

IRRIGATION SCHEDULE

IRRIGATION COMPONENTS

KEY	ITEM	DESCRIPTION	DETAIL(S)	FOOTNOTES
	REMOTE CONTROL VALVE	RAINBIRD PEB SERIES CONTROL VALVE WITH BALL VALVE, SIZE PER PLAN.	'G' L2.04	
	DRIP VALVE	DRIP VALVE ASSEMBLY: RAINBIRD 100-PEB VALVE, RAINBIRD FILTER QKCHK-100, RAINBIRD PRESSURE REGULATOR RAINBIRD PSI-M30X-100 (IN-LINE TUBING), PSI-M40X-100 (EMITTERS).	'F' L2.04	
	GATE VALVE	GATE VALVE: HARCO, NIBCO OR WATEROUS OR EQUAL. SIZE PER LINE. 1/8" MINIMUM COVER.	'E' L2.04	
	END FLUSH VALVE	AUTOMATIC END FLUSH VALVE: AGRICULTURAL PRODUCTS, MODEL FCH-H BLACK DISK. INSTALL AT THE END OF ALL DRIP LINE HEADERS.	'J' L2.04	
	QUICK COUPLER	QUICK COUPLING VALVE: RAINBIRD 44NP WITH LOCKING RUBBER COVER AND 3/4" HOSE SWIVELS. PROVIDE KEYS PER SPECIFICATIONS.	'M' L2.04	
	MAINLINE	MAINLINE: SCHEDULE 40 PVC, SIZE PER PLAN.	'H,J,I' L2.04	
	LATERAL LINE	LATERAL LINES: SCHEDULE 40 PVC, SIZE PER PLAN.	'H, I' L2.04	
	TREE DRIP LINE HEADER	1" DIAMETER SCHEDULE 40 PVC HEADER, WITH NETAFIM 17MM TECHLINE CV IN-LINE DRIP TUBING, MODEL #TLCVG.	'N,O,P,T' L2.05	
	SHRUB DRIP LINE HEADER	1" DIAMETER SCHEDULE 40 PVC, WITH 1/2" SALCO PVC AR-050-IP3 (OR EQUAL) THICK WALLED FLEXIBLE PVC TO EMITTER.	'K' L2.04	
	SLEEVES	SLEEVES: PVC SCHEDULE 40, SIZE PER PLAN. EXTEND 18" PAST EDGE OF CONCRETE.	'I' L2.04	
	SLEEVE	SLEEVES AND WIRE CHASES: SCHEDULE 40 PVC. SIZE PER PLAN. EXTEND 18" BEYOND HARD SURFACE.	'I' L2.04	
	WIRE CHASE	SLEEVES AND WIRE CHASES: SCHEDULE 40 PVC. SIZE PER PLAN. EXTEND 18" BEYOND HARD SURFACE.	'I' L2.04	
	CONTROL WIRES	CONTROL WIRE FROM VALVES TO CONTROLLERS, UF DIRECT BURIAL, SOLID COPPER, 12 GA. COMMON, 14 GA. PILOT.	'H # 1' L2.04	ROUTE WITH MAINLINE
	IN-LINE DRIP TUBING FLUSH VALVE	NETAFIM MODEL TL90V	'V' L2.05	
	VALVE IDENTIFICATION TAG	VALVE IDENTIFICATION. INCLUDES VALVE NUMBER, VALVE SIZE, MAXIMUM GPM AND TYPE OF IRRIGATION FOR THE VALVE.		

EMITTERS, HEADS AND ROTORS

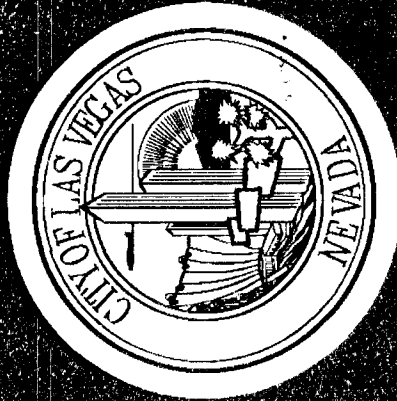
KEY	ITEM	MANUFACTURER-MODEL NUMBER	PAT.	RD.	PSI	GPM						DRIP GPH	DETAIL(S)	FOOTNOTES
						Q	H	F	T	TT	TQ			
	NETAFIM	NETAFIM 17MM TECHLINE CV IN-LINE DRIP TUBING, MODEL #TLCVG	F	--	30	--	--	--	--	--	--	0.9	'N,P,Q,R,S,T,V' L2.05	SEE DETAIL FOR EMITTER QUANTITIES
	EMITTER	THREADED EMITTER: BOWSMITH SL210: SINGLE OULET, 1/2" FPT INLET.	F	--	30	--	--	--	--	--	--	1.0	'K' L2.04	SEE DETAIL FOR EMITTER QUANTITIES
	ROTOR	RAINBIRD ROTATOR. MODEL: 5000-MPR-30	F	30'	45	--	--	5.78	--	--	--	--	'L' L2.04	
	ROTOR	RAINBIRD ROTATOR. MODEL: 5000-MPR-30	H	30'	45	--	2.96	--	--	--	--	--	'L' L2.04	
	ROTOR	RAINBIRD ROTATOR. MODEL: 5000-MPR-30	T	30'	45	--	--	--	.85	--	--	--	'L' L2.04	
	ROTOR	RAINBIRD ROTATOR. MODEL: 5000-MPR-30	Q	30'	45	.40	--	--	--	--	--	--	'L' L2.04	

