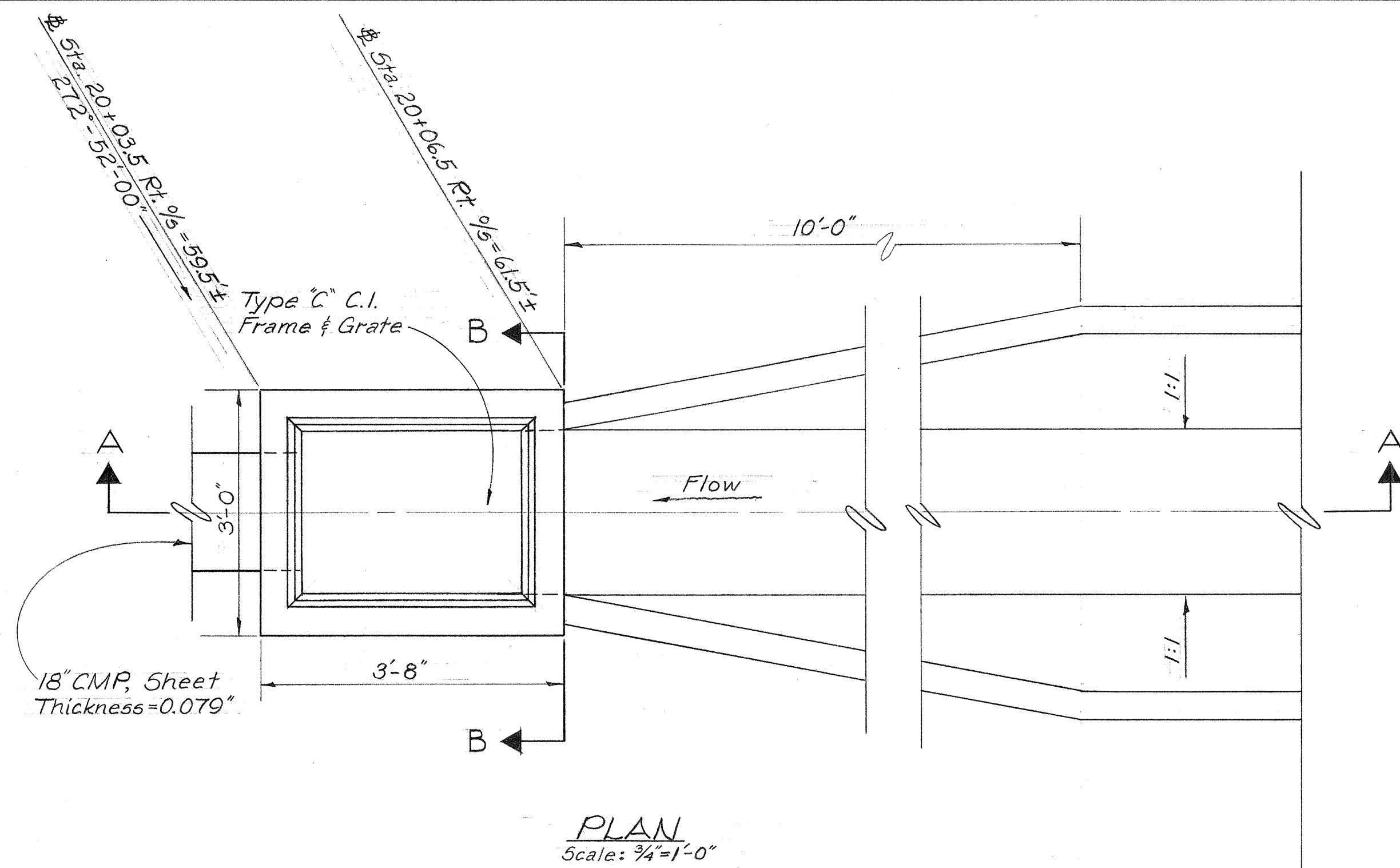


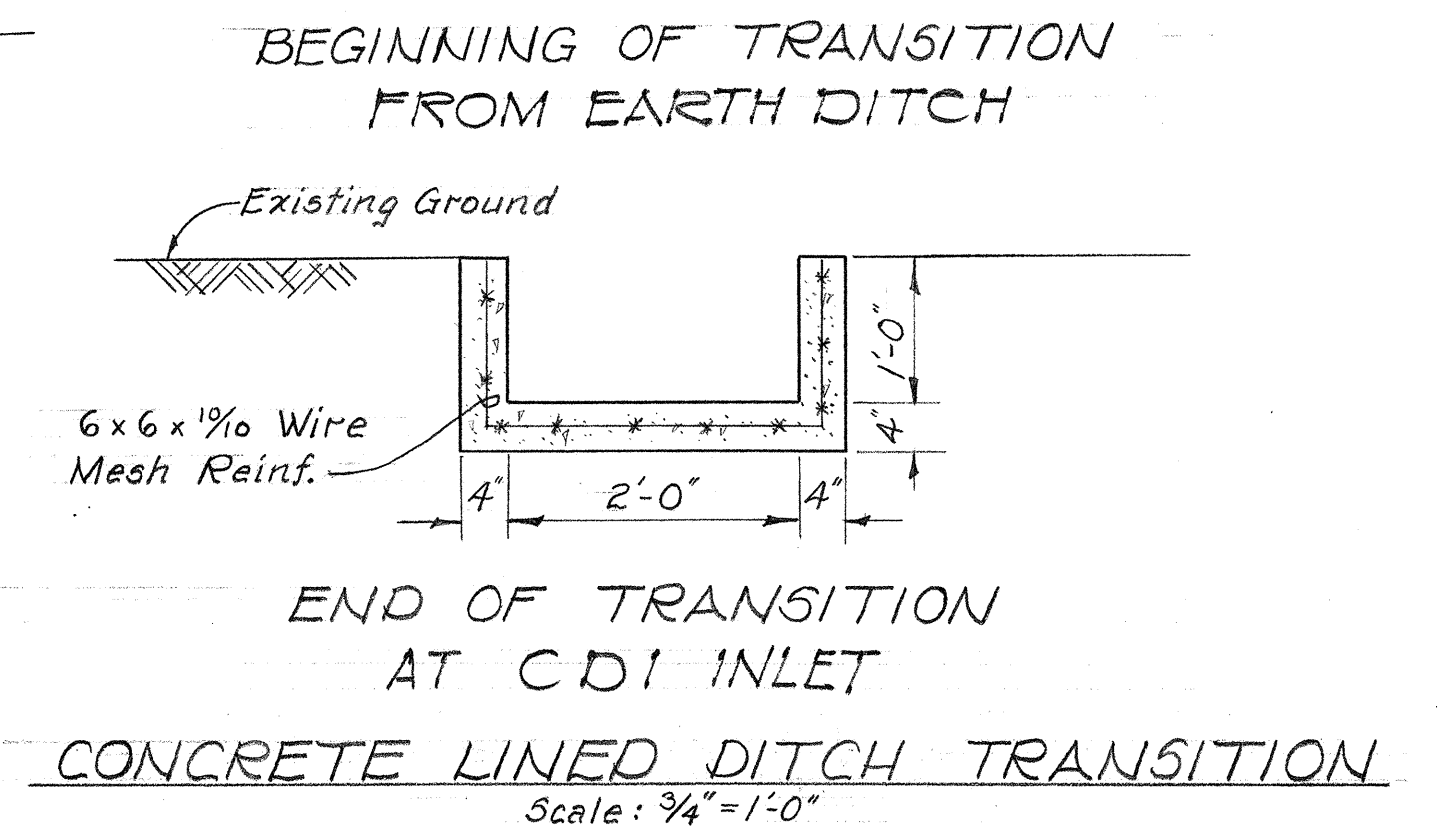
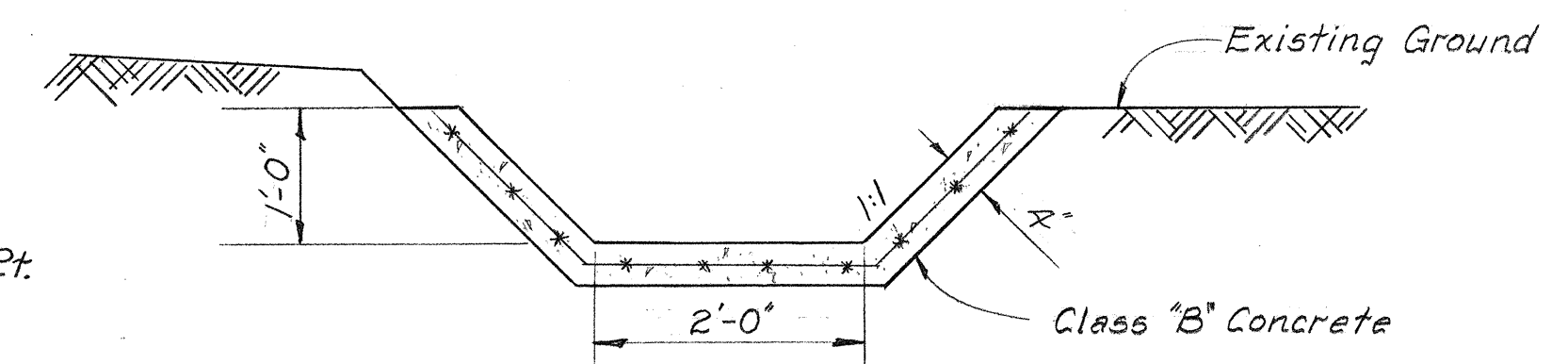
