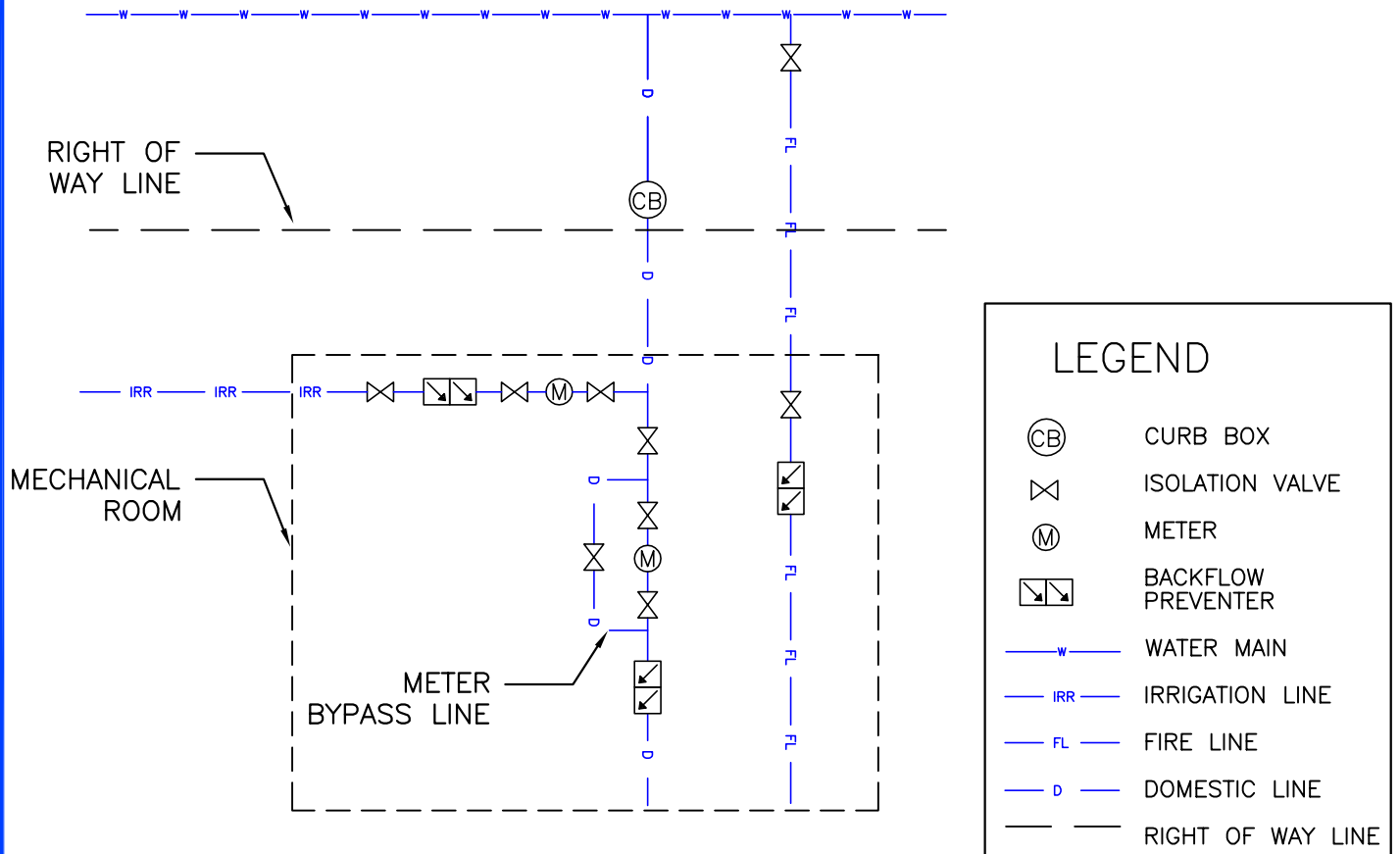


# TYPICAL COMMERCIAL WATER SERVICE

## GENERAL NOTES

1. ALL COMMERCIAL AND MULTIFAMILY (GREATER THAN 4 UNITS) SERVICES REQUIRE BACKFLOW PREVENTION DEVICES INSTALLED IN ACCORDANCE WITH MISSOULA WATER'S BACKFLOW RULES, INCLUDING PROVIDING ADEQUATE DRAINAGE IN THE EVENT OF DISCHARGE FROM THE BACKFLOW PREVENTER. IN MOST CASES, REDUCED PRESSURE PRINCIPLE BACKFLOW DEVICES WILL BE REQUIRED ON BOTH DOMESTIC AND FIRE LINES.
2. COMMERCIAL OR MULTIFAMILY BUILDINGS WITH A FIRE LINE MUST HAVE SEPARATE FIRE AND DOMESTIC LINES TO THE WATER MAIN, EACH WITH A SHUTOFF VALVE IN THE RIGHT-OF-WAY.
3. IF MULTIPLE UNITS IN A BUILDING WILL BE METERED SEPARATELY, EACH UNIT MUST HAVE A SEPARATE OUTSIDE SHUTOFF VALVE LOCATED IN THE RIGHT-OF-WAY.
4. COMMERCIAL METERS LARGER THAN 1-INCH MUST BE INSTALLED IN A BUILDING MECHANICAL ROOM WITH A MINIMUM CEILING HEIGHT OF 6 FEET. COMMERCIAL METERS LARGER THAN 1-INCH CAN ONLY BE INSTALLED IN METER PITS IF APPROVED BY THE PUBLIC WORKS DIRECTOR. METERS 1-INCH AND SMALLER MAY BE INSTALLED IN A PREFABRICATED PIT AS DESCRIBED IN WSD-2. THESE PITS CANNOT BE INSTALLED WHERE VEHICLES MAY BE PRESENT.
5. A 1/2-INCH PVC CONDUIT WITH A PULL WIRE MUST BE INSTALLED FROM THE WATER METER ALL THE WAY THROUGH AN EXTERIOR WALL OF THE BUILDING WITHIN 2-5 FEET OF GROUND SURFACE, FOR INSTALLATION OF A REMOTE TRANSMITTER.
6. METERS LARGER THAN 1-INCH REQUIRED A BYPASS LINE.
7. METERS ARE NOT ALLOWED IN CRAWL SPACES.
8. METERS MUST BE INSTALLED HORIZONTALLY
9. METERS MUST BE INSTALLED WITHIN 1-FOOT AND 5-FEET ABOVE FLOOR LEVEL.
10. NO OBSTRUCTIONS ARE ALLOWED WITHIN 12-INCHES ABOVE OR BELOW THE METER.
11. THERE SHALL BE A MINIMUM OF 6-INCHES OF HORIZONTAL CLEARANCE BETWEEN THE METER AND ANY WALL OR OTHER OBSTRUCTION.
12. SUFFICIENT ACCESS SHALL BE PROVIDED TO THE FRONT OF THE METER FOR INSTALLATION AND REMOVAL. THERE SHALL BE A MINIMUM OF 4-FEET OF CLEAR SPACE IN FRONT OF THE METER.



NOT TO SCALE



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**TYPICAL COMMERCIAL  
 WATER SERVICE**

**WSD-1**

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