



### Irrigation

Quantity	Symbol	Description	Part Number	Pressure	Flow	Radius
5	●	Rain Bird 10H - 1804	10H	30 psi	0.79 gpm	10 ft
4	●	Rain Bird 10Q - 1804	10Q	30 psi	0.39 gpm	10 ft
2	●	Rain Bird 15EST - 1804	15EST	30 psi	0.61 gpm	15 x 4 ft
4	●	Rain Bird 15SST - 1804	15SST	30 psi	1.21 gpm	30 x 4 ft
1	●	Rain Bird 4-VAN 180 - 1804	4-VAN	30 psi	0.45 gpm	4 ft
3	●	Rain Bird 4-VAN 90 - 1804	4-VAN	30 psi	0.29 gpm	4 ft
17	●	Rain Bird 5H - 1804	5H	30 psi	0.2 gpm	5 ft
3	●	Rain Bird 5Q - 1804	5Q	30 psi	0.1 gpm	5 ft
1	●	Rain Bird 5T - 1804	5T	30 psi	0.13 gpm	5 ft
5	●	Rain Bird 6-VAN 180 - 1804	6-VAN	30 psi	0.6 gpm	6 ft
6	●	Rain Bird 6-VAN 90 - 1804	6-VAN	30 psi	0.37 gpm	6 ft
20	●	Rain Bird 8H - 1804	8H	30 psi	0.52 gpm	8 ft
7	●	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

Water Source #1	
Meter Size	5/8 inch meter
Static Pressure	58 psi
Elevation Change	0 ft

Service Line Information	
Pipe Category	
Pipe Size	
Length	0 ft
Velocity	5 fps

Recommendations	
Maximum Recommended Flow	12 gpm
Available Working Pressure	52.2 psi

Meters/Pumps	
1	5/8 inch meter
Backflow Devices	
1	Febco 765 - 1"
Control Valves	
6	Hunter PGV-100G
Irrigation Accessories	
1	Hunter MINI-CLIK
1	Hunter PCC-600I
1	Spears 1" Gray PVC - Socket
Lateral Line Pipe	
604 ft	Class 315 1/2"
83 ft	Class 200 3/4"
Mainline Pipe	
199 ft	Schedule 40 1"

REVISIONS:  
 NONE  
 PROJECT: Daniel E. Todd  
 6121  
 STATE OF ILLINOIS  
 PROFESSIONAL ENGINEER  
 LICENSE NO. 6121  
 DATE: 20 Feb 2015  
 JOB NUMBER: 20 Feb 2015  
 DRAWN BY: Daniel Todd  
 CHECKED BY:

PROJECT:

SHEET DESCRIPTION:  
**Sprinkler Design**

Water Works Irrigation  
 713-518-9660