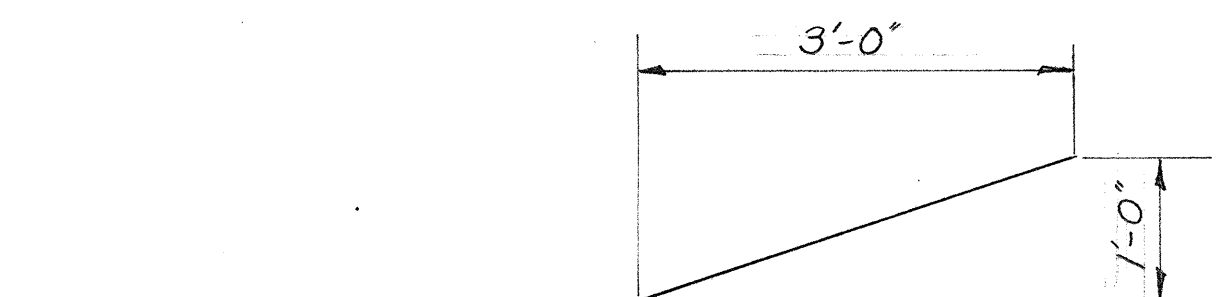
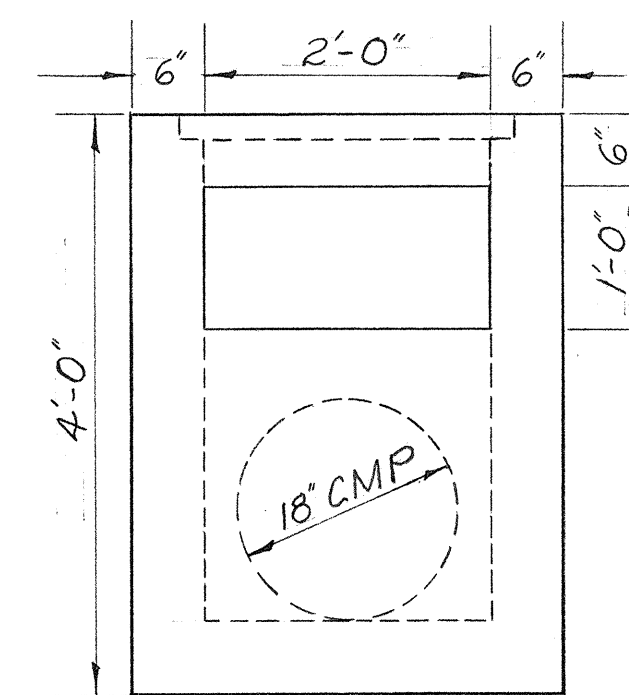
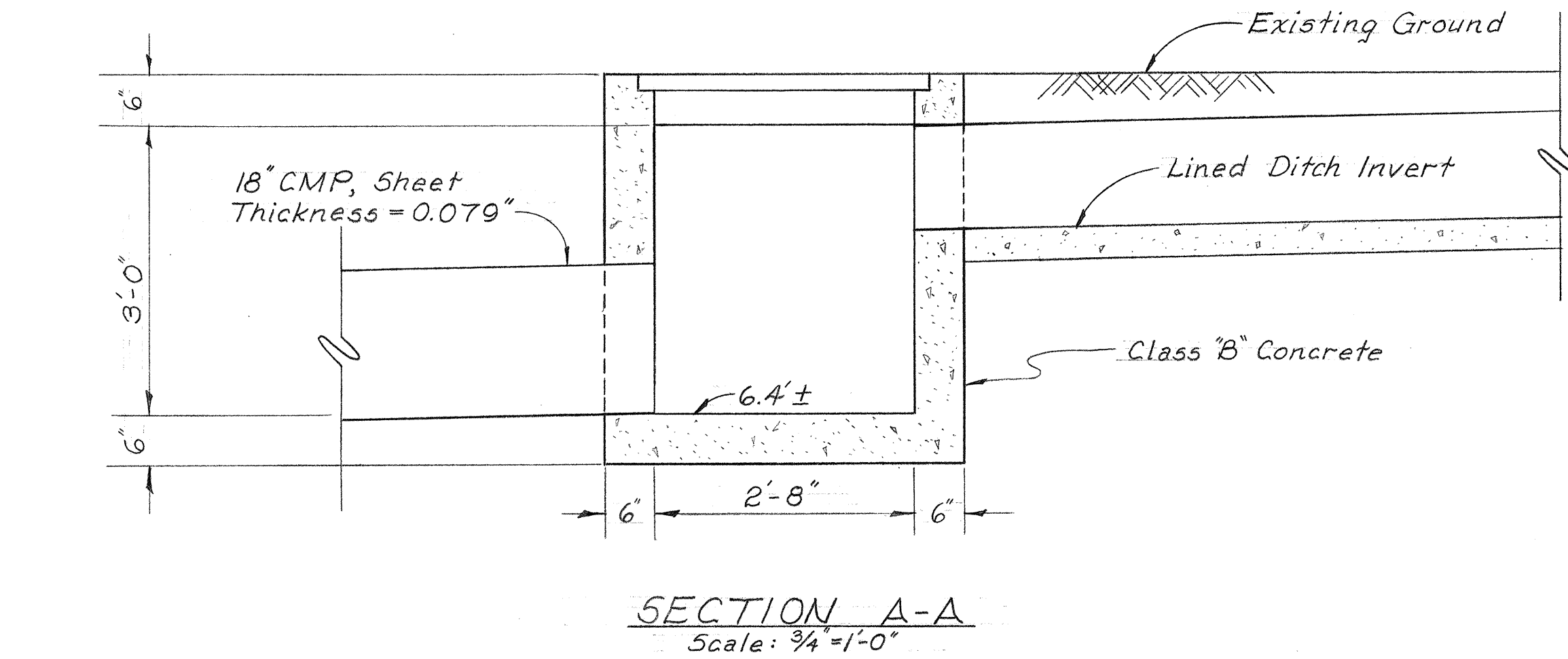
