



- NOTES:
- 1.) STEPS SHALL BE 16" WIDE STIRRUP TYPE SAFETY STEPS CAST IN-PLACE AT TIME OF MANUFACTURE. STEPS SHALL BE PLACED AT A MAX. OF 16" CENTER TO CENTER. MATERIAL FOR STEPS SHALL BE 3/4" GALV. STEEL, ASTM A-124.
 - 2.) WHEN MANHOLE IS IN PAVED AREA, MANHOLE FRAME SHALL BE SET AFTER ADJACENT PAVEMENT HAS BEEN PLACED. TOP SHALL BE FLUSH WITH PAVEMENT.
 - 3.) ALL JOINTS SHALL BE SEALED WITH AN APPROVED JOINT SEALANT.
 - 4.) VAULT SHALL BE DESIGNED FOR H-20, S-16 LOADING.
 - 5.) LOCATION FOR MANHOLES OVER MANWAYS AS SHOWN ON THE PLAN AND PROFILE SHEETS.



WATER DISTRIBUTION & TRANSMISSION
PIPELINE CONSTRUCTION METHODS

MANHOLE DETAIL
48" MAX ID PIPE