

SYMBOL	DESCRIPTION	MANUFACTURER	MODEL	SIZE
	POINT OF CONNECTION	SEE CIVIL DRAWINGS FOR EXACT LOCATION		
	BACKFLOW PREVENTER	SEE CIVIL DRAWINGS		
	BOOSTER PUMP	CONSTANTFLO	SEE NOTE #13	
	FLOW METER/SENSOR	DATA INDUSTRIAL	IR 200B	SIZE AS PER LINE
	W MOUNTING SADDLE	ROMAC INDUSTRIES, INC.	2" NTP	
	BRASS MASTER VALVE	BERHAD	410-00-G	SIZE AS PER LINE
	BRONZE GATE VALVE W/ KEY OPERATED STEM	NIBCO	T-113	SIZE AS PER LINE
	QUICK COUPLING VALVE W/KEY	RAINBIRD	44 ND	1"
	REMOTE CONTROL VALVE	RAINBIRD	PEB	SIZE AS NOTED
	REMOTE CONTROL VALVE W/WHITE FILTER & BALL VALVE	RAINBIRD	PEB	SIZE AS NOTED
	PRESSURE REDUCING VALVE	AGRICULTURE PRODUCTS	4E-1-B	1"
	IRRIGATION CONTROLLER	SENNINGER	PMR-LF	1"
	PVC MAINLINE	RAINBIRD	ESP-40MC-MIB SERIES	
	PVC LATERAL LINE	-----	SCHEDULE 40	SIZE AS PER PLAN
	FLEXIBLE TUBING	-----	SCHEDULE 200	SIZE AS PER PLAN
	SHRUB EMITTER	EXCALIBUR	-----	1/2" IPS
	SLEEVE UNDER PAVED AREAS	BOKSMITH	SL210/SL220 (NOT SHOWN ON PLAN)	
	IRRIGATION CONTROLLER	-----	SCHEDULE 40	SEE NOTE #4
	FLOW IN GPM			
	PLANT MATERIAL			
	VALVE SIZE			

LANDSCAPE IRRIGATION SCHEDULE

PLANT SIZE	G.P.H.	QTY.	EMITTER	MANUFACTURER
PALMS	8	8'	DIRG 16-4-12	GEOFLOW
24" BOX	12	6	(SL220)	BOWSMITH
15 GAL	6	3	(SL220)	BOWSMITH
5 GAL	2	2	(SL210)	BOWSMITH
1 GAL	1	1	(SL210)	BOWSMITH

1. THE IRRIGATION PLAN IS A SCHEMATIC DRAWING. ALL IRRIGATION COMPONENTS ARE TO BE INSTALLED IN TURF AND PLANTING AREAS. PLACE ALL VALVE BOXES IN SHRUB BEDS OUT OF TURF AREAS WHERE POSSIBLE. VALVE BOXES IN SHRUB BEDS TO BE TAN IN COLOR. VALVE BOXES IN TURF AREAS TO BE GREEN IN COLOR.
2. IN ALL TURF AREAS PROVIDE HEAD TO HEAD COVERAGE AND ADJUST HEADS TO KEEP EXCESSIVE SPRAY OFF WALKWAYS, WALLS, STRUCTURES AND PLANTING BEDS.
3. BACKFLOW PREVENTER(S) TO BE IN COMPLIANCE WITH THE LAS VEGAS VALLEY WATER DISTRICT STANDARDS, CODES AND REGULATIONS.
4. INSTALL SLEEVING BASED ON THE SIZING GUIDE BELOW:

<u>PIPE SIZE</u>	<u>REQUIRED SLEEVING</u>
3" PVC MAINLINE _____	1 - 6" SCH 40 PVC SLEEVE
2" PVC MAINLINE _____	1 - 4" SCH 40 PVC SLEEVE
1 1/2" PVC LATERAL _____	1 - 4" SCH 40 PVC SLEEVE
3/4" TO 1 1/4" PVC LATERAL _____	1 - 2" SCH 40 PVC SLEEVE
5.

<u>WIRE QUANTITY</u>	<u>REQUIRED SLEEVING</u>
1 - 25 CONTROL WIRES _____	1 - 2" SCH 40 PVC SLEEVE
26 - 50 CONTROL WIRES _____	2 - 2" SCH 40 PVC SLEEVE
6. CONTRACTOR TO PROVIDE ALL NECESSARY SLEEVING UNDER ROADS, CONCRETE SLABS, ETC.. SEE CIVIL DRAWINGS FOR EXACT LOCATION OF POINT OF CONNECTION, METER SIZE, ETC.
7. DRIP IRRIGATION SYSTEM IS DESIGNED FOR A MAXIMUM OF 50 GPH PER PRESSURE REDUCER.
8. VALVE BOXES TO BE PERMANENTLY MARKED WITH CONTROLLER LETTER & STATION. VALVE BOXES SHALL HAVE METAL LIDS.
9. CONTRACTOR IS RESPONSIBLE TO VERIFY UTILITY LOCATION AND OBTAIN ANY NECESSARY PERMITS.
10. ON TURF SPRAY HEADS, USE 'SAM' OPTION FOR ALL LOW POINTS. ON TURF ROTOR HEADS, USE 'CHECK VALVE' OPTION FOR ALL LOW POINTS.
11. CONTRACTOR RESPONSIBLE FOR ALL PIPING, WIRING AND EQUIPMENT NECESSARY TO CONNECT FROM P.C. TO BACKFLOW PREVENTER. SEE CIVIL DRAWINGS FOR EXACT LOCATION.
12. CONTRACTOR TO LOCATE IRRIGATION CONTROLLER IN STORAGE ROOM OF THE RESTROOM BUILDING. CONTRACTOR RESPONSIBLE FOR POWER CONNECTION. CONTRACTOR TO PROVIDE SLEEVING FOR THE CONTROLLER TO THE PROPOSED LOCATION.
13. IRRIGATION SYSTEM DESIGNED AT 60 P.S.I. (STATIC) AT POINT OF CONNECTION. INFORMATION PROVIDED BY ENGR.

CONSTANTFLOW BOOSTER PUMP. MODEL 75SPB1 P4-5.0-CDFEFGHIKM, 75 GPM AT 81' TDH (35# BOOST).
50 HP - 1750 RPM - 460V - 3 ϕ - TEFC MOTOR - CODE J. 7.6 FULL LOAD AMPS, 45 AMPS INRUSH CURRENT 20A CIRCUIT BREAKER IN MAIN SWITCHGEAR. FOR SHORT CIRCUIT PROTECTION ONLY. SEE PUMP DWS D40-5, SME-1, SME-2. ALSO SEE SPECIFICATION SHEETS SPIR1, SPIR2, SPIR3, SPIR4, SPIR-2/14.

FOR FURTHER PUMP INFORMATION, CONTACT:
SOUTHERN CALIFORNIA PUMP SALES AND MFG.
P.O. BOX 9285
FOUNTAIN VALLEY, CA 92728-9285
PH: (714) 966-1095 FAX: (714) 966-5380
ATTN: DICK DeMOTT

Avoid cutting underground utility lines. It's costly.

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before you
Dig**

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