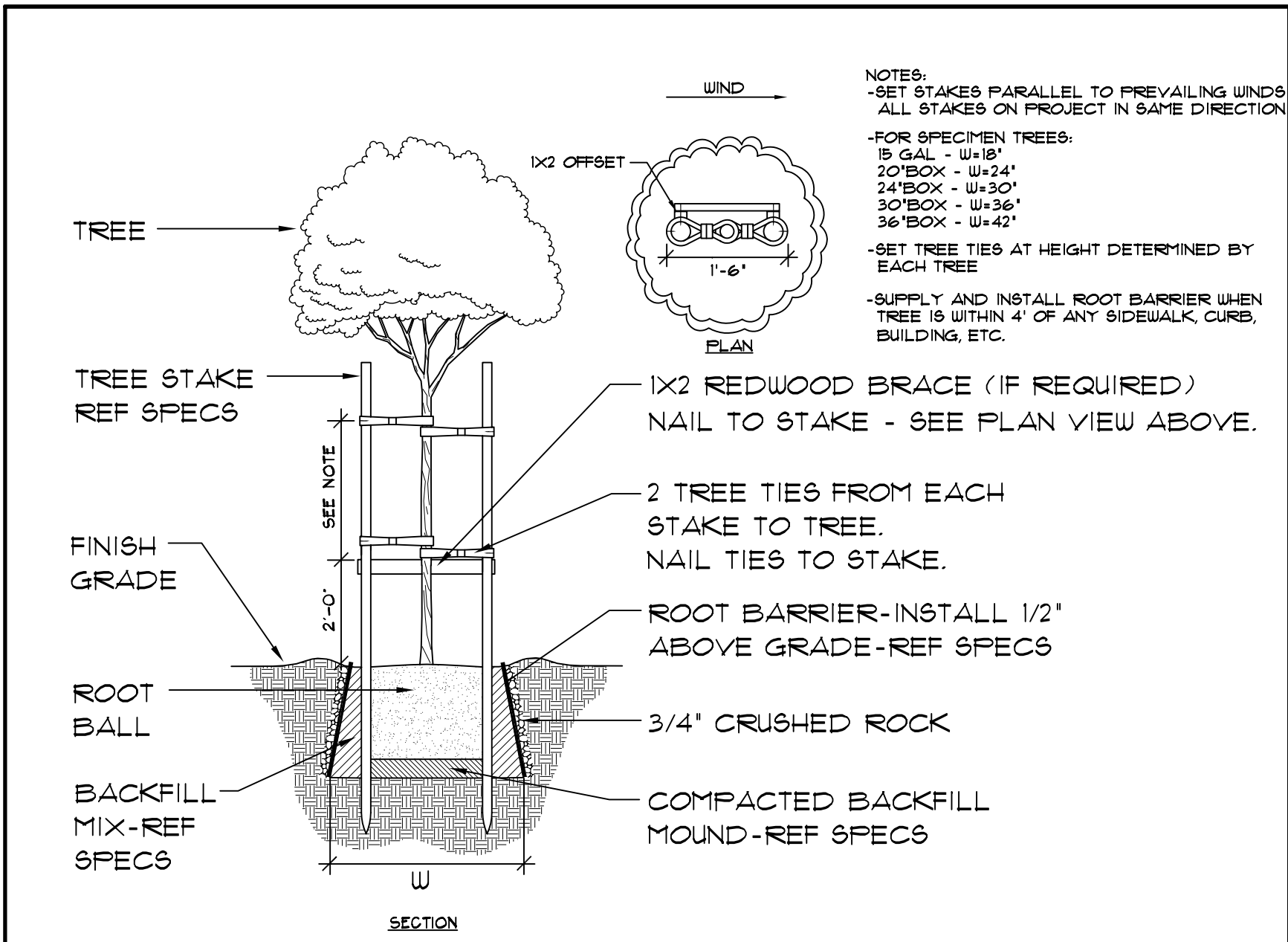


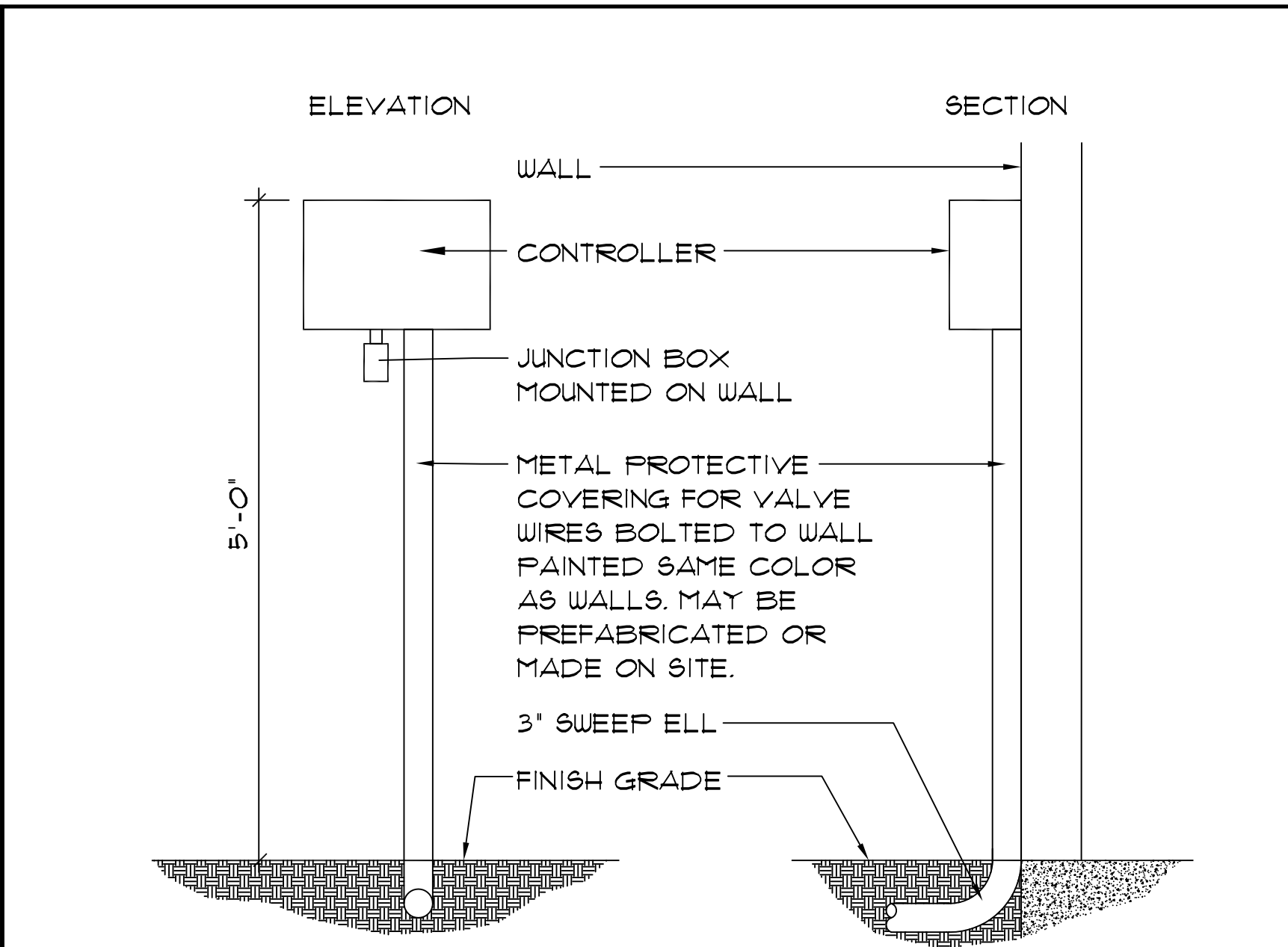
IRRIGATION NOTES:

