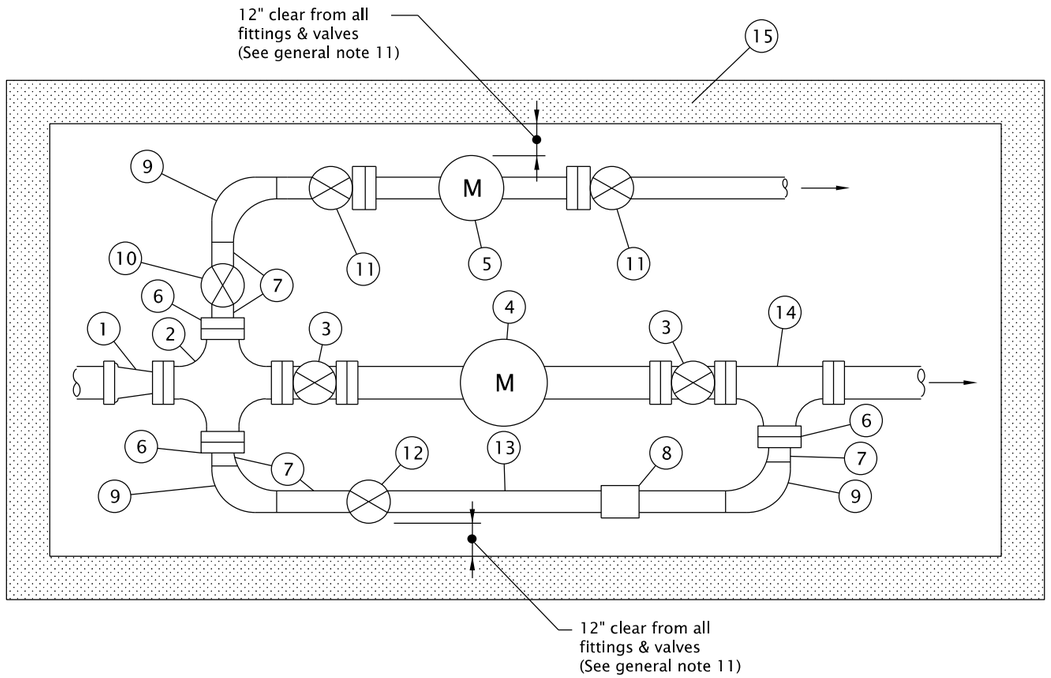

1. Mechanical joint x flange adapter
2. All-flange cross
3. Flange gate valve
4. Meter (Domestic)
5. Meter (Irrigation)
6. Companion flange
7. Brass nipples
8. Mechanical coupling
9. I.P. x I.P. brass elbow
10. I.P. x I.P. gate valve (Optional)
11. I.P. x meter flange gate valve
12. I.P. x I.P. gate valve
13. Brass pipe
14. All-flange tee
15. Concrete valult

REFERENCE DRAWING ONLY
(NOT FOR CONSTRUCTION)
SEE SPECIAL PROVISIONS FOR
SPECIFIC PROJECT REQUIREMENTS.

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Vaults shall be sized per specifications and minimum clearances. When required, vaults shall be designed for site specific conditions by a resistered professional engineer.
2. All vaults shall be supported with adequate concrete floor and shall be designed to prevent bouyancy from groundwater if groundwater exists at any time during the year. Vaults shall be water-tight.
3. Precast concrete utility vaults may be used in lieu of cast-in-place when sizes are available.
4. Backflow devices to be installed on service and irrigation lines as required.
5. Standard bypass size is 2".
6. Service and irrigation line sizes will vary according to need.
7. Tees and valves shall be supported with conc. blocks, jacks or adjustable pipe supports.
8. Vault depth shall be such that there is a minimum clearance to the vault lid of 6" when the valves are fully open.
9. Provide flexible connections on piping within 18" of vault wall.
10. Provide opening and ladder locations, vault drainage and pipe penetrations in accordance with special provisions and contract drawings.
11. Provide 12" clear from all fittings & valves to floor.
12. See project plans for details not shown.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

WATER METER ASSEMBLY (LARGER THAN 2")

2024

DATE	REVISION DESCRIPTION

CALC. BOOK NO. N/A | SDR DATE 25-JUL-2017 | **RD278**

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20-JUL-2020
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