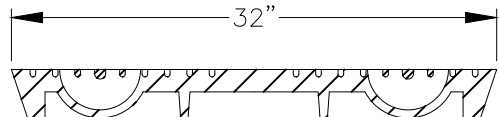
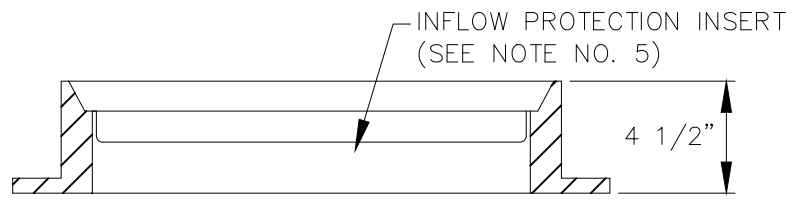


CAST IRON MANHOLE LID AND FRAME PLAN VIEW



LID SECTION VIEW



FRAME SECTION VIEW

NOTES:

1. MANHOLE LID SHALL BE SOLID AND PROVIDED WITH PICK SLOTS ONLY.
2. 32" HEAVY DUTY MANHOLE FRAME AND COVER IS TO BE CAST 400 LBS WITH A DESIGN STRENGTH OF 4,000 PSI.
3. THE HORIZONTAL BEARING SURFACES ARE TO BE MACHINE FINISHED.
4. THE SOLID LID WILL BE PROVIDED WITH MANUFACTURER'S STANDARD LETTERING SHOWING "SANITARY SEWER".
5. INFLOW PROTECTION INSERT, MINIMUM THICKNESS OF ONE-EIGHT INCH (1/8"), MADE OF HDPE MEETING ASTM D 1248 CLASS A, CATEGORY 5, TYPE 111. INSERT SHALL INCLUDE A LIFT STRAP AND VENT HOLE WITH VENT DISK AS MANUFACTURED BY KNUTSON MANHOLE INSERTS OR APPROVED OTHER.
6. MANHOLE SHALL BE ENCASED PER DETAIL ON SHT. WW-6, MANHOLE RING ENCASEMENT DETAIL.
7. INSTALL BOLTED COVER FOR STRUCTURES LOCATED OUTSIDE OF PAVED AREAS. INSTALL UN-BOLTED COVERS WHEN PLACED WITHIN THE STREET OR PAVED AREAS.
8. FRAME AND COVER ARE MANUFACTURED BY EAST JORDAN IRON COMPANY.
 

8.1: BOLTED:	COVER	V1430APT	RING:	V1420/1480Z1PT
8.2: NON-BOLTED:	COVER:	V1430	RING:	V1420/1480Z1



DATE ISSUED:	JUNE 1, 2013		
REVISION	DATE	BY	
1ST REVISION	06/12/15	TN	
2ND REVISION	12/24/15	AM	
3RD REVISION	03/05/19	MS	

TITLE		CAST IRON MANHOLE LID AND FRAME	
SCALE:	DRAWING No.		
N.T.S.	WW-5		