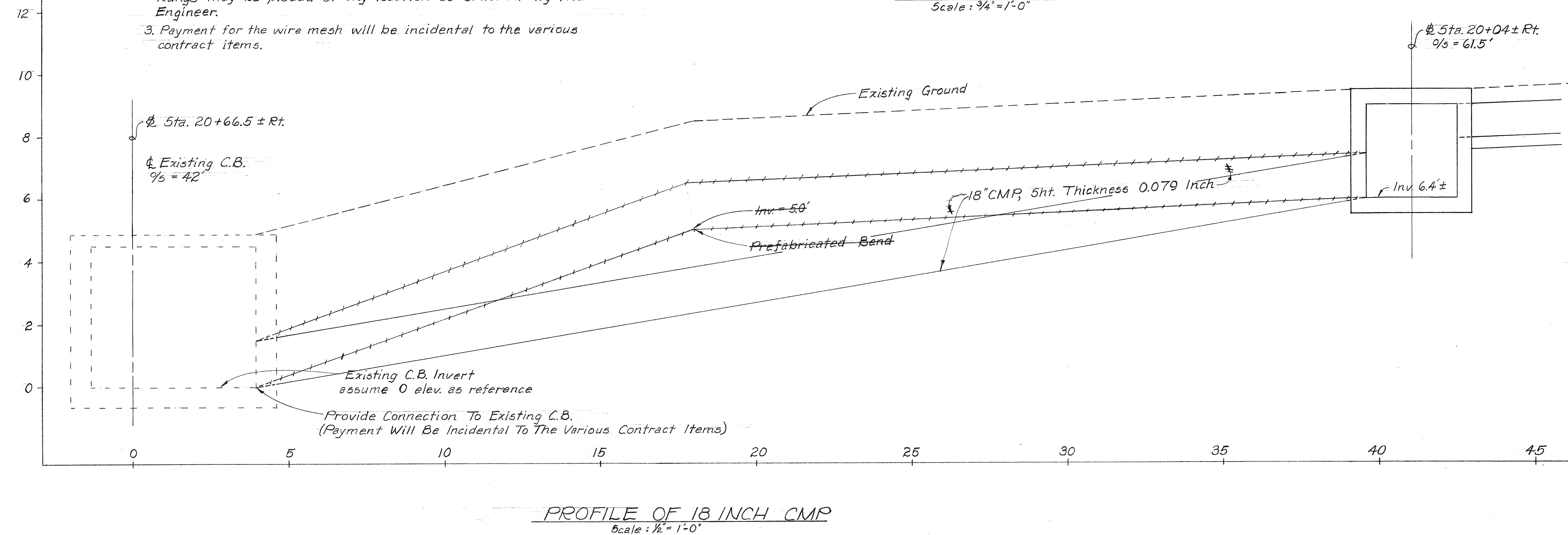
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	63A-09-70	1971	7	9



