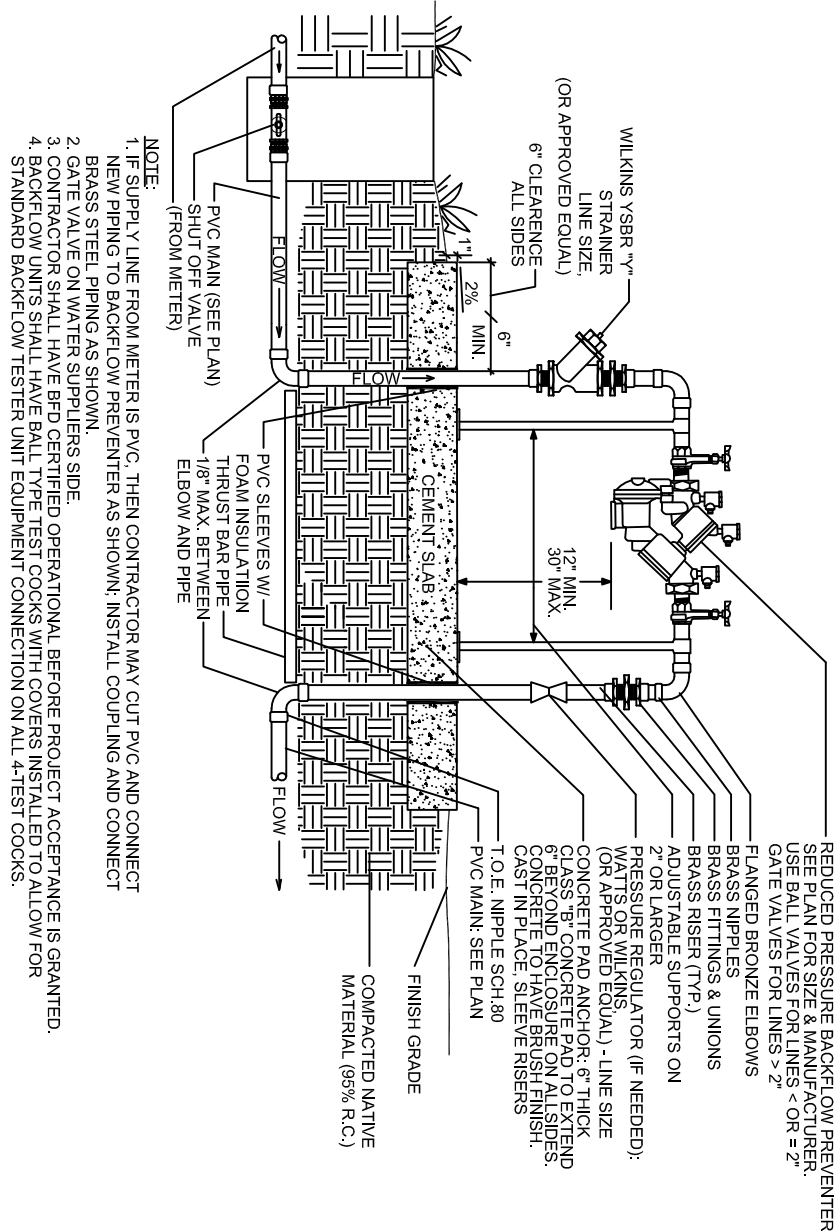




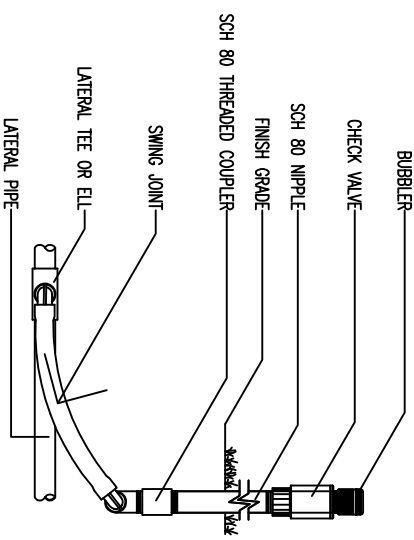
BUBBLERS		DRIP	
#2		#1	
8.3	1"	2.5	1"

# IRRIGATION PLAN

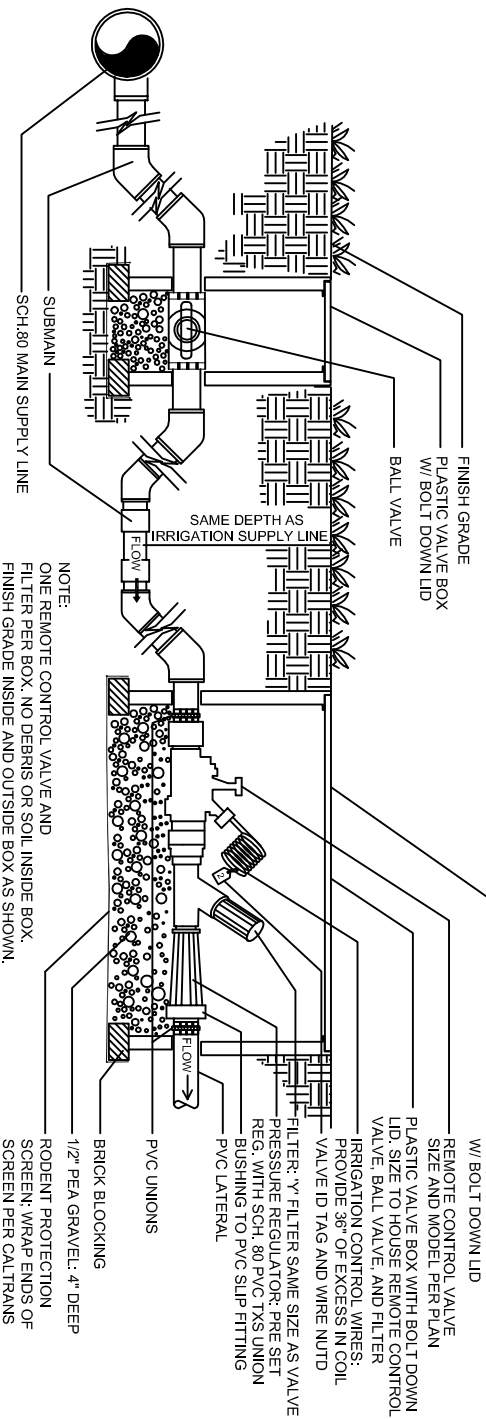
SCALE: 1" = 10'



