

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-544A-0)
- (3) MASTER CONTROL VALVE (PER PLAN AS SPECIFIED)
- (4) WATERPROOF CONNECTION SPEARS DS-100 OR APPROVED EQUAL. FILL W/ DS-300 SEALANT OR APPROVED EQUAL (REFER TO STANDARD MVLI-545A-0)
- (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" GALVANIZED WIRE MESH SCREEN
- (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) PLUMBERS PUTTY IN HOLE
- (16) VALVE BOX EXTENSION (AS NECESSARY)

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.

NOT TO SCALE



RECOMMENDED:

DIVISION MANAGER

DATE

APPROVED:

PUBLIC WORKS DIRECTOR

DATE

CITY ENGINEER

CITY OF MORENO VALLEY

FINANCIAL & MANAGEMENT SERVICES DEPARTMENT - SPECIAL DISTRICTS DIVISION

MASTER VALVE ASSEMBLY

DETAIL

STANDARD PLAN

MVLI-543A-0

SHEET 1 OF 3