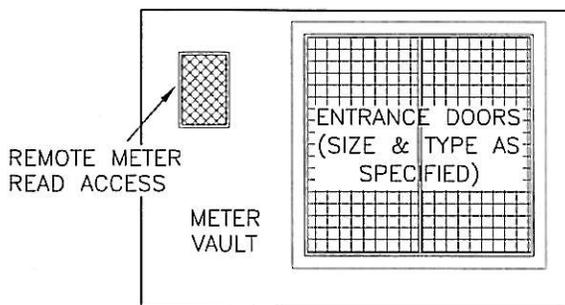
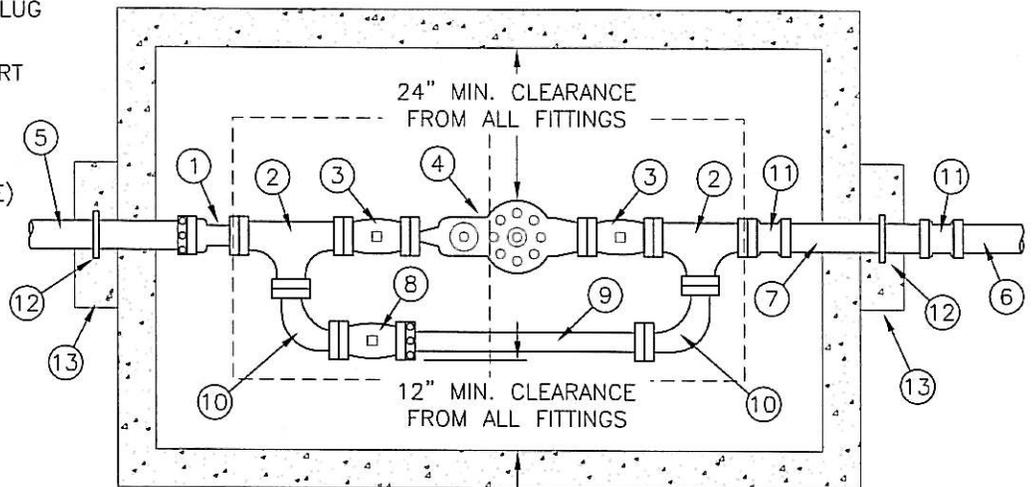
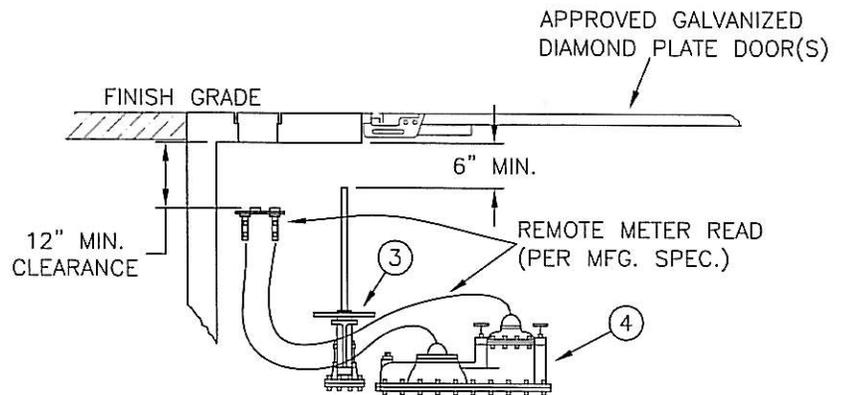


- ① M.J.xFLG. ADAPTER WITH MEG-A-LUG RETAINER GLAND
- ② FLG. TEE WITH APPROVED SUPPORT
- ③ FLG. GATE VALVE
- ④ COMPOUND METER (DOMESTIC)
- ⑤ DUCTILE IRON SERVICE (CITY SIDE)
- ⑥ EXISTING SERVICE
- ⑦ AS SPECIFIED
- ⑧ FLG.xM.J. GATE VALVE
- ⑨ FLG.xP.E. SPOOL
- ⑩ FLG. 90° ELBOW
- ⑪ ADAPTER
- ⑫ RETAINER GLAND (TYP.)
- ⑬ STRADDLE BLOCK (SEE SUPP. DWG. 01100-04)



PLAN VIEW



ELEVATION VIEW

**NOTES:**

1. VAULTS SHALL BE SIZED TO MEET SPECIFICATION AND MINIMUM CLEARANCES SHOWN HERE. VAULT DEPTH SHALL PROVIDE A MINIMUM OF 6" CLEARANCE TO VAULT LID WHEN VALVES ARE FULLY OPEN.
2. ALL VAULTS SHALL BE ADEQUATELY SUPPORTED, WATER-TIGHT AND DESIGNED TO PREVENT BUOYANCY DUE TO GROUNDWATER CONDITIONS.
3. WHEN REQUIRED, VAULTS SHALL BE DESIGNED FOR SITE-SPECIFIC CONDITIONS BY A LICENSED STRUCTURAL ENGINEER. APPROVED PRECAST VAULTS MAY BE USED IF SPECIFIED SIZES ARE AVAILABLE.
5. TO ACCOMMODATE VALVE MAINTENANCE AND REMOVAL, VAULT DOORS MUST BE PLACED DIRECTLY ABOVE DEVICES AND VALVES/FITTINGS SHALL BE SUPPORTED AND RESTRAINED WITH APPROVED CRADLES AND/OR PIPE SUPPORTS.
6. A SUMP PUMP MAY BE REQUIRED TO CONTROL WATER INFILTRATION.
7. ALL PIPES, VALVES AND FITTINGS SHALL BE DUCTILE IRON UNLESS OTHERWISE SPECIFIED.
8. STANDARD BYPASS SIZE IS 2" DIA.; SERVICE LINE SIZE MAY VARY ACCORDING TO NEED.
9. METER ASSEMBLIES MAY BE ELIMINATED ON STATIC PRESSURE FIRE SUPPRESSION SYSTEMS, PROVIDED A DETECTION LOOP IS INSTALLED WITH THE BACKFLOW PREVENTION DEVICE.
10. BACKFLOW PREVENTION DEVICES SHALL BE INSTALLED ON ALL IRRIGATION LINES, SERVICES 2" AND LARGER OR AS OTHERWISE REQUIRED (SEE SUPP. DWG. 01100-12 & 01100-13).



**CITY of LEBANON SUPPLEMENTAL DRAWING**

APPROVED

*Donald A. Hamrick*  
CITY ENGINEER

**METER VAULT WITH  
REMOTE READ  
(LARGER THAN 2")**

DATE:  
Jan. 2009

DRAWING NO:  
01100-12