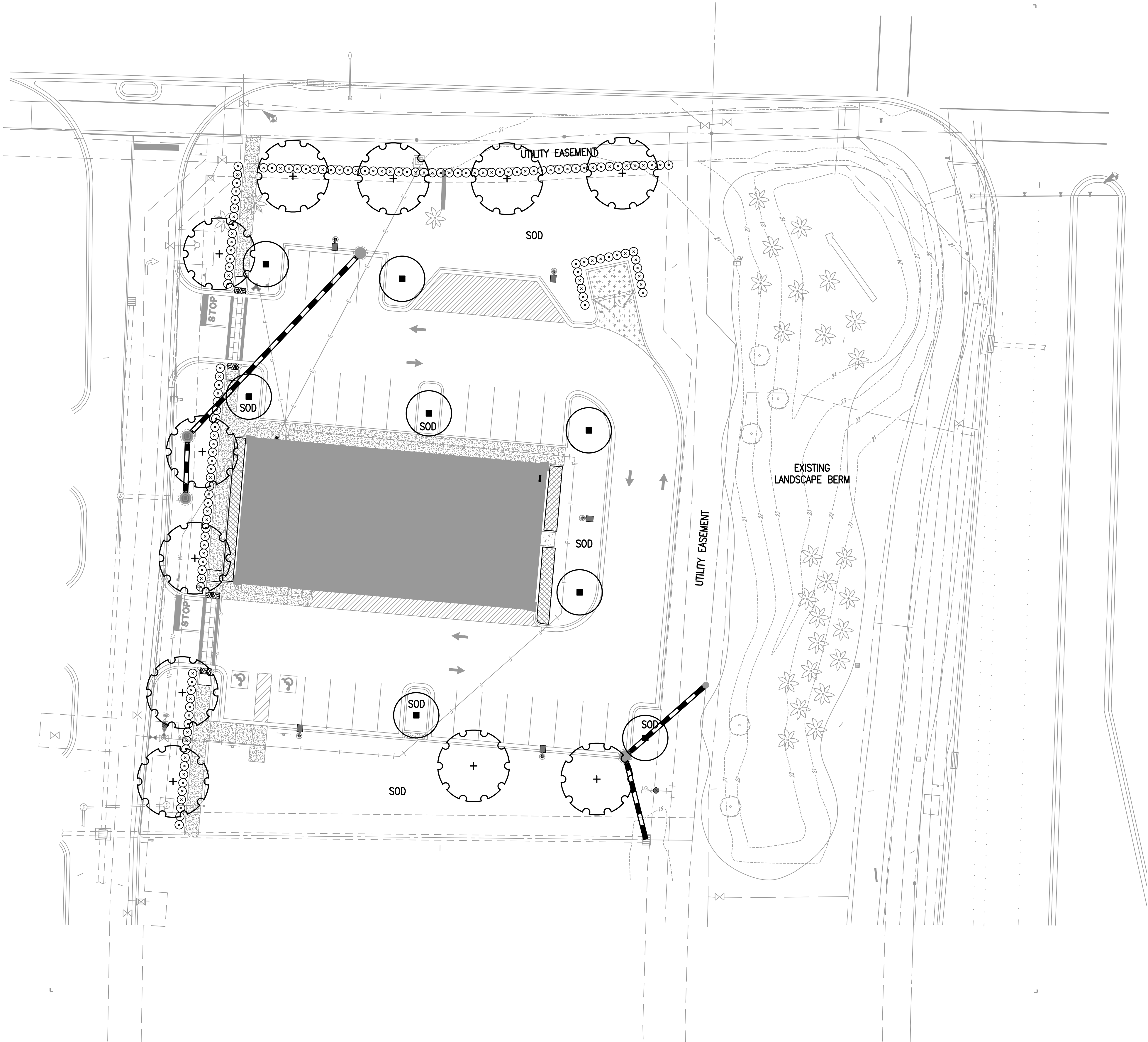


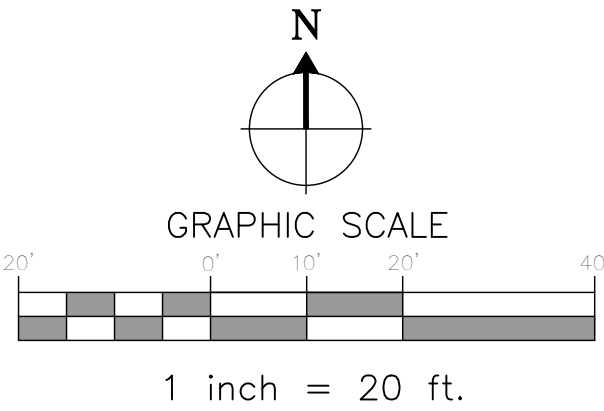
IF LESS THAN 24"x36" SHEET HAS BEEN REDUCED.
ADJUST THE SCALE TO THE DRAWING ACCORDINGLY.



Plant List – Mavis Loxahatchee				
CNT	SYM	BOTANICAL	COMMON	SPECIFICATIONS
Trees				
8	MGD	Magnolia grandiflora	DD Blanchard Magnolia	10' ht., 4" spr., 3" cal.
11	QV	Quercus virginiana	Live Oak	10' ht., 4" spr., 3" cal.
Shrubs & Groundcover				
128	VS	Viburnum suspensum	Sandankwa Viburnum	3 gal., 24–30" ht. x 14" spr., 36" o.c.
46	MC	Muhlenbergia capillaris	Muhly Grass	1 gal., 36" o.c.
Sod & Mulch				
	MULCH		Mini Pine Bark	3" Depth
	SOD	Paspalum notatum	Bahia Sod	solid sod, weed free, count by contractor

PLANT SYMBOLS	
	MAGNOLIA
	LIVE OAK
	VIBURNUM
	MUHLY GRASS

- NOTES:**
- 1) Irrigation system to be a permanent system.
 - 2) The irrigation plan shall be designed and installed to conform to this Code.
 - 3) All plant material shall be FL. Grade #1 and "Florida Friendly".



Digitally signed by
Robert R Buchanan
Date: 2025.07.28
11:14:47 -04'00'

LANDSCAPE ARCHITECT:
Robert R. Buchanan LA0000932

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**CONTRACTOR MUST REVIEW
ALL GENERAL LANDSCAPE
NOTES PRIOR TO BIDDING AND
CONSTRUCTION**

Bohler Engineering FL, LLC
600 North Westshore Blvd., Suite 950
Tampa, FL 33609

LANDSCAPE ARCHITECTS AND PLANNERS, LLC

P.O. BOX 2852 - Winter Park, Florida 32790-2852 - Phone 407-579-8111 - Email randy@landscape-dynamics.com

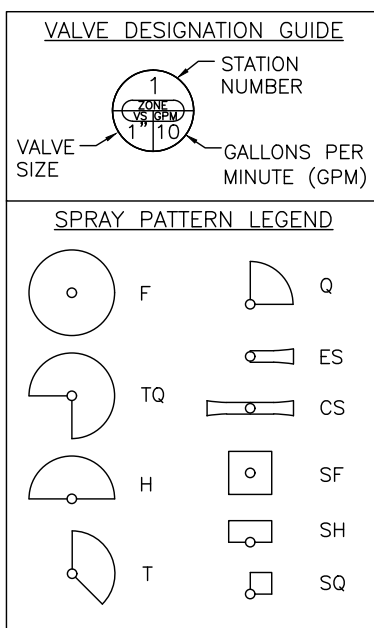
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JOB #: 2025-016

PERMIT #
DRAWN BY: BRB
FILE NAME: LANDSCAPE

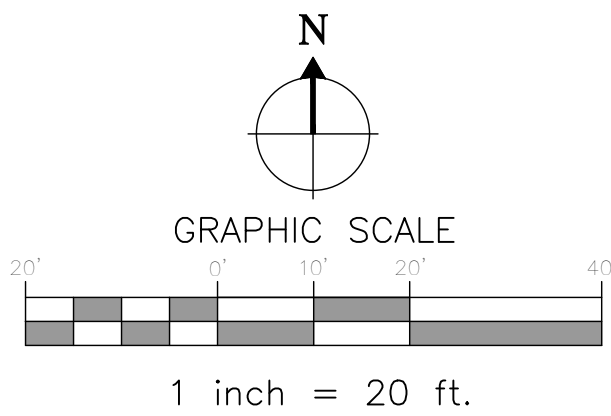
SCALE: 1" = 20'

L100

The site plan illustrates a proposed development layout. A large rectangular building is the central feature, surrounded by parking spaces and landscaped areas. Three numbered zones are identified: Zone 1 (top left), Zone 2 (middle left), and Zone 3 (bottom left). The plan includes various symbols for trees, walls, and roads. A dashed line outlines the property boundary, and a solid line indicates the building footprint. The plan also shows a road with a 'STOP' sign and a 'M' symbol.