- System design based on the following
A. 56 Min PSI, 72 Max PSI static pressure according to Happy Doojibulpol, City of LA
B. 1" water meter
C. Available GPM = 38 GPM
- The contractor shall verify the locations of all existing utilities, structures, and services before commencing work. The locations of utilities, structures, and services shown in these plans are approximate only. Any discrepancy between these plans and actual field conditions shall be reported to the owner or owner's representative.
- Location of lines and valves is diagrammatic only. Locate in planting areas wherever possible.
- Verify dimensions and make adjustments in system as required to provide head to head coverage.
- Contractor shall adjust arcs and radii of all heads for proper coverage.
- Controller - wall mount. Wire to ground in conduit. Connect to electrical source. Provide batteries. Outside

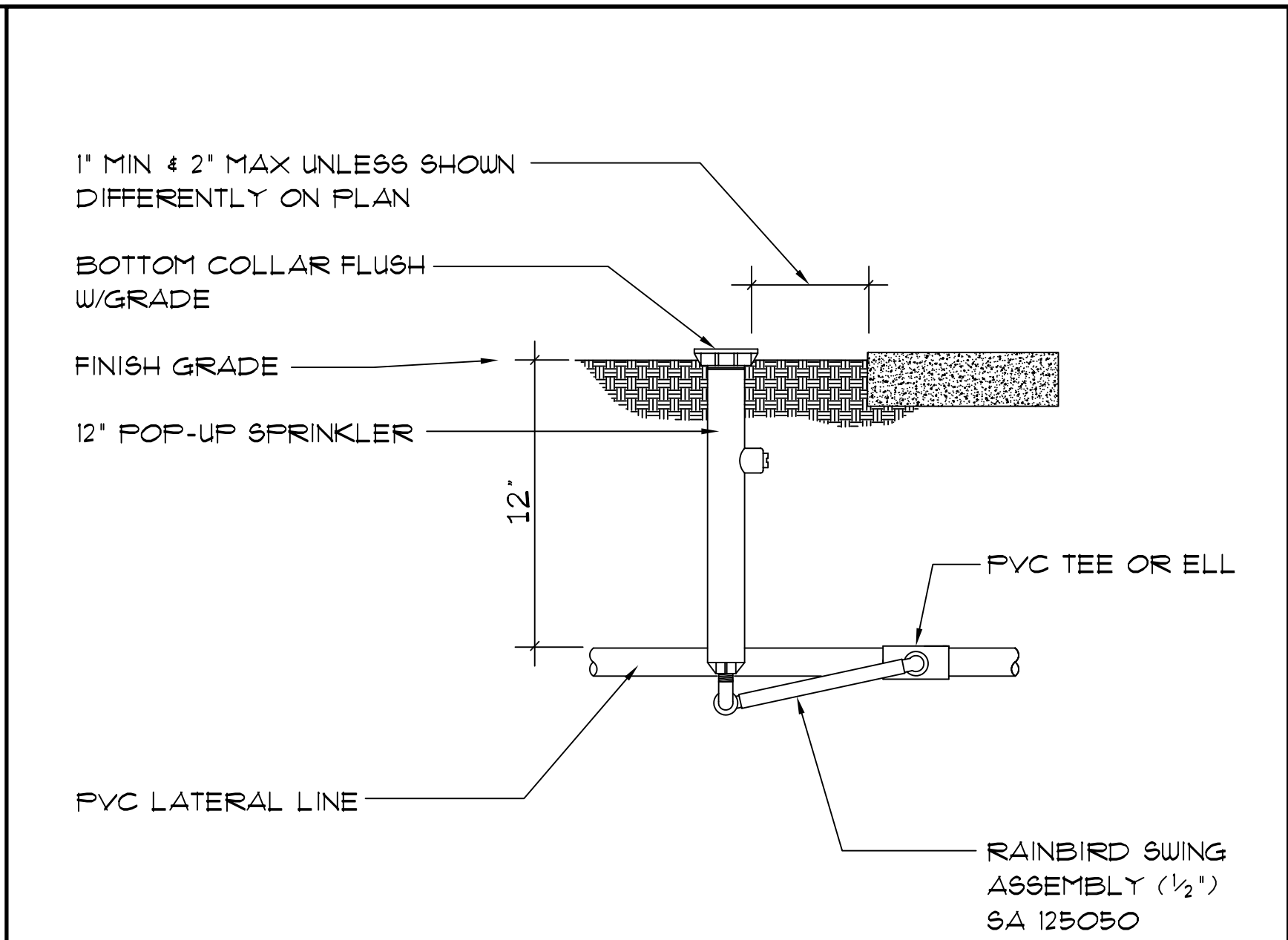
- Check valve shall be determined by grading plan (use if steep slopes). Contractor shall adjust location as required so that check valve are on low end of laterals.
- Contractor shall verify point of connection with owner.
- Connect into existing service line with line size ball valve.
- Refer to written specifications accompanying these plans.
- Heads shown on legend function only as key to plans. Refer to plans for actual installation requirements.
- Hand trench under drip line of existing trees if to remain.
- All pipe (pressure and non pressure lines) under paving (asphalt, AC, concrete etc.) shall be installed minimum of 24" below top of paving in class 160 PVC sleeves. Sleeves shall be twice the diameter of the pipe carried. All wire under paved areas to be installed in SCH 40 sleeve-sized to allow wire(s) to be easily pulled through.
- Contractor to provide an additional pilot wire from controller along entirety of main line to the last valve on each and every leg of mainline. Label spare wires at both ends.



