

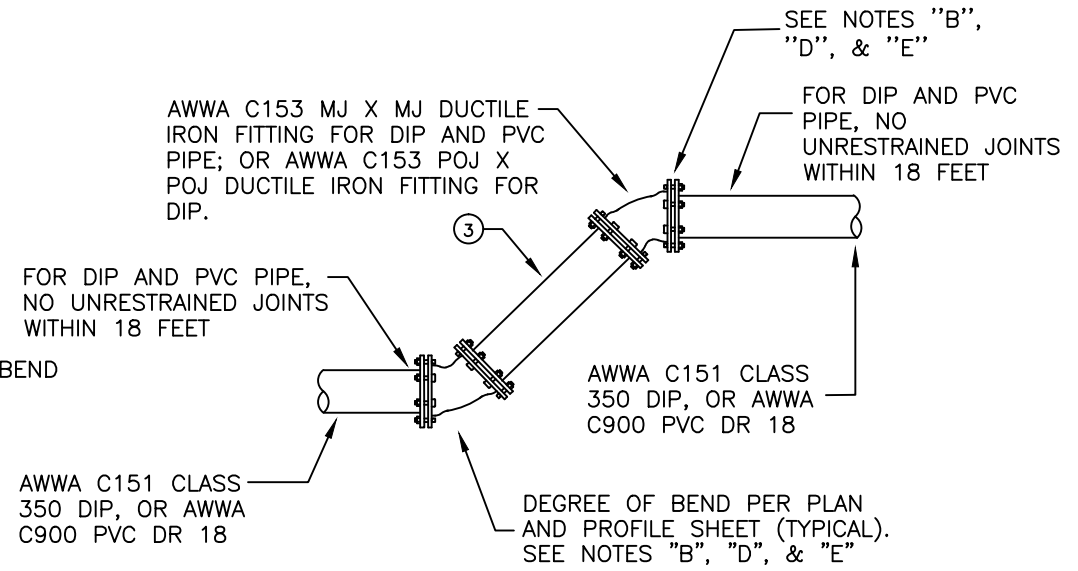
- ① IF UTILITY BEING CROSSED IS NOT A STORM DRAIN, SEWER, OR OTHER WATER LINE, THEN THE "NO JOINT" REQUIREMENT DOES NOT APPLY.
- ② IF THE UTILITY BEING CROSSED IS A SEWER, STORM DRAIN OR OTHER WATER LINE, THE TYPE OF PIPE MUST BE DUCTILE IRON OR AWWA C900 DR 14 PVC PIPE.
- ③ NO JOINTS ALLOWED IF LESS THAN 18 FEET. ALL JOINTS BETWEEN FITTINGS MUST BE RESTRAINED WITH EITHER OF THE METHODS DESCRIBED FOR DIP. BELL RESTRAINTS FOR PVC PIPE ARE NOT ALLOWED.

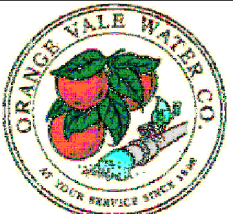
LEGEND

DIP= DUCTILE IRON PIPE
 AWWA= AMERICAN WATER WORKS ASSOC.
 PVC= POLYVINYL CHLORIDE PIPE
 POJ= PUSH ON JOINTS
 OVWC= ORANGE VALE WATER COMPANY

NOTES

- A. IF DIP IS USED, FITTINGS MAY HAVE BELL ENDS WITH U.S. PIPE FIELD LOK GASKETS FOR RESTRAINING DEVICES OR APPROVED EQUAL BY OVWC. BELL RESTRAINTS FOR PVC PIPE ARE NOT ALLOWED.
- B. SEE PLAN AND PROFILE FOR RESTRAINED LENGTH AND DEGREE OF BEND
- C. IF BEND IS TO EXCEED 22.5 DEGREES, THE BEND AND THE RESTRAIN LENGTH MUST BE APPROVED BY OVWC.
- D. WRAP ALL DIP AND FITTINGS WITH 8 MIL. POLYETHYLENE ENCASEMENT IN ACCORDANCE WITH AWWA C105.
- E. RESTRAINING DEVICE FOR DIP: FOR POJs, USE U.S. PIPE FIELD LOK GASKETS OR APPROVED EQUAL; FOR MJ JOINTS USE STAR PIPE PRODUCTS STARGRIP 3000, STAR PIPE PRODUCTS ALLGRIP 3600, EBAA MEGALUG 2000PV SERIES, OR APPROVED EQUAL BY OVWC.
- F. RESTRAINING DEVICE FOR PVC PIPE: USE MJ FITTINGS WITH STAR PIPE PRODUCTS ALLGRIP 3600, EBAA MEGALUG 2000PV SERIES, OR APPROVED EQUAL BY OVWC.
- G. PRIOR APPROVAL MUST BE ATTAINED BY OVWC IF A WATER MAIN MUST BE INSTALLED BELOW SEWER. DIP SHALL BE USED.



ORANGE VALE WATER COMPANY		
	UTILITY CROSSING	
	SCALE: NONE DATE: 05/12	OV- 6