

LANDSCAPE IRRIGATION SCHEDULE

48248

IRRIGATION EQUIPMENT LEGEND

SYMBOL	DESCRIPTION	MANUFACTURER	MODEL	SIZE
	CLUSTER CONTROL UNIT	RAINBIRD	CCU-6-SS	6 CHANNELS, STAINLESS STEEL PEDESTAL
	POINT OF CONNECTION	SEE CIVIL DRAWINGS FOR LOCATION		
	CAST IRON GATE VALVE	NIBCO OR MILWAUKEE	-----	SIZE PER LINE
	QUICK COUPLING VALVE W/KEY & SWIVEL	RAINBIRD	44LRC-DNP	1" - INSTALL WITHIN 24" FROM SIDEWALK EDGE.
	BRASS REMOTE CONTROL VALVE W/ BALL VALVE (BRONZE)	RAINBIRD MATTS	200-GB-PRS-B B-6400	SIZE PER PLAN 2"
	BRASS REMOTE CONTROL VALVE WITH WYE FILTER & BALL VALVE (BRONZE)	RAINBIRD AGRICULTURE PRODUCTS MATTS	200-GB-PRS-B 4E-1-B-200 B-6400	SIZE PER PLAN 1"
	PRESSURE REDUCING VALVE	SENNINGER	PMR-MF	1"
	IRRIGATION CONTROLLER	RAINBIRD	ESP-SAT-40TW-WM	40 STATIONS
	IRRIGATION CONTROLLER	RAINBIRD	ESP-SAT-24TW-WM	24 STATIONS
	AIR VACUUM	CRISPIN	IC10	(3/32" ORIFICE SIZE)
	BUBBLERS SEE DETAILS 'N & P' SHEET L6.1	RAINBIRD	I300A-F	SEE SHEETS L4.5 THRU L4.8 FOR LAYOUT
	PVC MAINLINE	-----	SCHEDULE 40	SIZE PER PLAN 1" TO 3"
	PVC LATERAL LINE	-----	CLASS 200	SIZE PER PLAN 4" TO 12"
	PVC LATERAL LINE FOR DRIP	-----	CLASS 200	SIZE PER PLAN SHEETS L4.1 THRU L4.4
	PVC LATERAL LINE FOR BUBBLER	-----	CLASS 200	SIZE PER PLAN SHEETS L4.5 THRU L4.8
	FLEXIBLE TUBING	EXCALIBUR	PVC	3/4" - SEE DETAILS 'N & P' SHEET L6.1
	EMITTER	BOWSMITH	SL-210/SL-220	1/2" IPS
	SLEEVE UNDER PAVED AREAS	-----	SCHEDULE 40	SEE Emitter SCHEDULE
	IRRIGATION CONTROLLER	-----	-----	SEE NOTE #4

EMITTER SCHEDULE

PLANT SIZE	G.P.H.	QTY.	EMITTER	MANUFACTURER
PALM	8	8	DIRS 16-4-12	GEOFLOW
36" BOX	12	6	SL-220	BOWSMITH
24" BOX	10	5	SL-220	BOWSMITH
15 GAL	6	3	SL-220	BOWSMITH
5 GAL	2	2	SL-210	BOWSMITH
1 GAL	1	1	SL-210	BOWSMITH

IRRIGATION HEAD LEGEND

SYMBOL	DESCRIPTION	MFG.	MODEL	NOZZLE	RADIUS	G.P.M.	P.S.I.	PATTERN
	6" POP-UP SPRAY HEAD	RAINBIRD	1806-SAM-15F	15F	15'	3.70	30	FULL CIRCLE
	6" POP-UP SPRAY HEAD	RAINBIRD	1806-SAM-15H	15H	15'	1.85	30	1/2 CIRCLE
	6" POP-UP SPRAY HEAD	RAINBIRD	1806-SAM-15Q	15Q	15'	0.92	30	1/4 CIRCLE
	6" POP-UP SPRAY HEAD	RAINBIRD	1806-SAM-15V	360 ARC	15'	3.70	30	ADJ. ARC
	6" POP-UP SPRAY HEAD	RAINBIRD	1806-SAM-12F	12F	12'	2.60	30	FULL CIRCLE
	6" POP-UP SPRAY HEAD	RAINBIRD	1806-SAM-12H	12H	12'	1.30	30	1/2 CIRCLE
	6" POP-UP SPRAY HEAD	RAINBIRD	1806-SAM-12Q	12Q	12'	0.85	30	1/4 CIRCLE
	6" POP-UP SPRAY HEAD	RAINBIRD	1806-SAM-12V	360 ARC	12'	2.60	30	ADJ. ARC
	6" POP-UP SPRAY HEAD	RAINBIRD	1806-SAM-10F	10F	10'	1.58	30	FULL CIRCLE
	6" POP-UP SPRAY HEAD	RAINBIRD	1806-SAM-10H	10H	10'	0.79	30	1/2 CIRCLE
	6" POP-UP SPRAY HEAD	RAINBIRD	1806-SAM-10Q	10Q	10'	0.39	30	1/4 CIRCLE
	6" POP-UP SPRAY HEAD	RAINBIRD	1806-SAM-10V	360 ARC	10'	2.60	30	ADJ. ARC

