

1 1/2" = 1'-0"

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
 Image: Image: Ima	Rain Bird 1806-PRS ADJ Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. Pressure Regulating.	30	30
3000000000000000000000000000000000000	Rain Bird 1806-PRS ADJ Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. Pressure Regulating.	57	30
EST LCS RCS CST SST	Rain Bird 1800-PA-8S-PRS 15 Strip Series Shrub Spray on fixed riser with the PA-8S-PRS Pressure Regulating Shrub Adapter. Use with 1/2" MPT threaded risers.	9	30
(4) (6) (18) 4V 6V 18V	Rain Bird 1800-PA-8S-PRS ADJ Shrub Spray on fixed riser with the PA-8S-PRS Pressure Regulating Shrub Adapter. Use with 1/2" MPT threaded risers.	44	30
8 08he-van (12) 12he-van 10 10he-van (15) 15he-van	Rain Bird 1800-PA-8S-PRS ADJ Shrub Spray on fixed riser with the PA-8S-PRS Pressure Regulating Shrub Adapter. Use with 1/2" MPT threaded risers.	58	30
-00-101 XX CSTQHF	Rain Bird 1800-5 Series Stream Stream Bubbler on fixed riser.	10	15
SYMBOL	MANUFACTURER/MODEL		
•	Rain Bird PEB-PRS-D		
	Irrigation Lateral Line: PVC Schedule 40		
	Irrigation Mainline: PVC Schedule 40		
	Pipe Sleeve: PVC Class 200 SDR 21		
	Valve Callout	I	
# •	———— Valve Number		
#" #●-	Valve Flow		
	Valve Size		

CRITICAL	ANAI	YSIS
		1010

Generated:	2023-03-21 10:20
P.O.C. NUMBER: 01 Water Source Information:	
FLOW AVAILABLE Water Meter Size: Flow Available	1-1/2" 46.59 GPM
PRESSURE AVAILABLE Static Pressure at POC: Elevation Change: Service Line Size: Length of Service Line: Pressure Available:	65 PSI 5.00 ft 1 1/2" 20 ft 62 PSI
DESIGN ANALYSIS Maximum Station Flow: <u>Flow Available at POC:</u> Residual Flow Available:	27.82 GPM 46.59 GPM 18.77 GPM
Critical Station: Design Pressure: Friction Loss: Fittings Loss: Elevation Loss: Loss through Valve: Pressure Req. at Critical Station: Loss for Fittings: Loss for Fittings: Loss for POC to Valve Elevation: Loss for POC to Valve Elevation: Loss for Backflow: Loss for Water Meter: Critical Station Pressure at POC: Pressure Available: Residual Pressure Available:	1 30 PSI 1.94 PSI 0.19 PSI 0 PSI 3.67 PSI 35.8 PSI 0.57 PSI 5.74 PSI 0 PSI 12.2 PSI 1.58 PSI 55.8 PSI 62 PSI 6.15 PSI

