

IRRIGATION NOTES

- REFER TO IRRIGATION DETAILS (SHEETS I2.01 & I2.02) AND SPECIFICATIONS FOR INSTALLATION PROCEDURES.
- SYSTEM HAS BEEN DESIGNED BASED ON A STATIC WATER PRESSURE OF 80 PSI AT THE PUMP.
- CONTRACTOR SHALL FIELD VERIFY PRESSURE AT PUMP LOCATION PRIOR TO ORDERING MATERIALS OR STARTING ANY IRRIGATION INSTALLATION AND NOTIFY CONSULTANT OF ANY DIFFERENCE FROM STATED PRESSURE. IF CONTRACTOR FAILS TO NOTIFY CONSULTANT HE ASSUMES FULL RESPONSIBILITY FOR ANY SYSTEM ALTERATIONS AS DIRECTED BY THE CONSULTANT.
- INSTALL BOUSHNITH SERIES PRESSURE COMPENSATING EMITTERS TO PLANT MATERIAL PER DETAILS #1, #2, #3 AND THE FOLLOWING SCHEDULE.

PLANT SIZE	EMITTER NUMBER	QUANTITY
5 GAL. SHRUB	BOUSHNITH SL210	2 EACH
24" BOX TREE	BOUSHNITH SL220	6 EACH
36" BOX TREE	BOUSHNITH SL220	6 EACH

EMITTERS ONLY ARE TO BE INSTALLED ABOVE GRADE AND ALL PIPING SHALL BE THOROUGHLY FLUSHED PRIOR TO EMITTER INSTALLATION AS PER DETAILS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR ANY NECESSARY FLUSHING OF EMITTERS DUE TO CLOGGING FOR THE DURATION OF THE MAINTENANCE PERIOD AS OUTLINED IN THE LANDSCAPE SPECIFICATION. CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF ANY PLANT MATERIAL WHICH DIES DURING THE MAINTENANCE PERIOD AS A RESULT OF EMITTER CLOGGING.

- INSTALL RAIN BIRD U-SERIES PLASTIC NOZZLES ON ALL SPRAY HEADS. USE VARIABLE ARC NOZZLES WHERE NECESSARY TO PROVIDE HEAD TO HEAD COVERAGE AND PREVENT OVERSPRAY ONTO PAVED SURFACE. INSTALL RAIN BIRD PCS PRESSURE COMPENSATING SCREENS ON ALL SPRAY HEADS SPACED 4 FEET AND LESS. REFER TO SCHEDULE IN RAIN BIRD CATALOG FOR APPROPRIATE SCREEN.
- INSTALL IRRIGATION SLEEVES UNDER ALL PAVED SURFACES PER THE FOLLOWING SCHEDULE.

PIPE SIZE OR USE QUANTITY	REQUIRED SLEEVES(S)
3/4" LATERAL	1-2" SDR 35 PVC
1/4" LATERAL	1-2" SDR 35 PVC
1/2" LATERAL	1-2" SDR 35 PVC
3" LATERAL	1-4" SDR 35 PVC
2 1/2" LATERAL	1-4" SDR 35 PVC
3" LATERAL	1-4" SDR 35 PVC
1" PRESSURE SUPPLY LINE	1-2" SDR 35 PVC
1/2" PRESSURE SUPPLY LINE	1-4" SDR 35 PVC
3" PRESSURE SUPPLY LINE	1-6" SDR 35 PVC
4" PRESSURE SUPPLY LINE	1-8" SDR 35 PVC
6" PRESSURE SUPPLY LINE	1-10" SDR 35 PVC
1-20 CONTROL WIRES	1-2" SDR 35 PVC
1-40 CONTROL WIRES	2-2" SDR 35 PVC

PUSH BUTTON IRRIGATION

INSTALL ONE McCain TRAFFIC SUPPLY (MPD02-ADA) PUSH BUTTON UNIT TO BE MOUNTED IN LOCKABLE VIT STAINLESS STEEL ENCLOSURE AS DETAILED. CONTRACTOR TO INSTALL WIRING WITH A RELAY BACK TO FIELD SATELLITE UNIT STATION E-30 AND MASTER VALVE. 120 VOLT ELECTRICAL SERVICE TO BE PROVIDED. REFER TO ELECTRICAL PLANS FOR WIRING AND EXACT LOCATION

