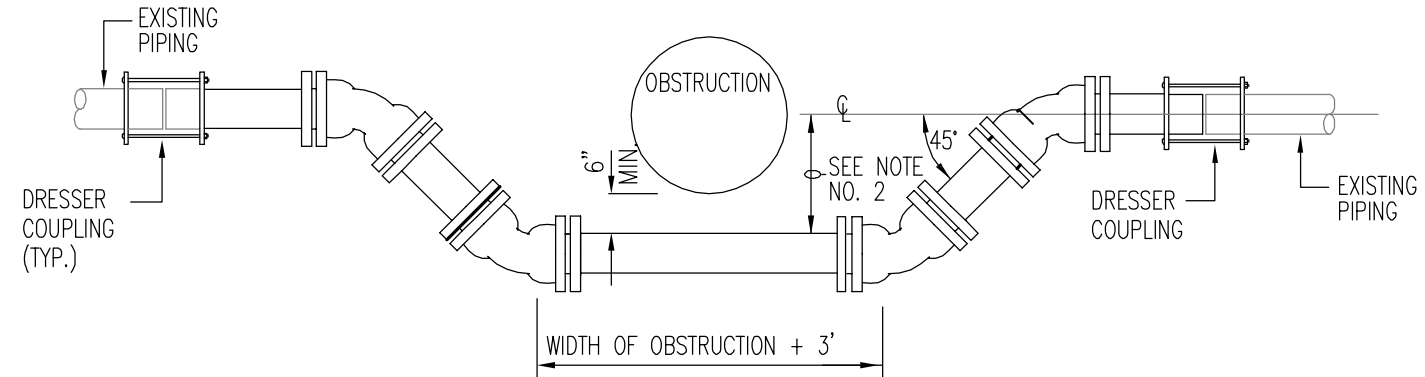


NOTE: WATER MAINS AND SERVICE MAINS SHALL BE INSULATED WITH A MINIMUM 3" URETHANE

WATER PIPE JOINTS

SCALE: 1/2"=1'-0"

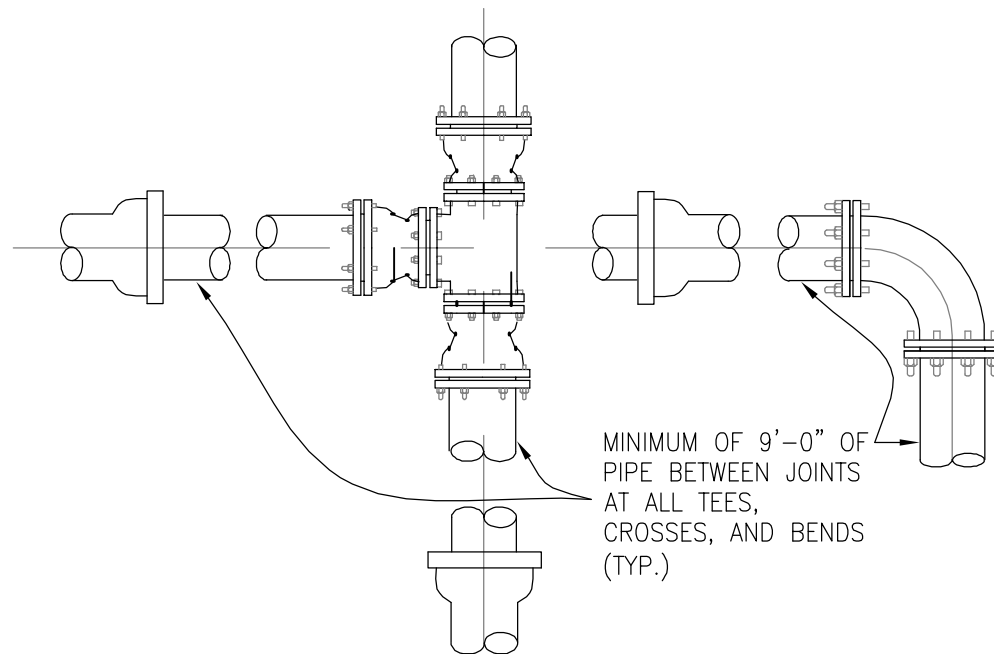
1
W101



TYPICAL RELOCATION DETAIL

SCALE: 1/2"=1'-0"

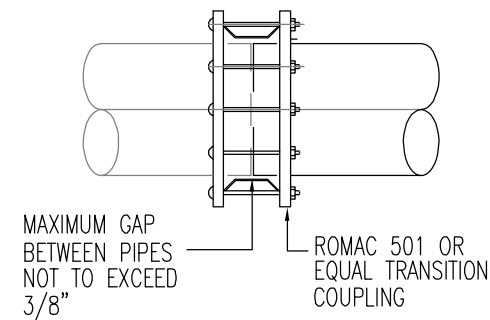
4
W101



PIPE LENGTHS REQUIRED AT TEES AND ELBOWS

SCALE: 3/8"=1'-0"

2
W101



ADAPTATION - STEEL TO DUCTILE IRON PIPE

SCALE: 3/8"=1'-0"

3
W101

NOTES:

1. OFFSET DISTANCE SHALL BE MINIMUM NECESSARY TO ACHIEVE MINIMUM CLEARANCE.
2. ALL JOINTS SHALL BE RESTRAINED AS NECESSARY.
3. PROVIDE CONCRETE THRUST BLOCKS OR THRUST RODS BASED ON WATER PRESSURE, SOIL CONDITIONS AND DU STANDARDS.
4. PROVIDE TRACER WIRE FOR CONNECTION TO NEW/EXIST. WIRE.
5. FOR DIRECT BURIED PIPING REPAIR SEE DWG. W113



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Date: 14 FEB 2010
Scale: NOTED
Designed By: CDH
Drawn By: MMC
Checked By: NEM

DIRECT BURIED WATER DISTRIBUTION SYSTEM
PIPING JOINTS AND OFFSETS

DESIGN & CONSTRUCTION STANDARDS

Drawing No.

UES-DD-W101