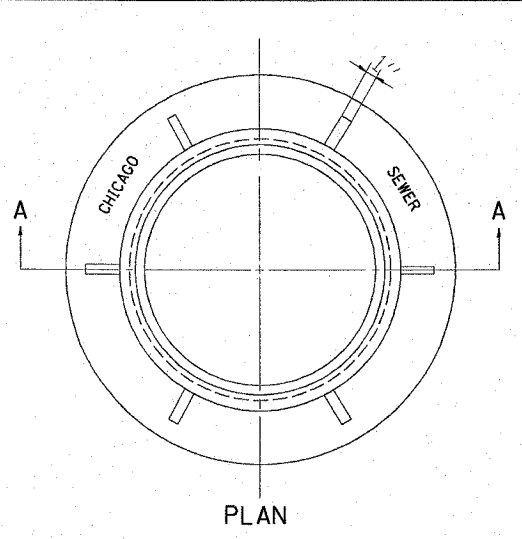
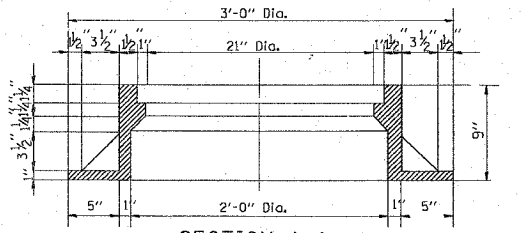


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			160	135
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



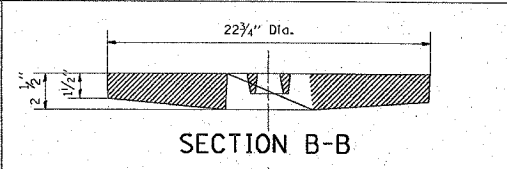
PLAN



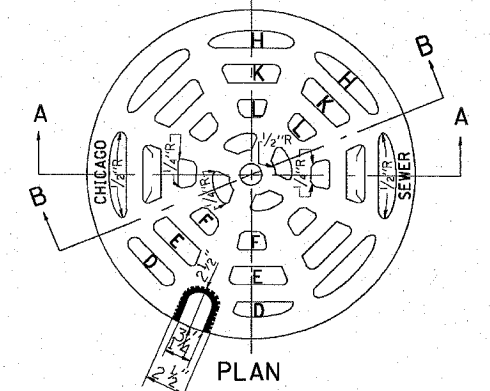
SECTION A-A

NOTE: Metal Plates Must Be Furnished For Perforated Lids On Manholes

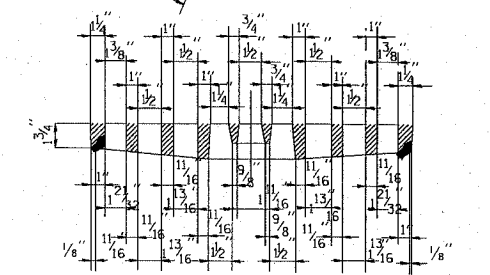
CHICAGO STANDARD MANHOLE FRAME
Scale: 1/2"=1'-0"
Material: Cast Iron



SECTION B-B



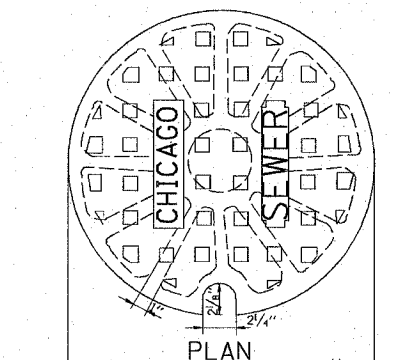
PLAN



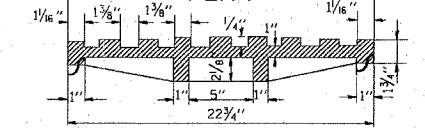
SECTION A-A

PERFORATED LID FOR CATCH BASINS & MANHOLES
Scale: 2"=1'-0"
Material: Cast Iron

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

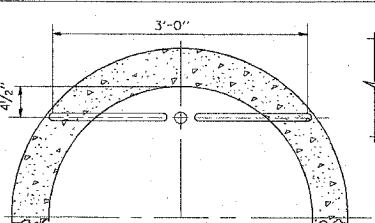


PLAN

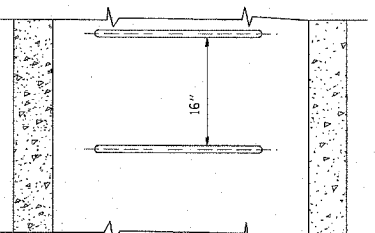


SECTION

SOLID LID FOR MANHOLES
Scale: NONE
Material: Cast Iron

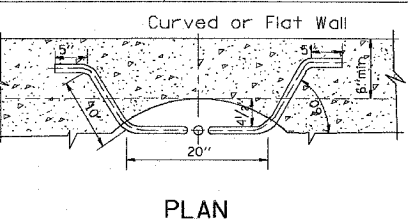


PLAN

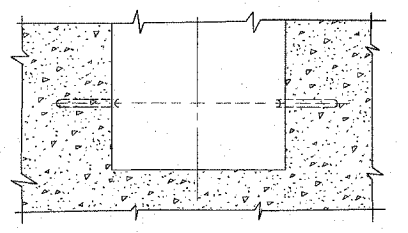


ELEVATION

TYPE X
Scale: 1"=1'-0"

