

Irrigation

Qty	Symbol	Description	Part Number	Pressure	Flow	Radius
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Sprinklers						
1	○	Hunter 10A-45 - INST-04	10A	30 psi	0.25 gpm	10 ft
2	○	Hunter 10H - INST-04	10H	30 psi	0.82 gpm	10 ft
5	○	Hunter 10Q - INST-04	10Q	30 psi	0.39 gpm	10 ft
1	○	Hunter 12A-270 - INST-04	12A	30 psi	1.89 gpm	12 ft
1	○	Hunter 12A-90 - INST-04	12A	30 psi	0.63 gpm	12 ft
2	○	Hunter 12F - INST-04	12F	30 psi	2.65 gpm	12 ft
6	○	Hunter 12H - INST-04	12H	30 psi	1.31 gpm	12 ft
3	○	Hunter 12Q - INST-04	12Q	30 psi	0.63 gpm	12 ft
3	○	Hunter 15F - INST-04	15F	30 psi	3.72 gpm	15 ft
12	○	Hunter 15H - INST-04	15H	30 psi	1.86 gpm	15 ft
5	○	Hunter 15Q - INST-04	15Q	30 psi	0.93 gpm	15 ft
10	○	Hunter 5H - INST-04	5H	30 psi	0.23 gpm	5 ft
5	○	Hunter 5H - INST-04	5H	30 psi	0.23 gpm	5 ft
7	○	Hunter 5Q - INST-04	5Q	30 psi	0.12 gpm	5 ft
2	○	Hunter 8A-90 - INST-04	8A	30 psi	0.49 gpm	8 ft
4	○	Hunter 8H - INST-04	8H	30 psi	0.48 gpm	8 ft
2	○	Hunter CS-530 - INST-04	CS-530	30 psi	1.3 gpm	30 x 5 ft
2	○	Hunter ES-515 - INST-04	ES-515	30 psi	0.85 gpm	15 x 5 ft
2	○	Rain Bird 15LCS - INST-04	15LCS	30 psi	0.49 gpm	3 x 15 ft
2	○	Rain Bird 15RCS - INST-04	15RCS	30 psi	0.49 gpm	3 x 15 ft

Water Source	
1	3/4 inch meter
Backflow Devices	
1	Febco 860 - 1"
Control Valves	
6	Hunter SRV-100G-S
1	Hunter SRV-100G-S
Irrigation Accessories	
1	Hunter MINI-CLIK
1	Hunter PC-1200
1	Nibco 1" isolation valve
Lateral Line Pipe	
706.24 ft	Class 200 3/4"
11.88 ft	Class 200 1"
Mainline Pipe	
197.22 ft	Class 200 1"

