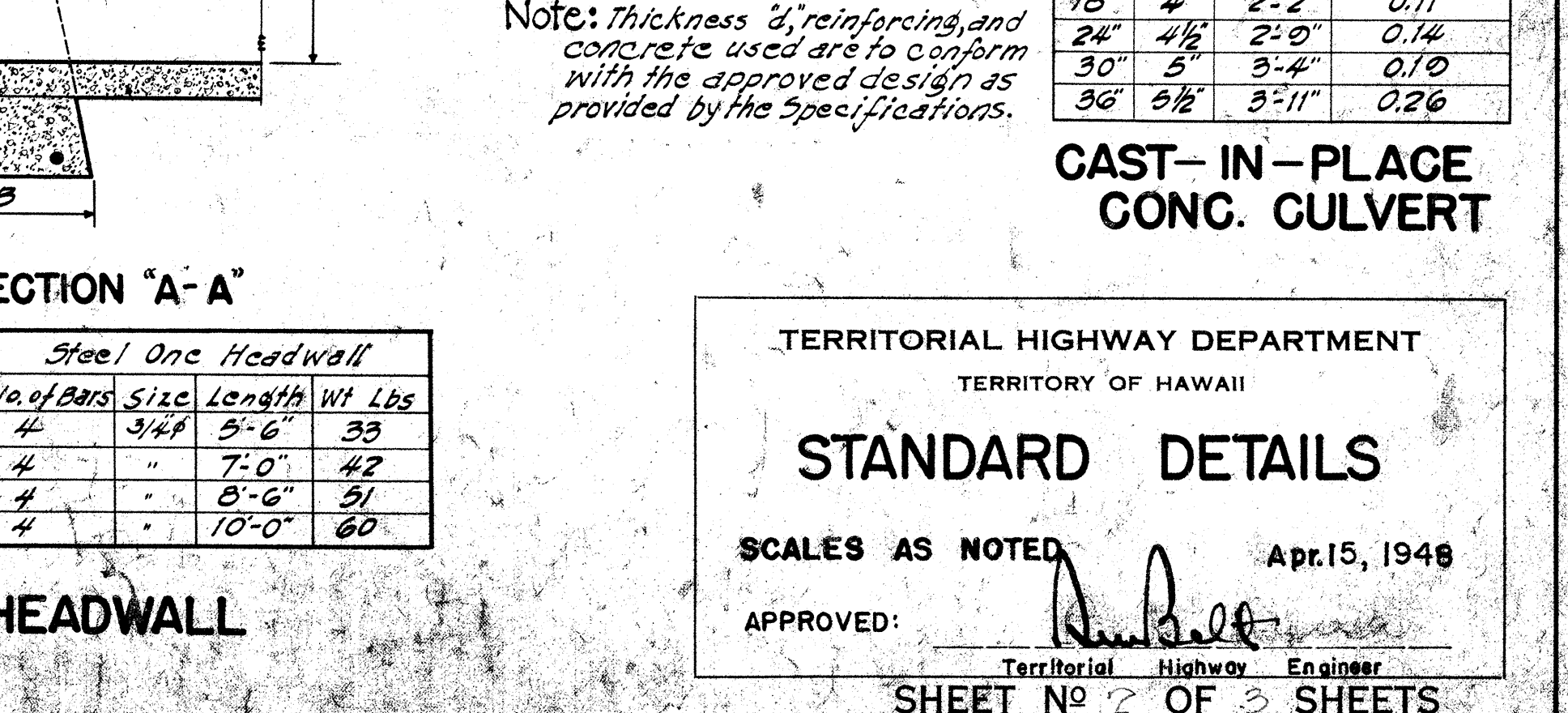
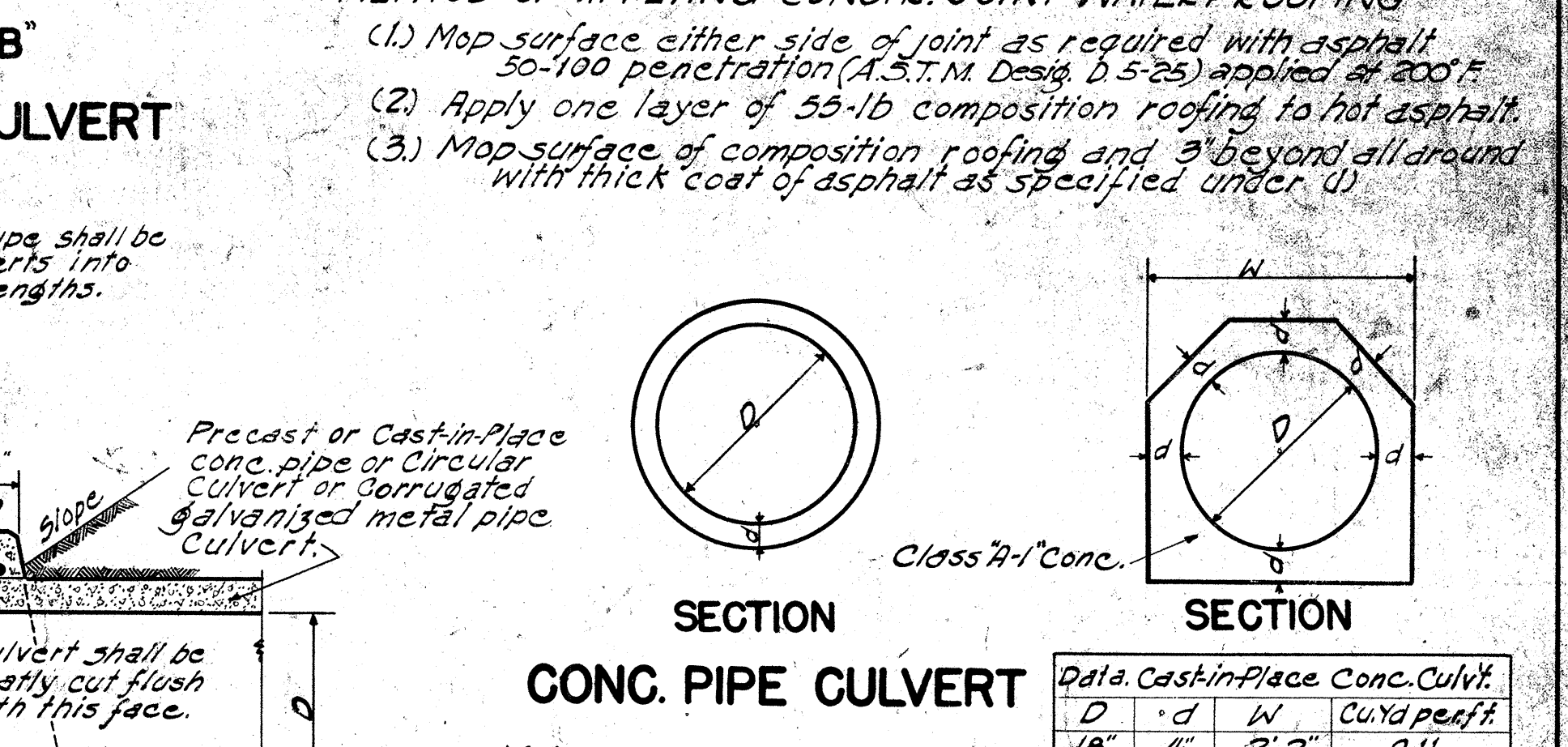
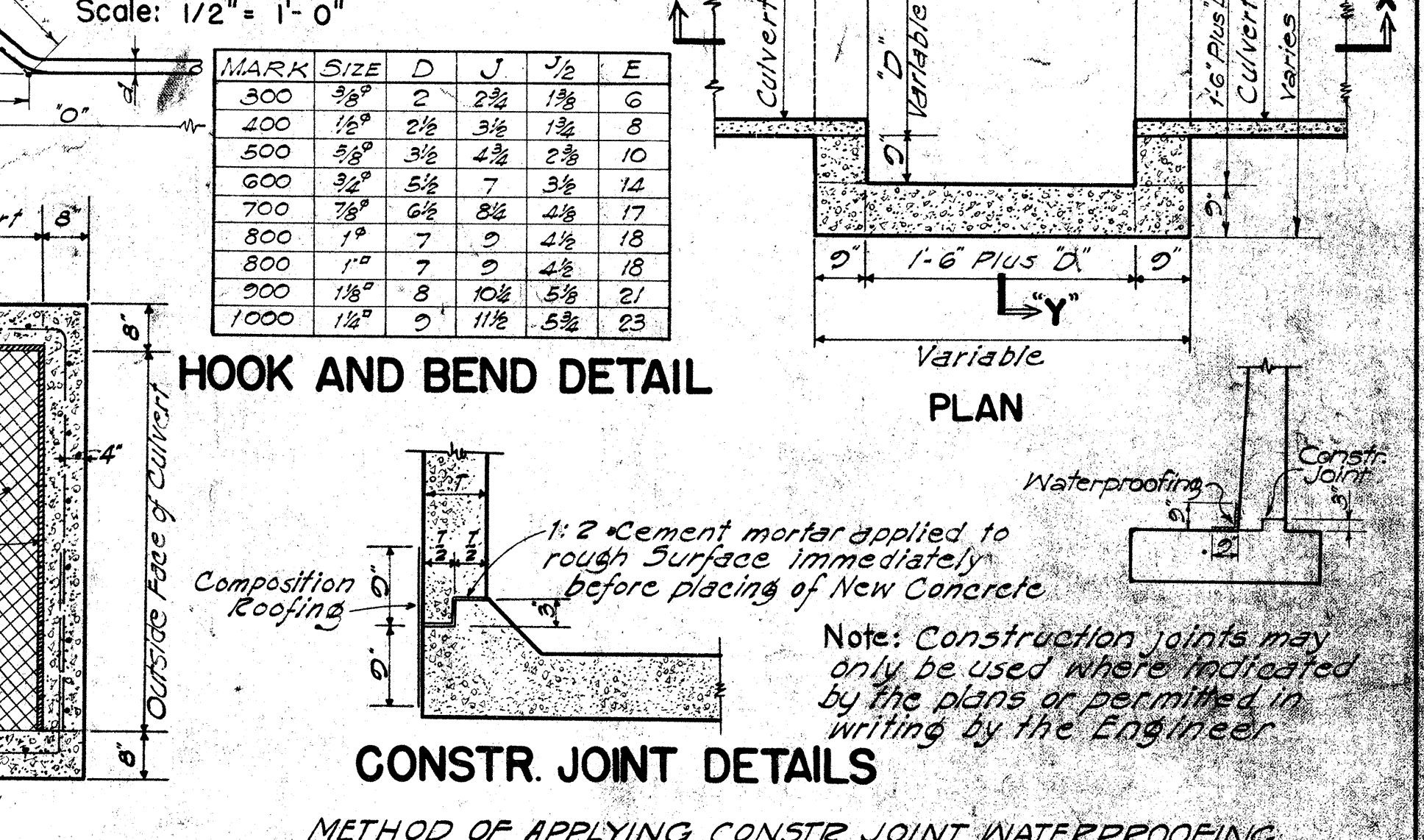
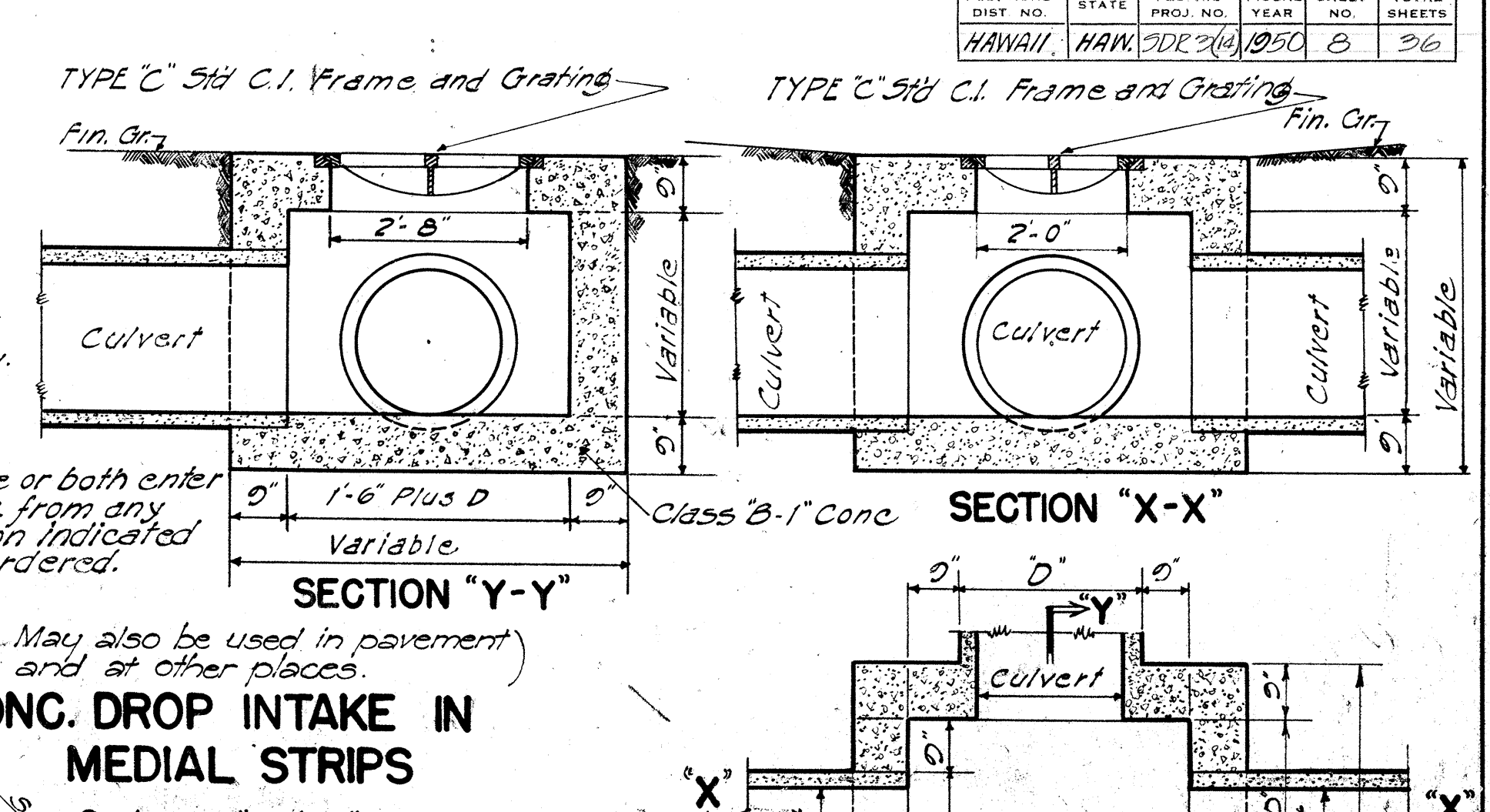
