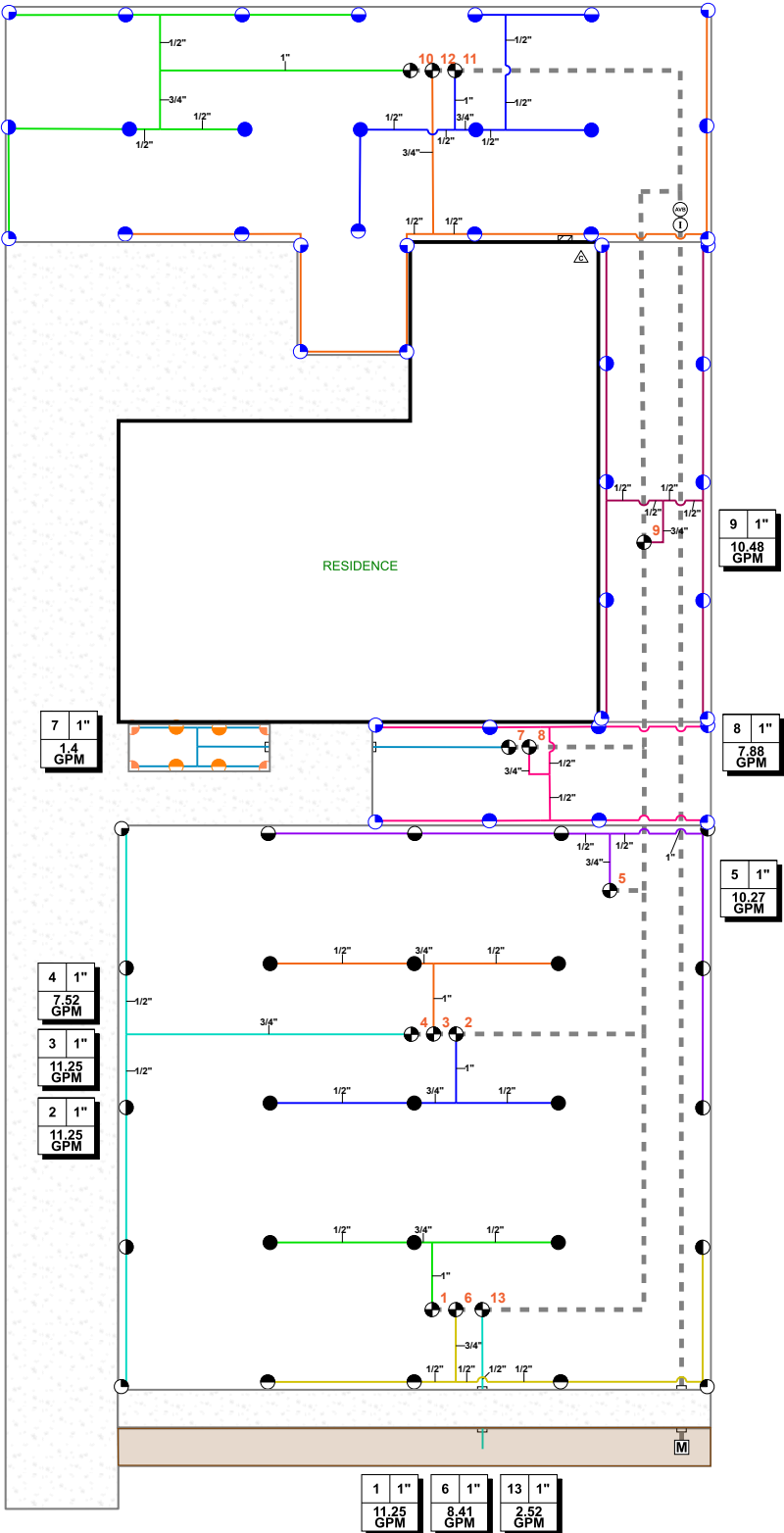


10	1"	12	1"	11	1"
	11.94 GPM		10.52 GPM		12 GPM



### Irrigation

Quantity	Symbol	Description	Part Number	Pressure	Flow	Radius
<b>Sprinklers</b>						
5	●	Hunter 12F - SRS-04	12F	30 psi	2.7 gpm	12 ft
22	●	Hunter 12H - SRS-04	12H	30 psi	1.3 gpm	12 ft
16	●	Hunter 12Q - SRS-04	12Q	30 psi	0.67 gpm	12 ft
9	●	Hunter 15F - SRS-04	15F	30 psi	3.75 gpm	15 ft
12	●	Hunter 15H - SRS-04	15H	30 psi	1.86 gpm	15 ft
4	●	Hunter 15Q - SRS-04	15Q	30 psi	0.97 gpm	15 ft
4	●	Hunter 5H - SRS-04	5H	30 psi	0.23 gpm	5 ft
4	●	Hunter 5Q - SRS-04	5Q	30 psi	0.12 gpm	5 ft

<b>Meters/Pumps</b>						
1	⏸	5/8 inch meter				

<b>Backflow Assemblies</b>						
1	⊕	Champion 262-075 - 3/4"	262-075			

<b>Control Valves</b>						
13	⊕	Hunter ICV-101G	ICV-101G			

<b>Irrigation Accessories</b>						
1	△	Hunter ACC-1200	ACC-1200			
1	⊕	Hunter RAIN-FREEZE-CLICK	RAIN-FREEZE-CLICK			
1	⊕	Nelson 9501-100IN	9501-100IN			

<b>Lateral Line Pipe</b>						
804 ft	—	Class 315 1/2"				
89 ft	—	Class 200 3/4"				
55 ft	—	Class 200 1"				

<b>Mainline Pipe</b>						
364 ft	—	Class 200 1"	0			

<b>Sleeving</b>						
11 ft	—	Class 120 20mm	0			

<b>Drip Tubing</b>						
253 ft	—	Hunter PDL-06-12	PDL-06-12			

<b>Run Set: 10</b>	
<b>Water Source #1</b>	
Type	Meter
Static Pressure	52 psi
Service Line	2,001 psi
Meter Loss	5,151 psi

<b>Mainline Components</b>	
Backflow Loss	1.11 psi
