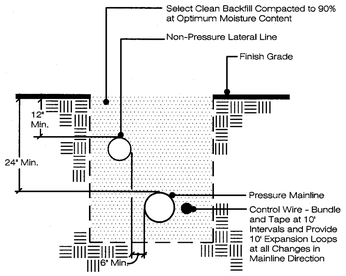
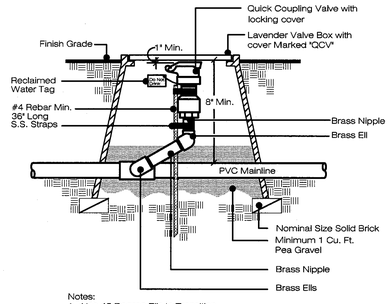


1 TRENCHING
NO SCALE — FILE



Notes:
1. Use 45 Degree Ells to Transition to Mainline Depth
2. Set Top of Valve Box 1/2" Above Finished Grade in Turf Areas and 2" Above Finished Grade in Ground Cover and Shrub Areas.

5 QUICK COUPLER VALVE
NO SCALE — FILE

PVC Pipe Sleeve Schedule

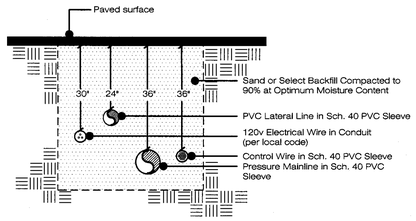
PVC Pipe Size	SCH. 40 PVC PIPE SLEEVES Solvent Weld Sch. 40 Fittings	Bell and Gasketed Fittings
1/2"	2"	
3/4"	2"	
1"	2-1/2"	
1-1/4"	3"	
1-1/2"	3"	3"
2"	4"	4"
2-1/2"	6"	6"
3"	6"	6"
4"	6"	8"
6"	10"	10"
8"	12"	12"

Wire Sleeve Schedule

Sch. 40 Sleeve Size	Maximum Number of UF Wires
1"	9
1-1/4"	17
1-1/2"	23
2"	38
2-1/2"	54

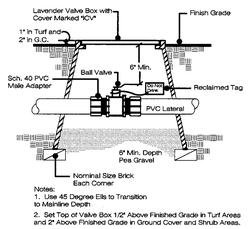
Note: Schedule is for #12 and Smaller Solid Copper, Single Conductor, Direct Burial (Type UF) Wire

9 SLEEVING SCHEDULE
NO SCALE — FILE



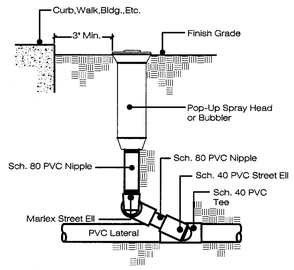
Notes:
Maintain a minimum horizontal distance of 4" between pipe.
Pvc sleeves to be twice the diameter of the pipe or wire bundle being sleeved.
Provide a 24" control wire expansion loop at all changes in direction of 30 degrees or more.
Install all pipe and conduit in accordance with the manufacturer's recommendations.

2 SLEEVING
NO SCALE — FILE

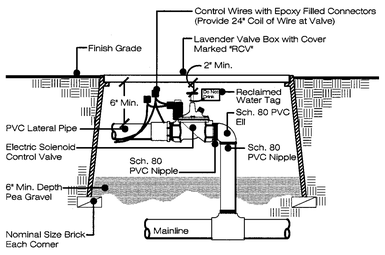


Notes:
1. Use 45 Degree Ells to Transition to Mainline Depth
2. Set Top of Valve Box 1/2" Above Finished Grade in Turf Areas and 2" Above Finished Grade in Ground Cover and Shrub Areas.

6 BALL VALVE
NO SCALE — FILE

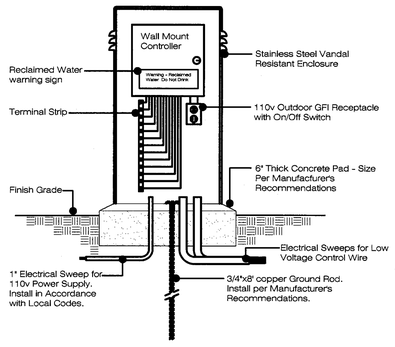


10 POP-UP SPRAY/BUBBLER
NO SCALE — FILE

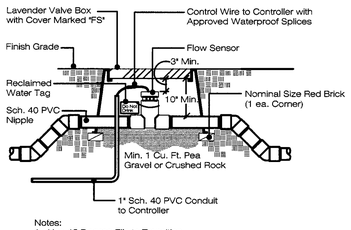


Notes:
1. Use 45 Degree Ells to Transition to Mainline Depth and use Sch. 40 PVC Fittings on Non-Pressure side of Valve.
2. Set Top of Valve Box 1/2" Above Finished Grade in Turf Areas and 2" Above Finished Grade in Ground Cover and Shrub Areas.

3 MASTER/REMOTE CONTROL VALVE
NO SCALE — FILE

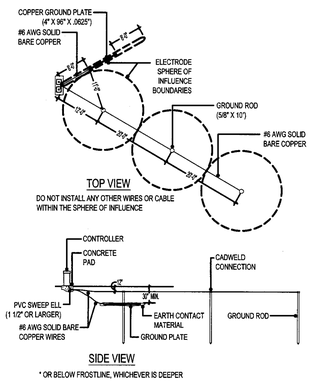


7 CONTROLLER
NO SCALE — FILE



Notes:
1. Use 45 Degree Ells to Transition to Mainline Depth
2. Set Top of Valve Box 1/2" Above Finished Grade in Turf Areas and 2" Above Finished Grade in Ground Cover and Shrub Areas.
3. Provide Free, Unrestricted Pipe of the Same Size as the Flow Meter for a Minimum of 10 Times the Flow Meter Size Upstream and 5 Times the Flow Meter Size Downstream of the Flow Meter Tee. This Applies to any Valve, Fitting, Meter, or Backflow Device

4 FLOW SENSOR
NO SCALE — FILE



* OR BELOW FROSTLINE, WHICHEVER IS DEEPER

8 CONTROLLER GROUNDING
NO SCALE — FILE

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LICENSED ARCHITECT — STATE OF CALIFORNIA

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5455 Wilshire Boulevard, Suite 1200
Los Angeles, CA 90036-4242
ph: 323. 556. 3788 fx: 323. 556. 3799

architect

LICENSED LANDSCAPE ARCHITECT — WILLIAM M. MELÉNDREZ — 4370 — Signature — 9-30-10 Renewal Date — Date — STATE OF CALIFORNIA

MELÉNDREZ

consultant

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ANTELOPE VALLEY COLLEGE HEALTH & SCIENCE BUILDING

ANTELOPE VALLEY COMMUNITY COLLEGE DISTRICT
3041 WEST AVENUE K
LANCASTER, CA 93536-5426

owner

tBP project number : 20641.00

file name:

drawn by: checked by:

date: JULY 15, 2009 - 100% CD

Rev:	date:	description:
	3/28/2008	50% DD set
	4/21/2008	90% DD set for pricing
	5/5/2008	100% DD set
	10/1/2008	95% CD check set
	10/20/2008	DSA SUBMITTAL
	7/20/2009	100% CD

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