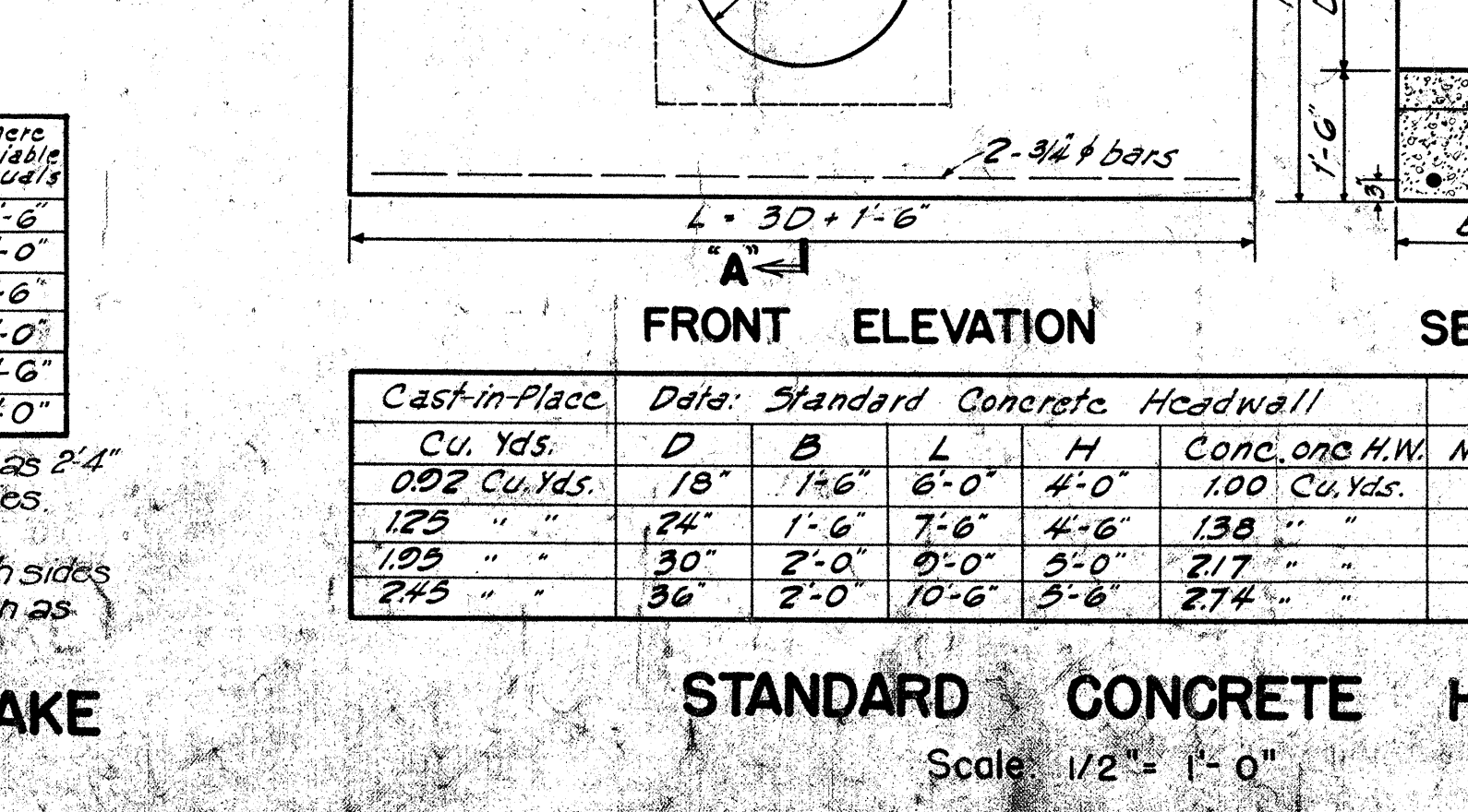
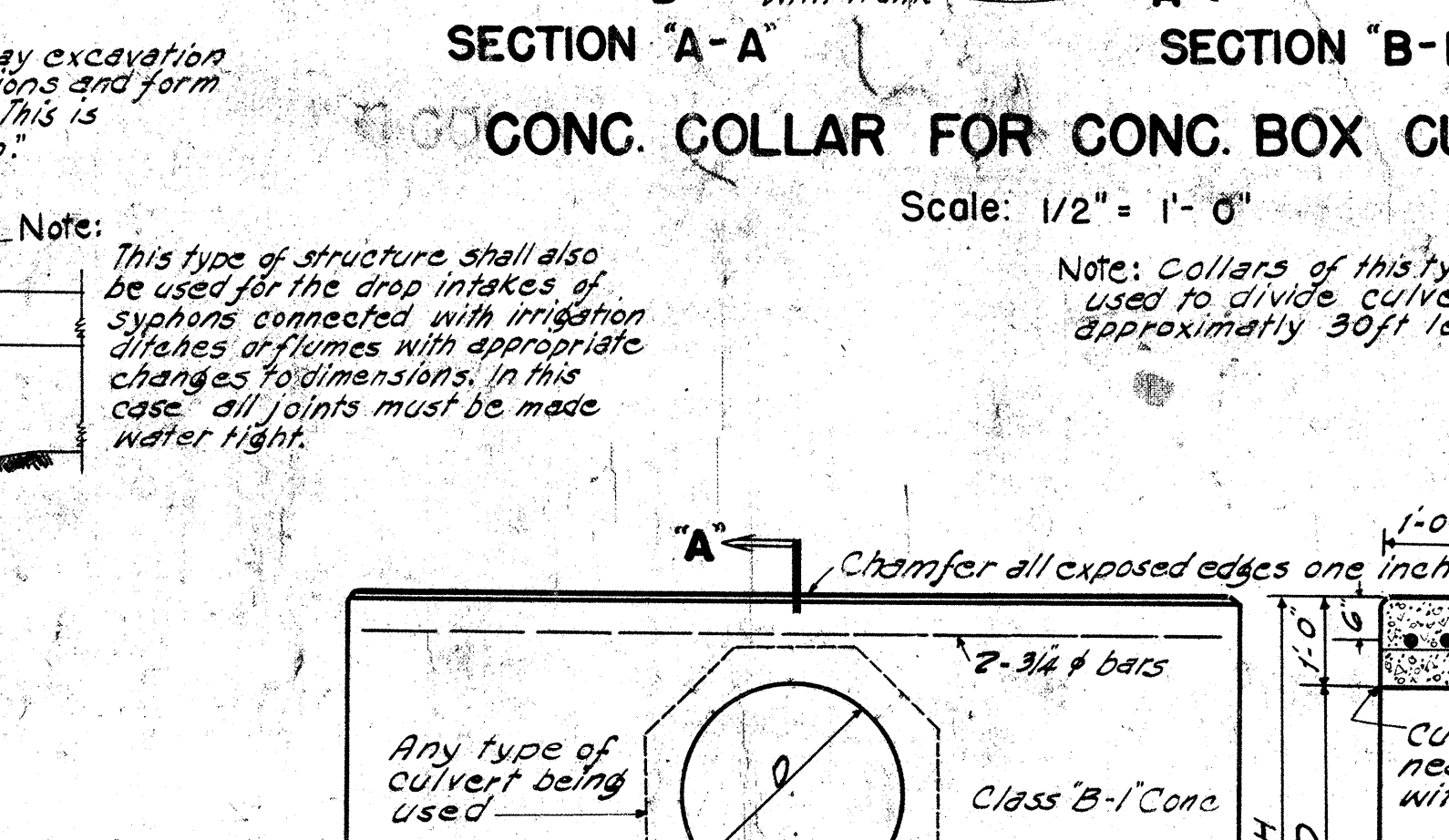
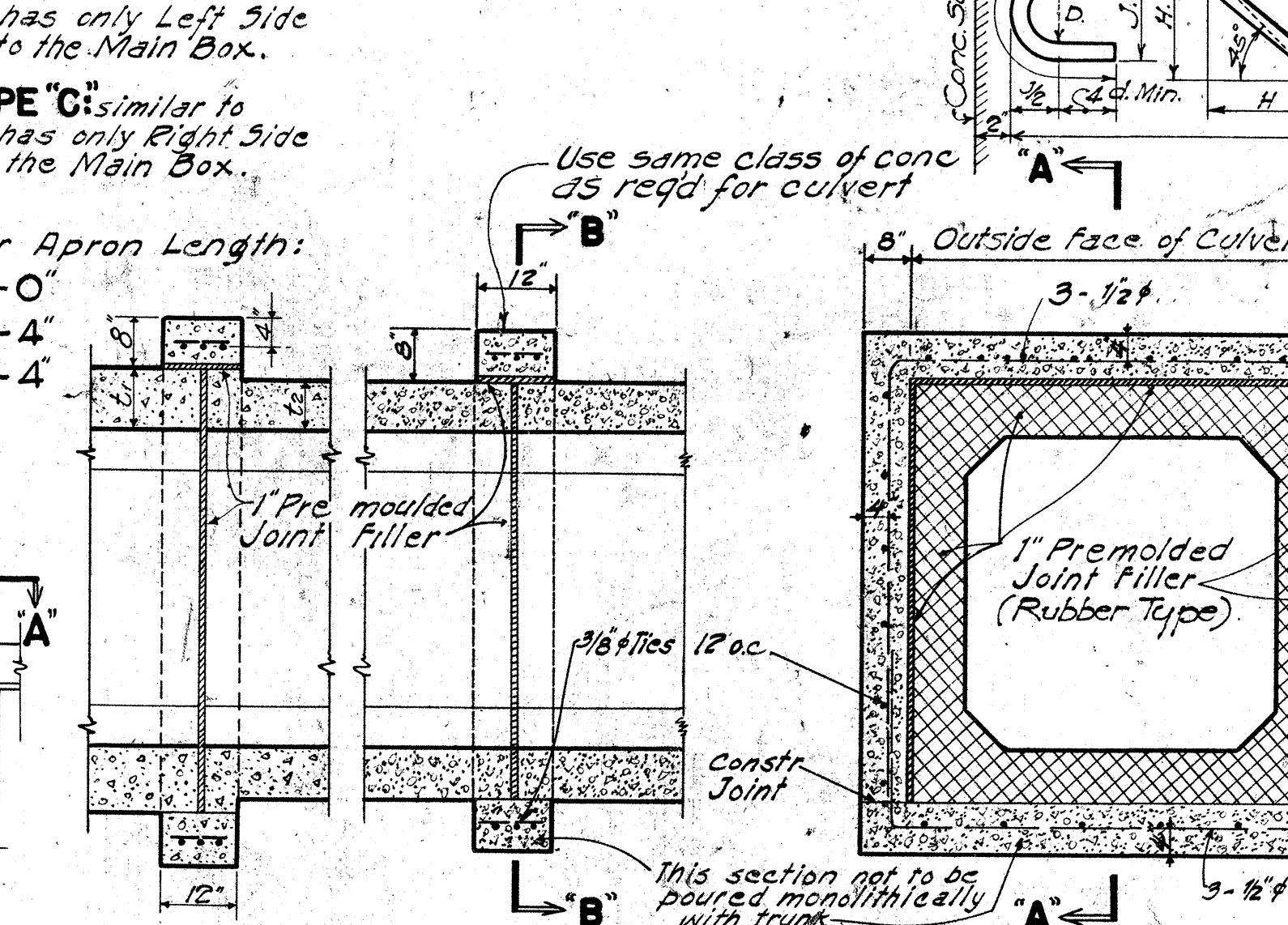
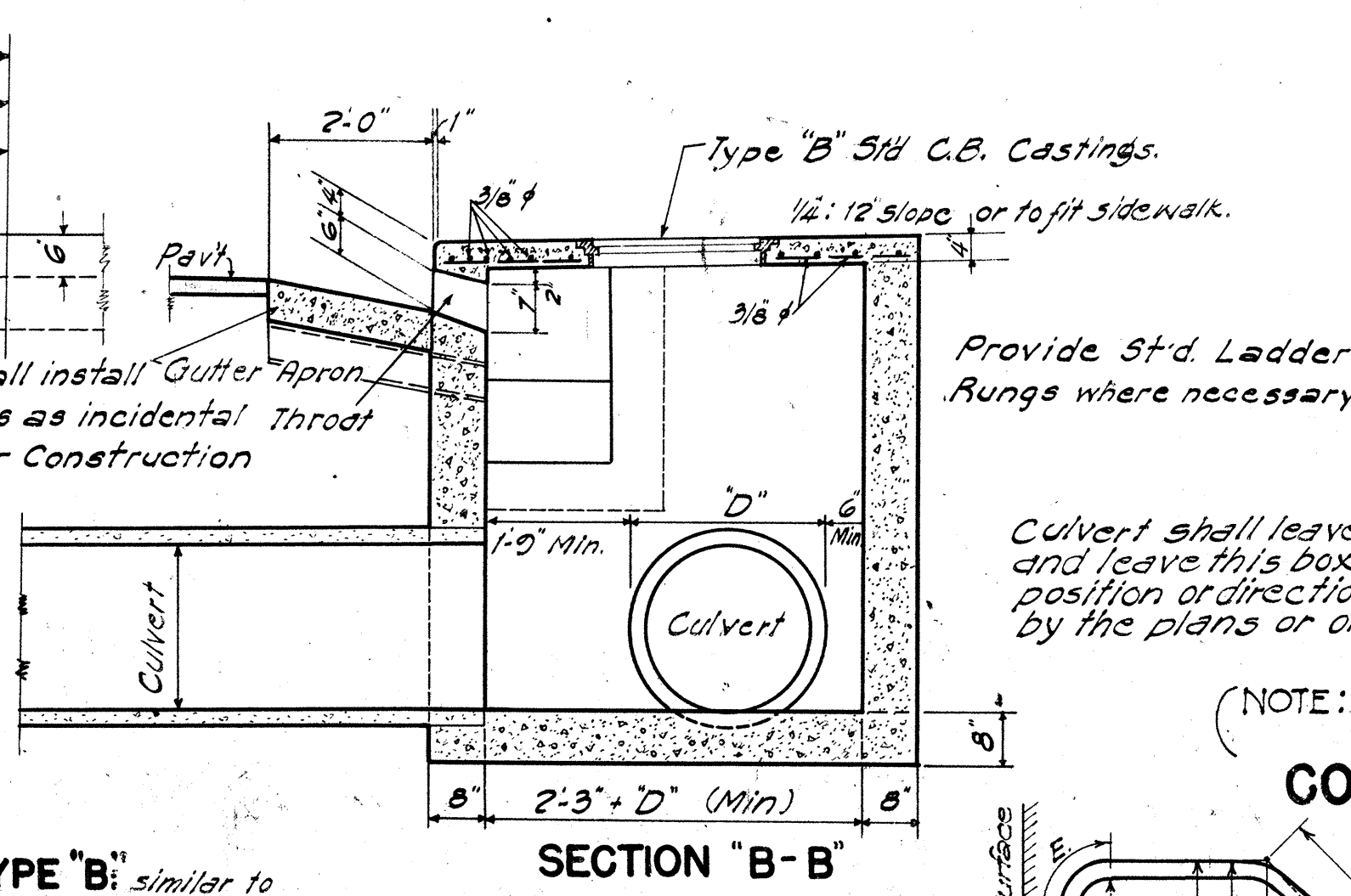
