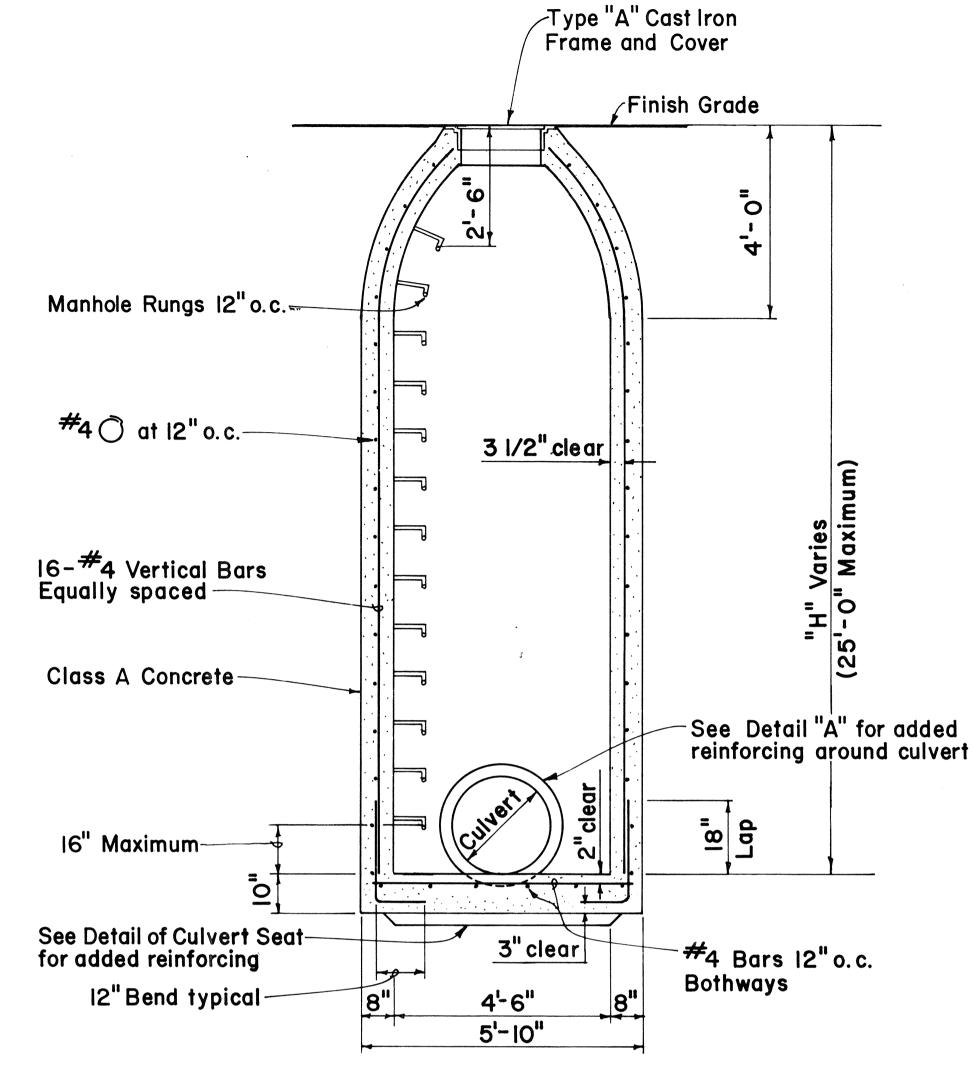
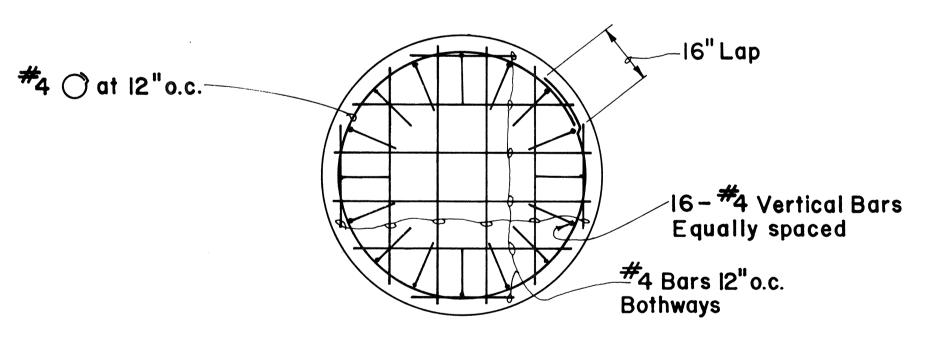


