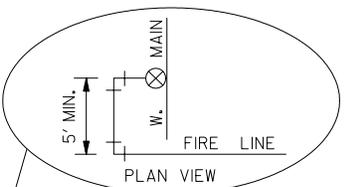
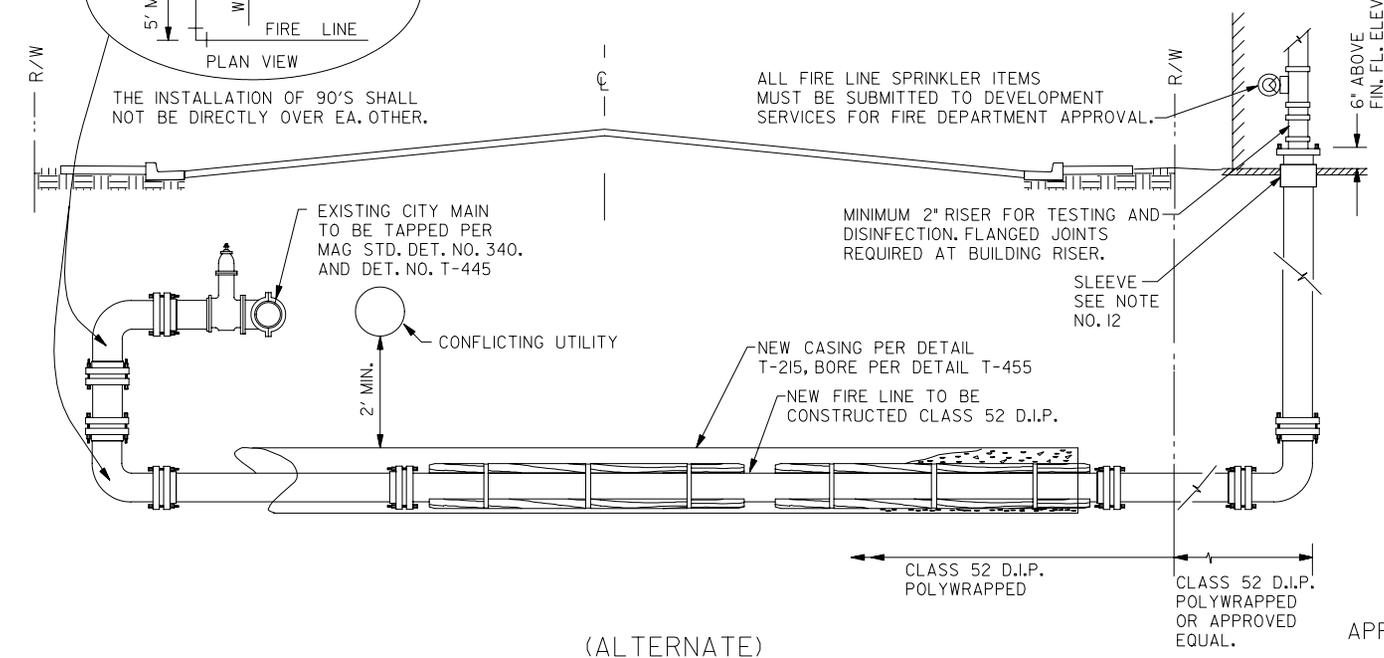


(TYPICAL)



THE INSTALLATION OF 90'S SHALL NOT BE DIRECTLY OVER EA. OTHER.



(ALTERNATE)

ALL FIRE LINE SPRINKLER ITEMS MUST BE SUBMITTED TO DEVELOPMENT SERVICES FOR FIRE DEPARTMENT APPROVAL.

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NOTES

1. BORE REQUIRED UNLESS AN "OPEN CUT" IS APPROVED IN WRITING BY THE CITY ENGINEER.
2. ALL WATERLINES WILL BE FLUSHED, PRESSURE TESTED, AND DISINFECTED IN ACCORDANCE WITH MAG SECTION 610 THROUGH A TEST POINT INSTALLED AT THE RISER.
3. ALL PIPE TO BE 6" DIA. CLASS 52 D.I.P. POLYWRAPPED FROM THE MAIN TO THE PROPERTY LINE (UNLESS CALCULATIONS ARE SUBMITTED AND APPROVED BY FIRE DEPT. FOR SMALLER SIZES).
4. BACKFILL TYPE-I IS REQUIRED WITHIN LIMITS OF RIGHT OF WAY OR EASEMENT. (SECTION 601 OF THE MAG SPECIFICATIONS).
5. WATER DEPARTMENT REPRESENTATIVE MUST BE PRESENT DURING TAP. CONTACT AT PHONE No. 480-350-2634.
6. MIN. COVER IN MAJOR STREETS IS 48". IN OTHER LOCATIONS 36".
7. ALL SPRINKLER AND IRRIGATION SYSTEMS THAT ARE DISTURBED IN THE COURSE OF THE WORK IN AREAS WHERE LANDSCAPE WILL REMAIN SHALL BE REPAIRED. THE REPAIRED SYSTEM SHALL MEET OR EXCEED THE CONDITIONS EXISTING PRIOR TO THE DISTURBANCE.
8. ALL BROKEN OR DISPLACED CONCRETE CURB & GUTTER, SIDEWALK, AND ASPHALT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE CITY OF TEMPE ENGINEERING DIVISION.
9. THRUST BLOCKS OR RESTRAINED JOINTS IN ACCORDANCE WITH MAG. STANDARDS.
10. ALL WORK OUTSIDE THE PUBLIC RIGHT OF WAY SHALL CONFORM TO NATIONAL FIRE PROTECTION ASSOCIATION STANDARDS.
11. NO REDUCED PRESSURE BACKFLOW OR DOUBLE CHECK BACKFLOW PREVENTION DEVICES ALLOWED ON FIRELINES.
12. 2" MIN. CLEARANCE SHALL BE PROVIDED AROUND ALL PIPING EXTENDING THROUGH WALLS, FLOORS, PLATFORMS, AND FOUNDATIONS, INCLUDING DRAINS, FIRE DEPARTMENT CONNECTIONS, AND OTHER AUXILIARY PIPING.

APPROVED: _____ DATE _____
 DEPUTY PUBLIC WORKS MANAGER
 CITY ENGINEER