

- 1 AUTOMATIC CONTROLLER PER IRRIGATION LEGEND (WALL MOUNTED).
- 2 WALL.
- 3 FINISH GRADE.
- (4) CONTROL WIRES TO ELECTRIC VALVES IN RIGID CONDUIT.
- (5) RIGID CONDUIT FOR POWER SUPPLY.



1 FINISH GRADE 4" MIN. TYP. 4

LANDSCAPE DRIPLINE.

(5) DIRECT BURIAL LOW VOLTAGE

CONTROL WIRES, BUNDLE AT 10 FT.

O.C., BURY AT SAME DEPTH AS

(6) CLEAN BACKFILL, SATURATE AND

(3) PVC LATERAL LINE

(4) PVC MAINLINE

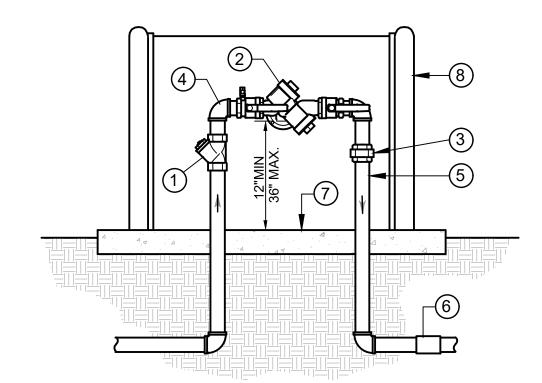
MAINLINE

COMPACT TO 90%

(7) UNDISTURBED SOIL

(2) POLYETHYLENE LATERAL LINE OR

NOT TO SCALE



1 BRASS WYE STRAINER (LINE SIZE).

(2) REDUCED PRESSURE **BACKFLOW DEVICE WITH 2** BALL VALVES, REFER TO PLAN FOR TYPE AND SIZE 3 BRASS UNION

(4) BRASS ELL (TYPICAL)

- (5) BRASS NIPPLE, TYPICAL (6) PVC MALE ADAPTER
- 7 3" THICK CONCRETE PAD. WRAP PIPES W/ 10 MIL TAPE. SATURATE AND COMPACT SUB-GRADE
- TO 90% PRIOR TO POUR **ENCLOSURE PER** LEGEND.

1) REMOTE CONTROL VALVE PER IRRIGATION LEGEND.

(10) PVC MAINLINE PER IRRIGATION LEGEND, SIZE PER PLAN

(13) PVC LATERAL LINE PER IRRIGATION LEGEND, SIZE PER PLAN

(12) PRESSURE REGULATOR PER IRRIGATION LEGEND

(15) BRICKS FOR BOX SUPPORT (1 AT EA. CORNER)

(4) SCH. 80 PVC FEMALE ADAPTER (FPT x SLIP)

(3) SCH. 80 PVC UNION (THREADED)

(6) 2" SCH. 80 PVC NIPPLE, TYP.

(7) 2" SCH. 80 PVC ELBOW (THREADED)

(1) WYE FILTER PER IRRIGATION LEGEND

(14) 3" MIN. DEPTH OF 3/4" WASHED GRAVEL

(16) FINSHED GRADE OF ROCK MULCH

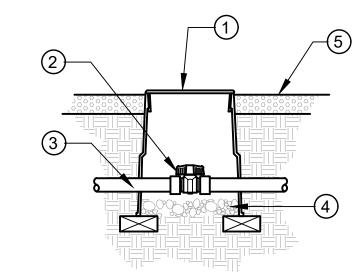
(8) 2" SCH. 80 PVC TEE (THREADED)

5 VALVE BOX.

2 2" GRAY FEMALE THREADED PVC BALL VALVE (SAME SIZE AS RCV)

9 30-INCH LINEAR LENGTH OF WIRE, COILED, WATERPROOF CONNECTIONS

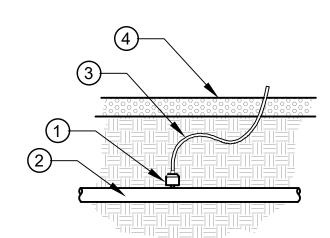
**BACKFLOW PREVENTION DEVICE** B NOT TO SCALE



(1) 6" ROUND VALVE BOX

- (2) BALL VALVE PER LEGEND
- (3) LATERAL LINE
- ig(4ig) 3" MIN. DEPTH OF 3/4" WASHED GRAVEL
- (5) FINISH GRADE OF DG.

