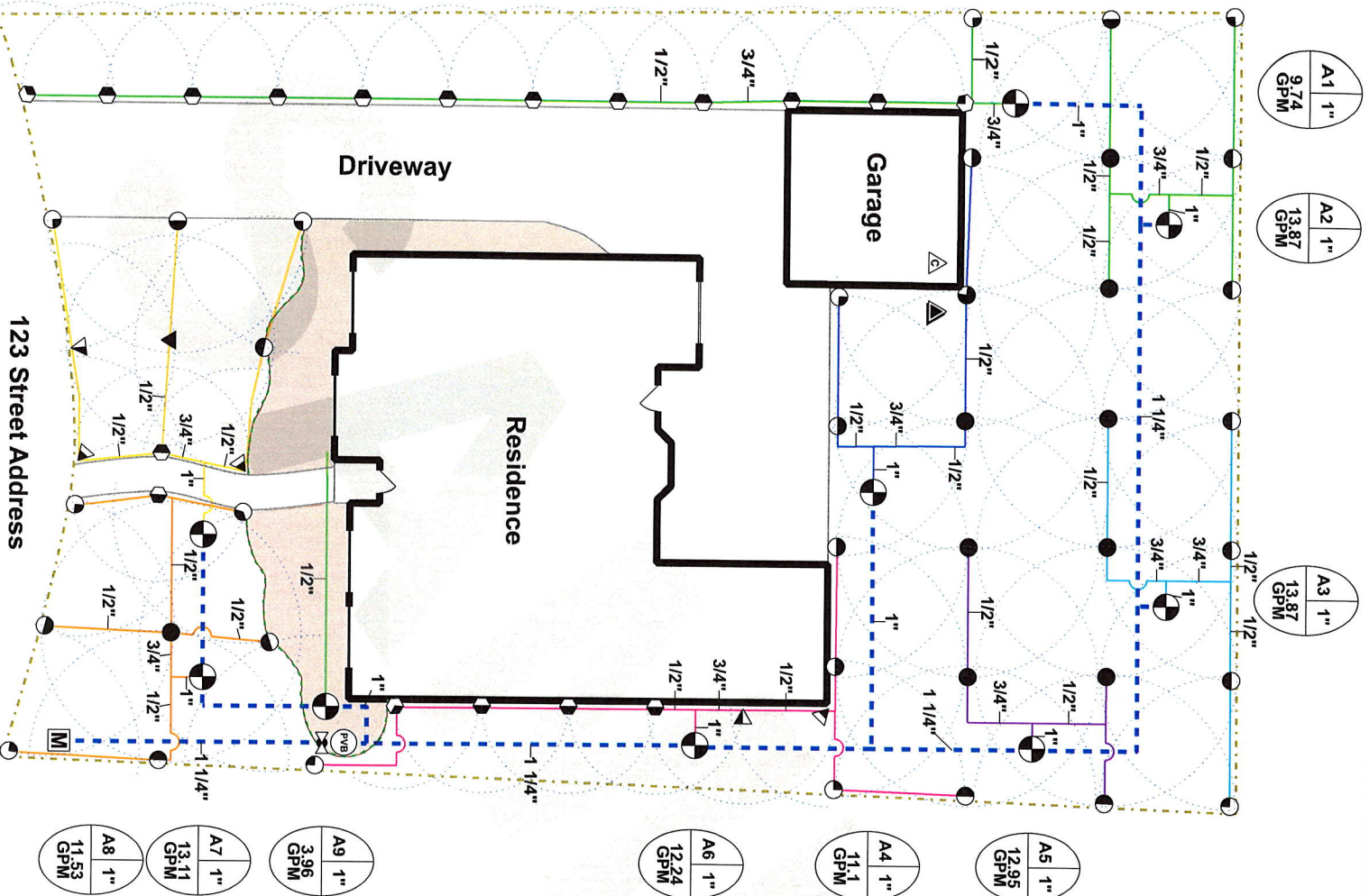




Irrigation

Symbol	Description	Pressure	Flow	Radius
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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

M	3/4 inch meter	Station / Zone: 2
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Backflow Assemblies				
1	1" Pressure Vacuum Breaker	Type	Meter	
2	1" Pressure Vacuum Breaker	Static Pressure	60 psi	
3	1" Pressure Vacuum Breaker	Service Line	0.999 psi	
4	1" Pressure Vacuum Breaker	Meter Loss	3.048 psi	

Control Valves				
1	Control Valve			

Irrigation Accessories				
1	Rain/Freeze Sensor			
2	Controller			
3	1" Isolation Valve			

Mainline Components				
1	Backflow Loss	3.693 psi	0 psi	
2	Master Valve Loss	0 psi	0 psi	
3	Filter Loss	0 psi	0 psi	

Lateral Line Pipe				
1	Class 315 1/2"	Mainline Loss	2.18 psi	
2	Class 200 3/4"	Valve Loss	1.342 psi	
3	Class 200 1"	Lateral Loss	0.446 psi	
4	Class 200 1"	Fittings Loss	0.262 psi	
5	Class 200 1"	Elevation	0 psi	

Mainline Pipe				
1	Schedule 40 PVC	Sprinkler Requirement	30 psi	
2	Schedule 40 PVC	Total Design Pressure	41.705 psi	
3	Schedule 40 PVC	Residual Pressure	18.295 psi	

Drip Tubing				
1	Drip Tubing			

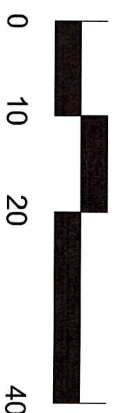
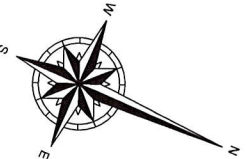
NOTE: Pressure regulation is controlled at the nozzle. 4" pop-up's are pressure regulated to 30 psi.



John B. Doe

January 1, 2009

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	



1" = 20'

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