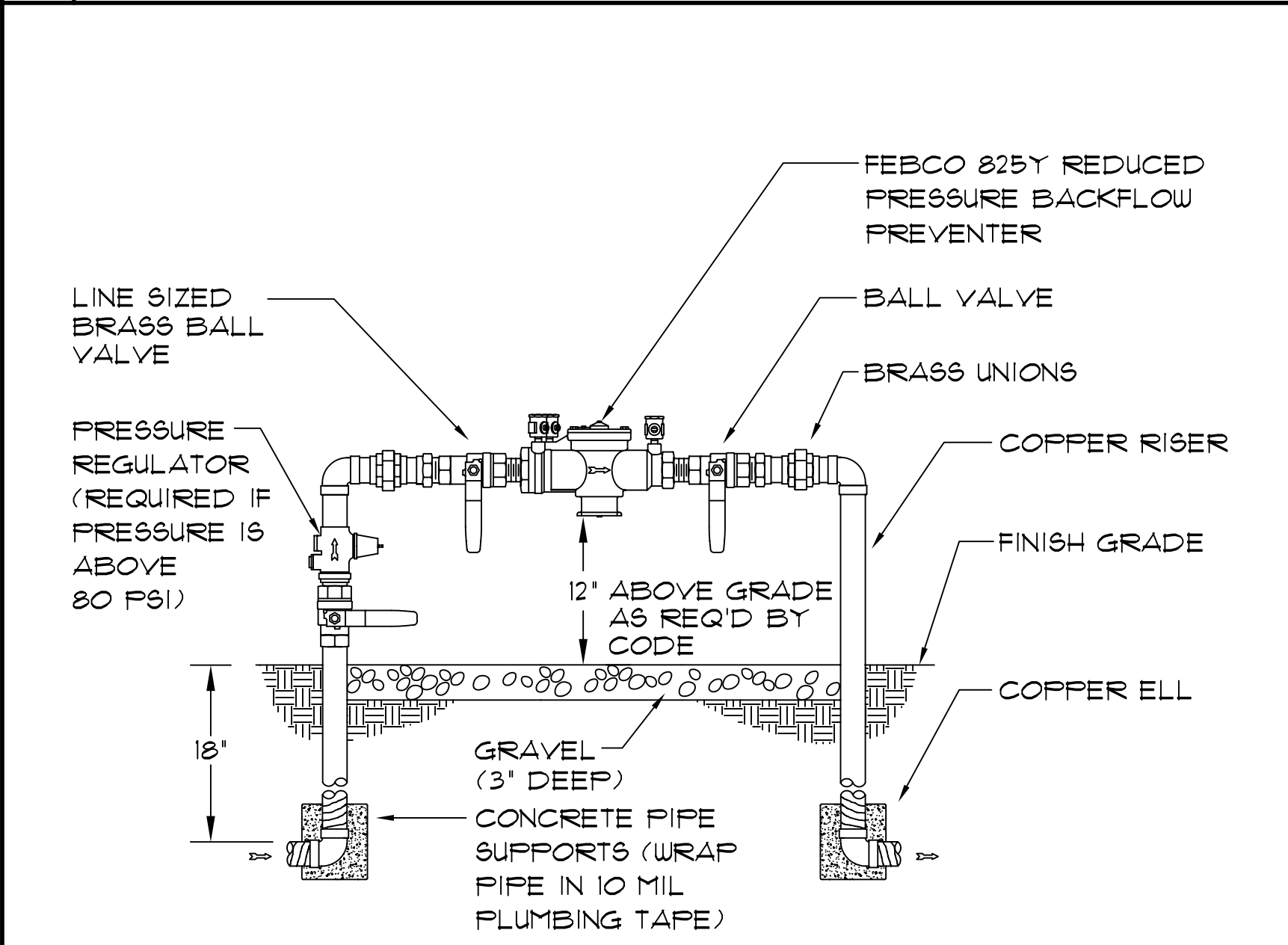
11 DOUBLE TREE STAKE W/ROOT BARRIER



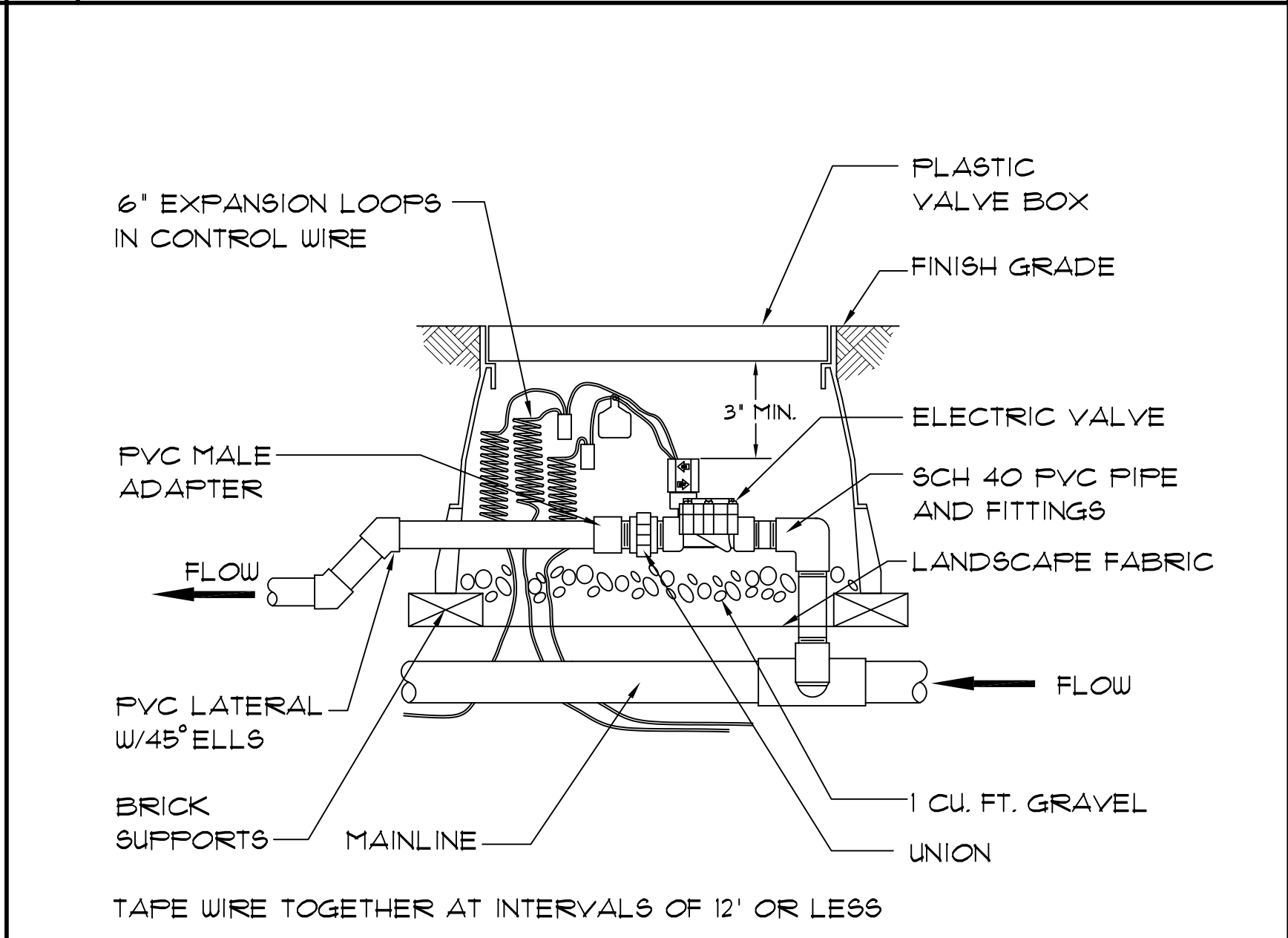
7 CONTROLLER-EXTERIOR WALL MOUNT



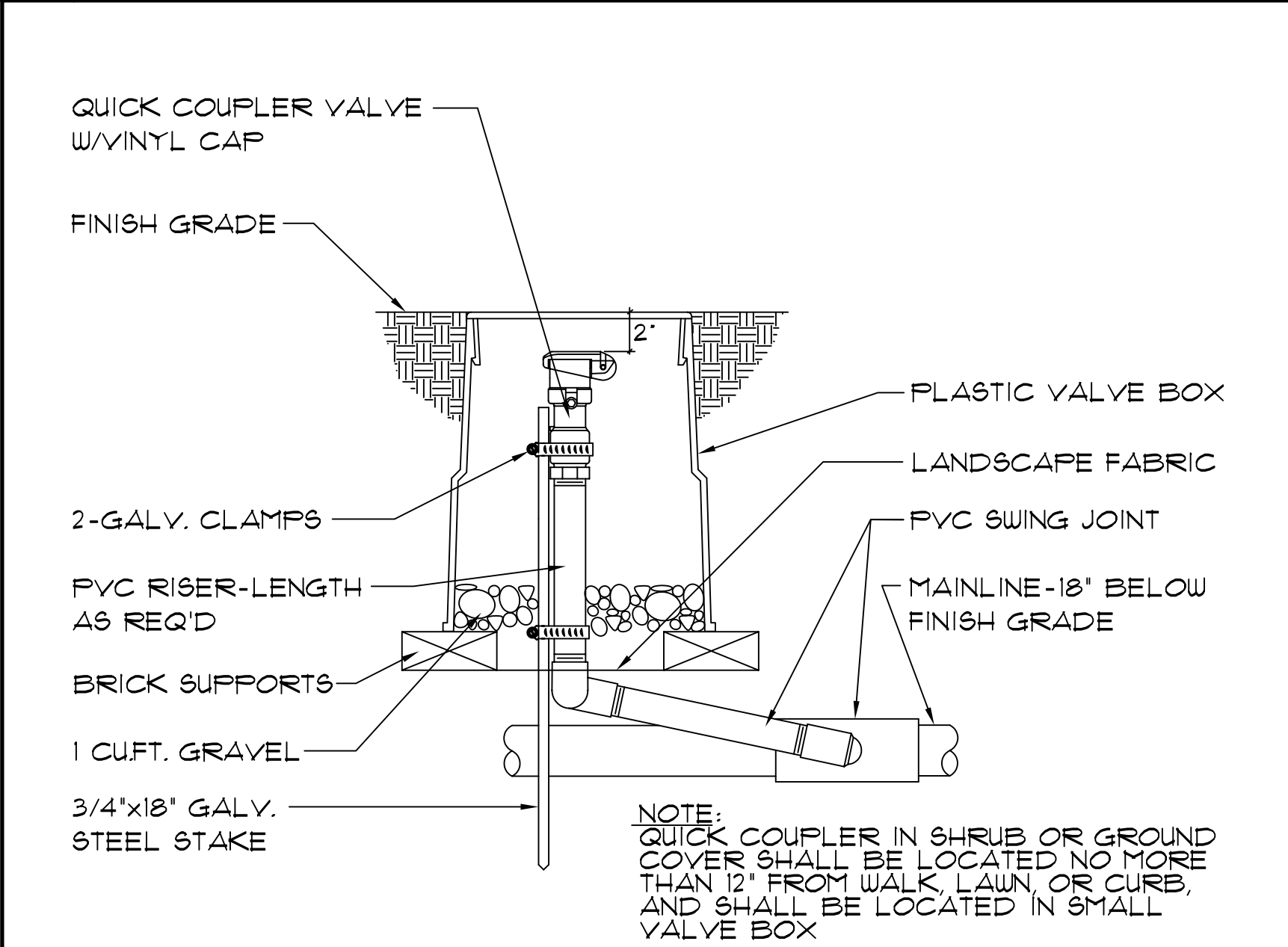
3 12" POP-UP HEAD



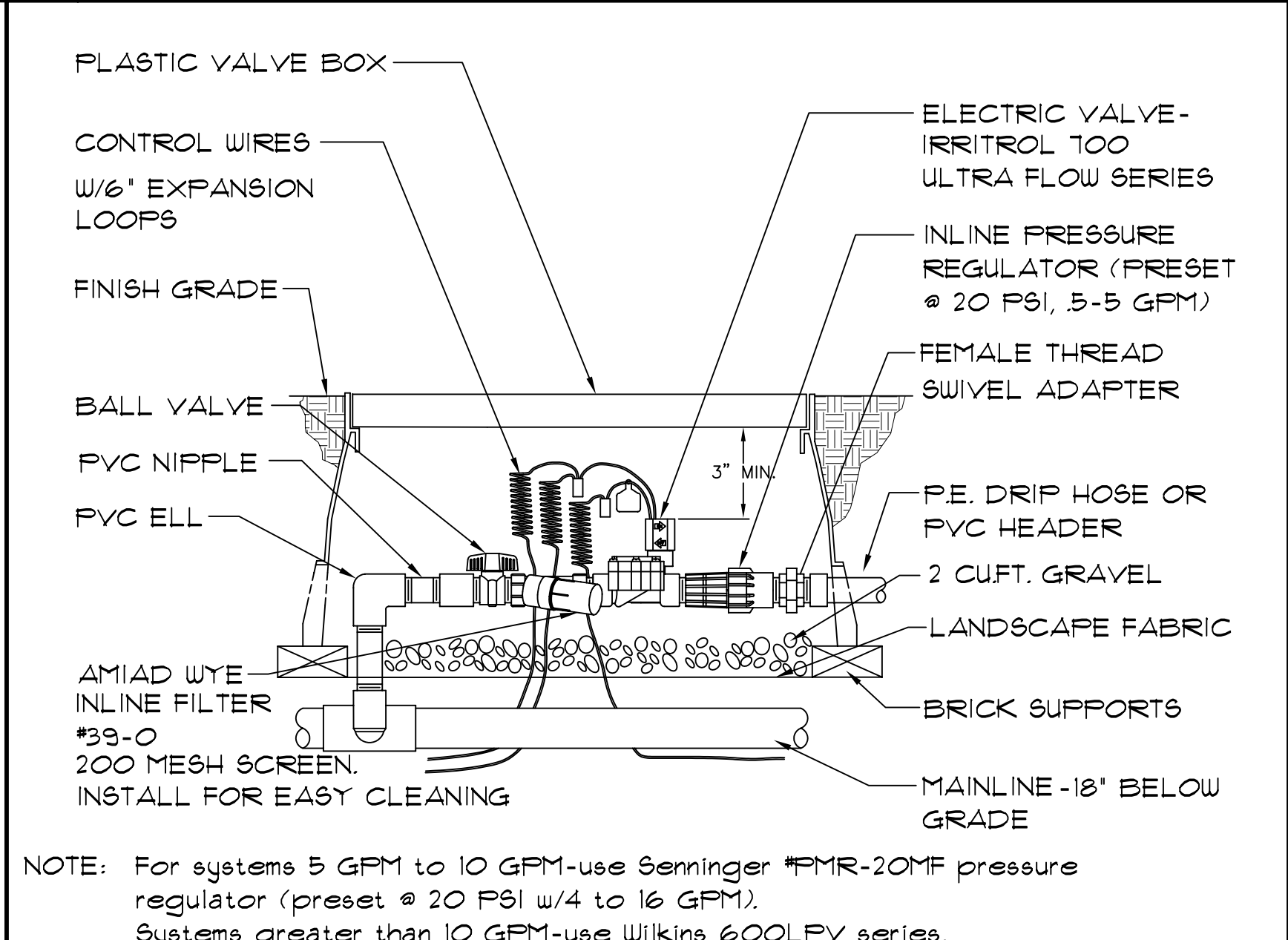
8 RP BACKFLOW PREVENTER



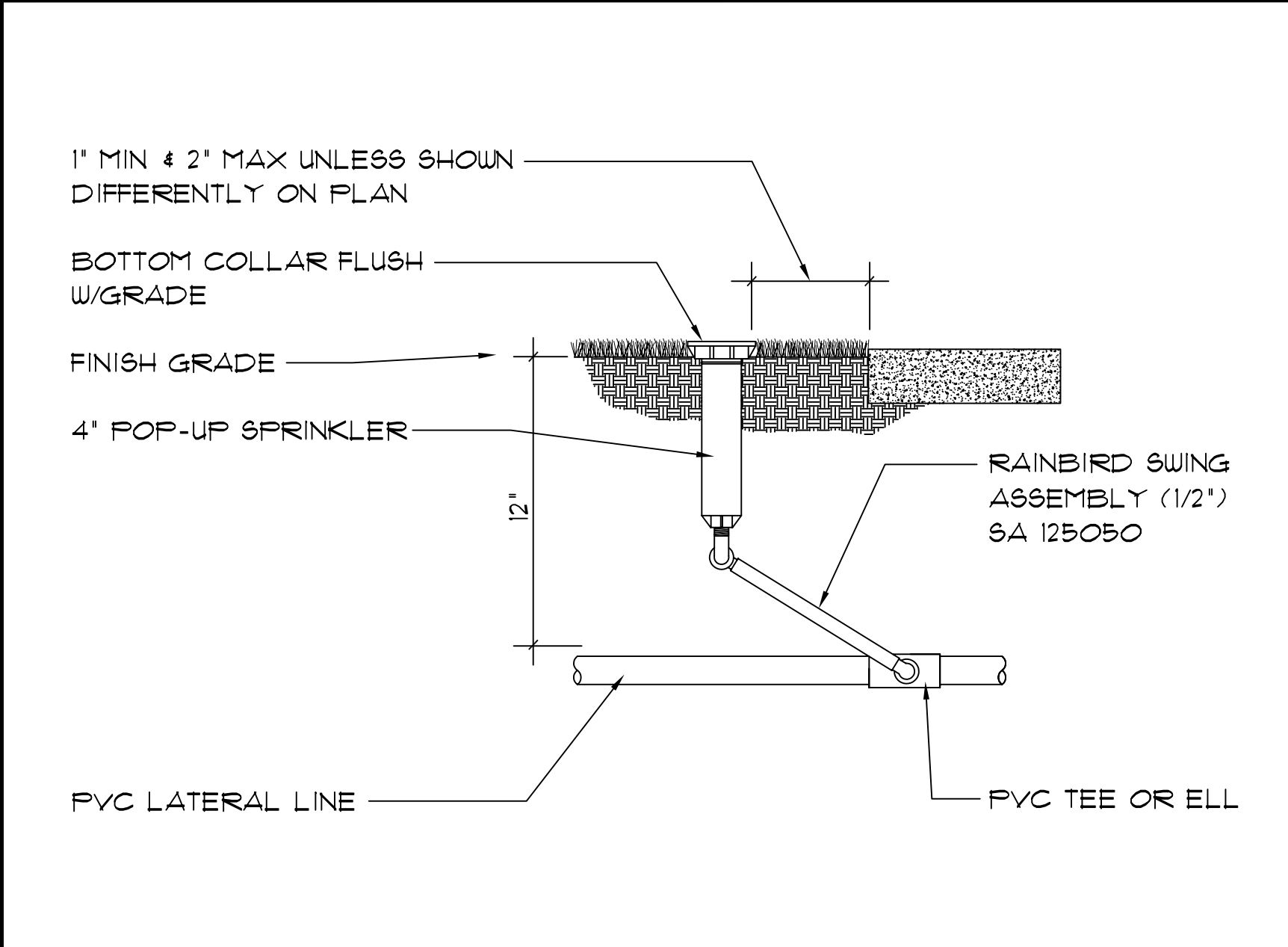
4 ELECTRIC VALVE



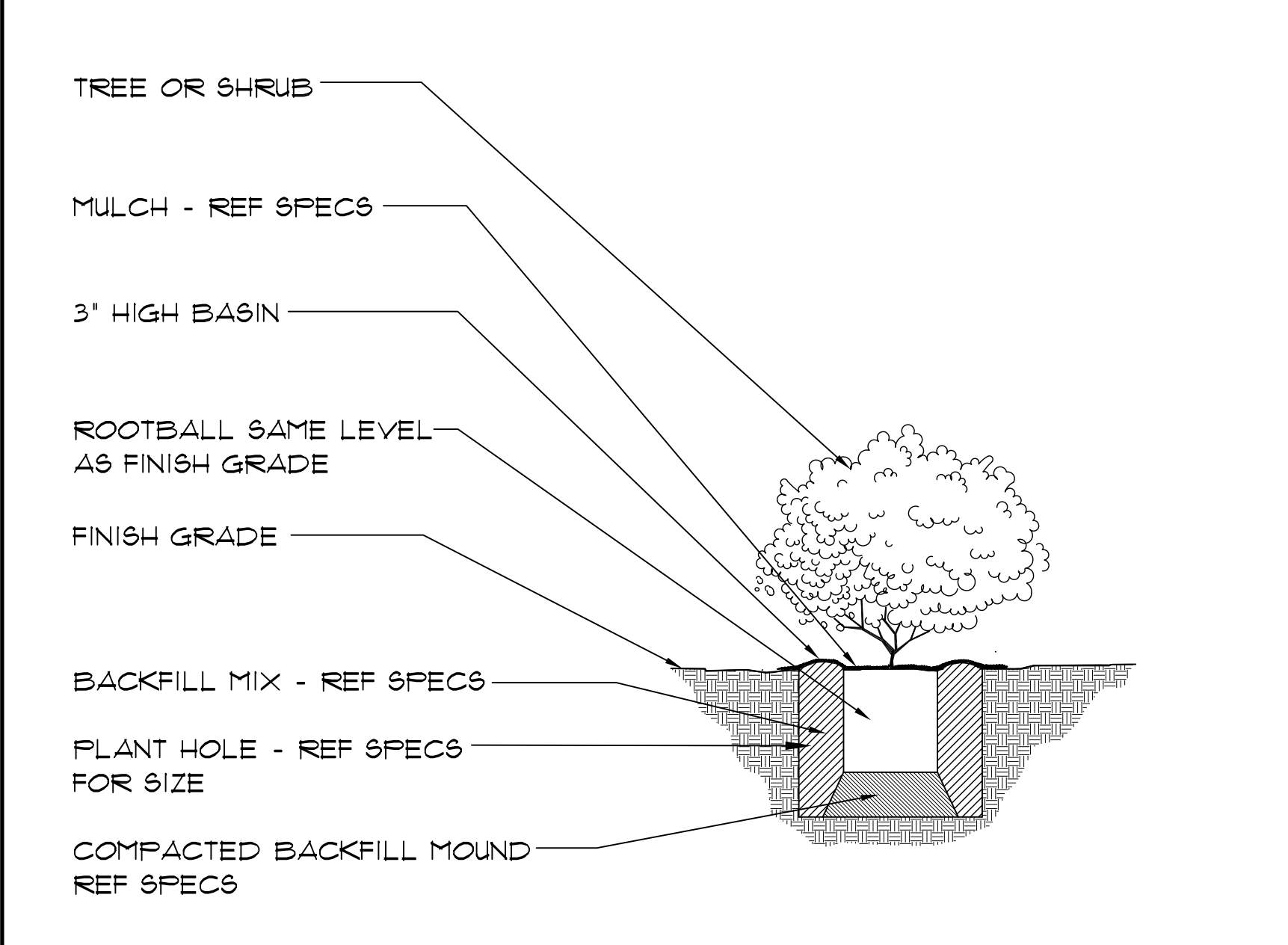
9 QUICK COUPLER - IN VALVE BOX



