



ALTERNATIVE PRECAST MANHOLE

NOTES:

1. MANHOLE STEPS ARE TO BE 12" OC.
2. PRECAST CONCRETE MANHOLE DESIGN AND REINFORCEMENT SHALL CONFORM TO ASTM C478, LATEST REVISION WITH A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI.
3. MAXIMUM PIPE O.D. TO BE 31.5" FOR 180° THRU 135° DEFLECTION AND 25" FOR 90° DEFLECTION.
4. PRECAST CONCRETE STRUCTURE TO BE WET CAST WITH MONOLITHIC BASE SECTION.
5. MANHOLES RECEIVING FORCE MAINS SHALL BE PROVIDED WITH FIBERGLASS LINING OR GAS-RESISTANT EPOXY COATING.

REVISIONS

MOWAC WASTE WATER STANDARDS STANDARD PRECAST MANHOLE DETAIL

MISSOURI AMERICAN WATER
ST. LOUIS, MO. 63141

MISSOURI AMERICAN WATER ENGINEERING
727 CRAIG ROAD
ST. LOUIS, MO. 63141



DRAWN BY
PROJECT ENG'R
APPROVED

DATE ##-##-2015
PROJECT IP

USE DIMENSIONS ONLY
SCALE N.T.S.

USE APPROVED DRAWINGS ONLY
FOR CONSTRUCTION PURPOSES

MOAWC-WW-09