

Run Set: 2

Water Source #1	
Type	Meter
Static Pressure	80 psi
Service Line	0 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	4.5 psi
Valve Loss	1.342 psi
Lateral Loss	0.446 psi
Elevation	0 psi
Sprinkler Requirement	30 psi
Total Design Pressure	43.024 psi
Residual Pressure	36.976 psi

Sprinkler Zone Data

Zone #	Total Area	Total Flow	Precip Rate
1	1405.9 Sq/Ft	12.87 gpm	0.96 in/hr
2	1246.89 Sq/Ft	13.87 gpm	1.5 in/hr
3	1420.31 Sq/Ft	13.87 gpm	1.48 in/hr
4	1127.34 Sq/Ft	10.92 gpm	1.44 in/hr
5	1603.85 Sq/Ft	12.95 gpm	1.55 in/hr
6	1313.06 Sq/Ft	11.31 gpm	1.28 in/hr
7	886.15 Sq/Ft	13.11 gpm	1.6 in/hr
8	706.96 Sq/Ft	11.53 gpm	1.5 in/hr

Drip Zone Data

Zone #	Total Area	Total Flow	Precip Rate
9	597.52 Sq/Ft	237.61 gph	0.64 in/hr

Water Source #1

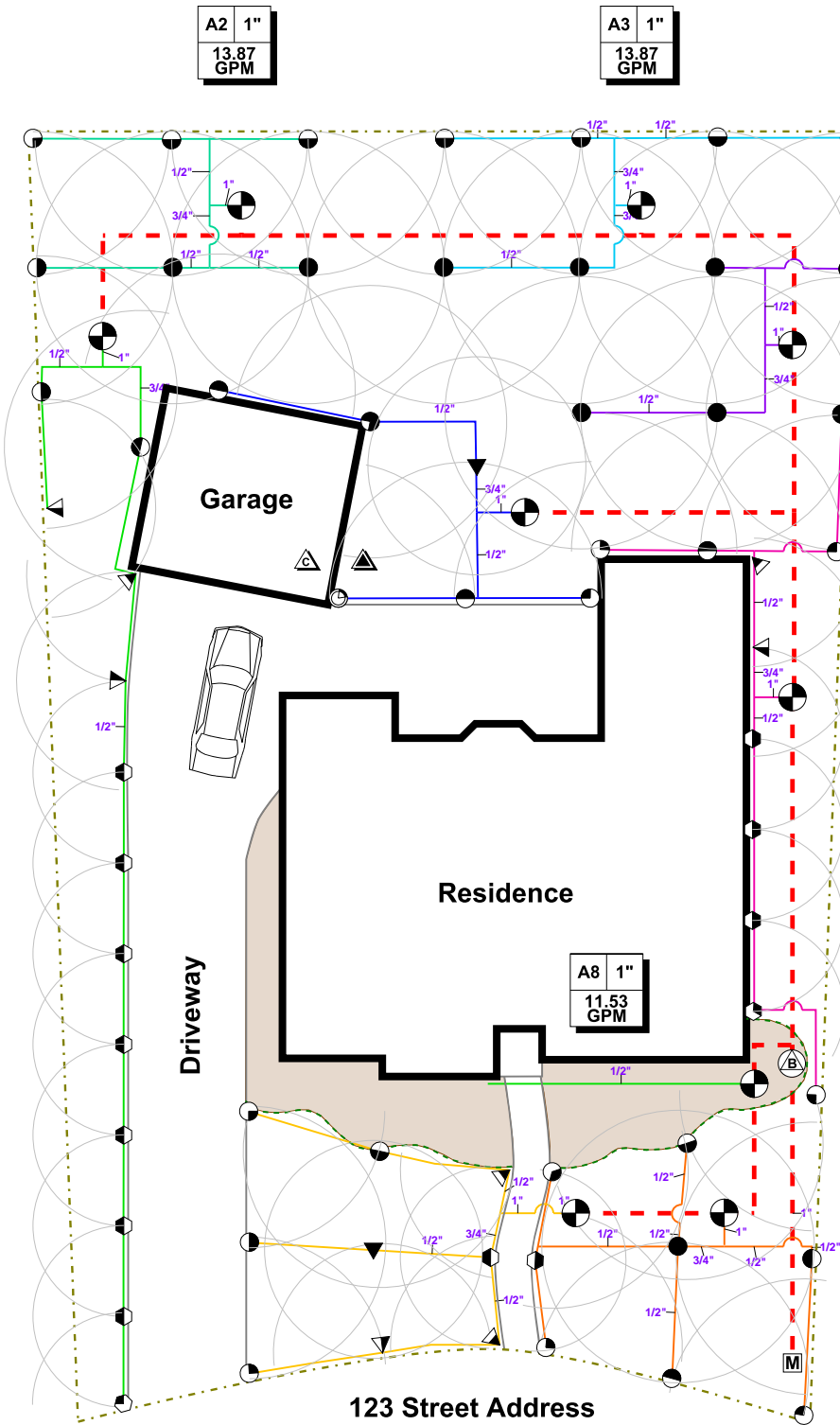
Meter Size	3/4 inch meter
Static Pressure	80 psi
Elevation Change	0 ft