DETAIL OF TYPE "A" CDI

GENERAL NOTES

1. Culvert shall enter and leave Drop Intake from any position and in the direction indicated by the plans or ordered by the Engineer.
2. One rung (12 inches from the bottom) is required. Manhole Rungs may be placed at any location as ordered by the Engineer.
3. Payment for the wire mesh will be incidental to the various contract items.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE DETAILS

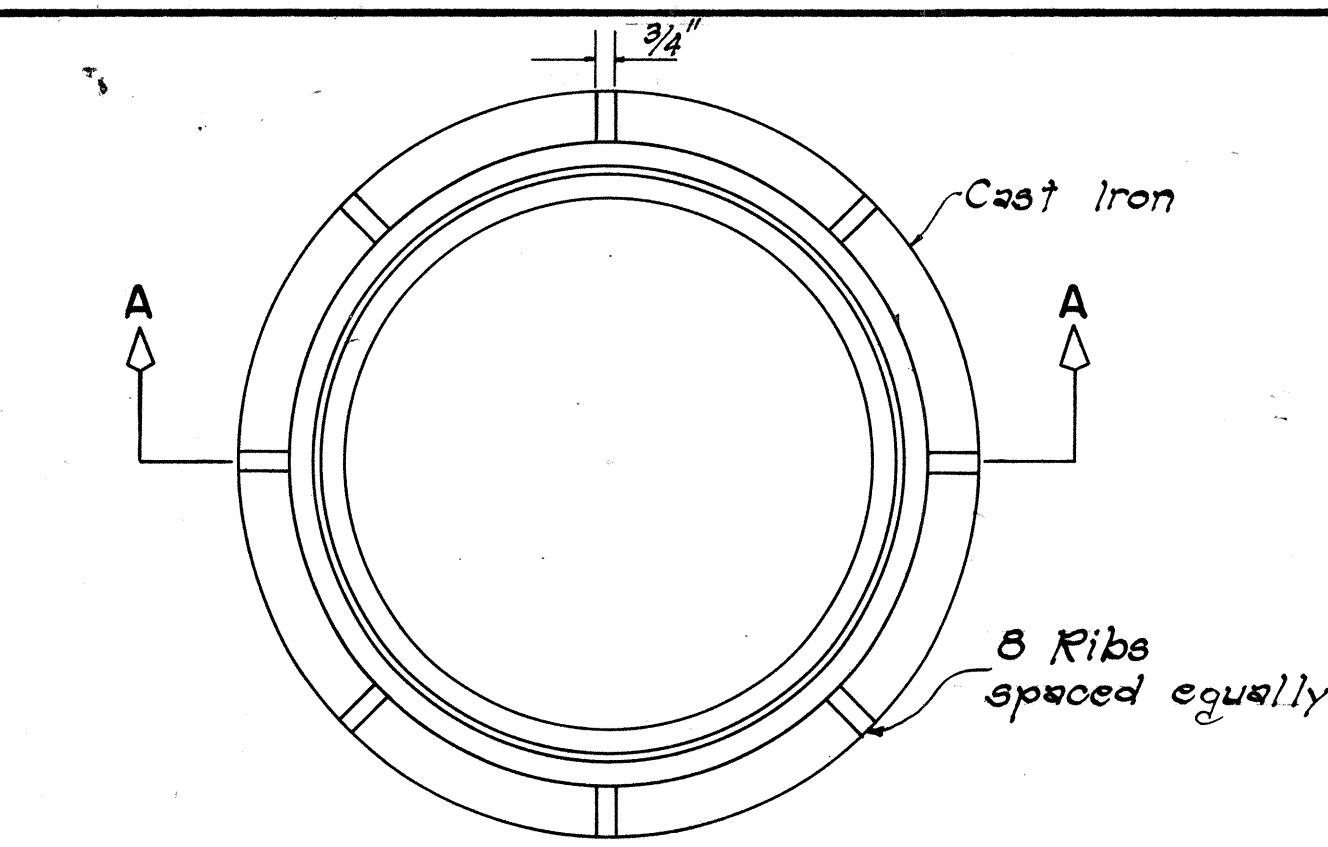
FOOTPATH ALONG LIKELIKE HWY.
KALIHU ST. TO GULICK AVE.
PROJECT NO. 63A-09-70

Scale: As Shown Date: Feb. 1971

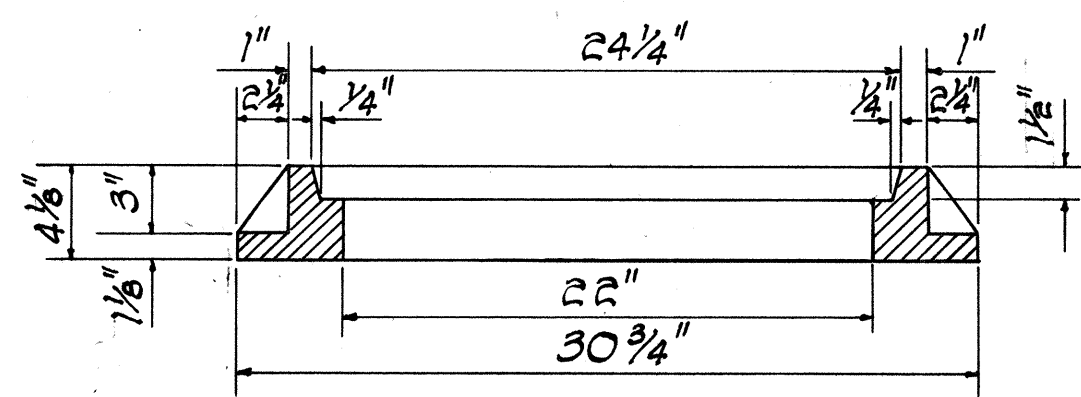
SHEET No. 1 OF 2 SHEETS

DESIGNED BY	DATE
TRACED BY	
DESIGNED BY	
TRACED BY	
DESIGNED BY	
TRACED BY	
DESIGNED BY	
TRACED BY	
DESIGNED BY	
TRACED BY	

