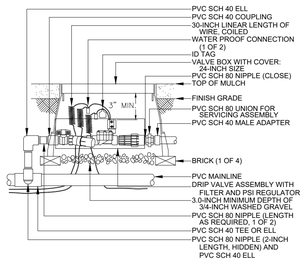
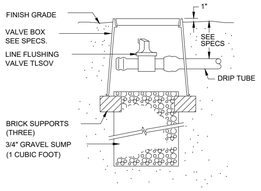
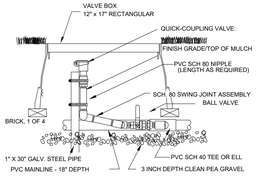


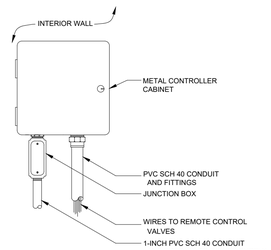
CONTROL ZONE KIT N.T.S.



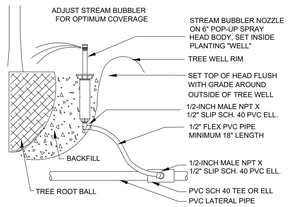
MANUAL LINE FLUSH VALVE N.T.S.



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

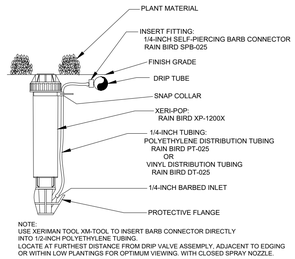


WALL MOUNT CONTROLLER N.T.S.



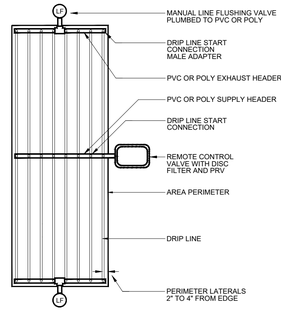
INCLUDE TWO BUBBLER HEADS, SET ON OPPOSITE SIDES OF ROOT BALL

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.

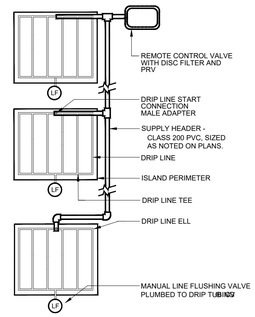
DRIP ZONE INDICATOR N.T.S.



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

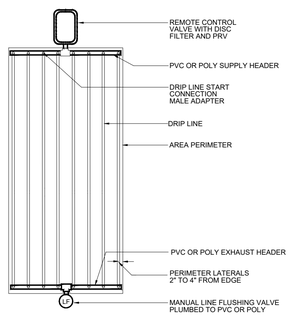
USE DRIP TUBE FOR SUPPLY AND EXHAUST HEADERS ON GRIDS WITH FLOW SMALLER THAN 5 GPM ONLY.

DRIP CENTER FEED LAYOUT N.T.S.



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

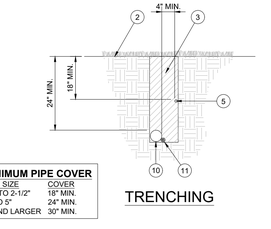
DRIP ISLAND LAYOUT N.T.S.



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.

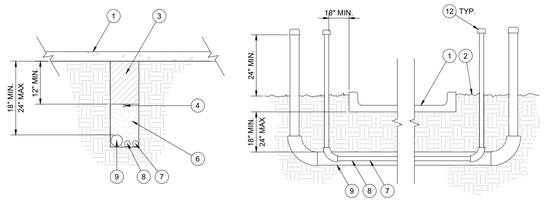
DRIP END FEED LAYOUT N.T.S.



MINIMUM PIPE COVER

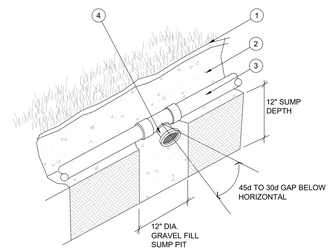
PIPE SIZE	COVER
1/2" TO 2-1/2"	18" MIN.
3" TO 5"	24" MIN.
6" AND LARGER	30" MIN.

