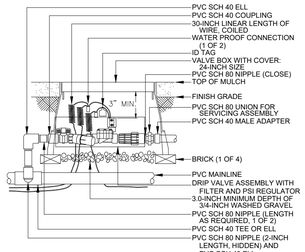
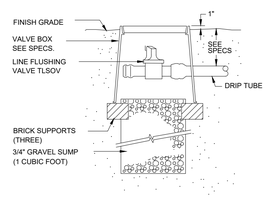
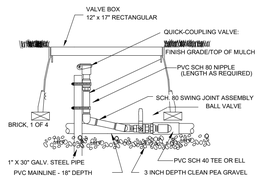


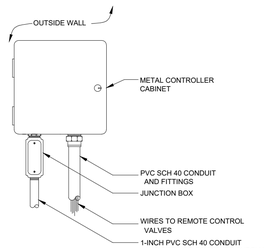
CONTROL ZONE KIT N.T.S.



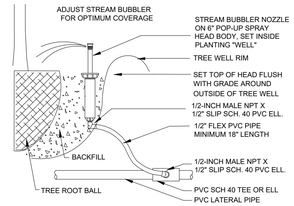
MANUAL LINE FLUSH VALVE N.T.S.



QUICK COUPLER VALVE WITH PVC BALL VALVE N.T.S.

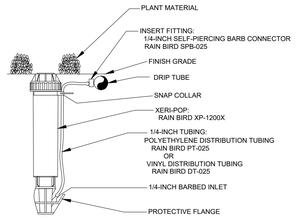


WALL MOUNT CONTROLLER N.T.S.



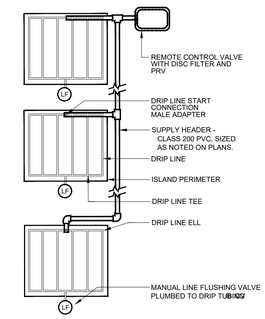
INCLUDE TWO BUBBLER HEADS, SET ON OPPOSITE SIDES OF ROOT BALL

TREE BUBBLER N.T.S.



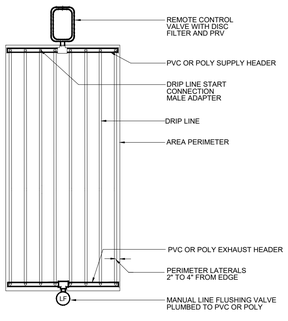
NOTE:
USE XERIMAN TOOL XM-TOOL TO INSERT BARB CONNECTOR DIRECTLY INTO 1/2-INCH POLYETHYLENE TUBING.
LOCATE AT FURTHEST DISTANCE FROM DRIP VALVE ASSEMPLY, ADJACENT TO EDGING OR WITHIN LOW PLANTINGS FOR OPTIMUM VIEWING. WITH CLOSED SPRAY NOZZLE.

DRIP ZONE INDICATOR N.T.S.



USE DRIP TUBE FOR SUPPLY AND EXHAUST HEADERS ON GRIDS WITH FLOW SMALLER THAN 5 GPM ONLY.

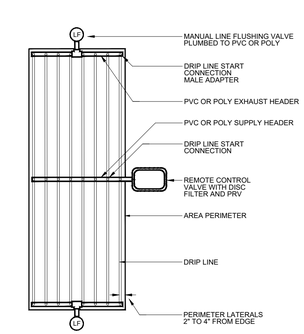
DRIP ISLAND LAYOUT N.T.S.



SUPPLY AND EXHAUST HEADERS SHALL BE CLASS 200 PVC PIPE, OF THE SAME DIAMETER AS THE ZONE VALVE SIZE.

USE DRIP TUBE FOR SUPPLY AND EXHAUST HEADERS ON GRIDS WITH FLOW SMALLER THAN 5 GPM ONLY.