- 1) REFER TO THE LANDSCAPE PLANS WHEN TRENCING TO AVOID TREES AND SHRUBS. HAND DIG AROUND ANY EXISTING TREES. DO NOT CUT ANY ROOTS OVER 2" IN DIAMETER.
- 2) ANY EXISTING TREE SHALL BE BURIED TO A MINIMUM DEPTH OF 18" OF COVER. ALL LATERAL PIPING SHALL BE BURIED TO A MINIMUM DEPTH OF 12" OF COVER.
- 3) ALL TUBES AND SPRAYS SHALL BE INSTALLED USING A PVC SINKING MACHINE. DO NOT USE POLYETHYLENE PIPE.
- 4) ALL VALVES SHALL BE INSTALLED WITH 1/2" NPT. END CONNECTIONS & BLDG. WALLS, THROTTLE ALL VALVES ON SHRUB LINES AS REQUIRED TO PREVENT FLOODING. USE ADJUSTABLE NOZZLES WHERE REQUIRED TO PREVENT FLOODING.
- 5) ALL CONTROL WIRE SPIRALS SHALL BE MADE IN VALVE BOXES USING KING TON STEP CONNECTORS AND SEALANT WITH WIRE NUTS.
- 6) ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE SHOWING. ALL IRRIGATION INSTALLATION, THE CONTRACTOR SHALL NEATLY MARK IN THE GROUND WITH 1/2" GALVANIZED IRON RODS. THE CONTRACTOR SHALL INSTALL AN INSTALLATION THAT DEVIATES FROM THE PLAN, THE AS-BUILT DRAWING SHALL ALSO LOCATE ALL MAINLINE AND VALVES BY SHOWING EXACT LOCATION OF EACH VALVE AND MAINLINE. THE CONTRACTOR SHALL MARK ON THE PLAN EVEN WHEN THE EQUIPMENT IS INSTALLED IN THE FIELD.
- 7) ALL VALVES, GATE VALVES AND QUICK COUPLERS SHALL BE INSTALLED IN VALVE BOXES. THE VALVE BOXES SHALL BE PURPLE WHEN USING RED PIPING AND WHITE WHEN USING WHITE PIPING.
- 8) ANY PIPING SHOWN OUTSIDE THE PROPERTY LINE OR RUNNING OUTSIDE ANY LANDSCAPE AREA IS SHOWN FOR CLARITY ONLY. ALL PIPING SHALL BE INSTALLED WITHIN THE PROPERTY LINE OR INSIDE LANDSCAPE AREAS OR INSIDE A C&D SLOPE.
- 9) ANY PIPING SHOWN INSIDE A C&D SLOPE IS SHOWN IN A C&D SLOPE. A SHRUB BED SHALL BE DETERMINED BY THE OWNER'S REPRESENTATIVE IN THE FIELD.
- 10) THE CONTRACTOR SHALL EXERCISE CARE SO AS NOT TO DAMAGE ANY EXISTING UTILITIES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMMEDIATE REPAIRS AND COST OF ANY DAMAGE CAUSED BY THEIR WORK.
- 11) ALL WORK SHALL BE GUARANTEED FOR ONE YEAR FROM THE DATE OF COMPLETION OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR WORKSMANSHIP. (OR AS OUTLINED IN THE WRITTEN SPECIFICATIONS)
- 12) ELECTRICAL, SERVICE TO LOCATION OF THE CONTROLLER, WELL OR PUMP, SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR AT THE EQUIPMENT LOCATION BY THE ELECTRICAL CONTRACTOR OR BY OWNER.
- 13) IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SCALE THE PLAN AND CHECK NOZZLE TYPES TO DETERMINE THE CORRECT SPACING. CHANGES TO THE PLAN SHALL BE MADE BY THE CONTRACTOR. HEADS FURTHER APART OR USE LESS HEADS THAN SHOWN ON THE PLAN WILL BE THE CONTRACTOR'S RESPONSIBILITY. WITHOUT THE CONTRACTOR'S CONSENT, THE ARCHITECT OR OWNER SHALL NOT BE THE IRRIGATION CONTRACTOR RESPONSIBLE FOR LOCATION OF THE PLANTS AND THE IRRIGATION SYSTEM.
- 14) IRRIGATION SYSTEM DESIGN REQUIREMENTS: 60 GPM @ A MINIMUM OF 60 PSI AT EACH POINT OF CONNECTION; THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE IRRIGATION SYSTEM.
- 15) THE CONTRACTOR SHALL CALL 1-800-432-4323 (SUNSHINE STATE ONE CALL CENTER)



Irrigation Plan
Mavis Loxahatchee
Loxahatchee Groves, Florida
D-2852 - Phone: 407-579-8811 - Email: randy@landscapedyn.com

