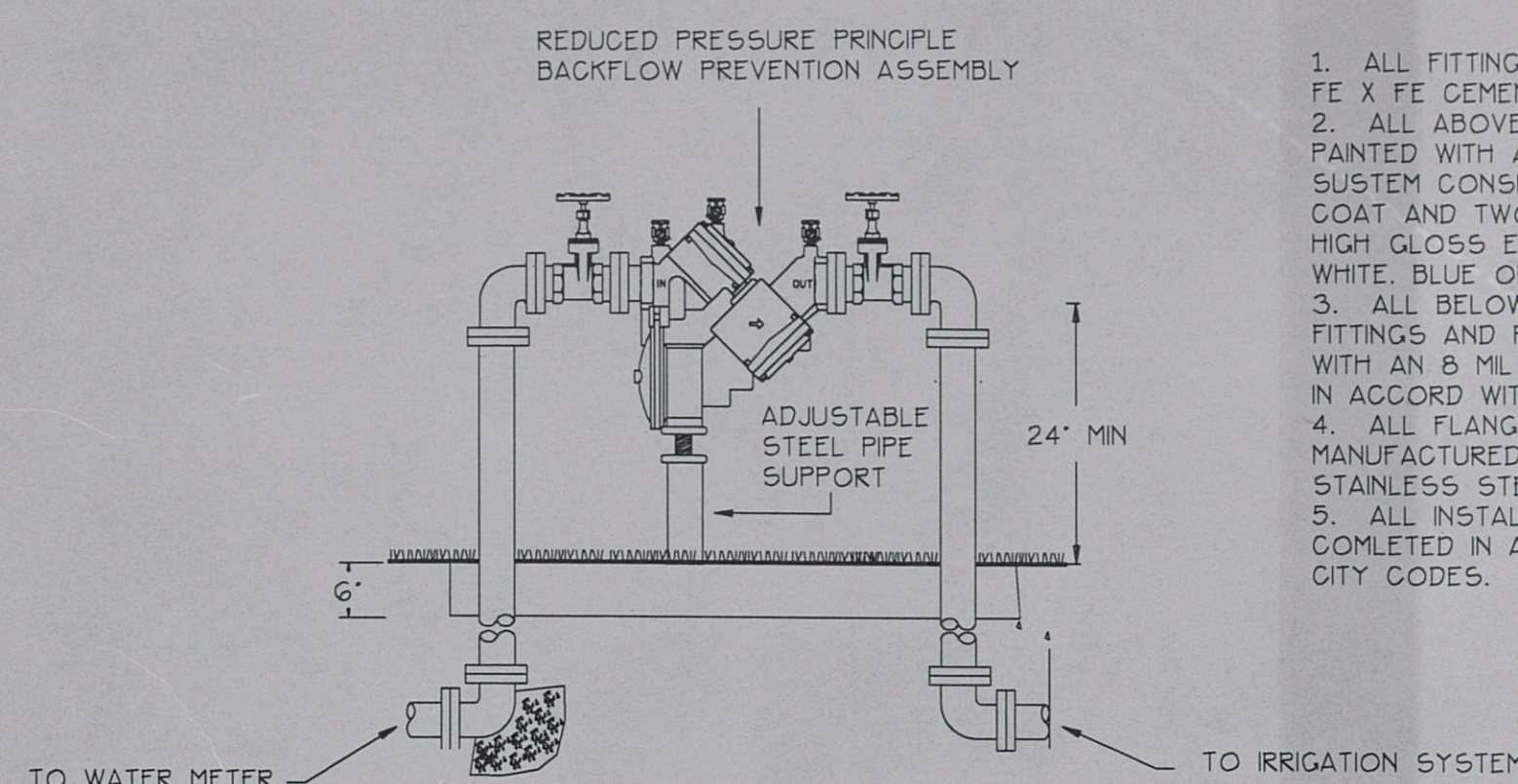


## IRRIGATION NOTES:

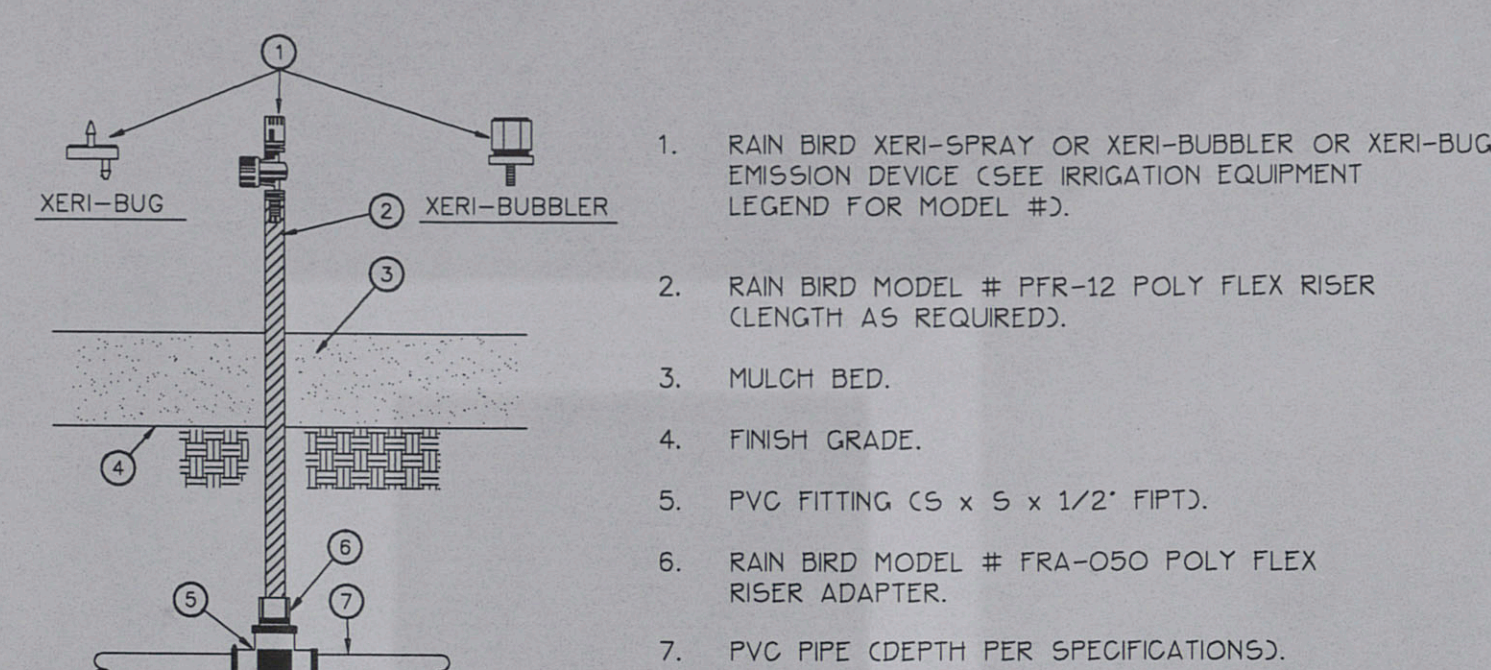
1. Heads and valve boxes shall be black in color.
2. Sprinkler line layout is diagrammatic - adjust head and line location with approval of Landscape Architect, to accommodate existing job conditions.
3. All sprinkler heads shall be set perpendicular to finished grade, unless otherwise noted.
4. Refer to landscape plans for correct plant and tree location.
5. Avoid existing or future tree root balls when trenching. In shrub beds bury lines deep enough to avoid shrub root balls.
6. The irrigation contractor shall flush and adjust all sprinklers and valves for optimum coverage with minimal overspray onto walks, streets, etc.
7. The irrigation contractor shall not willfully install the sprinkler system as shown when it is obvious in the field that obstructions, grade differences or differences in dimensions exist that might not have been brought to the attention of the Landscape Architect. In the event this notification is not performed, the irrigation contractor shall assume full responsibility for any necessary revisions.
8. The Contractor shall procure all permits and license, pay all charges and fees and give all notices necessary for completion of the work.
9. Extreme care shall be exercised in excavating and working near existing utilities. The Contractor shall verify the location and condition of all utilities and be responsible for damage to any utilities.
10. The Contractor shall clearly mark all exposed excavations, materials and equipment.
11. The Contractor shall verify minimum operating pressure of 55 PSI at the source. Notify the Landscape Architect immediately if anticipated pressure is not available.
12. All control wire shall be direct burial 600 volt, single conductor solid copper, plastic insulated cable rated for direct burial applications, ULUF approved 14 gauge (minimum) hot and common ground wire. Two (2) extra wires shall be installed from controller to farthest valve in each direction.