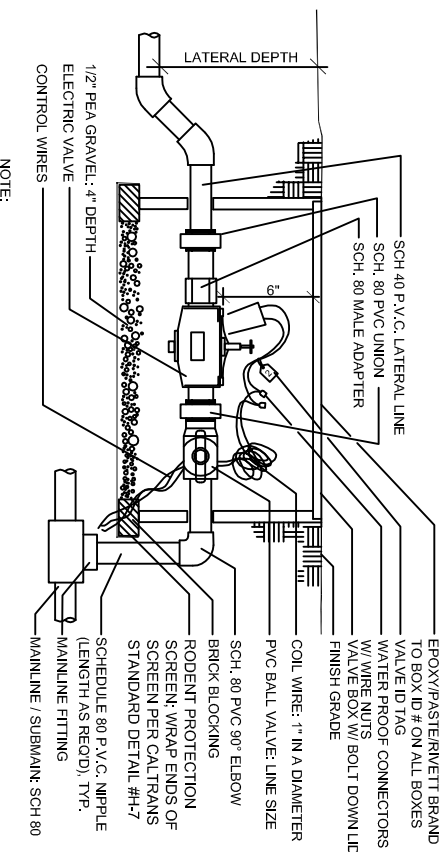
Backflow Device  
NTS



**BUBBLER**  
NTS



☐ Drip Valve  
NTS



4. PROVIDE UNIONS ON EACH SIDE OF VALVE.

**Remote Control Valve**

NTS

Reference Evapotranspiration (ETo) **39.1**

Hydrocode # (Planting Description <sup>a</sup> )	Plant Factor (PF)	Irrigation Method <sup>b</sup>	Irrigation Efficiency (IE) <sup>c</sup>	ET/AF (PF/IE)	Landscape Area (sq. ft.)	ET/AF x Area	Estimated Total Water Use (ETWU) <sup>d</sup>
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Regular Landscape Areas					
Valve 1: Low	0.2	Drip	0.81	0.25	664
Water Plants					166
					4,024

Valve 2: Medium Water Plants	0.4	Drip	0.81	0.49	200	98	2,376
				Totals	864	264	6,400

Special Landscape Areas				
			1	

[illegible]

	Totals	
		ETWU Total 6,400 gal

ETWU COMPLIES WITH MAWA

$$FTMI \text{ (Annual Gallons Required)} = EIO \times 0.62 \times EFAE \times Area$$
$$\text{MAWA (Annual Gallons Allowed)} = (\text{Eio}) (0.62) [( \text{ETAF} \times \text{LA}) + ((1 - \text{ETAF}) \times \text{SLA})]$$
$$= 9,425 \text{ gallons per year}$$

### ETAF Calculations

Regular Landscape Areas	
Total ETAF x Area	264
Total Area	864
Average ETAF	0.31

Average ETAF for Regular Landscape Areas must be 0.55 or below for residential areas, and 0.45 or below for non-residential areas.

### IRRIGATION LEGEND

- [illegible]

**IRRIGATION NOTES:**

1. DRAWINGS ARE SCHEMATIC ONLY, FOR THE PURPOSE OF CLARITY.
2. ALL MATERIALS AND THEIR INSTALLATION SHALL BE IN STRICT CONFORMANCE WITH LOCAL CODES.
3. MINIMUM 12MM LINES COVER TO HAVE A MINIMUM OF 18 INCHES COVER. LATERAL LINES A MINIMUM OF 12 INCHES COVER.
4. ALL MAIN LINES ARE TO BE SCHEDULE 40.
5. 110 POWER SUPPLY TO CONTROLLER AND WATER METER TO BE PROVIDED BY OWNER.
6. ALL REMEDIATION PIPE UNDER PAVING OR CONCRETE SHALL BE INSTALLED IN SLEEVE PIPE.
7. MAIN SEWER TO BE INSTALLED IN SOUTHWEST SIDE OF GUARD SHACK.

- I, James Smith, certify that this landscaping and irrigation plan complies with all City of Salinas landscaping requirements including use of native drought tolerant, non-invasive species, limited turf and low flow, water conserving irrigation fixtures. All plants within the Post-Construction Best Management Practices (PCBMPs) either conform to City Stormwater Development Standards Appendix C: LID Planting Zones and Plant List or are appropriate for the zones in which they are planted if the plant species is not contained in Appendix C.

DESIGNED BY:

DATED \_\_\_\_\_

James Smith  
SMITH & ENRIGHT LANDSCAPING, INC.  
C-27 CONTRACTOR LIC# 757700

IRRIGATION PLAN FOR:  
TAYLOR FARMS  
745 AIRPORT BLVD  
SALINAS, CA 93901

DATE: 10/16/17

SCALE: 1" = 10'

DRAWN: KH

## 12.0

**SMITH & ENRIGHT LANDSCAPING, INC.**

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