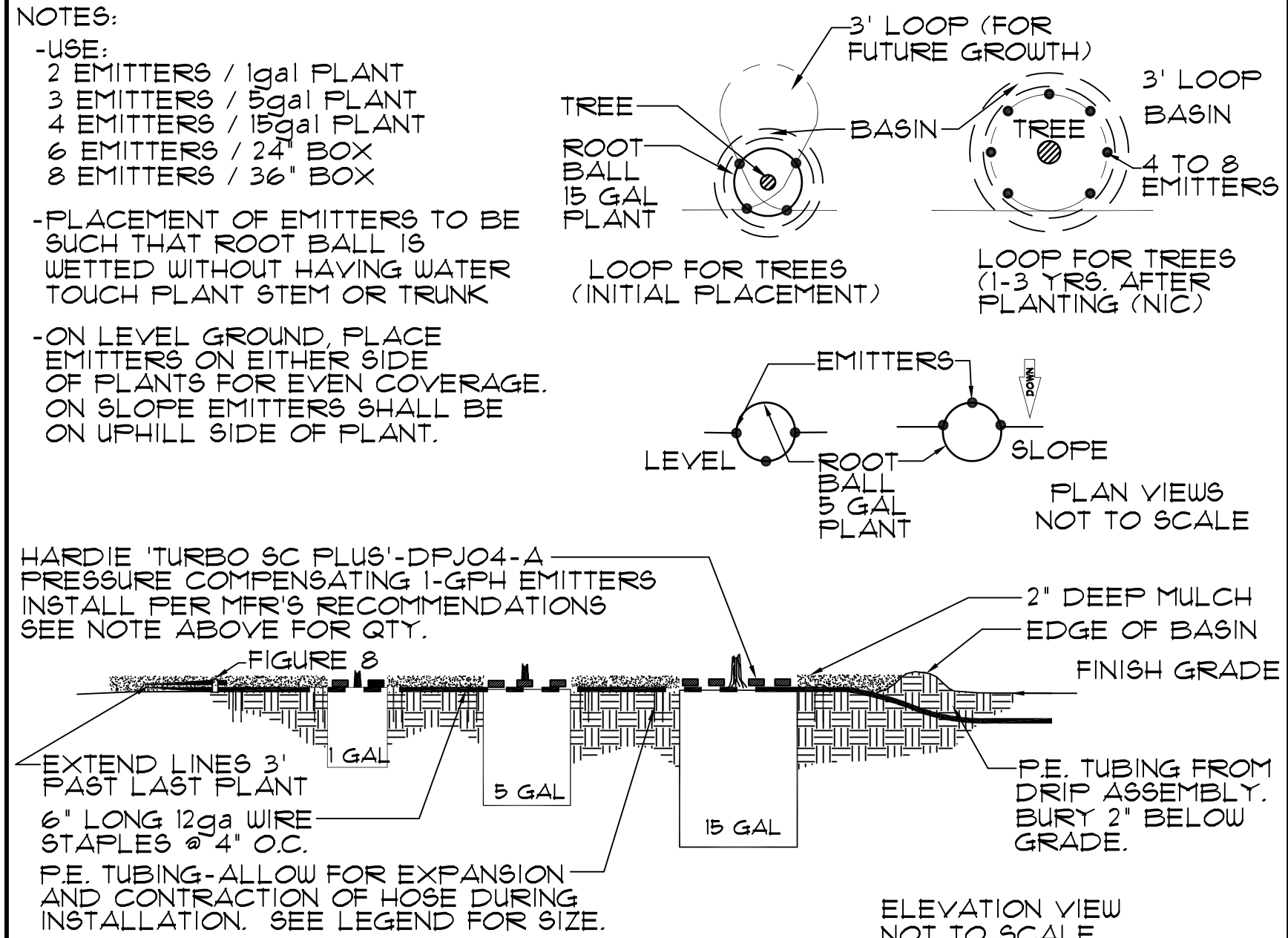
5 DRIP ASSEMBLY



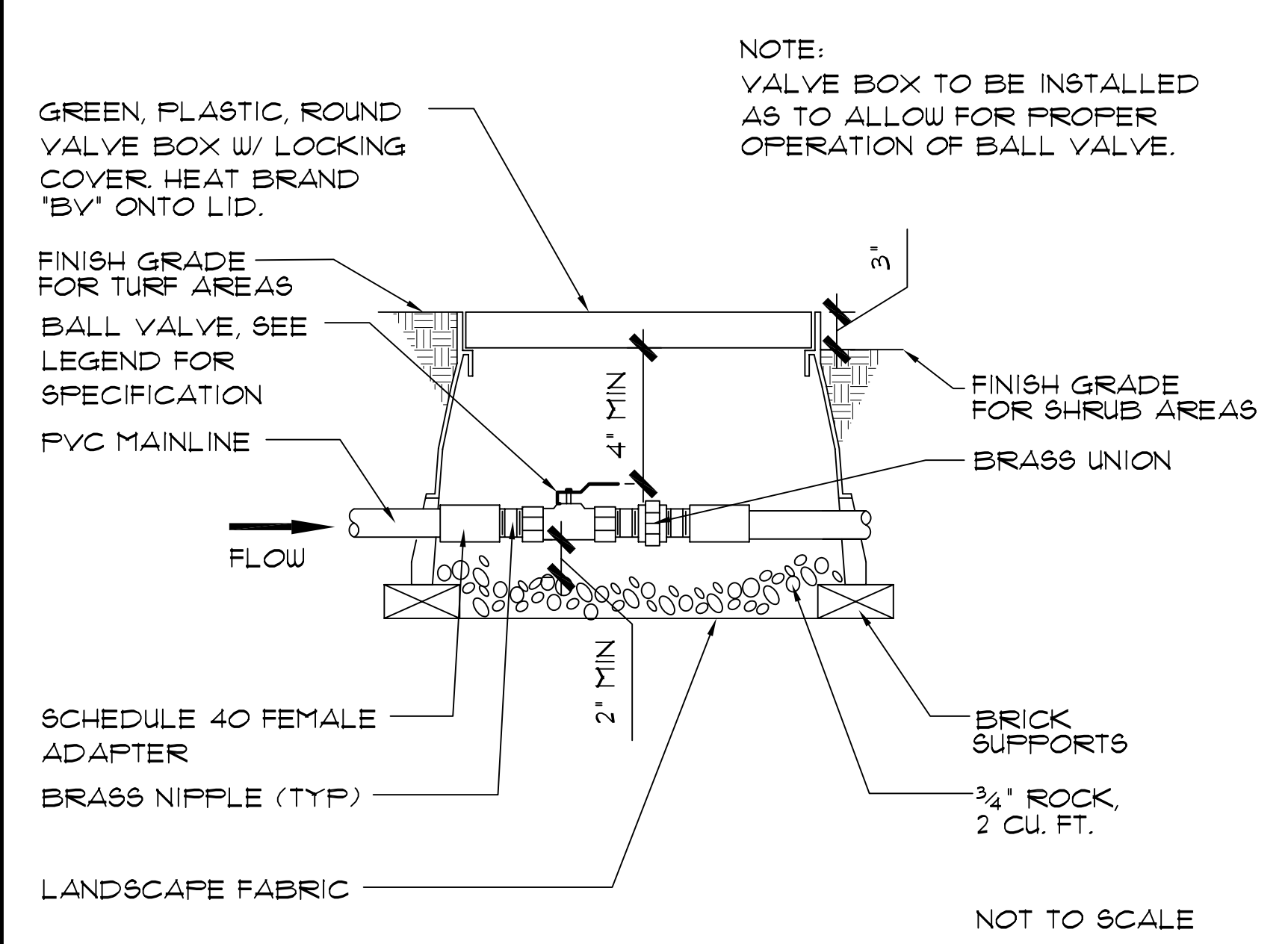
1 4" POP-UP HEAD



10 TREE OR SHRUB PLANTING



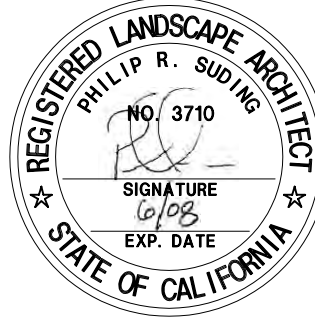
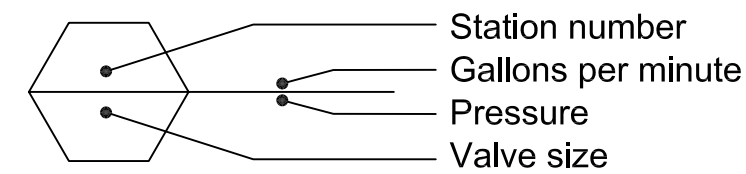
6 EMITTER (STD.)



2 BALL VALVE

IRRIGATION LEGEND:

SYMBOL	MANUFACTURER & NO.	DESCRIPTION	PSI	GPM	RADIUS
	RAINBIRD 1804-15Q-MPR	4" pop up spray sprinklers matched precipitation rate	30	.92	15