## LEGEND

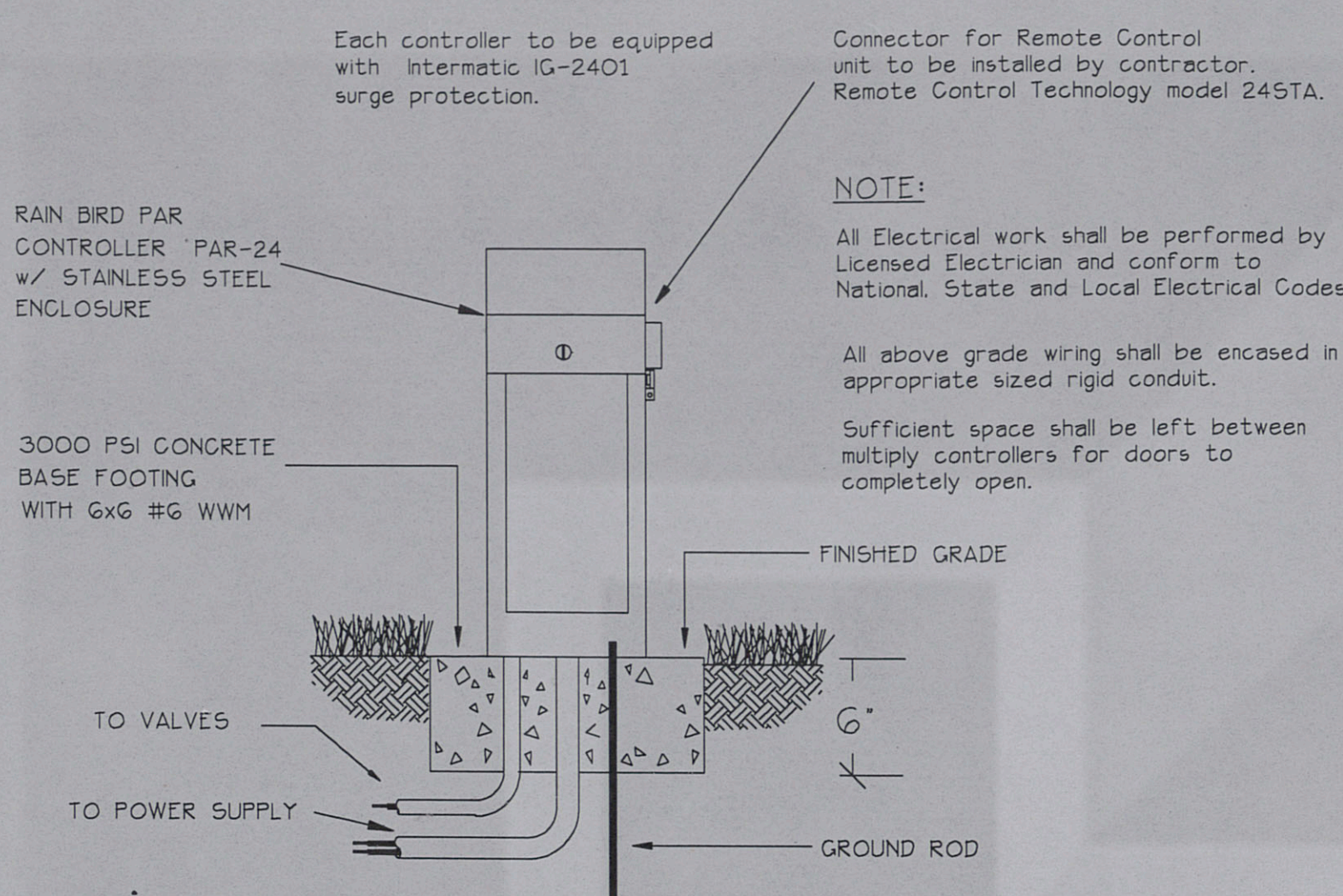
- Rain Bird 1804 w/ 15 F.H.Q. MPR Plastic nozzle
- Rain Bird 1804 w/ 12 F.H.Q. MPR Plastic nozzle
- ◻ Rain Bird 1804 w/ 10 F.H.Q.-LA MPR Plastic nozzle
- ◻ Rain Bird 1812 w/ 15 F.H.Q. MPR Plastic nozzle
- ◻ Rain Bird 1812 w/ 12 F.H.Q. MPR Plastic nozzle
- ◻ Rain Bird 1812 w/ 10 F.H.Q.-LA MPR Plastic nozzle
- ◻ Rain Bird 1812 w/ XERI-SPRAY X5360/X5180/X590
- ◻ Rain Bird XERI-BIRD B on sch 80 PVC riser
- ◻ Rain Bird XERI-BUBBLER on Poly Flex riser
- ▲▲▲ Rain Bird T-Bird T-GO-F/3.0-H/1.5Q
- ▲▲ Rain Bird T-4-FC/PG-T30-5.0 F/2.5 H/1.3 QCT-Bird
- ▲▲▲ Rain Bird T-4-FC/PG-T22-2.5 F/1.3 H/1.65 Q (T-Bird)
- ⊗ Check Valve
- ⊗ Rain Bird PEB Series Drip Zone with Pressure Regulator and Filter
- ⊗ Rain Bird PEB Series Valve - size as noted on plan
- ⊗ Rain Bird #33DRG Quick Coupling Valve
- ⊗ Line Size Gate Valve
- ⊗ Back Flow as shown on Plan
- ⊗ Water Meter - As shown on plan
- ⊗ Controller - Rain Bird PAR-245S with Remote Adapter
- Schedule 40 PVC Main Line - size as shown on plan
- Class 200 PVC Lateral Line - size as shown on plan
- Existing sch 40 PVC sleeve installed by others
- Size as noted on plans
- ⊗ GPM's
- ⊗ Valve Controller/Station Number
- ⊗ Valve Size



