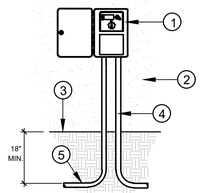
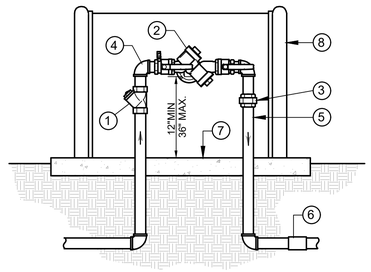



1. AUTOMATIC CONTROLLER PER IRRIGATION LEGEND (WALL MOUNTED).
2. WALL.
3. FINISH GRADE.
4. CONTROL WIRES TO ELECTRIC VALVES IN RIGID CONDUIT.
5. RIGID CONDUIT FOR POWER SUPPLY.

## A IRRIGATION CONTROLLER

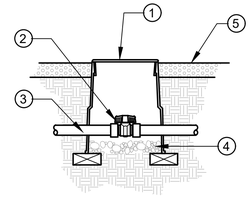
NOT TO SCALE




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.
8. ENCLOSURE PER LEGEND.

## B BACKFLOW PREVENTION DEVICE

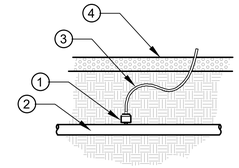
NOT TO SCALE



1. 6" ROUND VALVE BOX
2. BALL VALVE PER LEGEND
3. LATERAL LINE
4. 3" MIN. DEPTH OF 3/4" WASHED GRAVEL
5. FINISH GRADE OF DG.

## C PVC BALL VALVE

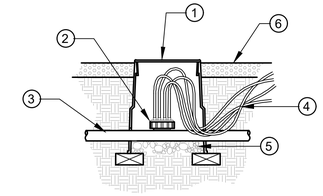
NOT TO SCALE



1. SINGLE OUTLET DRIP EMITTER PER LEGEND
2. 3/4" POLYETHYLENE LATERAL
3. 1/4" DISTRIBUTION TUBING
4. FINISH GRADE

## D SINGLE OUTLET DRIP EMITTER

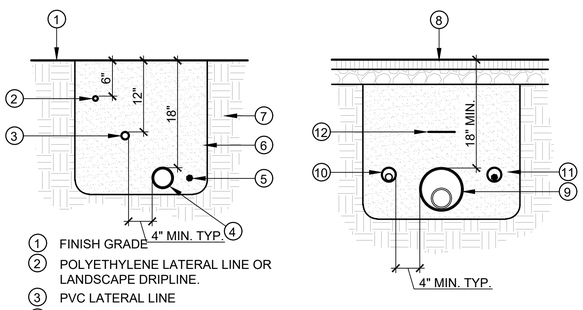
NOT TO SCALE



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

## E MULTI-OUTLET DRIP EMITTER

NOT TO SCALE

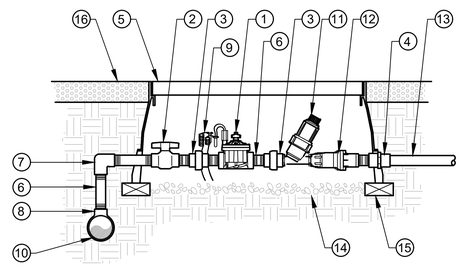



1. FINISH GRADE
2. POLYETHYLENE LATERAL LINE OR LANDSCAPE DRIPLINE.
3. PVC LATERAL LINE
4. PVC MAINLINE
5. DIRECT BURIAL LOW VOLTAGE CONTROL WIRES, BUNDLE AT 10 FT. O.C., BURY AT SAME DEPTH AS MAINLINE
6. CLEAN BACKFILL, SATURATE AND COMPACT TO 90%
7. UNDISTURBED SOIL
8. PAVED SURFACE
9. MAIN LINE SLEEVE
10. LATERAL LINE SLEEVE
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.