Service Line Information

Pipe Category	Schedule 40 PVC
Pipe Size	Schedule 40 1"
Length	0 ft
Velocity	5 fps

Recommendations

Maximum Recommended Flow	13.47 gpm
Available Working Pressure	72 psi



Irrigation

Qty	Symbol	Description	Part Number	Pressure	Flow	Radius
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Sprinklers						
12	☉	Rain Bird 10H - 1804		30 psi	0.79 gpm	10 ft
1	☉	Rain Bird 10Q - 1804		30 psi	0.39 gpm	10 ft
1	☉	Rain Bird 10T - 1804		30 psi	0.53 gpm	10 ft
2	▶	Rain Bird 12F - 1804		30 psi	2.6 gpm	12 ft
4	▽	Rain Bird 12H - 1804		30 psi	1.3 gpm	12 ft
4	▽	Rain Bird 12Q - 1804		30 psi	0.65 gpm	12 ft
8	●	Rain Bird 15F - 1804		30 psi	3.7 gpm	15 ft
18	●	Rain Bird 15H - 1804		30 psi	1.85 gpm	15 ft
10	☉	Rain Bird 15Q - 1804		30 psi	0.92 gpm	15 ft
1	☉	Rain Bird 15T - 1804		30 psi	1.23 gpm	15 ft
1	☉	Rain Bird 15TQ - 1804		30 psi	2.78 gpm	15 ft
1	☉	Rain Bird 15-VAN 90 - 1804		30 psi	0.92 gpm	15 ft

Water Source

1	Ⓜ	3/4 inch meter	
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Backflow Devices

1	Ⓢ	Febco 765 - 1"	
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Control Valves

9	Ⓢ	Hunter HBV-101E	
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Irrigation Accessories

1	Ⓢ	Hunter MINI-CLIK	
1	Ⓢ	Hunter PC-1200	PC-1200

Lateral Line Pipe

656.71 ft	—	Class 315 1/2"	
99.23 ft	—	Class 200 3/4"	
34.07 ft	—	Class 200 1"	

Mainline Pipe

289.48 ft	—	Class 200 1"	
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Drip Tubing

398.35 ft	—	Netafim TLDL9-18	TLDL9-18
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General

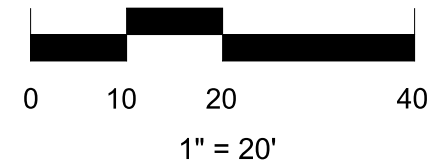
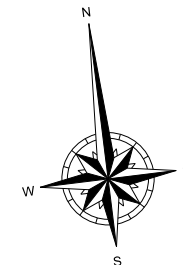
Wire

341.86 ft	—	12 Gauge	
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John B. Doe

January 1, 2009



Company Name
Address
City, State 12345
(123) 456-7890

SHEET DESCRIPTION:
Irrigation Design

PROJECT:
Project Name
Address
City, State 12345
(123) 456-7890

REVISIONS:
None

DATE:
1/1/09
JOB NUMBER:
12345
DRAWN BY:
John Doe
CHECKED BY:
John Smith

SCALE:
1" = 20'

SHEET:
1 of 1