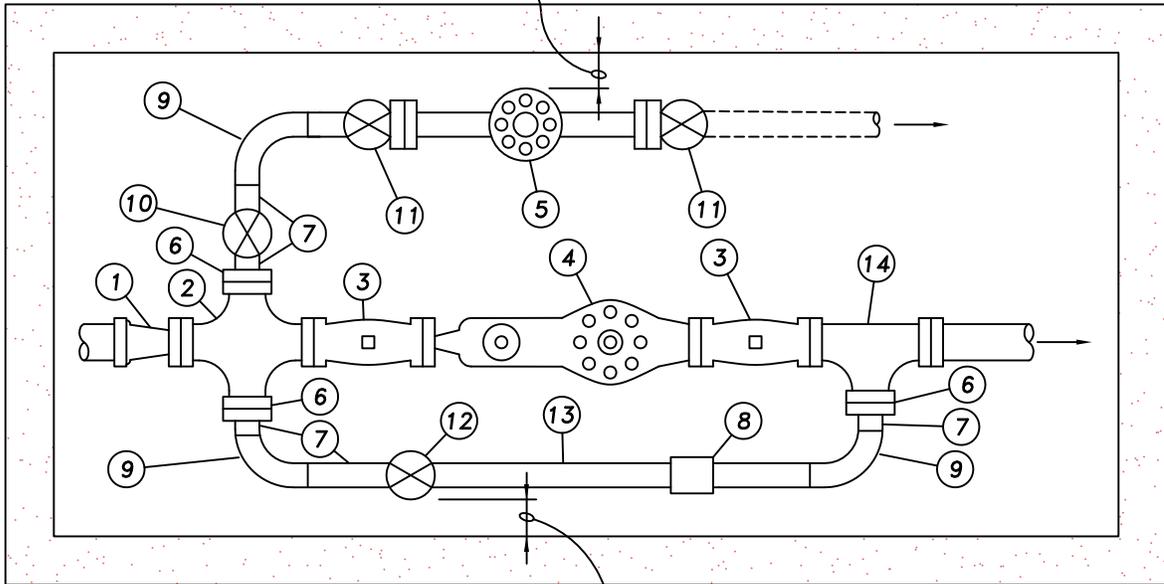


12" CLEAR FROM ALL
FITTINGS AND VALVES



12" CLEAR FROM ALL
FITTINGS AND VALVES

- ① MECHANICAL JOINT X FLANGE ADAPTER
- ② ALL-FLANGE CROSS
- ③ FLANGE GATE VALVE
- ④ COMPOUND METER (DOMESTIC)
- ⑤ DISC METER (IRRIGATION)
- ⑥ COMPANION FLANGE
- ⑦ BRASS NIPPLES
- ⑧ MECHANICAL COUPLING
- ⑨ I.P. X I.P. BRASS 90
- 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

NOTES:

1. VAULTS SHALL BE SIZED PER SPECIFICATIONS AND MINIMUM CLEARANCES. WHEN REQUIRED, VAULTS SHALL BE DESIGNED FOR SITE SPECIFIC CONDITIONS BY A LICENSED STRUCTURAL 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 INCH.
6. SERVICE AND IRRIGATION LINE SIZES WILL VARY ACCORDING TO NEED.
7. TEES AND VALVES SHALL BE SUPPORTED WITH PIER BLOCKS OR JACKS.
8. VAULT DEPTH SHALL BE SUCH THAT THERE IS A MINIMUM CLEARANCE TO THE VAULT LID OF 6" WHEN THE VALVES ARE FULLY OPEN.

**CITY OF FLORENCE
STANDARD DRAWING**

**COMPOUND
METER SETTINGS
WITH IRRIGATION**

DATE:

10-3-11

DRAWING NO.

F-409