

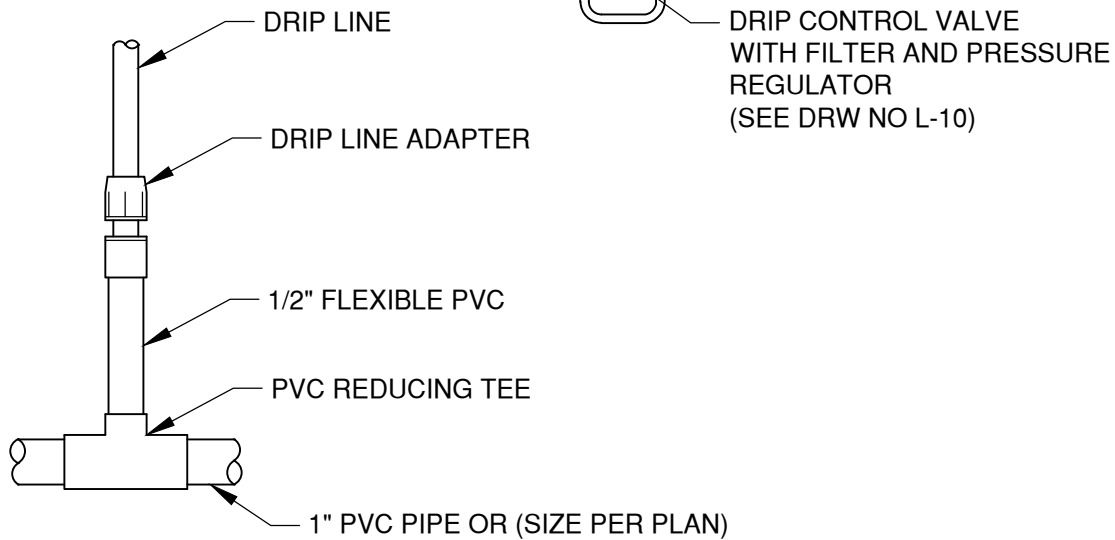
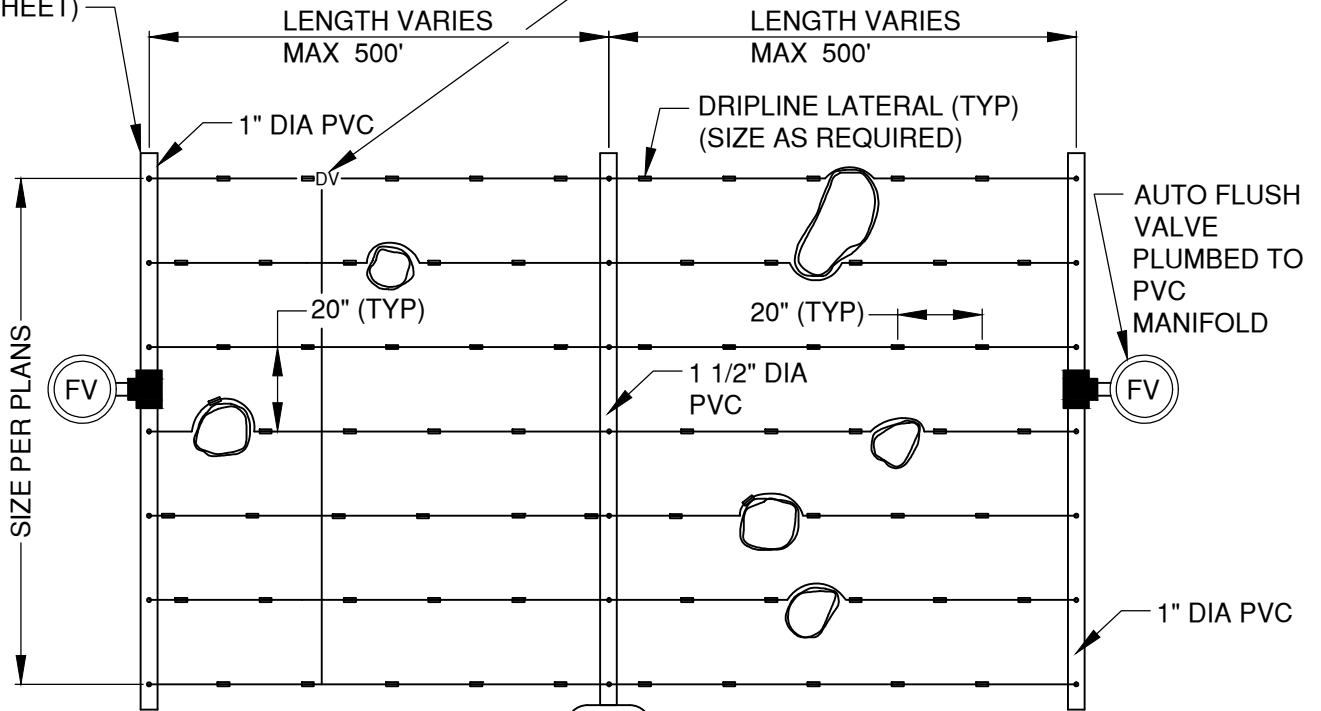
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**CITY OF BEND STANDARD DRAWINGS**  
**Landscaping (L)**

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PVC DRIPLINE FEEDER MANIFOLD (SEE DETAIL THIS SHEET)

AIR/VACUUM RELIEF VALVE (PLUMBED TO DRIPLINE AT EACH HIGH POINT)



**TYPICAL PVC DRIPLINE MANIFOLD CONNECTION**

NOTES:

1. RELOCATE DRIP LINES AROUND OBSTACLES AS NEEDED

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DIV LNDSCP	
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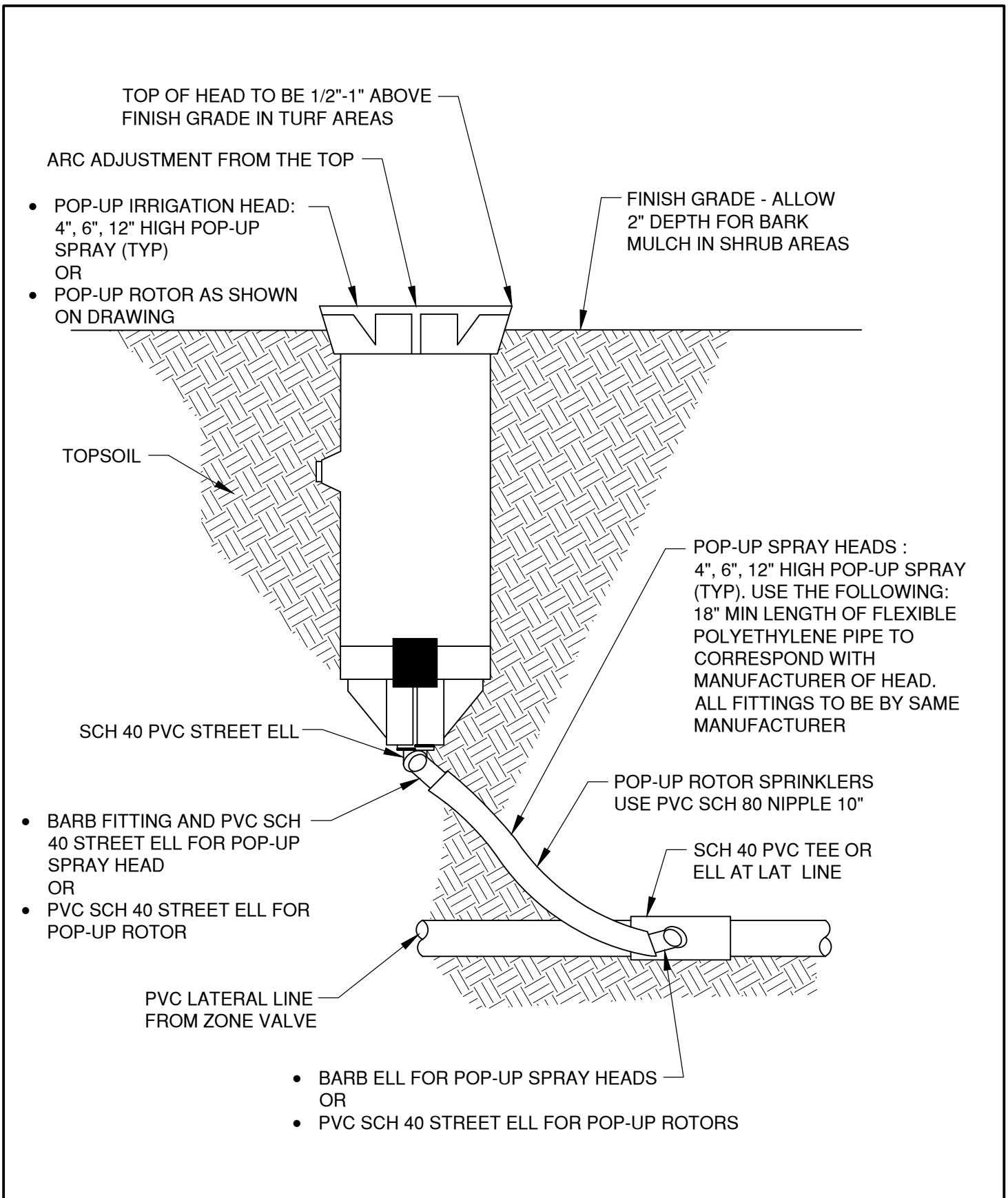
**PLANTING OR TURF BED DRIP LAYOUT**