TYPE "D" STORM DRAIN MANHOLE

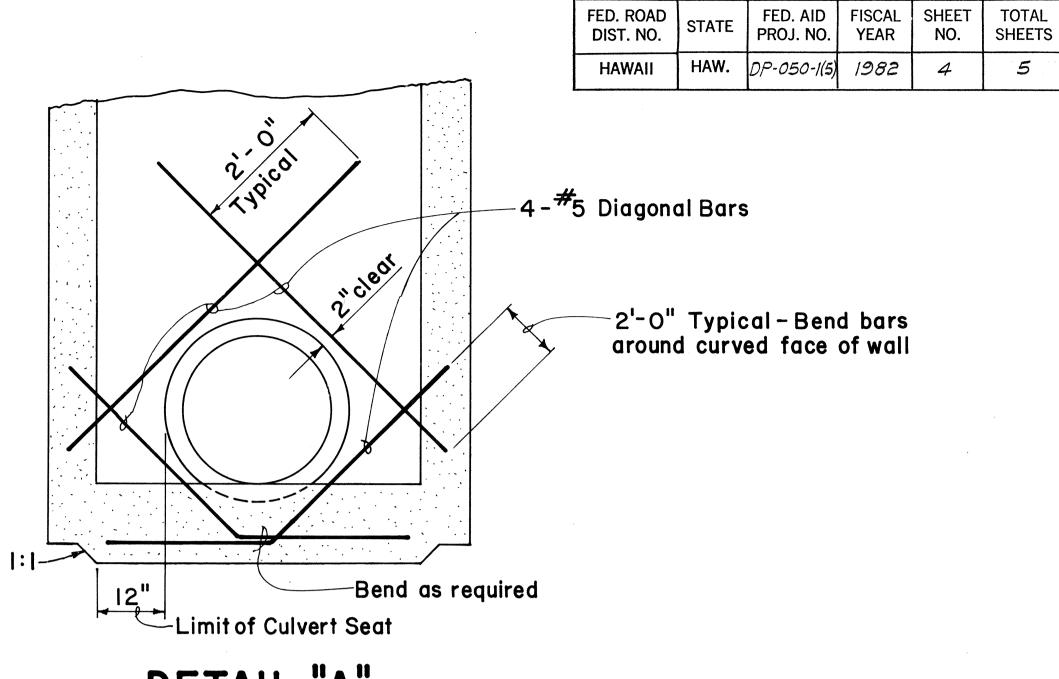


#### **ELEVATION**



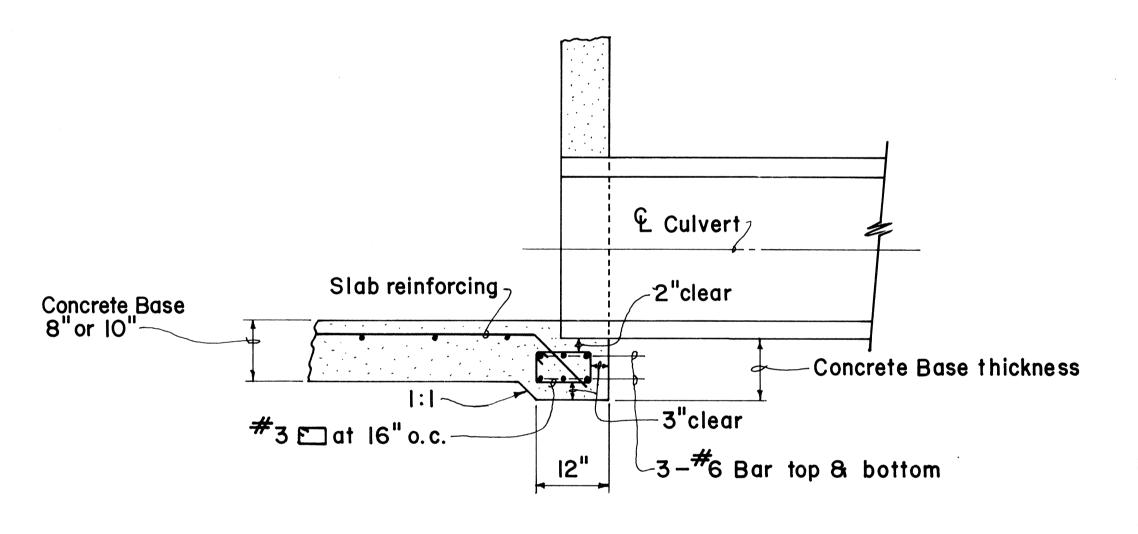
PLAN-CONCRETE BASE

## TYPE "E" STORM DRAIN MANHOLE



STATE

# DETAIL "A"



## DETAIL OF CULVERT SEAT

APPROVAL RECOMMENDED: HYDRAULIC DESIGN ENGINEER

APPROVED:

