

LEGEND:

- 1 BACKFLOW PREVENTER ASSEMBLY
- 2 BRASS CLOSE NIPPLE
- 3 BRASS 90 ELL-TYPICAL (4) PLACES
- 4 BRASS NIPPLE
- 5 6" THICK CONCRETE PAD (SEE PAD SCHEDULE)
SLOPE TO DRAIN AT MINIMUM 2%
- 6 FINISH GRADE
- 7 BRASS NIPPLE
- 8 12" x 12" x 12" CONCRETE THRUST BLOCKS - TYPICAL (2) PLACES
- 9 SCHEDULE 80 TOE NIPPLE ASSEMBLY - TYPICAL (2) PLACES (REFER TO STANDARD MVLI-544A-0)
- 10 LINE SIZED BRASS FULL PORT LOCKING BALL VALVE
- 11 BRASS WYE STRAINER WITH 60 MESH SCREEN AS SPECIFIED
- 12 BRASS UNION (OR PRESSURE REGULATOR WITH UNION IF REQUIRED)
- 13 BRASS COUPLING
- 14 BRASS NIPPLE - LENGTH AS NECESSARY TO EXTEND PAST CONCRETE PAD
- 15 PVC MAIN LINE

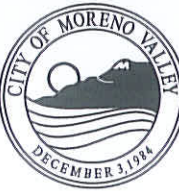
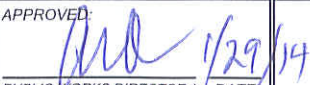
PAD SCHEDULE

RP DEVICE SIZE	WIDTH	LENGTH
2 1/2"	30"	66"
3"-4"	36"	78"

NOTES:

- 1) EQUIPMENT TO BE INSTALLED AT A MINIMUM OF 24" FROM ANY STRUCTURES OR HARDSCAPING.
- 2) WHEN UNIT IS NEXT TO A STRUCTURE (I.E. WALL, BUILDING, ETC.) MOUNT TEST COCKS ON OPEN OR NON-STRUCTURE SIDE.
- 3) REDUCED PRESSURE DEVICE MUST BE SAME SIZE AS WATER METER/SERVICE LINE PER EMWD.
- 4) IF PRESSURE REGULATING VALVE IS REQUIRED, INSTALL ON DOWNSTREAM LEG OF BACKFLOW PREVENTER.

NOT TO SCALE

	RECOMMENDED: <i>COS</i> 1-16-14 DIVISION MANAGER DATE	<h2 style="margin: 0;">CITY OF MORENO VALLEY</h2> <p style="margin: 0;">FINANCIAL & MANAGEMENT SERVICES DEPARTMENT - SPECIAL DISTRICTS DIVISION</p>	STANDARD PLAN
	APPROVED:  PUBLIC WORKS DIRECTOR / DATE CITY ENGINEER	<h3 style="margin: 0;">REDUCED PRESSURE BACKFLOW PREVENTER</h3>	MVLI-547A-0