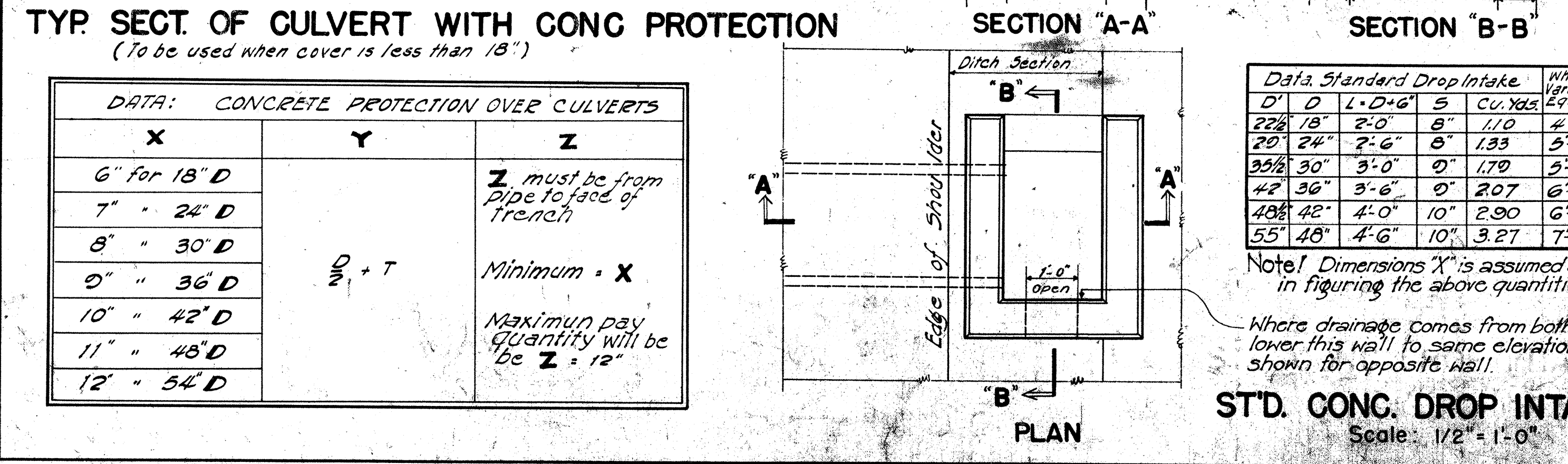
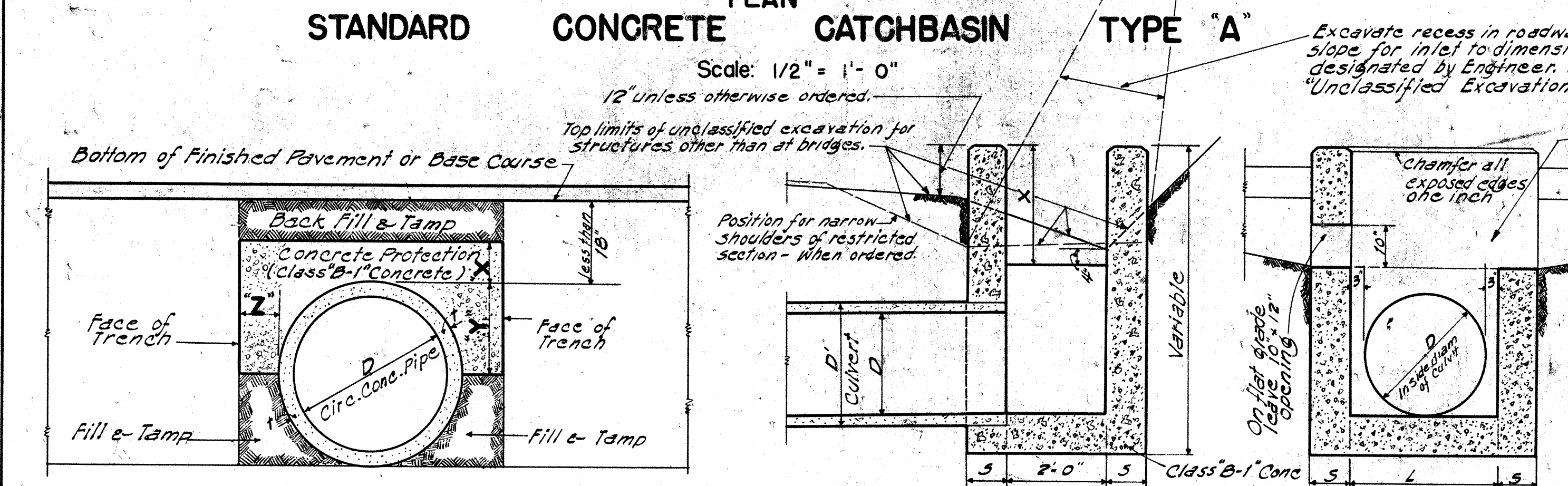
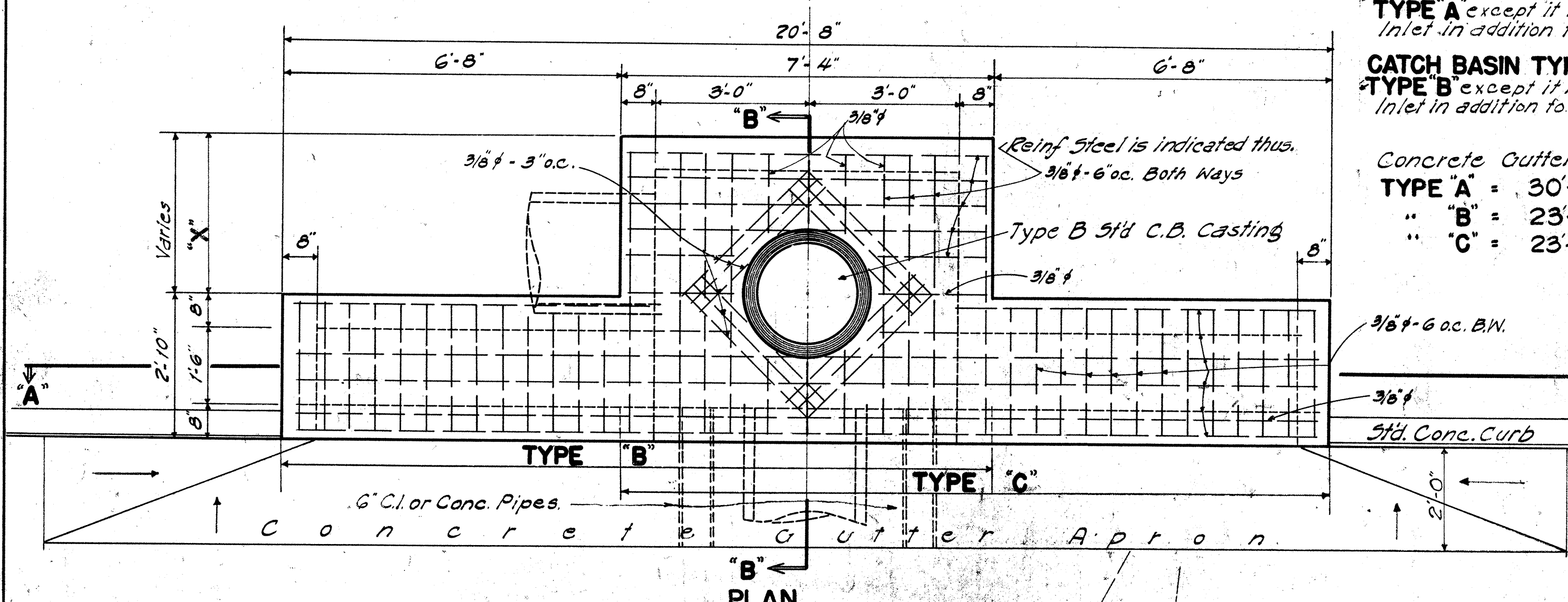
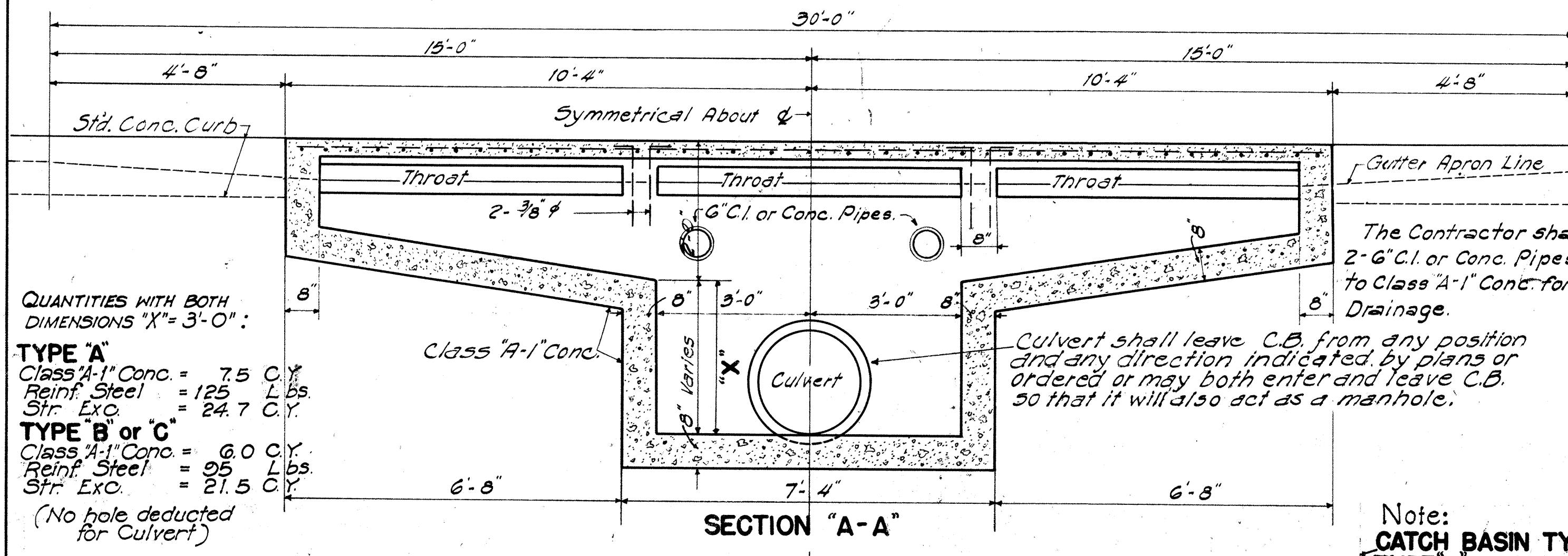




