



Water Source #1	
Meter Size	5/8 inch meter
Static Pressure	62 psi
Elevation	0 ft

Service Line Information	
Pipe Category	Type K Copper
Pipe Size	Type K Copper 1 1/4"
Length	10 ft
Velocity	5 fps

Recommendations	
Maximum Recommended Flow	12 gpm
Available Working Pressure	51.23 psi

Run Set: 3

Water Source #1	
Description	
Type	Meter
Static Pressure	62 psi
Service Line	0.017 psi
Meter Loss	0.614 psi

Mainline Components	
Backflow Loss	5.396 psi
Master Valve Loss	1.411 psi
Filter Loss	0 psi

Zone 3 @ 3.49 gpm	
Mainline Loss	0.03 psi
Valve Loss	1.411 psi
Lateral Loss	0.118 psi
Fittings Loss	0.015 psi
Elevation Loss	0 psi
Sprinkler Requirement	30 psi
Total Design Pressure	39.016 psi
Residual Pressure	22.984 psi

Irrigation

Quantity	Symbol	Description	Part Number	Pressure	Flow	Radius
Sprinklers						
1	●	Hunter 10H	10H	30 psi	0.88 gpm	10 ft
1	●	Hunter 12H	12H	30 psi	1.3 gpm	12 ft
5	●	Hunter 12Q	12Q	30 psi	0.67 gpm	12 ft
2	●	Hunter 6H	6H	30 psi	0.98 gpm	6 ft
4	●	Hunter 6Q	6Q	30 psi	0.51 gpm	6 ft
2	●	Hunter MP2000 180°	MP2000 90-210°	40 psi	0.77 gpm	19 ft
2	●	Hunter MP2000 90°	MP2000 90-210°	30 psi	0.38 gpm	18 ft
4	●	Hunter MP3000 90°	MP3000 90-210°	30 psi	0.76 gpm	27 ft
1	○	Hunter PCB-10	PCB-10	25 psi	1 gpm	0 ft

Meters/Pumps	
1	MI 5/8 inch meter
Backflow Assemblies	
1	FB Febco 850 - 3/4"
Control Valves	
1	HV Hunter PGV-100G-S
5	HV Hunter PGV-100G-S
Irrigation Accessories	
1	RB Rain Bird ESP-TM2 (6 Stations)
1	RB Rain Bird Rain Check
1	SP Spears 1" White PVC - Socket
Lateral Line Pipe	
215 ft	Class 315 1/2"
212 ft	Class 200 3/4"
Mainline Pipe	
2 ft	Class 200 3/4"
157 ft	Class 200 1"
Drip Tubing	
118 ft	Rain Bird XFS-06-12

SHEET: 1 of 1 SCALE: 1" = 20' CHECKED BY: YVETTE JIMENEZ DRAWN BY: JESUS D TORRES JOB NUMBER: 1234 DATE: 1/1/25 REVISIONS: None	PROJECT: Irrigation Design Example	SHEET DESCRIPTION: IRRIGATION DESIGN	Company Name Address City, State 12345 (123) 456-7890
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