



NOTES:

1. ALL MANHOLE FRAMES AND COVERS SHALL BE DOMESTIC MANUFACTURED, GRAY CAST IRON CONFORMING TO ASTM A48.
2. ALL CASTINGS TO BE FREE OF IRREGULARITIES (SAND HOLES, GAS HOLES, CRACKS, ETC.). NO PLUGGING WILL BE ALLOWED. CAST WITH THE USE OF ALUMINUM PATTERNS. SLIGHT DRAFT ALLOWED ON STRAIGHT FACES.
3. COVERS SHALL BE SOLID WITH NO VENT HOLES.
4. APPROXIMATE WEIGHT OF FRAME - 160 LBS. APPROXIMATE WEIGHT OF COVER - 125 LBS. APPROXIMATE WEIGHT OF TOTAL SYSTEM - 285 LBS.
5. ALL MANHOLE COVERS AND FRAMES SHALL BE HEAVY DUTY TRAFFIC RATED (H-20). WHEN THE MANHOLE IS EXPOSED TO ROAD TRAFFIC, THE TOP OF THE FRAME IS TO BE FLUSH WITH THE GROUND. AT ALL OTHER LOCATIONS MANHOLE SHALL BE 3" ABOVE THE GROUND.
6. MANHOLE COVER SHALL CONTAIN THE FOLLOWING MINIMUM INFORMATION: NAME OF PRODUCING FOUNDRY, COUNTRY OF MANUFACTURER, ASTM MATERIAL DESIGNATION, INDIVIDUAL PART #, CAST ON OR HEAT DATE, AND THE WORDS "SANITARY SEWER". IF THE MANHOLE IS FOR A WATER APPLICATION, COVER SHALL CONTAIN "WATER" IN REPLACEMENT OF "SANITARY SEWER". STANDARD LETTERS SHALL BE USED UNLESS OTHERWISE SPECIFIED.
7. INSTALLATION OF PRECAST CONCRETE GRADE RINGS (4" MINIMUM) ARE ALLOWED TO ADJUST GRADES UP TO A MAXIMUM OF 8". ADJUSTMENT GREATER THAN 8" SHALL BE MADE USING A CONCRETE RISER RING ON MANHOLE BARREL. METAL RISER RINGS ON MANHOLE FRAME ARE NOT ALLOWED TO BE USED FOR ADJUSTMENT.
8. REFER TO JMWSC STANDARD SPECIFICATION - MANHOLES.

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			CAST IRON FRAME AND COVER FOR MANHOLE		FILE NO. SS002