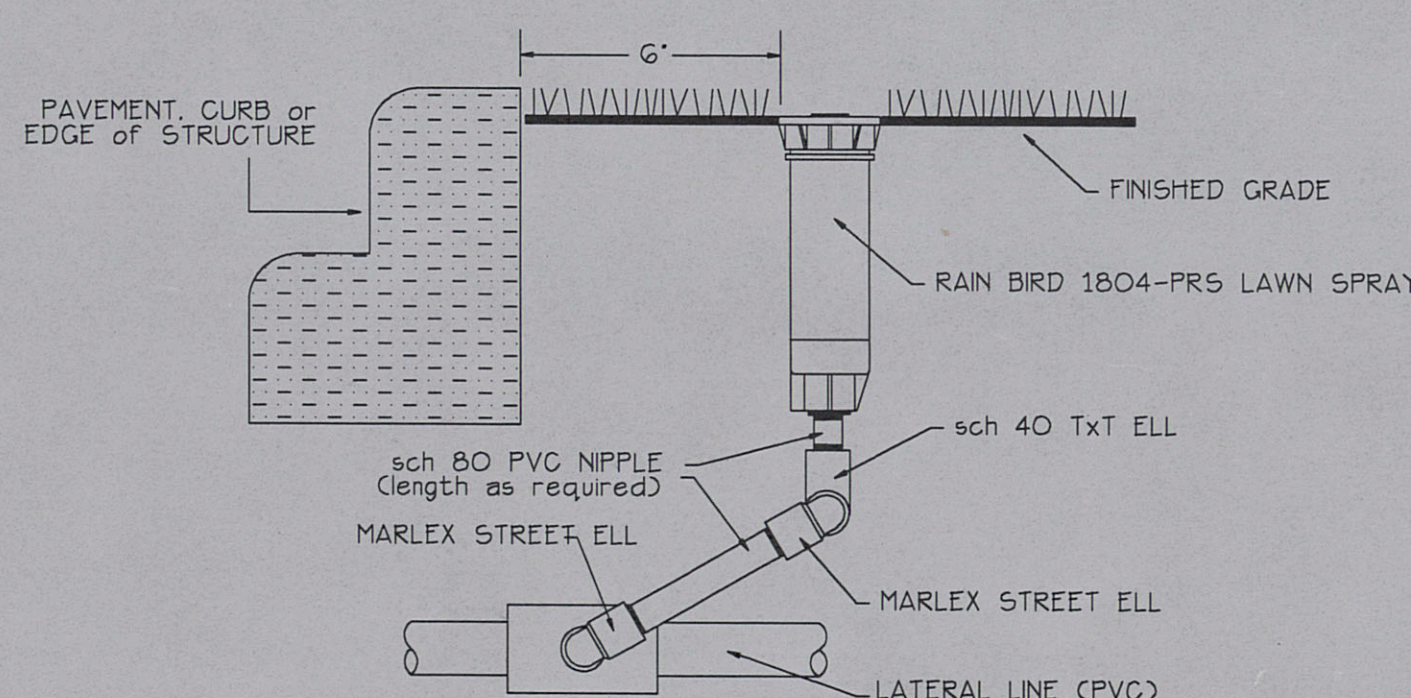
1 BACKFLOW DEVICE  
NOT TO SCALE



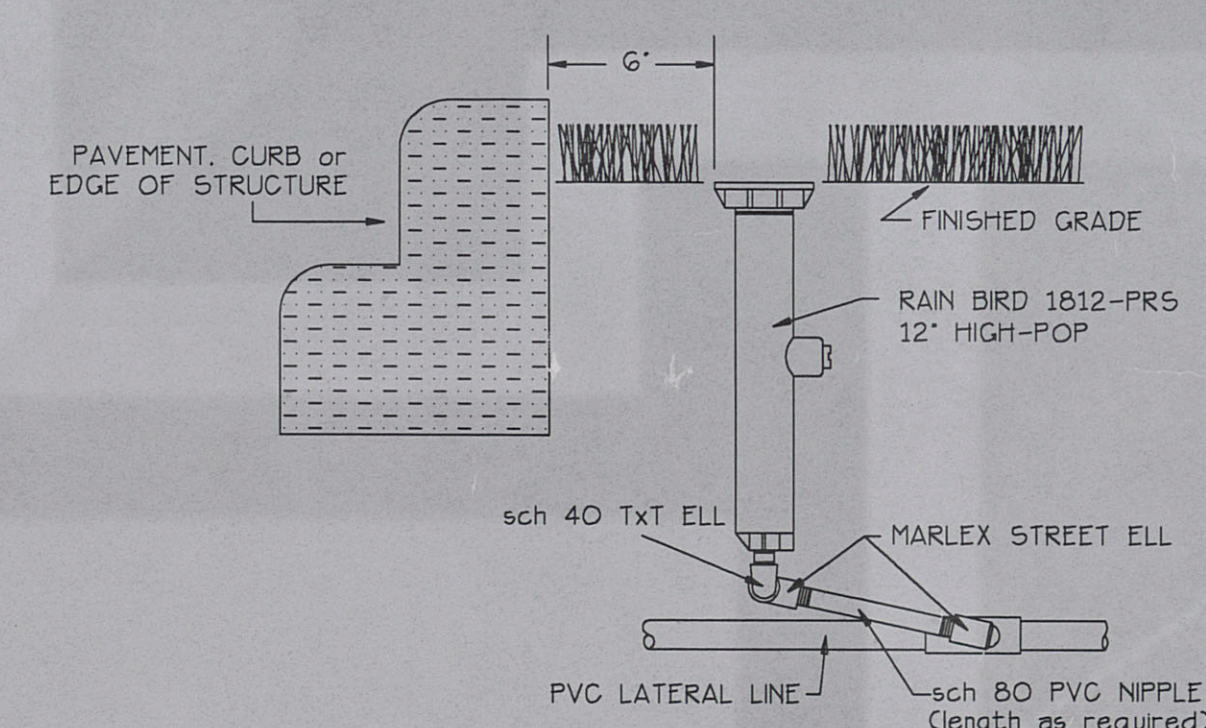
2 XERI-SPRAY™ or XERI-BUBBLER™  
NOT TO SCALE



