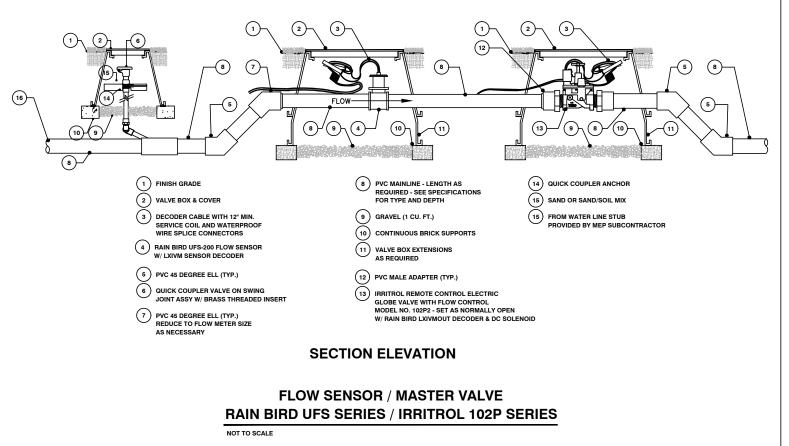
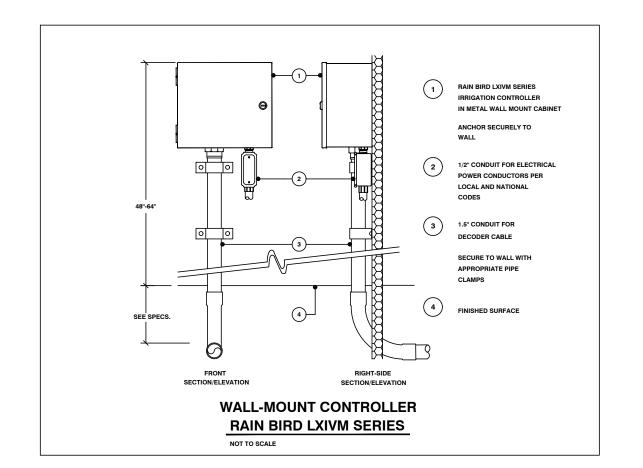
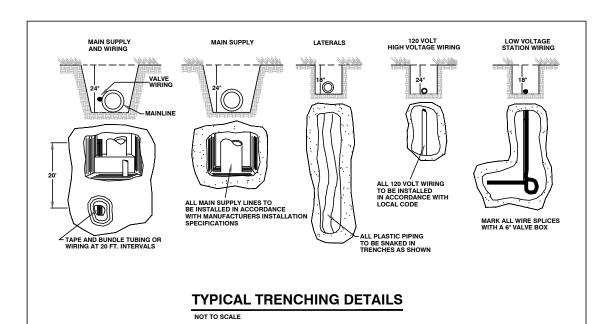
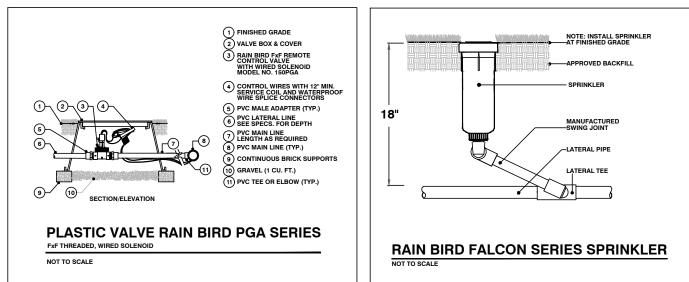


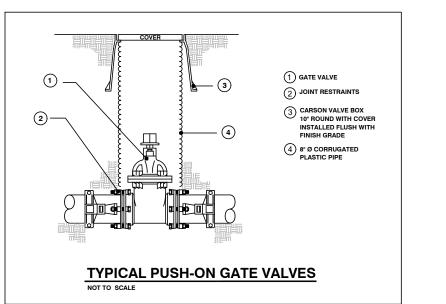
(IN FEET) 1 inch = 40 ft.











