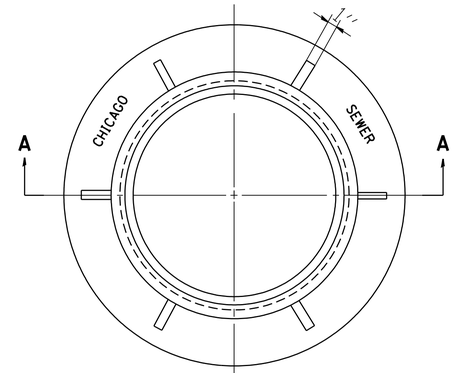
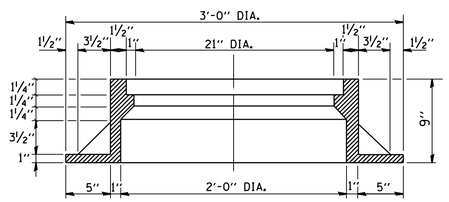


PLAN

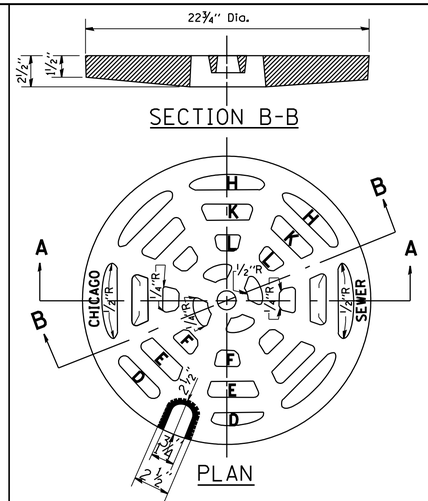


SECTION A-A

NOTE: METAL PLATES MUST BE FURNISHED FOR PERFORATED LIDS ON MANHOLES

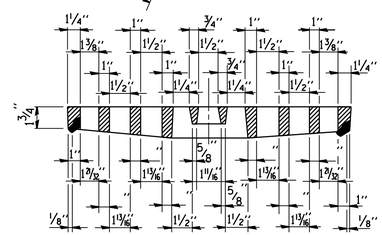
CHICAGO STANDARD MANHOLE FRAME

SCALE: 1½"=1'-0"
MATERIAL: CAST IRON

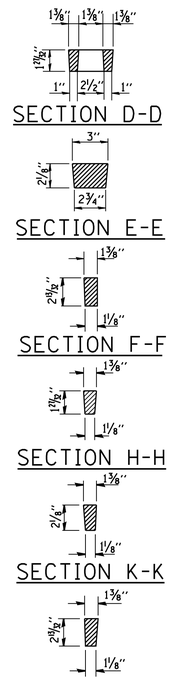


SECTION B-B

PLAN



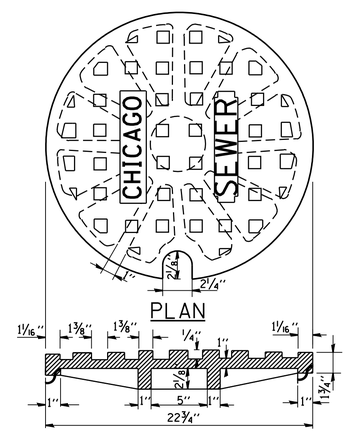
SECTION A-A



SECTION D-D
SECTION E-E
SECTION F-F
SECTION H-H
SECTION K-K
SECTION L-L

PERFORATED LID FOR CATCH BASINS & MANHOLES

SCALE: 2"=1'-0"
MATERIAL: CAST IRON

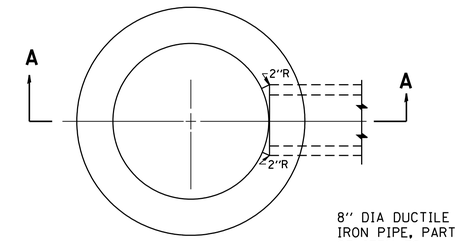


PLAN

SECTION

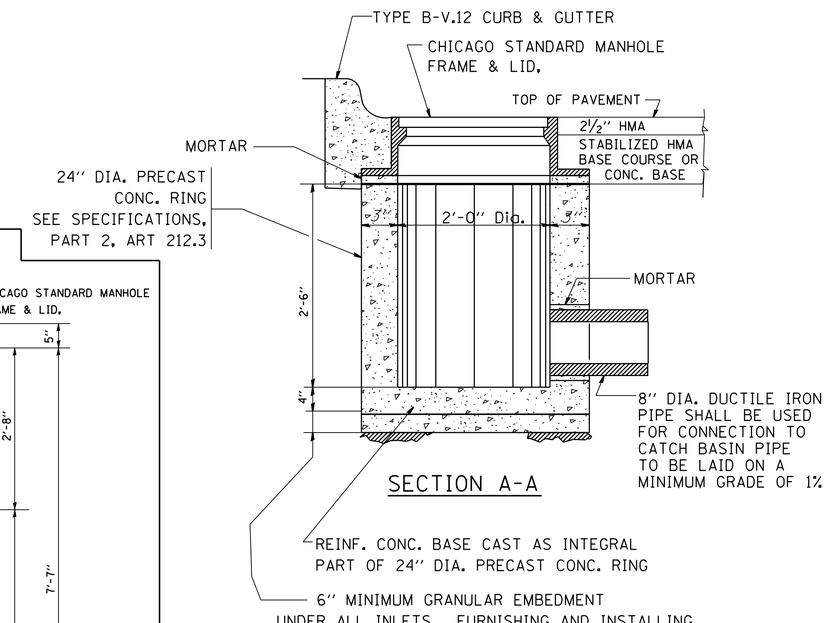
SOLID LID FOR MANHOLES

SCALE: NONE
MATERIAL: CAST IRON



8" DIA DUCTILE IRON PIPE, PART OF ITEM 7G

PLAN
(FRAME & LID NOT SHOWN)