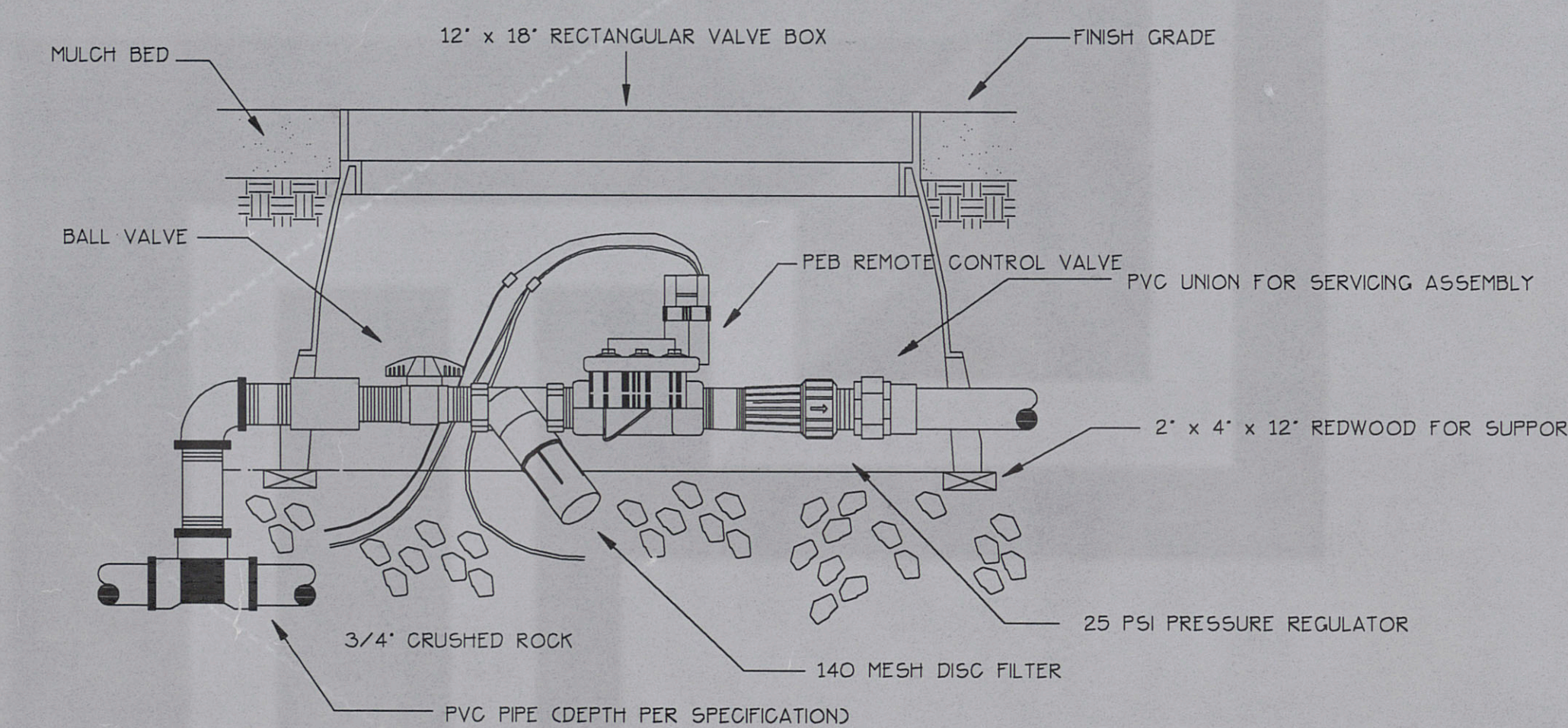
3 CONTROLLER  
NOT TO SCALE



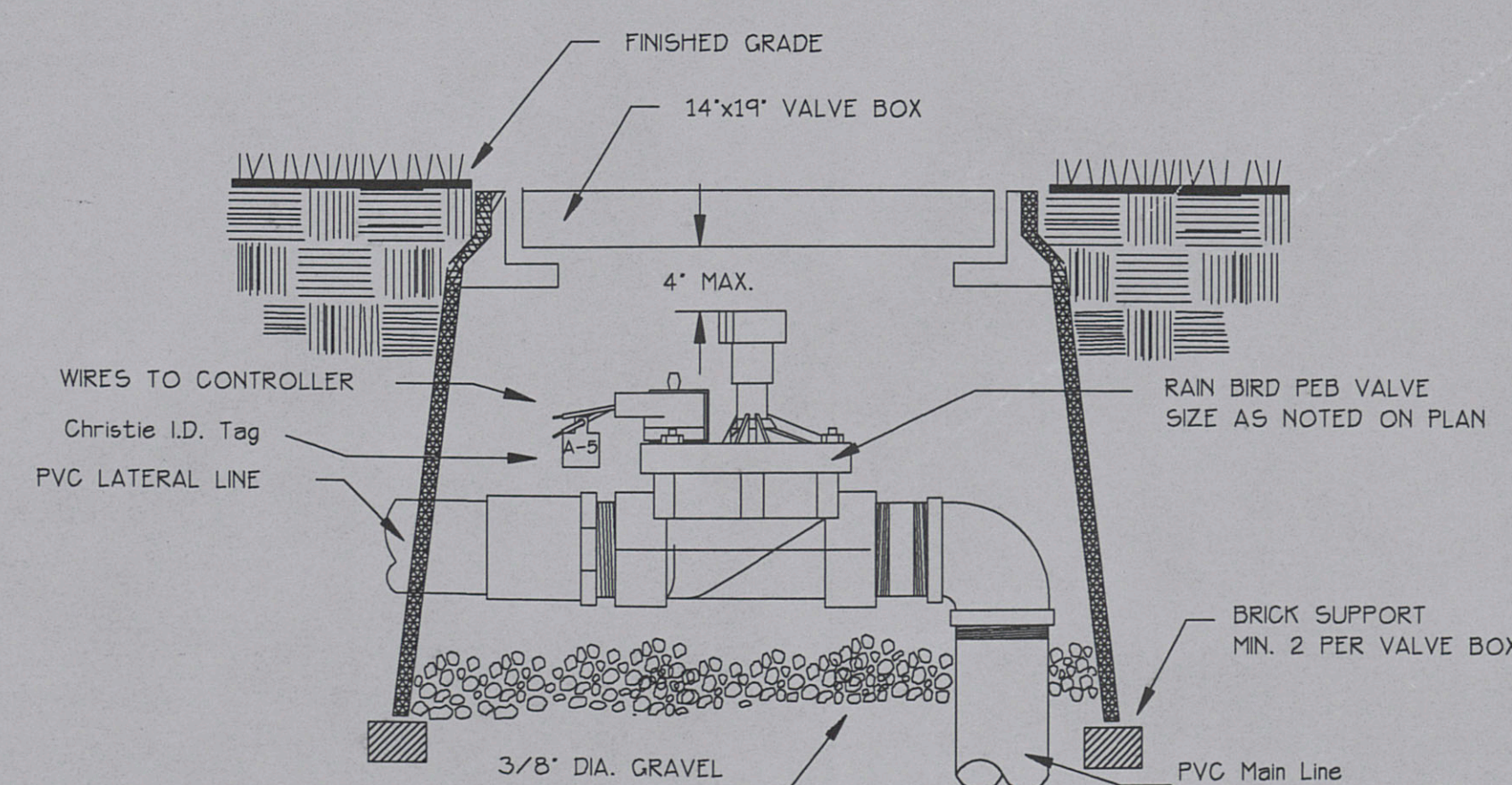
4 LAWN SPRAY HEAD  
NOT TO SCALE