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STD DWG L-1



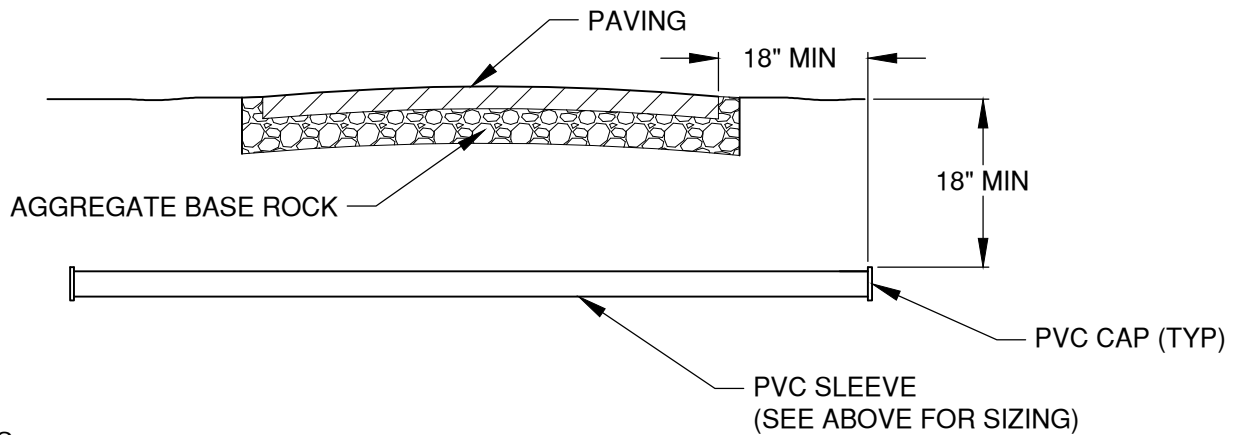
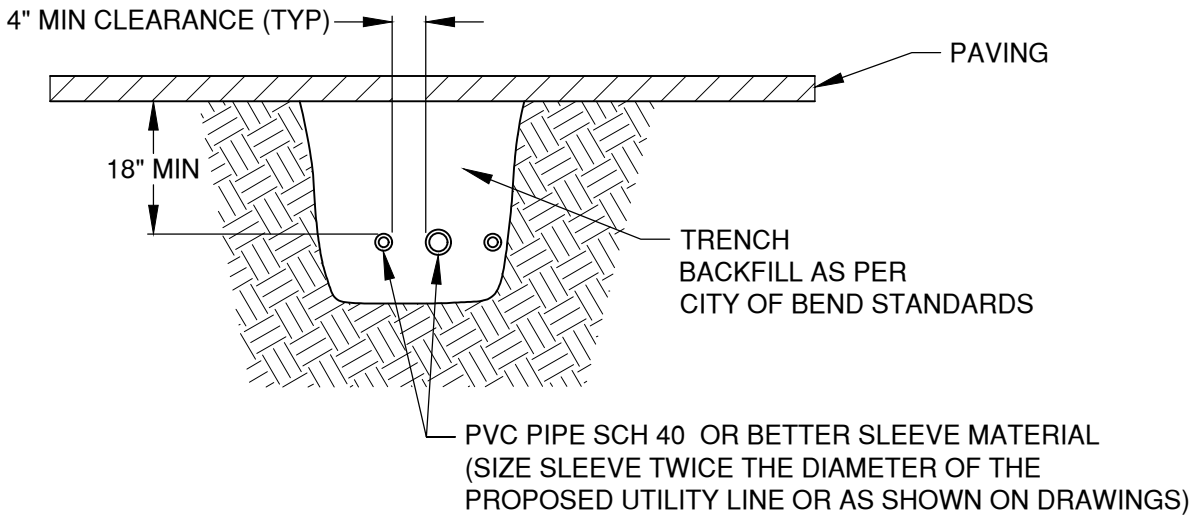
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**SPRINKLER HEAD AND JOINTS**

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STD DWG L-2



NOTES:

1. COMPACTION SHALL MEET 00405.46C PER CITY OF BEND SPECIAL PROVISIONS
2. 12" MIN COVER UNDER SIDEWALKS
3. SEE STD DWGS R-10 AND R-11 FOR TRENCH BACKFILL AND ROAD RESTORATION REQUIREMENTS.

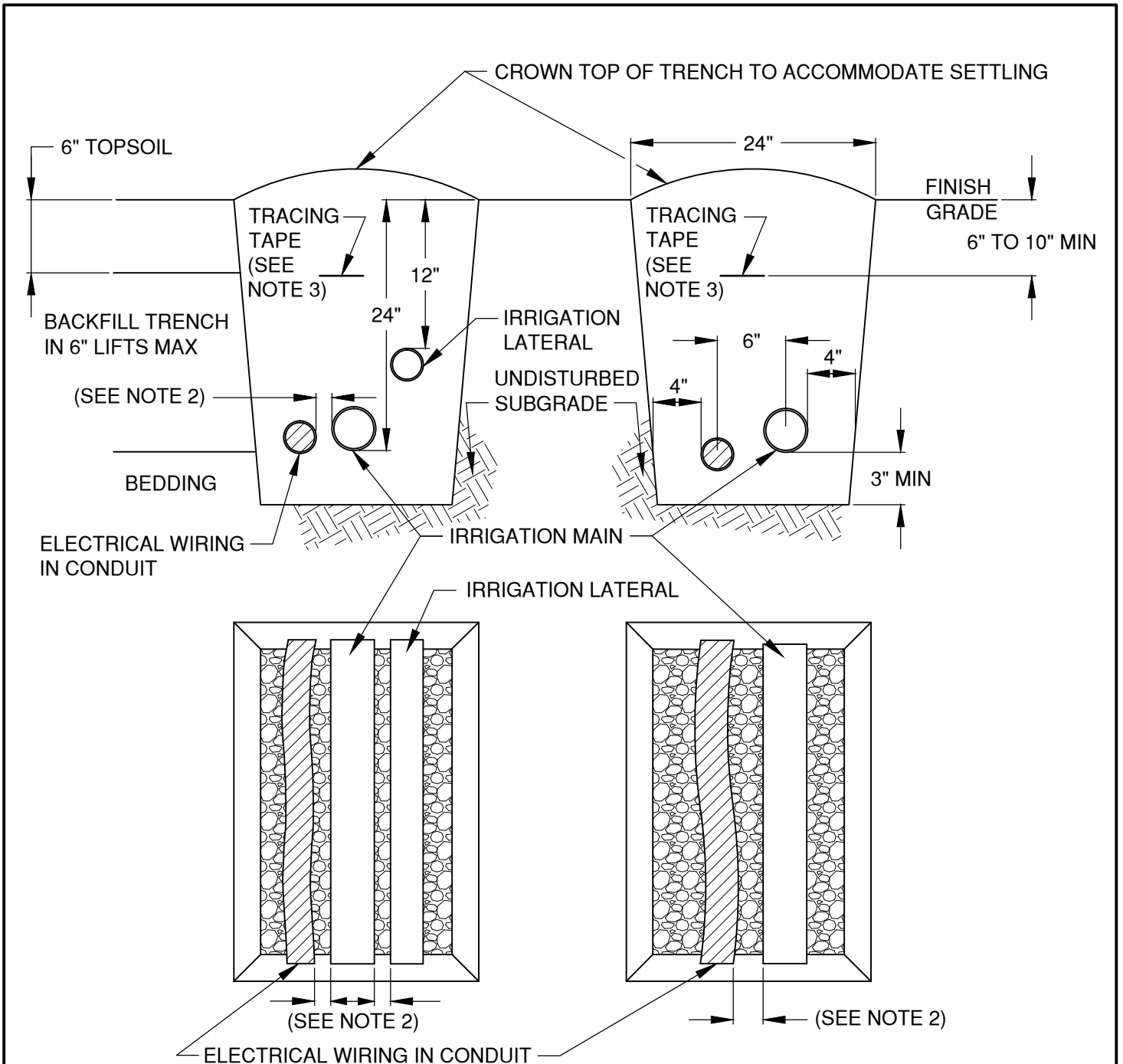
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DATE 01/31/2022
APPR
STD DWG L-3

**IRRIGATION SLEEVE UNDER PAVING**



**NOTES:**

- 1. MINIMUM DEPTH OVER PVC PIPE:  
 10" FOR 1-1/4" OR SMALLER  
 12" FOR 1-1/2" TO 2" PIPE  
 14" FOR 2-1/2" TO 3" LATERALS  
 18" FOR MAINLINE PIPING AND SLEEVES
- 2. CLEARANCE BETWEEN PIPE:  
 4" FOR PIPE 2" AND SMALLER  
 6" FOR LARGER PIPE
- 3. PROVIDE A DETECTABLE TAPE OR WIRE USING A CONTINUOUS MINIMUM 14 GAUGE SINGLE STRAND LOCATOR WIRE IN TRENCH A MINIMUM 6" TO 10" BELOW FINISH GRADE. TRACING TAPE OR WIRE SHALL BE LOCATED A MINIMUM 6" ABOVE PIPING ON MAINLINE INSTALLATIONS

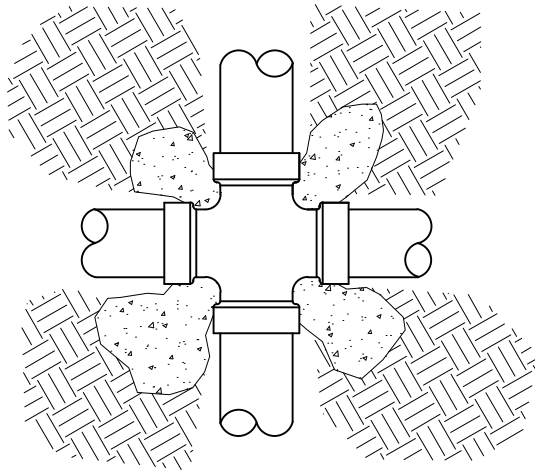
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DIV LNDSCP	
REV	DATE