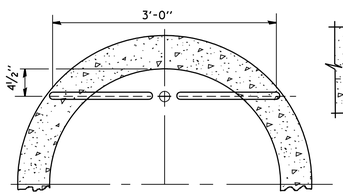
SECTION A-A

STANDARD INLETS

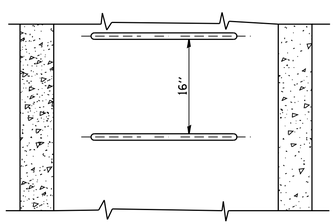
SCALE 1"= 1'-0"
ITEM 12

THIS INLET DETAIL IS SOMETIMES REFERRED TO AS "CHICAGO STANDARD INLET, TYPE A"

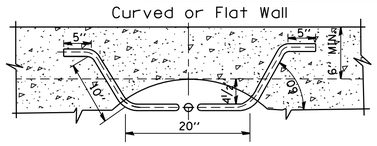
NOTE:
INLETS SHALL NOT BE CONSTRUCTED UNLESS IT IS IMPOSSIBLE TO CONSTRUCT A CATCH BASIN. THE CONTRACTOR SHALL HAVE THE DEPARTMENT OF SEWERS APPROVAL BEFORE CONSTRUCTING INLETS.



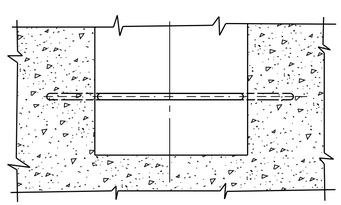
PLAN



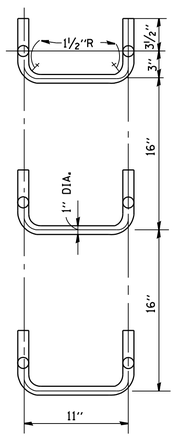
ELEVATION
TYPE X
SCALE: 1"=1'-0"



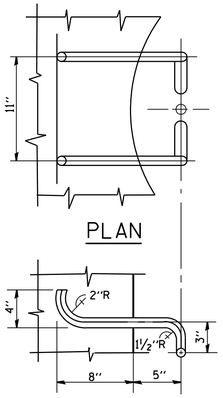
PLAN



ELEVATION
TYPE Y
SCALE: 1"=1'-0"



SPACING



PLAN

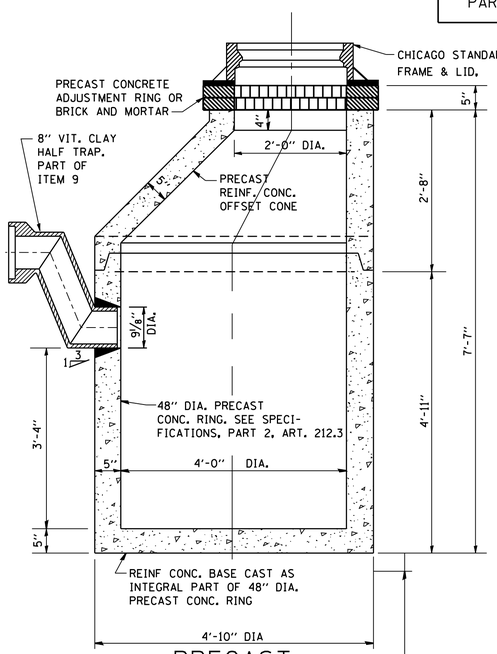
ELEVATION

HANDHOLD-TYPE Z RUNG

Scale: 1½"=1'-0"

STANDARD LADDER RUNGS

ALL LADDER RUNGS SHALL BE ALUMINUM OR GALVANIZED WROUGHT IRON AS SPECIFIED IN THE SPECIFICATIONS, PART 2, ARTICLE 214.2. RUNGS SHALL BE 1" DIAMETER OR OF A SHAPE HAVING AN EQUIVALENT CROSS-SECTIONAL AREA.



PRECAST

NOTE:
6" MINIMUM GRANULAR EMBEDMENT UNDER ALL CATCH BASINS

STANDARD CATCH BASINS

SCALE: ¾"= 1'-0"
ITEM 9

CITY OF CHICAGO
DEPARTMENT OF SEWERS
ENGINEERING DIVISION

FILE NAME = W:\diststd\22x34\bd47.dgn	USER NAME = gaglianobt	DESIGNED - M. GOMEZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF CHICAGO CATCH BASIN, INLET AND MANHOLE DETAILS	F.A. RTE. / SECTION	COUNTY / TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			BD600-13 (BD47)	CONTRACT NO.
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -		SCALE: NONE / SHEET NO. 1 OF 1 SHEETS / STA. / TO STA.	FED. ROAD DIST. NO. 1 / ILLINOIS / FED. AID PROJECT	
	PLOT DATE = 1/4/2008	DATE - 01-25-01	REVISED -				