TYP. SECT. OF CULVERT WITH CONC PROTECTION
 (To be used when cover is less than 18")

DATA: CONCRETE PROTECTION OVER CULVERTS		
X	Y	Z
6" for 18" D		Z must be from pipe to face of trench
7" " 24" D		
8" " 30" D		
9" " 36" D		
10" " 42" D		
11" " 48" D		
12" " 54" D		

Minimum X
 Maximum Y
 quantity will be Z = 12"

ST'D. CONC. DROP INTAKE
 Scale: 1/2" = 1'-0"

Data: Standard Drop Intake		
D	L	Cu. Yds.
18"	2'-0"	1.10
24"	2'-6"	1.33
30"	3'-0"	1.70
36"	3'-6"	2.07
42"	4'-0"	2.90
48"	4'-6"	3.27

Note: Dimensions "X" is assumed as 2'-4" in figuring the above quantities.

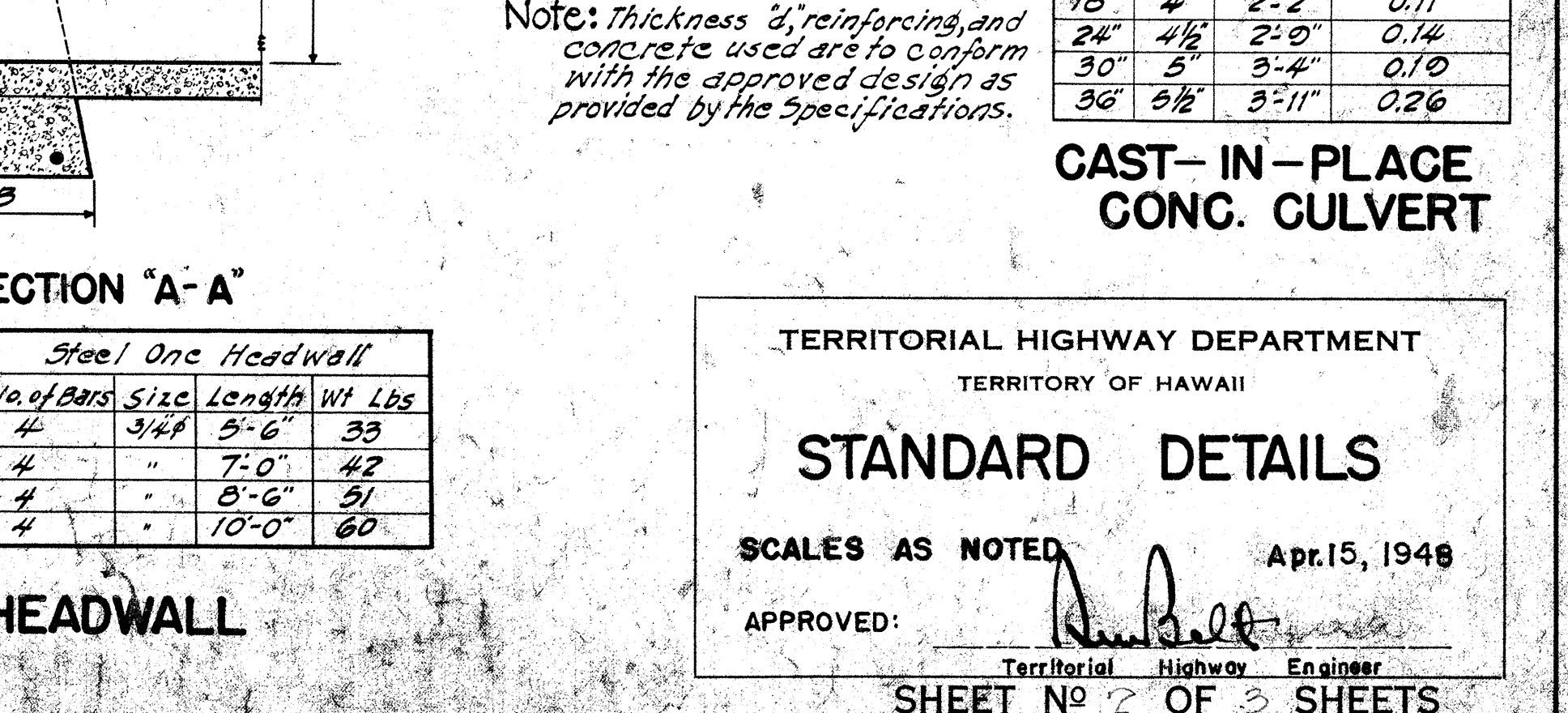
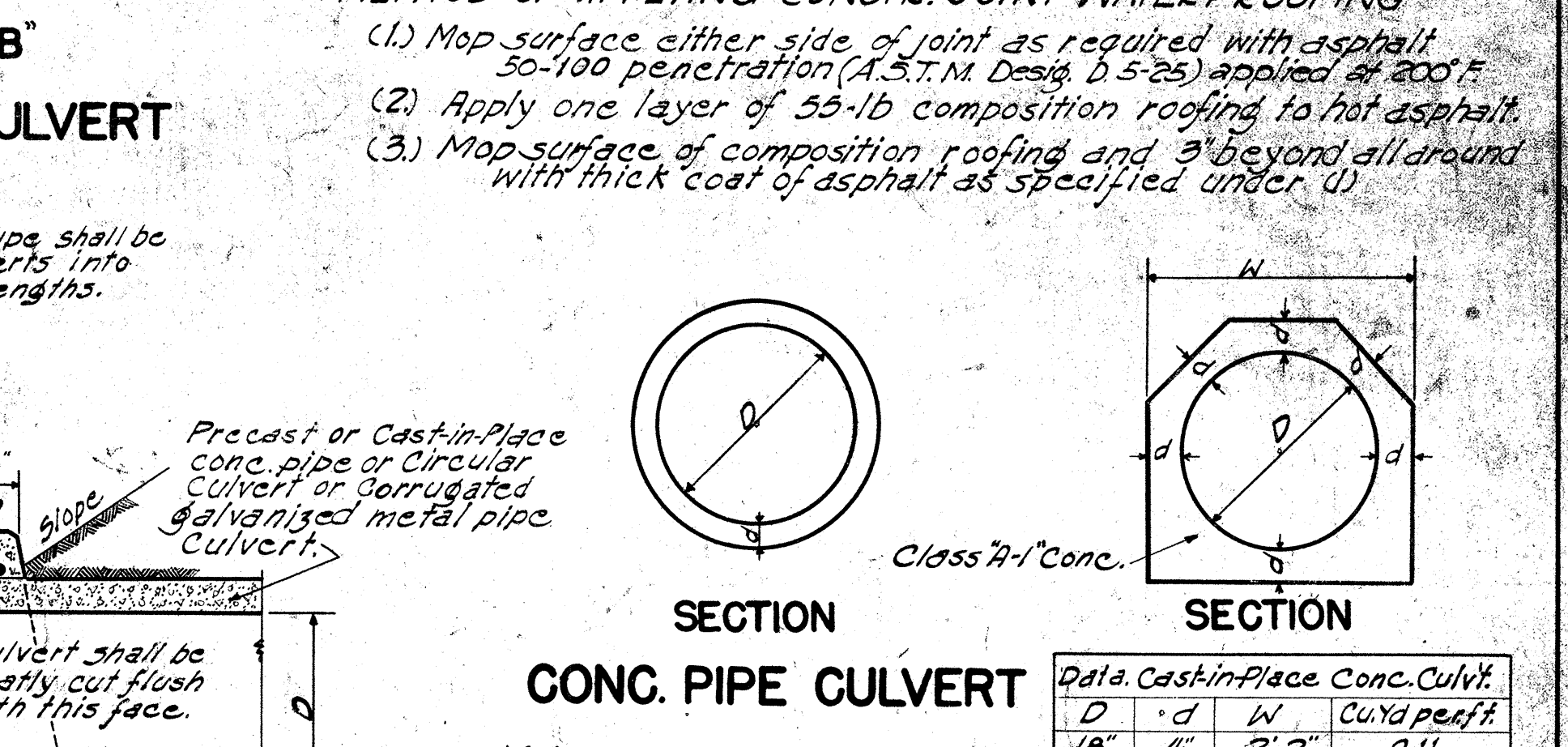
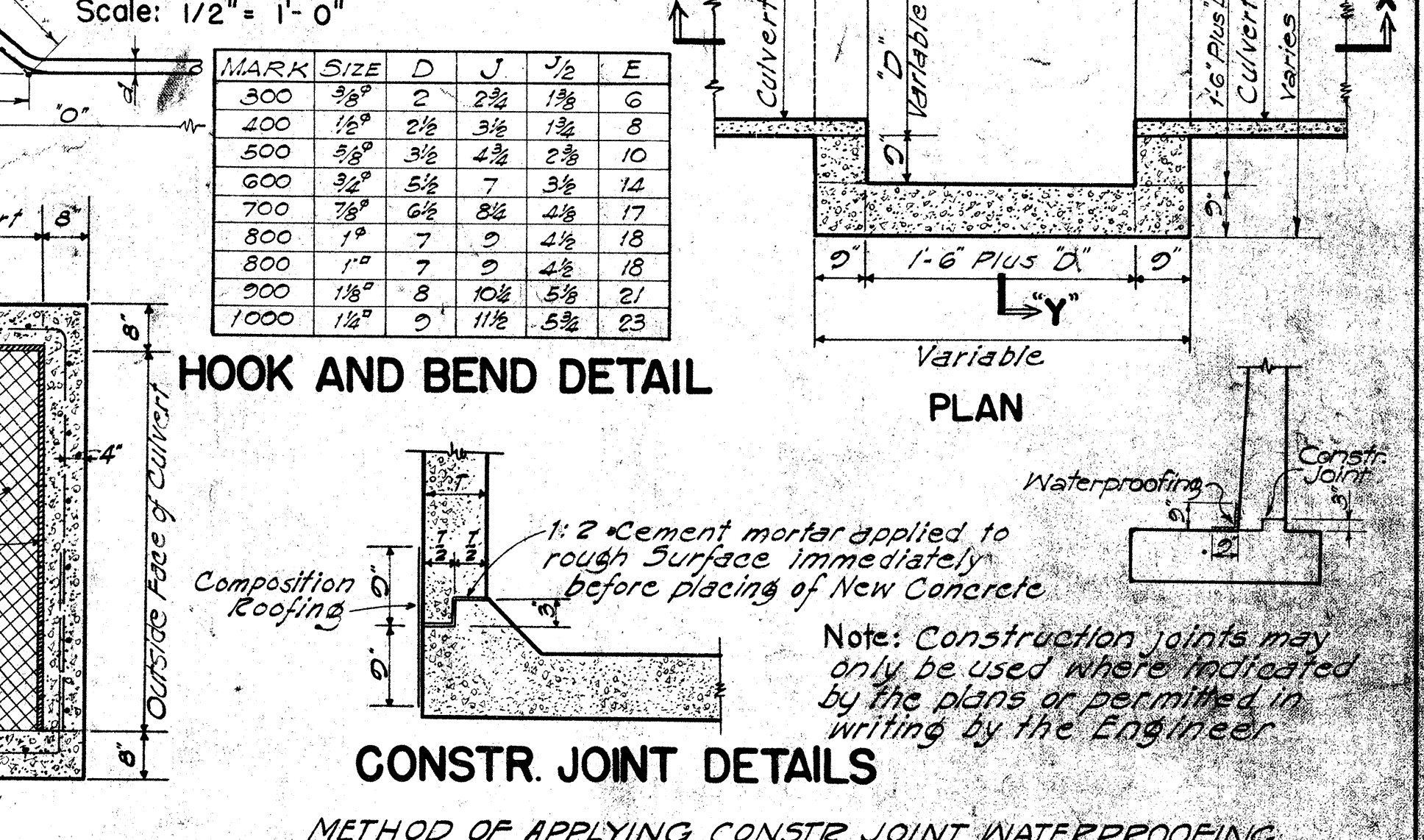
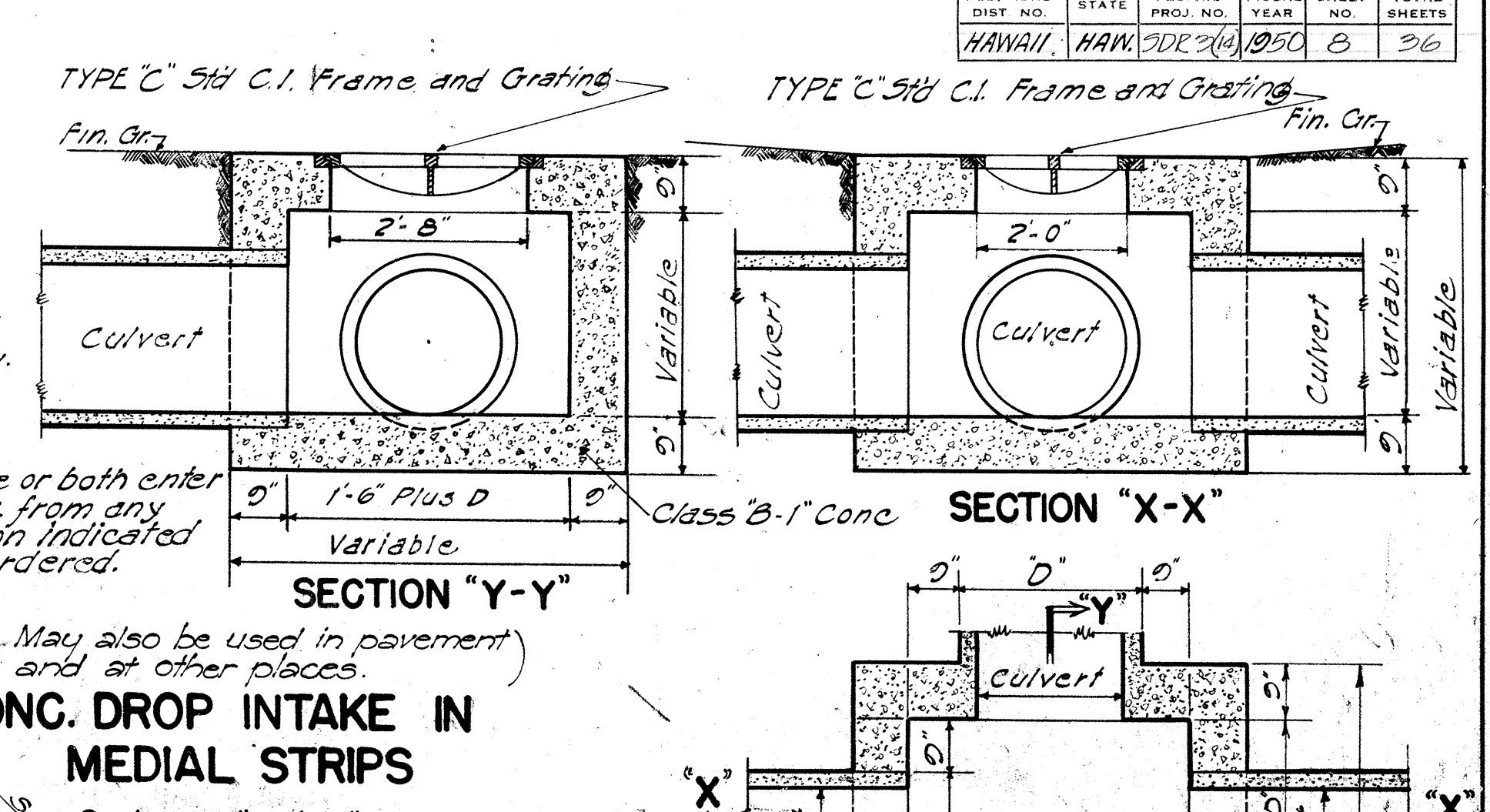
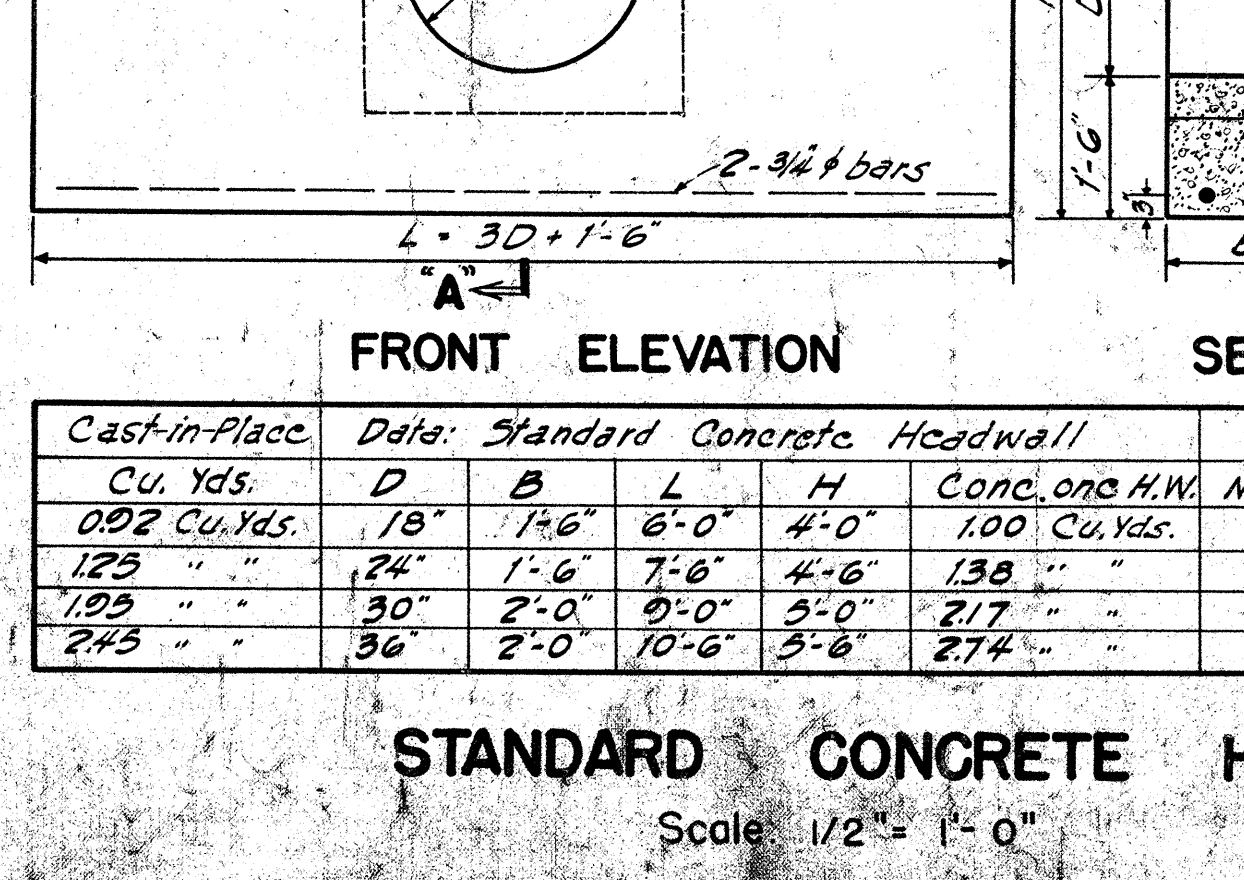
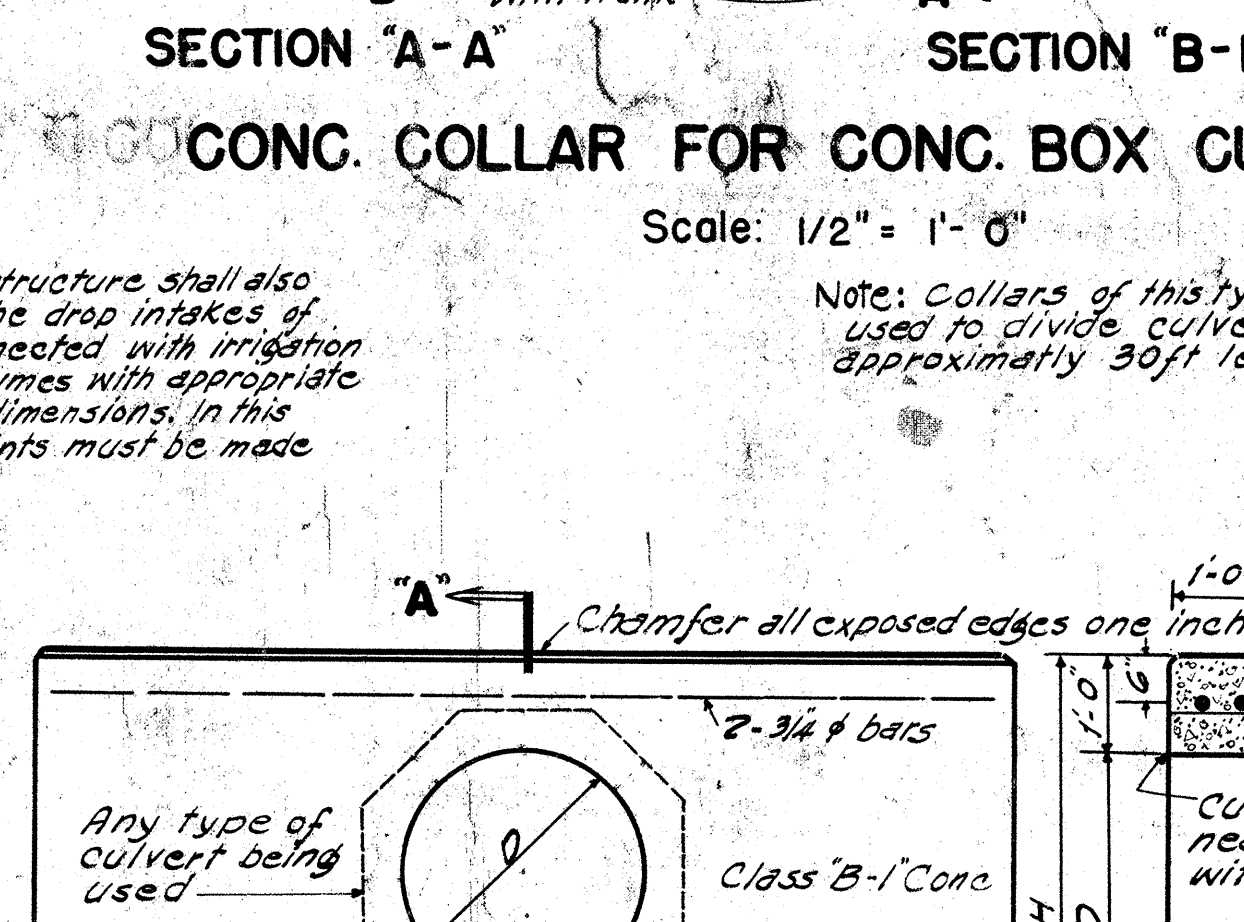
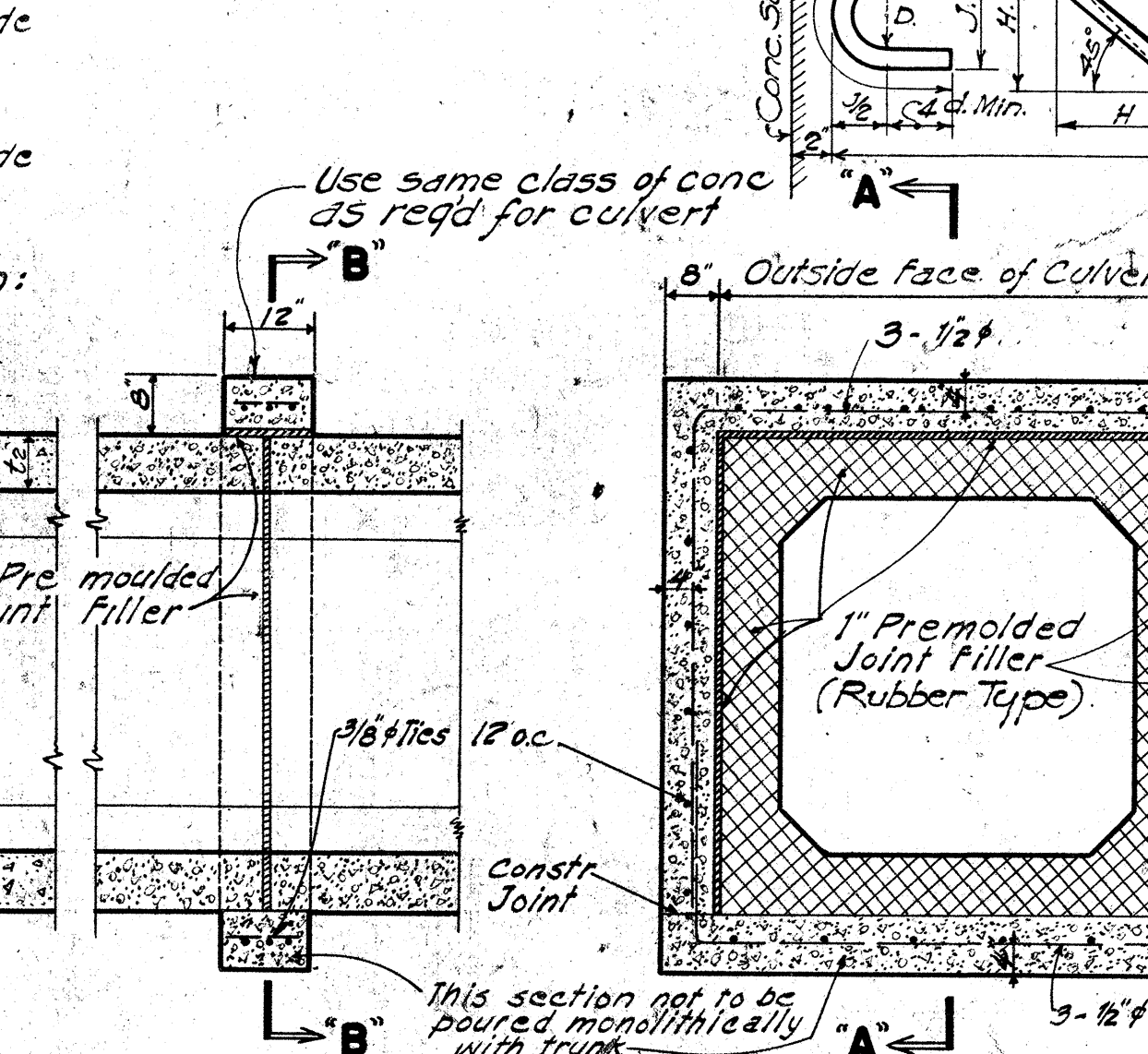
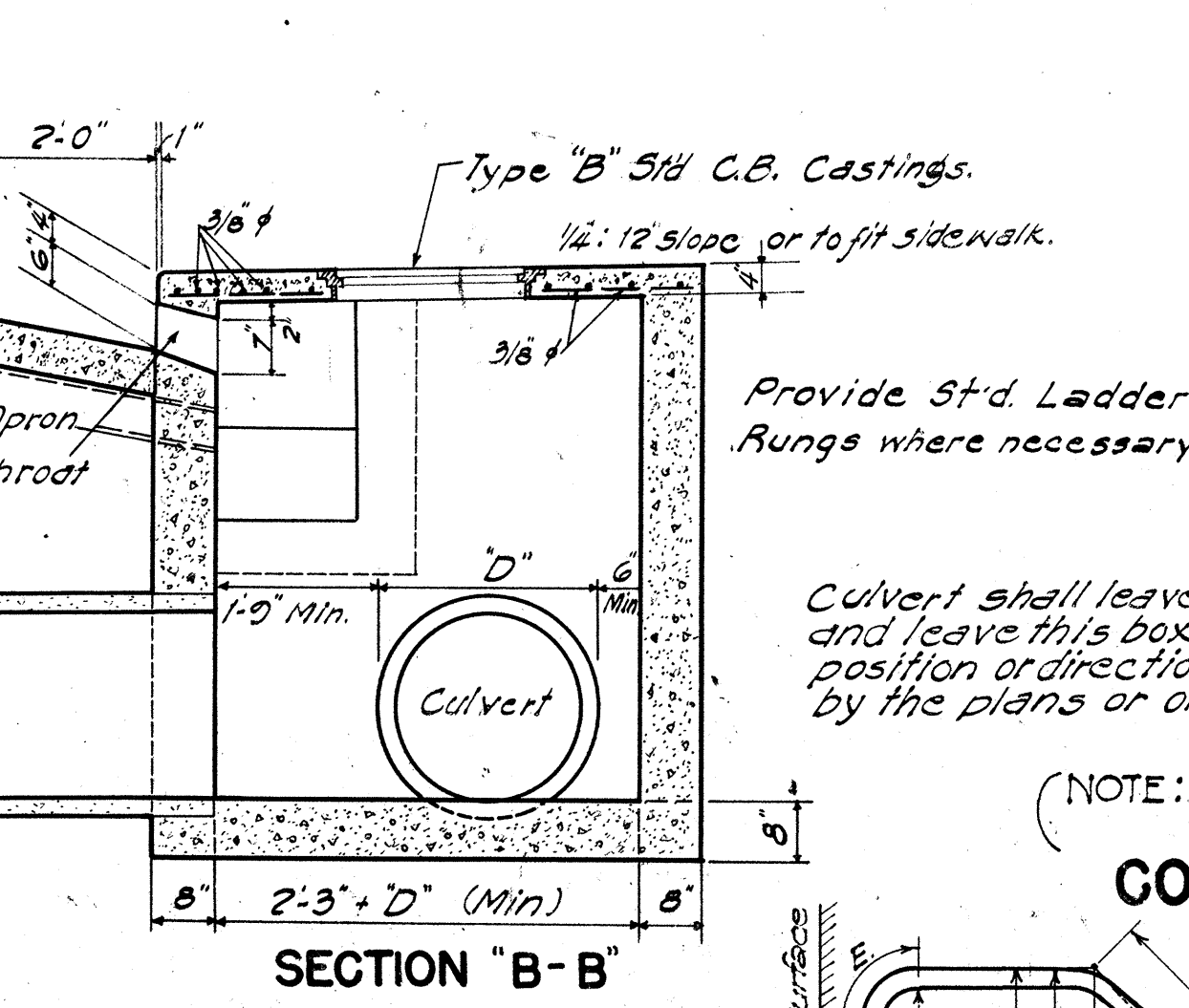
Where drainage comes from both sides lower this wall to same elevation as shown for opposite wall.

