



Water Source #1	
Mainline Size	1 inch meter
Static Pressure	100 psi
Elevation Change	10 ft
Service Line Information	
Pipe Category	
Pipe Size	1/2 in
Length	5 ft
Velocity	5 ft/s
Recommendations	
Maximum Recommended Flow	31 gpm
Available Working Pressure	104 psi

Irrigation

Quantity	Symbol	Description	Part Number	Pressure	Flow	Radius
Sprinklers						
4	●	Rain Bird 10F - 1804	10F	30 psi	1.58 gpm	10 ft
14	●	Rain Bird 10H - 1804	10H	30 psi	0.79 gpm	10 ft
3	●	Rain Bird 10T - 1804	10T	30 psi	0.53 gpm	10 ft
4	●	Rain Bird 15EST - 1804	15EST	30 psi	0.61 gpm	15 x 4 ft
17	●	Rain Bird 15SST - 1804	15SST	30 psi	1.21 gpm	30 x 4 ft
11	●	Rain Bird 5000 Series 1.5 LA - 5004-PL-PC-2.0	1.5 LA	45 psi	1.58 gpm	31 ft
1	●	Rain Bird 5000 Series 2.0 - 5004-PL-PC-2.0	2.0	45 psi	2.07 gpm	37 ft
30	●	Rain Bird 5000 Series 2.0 LA - 5004-PL-PC-3.0	2.0 LA	45 psi	2.02 gpm	32 ft
1	●	Rain Bird 5000 Series 2.5 - 5004-PL-FC	2.5	45 psi	2.51 gpm	37 ft
1	●	Rain Bird 5000 Series 3.0 LA - 5004-PL-FC	3.0 LA	45 psi	3.07 gpm	35 ft
2	●	Rain Bird 5T - 1804	5T	30 psi	0.13 gpm	5 ft
51	●	Rain Bird 6-VAN 180 - 1804	6-VAN	30 psi	0.6 gpm	6 ft
1	●	Rain Bird 6-VAN 330 - 1804	6-VAN	30 psi	1.2 gpm	6 ft
30	●	Rain Bird 8H - 1804	8H	30 psi	0.52 gpm	8 ft
3	●	Rain Bird 8Q - 1804	8Q	30 psi	0.26 gpm	8 ft
3	●	Rain Bird 8T - 1804	8T	30 psi	0.35 gpm	8 ft

Meters/Pumps	
1	M 1 inch meter
Backflow Devices	
1	⊕ Wilkins 375 - 1" 375 - 1"
Control Valves	
13	⊕ Hunter PGV-100A PGV-100A
Irrigation Accessories	
1	⊕ Hunter MINI-CLIK MINI-CLIK
1	⊕ Hunter PCC-1500 PCC-1500
Lateral Line Pipe	
1631 ft	Class 315 1/2"
669 ft	Class 200 3/4"
177 ft	Class 200 1"
27 ft	Class 200 1 1/4"
Mainline Pipe	
1251 ft	--- Schedule 40 1 1/4" 0
Sleeving	
46 ft	--- Schedule 40 4" 0

SCALE: 1" = 16'
 SHEET: 1 of 1
 DATE: 09/25/14
 JOB NUMBER: 09/25/2014
 DRAWN BY: Daniel Todd
 CHECKED BY: dt
 REVISIONS: 6121
 Daniel E. Todd
 6121

PROJECT:
SHEET DESCRIPTION:
Irrigation Design
 BackflowInspector.com
 Dan@BackflowInspector.com
 713-518-9660