Bohler Engineering FL, LLC
600 North Westshore Blvd., Suite 950
Tampa, FL 33609

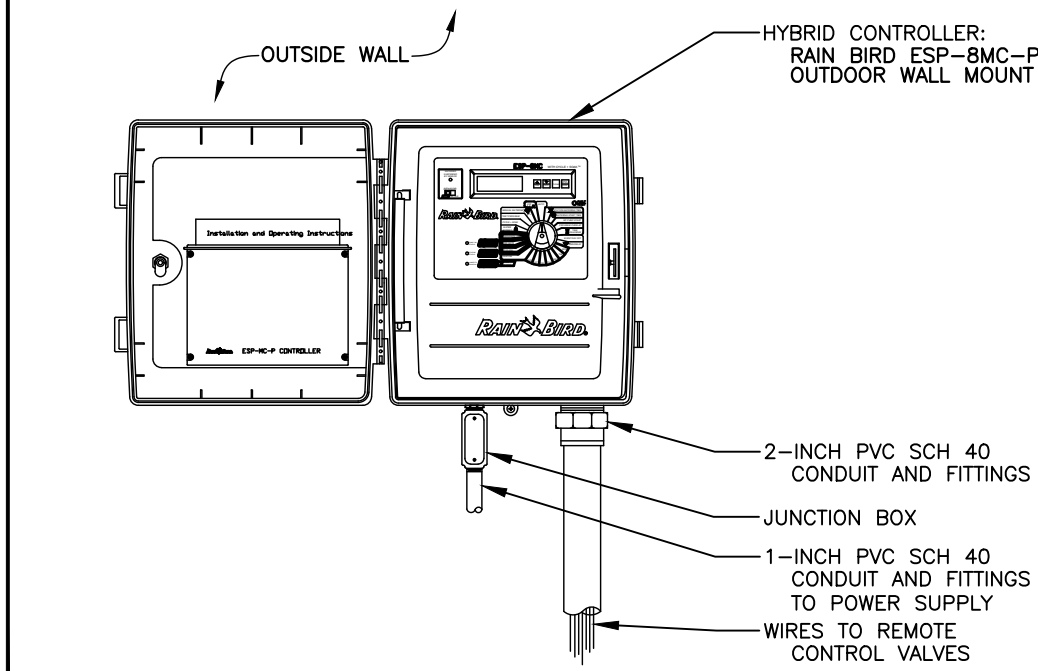
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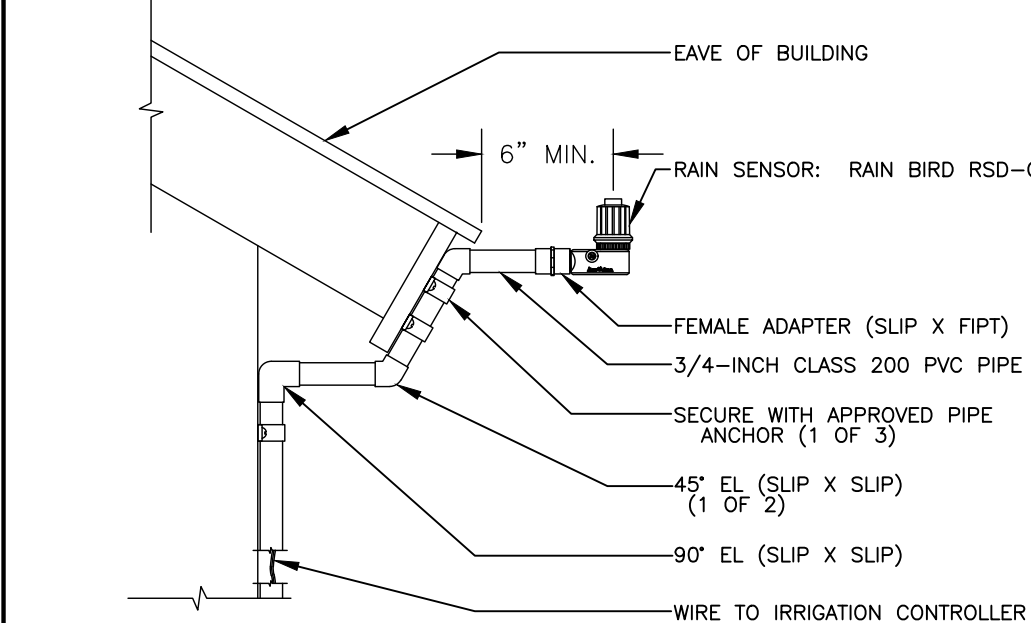
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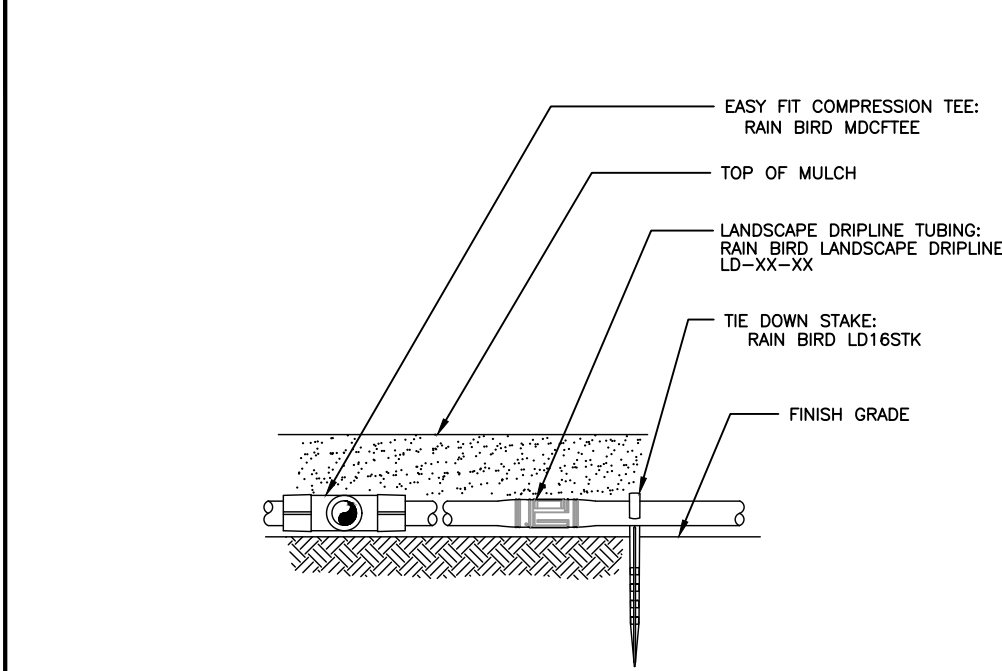
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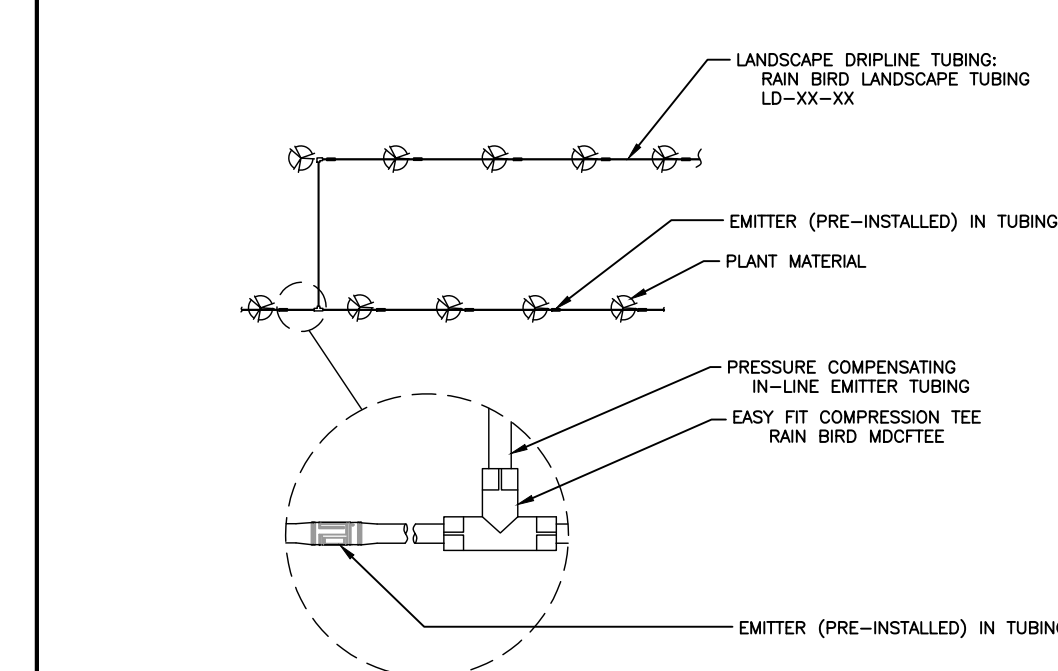
1 FOUR PROGRAM HYBRID CONTROLLER
ESP-MC PLASTIC WALL-MOUNT N.T.S.



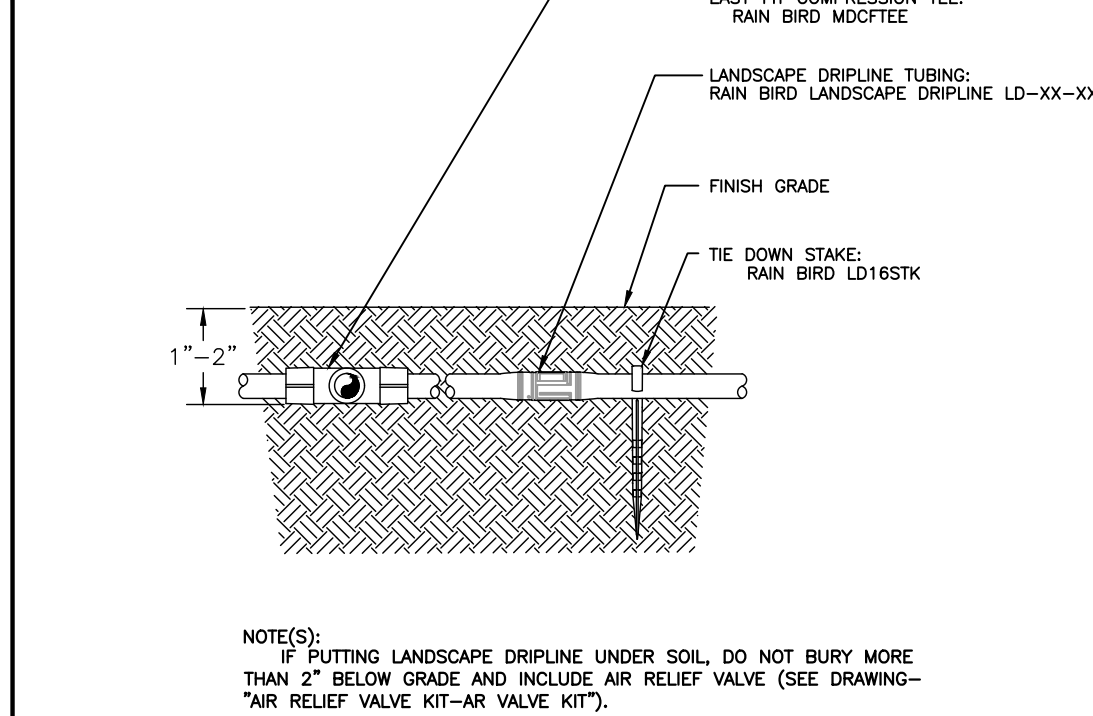
2 RAIN SENSOR
RSD-CEx ROOF CONDUIT N.T.S.