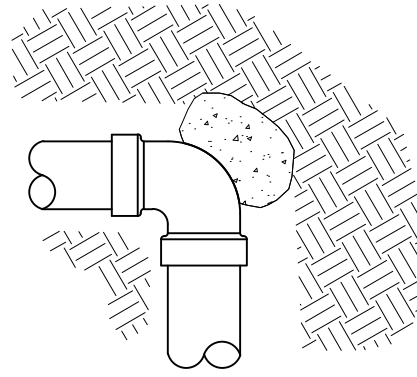
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 STANDARD DRAWING  
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**IRRIGATION - TYPICAL TRENCH**

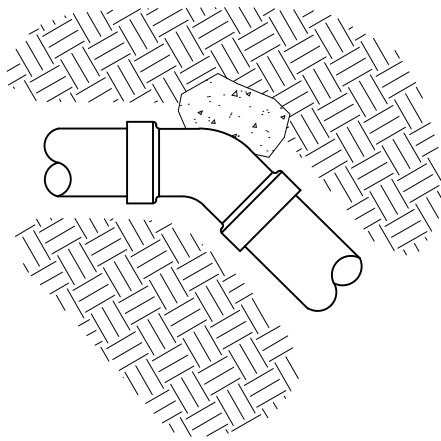
SCALE NTS
DATE 12/1/17
APPR
STD DWG L-4



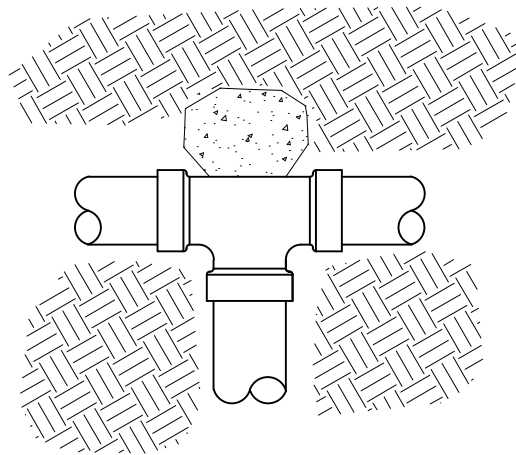
CROSS



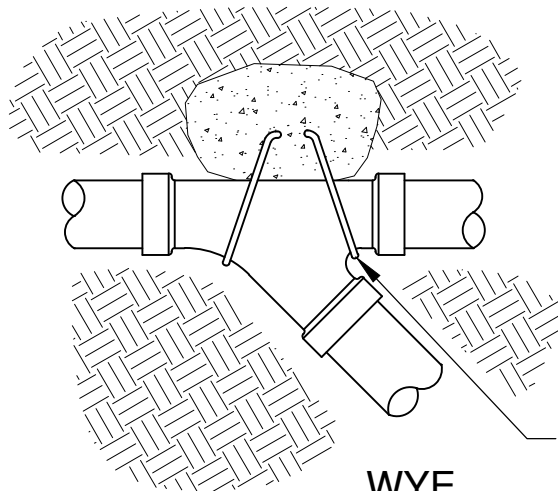
ELL



45° ELL



TEE



REBAR LOOP TIE

WYE

NOTES:

1. SUPPLY LINES 3" IN DIAMETER AND LARGER SHALL RECEIVE THRUST BLOCKS
2. USE A MINIMUM 1 CU FT OF CONCRETE IN EACH THRUST BLOCK POUR

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IRRIGATION FITTINGS

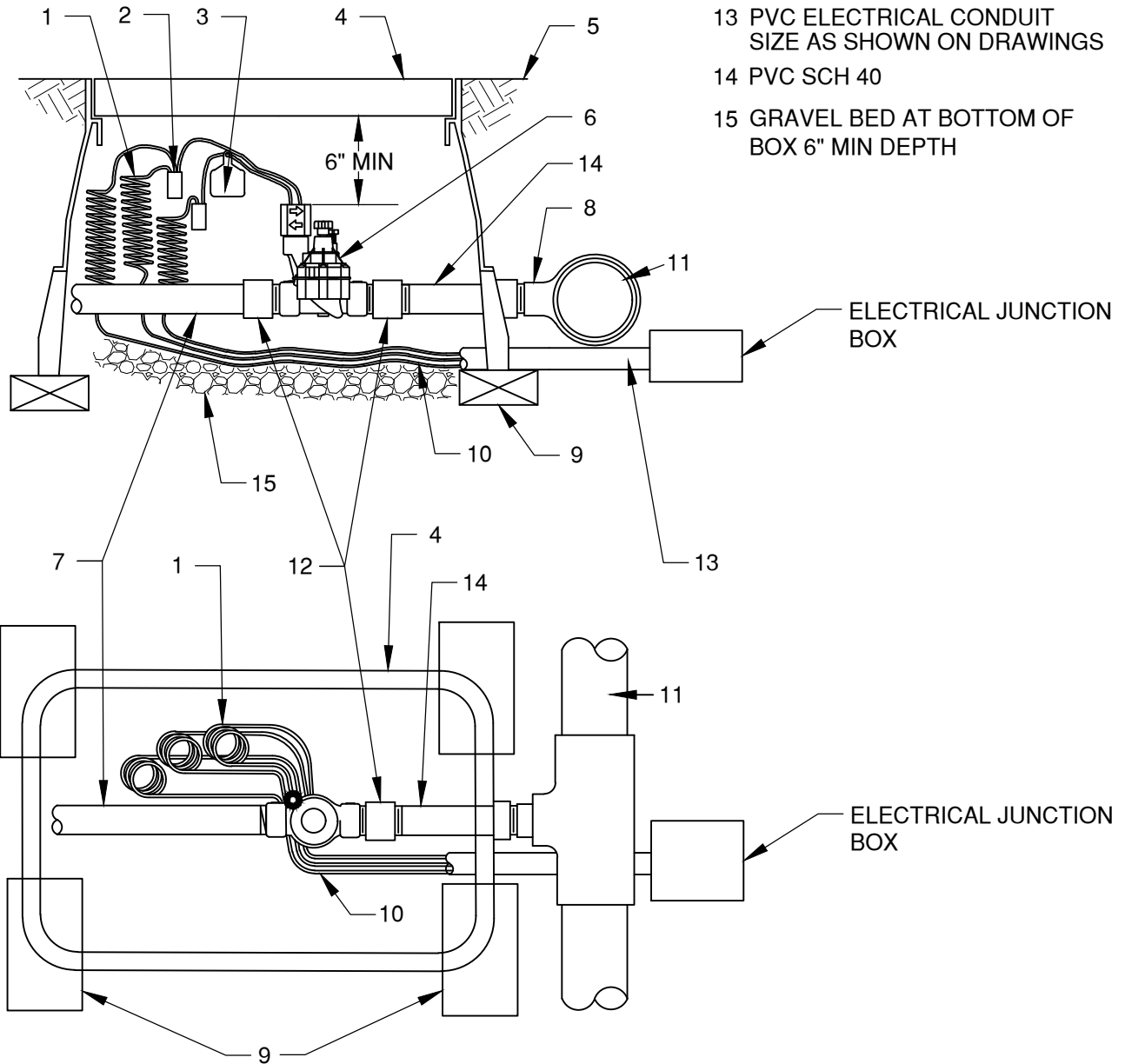
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DATE 12/1/17

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STD DWG L-5

- 1 30" LINEAR LENGTH OF WIRE, COILED
- 2 WATER PROOF CONNECTION (1 OF 2)
- 3 ID TAG
- 4 VALVE BOX WITH COVER: AMETEK STANDARD OR EQUAL
- 5 FINISH GRADE/TOP OF MULCH ALLOW 2" DEPTH MIN FOR BARK IF LOCATED IN SHRUB BED
- 6 REMOTE CONTROL VALVE: AS SPECIFIED ON DRAWING
- 7 PVC SCHEDULE 40 PIPE
- 8 PVC SADDLE FEMALE THREAD
- 9 TREATED WOOD OR BRICK SUPPORT (LENGTH AS REQ'D.)
- 10 CONTROL WIRING 24 VAC
- 11 PVC MAINLINE PIPE
- 12 SCH 80 MALE ADAPTER
- 13 PVC ELECTRICAL CONDUIT SIZE AS SHOWN ON DRAWINGS
- 14 PVC SCH 40
- 15 GRAVEL BED AT BOTTOM OF BOX 6" MIN DEPTH