## IRRIGATI

GATION S	SCHEDULE	TRIAD ENGINEERING, INC.
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	
64	Rain Bird 11004 64 Turf Rotor, 4.0in. Gear Driven Pop-Up, Plastic Riser, Standard Nozzle. With Seal-A-Matic Check Valve, Adjustable arc, and Full-Circle. 1.5in. ACME Female Threaded Inlet.	GINE
<b>1</b> .0	Rain Bird 5006-PC-LA 1.0 Turf Rotor, 6in. Pop-Up, Plastic Riser. Adjustable to Full Circle. Low Angle Nozzle.	
<b>2</b> .0	Rain Bird 5006-PC-LA 2.0 Turf Rotor, 6in. Pop-Up, Plastic Riser. Adjustable to Full Circle. Low Angle Nozzle.	
12	Rain Bird 6504-PC, FC 12 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.	
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	
	Rain Bird IVM-PGA Globe 1" 1in., 1-1/2in., 2in. Electric Remote Control Smart Valve, Globe. w/ Factory Installed IVM-SOL	
	Rain Bird IVM-PGA Globe 1-1/2" 1in., 1-1/2in., 2in. Electric Remote Control Smart Valve, Globe. w/ Factory Installed IVM-SOL	
•	Rain Bird 5-RC 1" 1in. Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Thermoplastic Rubber Cover, and 1-Piece Body.	
	Nibco P-619-RW 2in. to 12in. cast iron gate valve, same size as mainline pipe where located. Resilient wedge non-rising stem flow control with IPS push-on ends.	
	Nibco T-113-K Class 125 bronze gate shut off valve with cross handle, same size as mainline pipe diameter at valve location. Size Range - 1/4in 3in.	
MV	Irritrol 100P-G 2" 1in3in. Electric Remote Control Valve, globe configuration. Pressure range of 20psi-220psi. Optional modular pressure regulation	
С	Rain Bird ESPLXIVM-LXMM 60 Station, 2-Wire Controller w/ Smart Valve Technology. (1) ESPLXIVM 60-Station, Indoor/Outdoor, Plastic Wall-Mount Enclosure. Installed in LXMM Powder Coated, Metal Wall-Mounted Cabinet. System Requirements: Rain Bird LXIVM-XXX Integrated Valve Modules & 2-Wire Devices. Use Paige Electric Cable P7072D & Rain Bird WC20 Dry Splices ONLY. Ground System w/ (X) LXIVMSD Surge Device in Rain Bird Round Valve Boxes. Install Per Manufacturers Recommendations.	E: 5-C-3-0
LA	Rain Bird LXIVMSD Surge Device provides necessary protection on the ESPLXIVM(P) Controller, 2 Wire Path. Install (1) LXIVMSD Every 500ft or 15 Field Devices (Whichever is Smaller).	CADD FILE:
SD	Rain Bird LXIVMSEN Sensor Device interfaces w/ Flow or Weather Sensor and ESP-LX-IVM(P) Controller. Flow Sensor can be installed anywhere on the 2-Wire Path.	DOCUMENTS APPROVED E DULY LICENS LANDSCAPE LAWS OF THI LICENSE NO.
RS	Rain Bird WR2-RFC Wireless Rain and Freeze Sensor Combo, includes 1 receiver and 1 rain/freeze sensor transmitter.	EXPIRATION
FS	Rain Bird UFS-200 2in. Ultrasonic Flow Sensors, with Glass Filled Nylon Body. Operating Range 1 GPM to 200 GPM. Size for Flow Not According to Pipe Size.	
X	Cap for future use	1111

Cap for future use Cap at the mainline or lateral line for future use. The pressure and flow provided to that location are indicated next to the cap

Point of Connection 3" POC: Tie into existing water supply downstream of backflow preventer. Contractor shall verify backflow can support 110 GPM

Irrigation Lateral Line: PVC Class 200 SDR 21 1"

Irrigation Lateral Line: PVC Class 200 SDR 21 1 1/2" Irrigation Lateral Line: PVC Class 200 SDR 21 2"

---- Irrigation Mainline: PVC Class 200 SDR 21 1" Irrigation Mainline: PVC Class 200 SDR 21 2"

---- Irrigation Mainline: PVC Class 200 SDR 21 3"

Pipe Sleeve: PVC Schedule 40

1. GEOTHERMAL GRID SHALL BE MARKED BY ALLEGANY COLLEGE FACILITIES GROUP PRIOR TO IRRIGATION INSTALLATION. IRRIGATION INSTALLER SHALL MARK SPRINKLER LOCATIONS AND PIPE ROUTINGS FOR APPROVAL BY ALLEGANY COLLEGE PROJECT MANAGER PRIOR TO INSTALLATION. EVERY REASONABLE PRECAUTIONS SHALL BE USED TO AVOID DISRUPTION TO GEOTHERMAL GRID SYSTEM. ANY EXCAVATIONS CROSSING PORTIONS OF THE GEOTHERMAL GRID SYSTEM SHALL BE PERFORMED BY HAND. 2. IRRIGATION SYSTEM SHALL BE BE FLOOD-PROOF AND MEET NECESSARY CODES FOR INSTALLATION IN A FLOOD PLAIN.

	SOIL TYPE ON SITE		
SYMBOL	DESCRIPTION		HYDROLOGIC SOILS GROUP
LnA	LINDSIDE SILT LOAM, 0 TO 3 PERCENT SLOPES	0.32	С

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