SYMBOL	DESCRIPTION	MFG.	MODEL	NOZZLE	RADIUS	G.P.M.	P.S.I.	PATTERN
	R-50 ROTOR HEAD	RAINBIRD	R-50 SAM-LA	1.5	26	2.20	45	PART
	R-50 ROTOR HEAD	RAINBIRD	R-50 SAM-LA	1.5	26	2.20	45	FULL
	R-50 ROTOR HEAD	RAINBIRD	R-50 SAM-LA	4.0	32	5.10	45	PART
	R-50 ROTOR HEAD	RAINBIRD	R-50 SAM-LA	4.0	32	5.10	45	FULL
	R-50 ROTOR HEAD	RAINBIRD	R-50 SAM-LA	6.0	36	7.30	45	PART
	R-50 ROTOR HEAD	RAINBIRD	R-50 SAM-LA	6.0	36	7.30	45	FULL

IRRIGATION NOTES

- THE CONTRACTOR SHALL VERIFY THE STATIC PRESSURE AT THE POINT OF CONNECTION AND MAKE FINAL CONNECTIONS ALLOWING FOR ANY POSSIBLE MINOR DEVIATIONS FROM LOCATION SHOWN ON PLANS DUE TO SITE CONDITIONS. ANY DEVIATIONS FROM THE DESIGN SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE.
- THE IRRIGATION PLAN IS DRAWN FOR GRAPHIC CLARITY, WHERE PIPING AND VALVES ARE SHOWN IN CONCRETE AREAS, THE INTENT IS FOR THE PIPING AND VALVES TO BE PLACED IN THE ADJACENT PLANTING AREAS, EXCEPT WHERE SLEEVES ARE REQUIRED. PLACE ALL VALVE BOXES IN SHRUB BEDS OUT OF TURF AREAS WHERE POSSIBLE.
- IN ALL TURF AREAS PROVIDE HEAD TO HEAD COVERAGE AND ADJUST HEADS TO KEEP EXCESSIVE SPRAY OFF WALKWAYS, WALLS, STRUCTURES, AND PLANTING BEDS.
- INSTALL SLEEVING BASED ON THE SIZING GUIDE BELOW:

PIPE SIZE	REQUIRED SLEEVING
6" PVC MAINLINE	1 - 10" SCH 40 PVC SLEEVE
4" PVC MAINLINE	1 - 8" SCH 40 PVC SLEEVE
3" PVC MAINLINE	1 - 6" SCH 40 PVC SLEEVE
1" to 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
WIRE QUANTITY	REQUIRED SLEEVING
1 - 25 CONTROL WIRES	1 - 2" SCH 40 PVC SLEEVE
26 - 50 CONTROL WIRES	2 - 2" SCH 40 PVC SLEEVE

- IRRIGATION SYSTEM DESIGNED AT 106 P.S.I. (STATIC) AT POINT OF CONNECTION. INFORMATION PROVIDED BY CIVIL ENGINEER.
- ON TURF SPRAY HEADS, USE 'SAM' OPTION FOR ALL LOW POINTS. ON TURF ROTOR HEADS, USE 'CHECK VALVE' OPTION FOR ALL LOW POINTS.
- CONTRACTOR SHALL PROVIDE SUPPLEMENTAL WATER TO EXISTING PLANT MATERIAL WHILE THE EXISTING IRRIGATION SYSTEM IS REMOVED AND THE NEW IRRIGATION SYSTEM IS INSTALLED.

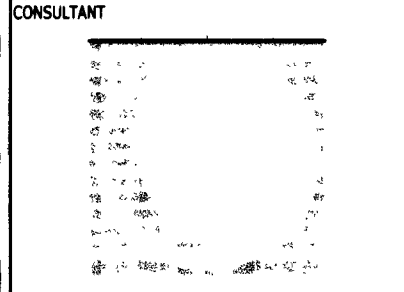
As-built existing underground utility lines, if any, verify.

Call before you Dig

1-800-227-2600



REVISIONS



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ELKHORN SPRINGS
NEIGHBORHOOD PARK
BUFFALO DRIVE
LANDSCAPE IRRIGATION
SCHEDULE

STAMP

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ARCHITECTURAL SERVICES

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DRAWN: HK5
FILE: 20449-IR-TURF
DATE: 3-9-01
SCALE: NO SCALE
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SHT NO:

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