



- BRASS PIPING FROM FILTER, PUMP OR BACKFLOW DEVICE PER SPECS
- GRADE IN PLANTER 4" BELOW BOX
- WIRING (SEE NOTE BELOW)
- RECTANGULAR VALVE BOX W/ LOCKING SS BOLT
- HEAT BRAND "MV"
- MASTER VALVE PER PLAN & SPECS.
- GRADE IN TURF 2" BELOW BOX
- SCH 80 PIPING TO FLOW METER
- NATIVE SOIL COMPACTED TO ORIGINAL DENSITY
- SCH 80 PVC
- SCH 80 MALE ADAPTER (LINE SIZE)
- 1/2" GALV. WIRE MESH BELOW BOX
- 3 CU.FT. 3/4" GRAVEL WITH 3" GAP BETWEEN VALVE & GRAVEL
- 3/4" CONDUIT TO CONTROLLER WITH #12 WIRE (COLOR TO BE RED W/STRIPE)

**NOTES:**

1. ALL WIRING SHALL BE APPROVED BY THE DISTRICT PRIOR TO BACKFILL
2. PROVIDE 24" LONG EXPANSION COILS AT EACH WIRE CONNECTION
3. PROVIDE 4 EA. CONCRETE BRICKS UNDER VALVE BOX (TYP.)
4. USE IRON DUCTILE FITTINGS FOR 4" & LARGER MAINLINE
5. PROVIDE SEPARATE MASTER VALVE AND FLOW METER WHEN AN ADDITIONAL CONTROLLER IS SPECIFIED OR USE SINGLE MASTER VALVE AND FLOW METER WHEN THE "FL" OPTION IS USED FOR MULTIPLE CONTROLLERS AS APPROVED BY THE DISTRICT AND CALSENSE
6. NEVER CONNECT SINGLE MASTER VALVES AND FLOW METERS TO BOTH CONTROLLERS
7. PROVIDE BRASS PIPING IN LIEU OF SCH 80 PVC WHEN BRASS FLOW METER IS SPECIFIED
8. SEAL WIRE CONNECTORS AND CONDUIT OPENING WITH HARDENING SEALANT PER SPECS.
9. FLOW METERS 3" AND LARGER SHALL BE FLANGED. PROVIDE SPOOLS AND ADAPTERS AS REQ'D.
10. MASTER VALVE SHALL BE STAINLESS STEEL W/PRESSURE REDUCING AND SURGE RELIEF OPTIONS

LD Consulting 2012 (Any deviation or reproduction of this design must be approved in writing by Valley-Wide Recreation & Park District)



**VALLEY-WIDE RECREATION & PARK DISTRICT**

**MASTER CONTROL VALVE**

**IR-15**

**REV. 2012**