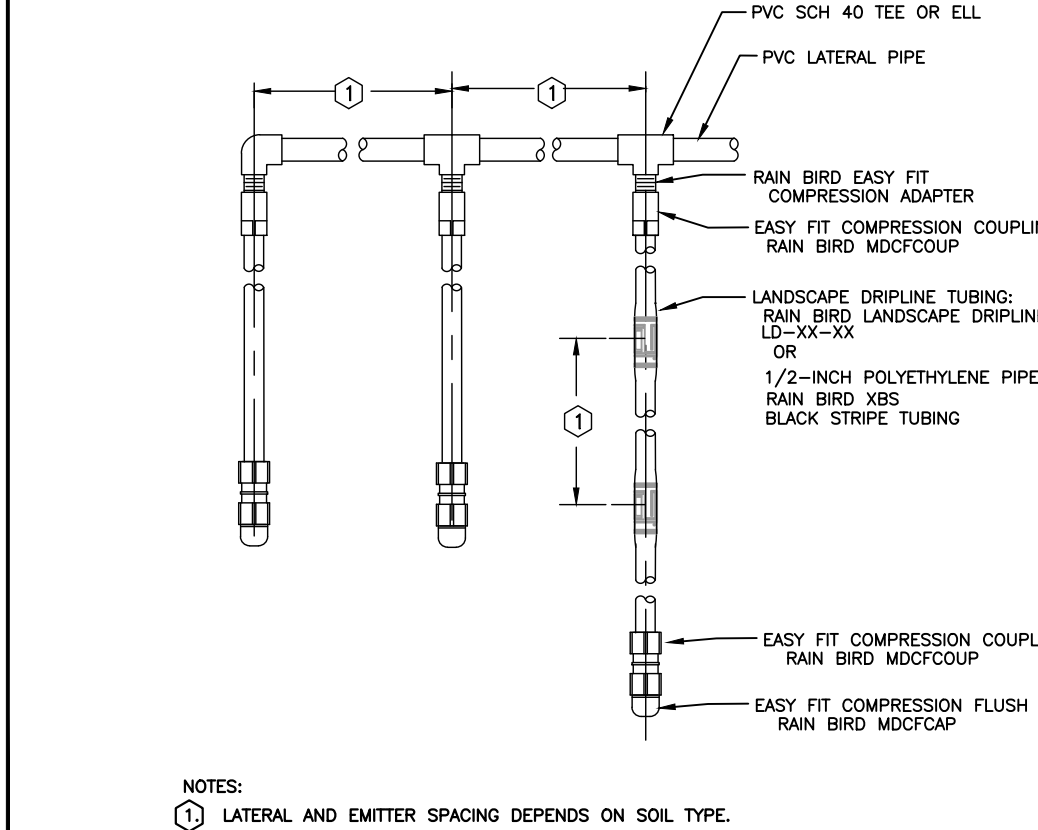
3 LANDSCAPE DRIPLINE ON GRADE
NON-POTABLE SYSTEM N.T.S.



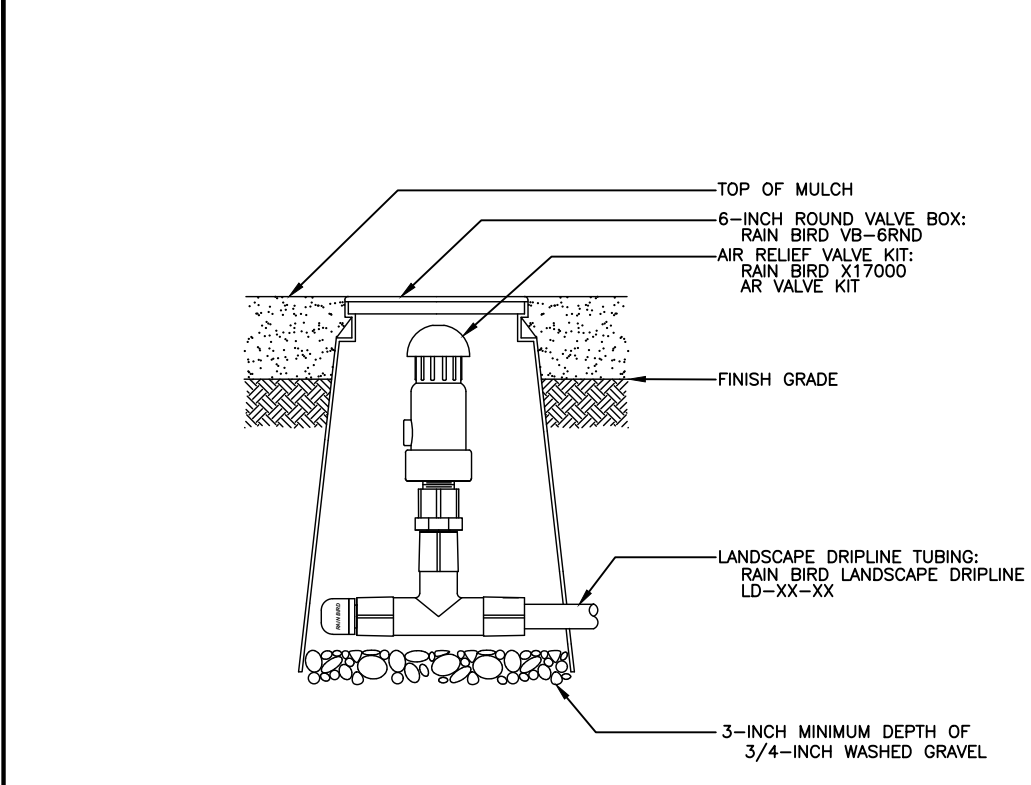
4 LANDSCAPE DRIPLINE CONNECTIONS
NON-POTABLE SYSTEM N.T.S.



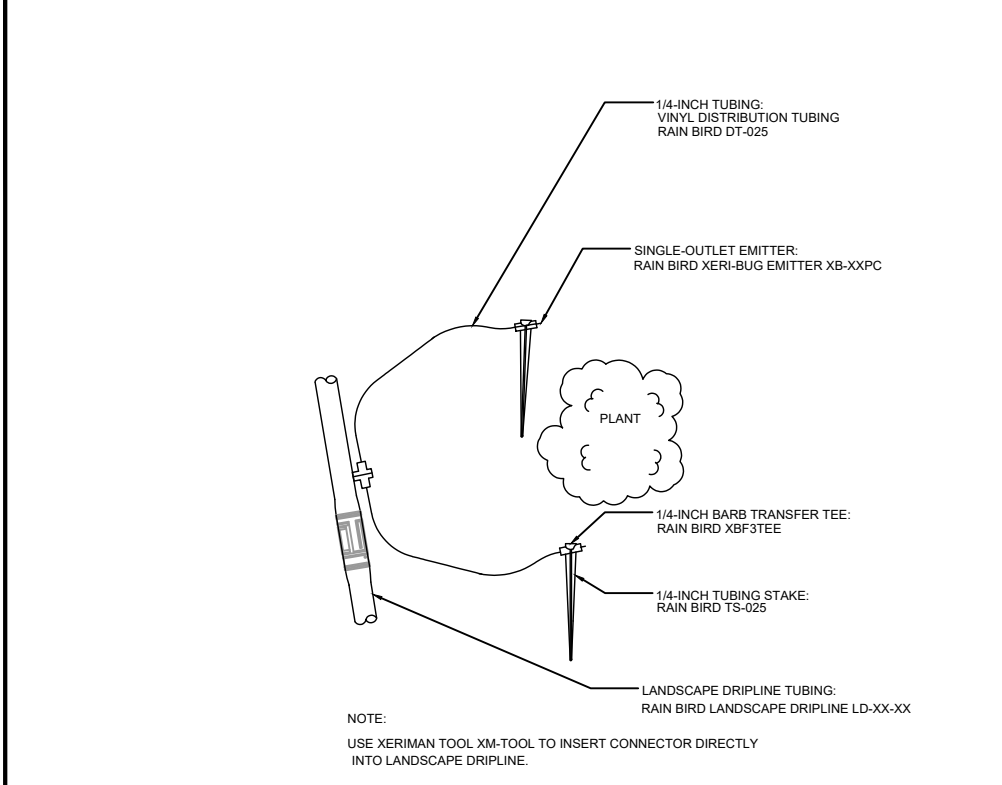
5 LANDSCAPE DRIPLINE 2" BELOW GRADE
WITH EASY FIT TEE - POTABLE SYSTEM N.T.S.