TRENCHING



SLEEVING

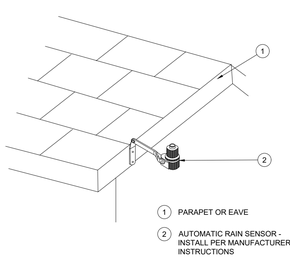
PIPE AND SLEEVE INSTALLATION N.T.S.



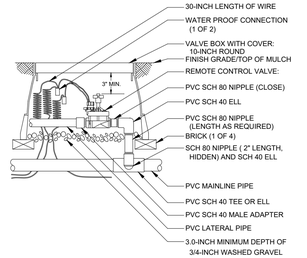
NOTE:
AUTOMATIC VALVES ARE TO BE LOCATED AT LOW POINTS OF LATERAL LINES. LOCATE END DRAIN VALVE 12" UPSTREAM FROM LAST HEAD.

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

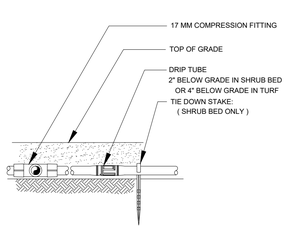
AUTOMATIC DRAIN VALVE N.T.S.



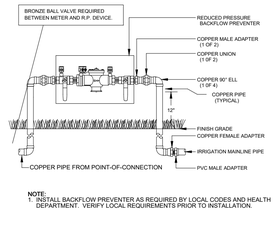
RAIN SENSOR, ROOF MOUNT N.T.S.



REMOTE CONTROL VALVE N.T.S.

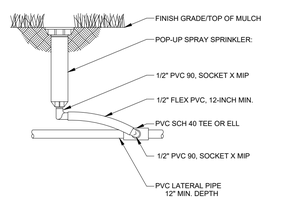


DRIP TUBE N.T.S.

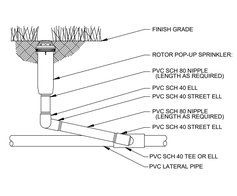


NOTE:
1. INSTALL BACKFLOW PREVENTER AS REQUIRED BY LOCAL CODES AND HEALTH DEPARTMENT. VERIFY LOCAL REQUIREMENTS PRIOR TO INSTALLATION.

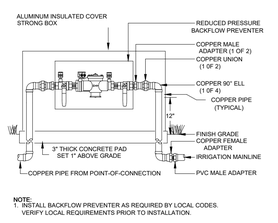
RP DEVICE N.T.S.



POP-UP SPRAY HEAD N.T.S.

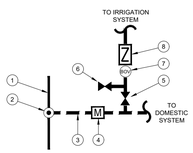


ROTOR POP-UP SPRINKLER N.T.S.



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

RP DEVICE WITH INSULATED COVER N.T.S.



IRRIGATION CONNECTION FROM DOMESTIC WATER

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.

2200 CABOT DRIVE
SUITE 325
LISLE, IL 60532
P: 630.596.0007
WWW.CAGECIVIL.COM

CAGE CIVIL ENGINEERING

LICENSED LANDSCAPE ARCHITECT
ERIC M. SHEPLEY
157-001581
STATE OF ILLINOIS
07/02/2024

REVISIONS
1 05/16/2024 CITY COMMENT RESPONSE
2 07/02/2024 CITY COMMENT RESPONSE

PORTILLO'S HOT DOGS
PORTILLO'S - ORLAND PARK
20 ORLAND SQUARE DR.
ORLAND PARK, IL 60462

PROJ NO: 230210
ENG : EMS
DATE : 02/02/2024

SHEET TITLE
IRRIGATION DETAILS

SHEET NUMBER
LI-2
OF TNS

EVERGREEN DESIGN GROUP
(800) 680-6630
4625 Lindell Blvd., Ste 200
St Louis, MO 63101
www.EvergreenDesignGroup.com