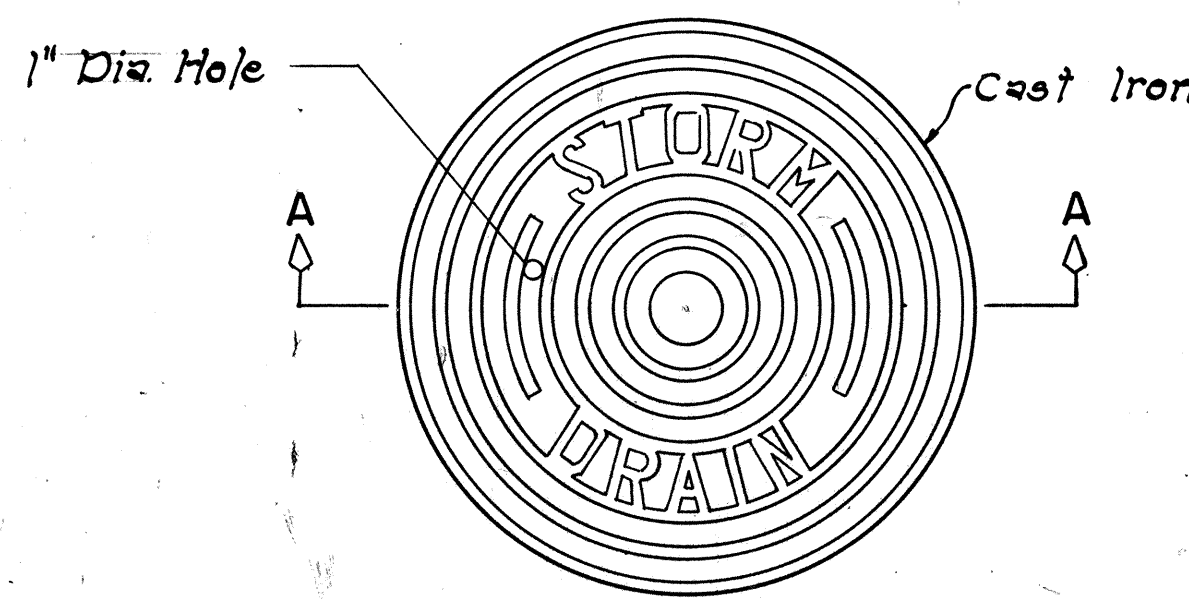
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HAWAII	HAW.	63A-09-70	1971	8	9