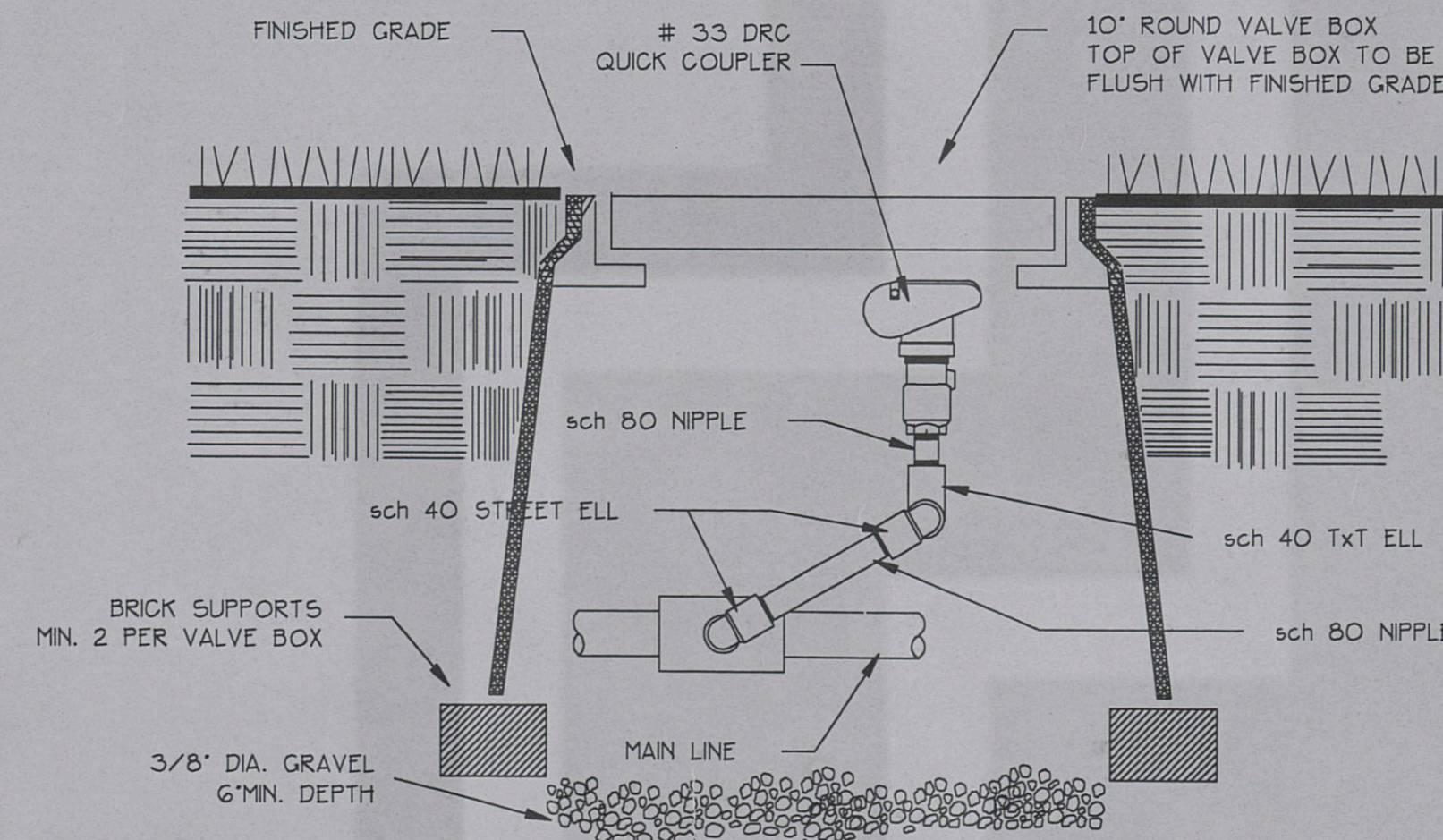
5 HIGH-POP SPRAY HEAD  
NOT TO SCALE



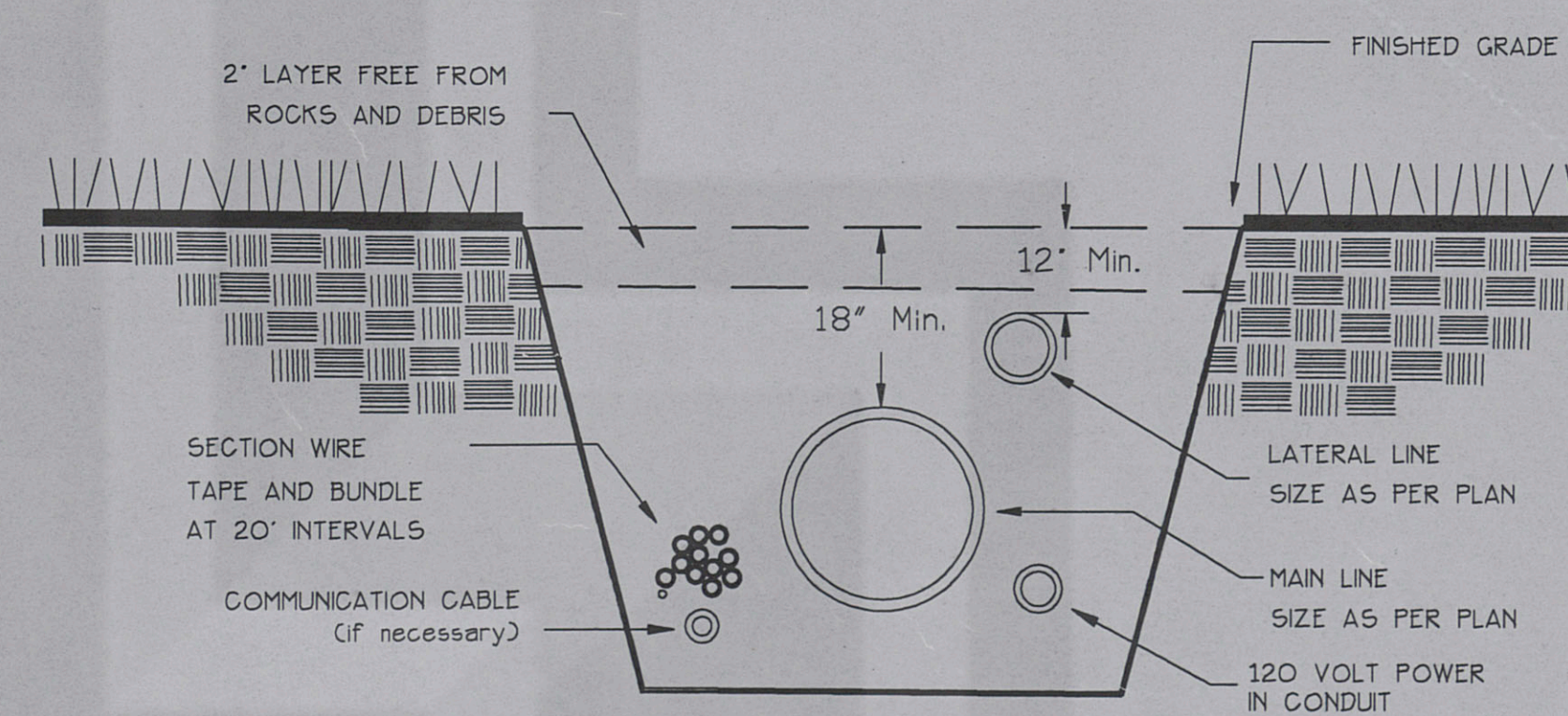
6 DRIP ZONE  
NOT TO SCALE



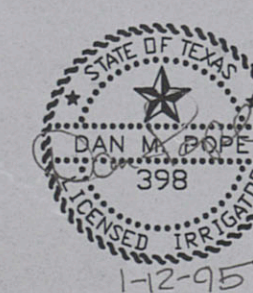
7 REMOTE CONTROL VALVE  
NOT TO SCALE



8 QUICK COUPLING VALVE  
NOT TO SCALE



9 TRENCH  
NOT TO SCALE



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## NATIONAL WILDFLOWER RESEARCH CENTER

LANDSCAPE  
IRRIGATION DETAILS

Project No. 94-22  
Drawn DMP

Approved  
Sheet No.

LI-7

1/12/95

WFDET-DWG