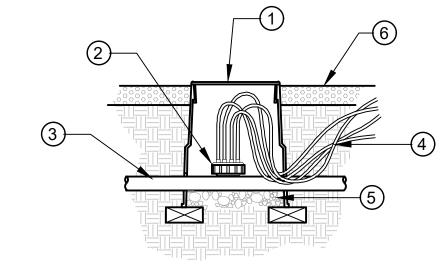




1) SINGLE OUTLET DRIP EMITTER PER LEGEND

- (2) 3/4" POLYETHYLENE LATERAL (3) 1/4" DISTRIBUTION TUBING
- (4) FINISH GRADE

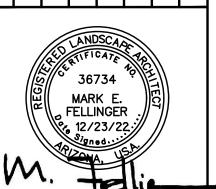




(1) 6" ROUND VALVE BOX

- (2) MULTI-OUTLET DRIP EMITTER PER LEGEND
- (3) 3/4" POLYETHYLENE LATERAL
- (4) 1/4" DISTRIBUTION TUBING
- (5) 3" MIN. DEPTH OF 3/4" WASHED GRAVEL
- (6) FINISH GRADE

**MULTI-OUTLET DRIP EMITTER** 



NOT TO SCALE

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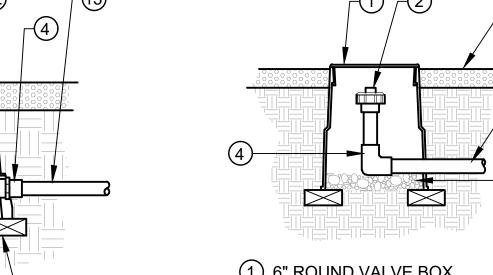
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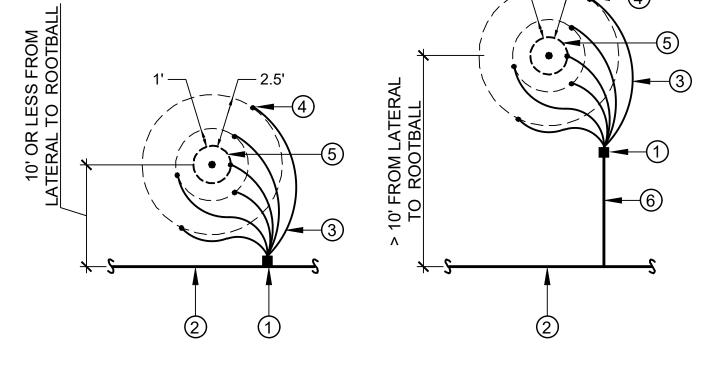


(1) 6" ROUND VALVE BOX

- (2) FLUSH CAP PER LEGEND
- (3) 3/4" POLYETHYLENE LATERAL (4) COMPRESSION FIT ELBOW
- (5) 3" MIN. DEPTH OF 3/4" WASHED GRAVEL
- (6) FINISH GRADE

**END FLUSH CAP** 

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1 MULTI-OUTLET DRIP EMITTER

- ② LATERAL LINE PER LEGEND
- (3) 1/4" DISTRIBUTION TUBING, TYP.
- (4) DISCHARGE POINT, TYP., TO BE 1" ABOVE FINISH GRADE
- (5) TREE ROOTBALL
- (6) INSTALL SUBLATERALS WHERE TREE ROOTBALL IS GREATER THAN 10' FROM LATERAL

**EMITTER PLACEMENT @ TREES** 

NOT TO SCALE

1 QUICK COUPLER VALVE.

- 2 BRASS RISER L.A.R. (SIZE EQUAL TO QCV
- 3 SWING JOINT (2 SCH 80 ST ELLS; 1 SCH 80 T X T ELL; 1 SCH 80 NIPPLE).
- (4) PVC TEE (SST) OR EL (ST) ON PRESS MAIN.
- (5) PVC PRESSURE
- (6) MENGRAVEL SUMP WITHIN BOX.
- (7) 1/2"x36" SCH 40 GALV STEEL PIPE STAKE AND 2 STAINLESS STEEL TIES. (8) FLUSH IN TURF; 2" IN IN SHRUB AREA
- (9) VALVE BOX.
- (10) BRICK OR CONCRETE SUPPORTS (TYP). (11) UNDISTURBED/COMPACTED SUBGRADE.
- (12) CONCRETE FOOTING (12"x12"x12").

1. USE TEFLON TAPE ON ALL THREADED CONNECTIONS.

- 2. SWING JOINT AND SIDE OUTLET OF TEE TO BE SIZED EQUAL TO QCV INLET.
- 3. SUPPLY AND INSTALL R.W. WARNING TAG AS REQ.

**QUICK COUPLER** 

## TRENCHING AND SLEEVING

NOT TO SCALE

8 PAVED SURFACE 9 MAIN LINE SLEEVE 10 LATERAL LINE SLEEVE

<u> 4" MIN. TYP.</u>

(11) CONTROL WIRE SLEEVE

(12) MARKING TAPE

NOTE: EXTEND SLEEVE ENDS 24" BEYOND BACK OF CURB, WALK, OR PAVEMENT EDGE A CONTINUOUS MAGNETIC MARKING TAPE SHALL BE PLACED 12 INCHES BELOW FINISHED GRADE ABOVE THE SLEEVE. AT ROAD CROSSINGS, THE CURB SHALL BE MARKED BY A STAMPED LABEL "I" (IRRIGATION SYSTEM). SLEEVE ENDS SHALL BE COVERED WITH HEAVY DUTY TAPE TO PREVENT SOIL FROM ENTERING SLEEVES UPON BACK FILLING.

REMOTE CONTROL VALVE (DRIP)

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