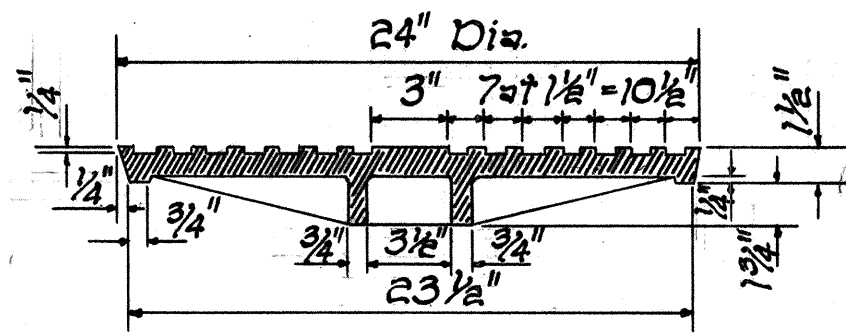
PLAN



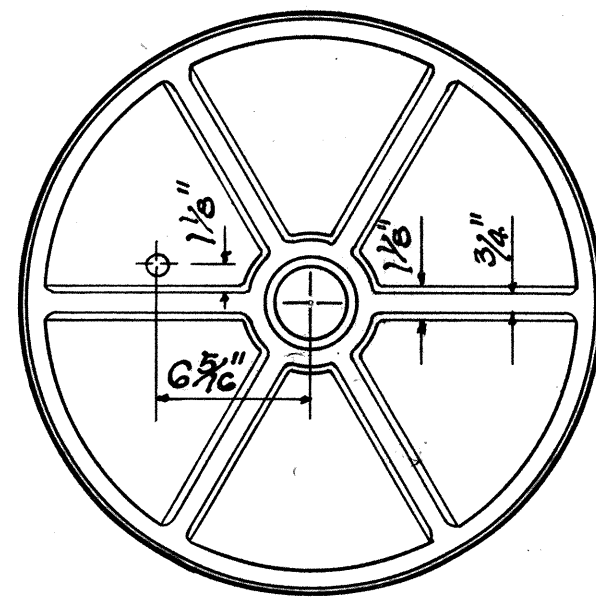
SECTION A-A



PLAN



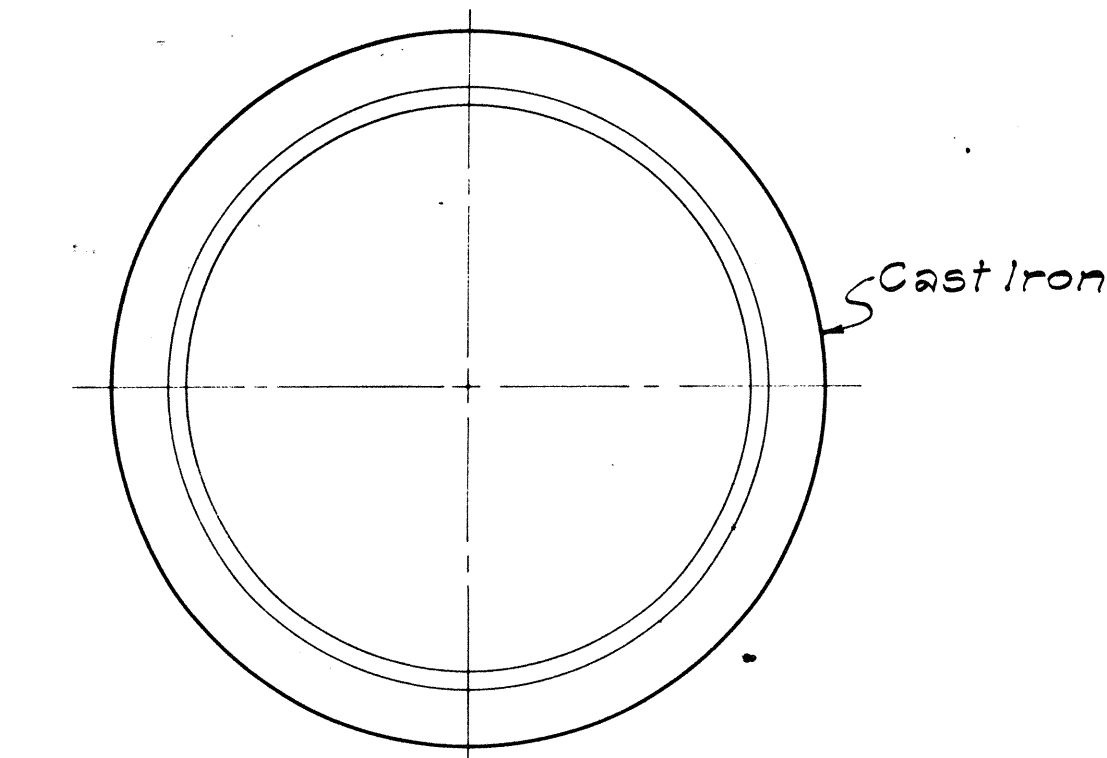
SECTION A-A



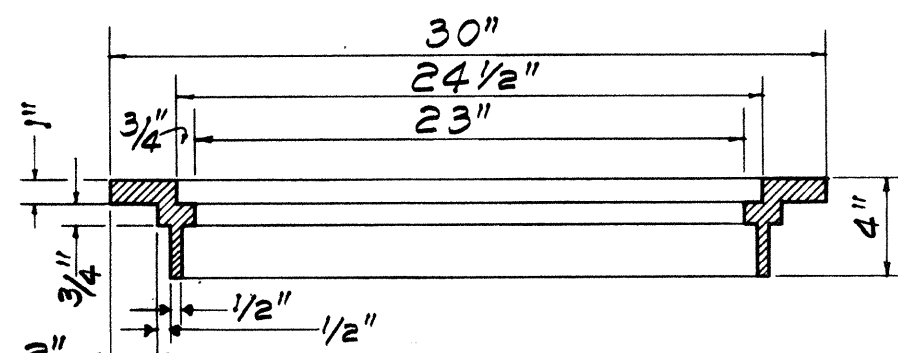
BOTTOM VIEW OF COVER

DETAILS OF TYPE "P"
CAST IRON FRAME AND COVER

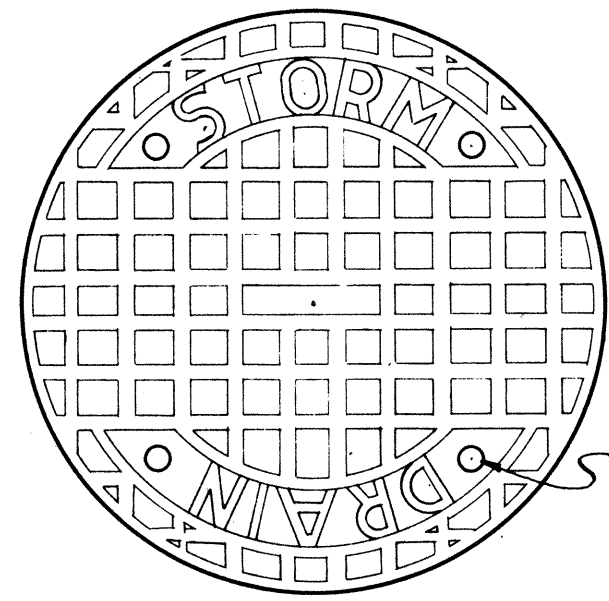
SCALE: 1-1/2" = 1'-0"