	RAINBIRD 1804-15H-MPR		30	1.85	15
	RAINBIRD 1804-8Q-MPR	4" pop up spray sprinklers, matched precipitation rate	30	0.26	8
	RAINBIRD 1804-8H-MPR		30	0.52	8
	RAINBIRD 1812-8Q-MPR	12" pop up spray sprinklers, matched precipitation rate	30	0.26	8
	RAINBIRD 1812-8H-MPR		30	0.52	8
	RAINBIRD 1804-5Q-MPR	4" pop up spray sprinklers, matched precipitation rate	30	0.1	5
	RAINBIRD 1804-5H-MPR		30	0.2	5
	RAINBIRD 1812-5Q-MPR	12" pop up spray sprinklers, matched precipitation rate	30	0.1	5
	RAINBIRD 1812-5H-MPR		30	0.2	5
	RAINBIRD 1812-15EST	12" pop up spray sprinklers end strip	30	0.6	4 x 15
		Drip irrigation assembly - see detail			
	WEATHERMATIC 11024FCR	Electric plastic valve with flow adjustment. See plan for size.			
	CHAMPION QCV-075VL	3/4" quick coupler with locking vinyl cover			
	RAINBIRD-ESP-16MC	16 station controller-Wall mount-Provide batteries-Outside W/ RAINGAUGE & ANEMOMETER			