PUSH BUTTON IRRIGATION

INSTALL ONE McCain TRAFFIC SUPPLY (MPD02-ADA) PUSH BUTTON UNIT TO BE MOUNTED IN LOCKABLE VIT STAINLESS STEEL ENCLOSURE AS DETAILED. CONTRACTOR TO INSTALL WIRING WITH A RELAY BACK TO FIELD SATELLITE UNIT STATION E-29 AND MASTER VALVE. 120 VOLT ELECTRICAL SERVICE TO BE PROVIDED. REFER TO ELECTRICAL PLANS FOR WIRING AND EXACT LOCATION

PUSH BUTTON IRRIGATION

INSTALL ONE McCain TRAFFIC SUPPLY (MPD02-ADA) PUSH BUTTON UNIT TO BE MOUNTED IN LOCKABLE VIT STAINLESS STEEL ENCLOSURE AS DETAILED. CONTRACTOR TO INSTALL WIRING WITH A RELAY BACK TO FIELD SATELLITE UNIT STATION E-31 AND MASTER VALVE. 120 VOLT ELECTRICAL SERVICE TO BE PROVIDED. REFER TO ELECTRICAL PLANS FOR WIRING AND EXACT LOCATION

PUSH BUTTON IRRIGATION

INSTALL ONE McCain TRAFFIC SUPPLY (MPD02-ADA) PUSH BUTTON UNIT TO BE MOUNTED IN LOCKABLE VIT STAINLESS STEEL ENCLOSURE AS DETAILED. CONTRACTOR TO INSTALL WIRING WITH A RELAY BACK TO FIELD SATELLITE UNIT STATION E-32 AND MASTER VALVE. 120 VOLT ELECTRICAL SERVICE TO BE PROVIDED. REFER TO ELECTRICAL PLANS FOR WIRING AND EXACT LOCATION

