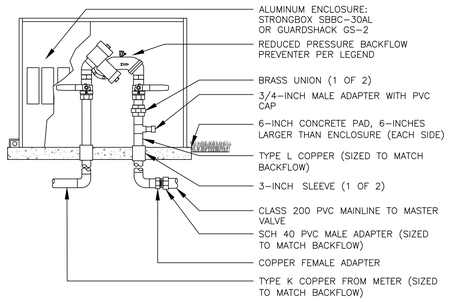
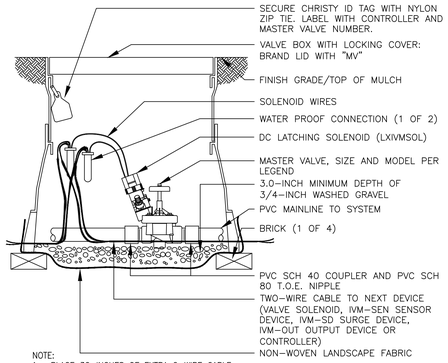


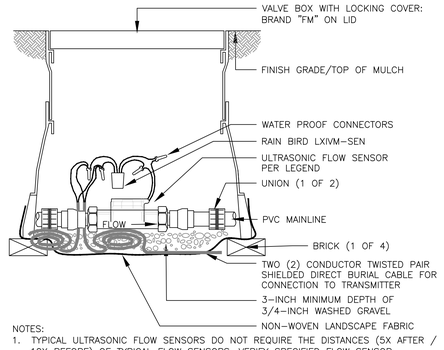
NOTES:
1. INSTALL BACKFLOW DEVICE IN ACCORDANCE WITH ALL STATE AND LOCAL CODE REQUIREMENTS.
2. SLOPE TOP SURFACE OF PAD AT 0.5 % WITH BROOM FINISH.
3. MAKE PIPE SLEEVES WITH 1-1/2 INCH LARGER DIAMETER PIPE THAN PENETRATING PIPE SIZE.
4. ALL HINGED CONNECTION LOCATIONS AND HARDWARE TO BE TAMPER PROOF.
5. ALL WELD JOINTS SHALL BE CONTINUOUS AND GROUND SMOOTH.

1 BACKFLOW PREVENTION UNIT ASSEMBLY



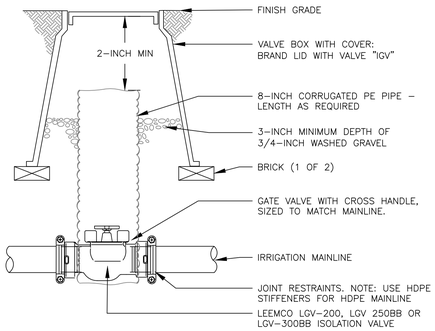
NOTE:
1. PLACE 36-INCHES OF EXTRA 2-WIRE CABLE IN EVERY VALVE BOX FOR EASIER SERVICING.

2 LXIVM MASTER VALVE ASSEMBLY



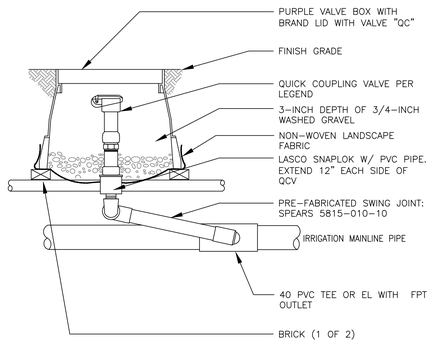
NOTES:
1. TYPICAL ULTRASONIC FLOW SENSORS DO NOT REQUIRE THE DISTANCES (5X AFTER / 10X BEFORE) OF TYPICAL FLOW SENSORS. VERIFY SPECIFIED FLOW SENSOR DISTANCE REQUIREMENTS, PRIOR TO INSTALLATION.

3 ULTRASONIC FLOW SENSOR ASSEMBLY - 2-WIRE LXIVM

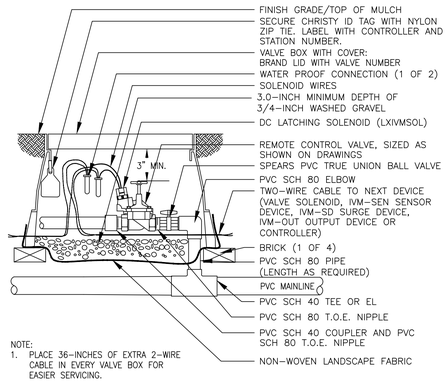


NOTES:
1. NOMINAL SIZE OF GATE VALVE TO MATCH NOMINAL MAINLINE SIZE.

4 ISOLATION GATE VALVE ASSEMBLY 2, 2.5 & 3-INCH MAINLINE

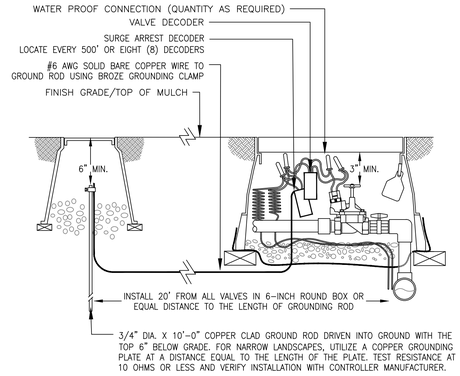


5 QUICK COUPLING VALVE ASSEMBLY

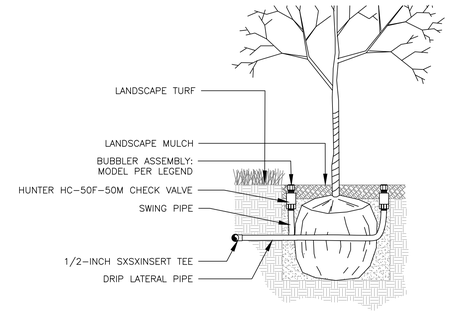


NOTE:
1. PLACE 36-INCHES OF EXTRA 2-WIRE CABLE IN EVERY VALVE BOX FOR EASIER SERVICING.