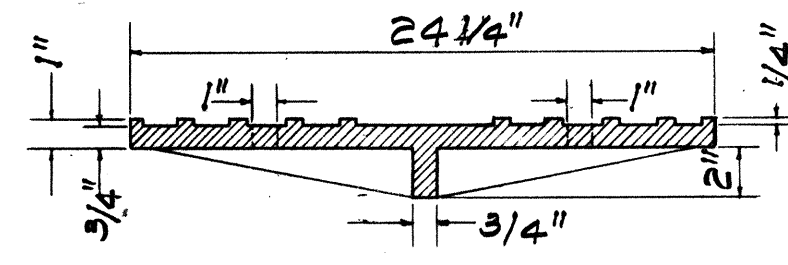
PLAN OF RIM



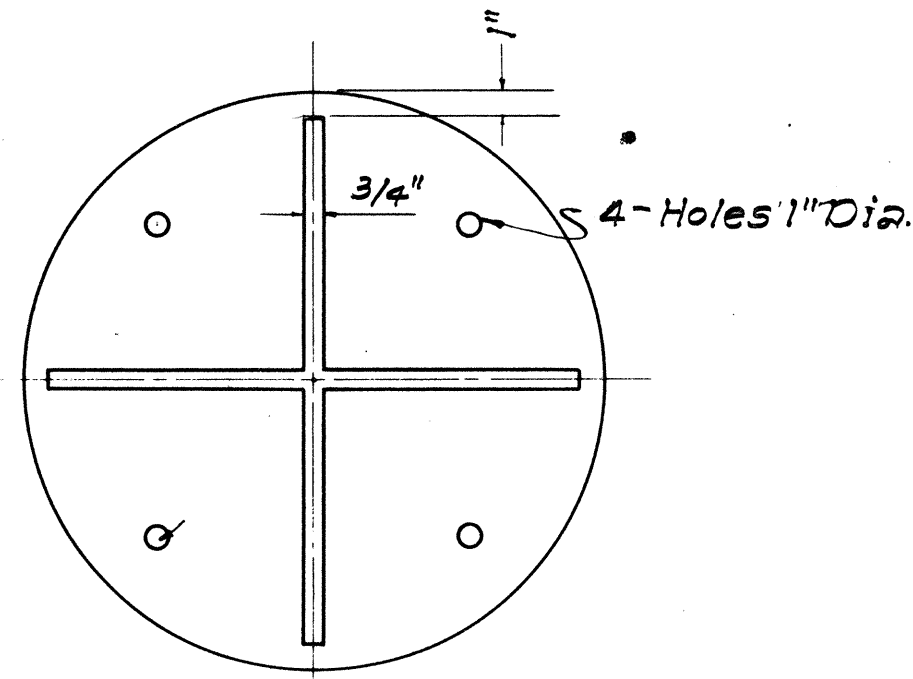
SECTION OF RIM



TOP VIEW OF COVER



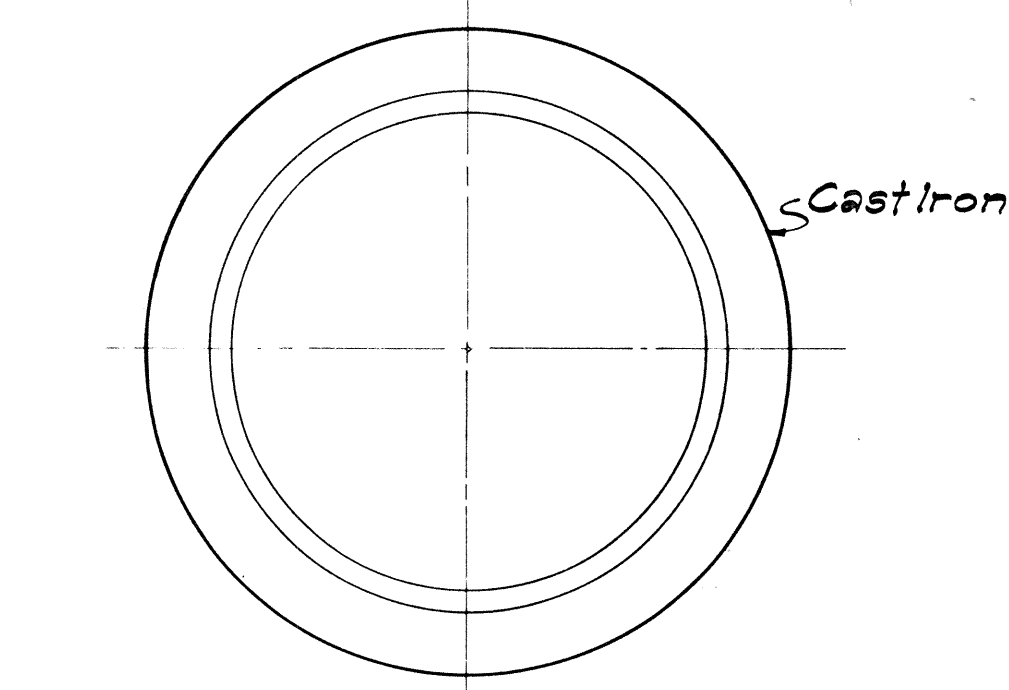
SECTION



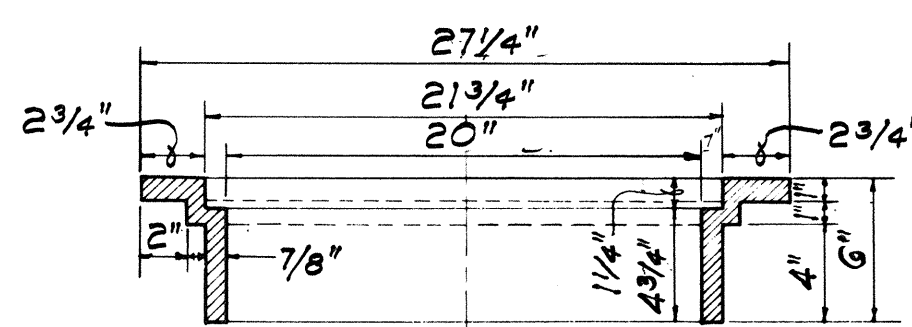
BOTTOM VIEW OF COVER

DETAILS OF TYPE "B"
CAST IRON FRAME AND COVER

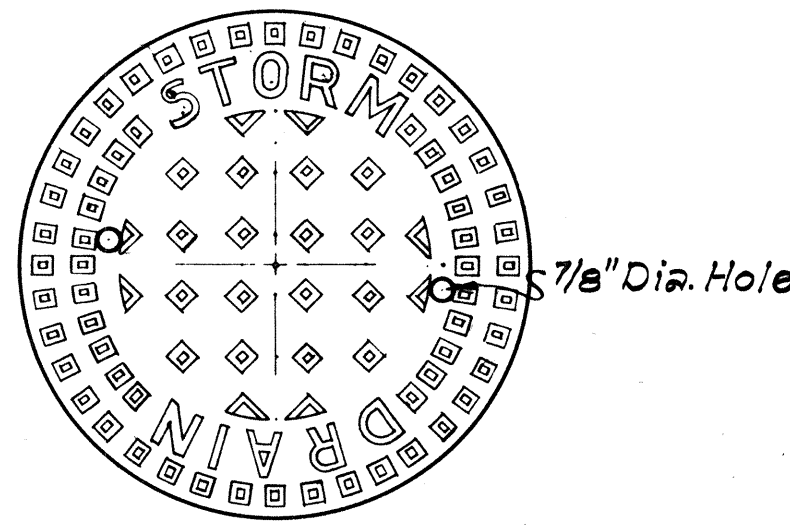
SCALE: 1-1/2" = 1'-0"



