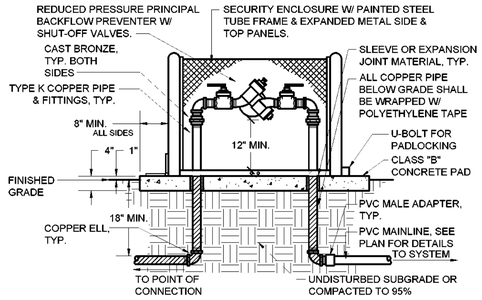
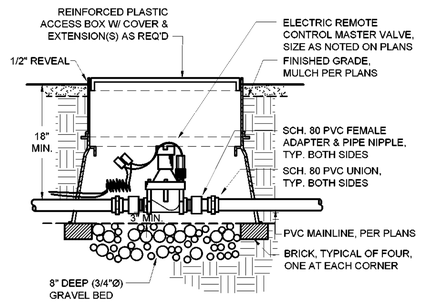


1 BACKFLOW PREVENTER IN SECURITY ENCLOSURE

SCALE: N.T.S.

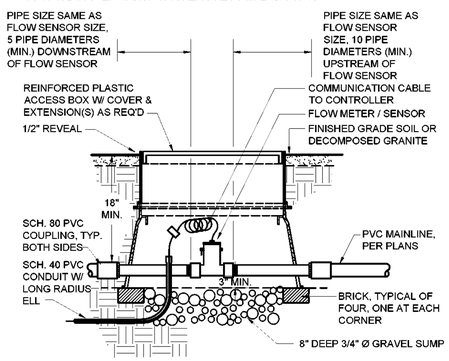
NOTES:
1. ALL WIRES TO BE INSTALLED PER LOCAL CODE. TAPE AND BUNDLE WIRES EVERY 7'. PROVIDE EXPANSION COIL AT EACH WIRE CONNECTION IN VALVE BOX (WRAP AROUND 1/2" Ø PIPE 15 TIMES).
2. COMPACT SOIL AROUND VALVE BOX TO SAME DENSITY AS ADJACENT UNDISTURBED SOIL.
3. ALL THREADED PVC JOINTS SHALL BE WRAPPED WITH TEFLON TAPE.



2 MASTER VALVE ASSEMBLY

SCALE: N.T.S.

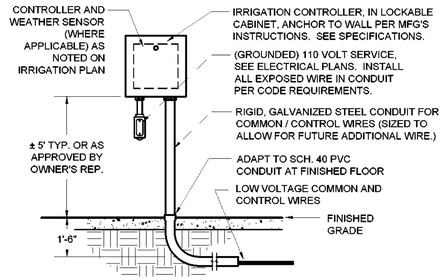
NOTE:
PROVIDE PULSE DECODER, PULSE TRANSMITTER, PULSE TRANSMITTER POWER SUPPLY, AND SURGE PROTECTOR IN ACCORDANCE WITH FLOW SENSOR / CONTROL SYSTEM MANUFACTURER'S RECOMMENDATIONS.



3 FLOW SENSOR ASSEMBLY

SCALE: N.T.S.

NOTES:
1. COORDINATE INSTALLATION OF IRRIGATION CONTROLLER WITH OWNER'S REPRESENTATIVE. BEFORE INSTALLATION, OBTAIN APPROVAL FOR CONTROLLER LOCATION, WIRE ROUTING, AND PROPOSED CONNECTION TO ELECTRICAL SERVICE.
2. SECURE CABINET TO WALL PER MANUFACTURER'S WRITTEN INSTRUCTIONS OR PER APPROVED SHOP DRAWINGS.



4 IRRIGATION CONTROLLER IN LOCKING CABINET

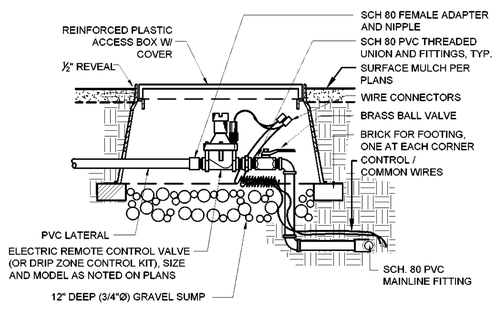
SCALE: N.T.S.

NOTES:
1. SELECT BACKFILL SHALL BE SAND OR SOIL FREE OF ROCKS AND STONES LARGER THAN 1/4" DIA.
2. BACKFILL MATERIAL SHALL BE WATERED IN AND COMPACTED TO DENSITY OF ADJACENT UNDISTURBED SOIL.

5 PIPE TRENCHING AND BACKFILL - MAINLINE, LATERALS, AND MARKING TAPE

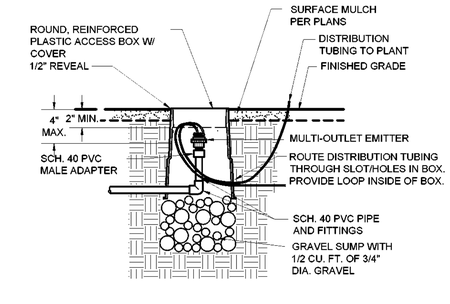
SCALE: N.T.S.