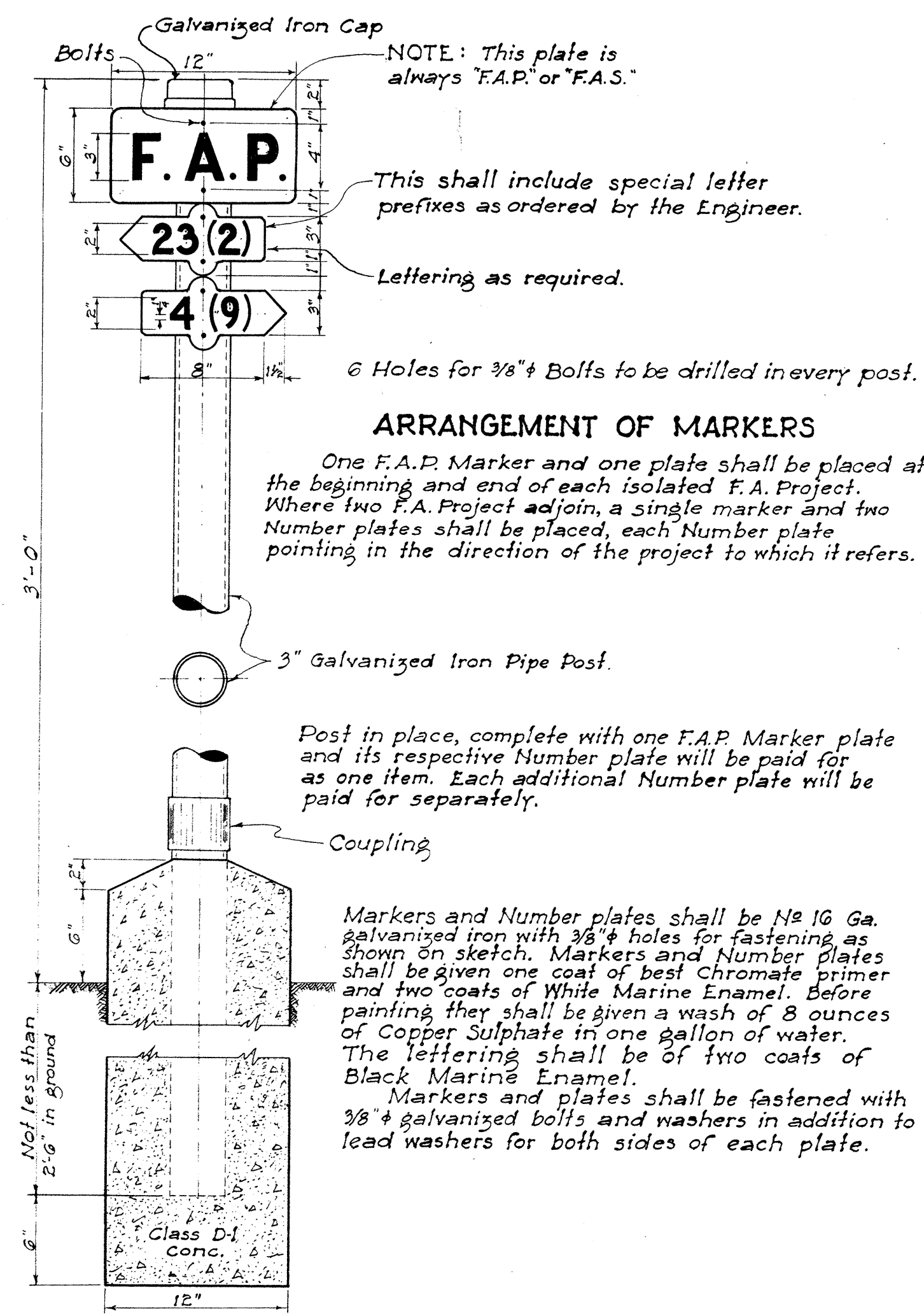
ST'D. CONC. DROP INTAKE
 Scale: 1/2" = 1'-0"