ASSISTANT CHIEF, ENGINEERING 8-20-80 DATE

NO.	REVISION	APPROVED BY	DATE
l.	Supersedes Sht. DH 5 approved 12-17-69	H.T.	8/20/80
2.	Change Class of concrete	H.I.	12/4/80
			,
			·

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

8-20-80 DATE

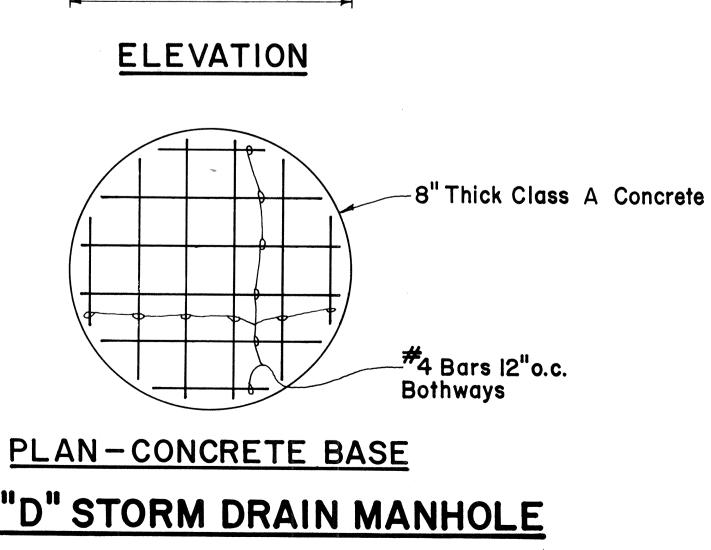
STANDARD DETAILS

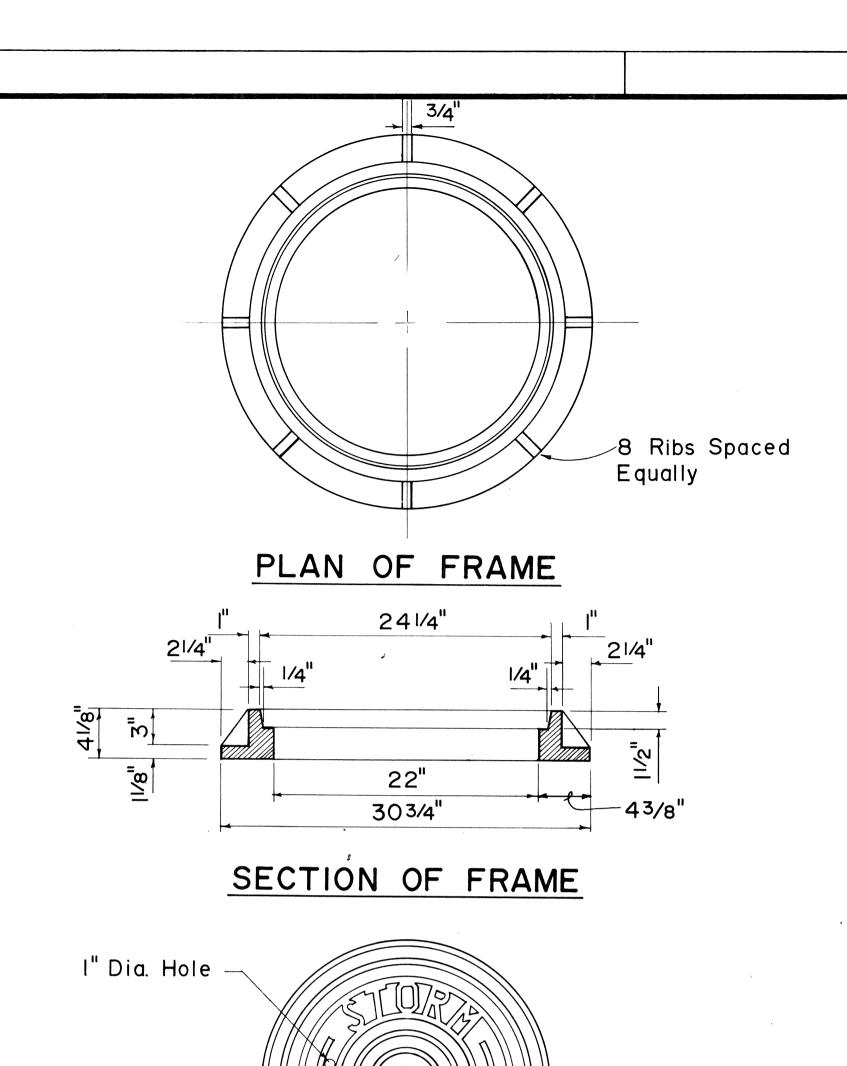
TYPE D AND E STORM DRAIN MANHOLE

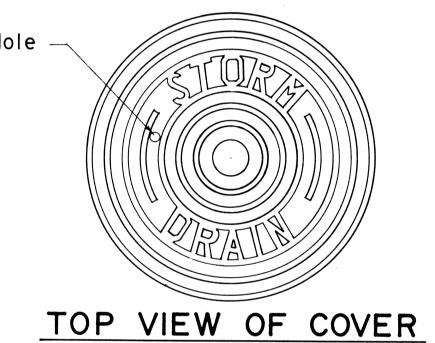