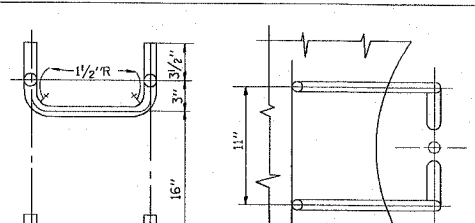


PLAN

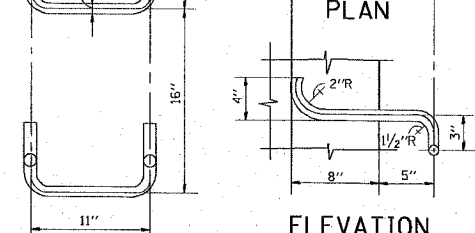


ELEVATION

TYPE Y
Scale: 1"=1'-0"



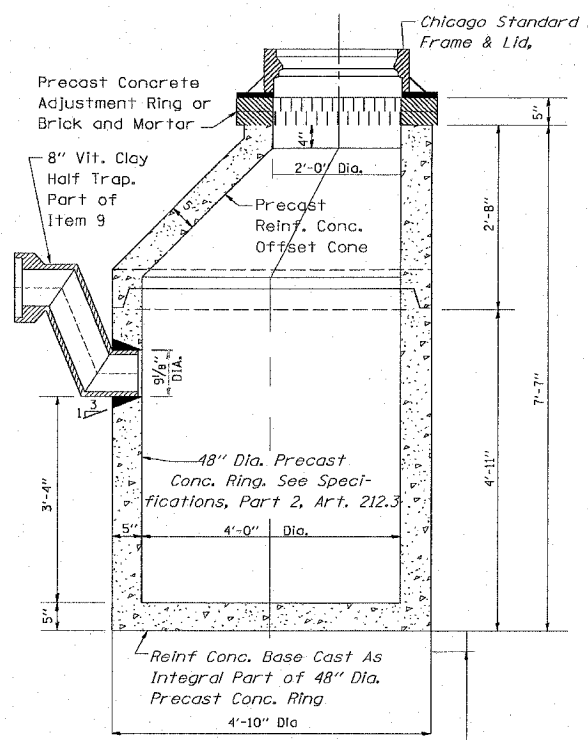
PLAN



ELEVATION

SPACING HANDHOLD-TYPE Z RUNG
Scale: 1/2"=1'-0"

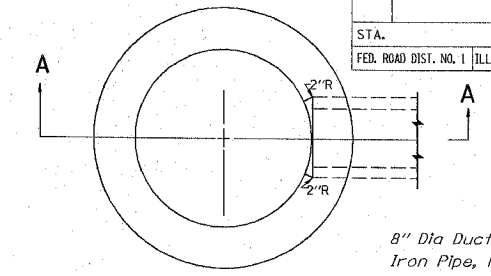
All Ladder Rungs Shall Be Aluminum or Galvanized Wrought Iron As Specified in Specifications, Part 2, Article 214.2. Rungs Shall Be 1" Diameter or of A Shape Having An Equivalent Cross-Sectional Area



PRECAST

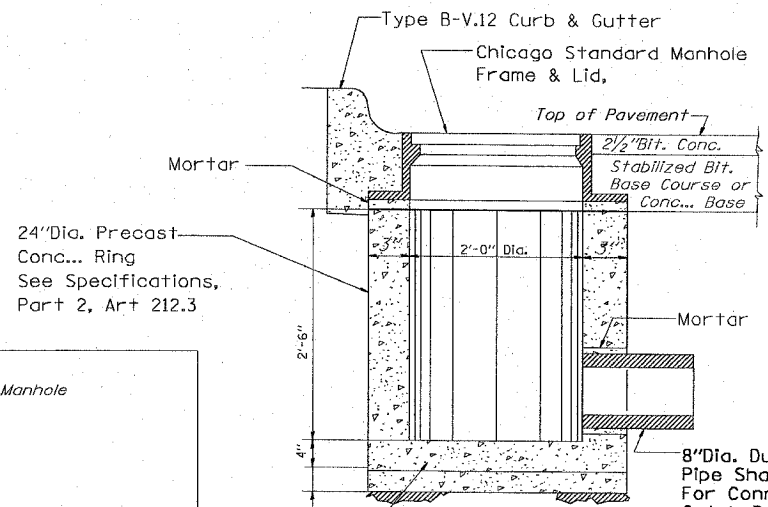
Note:
6" Minimum Granular Embedment Under All Catch Basins

STANDARD CATCH BASINS
Scale: 3/4"=1'-0"
Item 9



PLAN

(Frame & Lid Not Shown)



SECTION A-A

24" Dia. Precast Conc... Ring See Specifications, Part 2, Art 212.3
8" Dia. Ductile Iron Pipe Shall Be Used For Connection to Catch Basin Pipe To Be Laid On A Minimum Grade of 1%
Reinf. Conc. Base Cast as Integral Part of 24" Dia. Precast Conc. Ring
6" Minimum Granular Embedment Under All Inlets. Furnishing and Installing Granular Embedment Shall Be Included In The Unit Price Bid For Item 12

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

REVISIONS	
NAME	DATE
M. GOMEZ	01/25/01

CITY OF CHICAGO
DEPARTMENT OF SEWERS
ENGINEERING DIVISION
ILLINOIS DEPARTMENT OF TRANSPORTATION
CITY OF CHICAGO
CATCH BASIN, INLET AND
MANHOLE DETAILS

SCALE: VERT. HORIZ.
DATE 10/18/2002
DRAWN BY
CHECKED BY
BD600-13 (BD47)
REVISION DATE: 01/25/01

DATE-TIME
DGN-SPEC
V-H-DRAW