Data: Standard Drop Intake		
D	L	Cu. Yds.
18"	2'-0"	1.10
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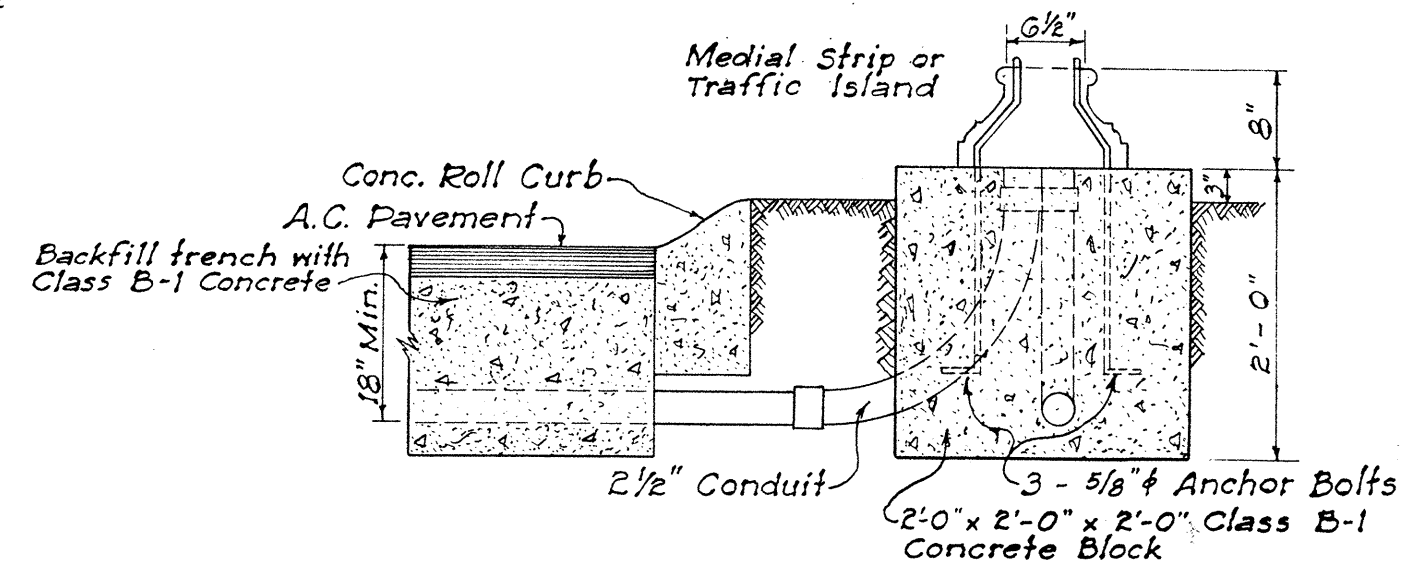
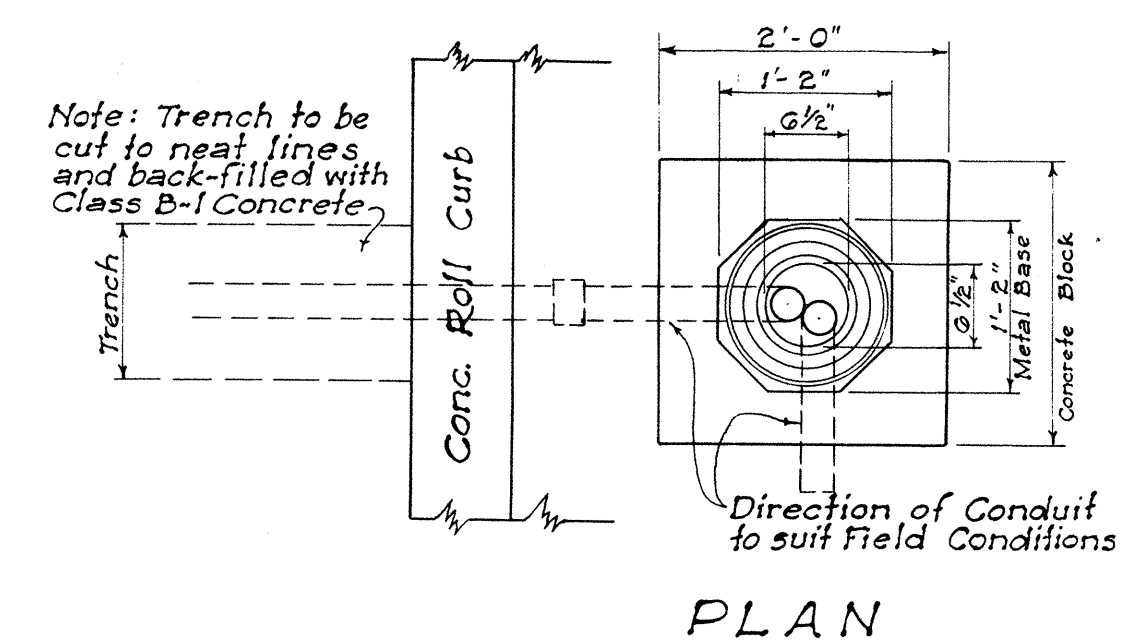
Note: Dimensions "X" is assumed as 2'-4" in figuring the above quantities.

Where drainage comes from both sides lower this wall to same elevation as shown for opposite wall.



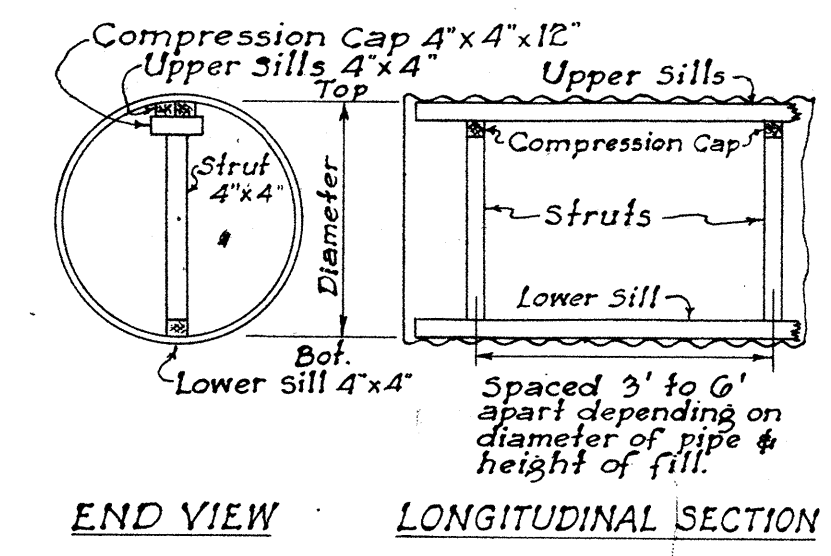


FEDERAL AID MARKER
Scale: 1 1/2" = 1'-0"



NOTE: Unless otherwise specified, all concrete for base for Traffic Standards, Pull Boxes, Concrete Jackets for Transite Ducts shall be Class B-1 Concrete.

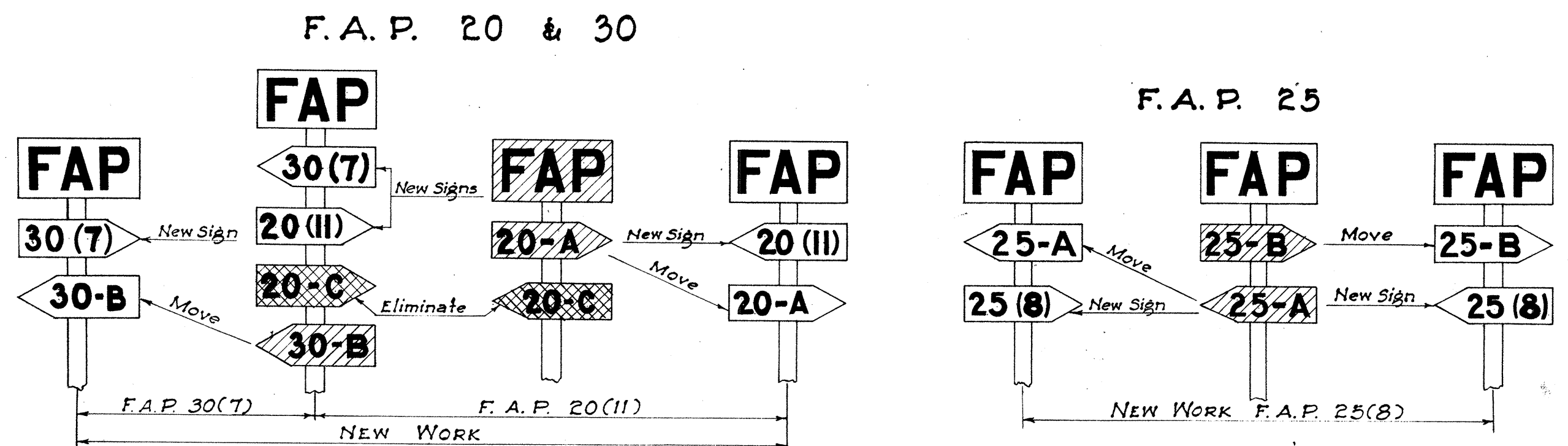
DETAIL OF BASE FOR TRAFFIC STANDARD AND DISPATCHER PEDESTAL



Diameter of Pipe in inches	Length of Struts in inches	Spacing of Struts in ft. for Various Heights				
		FILL 1' to 5'	FILL 5' to 10'	FILL 10' to 20'	FILL 20' to 30'	FILL Over 30'
48	38 3/4	—	—	—	6	4
54	44 3/4	6	6	6	6	4
60	51	6	6	6	6	4
66	57 1/4	6	6	6	6	4
72	63 3/4	6	6	6	5	3.5
78	69 3/4	6	6	6	4.5	3.5
84	76 1/4	6	6	6	4	3