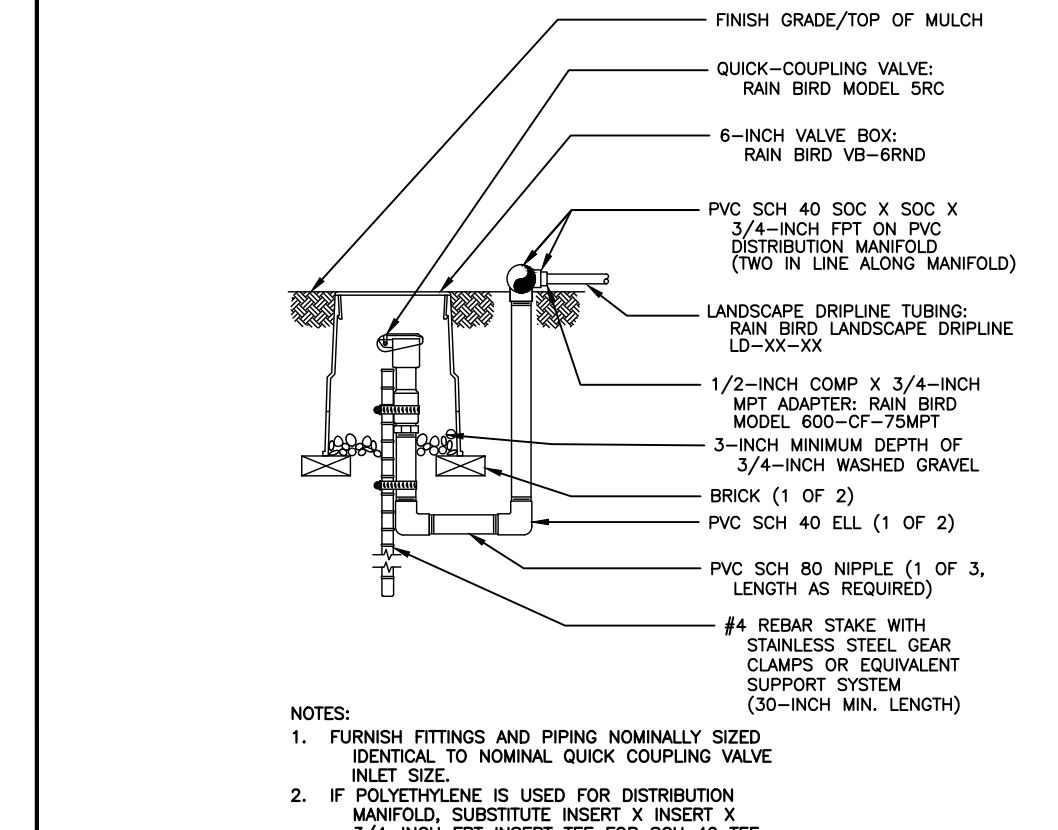
6 LANDSCAPE DRIPLINE LATERALS
NON-POTABLE SYSTEM N.T.S.



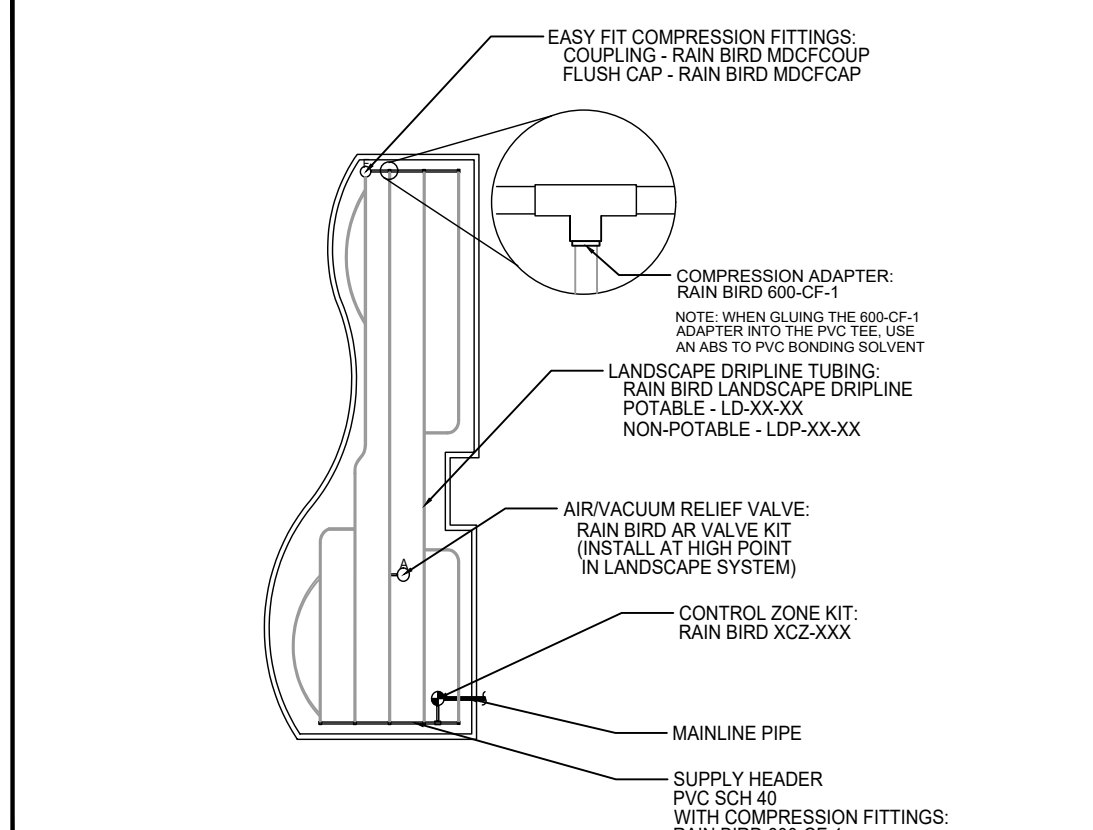
7 AIR RELIEF VALVE IN KIT
N.T.S.



