

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
	Rain Bird 1800-1400 Flood Flood Bubbler on fixed riser	58	40
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
	Rain Bird XCZ-100-PRF 1" Medium Flow Drip Control Kit, 1" DV valve, 1" pressure regulating filter, 40psi pressure regulator. 3gpm - 15gpm.	5	
	Rain Bird XCZ-150-PRB-COM 1-1/2" High Flow Control Zone Kit, for Large Commercial Drip Zones. 1-1/2" PESB Valve with two 1" Pressure Regulating (40psi) Quick-Check Basket Filters. Flow range: 15-40gpm.	1	
	Pipe Transition Point Pipe transition point from PVC lateral to drip tubing with riser.	18	
	Area to Receive Dripline Rain Bird XFD-09-12-NP XFD On-Surface Pressure Compensating Landscape Dripline. 0.9 GPH emitters at 12" O.C. Dripline laterals spaced at 12" apart, with emitters offset for triangular pattern. UV Resistant. Specify XF insert fittings.	3,227 l.f.	
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
	Rain Bird PESBR-PRS-D 1" 1", 1-1/2", and 2" Durable Chlorine-Resistant Valves for Reclaimed Water Applications. With Scrubber Mechanism Technology, Purple Flow Control Handle, and Pressure Regulator Module.	2	
	Febco 765 1" Pressure Vacuum Breaker, brass with ball valve SOV. Install 12" (305MM) above highest downstream outlet and the highest point in the downstream piping.	1	
	Rain Bird ESP12LXMEF 12 Station Commercial Controller. Plastic Wall mount. Flow sensing	1	
	Rain Bird WR2-RFC Wireless Rain and Freeze Sensor Combo, includes 1 receiver and 1 rain/freeze sensor transmitter.	1	
	Water Meter 1" METER	1	
	Irrigation Lateral Line: PVC Class 160 SDR 26 1/2"	2,100 l.f.	
	Irrigation Lateral Line: PVC Class 160 SDR 26 3/4"	75.2 l.f.	
	Irrigation Lateral Line: PVC Class 160 SDR 26 1"	8.4 l.f.	
	Irrigation Mainline: PVC Schedule 40 1/2"	250.7 l.f.	
	Irrigation Mainline: PVC Schedule 40 1"	282.5 l.f.	
	Irrigation Mainline: PVC Schedule 40 1 1/2"	265.2 l.f.	
	Valve Callout Valve Number Valve Flow Valve Size		

NOTES:

PIPE ROUTING AND VALVE LOCATIONS ARE DIAGRAMMATICAL ONLY.
IRRIGATION CONTRACTOR IS TO AVOID ANY CONFLICT WITH THE TREE AND SHRUB
PLANTINGS.

ALL MAINLINES ARE TO BE 2" sch. 40 P.V.C.
ALL LATERALS ARE TO BE sch. 160 P.V.C. OF THE SIZE NOTED.
ALL HEADS TO HAVE RECLAIMED WATER USE INDICATORS.
ALL PIPES SHALL BE PURPLE IN COLOR TO DENOTE USE OF RECLAIMED WATER.
ALL PAVEMENT CROSSINGS ARE TO BE MADE IN SLEEVES THAT ARE TWO PIPE SIZES
LARGER THAN THE CROSSING.

NO IRRIGATION HEADS TO BE LOCATED WITHIN 24" OF ANY BUILDING.
EXACT LOCATION OF UNDERGROUND UTILITIES SHOULD BE VERIFIED PRIOR TO
CONSTRUCTION.

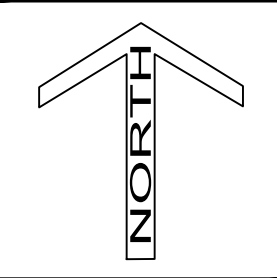
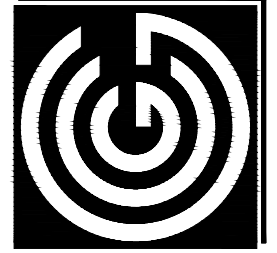
DESIGN PRESSURE IS 60 PSI WITH 37.5 GALLONS PER MINUTE AT THE POINT OF
CONNECTION.



Digitally signed by
Timothy W Green
Date: 2023.01.18
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Irrigation Plan

Forward Paths
Eustis, Florida



Drawing Number: 1469-04
Originated From: 1469-03
Date: January 18, 2023
Scale: 1" = 20'
Drawn By: PAH
Layout: 24"x36"

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