



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 MARKING VARY BY SPECIFYING AGENCY.
7. PRE-CAST JOINTS SHALL BE SEALED USING MASTIC.

LOCATION: T:\Drawings\Vault\DESIGN\W\HOLE\SI\H CUT SHEETS\Standard\H48\_SHAFT-STD\30x36-Step.dwg



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DRAWN BY:  
**W. TACK**  
 DATE:  
 7/7/2021

TITLE:  
**MANHOLE, 48" DIA, 30" RING & COVER, WITH STEPS**

SHEETS:  
 1 OF 1

DO NOT SCALE