NOTES:

1. SEE SHEETS L2.04 & L2.05 FOR IRRIGATION DETAILS

IRRIGATION NOTES

- COORDINATE LOCATION AND MARKING ("CALL BEFORE YOU DIG") OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
- DO NOT PROCEED WITH THE INSTALLATION OF THE IRRIGATION SYSTEM WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS OR GRADE DIFFERENCES EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE ENGINEERING, OR IF DISCREPANCIES IN CONSTRUCTION DETAILS, LEGEND, NOTES, OR SPECIFICATIONS ARE DISCOVERED. BRING ALL SUCH OBSTRUCTIONS OR DISCREPANCIES TO THE ATTENTION OF THE CONSTRUCTION MANAGER PRIOR TO PROCEEDING WITH CONSTRUCTION.
- THE DRAWINGS ARE DIAGRAMMATIC. THEREFORE, THE FOLLOWING SHOULD BE NOTED:
 - IRRIGATION COMPONENTS MAY BE SHOWN OUTSIDE PLANTING AREAS, OR WITHIN HARDSCAPE, FOR GRAPHIC CLARITY. AVOID CONFLICTS BETWEEN THE IRRIGATION SYSTEM, PLANTING MATERIALS, UTILITIES, HARDSCAPE SURFACES AND ARCHITECTURAL FEATURES. INSTALL IRRIGATION PIPE AND WIRING IN LANDSCAPED AREAS WHENEVER POSSIBLE.
 - USE ONLY STANDARD TEES AND ELBOW FITTINGS. USE OF CROSS TYPE FITTINGS IS NOT PERMITTED.
- THE IRRIGATION CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF IRRIGATION SLEEVING. SLEEVES ARE TO BE INSTALLED FOR BOTH PIPING AND ELECTRICAL WIRING AT EACH HARDSCAPE CROSSING. COORDINATE INSTALLATION OF SLEEVING WITH OTHER TRADES. ANY PIPE OR WIRE WHICH PASSES BENEATH EXISTING HARDSCAPE WHERE SLEEVING WAS NOT INSTALLED, REQUIRES HORIZONTAL BORING BY THE IRRIGATION CONTRACTOR.
- IRRIGATION POINT-OF-CONNECTION: PROVIDE TRANSITION FITTINGS AS REQUIRED FOR CONNECTION OF MAINLINE PIPE TO PIPE STUB-OUT DOWNSTREAM OF 1-INCH IRRIGATION WATER METER (SEE UTILITY PLANS). VERIFY EXACT LOCATION, SIZE AND ALIGNMENT OF POINT-OF-CONNECTION, WITH THE CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.
- FULLY AUTOMATED DRIP IRRIGATION SYSTEM WILL IRRIGATE SHRUBS AND TREES AND HAS BEEN DESIGNED TO ACCOMMODATE A MAXIMUM OF 13 GPM PER DRIP VALVE ASSEMBLY. SINGLE-OUTLET DRIP EMITTERS WILL IRRIGATE SHRUBS AND IN-LINE DRIP TUBING WILL IRRIGATE TREES & IN-LINE DRIP TUBING WILL IRRIGATE TREES AND SHRUBS IN STREETSCAPE AS SHOWN. MUNICIPAL (POTABLE) WATER WILL BE USED FOR IRRIGATION ON THE PROJECT.
- THE IRRIGATION CONTROL SYSTEM WILL INTERFACE WITH A CENTRAL CONTROL SYSTEM AND WILL BE DESIGNED FOR PHONE MODEM COMMUNICATION AND COMPATIBILITY WITH CONTROL SATELLITES ALREADY INSTALLED UNDER PHASE I OF THIS PROJECT.
- IRRIGATION BURIAL TAPE SHOULD BE INSTALLED THROUGHOUT ENTIRE IRRIGATION MAINLINE AND CONTROL WIRE INSTALLATION.
- SEE PHASE I PLANS BY SOUTHWICK LANDSCAPE ARCHITECTS FOR IRRIGATION WITHIN PHASE I LIMITS OF WORK.
- CCU, IRRIGATION CONTROLLER, AND PUMP ARE LOCATED WEST OF THE EXISTING RESTROOM FACILITY, SEE PHASE I DRAWINGS BY SOUTHWICK LANDSCAPE ARCHITECTS.

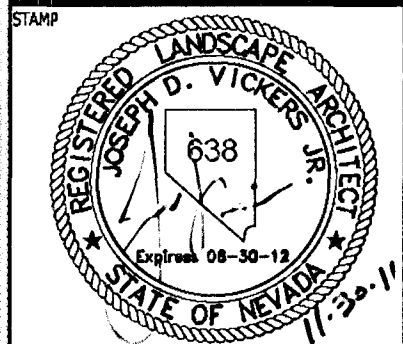


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