



NOTES:

1. All castings to be free from sand holes & no plugging will be allowed.
2. Cast with the use of aluminum patterns.
3. Gray iron casting shall be supplied with no paint.
4. Covers used for storm drain manholes shall have "storm sewer" cast on them.
5. Slight draft allowed on straight faces.
6. Two vent holes required unless specified otherwise on approved plans.
7. Standard letters unless otherwise specified.
8.

Approximate weight of FRAME	190 lbs.
Approximate weight of COVER	120 lbs.
Approximate weight of TOTAL	310 lbs.

9. The following Rings and Covers meets these specifications:
 East Jordan Iron Works (EJIW) V-1384
 ((a) locking V-2384)
 Ennis Enter. MH-GRE-24
 US Foundry & Mfd. Corp. USF 669 & KL Cover
 ((d) USF669 & KL Cover, BWT

10. City logo preferred where available from the manufacturer. All castings shall be identified as property of the City of Gastonia by stamping or casting methods.
 ((d) For watertight manholes see plans for required locations.
 add Water tight covers EJIW , USF w/ BWT and EJIW V-1384GS w/ Camlocks

Standard Detail

**Cast Iron Frame and Cover
For Manhole**

OFFICE OF THE
CITY ENGINEER
GASTONIA, N.C.

FILE NO. **71B-1**

REVISED	F.B.	PG.	DATE: 6/08/81
1/27/82			
1/20/89	9/20/88		
11/18/92	12/03/07		
1/08/95			
2/01/01			
2/10/04			
2/04/05			

SCALE: NTS	DRAWN BY: PNR, EZ
CHECKED BY: FAP	CITY ENGINEER: JPB