

CONCRETE VALVE BOX WITH LOCKING TOP AS APPROVED BY THE ENGINEER

UNMORTARED STANDARD BRICKS (4) FOUNDATION ON COMPACTED SUBGRADE (USE 6 BRICKS FOR OVERSIZED BOXES)

VALVE CENTERED IN BOX

PLAN

CONCRETE RECTANGULAR VALVE BOX WITH HINGED CAST IRON, SELF-LOCKING, LID. IMPRINTED W/RCV AND CONTROLLER ID LETTER ON LID.

FINISHED GRADE
MULCH DEPTH, PER PLAN

CONTROL WIRES 24" LEAD LENGTH (COILED WITH VALVE ID TAG)

3" MIN

12" MAX

FINISHED GRADE (TURF)

SIDEWALK OR MOW CURB

1" MIN CLEARANCE BETWEEN TOP OF PIPE AND VALVE BOX KNOCK OUTS (BOTH SIDES)

15" PVC PIPE AND ELBOW, SCH 40

COMPACT SOIL AROUND VALVE BOX

NIPPLE, ELBOW AND RISER FROM MANIFOLD TEE OR ELBOW, AS SHOWN /NOTED ON SDI-126 UNLESS OTHERWISE SPECIFIED.

2" MIN
3/8" PEA GRAVEL
4" MIN DEPTH

PVC UNION, NIPPLES, AND ELBOW, SCH 80

RED BRASS FROM ISOLATION VALVE

ELEVATION

NOTES:

1. SPLICING SHALL BE MADE IN VALVE BOXES AND PULL BOXES ONLY. SEE SDI-115 FOR SPLICE /SOLDERING NOTES.
2. SPLICES SHALL BE SOLDERED WITH A PROPERLY SET MECHANICAL SPLICE CONNECTOR, ENTIRELY ENCLOSED IN SELF-CURING RESIN AND SHALL BE COMPLETELY WATER-PROOF.
3. KNOCK OUTS SHALL NOT BE ENLARGED.
4. INSTALL ONLY ONE VALVE PER BOX.
5. VALVE BOXES SHALL BE SET PERPENDICULAR TO HARDSCAPE, ABOVE FINISHED GRADE IN SHRUB /GROUNDCOVER AREAS, PER MULCH DEPTH. IF NECESSARY TO BE SET IN TURF, VALVE BOXES SHALL BE SET FLUSH WITH FINISHED GRADE.
6. CLOSE NIPPLES SHALL NOT BE USED.
7. NIPPLES, ELBOWS, AND FITTINGS SHALL BE THREADED RED BRASS FROM ISOLATION VALVE THROUGH THE VALVE, UNLESS OTHERWISE SPECIFIED.
8. TEFLON TAPE SHALL BE USED ON THREADED CONNECTIONS

LEGEND ON PLANS

▼ RCV

REVISION	BY	APPROVED	DATE
ORIGINAL*	RH	J. NAGELVOORT	01/12
UPDATED	AR	J. NAGELVOORT	10/15

CITY OF SAN DIEGO - STANDARD DRAWING

RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE

C. Bungia 10/5/15
COORDINATOR R.C.E. 56523 DATE

REMOTE CONTROL VALVE

DRAWING NUMBER

SDI-114