Not To Scale

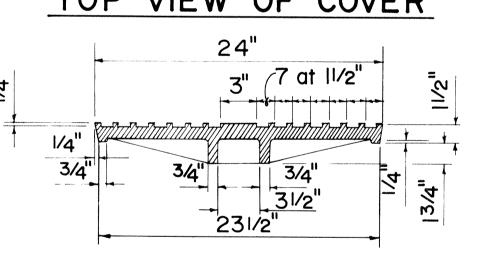
OF 2 SHEETS DH 5A SHEET No.

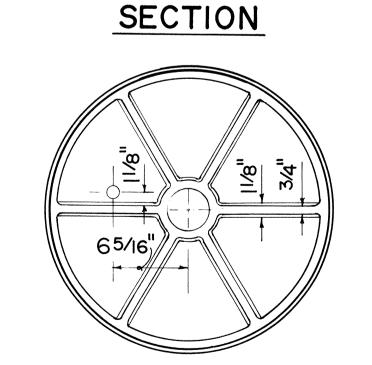
Date: August 1980





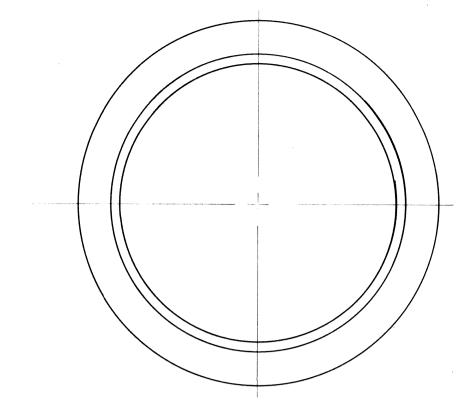




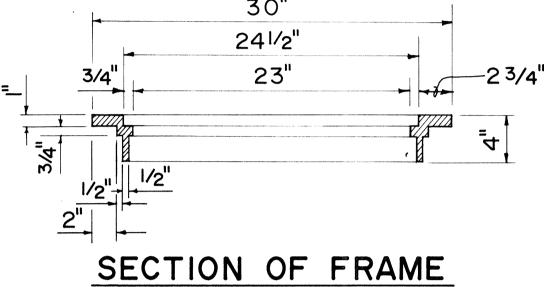


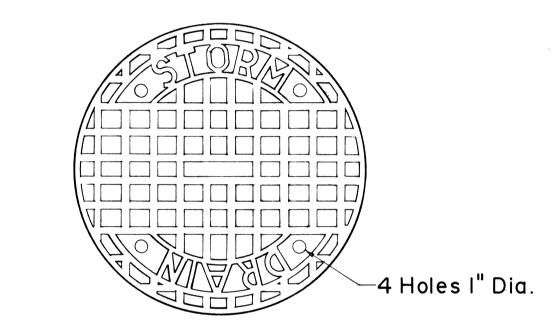


TYPE "P" CAST IRON FRAME AND COVER

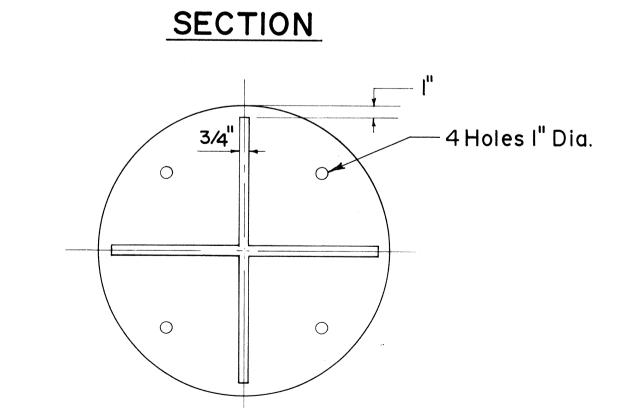


PLAN OF FRAME 30" 241/2"



