

Irrigation

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

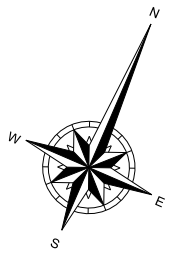
| | |
|-----------------------|------------|
| Mainline Loss | 2.18 psi |
| Valve Loss | 1.342 psi |
| Lateral Loss | 0.446 psi |
| Fittings Loss | 0.262 psi |
| Elevation | 0 psi |
| Sprinkler Requirement | 30 psi |
| Total Design Pressure | 41.705 psi |
| Residual Pressure | 18.295 psi |

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



John B. Doe

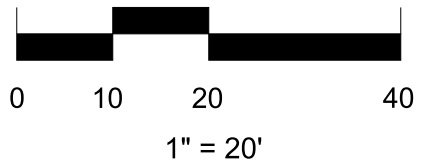
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| Water Source #1 | |
|------------------|----------------|
| Meter Size | 3/4 inch meter |
| Static Pressure | 60 psi |
| Elevation Change | 0 ft |

| 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.