

IRRIGATION LEGEND

DESCRIPTION

SYMBOL

EQUIPMENT SYMBOL MANUFACTURER / DESCRIPTION Proposed 1" Irrigation Meter and Backflow Preventer, See Utility Plans for Additional Information Rain Bird ESP8-LXMEF Controller, 8-Station, Outdoor Mount Controller with Flow Smart Module; Coordinate Final Location with Owner; Provide Electrical per Manufacturer's Specifications Rain Bird 100 EFB-CP 1" Master Valve, Normally Closed, with Rain Bird PRS-D Pressure Regulating Module Rain Bird FS100B 1" Brass Flow Sensor Rain Bird XCZ-100-PRB-COM Drip Control Valve Kit with 1" Ball Valve, Pressure Regulator Module and Basket Filter ☐ Flush End Cap AS REQ'D not Rain Bird XBT-20-6 (1 per tree, 6 ports open) AS REQ'D shown Rain Bird XBT-10-6 (1 per shrub, 5 ports open max) SLEEVE SCHEDULE

1 1 () ()	Schedule 40 PVC 2" Lateral Sleeve, Spears or Equal "X" Indicates Quantity			
PIPE SCHEDULE				
SYMBOL	SIZE / DESCRIPTION	<u>QTY</u>		
	1" SCH 40 PVC Mainline	20 LF		
T	SCH 40 PVC Tree Lateral	605 LF		
 \$	SCH 40 PVC Shrub Lateral	755 LF		
	Flow (GPM) Pipe Size Pipe Class			

	5.1-10 10.1-15	3/4" 1"	SCH 40 PVC SCH 40 PVC	
VALVE ZONE ID				
VA	ALVE ZONE —	RIP-TREE		
		1" 11.6 GPM		

SCH 40 PVC

VALVE FLOW

NOTES

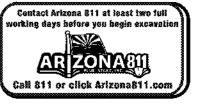
1. IRRIGATION EQUIPMENT IS SHOWN DIAGRAMMATICALLY. ALL EQUIPMENT AND PIPING SHALL BE PLACED WITHIN LANDSCAPE AREAS. AVOID CONFLICTS WITH UTILITIES AND PLANT MATERIALS, TYP.

2. MULTIPLE VALVE OF THE SAME TYPE MAY BE RUN SIMULTANEOUSLY.

HOWEVER, SYSTEM SHALL NOT EXCEED 12.0 GPM AT ANY GIVEN TIME.

GENERAL IRRIGATION NOTES

- 1. CONTRACTOR SHALL REVIEW AND FIELD VERIFY LAYOUT OF ALL IRRIGATION SYSTEM COMPONENTS AND HAVE THE LAYOUT APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO STARTING INSTALLATION.
- 2. ALL PIPING AND WIRING PLACED UNDER PAVED AREAS SHALL BE PER PLAN DETAILS. SLEEVE INSTALLATIONS SHALL BE COMPLETED PRIOR TO THE START OF ANY PAVING OPERATIONS (SEE ENGINEERING PAVING PLANS). WHERE NECESSARY, VERIFY EXISTING SLEEVE LOCATIONS AND DETERMINE CONDITION AND COMPATIBILITY WITH DESIGN PRIOR TO THE START OF ANY OTHER WORK. SLEEVING BENEATH EXISTING PAVEMENTS SHALL BE INSTALLED BY BORING UNLESS OTHERWISE APPROVED BY THE OWNER'S REPRESENTATIVE.
- 3. THE IRRIGATION SYSTEM LAYOUT SHOWN ON THE DRAWINGS IS GENERALLY SCHEMATIC. ALL VALVES, COMPONENTS, PIPING, FITTINGS AND EQUIPMENT SHALL BE LOCATED WITHIN LANDSCAPE AREAS UNLESS SLEEVED OR OTHERWISE SHOWN OR APPROVED BY THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING NEW IRRIGATION SYSTEM COMPONENTS AND POINT OF CONNECTION WHICH WILL PROVIDE FULL AUTOMATIC OPERATION AND 100% COMPLETE COVERAGE TO ALL PLANTS AS INDICATED ON THE PLANS WITHOUT RUN-OFF OR OVERTHROW ONTO ANY PAVED SURFACES.
- 4. REFER TO DETAILS FOR INSTALLATION PROCEDURES.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL PIPING NECESSARY TO PROVIDE A COMPLETE AND FULLY OPERATIONAL IRRIGATION SYSTEM INCLUDING ALL SUB-LATERAL PIPING, FITTINGS, AND RISERS TO EACH PLANT EMITTER AS SPECIFIED AND AS DETAILED, WHETHER OR NOT PIPING IS SHOWN ON THE PLANS.
- 6. ANY SUBSTITUTIONS OR OMISSIONS OF IRRIGATION COMPONENTS AND EQUIPMENT MUST BE APPROVED IN WRITING BY OWNER'S REPRESENTATIVE PRIOR TO STARTING INSTALLATION.
- 7. VALVE BOXES AND LIDS SHALL BE COLORED GREEN WHEN LOCATED IN TURF AREAS AND COLORED TAN WHEN LOCATED IN ROCK MULCH AREAS.



orn

Kimley
1001 W Sout



IRRIGATION PLAN

PROJECT No. 291673000 SCALE (H): 1"=20' SCALE (V):

DRAWN BY: DVC
DESIGN BY: DVC
CHECK BY: RAS

DATE: 12/14/2023



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14 OF 15 SHEETS