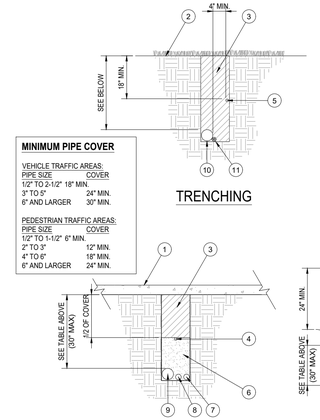
DRIP END FEED LAYOUT N.T.S.



SUPPLY AND EXHAUST HEADERS SHALL BE CLASS 200 PVC PIPE, OF THE SAME DIAMETER AS THE ZONE VALVE SIZE.

USE DRIP TUBE FOR SUPPLY AND EXHAUST HEADERS ON GRIDS WITH FLOW SMALLER THAN 5 GPM ONLY.

DRIP CENTER FEED LAYOUT N.T.S.



MINIMUM PIPE COVER

VEHICLE TRAFFIC AREAS:

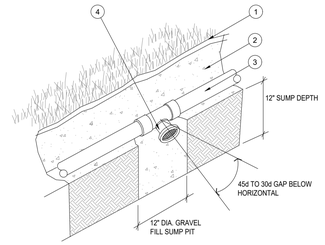
PIPE SIZE	COVER
1/2" TO 2-1/2"	18" MIN.
3" TO 5"	24" MIN.
6" AND LARGER	30" MIN.

PEDESTRIAN TRAFFIC AREAS:

PIPE SIZE	COVER
1/2" TO 1-1/2"	6" MIN.
2" TO 3"	12" MIN.
4" TO 6"	18" MIN.
6" AND LARGER	24" MIN.

1. PAVEMENT SURFACE
2. FINISH GRADE
3. TRENCH BACKFILL
4. LOCATOR WIRE W/BURIED CAUTION TAPE
5. PVC IRRIGATION LATERAL
6. SAND BACKFILL
7. SCH. 40 PVC LATERAL SLEEVE - SEE PLANS FOR SIZE
8. SCH. 40 PVC WIRE SLEEVE FOR CONTROL WIRES, MIN. 2" DIA.
9. SCH. 40 PVC MAINLINE SLEEVE - SEE PLANS FOR SIZE
10. PVC IRRIGATION MAINLINE
11. CONTROL WIRES - TAPE TO MAINLINE AT 10' INTERVALS
12. PVC CAP, SOLVENT WELDED

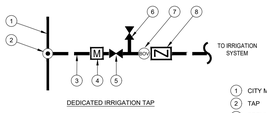
PIPE AND SLEEVE INSTALLATION



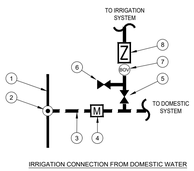
NOTE:
AUTOMATIC VALVES ARE TO BE LOCATED AT LOW POINTS OF LATERAL LINES. LOCATE END DRAIN VALVE 12" UPSTREAM FROM LAST HEAD.

1. FINISH GRADE
2. PIPE TRENCH
3. LATERAL LINE PIPE
4. AUTOMATIC DRAIN VALVE

AUTOMATIC DRAIN VALVE N.T.S.



DEDICATED IRRIGATION TAP



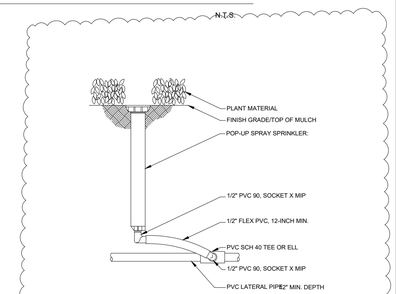
IRRIGATION CONNECTION FROM DOMESTIC WATER

1. CITY MAINLINE
2. TAP
3. SERVICE LINE
4. WATER METER
5. ISOLATION VALVE (PER PLAN)
6. MANUAL DRAIN VALVE (BALL VALVE)
7. BLOW OFF VALVE (BOV)
8. BACKFLOW DEVICE (WHERE SHOWN)