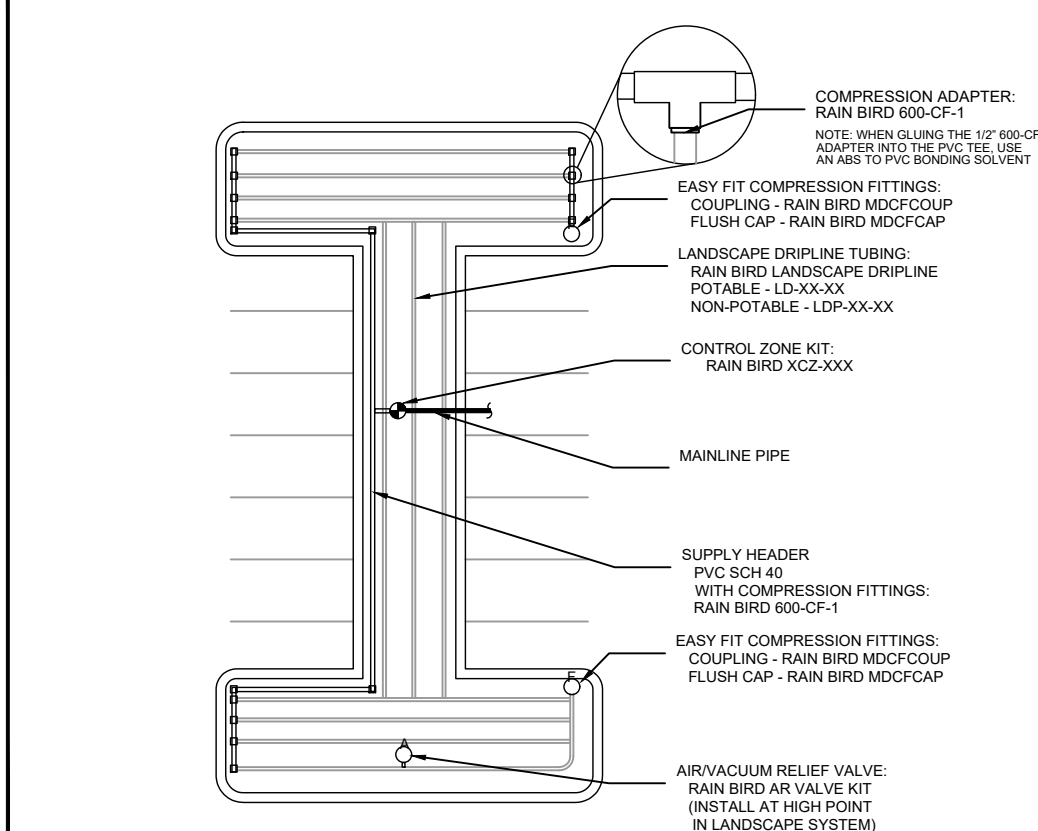
8 LANDSCAPE DRIPLINE
WITH SUPPLEMENTAL EMITTERS N.T.S.



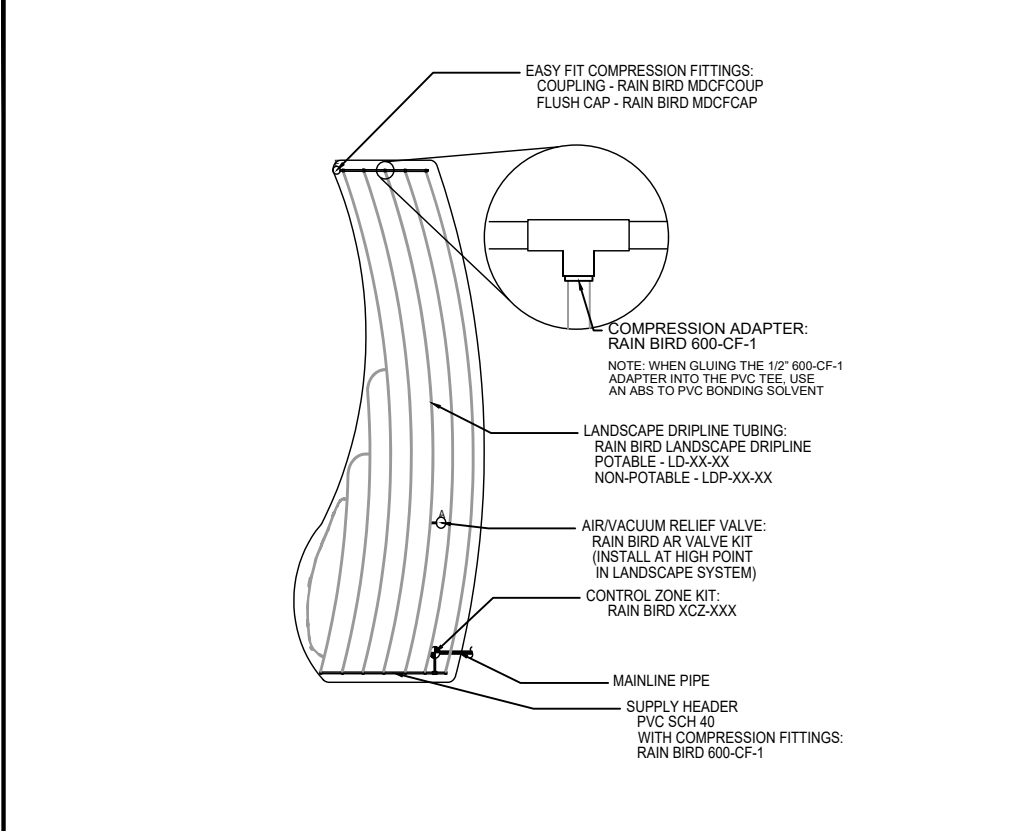
9 LANDSCAPE DRIPLINE FLUSH POINT
NON-POTABLE SYSTEM N.T.S.



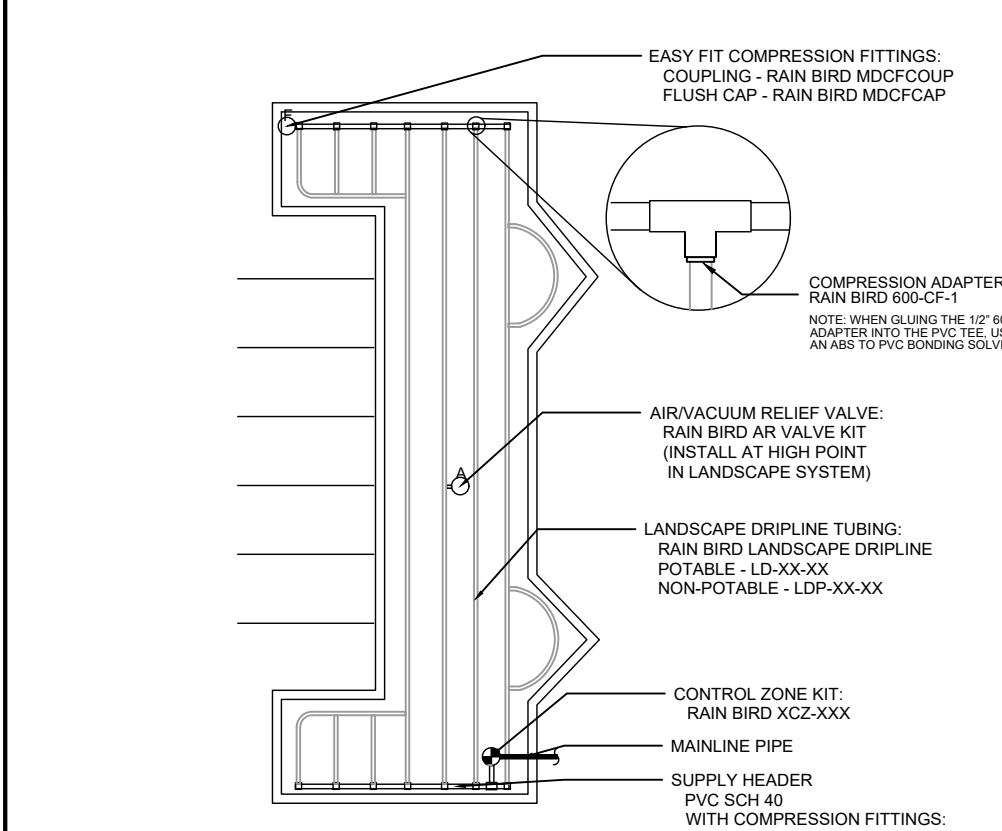
10 LANDSCAPE PLANTER - ODD SHAPED
N.T.S.