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REV	DATE
1	12/10/21



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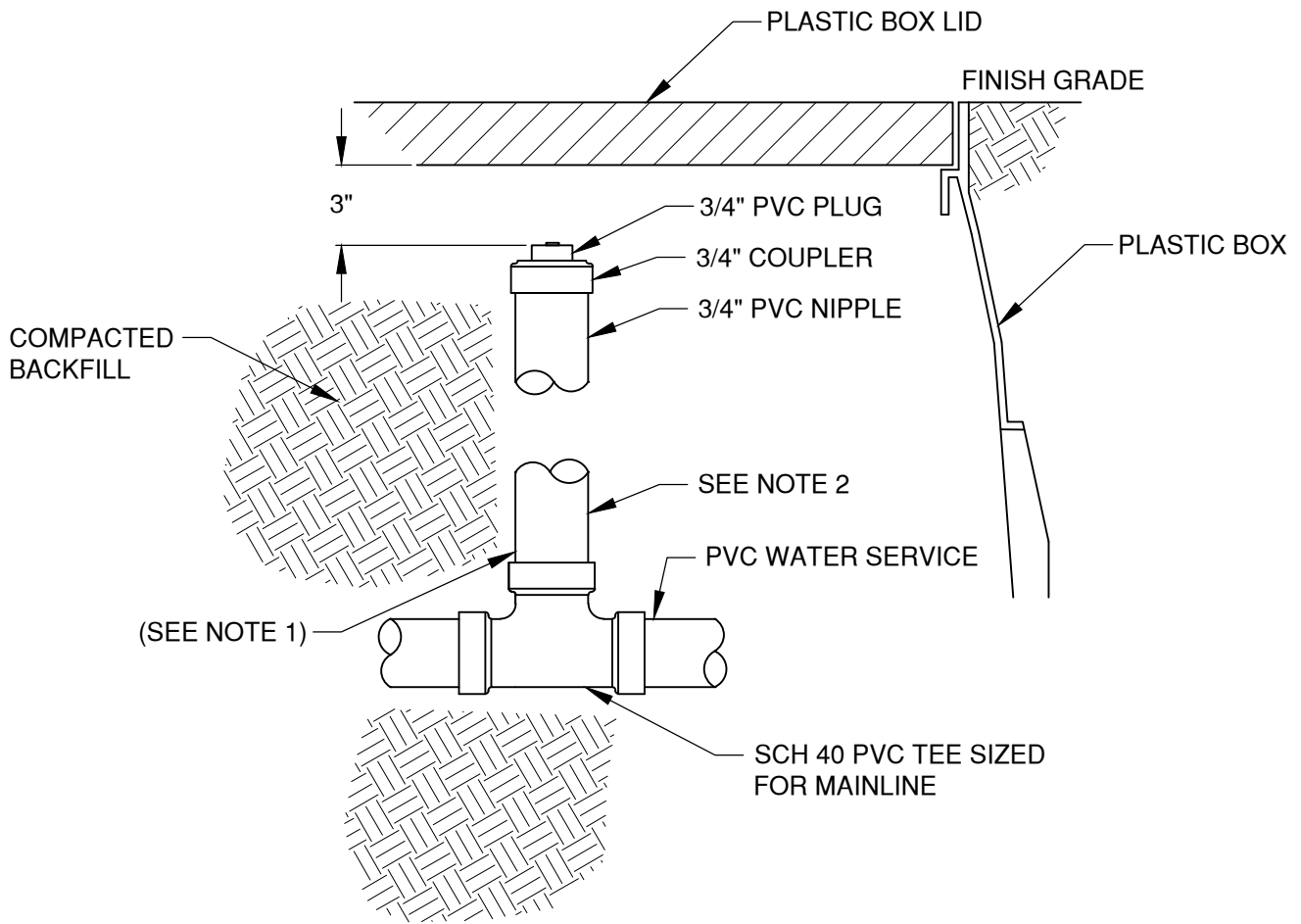
IRRIGATION REMOTE CONTROL VALVE

SCALE NTS

DATE 12/1/17

APPR

STD DWG L-6



**NOTES:**

1. PROVIDE PVC BUSHINGS AS REQUIRED TO REDUCE SIZE FROM TEE.
2. QUICK COUPLER ASSEMBLY REQUIRED, SEE STD DWG L-9.
3. PROVIDE ALL THREADED PVC CONNECTIONS WITH A NON-HARDENING JOINT COMPOUND, COMPATIBLE WITH MANUFACTURERS RECOMMENDATION.

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DIV LNDSCP	
REV	DATE
1	12/10/21

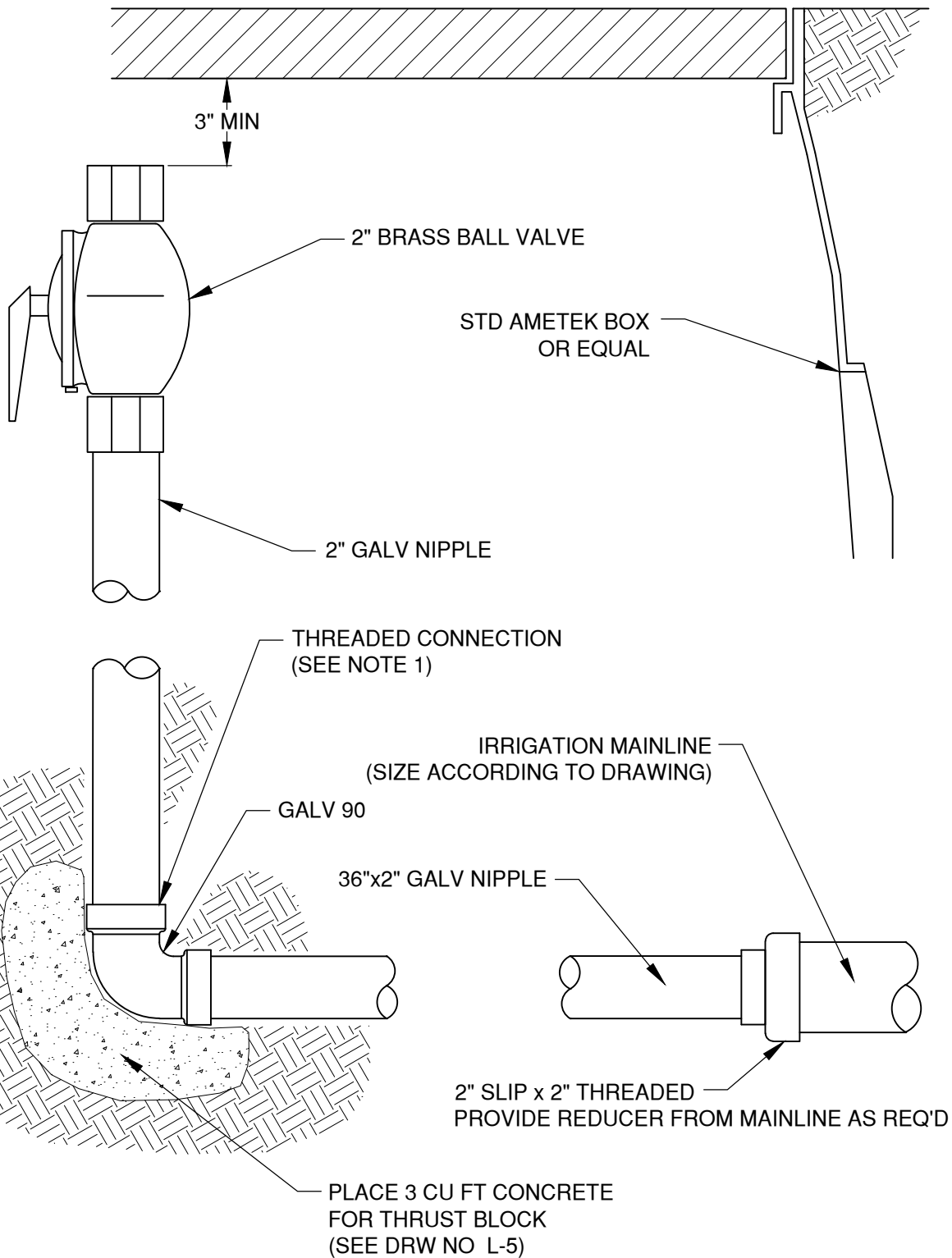


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**IRRIGATION BLOW OUT**

SCALE NTS
DATE 12/1/17
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STD DWG L-7





**NOTES:**

1. PROVIDE ALL THREADED CONNECTIONS WITH A NON-HARDENING, JOINT COMPOUND, COMPATIBLE WITH MANUFACTURERS RECOMMENDATION

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DIV LNDSCP	
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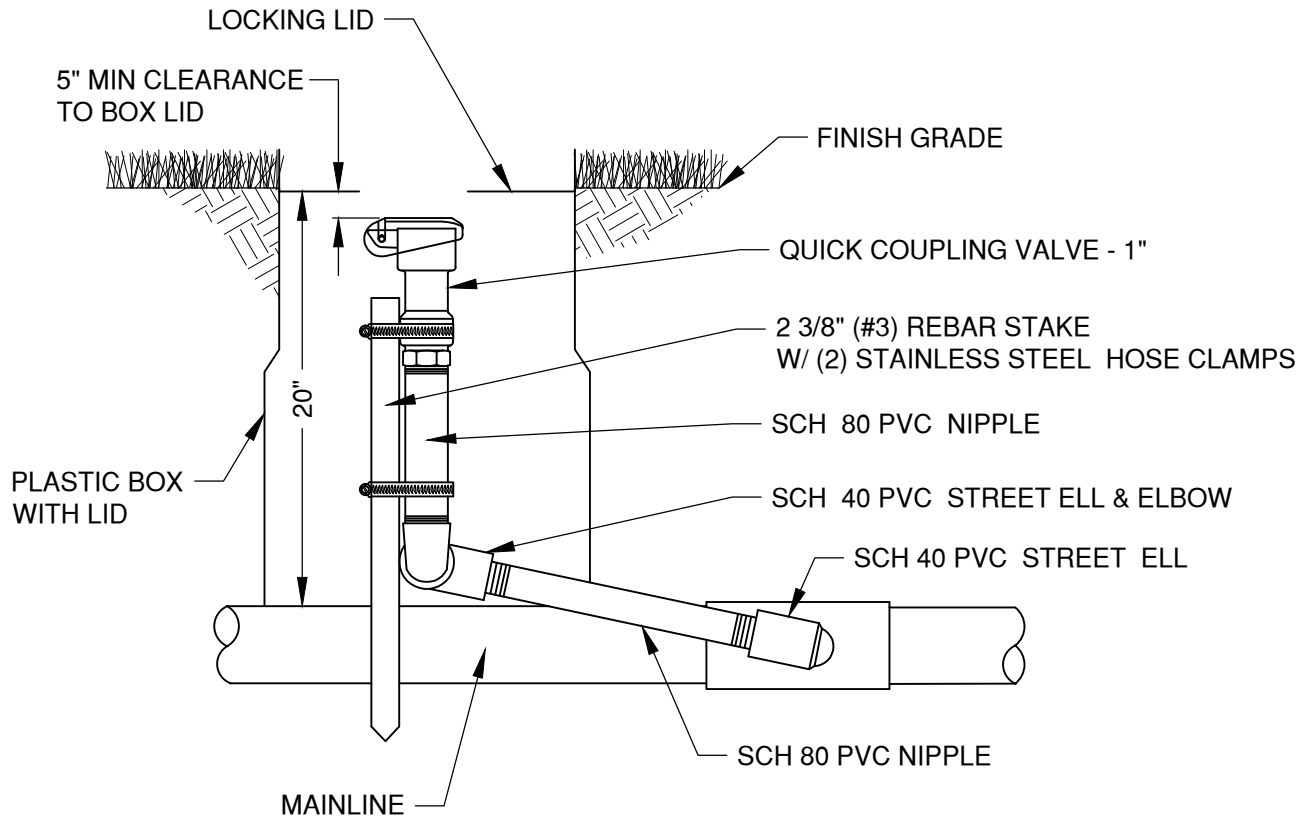
**TERMINATION POINT**