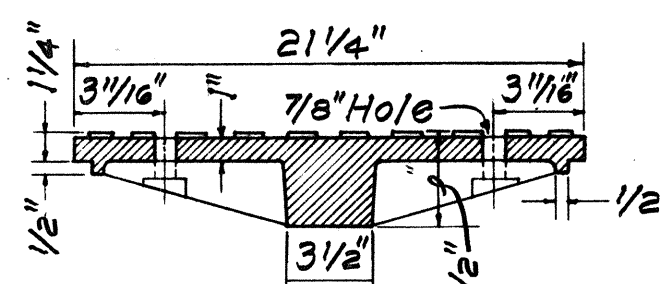
PLAN OF RIM



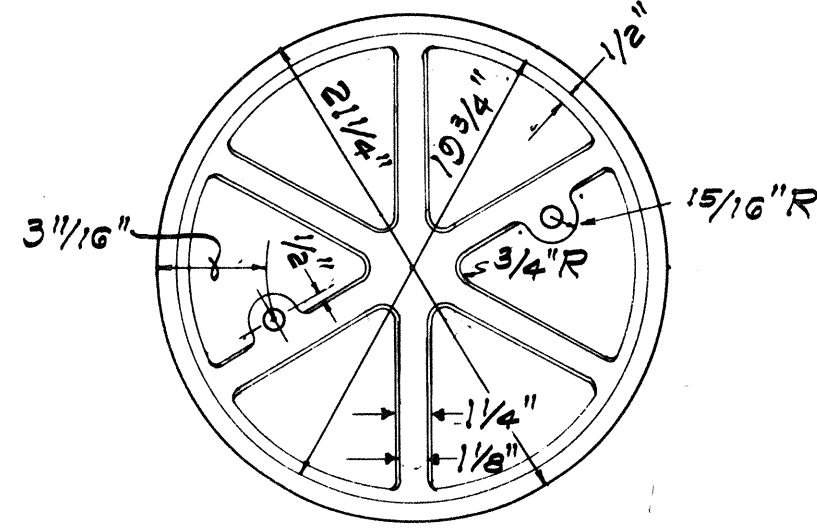
SECTION OF RIM



TOP VIEW OF COVER



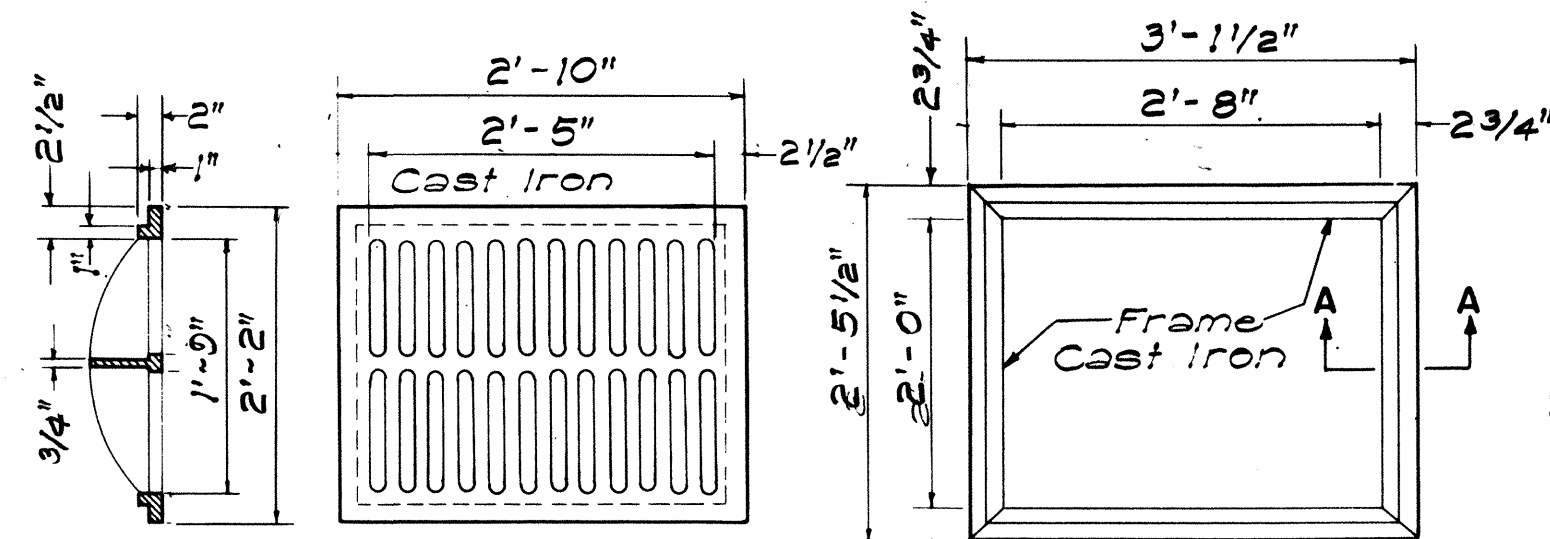
SECTION



BOTTOM VIEW OF COVER

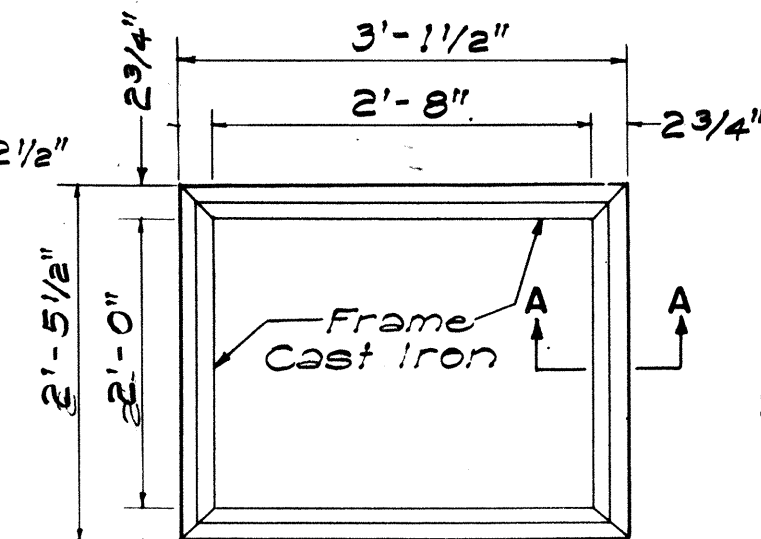
DETAILS OF TYPE "A"
CAST IRON FRAME AND COVER

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



SECTION

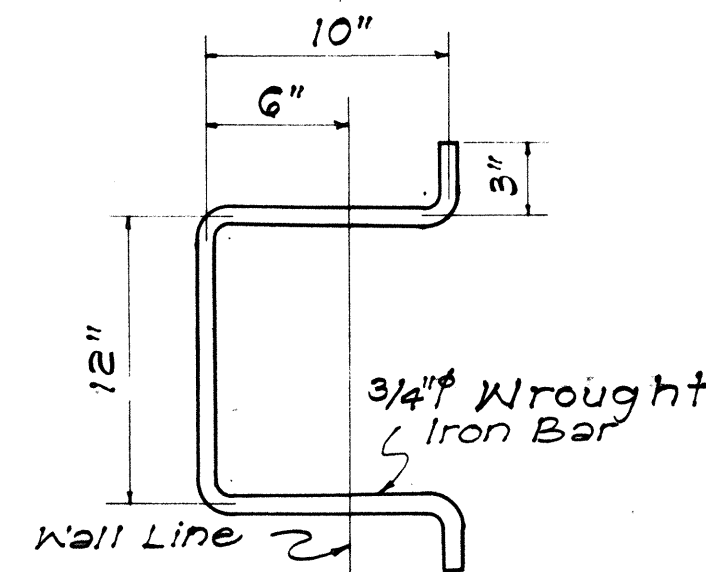
TOP VIEW



TOP VIEW

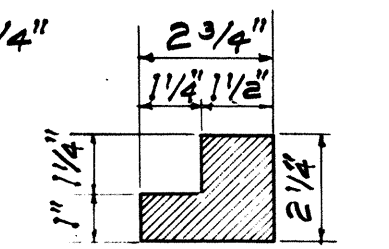
TYPE C C.I. FRAME AND GRATE

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



MANHOLE RUNG

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



SECTION "A-A"
SCALE 3" = 1'-0"

APPROVAL RECOMMENDED:		12-17-67
HYDRAULIC DESIGN ENGINEER		DATE
APPROVED:		12-17-67
ASSISTANT CHIEF, ENGINEERING		DATE

NO.	REVISION	APPROVED BY	DATE
1.	Detail of Type "P" Cast Iron Frame and Cover	H.T.	1-6-71

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
STANDARD DETAILS CATCH BASIN AND MANHOLE CASTINGS
Scale: As Noted Date: July, 1969
SHEET NO 2 OF 2 SHEETS DH 6.

SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
DESIGNED BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	