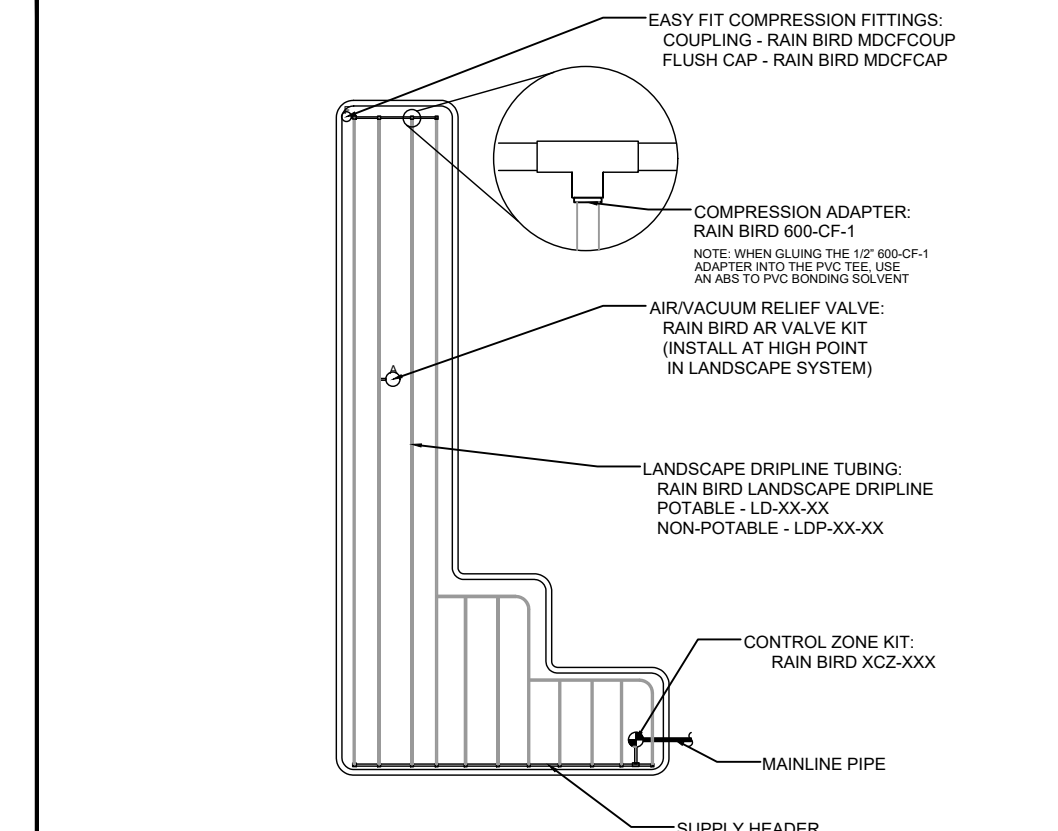
11 PARKING LOT - DOGBONE SHAPED
N.T.S.



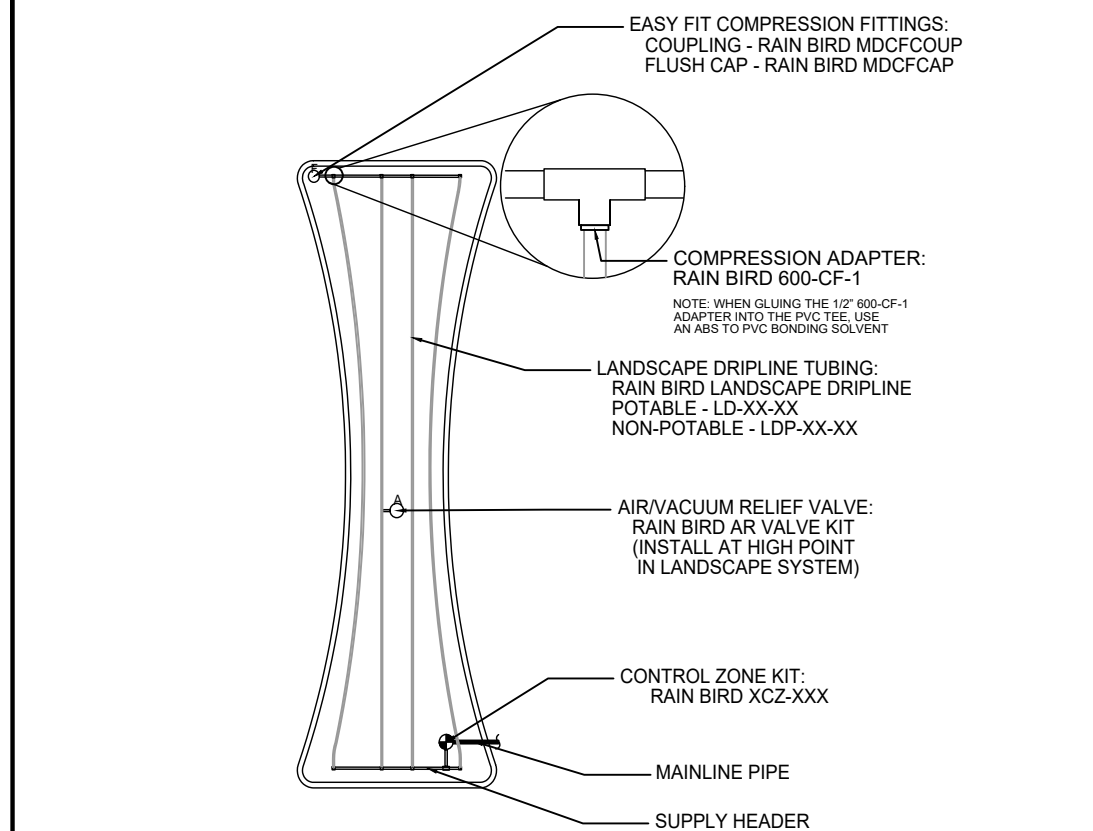
12 LANDSCAPE PLANTER - CURVED POLYGON SHAPED
N.T.S.



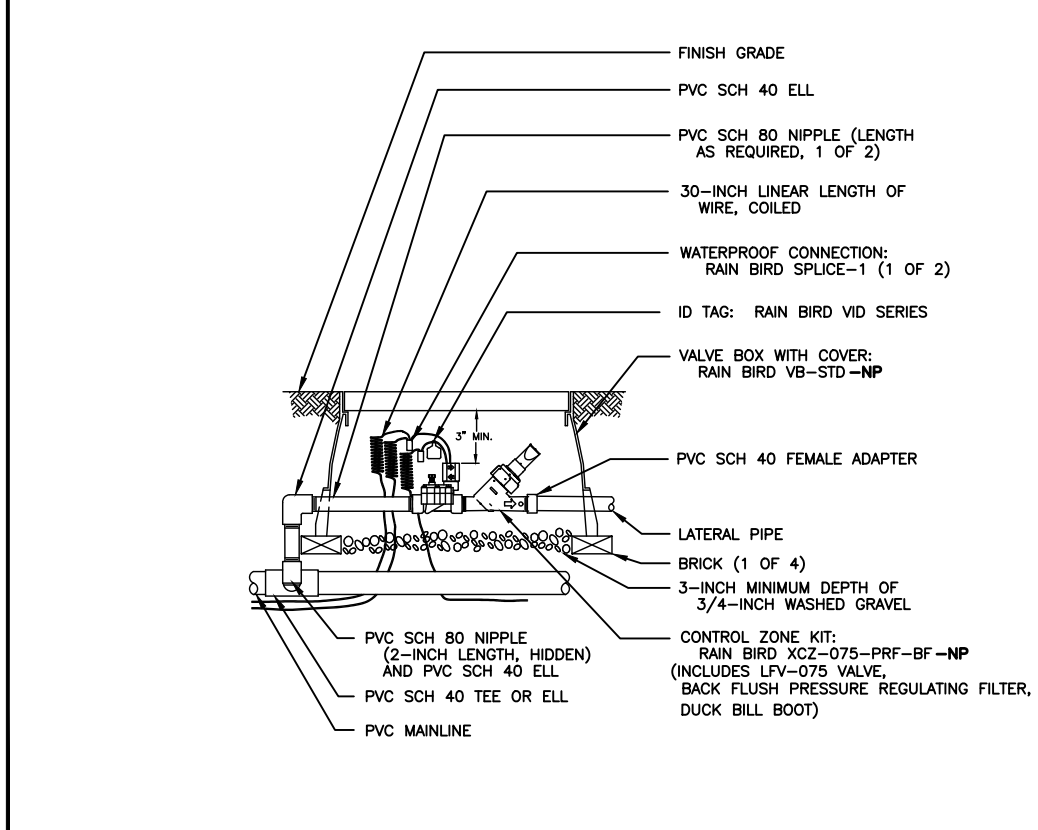
13 PARKING LOT - C SHAPED
N.T.S.



