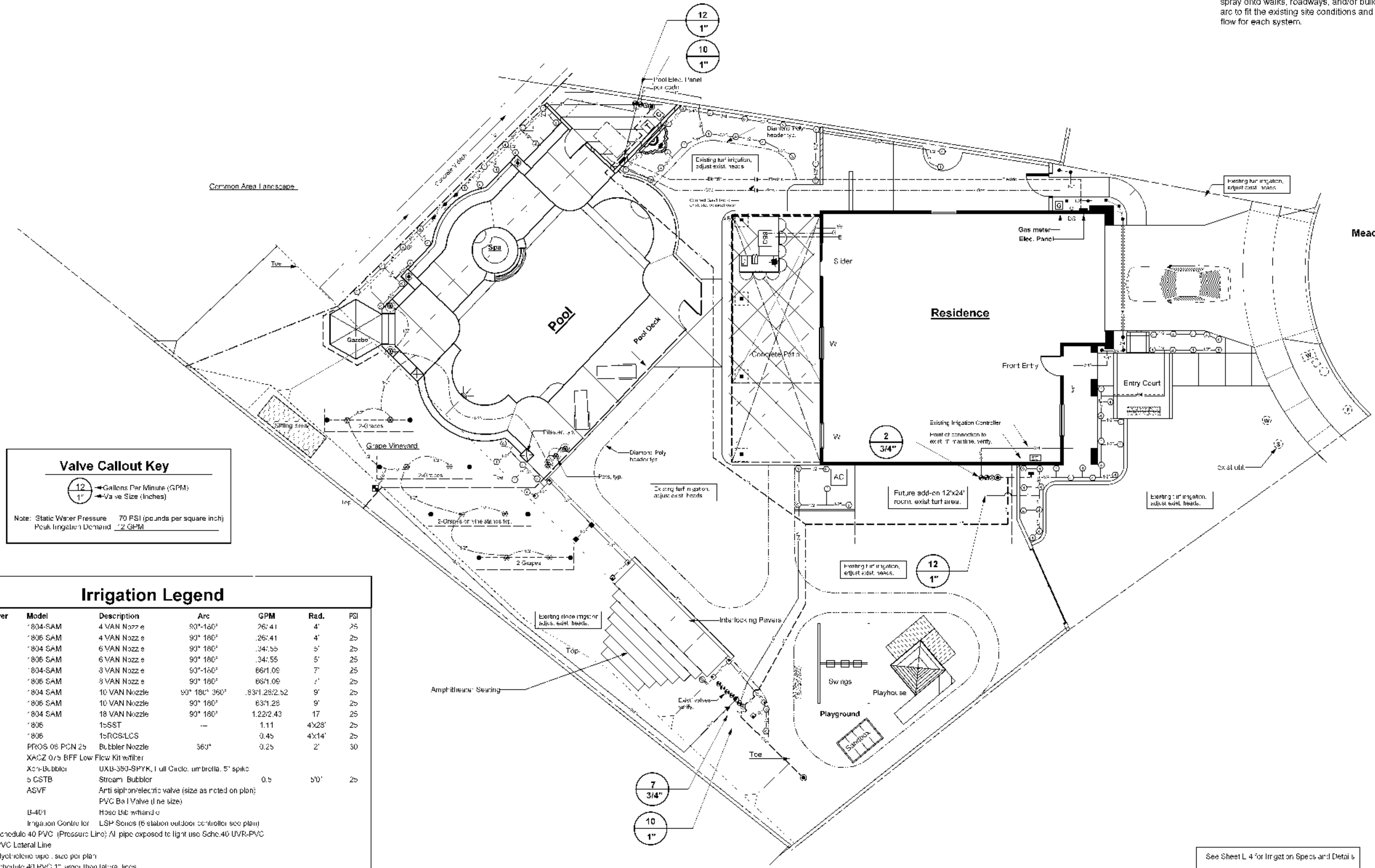


**General Notes**

1. The sprinkler system design is based on the minimum operating pressure and the maximum flow demand shown on the drawings at each point of connection. The irrigation contractor shall verify water pressure prior to construction. Report any difference between the water pressure indicated on the drawings and the actual pressure reading at the irrigation point of connection to the owner's authorized representative.
2. This design is diagrammatic. All piping, valves, etc. shown within paved areas are for design clarification only and shall be installed in planting areas. All pipes under pavement surfaces are to be sleeved with schedule 80 sleeve, 1 inch minimum larger than the pipe. All pipes under vehicular pavement are to be sleeved with schedule 80 sleeve, 1 inch minimum larger than the pipe.
3. Before any work commences, a conference shall be held with the owner's representative and the contractor regarding general requirements of this work.
4. Do not install the irrigation system as shown on the drawings when it is obvious in the field that obstructions, grade differences, or differences in the area dimensions exist that might not have been considered in the engineering. Such obstructions or differences should be brought to the attention of the owner's authorized representative. In the event this notification is not performed, the irrigation contractor shall assume full responsibility for any revisions necessary at no additional cost to the owner.
5. The irrigation contractor shall flush and adjust all sprinkler heads for optimum performance and to prevent over spray onto walks, roadways, and/or buildings as much as possible. This shall include selecting the best degree of arc to fit the existing site conditions and to throttle the flow control at each valve to obtain the optimum operating flow for each system.



**Valve Callout Key**

12 1" → Gallons Per Minute (GPM)  
 1" → Valve Size (Inches)

Note: Static Water Pressure = 70 PSI (pounds per square inch)  
