

RESTRAINED JOINT GASKETS MAY BE REQUIRED

ALL PVC PIPE SHALL BE BEDDED WITH 3/4" CLEAN GRANULAR BACKFILL FROM 6" BELOW BOTTOM OF PIPE TO ONE FOOT ABOVE TOP OF PIPE

NO WARPING OR BENDING OF PVC PIPE SHALL BE ALLOWED. MAXIMUM JOINT DEFECTION SHALL BE 2 DEGREES

ALL PVC PIPE SHALL BE PRESSURE CLASS 2000 DR 15 PIPE

ALL HDPE PIPE SHALL BE DIPS SIZE

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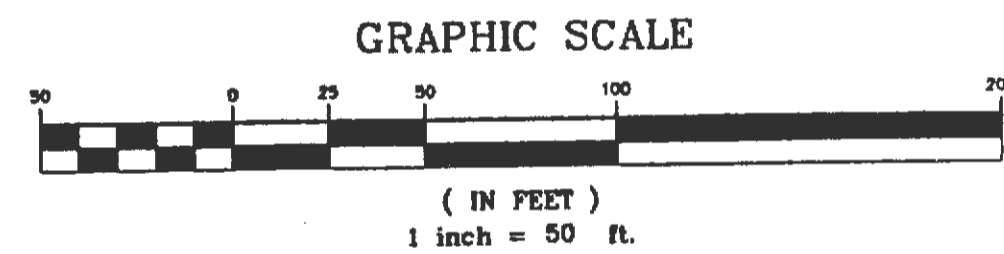
DR 15 PIPE

JOINT RESTRAINED DUCTILE IRON PIPE MAY BE REQUIRED AS FIELD DETERMINED BY MAWC REPRESENTATIVE

Contractor is responsible for determining what bends, tees, reducers, blow-offs, etc. are necessary to complete the project in accordance with Missouri American Water Company Standard Specifications for Installation of Water Facilities, Water main Installation Details and this subdivision water main layout.

Be advised, purchasing incorrect fittings and/or an insufficient number of fittings may cause significant construction delays.

Record Information UNDERGROUND WATER MAIN FACILITIES Location of our facilities is based on record information at time of installation, and may vary several feet from dimensions given. Due to possible changes that could take place since our initial installation, it is the contractor's responsibility to expose the facility by hand before the use of mechanical equipment and protect the facility during his operations. If information is used in planning, we request the contact be made with our local Engineer furnished at the time of construction to obtain the latest information available for our facilities. MISSOURI AMERICAN WATER COMPANY



ANTICIPATED PRESSURES

The normal range of operating pressures in this proposed subdivision will be from 75 psi to 101 psi, varying with ground elevation and company operating requirements. If necessary, appropriate pressure reducing valves should be installed as part of the customer's plumbing to meet the requirements of the applicable plumbing code.

GRANULAT: BACKFILL

- o Streets only
o Under parking
o Under all pavement

HYDRANT TYPE STANDARD

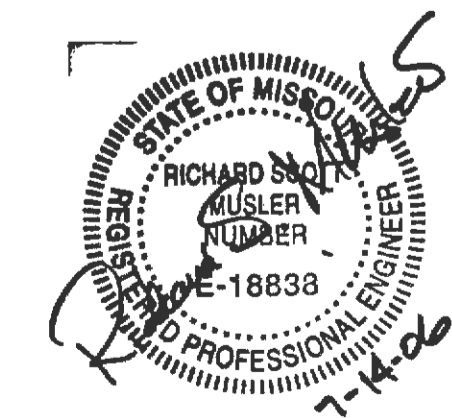
VALVE SHEET 10 W13

DATE 2-17-06

BY GFB

Handwritten signature and date 2/17/06

JOINT RESTRAINED DUCTILE IRON PIPE WITH CASING MAY BE REQUIRED WHEN INSTALLING WATER MAIN IN CLOSE PROXIMITY OF OTHER STRUCTURES AS FIELD DETERMINED BY MAWC REPRESENTATIVE.



- LEGEND:
o FIRE HYDRANT ASSEMBLY SEE DETAIL SHEET 1 OF 5
o VALVE - TO BE SAME SIZE AS PIPE INSTALLED