

Irrigation

Symbol	Description	Pressure	Flow	Radius
Sprinklers				
10H on 4" pop-up	10H on 4" pop-up	30 psi	0.79 gpm	10 ft
10Q on 4" pop-up	10Q on 4" pop-up	30 psi	0.39 gpm	10 ft
10T on 4" pop-up	10T on 4" pop-up	30 psi	0.53 gpm	10 ft
12F on 4" pop-up	12F on 4" pop-up	30 psi	2.6 gpm	12 ft
12H on 4" pop-up	12H on 4" pop-up	30 psi	1.3 gpm	12 ft
12Q on 4" pop-up	12Q on 4" pop-up	30 psi	0.65 gpm	12 ft
15F on 4" pop-up	15F on 4" pop-up	30 psi	3.7 gpm	15 ft
15H on 4" pop-up	15H on 4" pop-up	30 psi	1.85 gpm	15 ft
15Q on 4" pop-up	15Q on 4" pop-up	30 psi	0.92 gpm	15 ft
15T on 4" pop-up	15T on 4" pop-up	30 psi	1.23 gpm	15 ft
15TQ on 4" pop-up	15TQ on 4" pop-up	30 psi	2.78 gpm	15 ft

Water Source

3/4 inch meter

Backflow Assemblies

1" Pressure Vacuum Breaker

Control Valves

Control Valve

Irrigation Accessories

Rain/Freeze Sensor

Controller

1" Isolation Valve

Lateral Line Pipe

Class 315 1/2"

Class 200 3/4"

Class 200 1"

Mainline Pipe

Schedule 40 PVC

Drip Tubing

Drip Tubing

Station / Zone: 2

Water Source

Type	Meter
Static Pressure	60 psi
Service Line	0.999 psi
Meter Loss	3.048 psi

Mainline Components

Backflow Loss	3.693 psi
Master Valve Loss	0 psi
Filter Loss	0 psi

Zone 2 @ 13.87 gpm

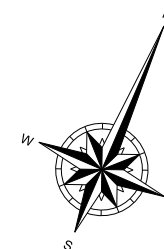
Mainline Loss	2.18 psi
Valve Loss	1.342 psi
Lateral Loss	0.446 psi
Fittings Loss	0.262 psi
Elevation	0 psi
Sprinkler Requirement	30 psi
Total Design Pressure	41.705 psi
Residual Pressure	18.295 psi

NOTE: Pressure regulation is controlled at the nozzle. 4" pop-up's are pressure regulated to 30 psi.



John B. Doe

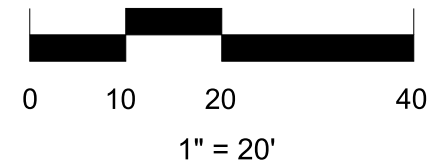
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Water Source #1	
Meter Size	3/4 inch meter
Static Pressure	60 psi
Elevation Change	0 ft

Service Line Information	
Pipe Category	Poly 100
Pipe Size	Poly 100 1"
Length	20 ft
Velocity	5 fps

Recommendations	
Maximum Recommended Flow	13.47 gpm
Available Working Pressure	52.21 psi



NOTE: Sample design only - designs should reflect local codes and specifications.