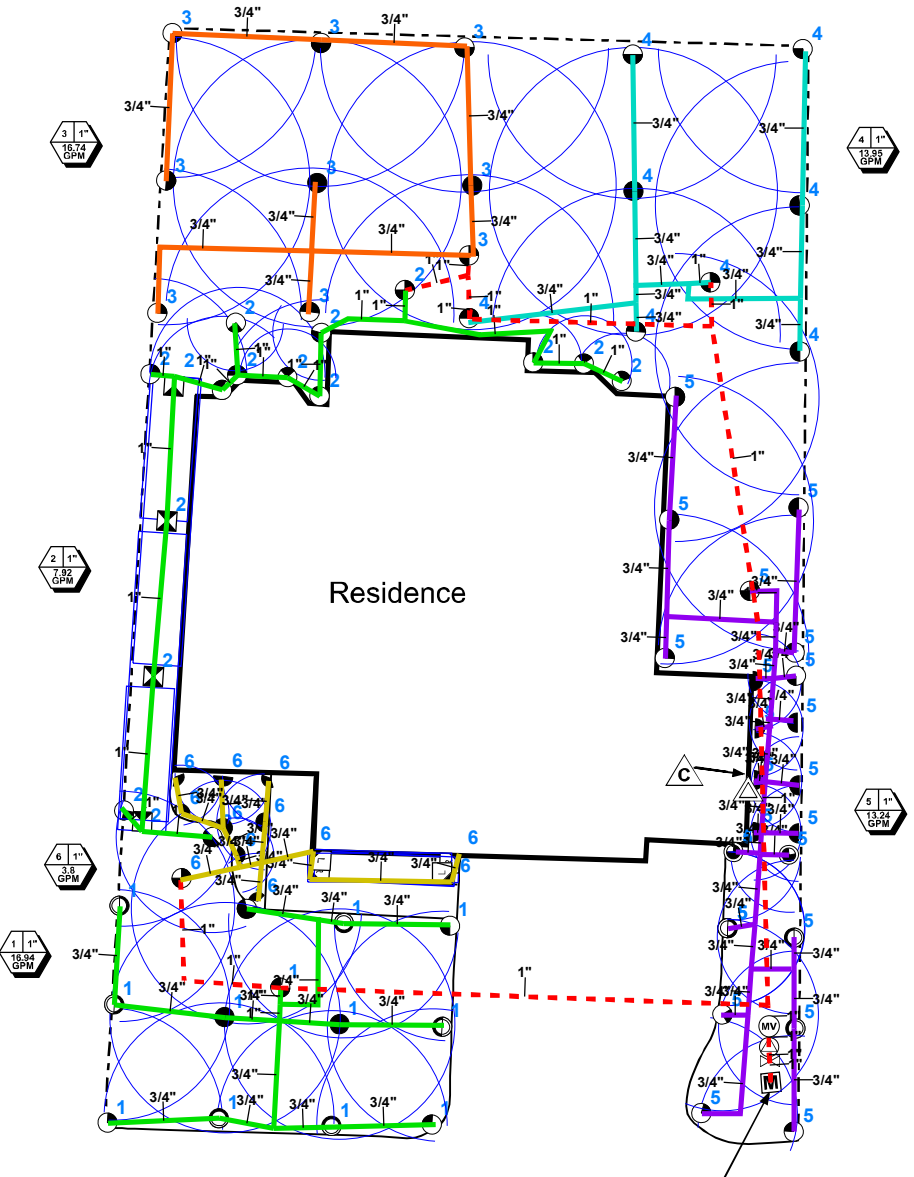
Sprinkler Zone Data

Zone #	Total Area	Total Flow	Precip Rate
1	924.93 Sq/Ft	16.97 gpm	1.92 in/hr
2	608.34 Sq/Ft	7.92 gpm	2.2 in/hr
3	1318.91 Sq/Ft	16.74 gpm	1.51 in/hr
4	1353.8 Sq/Ft	13.95 gpm	1.49 in/hr
5	972.45 Sq/Ft	13.24 gpm	1.56 in/hr
6	130.3 Sq/Ft	3.8 gpm	2.02 in/hr

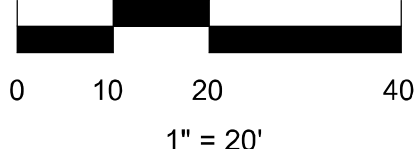
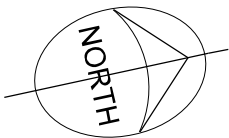
Water Source #1	
Meter Size	3/4 inch meter
Static Pressure	67 psi
Elevation Change	0 ft

Service Line Information	
Pipe Category	T Type K Copper
Pipe Size	T Type K Copper 1 1/4"
Length	5 ft
Velocity	5 fps

Recommendations	
Maximum Recommended Flow	18.97 gpm
Available Working Pressure	60.09 psi



All irrigation components to be installed no closer than 5 L.F. from meter



SHEET: 1 of 2	SCALE: 1" = 20'	JOB NUMBER: 5/20/10 0102	DATE: 5/20/10	REVISIONS: None	PROJECT: 516 Horseback Hollow	SHEET DESCRIPTION: Irrigation Plan	Farmer's Nursery, Inc.
	DRAWN BY: Kevin Farmer L.L. 5566						