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STD DWG L-8



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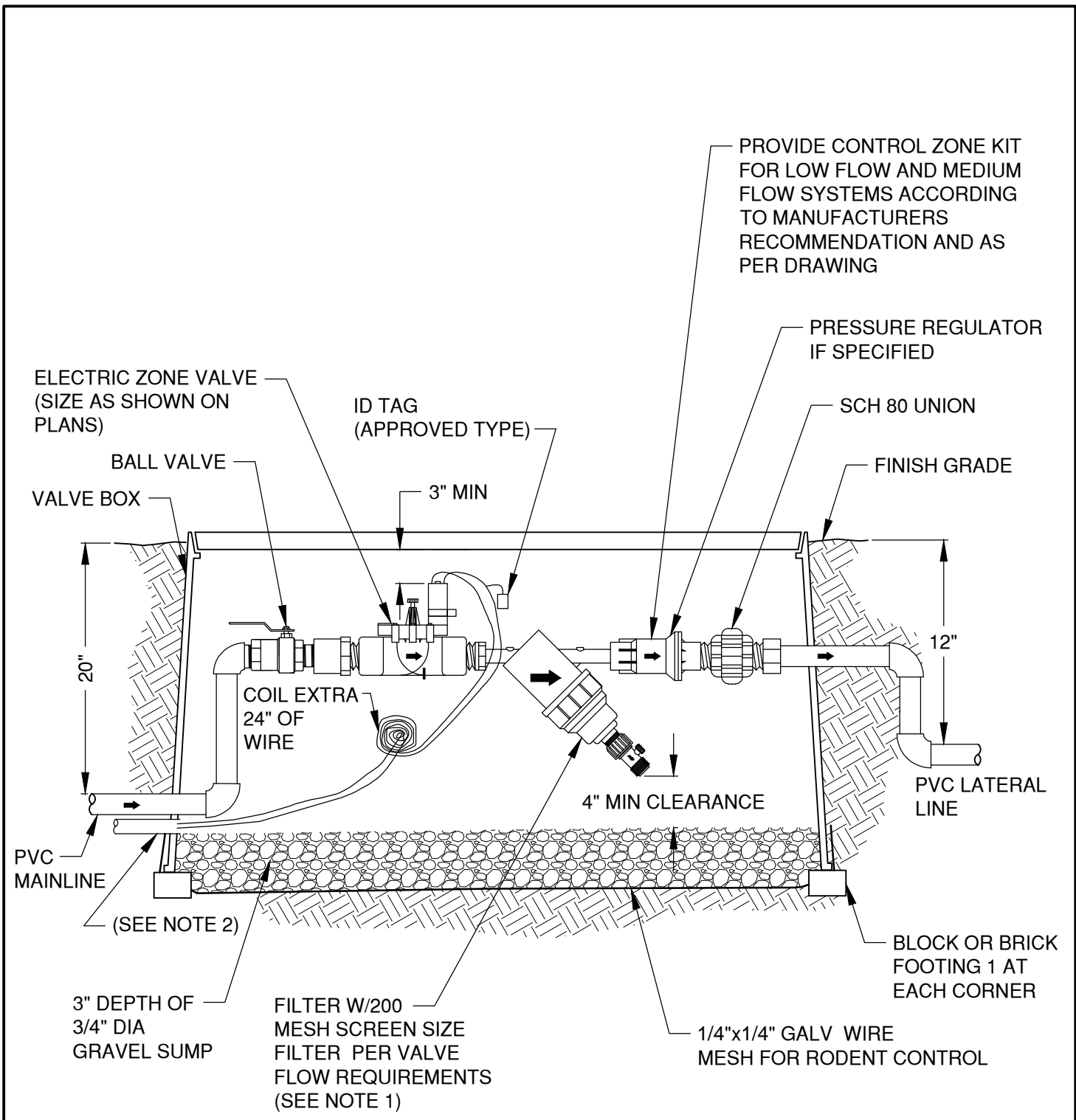
QUICK COUPLING VALVE

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STD DWG L-9



NOTES:

- 1. PROVIDE ADEQUATE SPACE FOR SERVICING THE SYSTEM
- 2. ALL ELECTRICAL WIRE TO BE INSTALLED IN APPROVED CONDUIT

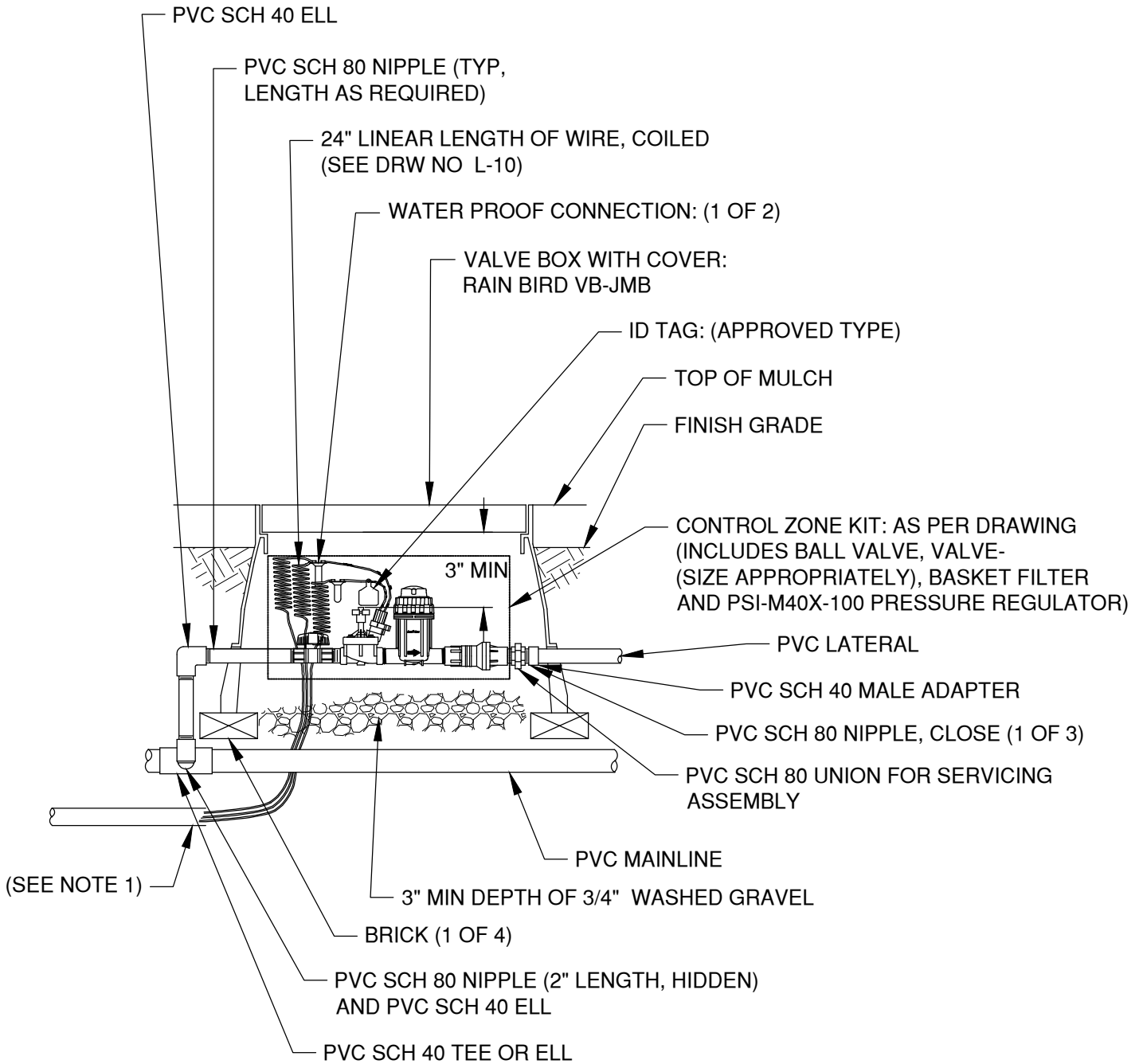
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**DRIP CONTROL VALVE, FILTER, AND REGULATOR**

SCALE NTS
DATE 12/1/17
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STD DWG L-10



NOTES:

1. ALL ELECTRICAL WIRE TO BE INSTALLED IN APPROVED CONDUIT

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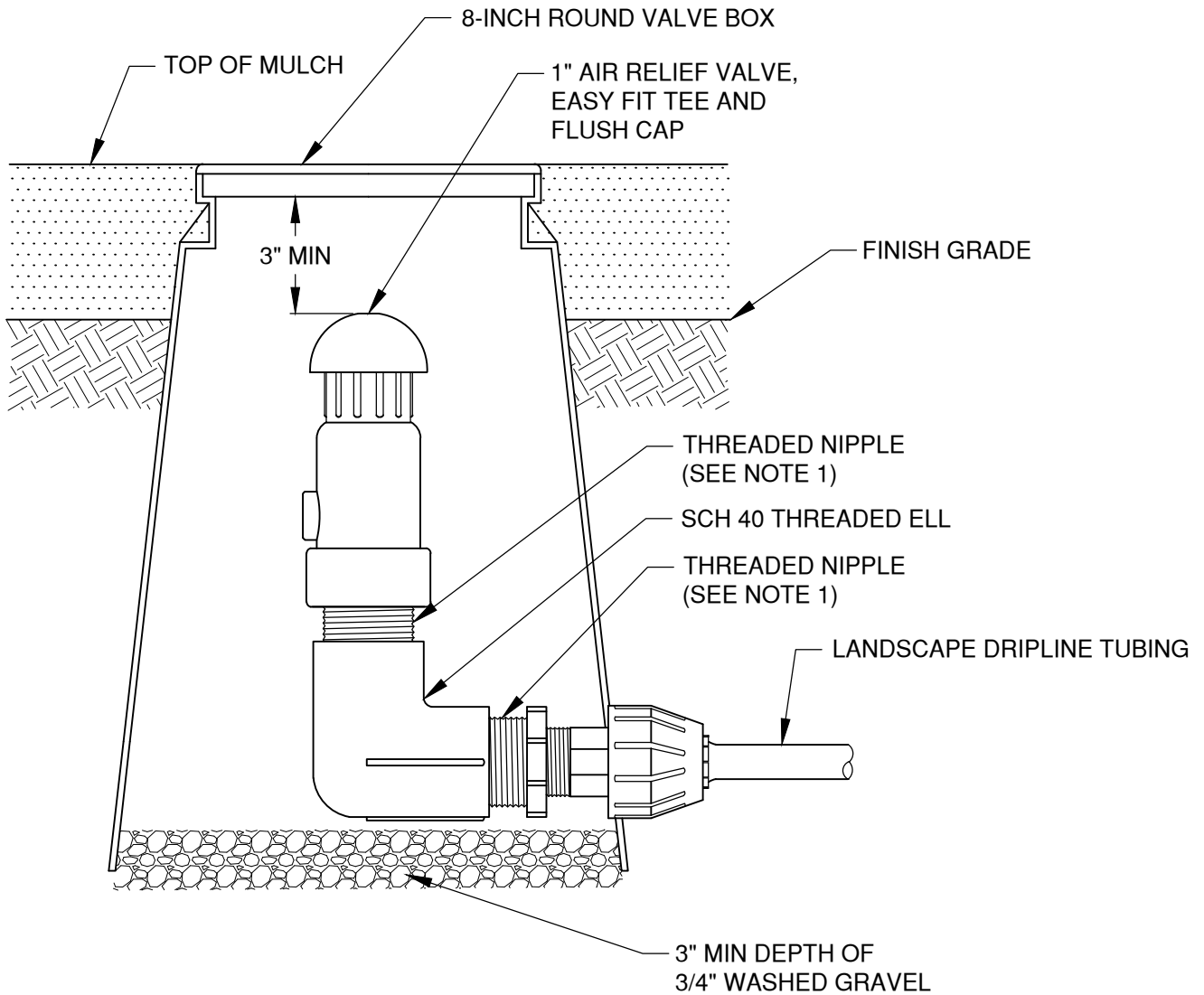
**1" COMM. CONTROL ZONE KIT WITH BASKET FILTER**

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DATE 12/1/17

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STD DWG L-12



NOTES:

1. PROVIDE ALL THREADED CONNECTIONS WITH A NON-HARDENING, JOINT COMPOUND, COMPATIBLE WITH MANUFACTURERS RECOMMENDATIONS

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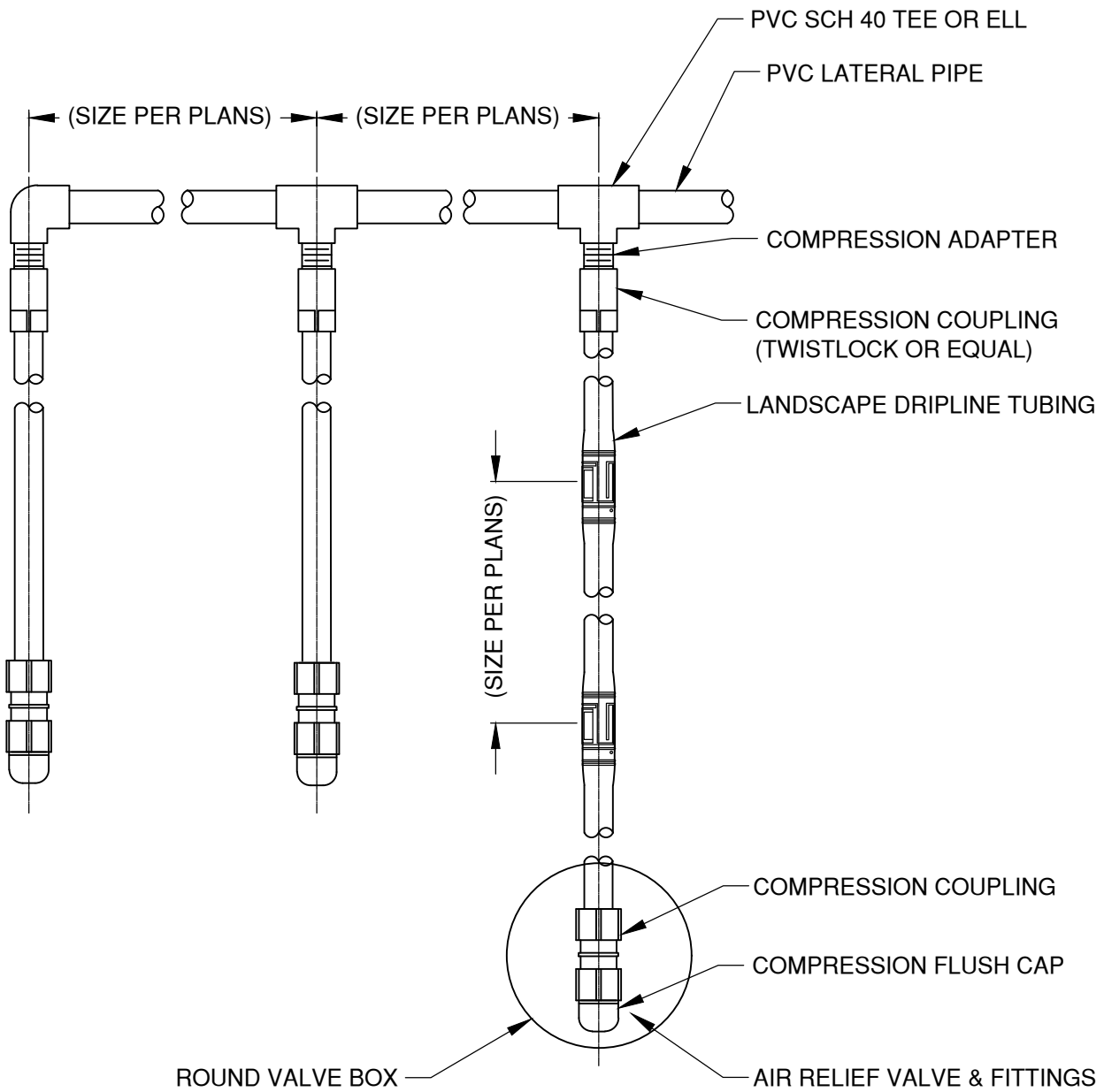
AIR RELIEF VALVE IN KIT - AR VALVE KIT

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APPR

STD DWG L-13



NOTES:

1. LATERAL AND EMITTER SPACING DEPENDS ON SOIL TYPE, AND PLANT SPECIES.
2. SEE OSS - DET 6110 - PLANTING OR TURF BED DRIP LAYOUT FOR OVERALL SPECIFICATION

