



**LEGEND:**

- ① JUMBO RECTANGULAR PLASTIC VALVE BOX WITH LOCKING LID (PER PLAN AS SPECIFIED)
- ② SCH 80 TOE NIPPLE ASSEMBLY - USE IN PLACE OF MIPT ADAPTERS (TYP) (REFER TO STD MVLI-544B-0)
- ③ MASTER CONTROL VALVE (PER PLAN AS SPECIFIED)
- ④ WATERPROOF CONNECTION (PER SPECIFICATIONS)
- ⑤ PROVIDE 24" MIN EXPANSION LOOP
- ⑥ SCH 80 PVC UNION (FIPT x FIPT)
- ⑦ 3/4" WASHED CRUSHED AGGREGATE - 6" DEPTH
- ⑧ MAINLINE FROM POC/BACKFLOW PREVENTER ASSEMBLY
- ⑨ FINISH GRADE
- ⑩ 1/4" STAINLESS STEEL MESH SCREEN, TYPE 316
- ⑪ CHRISTY ID TAG WITH CONTROLLER NUMBER
- ⑫ SCH 80 CLOSE NIPPLE
- ⑬ CONCRETE BRICK TYP OF 4
- ⑭ 3/4" ELEC CONDUIT TO FLOW SENSOR AND/OR IRRIGATION CONTROLLER
- ⑮ DUCT SEAL
- ⑯ VALVE BOX EXTENSION (AS NECESSARY)
- ⑰ 1/4" GALVANIZED WIRE MESH

**NOTES:**

- 1) INSTALL MASTER VALVE MINIMUM 3 FT DOWNSTREAM OF POC / BACKFLOW ASSEMBLY.
- 2) INSTALL MASTER VALVE MINIMUM 12" FROM STRUCTURES / HARDSCAPE.
- 3.) INSTALL THRUST BLOCKS OR BRACE PER SPECIFICATIONS.
- 4.) EPOXY COATED DUCTILE IRON FITTINGS REQUIRED ON MAINLINE 4" AND LARGER.

NOT TO SCALE

	RECOMMENDED:  DIVISION MANAGER	6/20/19 DATE	<h2 style="margin: 0;">CITY OF MORENO VALLEY</h2> <p style="margin: 0;">PARKS AND COMMUNITY SERVICES DEPARTMENT</p>
	APPROVED:  PUBLIC WORKS DIRECTOR / CITY ENGINEER	7/30/19 DATE	<h3 style="margin: 0;">MASTER VALVE ASSEMBLY DETAIL</h3>