Master Valve Loss	0 psi
Filter Loss	0 psi

<b>Zone 10 @ 11.94 gpm</b>	
Mainline Loss	3.17 psi
Valve Loss	3 psi
Lateral Loss	0.867 psi
Fittings Loss	0.404 psi
Elevation Loss	0 psi
Sprinkler Requirement	30 psi
Total Design Pressure	45,298 psi
Residual Pressure	6,702 psi

<b>Run Set: 11</b>	
<b>Water Source #1</b>	
Type	Meter
Static Pressure	52 psi
Service Line	2,019 psi
Meter Loss	5,199 psi

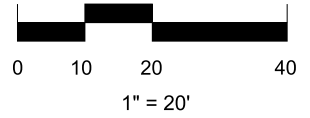
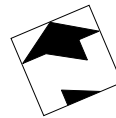
<b>Mainline Components</b>	
Backflow Loss	1.12 psi
Master Valve Loss	0 psi
Filter Loss	0 psi

<b>Zone 11 @ 12 gpm</b>	
Mainline Loss	3.11 psi
Valve Loss	3 psi
Lateral Loss	0.438 psi
Fittings Loss	0.355 psi
Elevation Loss	0 psi
Sprinkler Requirement	30 psi
Total Design Pressure	44,888 psi
Residual Pressure	7,112 psi

<b>Water Source #1</b>	
Meter Size	5/8 inch meter
Static Pressure	52 psi
Elevation	0 ft

<b>Service Line Information</b>	
Pipe Category	Type K Copper
Pipe Size	Type K Copper 3/4"
Length	10 ft
Velocity	9 fps

<b>Recommendations</b>	
Maximum Recommended Flow	12 gpm
Available Working Pressure	40.38 psi



DRAFT DATE  
06-06-22

**PROJECT**  
 Project Name  
 Address  
 City, ST 12345  
 (214) 555-1212

**INSTALLATION**  
 Irrigator Business Name  
 Address  
 City, ST 12345  
 (214) 555-1212

**DESIGN**  
 Cedar Irrigation Design  
 5301 Alpha Road, Office 114  
 Dallas, TX 75240  
 CedarCAD.com  
 (972) 364-4960