WINTERIZATION PROCEDURE:
1. TURN OFF EITHER THE METER AND ISOLATION VALVE (DEDICATED IRRIGATION METER) OR ISOLATION VALVE (DOMESTIC TAP).
2. OPEN ONE CONTROL VALVE TO RELIEVE PRESSURE
3. SLOWLY OPEN MANUAL DRAIN VALVE.
4. REPEAT PROCEDURE FOR ALL MANUAL DRAIN VALVES ALONG IRRIGATION MAINLINE.
5. CLOSE MANUAL DRAIN VALVES AND BLOW OUT REMAINING WATER FROM THE BLOWOUT VALVE. SLOWLY INCREASE AIR PRESSURE. NOT TO EXCEED 80 PSI. DO NOT BLOWOUT SYSTEM FROM BACKFLOW. BLOWOUT SYSTEM TWICE BUT NOT TO EXCEED AT MORE THAN 2 MIN. INTERVALS.

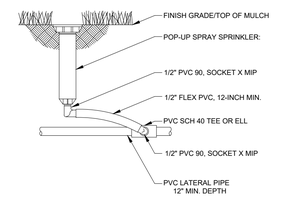
WATER TAP DIAGRAM N.T.S.

N.T.S.

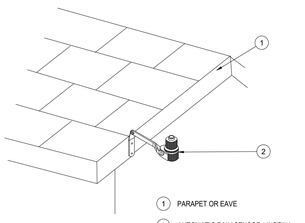


HIGH POP-UP SPRAY HEAD N.T.S.

1

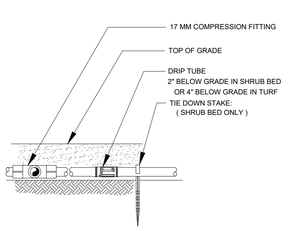


POP-UP SPRAY HEAD N.T.S.



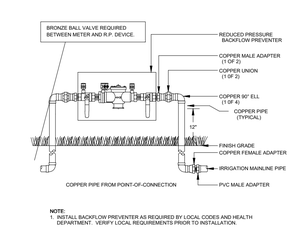
1. PARAPET OR EAVE
2. AUTOMATIC RAIN SENSOR - INSTALL PER MANUFACTURER'S INSTRUCTIONS

RAIN SENSOR, ROOF MOUNT N.T.S.



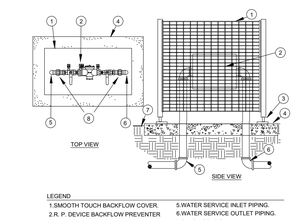
REMOTE CONTROL VALVE N.T.S.

DRIP TUBE N.T.S.



NOTE:
1. INSTALL BACKFLOW PREVENTER AS REQUIRED BY LOCAL CODES AND HEALTH DEPARTMENT. VERIFY LOCAL REQUIREMENTS PRIOR TO INSTALLATION.

RP DEVICE N.T.S.



LEGEND

1.SMOOTH TOUCH BACKFLOW COVER.	5.WATER SERVICE INLET PIPING.
2.R. P. DEVICE BACKFLOW PREVENTER	6.WATER SERVICE OUTLET PIPING.
3.ANCHOR ROD (TYPICAL).	7.FINISH GRADE.
4.POURED CONCRETE BASE - 4" MIN. THICKNESS - EXTEND 4" BEYOND OUTSIDE DIMENSIONS OF ENCLOSURE.	8. BRONZE UNIONS

RP DEVICE WITH ENCLOSURE N.T.S.

National Presence. Local Expertise.
EVERGREEN DESIGN GROUP
800.680.6630
www.evergreendesigngroup.com
FL LA 6666711

07/16/2025

IRRIGATION DETAILS

COMMERCIAL TENANT IMPROVEMENT PLANS
Office Warehouse
115 NW 16TH ST.
Pompano Beach, FL - 33060

Digitally signed by Jennifer N Miller
Reason: LA6667079, State of Florida
Date: 2025.07.16 06:54:07 -04'00'

	Date	Comment
1	07/16/25	DRC COMMENTS

Project Number	
Date	07/16/2025
Drawn By	RNK
Checked By	MNB

LI-2

P&Z
PZ25-12000014
10/22/2025