



**ISOMETRIC VIEW**

**NOTES: UNLESS OTHERWISE SPECIFIED.**

1. ALL DIMENSIONS ARE IN DECIMAL INCHES.
2. PRECAST MATERIALS AND MANUFACTURING METHODS SHALL CONFORM TO ASTM C-478.
3. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH F C= 4000 PSI AT 28 DAYS.
4. THE PORTLAND CEMENT USED IN THE PRECAST SECTIONS SHALL MEET THE REQUIREMENTS OF TYPE II/V HIGH SULFATE RESISTANT CEMENT IN ACCORDANCE WITH ASTM C-150.
5. RING AND COVER SHALL BE GREY CAST IRON CONFORMING TO ASTM A-48 CLASS 35B.
6. RING AND COVER STYLE AND MARKINGS VARY BY SPECIFYING AGENCY.
7. STEEL REINFORCED POLYETHYLENE STEPS SHALL CONFORM TO SPPWC AND APWA 636-1.
8. PRE-CAST JOINTS SHALL BE SEALED USING MASTIC.



TITLE		MANHOLE, 48 DIA, 24 RING & COVER-PLASTIC STEPS	
APPROVED BY	DATE	APPROVED BY	DATE
F. ANSALDI	11/16/2005		
DRAWN BY		MODEL NO.	SH 1 OF 1
F. ANSALDI		MH4824P	