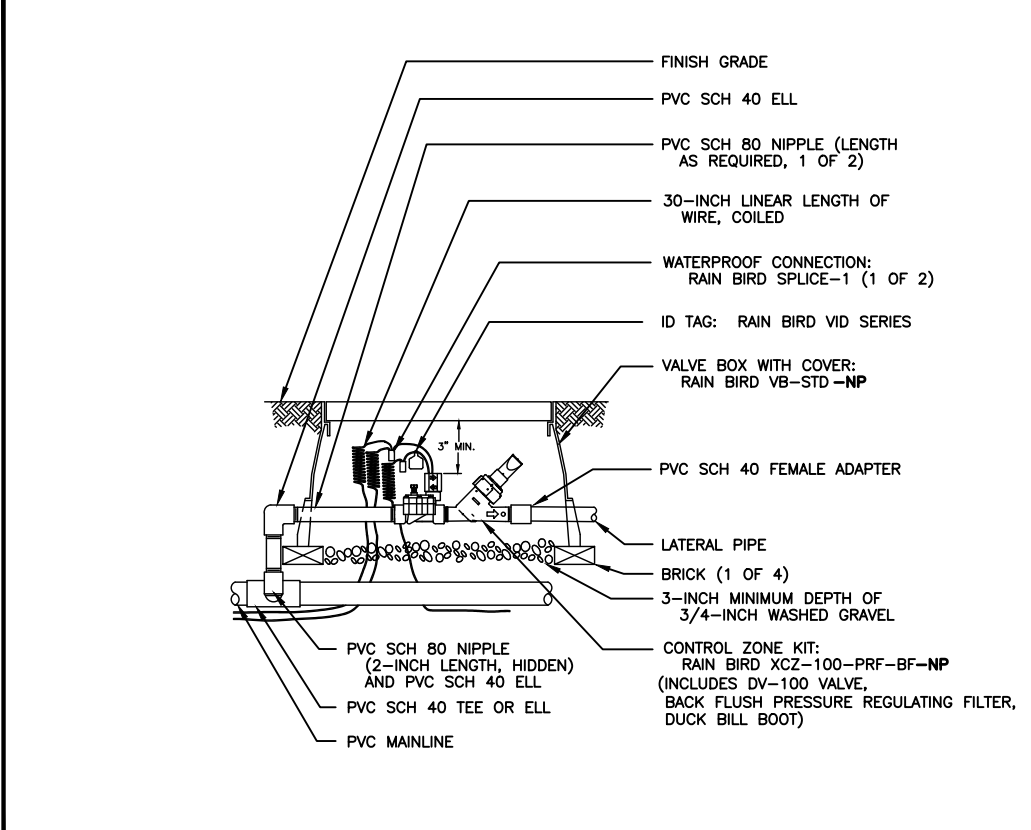
14 LANDSCAPE PLANTER - CORNER SHAPED
N.T.S.



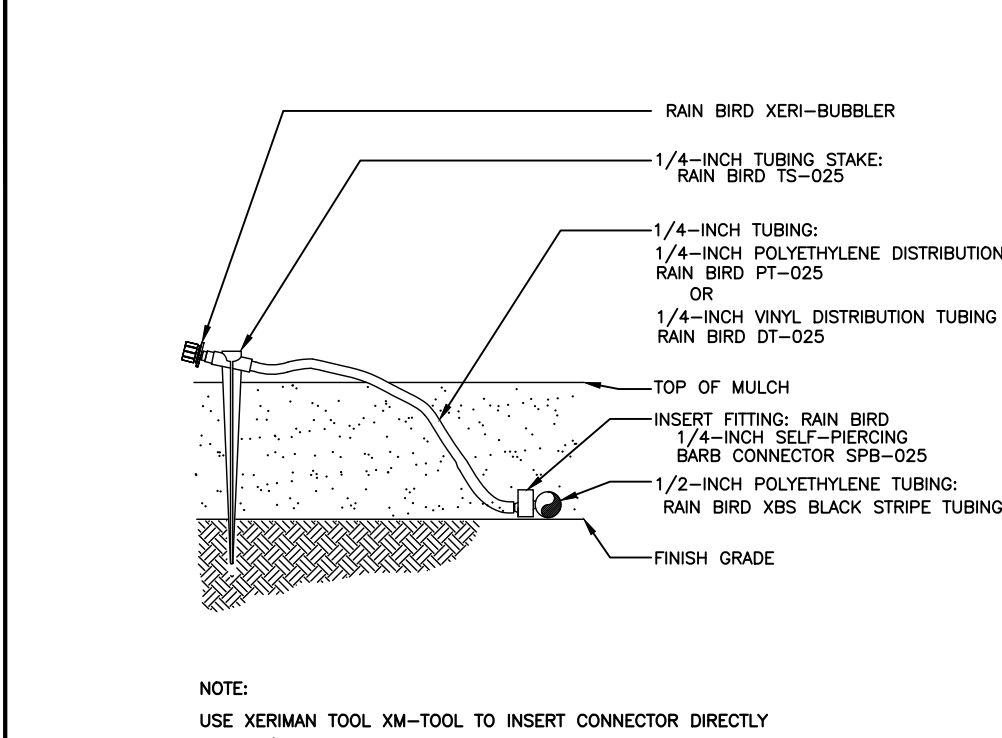
15 LANDSCAPE PLANTER - HOURGLASS SHAPED
N.T.S.



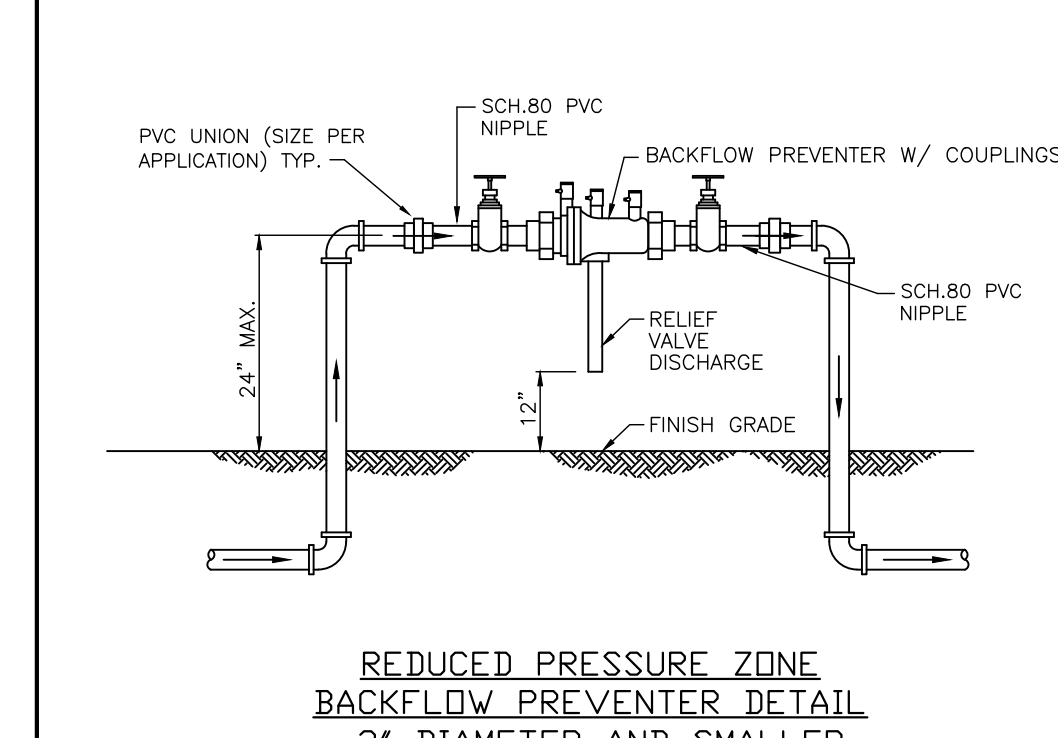
16 3/4" CONTROL ZONE KIT WITH PRESSURE REGULATING BACKFLUSH FILTER
XCZ-075-PRF-BF N.T.S.



17 1" CONTROL ZONE KIT WITH PRESSURE REGULATING BACKFLUSH FILTER
XCZ-100-PRF-BF N.T.S.



18 XERI-BUBBLER ON 1/4" TUBING
N.T.S.



19 RPZ BACKFLOW PREVENTER DETAIL
N.T.S.

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Irrigation Details
Mavis Loxahatchee
Loxahatchee Groves, Florida

REVISIONS
1 7/27/25 Comments
2
3
4
5
6
7
8

DATE: 05-18-25
JOB #: 2025-016
PERMIT #
DRAWN BY: BRB
FILE NAME: IRRIGATION
SCALE: N.T.S.
IR200