NOTES:
1. ALL WIRES TO BE INSTALLED PER LOCAL CODE. TAPE AND BUNDLE WIRES EVERY 7'. PROVIDE EXPANSION COIL AT EACH WIRE CONNECTION IN VALVE BOX (WRAP AROUND 1/2" Ø PIPE 15 TIMES).
2. COMPACT SOIL AROUND VALVE BOX TO SAME DENSITY AS ADJACENT UNDISTURBED SOIL.
3. ALL THREADED PVC JOINTS SHALL BE WRAPPED WITH TEFLON TAPE.



6 ELECTRIC REMOTE CONTROL VALVE

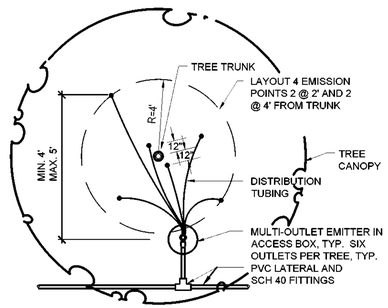
SCALE: N.T.S.



7 MULTI-OUTLET EMITTER

SCALE: N.T.S.

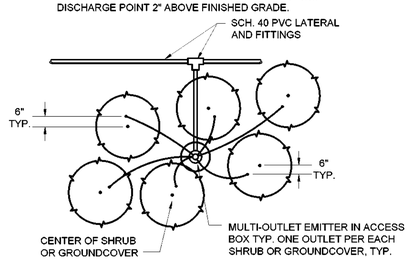
NOTE:
1. LENGTH OF DISTRIBUTION TUBING SHALL NOT EXCEED 5'-0". REFER TO LOCAL JURISDICTIONAL REQUIREMENTS; MAXIMUM ALLOWABLE LENGTH MAY BE LESS.
2. LAYOUT DISTRIBUTION TUBING AS SHOWN AND LOCATE DISCHARGE POINT 2" ABOVE FINISHED GRADE.



8 EMITTER DISTRIBUTION TUBING LAYOUT - TREES

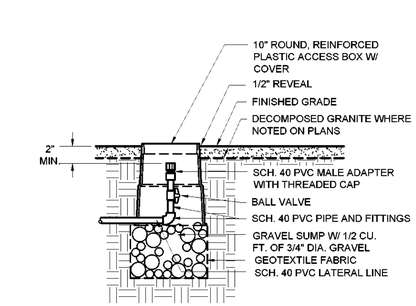
SCALE: N.T.S.

NOTES:
1. LENGTH OF DISTRIBUTION TUBING SHALL NOT EXCEED 5'-0". REFER TO LOCAL JURISDICTIONAL REQUIREMENTS; MAXIMUM ALLOWABLE LENGTH MAY BE LESS.
2. LAYOUT DISTRIBUTION TUBING AS SHOWN AND LOCATE DISCHARGE POINT 2" ABOVE FINISHED GRADE.



9 EMITTER DISTRIBUTION TUBING LAYOUT - SHRUBS

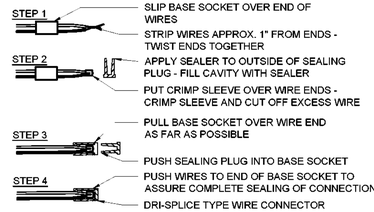
SCALE: N.T.S.



10 LATERAL FLUSHING END CAP

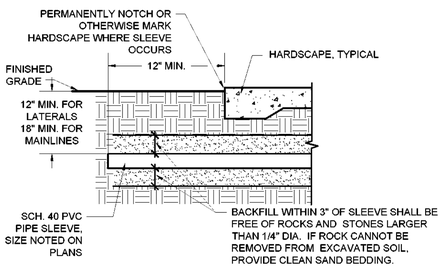
SCALE: N.T.S.

1. FOR WIRE SIZES NO. 14, 12, AND 10, ALL CONNECTIONS IN VALVE BOXES ONLY.
2. INSTALL SPEARS DS-100 DRI-SPLICE CONNECTORS WITH DS-300 SEALANT.



11 IRRIGATION WIRE CONNECTION

SCALE: N.T.S.



12 MAINLINE AND LATERAL PIPE SLEEVING

SCALE: N.T.S.

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA 811
Call 811 or click Arizona811.com

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1001 W Southern Ave, Suite 131
Mesa, Arizona 85210 (480) 207-2666

O'Reilly AUTO PARTS

O'REILLY AUTO PARTS
IRRIGATION DETAILS
GOODYEAR, AZ

PROJECT No. 291673000
SCALE (H): N/A
SCALE (V):
DRAWN BY: DVC
DESIGN BY: DVC
CHECK BY: RAS
DATE: 12/14/2023

REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT
CERTIFICATE NO.
74748
RYAN A. SCHWARZER
Date 12/14/2023

673000IR.dwg

C–15
15 OF 15 SHEETS

REV	DESCRIPTION	BY	DATE	APPR

K:\EAV_Civil\291673000 O'Reilly Goodyear\CADD\Dsk\673000IR.dwg, Layout:IRDT Jan 16, 2024 - 7:45am noah.horton
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