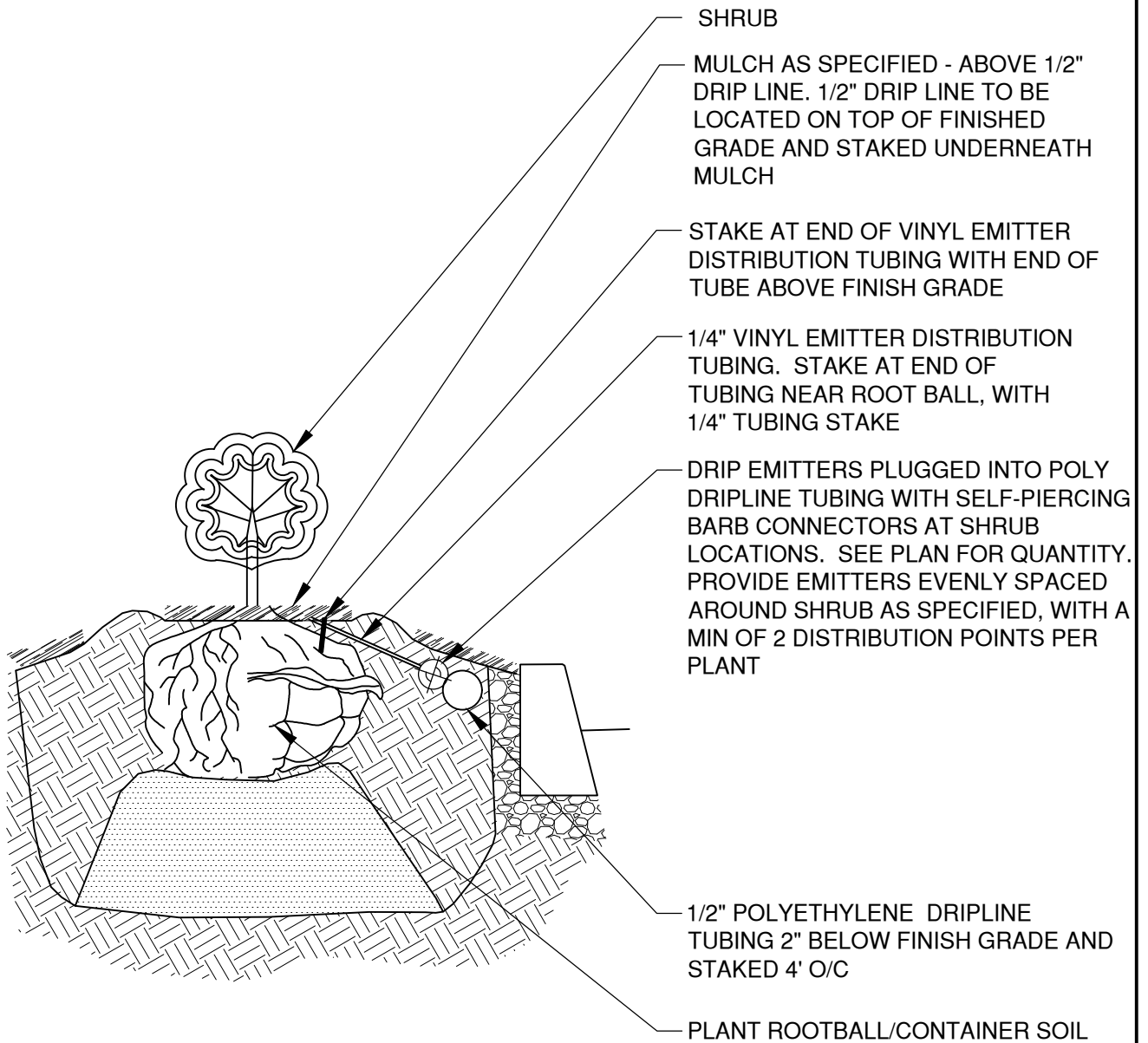
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DIV LNDSCP	
REV	DATE
1	12/10/21



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**DRIP IRRIGATION MAINLINE LAYOUT**

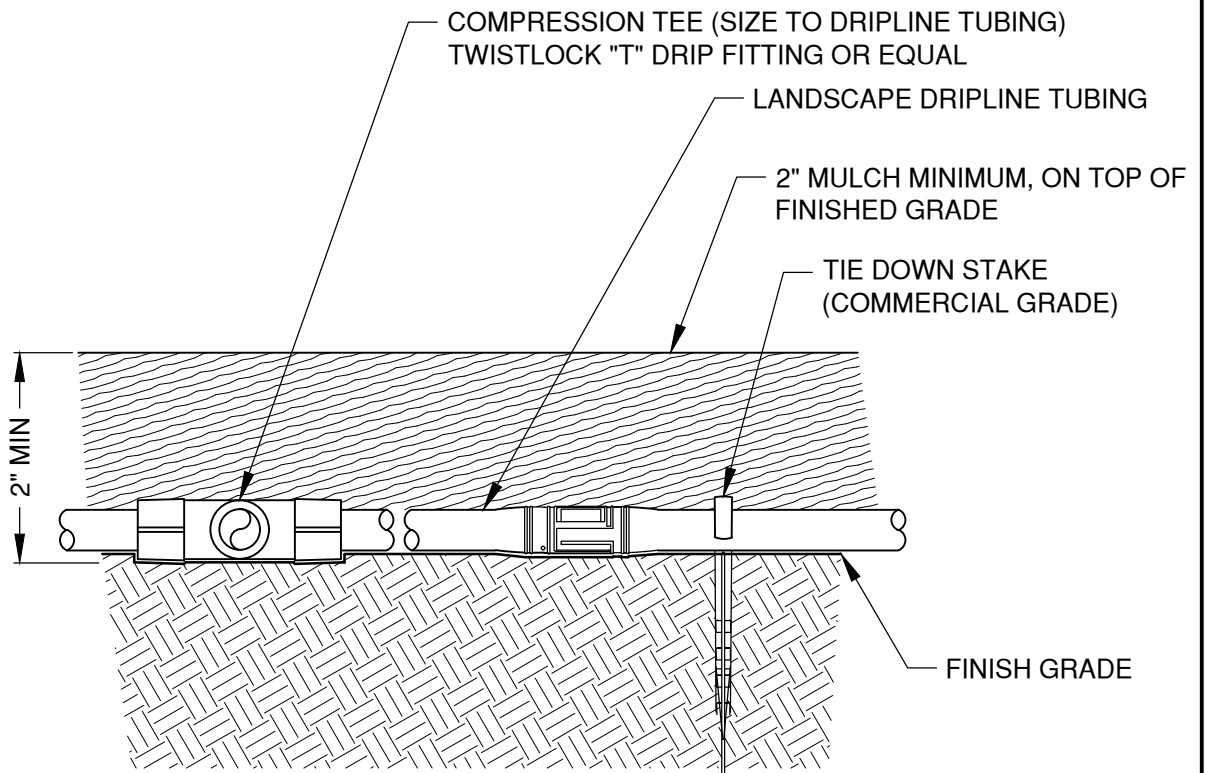
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DATE 12/1/17
APPR
STD DWG L-14



NOTES:

1. USE MANUFACTURERS RECOMMENDED TOOL TO PERFORATE 1/2" POLYETHYLENE TUBING, FOR BARB CONNECTION POINTS OF ENTRY

<table border="1"> <tr> <td colspan="2">DRAWN AJD</td> </tr> <tr> <td colspan="2">DIV LNDSCP</td> </tr> <tr> <td>REV</td> <td>DATE</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	DRAWN AJD		DIV LNDSCP		REV	DATE			 <p><b>CITY OF BEND</b></p>	<p><b>CITY OF BEND</b></p> <p>STANDARD DRAWING</p> <p>710 NW WALL ST., BEND, OREGON 97701</p>	<p>SCALE NTS</p> <p>DATE 01/31/2022</p> <p>APPR</p> <p>STD DWG L-15</p>
DRAWN AJD											
DIV LNDSCP											
REV	DATE										
<p><b>POINT SOURCE DRIP EMITTER</b></p>											



NOTES:

1. IF PUTTING LANDSCAPE DRIPLINE UNDER SOIL, DO NOT BURY MORE THAN 2" BELOW GRADE AND INCLUDE AIR RELIEF VALVE (SEE DRW NO L-13 "AIR RELIEF VALVE KIT-AR VALVE KIT")

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DRIPLINE 2" BELOW GRADE POTABLE SYSTEM

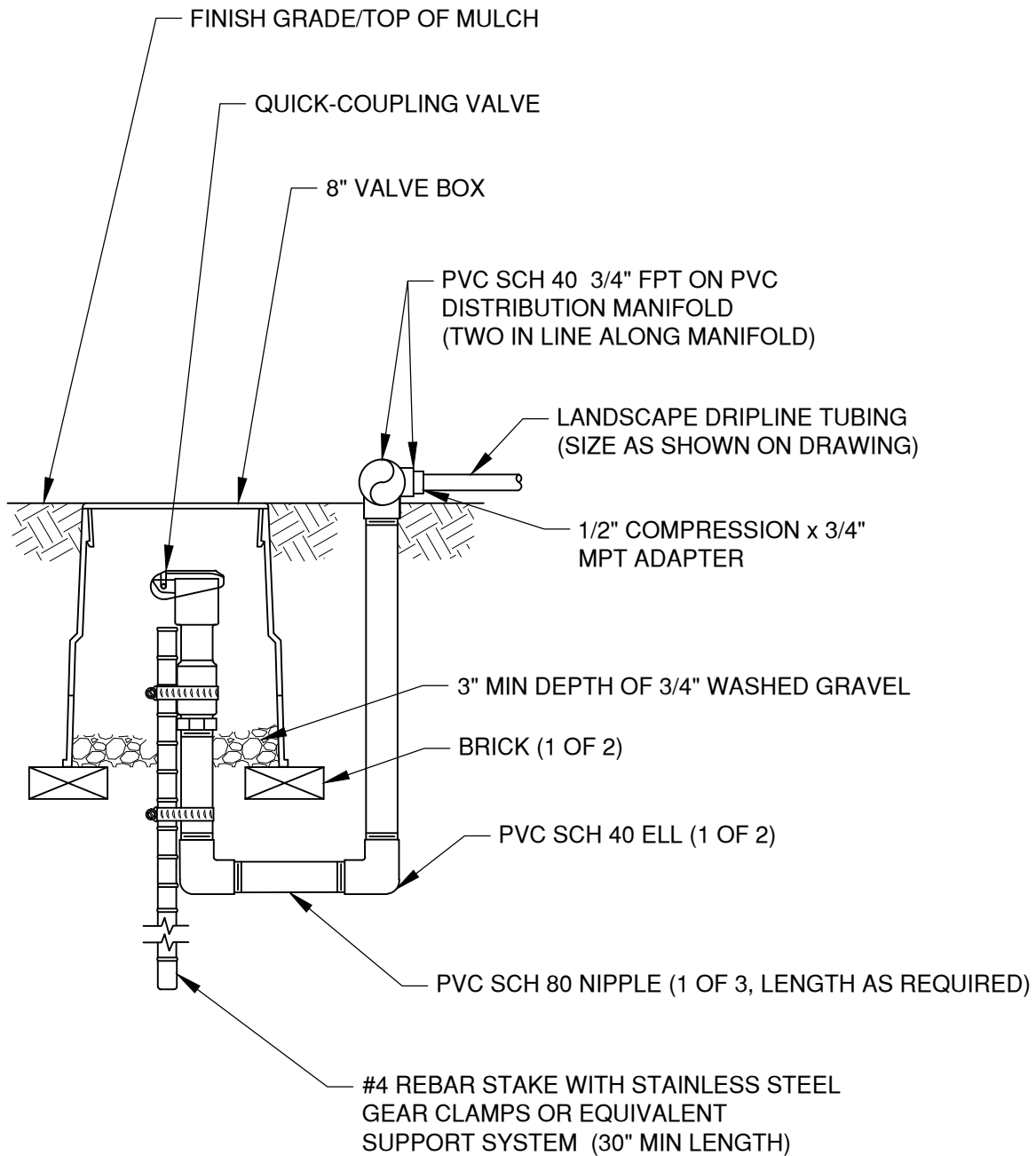
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DATE 01/31/2022