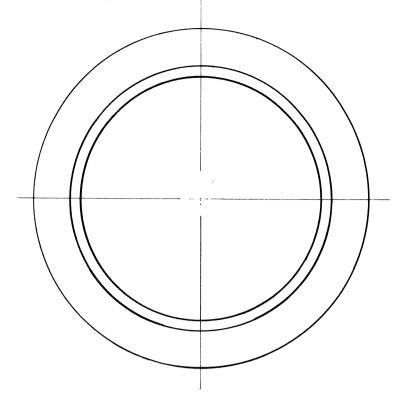


TOP VIEW OF COVER 241/4"

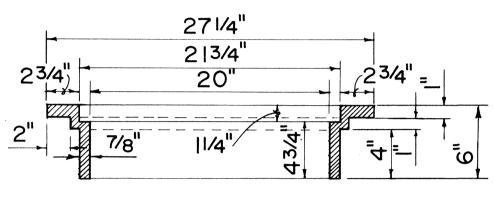


BOTTOM VIEW OF COVER

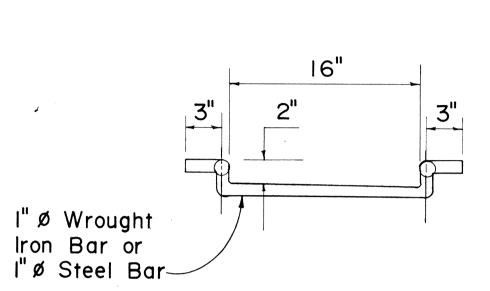
TYPE "B" CAST IRON FRAME AND COVER



PLAN OF FRAME

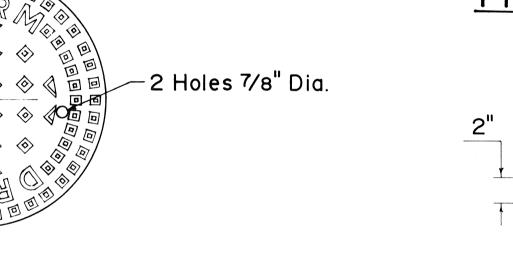


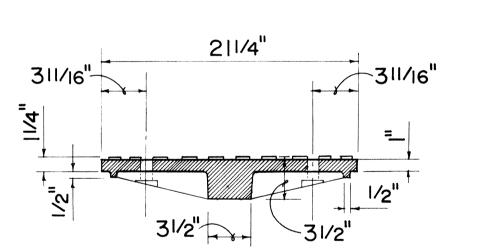
SECTION OF FRAME



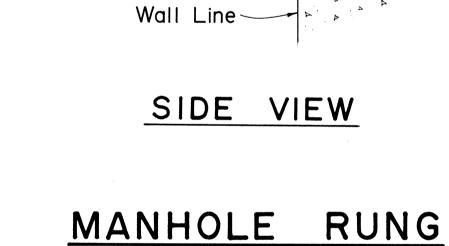
PLAN

FRONT VIEW

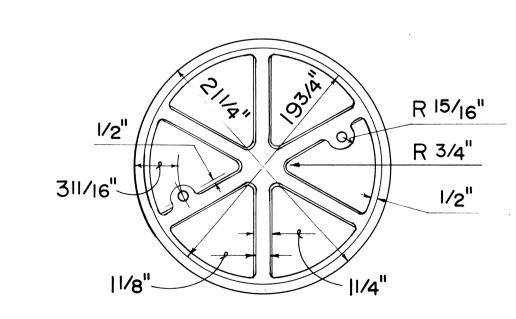




TOP VIEW OF COVER



### SECTION



BOTTOM VIEW OF COVER

TYPE "A" CAST IRON FRAME AND COVER

APPROVAL	RECOMMENDED:

FED. ROAD DIST. NO.

-Wall Line

FED. AID PROJ. NO.

FISCAL YEAR

1982

6-19-79 DATE

APPROVED:

Abbert Zaleishi 6-22-19

ASSISTANT CHIEF, ENGINEERING DATE

APPROVED DATE I. | Supersedes Sht. DH 6 H.P. 6/22/19 approved 12-17-69

REVISION

STANDARD DETAILS

CATCH BASIN AND MANHOLE CASTINGS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

Not To Scale

Date: Dec. 1977

SHEET NO. 2 OF 2 SHEETS DH 6