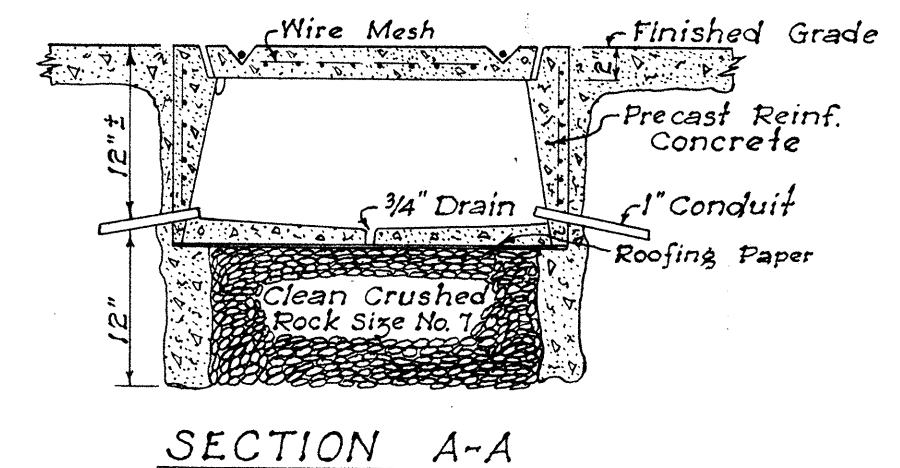
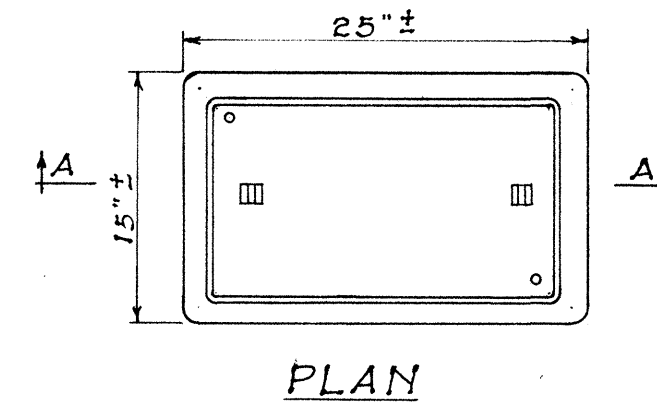
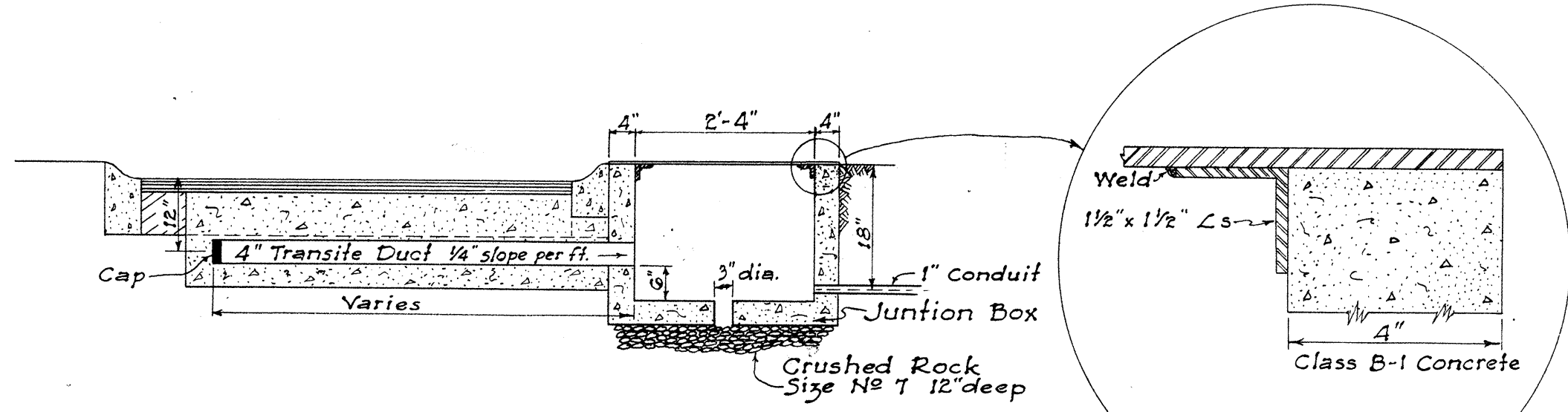
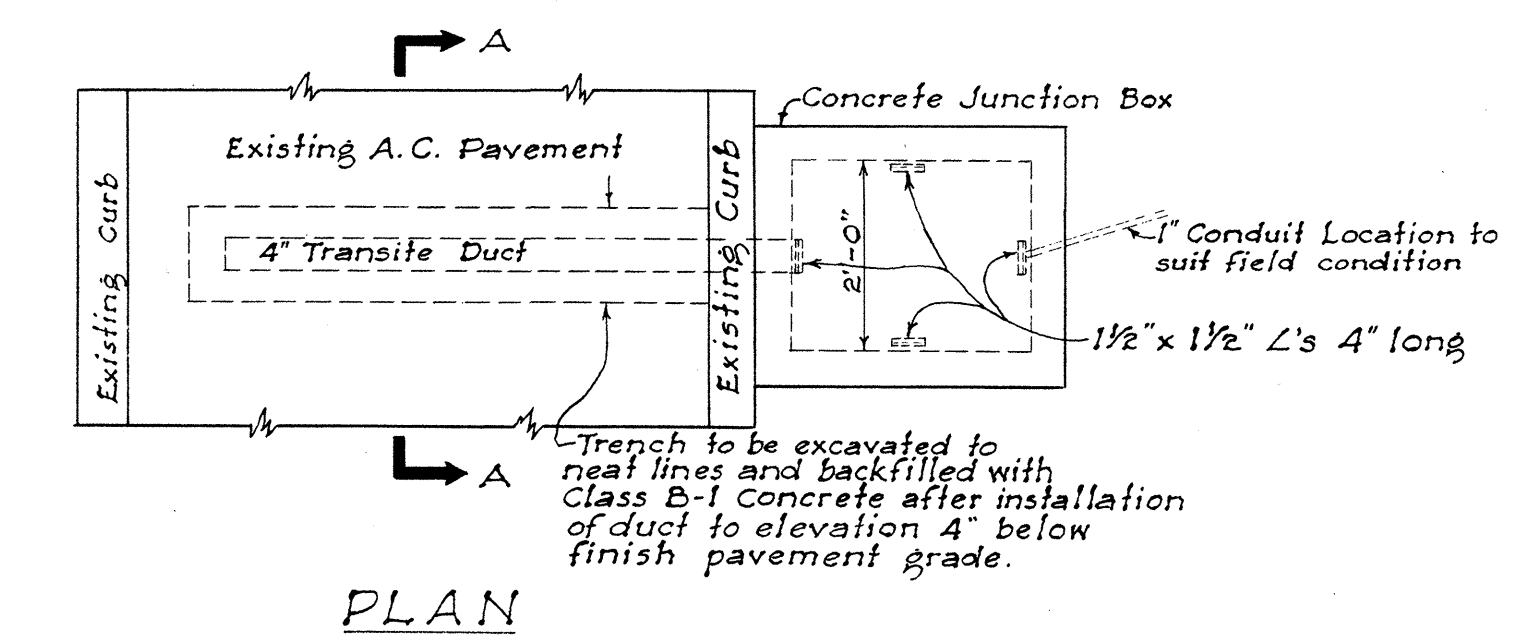
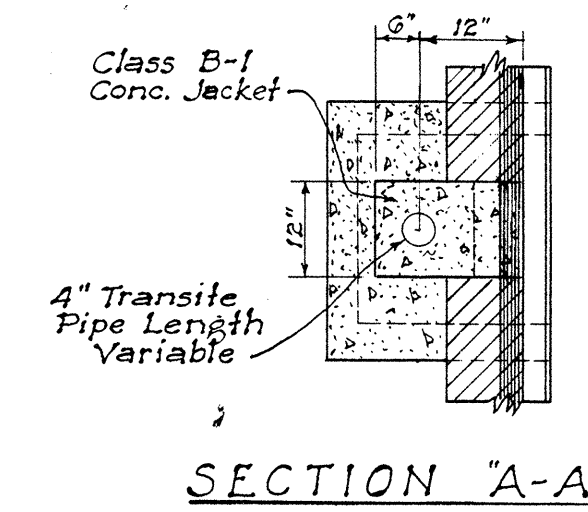
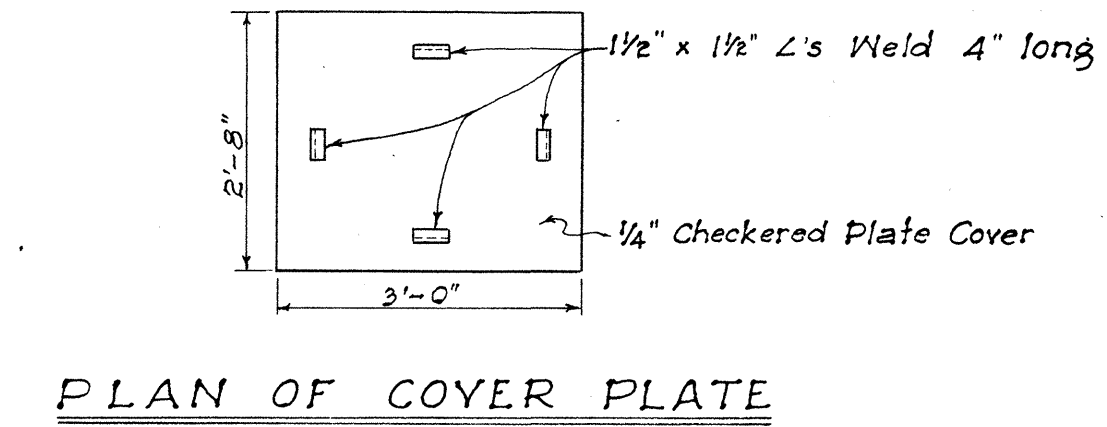
NOTE: Length of Struts are based on 4"x4" timbers which is the minimum size recommended. If larger sills or compression caps are used, length of struts should be changed accordingly.

STRUTTING DIAGRAM & TABLE FOR CORRUGATED METAL PIPE CULVERT

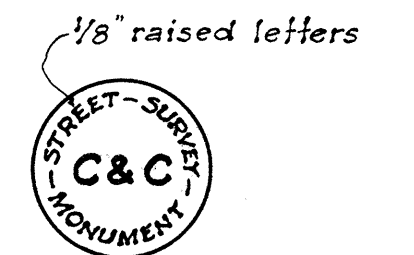


NOTE: Federal Aid Markers should be placed at the termini of suffix designated sections. Intermediate letter designated markers of adjacent sections located within the limits of new improvements should be moved to the termini of the new work. The same procedure would be followed on each successive improvement until all markers for letter designated sections are eventually eliminated.

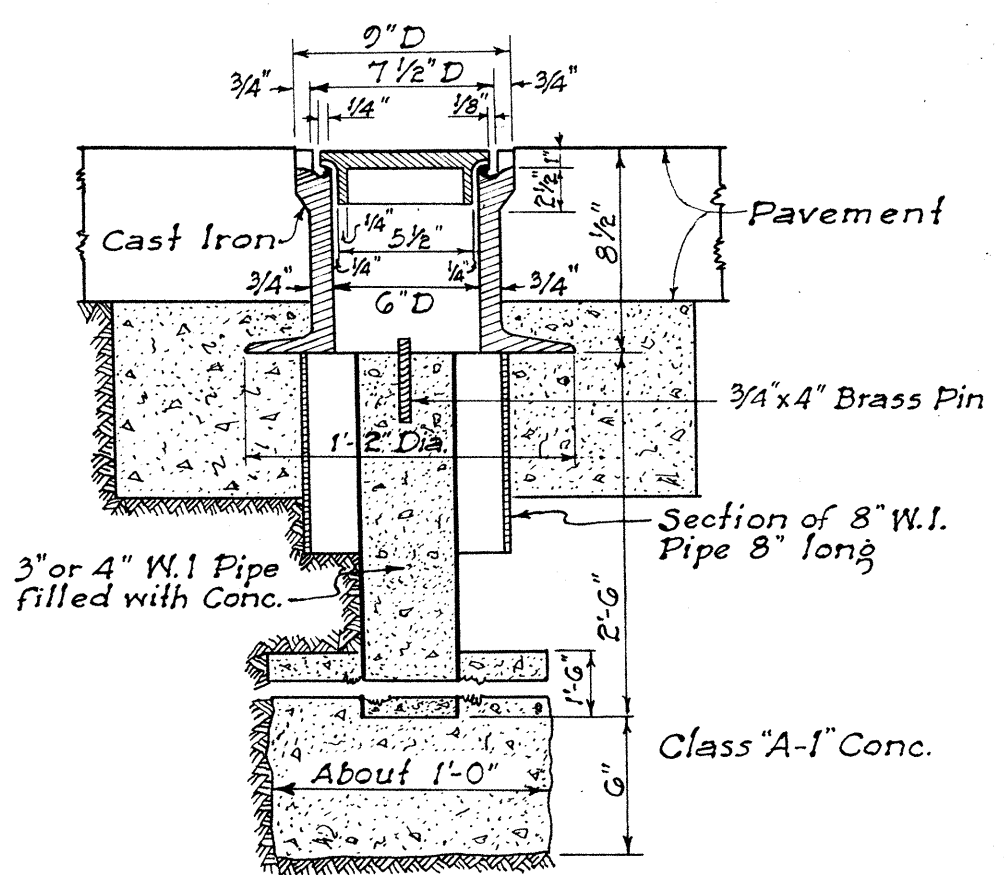
METHOD OF MARKING F.A. PROJECTS AT OVERLAPS (USING NUMBER SUFFIX ON NEW WORK)



DETAIL OF PULL BOX
Scale: 1" = 1'-0"



PLAN OF TOP



STANDARD C&C STREET SURVEY MONUMENT