## F TRENCHING AND SLEEVING

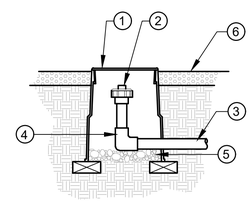
NOT TO SCALE



1. REMOTE CONTROL VALVE PER IRRIGATION LEGEND.
2. 2" GRAY FEMALE THREADED PVC BALL VALVE (SAME SIZE AS RCV)
3. SCH. 80 PVC UNION (THREADED)
4. SCH. 80 PVC FEMALE ADAPTER (FPT x SLIP)
5. VALVE BOX.
6. 2" SCH. 80 PVC NIPPLE, TYP.
7. 2" SCH. 80 PVC ELBOW (THREADED)
8. 2" SCH. 80 PVC TEE (THREADED)
9. 30-INCH LINEAR LENGTH OF WIRE, COILED, WATERPROOF CONNECTIONS
10. PVC MAINLINE PER IRRIGATION LEGEND, SIZE PER PLAN
11. WYE FILTER PER IRRIGATION LEGEND
12. PRESSURE REGULATOR PER IRRIGATION LEGEND
13. PVC LATERAL LINE PER IRRIGATION LEGEND, SIZE PER PLAN
14. 3" MIN. DEPTH OF 3/4" WASHED GRAVEL
15. BRICKS FOR BOX SUPPORT (1 AT EA. CORNER)
16. FINSHED GRADE OF ROCK MULCH

## F REMOTE CONTROL VALVE (DRIP)

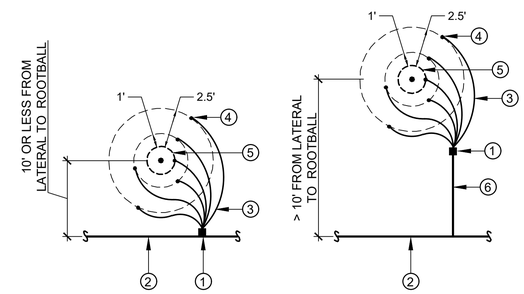
NOT TO SCALE



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

## H END FLUSH CAP

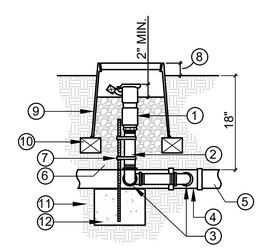
NOT TO SCALE




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

## I EMITTER PLACEMENT @ TREES

NOT TO SCALE




1. QUICK COUPLER VALVE.
2. BRASS RISER L.A.R. (SIZE EQUAL TO QCV INLET).
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 MAIN.
6. FILL GRAVEL 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").

NOTES:
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.

## J QUICK COUPLER

NOT TO SCALE

| NO. | BY | DATE | REVISION | APPR | DATE |
|---|---|---|---|---|---|

REGISTERED LANDSCAPE ARCHITECT CERTIFICATE NO. 36734 MARK E. FELLINGER Date Signed 12/23/22 ARIZONA, U.S.A.

M. Fellinger

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JN 4329

DATE: 9/22 CHECKED BY: DATE:
DATE: 9/22 APPROVED BY: DATE:
DESIGNED BY: MEF
DRAWN BY: MEF

DEVELOPMENT PACKAGE

# I-10 INTERNATIONAL

4150 EAST LOS REALES ROAD, TUCSON, AZ 85756

A PORTION OF THE NORTHWEST QUARTER OF SECTION 22, TOWNSHIP 15 SOUTH, RANGE 14 EAST, GILA & SALT RIVER MERIDIAN, CITY OF TUCSON, PIMA COUNTY, ARIZONA.

LANDSCAPE DETAILS

DP22-0122

**L-03**

SCALE HORIZ : N/A
VERT : N/A

SHEET 60 OF 86

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