6 REMOTE CONTROL SPRINKLER VALVE ASSEMBLY

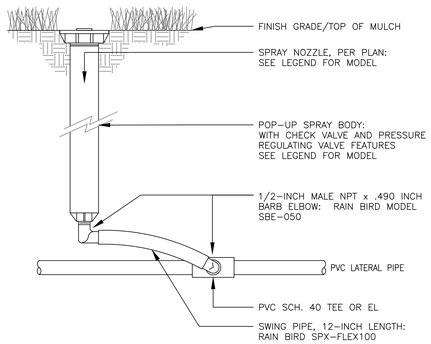


7 TYPICAL GROUNDING (AT VALVE) ASSEMBLY

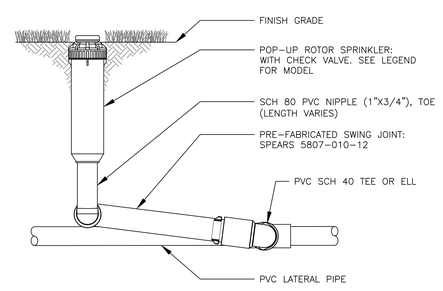


NOTES:
1. REFER TO LANDSCAPE PLANS FOR TREE GRATE INSTALLATION AND DETAILS.

8 BUBBLER ASSEMBLY FOR TREES IN SHRUB BEDS

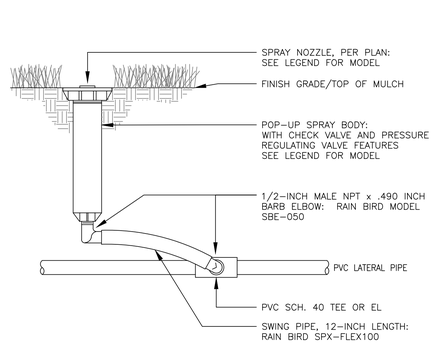


9 12-INCH POP UP SPRAY SPRINKLER ASSEMBLY

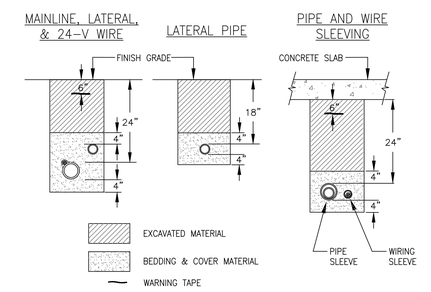


NOTES:
1. INSTALL PLASTIC RISERS FOR ROTORS IN NATIVE AREAS.

10 6-INCH GEAR DRIVEN ROTOR ASSEMBLY W/SWING JOINT



11 6-INCH POP UP SPRAY SPRINKLER ASSEMBLY



NOTES:
1. SLEEVE ALL PIPE AND WIRE SEPARATELY.
2. ALL PIPE TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS."SNAKE" UNSLEEVED PLASTIC PIPE IN TRENCH. PROVIDE A MINIMUM OF 2" CLEARANCE TO SIDE OF TRENCH AND BETWEEN PIPES.
3. ALL 120-V WIRING SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS. TAPE AND BUNDLE 24-V WIRE EVERY 10' AND PROVIDE LOOSE 20" LOOP AT ALL CHANGES OF DIRECTION OVER 30 DEGREES.

12 TYPICAL TRENCHING DETAIL

Hines Inc
SITE WATER ENGINEERING SERVICES
323 W. DRAKE RD, SUITE 204
FORT COLLINS, COLORADO 80526
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Web: www.hinesinc.com

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301 EAST ATLANTIC BLVD.
POMPANO BEACH, FL 33060
PH: (954) 788-3400
Florida Engineering Business License: CA7928
Florida Surveyor and Mapper Business License: LB6860
Florida Landscape Architecture Business License: LC26000457

LANDSCAPE ARCHITECT:
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801 INTERNATIONAL PARKWAY
LAKE MARY, FL 32746
407.871.9607
MKSKSTUDIOS.COM

ARCHITECT:
WANNEMACHER JENSEN ARCHITECTS
815 NORTHWEST 57 AVE. SUITE 219
MIAMI, FLORIDA 33126
727-822-5566
WJARC.COM AA0002277

MECHANICAL, PLUMBING, & ELECTRICAL ENGINEERING:
SGM ENGINEERING
5301 WATERFORD DISTRICT DR.
SUITE 750
954-421-1944
SGMENGINEERING.COM CA-00006208

REVISIONS

NO.	DESCRIPTION	DATE
	ISSUED FOR BUILDING PERMIT	11/21/2024

ISSUE DATE:	11/21/2024
DESIGNED BY:	HINES
DRAWN BY:	HINES
CHECKED BY:	HINES

THOMAS F. DONAHUE, P.E.
FLORIDA REG. NO. 60529
(FOR THE FIRM)

CLIENT
VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

PROJECT

SHEET TITLE
IRRIGATION DETAILS

SHEET NUMBER **IR-005**

KEITH PROJECT NUMBER **13861.00**

STATUS: CONSTRUCTION DOCUMENTS

Plotted by: carla_rocz79 On 11/21/2024 8:55 AM

Drawing name: C:\Hines Inc Dropbox\Design\Projects\MKSK\Gary Matzner Park\ACAD\IR-Gary Matzner Park.dwg