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STD DWG L-16





NOTES:

1. FURNISH FITTINGS AND PIPING NOMINALLY SIZED IDENTICAL TO NOMINAL QUICK COUPLING VALVE INLET SIZE

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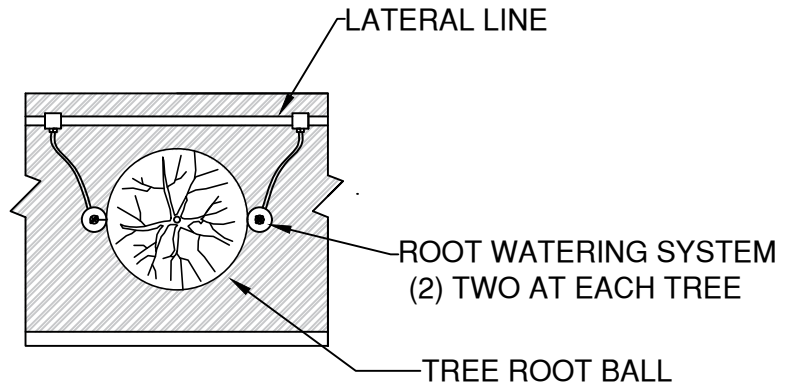
SCALE NTS

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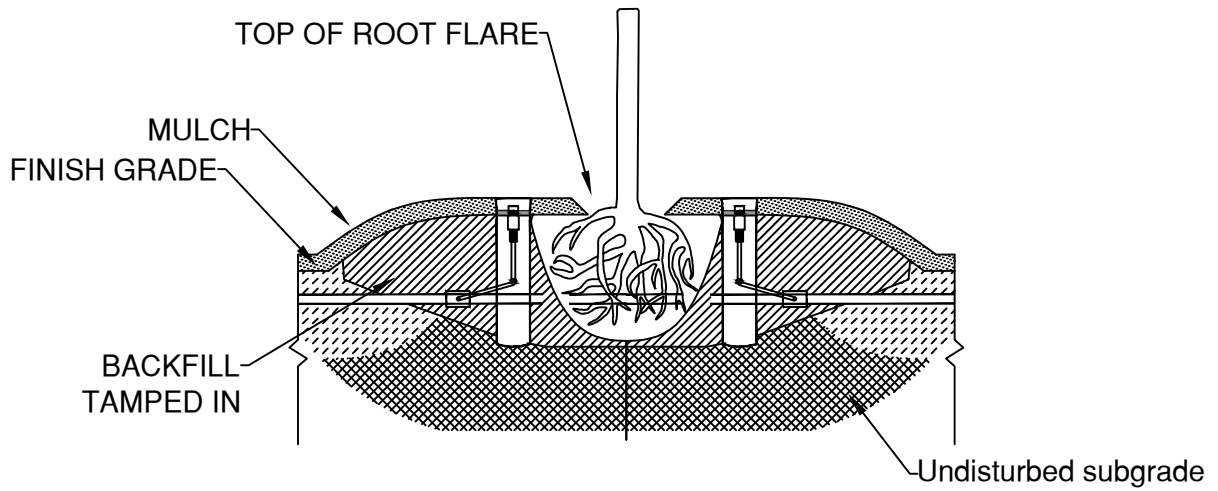
APPR

STD DWG L-17

LANDSCAPE DRIPLINE FLUSH POINT POTABLE SYSTEM



PLAN



SECTION

NOTES:

1. POSITION UNITS SPACE AROUND ROOT BALL OF TREE
2. INSTALL UNITS SO TOP OF RWS (RAIN BIRD RWS-BCG) IS EVEN WITH GROUND SURFACE. LIMIT RWS TO NO DEEPER THAN BOTTOM OF ROOT BALL

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REV	DATE



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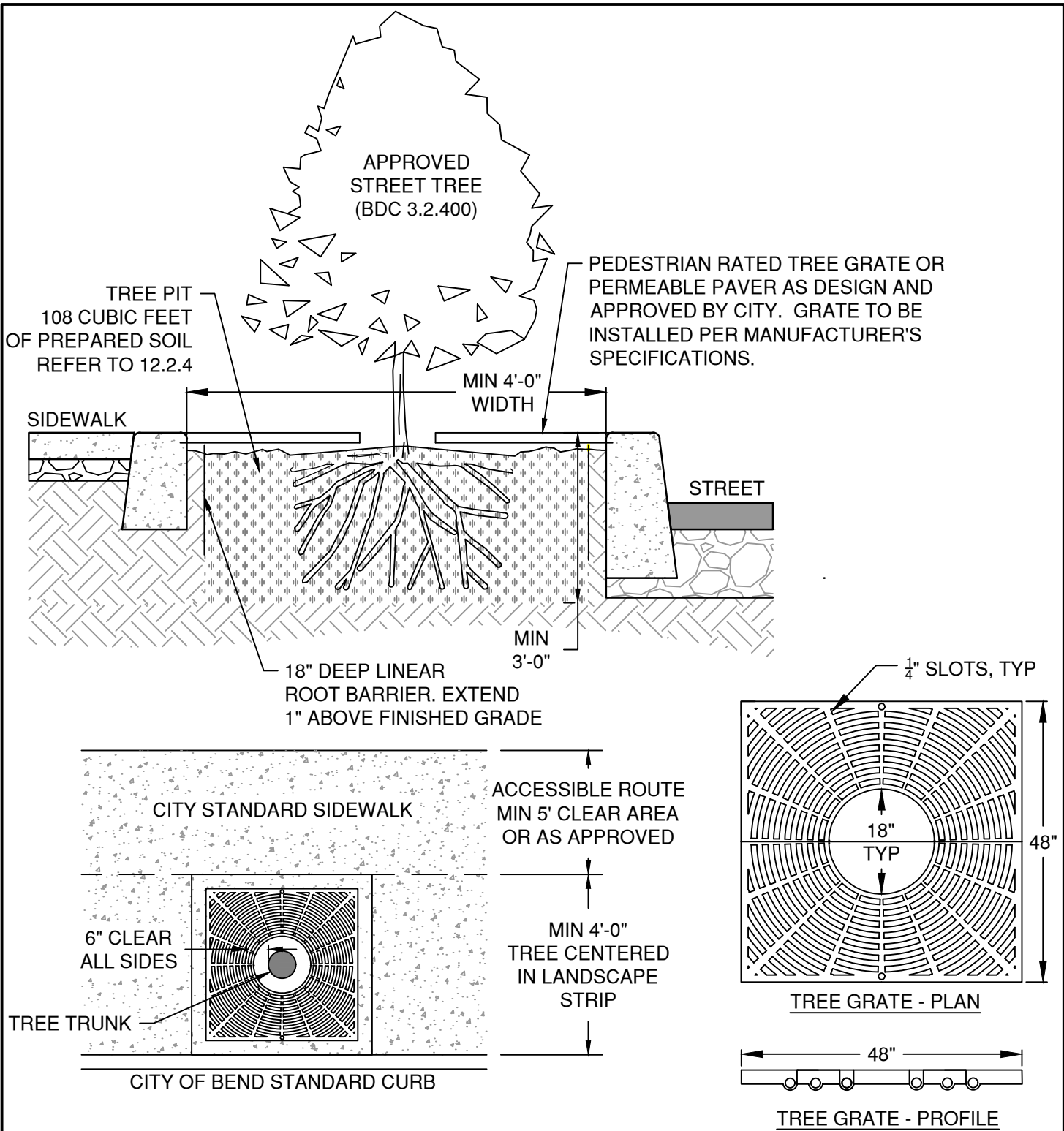
TREE ROOT WATERING SYSTEM DETAIL

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DATE 01/31/2022

APPR

STD DWG L-18



NOTES:

1. MINIMUM TREE WELL DIMENSIONS DICTATED BY BEND DEVELOPMENT CODE 12.2.4.1.
2. VEGETATION WITHIN THE TREE WELL SHALL HAVE DRIP SYSTEM IRRIGATION INSTALLED PER L-18.
3. TREE GRATE SHALL BE EJ 8954 PLAZA SET, OR APPROVED EQUAL.

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TREE WELL DETAIL

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APPR
STD DWG L-19