	WILKINS 600	Pressure regulator. (Install if necessary. Reference Detail 8)			
	WILKINS	Brass ball valve - line size-See detail.			
	FEBCO 805	Double check backflow preventer.			
		Class 200 PVC non pressure lateral 12" below grade			
		Schedule 40 PVC pressure line (for lines 2" and larger use class 315) 18" below grade			
		Class 160 PVC sleeve under paving (AC, Concrete, or other) 24" below top of paving			
		5/8" Polyethylene tubing with emitters - see detail			
		Subgrade dripline. TORO RGP-2-12-E DL2000 Drip tubing w/ .5 GPH emitters 12" o.c.-See Detail			

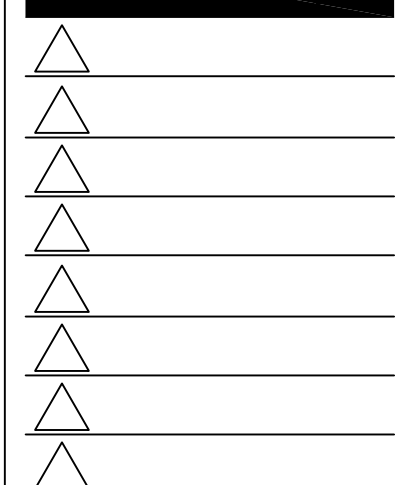


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20223-20237 SATICOY STREET
WINNETKA, CALIFORNIA

DETAILS AND LEGEND



DATE: 8-26-2005
DRAWN BY: BP/RM
JAB: NO. 030703
SCALE: 1/8" = 1'-0"
SHEET

L-3