 Peak Irrigation Demand = 7.2 GPM

**Irrigation Legend**

Symbol	Manufacturer	Model	Description	Arc	GPM	Rad.	PSI	
⊙	Rainbird	'804-SAM	4 VAN Nozzle	90°-180°	26:41	4'	25	
⊙	Rainbird	'806-SAM	4 VAN Nozzle	90°-180°	26:41	4'	25	
⊙	Rainbird	'804-SAM	6 VAN Nozzle	90°-180°	34:55	5'	25	
⊙	Rainbird	'806-SAM	6 VAN Nozzle	90°-180°	34:55	5'	25	
⊙	Rainbird	'804-SAM	8 VAN Nozzle	90°-180°	66:1.06	7'	25	
⊙	Rainbird	'806-SAM	8 VAN Nozzle	90°-180°	66:1.06	7'	25	
⊙	Rainbird	'804-SAM	10 VAN Nozzle	90°-180°	83:1.28/2.52	9'	25	
⊙	Rainbird	'806-SAM	10 VAN Nozzle	90°-180°	83:1.28	9'	25	
⊙	Rainbird	'804-SAM	18 VAN Nozzle	90°-180°	1.22/2.43	17	25	
⊙	Rainbird	'806	15-SST	---	1.11	4x28'	25	
⊙	Rainbird	'806	15-RCS/LCS	---	0.45	4x14'	25	
⊙	Hunter	PROS 06 PCN 25	Bubbler Nozzle	360°	0.25	2'	30	
⊙	Rainbird	XACZ 0/5 BFF Low Flow Kit w/filter						
⊙	Rainbird	Xc1-Bubbler	UXB-350-SPYK, 1 full Circle, umbrella, 5" spike					
⊙	Rainbird	5 CSTB	Stream Bubbler		0.5	50'	25	
⊙	Rainbird	ASVF	Anti siphon electric valve (size as noted on plan)					
⊙	Spears		PVC Ball Valve (line size)					
⊙	Champion	B-401	Hose Bib w/hand					
⊙	Rainbird	Irrigation Controller	LSP Series (6 station outdoor controller see plan)					
---	Mainline - Schedule 40 PVC (Pressure Line); All pipe exposed to light use Sch. 40 UVR-PVC							
---	Class 200 PVC Lateral Line							
---	Rainbird Polyethylene pipe, size per plan							
---	Sleeves - Schedule 40 PVC 1" larger than lateral lines							
---	P.O.C. Point of Connection to water supply							
---	KBI Swing check Valve							
---	Hunter AVB atm-siphonic vacuum breaker							

No.	Date	Revisions / Submittals
Design Firm		
<b>Greenscape</b>		
27475 Inez Road Temecula, CA 92591 Tel. 951.302.6345 Cell. 951.907.3277		
Project Title		
Landscape Plan For: <b>Bonaventure Residence</b>		
Drawing Title		
<b>Irrigation Plan</b>		
Job Number	Les	Design No. G050609
Drawn by	L.K.	Scale As Noted
Checked by	K.L.	Spec. No.
Date	10-21-08	<b>3</b> of <b>4</b> Total Sheets 4

See Sheet L-4 for Irrigation Specs and Detail S