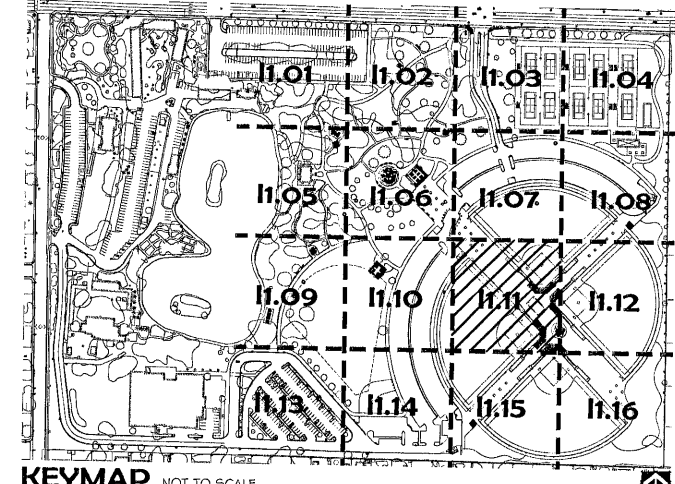
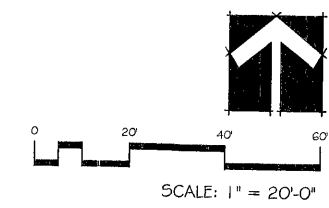
IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER	MODEL NUMBER	DESCRIPTION	DETAIL NUMBER
⊙	RAIN BIRD	1806-PRS 5 SERIES W/ NP COVER	6" POP-UP SPRAY HEAD	1
⊙	RAIN BIRD	1806-PRS 8 SERIES W/ NP COVER	6" POP-UP SPRAY HEAD	1
⊙	RAIN BIRD	1806-PRS 12 SERIES W/ NP COVER	6" POP-UP SPRAY HEAD	1
⊙	RAIN BIRD	1806-PRS 17 SERIES W/ NP COVER	6" POP-UP SPRAY HEAD	1
⊙	RAIN BIRD	1806-PRS 19 SERIES W/ NP COVER	6" POP-UP SPRAY HEAD	1
⊙	RAIN BIRD	9508-88-NP-268	GEAR DRIVEN ROTOR	2
⊙	RAIN BIRD	1008-88-NP-2	GEAR DRIVEN ROTOR	2
⊙	RAIN BIRD	1008-88-NP-8	GEAR DRIVEN ROTOR	2
⊙	RAIN BIRD	1008-88-NP-18	GEAR DRIVEN ROTOR	2
⊙	RAIN BIRD	6504-PC/PC-68-H8-B-P	GEAR DRIVEN ROTOR	2
⊙	RAIN BIRD	FEB SERIES	ELECTRIC CONTROL VALVE	3
⊙	PER DETAIL		1" DRIP VALVE ASSEMBLY	4
⊙	RAIN BIRD	44NP	QUICK COUPLING VALVE	5
⊙	RAIN BIRD	44NP	QUICK COUPLING VALVE W/ 1/2" ROUND CONCRETE VALVE BOX	14
⊙	APPROVED		GATE VALVE (LINE SIZE)	6 + 1
⊙	RAIN BIRD	80P-SAT-28	FIELD SATELLITE UNIT	11
⊙	RAIN BIRD	CCU-28-S	CLUSTER CONTROL UNIT	16
⊙	McCain TRAFFIC	MPD02-ADA	PUSH BUTTON IRRIGATION START	18
⊙	APCO	750	AIR RELEASE VALVE	8
⊙	EXISTING		PRESSURE SUPPLY LINE TO BE REMOVED OR ABANDON	
⊙	APPROVED	8CH 40 BE PVC	PRESSURE SUPPLY LINE (PROTECT IN PLACE UNTIL NEW PRESSURE SUPPLY LINE IS INSTALLED AND CONNECTED TO PUMP STATION)	
⊙	APPROVED	CL 200 RT PVC	PURPLE PRESSURE SUPPLY LINE UP TO 2 1/2" (SIZE PER PLAN)	15
⊙	APPROVED	8CH 40 BE	PVC LATERAL LINE	
⊙	APPROVED	8CH 40 BE - 3/4"	DRIP PVC LATERAL (SHRUB) (SEE NOTE #4 FOR EMITTER)	11
⊙	APPROVED	8CH 40 BE - 1/2"	DRIP PVC LATERAL (TREE) (SEE NOTE #4 FOR EMITTER)	12
⊙	PER DETAIL		DRIP LINE BLOW-OUT STUD	10
⊙	APPROVED		PRESSURE SUPPLY LINE TO BE PROVIDED OR ABANDON	
⊙			FIELD SATELLITE UNIT # STATION NO.	
⊙			GALLONS PER MINUTE	
⊙			PLANT TYPE	
⊙			ELECTRIC CONTROL VALVE SIZE	

THESE PLANS ARE DIAGRAMMATIC, THEY DO NOT REPRESENT EXACT LOCATION OF IRRIGATION EQUIPMENT REFER TO SPECIFICATIONS AND DETAILS.

LATERAL PIPE SIZING IS INDICATED BY THE FOLLOWING SYMBOLS.

3/4" - I	1 1/2" - X
1" - II	2" - V
1 1/4" - III	2 1/2" - IV



REVISIONS
1 10/12/07 OWNER COMMENTS

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Lorenzi Park Renovations
Phase 1
Irrigation Plan

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SHEET NO: 01.15314.01
DRAWING NO: 65019-47

SHEET NO: I1.11

UNREGISTERED LANDSCAPE ARCHITECT
579
10/17/07
STATE OF NEVADA

REVISIONS AND SPECIFICATIONS REMAINED BY THE CLIENT MAY BE UTILIZED ONLY FOR OCCUPANCY OF THE PROJECT FOR WHICH THEY WERE PREPARED AND NOT FOR THE CONSTRUCTION OF ANY OTHER PROJECT. N.A.C. 153.290