

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	GPM	SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
(05)	K-RAIN 14003-SS 05 TURF ROTOR WITH TRIPLE NOZZLE CONFIGURATION, 4.0IN. POP-UP. STAINLESS STEEL WITH FACTORY INSTALLED CHECK VALVE. ADJUSTABLE AND FULL CIRCLE. RADIUS FROM 45FT. TO 77FT. STANDARD NOZZLE.	5	70	7.1	☒	RAIN BIRD XCZ-075-PRF - SHRUB VALVE 3/4" LOW FLOW DRIP CONTROL KIT, 3/4IN. LOW FLOW VALVE, 3/4IN. PRESSURE REGULATING RBY FILTER, AND 30PSI PRESSURE REGULATOR. 0.2GPM-5GPM.	1	☒	K-RAIN 7201 2" 2IN. ELECTRIC REMOTE CONTROL VALVE, FEMALE THREADED. WITH FLOW CONTROL. DESIGNED FOR COMMERCIAL APPLICATIONS.	7	---	TREE IRRIGATION LATERAL LINE: PVC SCHEDULE 40, SIZE PER PLAN	
(15)	K-RAIN 14003-SS 15 TURF ROTOR WITH TRIPLE NOZZLE CONFIGURATION, 4.0IN. POP-UP. STAINLESS STEEL WITH FACTORY INSTALLED CHECK VALVE. ADJUSTABLE AND FULL CIRCLE. RADIUS FROM 45FT. TO 77FT. STANDARD NOZZLE.	1	70	15.4	☒	RAIN BIRD XCZ-075-PRF - TREE VALVE 3/4" LOW FLOW DRIP CONTROL KIT, 3/4IN. LOW FLOW VALVE, 3/4IN. PRESSURE REGULATING RBY FILTER, AND 30PSI PRESSURE REGULATOR. 0.2GPM-5GPM.	3	---	SHRUB IRRIGATION LATERAL LINE: PVC SCHEDULE 40, SIZE PER PLAN		---	TURF IRRIGATION LATERAL LINE: PVC SCHEDULE 40, SIZE PER PLAN	
(20)	K-RAIN 14003-SS 20 TURF ROTOR WITH TRIPLE NOZZLE CONFIGURATION, 4.0IN. POP-UP. STAINLESS STEEL WITH FACTORY INSTALLED CHECK VALVE. ADJUSTABLE AND FULL CIRCLE. RADIUS FROM 45FT. TO 77FT. STANDARD NOZZLE.	24	70	20.5	☒ ☒ ☒ 0.6 1.0 2.0	BOWSMITH ML200 SERIES ML206 0.6GPH MULTI OUTLETT EMITTER, SIX OPEN OUTLETS, 1/2" FPT INLET, 0.6-2.0 GPH FLOWS. (1 SL200 ASSIGNED TO EACH TREE)	47	---	IRRIGATION MAINLINE: PVC SCHEDULE 40, SIZE PER PLAN		---	PIPE SLEEVE: PVC CLASS 200 SDR 21, SLEEVE DIA. = DOUBLE IRRIGATION LINE DIA.	
					☒	AREA TO RECEIVE DRIP EMITTERS BOWSMITH SL200 SERIES SINGLE OUTLET EMITTER, 1/2" FPT WITH BARBED ELBOW OUTLET. SL206 0.6 GPH EMITTERS (1 SL206 ASSIGNED TO EACH 5 GAL. PLANT)	5,045 S.F.	☒	RAIN BIRD 33-DLRC 3/4" QUICK-COUPLING VALVE BRASS WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, LOCKING RUBBER COVER, DOUBLE TRACK KEY LUG, AND 2-PIECE BODY.	3	---	Valve Callout	
								☒	WATTS LF709 4" DOUBLE CHECK DETECTOR ASSEMBLIES	1	---	# •	Valve Number
								☒	RAIN BIRD ESPLXME2-LXMM-LXMMPED 12 STATION, TRADITIONALLY WIRED, COMMERCIAL CONTROLLER. INDOOR/OUTDOOR, PLASTIC WALL-MOUNT ENCLOSURE. INSTALL IN LXMM-LXMMPED POWDER COATED, METAL WALL-MOUNTED CABINET. W/ PEDESTAL, WI-FI READY WITH OPTIONAL LINK-2-WIFI MODULE.	1	---	# •	Valve Flow
								☒	RAIN BIRD CLP03CAC5 3 HP SUCTION BOOST MODEL, PER MANUFACTURER'S SPECS	1	---	# •	Valve Size
								☒	WATER SOURCE (WELL) - 55 PSI MIN (F.V.)	1			

- IRRIGATION PLAN GENERAL NOTES:
- IRRIGATION SYSTEM AND BOOSTER PUMP DESIGNED BASED ON AN ASSUMED MINIMUM WELL PRESSURE OF 50 PSI, PER INFORMATION PROVIDED BY OWNER. CONTRACTOR TO FIELD-VERIFY PRESSURE AT WELL PRIOR TO BIDDING AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
 - EXISTING IRRIGATION VALVES LOCATED IN THIS SCOPE OF WORK THAT FEED NEIGHBORING FIELD(S) TO THE WEST SHALL BE SALVAGED AND RELOCATED AWAY FROM NEW CONSTRUCTION AREAS. CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATING APPLICABLE VALVES AS NEEDED AND SHALL PROVIDE CLEAN, EVEN TRANSITION TO PRESERVE CONTINUITY OF SYSTEM TO ADJACENT AREAS. CONTRACTOR SHALL VERIFY INTEGRITY AND OPERATION OF EXISTING SYSTEM BEFORE AND AFTER CONSTRUCTION AND RELOCATION TO ENSURE PROPER PERFORMANCE OF SYSTEM.
 - ALL EQUIPMENT AS SHOWN ON SCHEDULE OR EQUAL AS APPROVED BY OWNER. SUBSTITUTIONS SHALL BE CONFIRMED WITH OWNER AND LANDSCAPE ARCHITECT PRIOR TO BIDDING.

