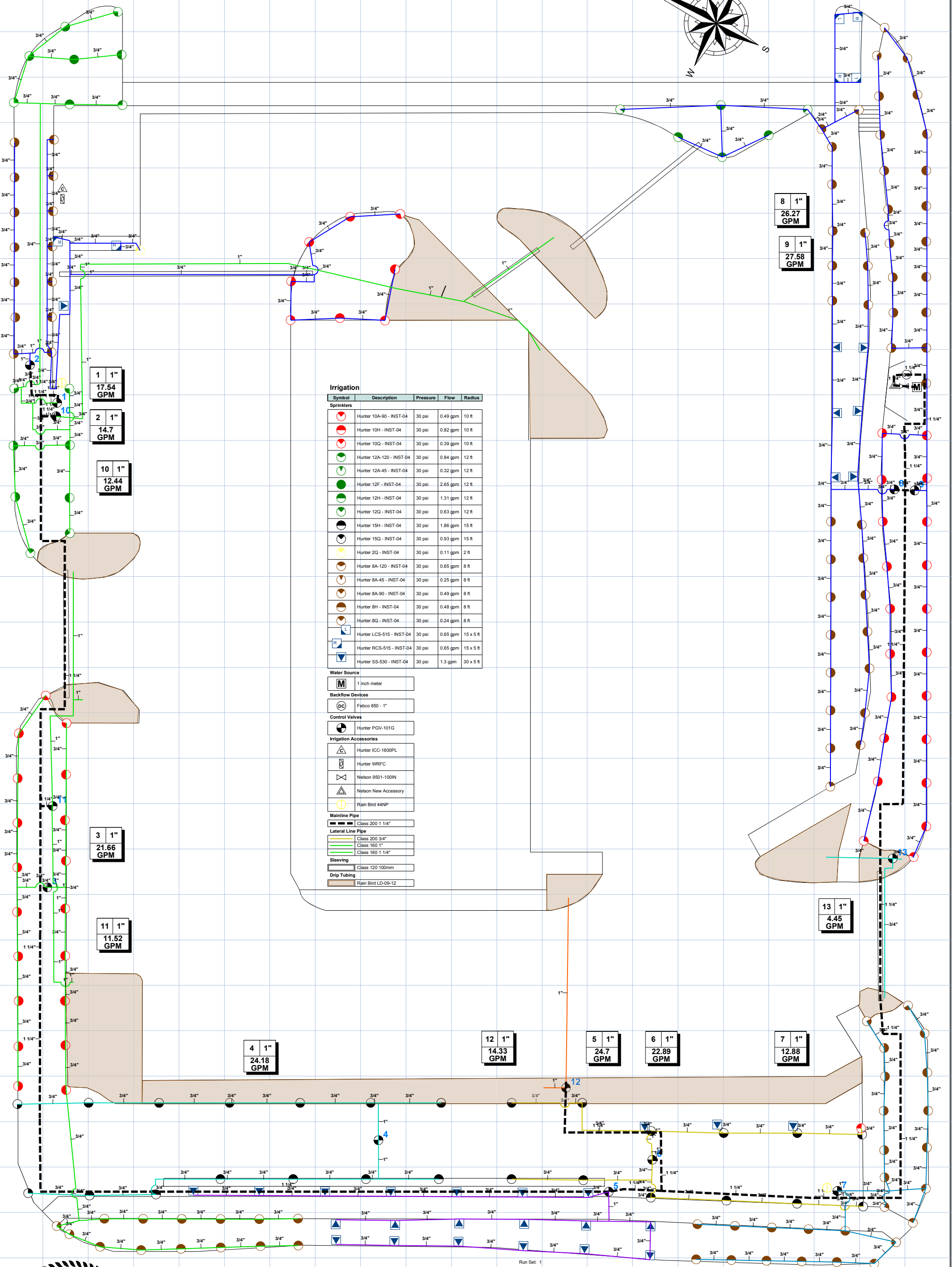
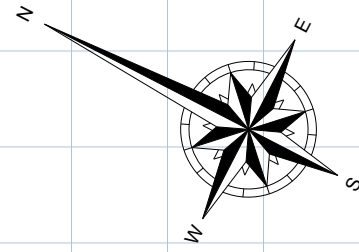


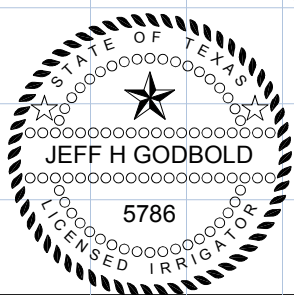
**NOTES: DRIP ZONE KITS ON ZONES 10-13
PRESSURE REGULATION BODIES ON ALL SPRAY HEADS**



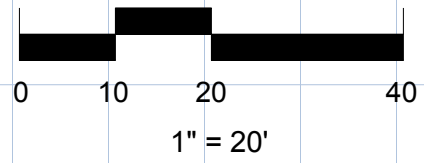
Irrigation

| Symbol | Description | Pressure | Flow | Radius |
|-------------------|--------------------------|----------|----------|-----------|
| Sprinklers | | | | |
| [Red Circle] | Hunter 10A-90 - INST-04 | 30 psi | 0.49 gpm | 10 ft |
| [Red Circle] | Hunter 10H - INST-04 | 30 psi | 0.82 gpm | 10 ft |
| [Red Circle] | Hunter 10Q - INST-04 | 30 psi | 0.39 gpm | 10 ft |
| [Green Circle] | Hunter 12A-120 - INST-04 | 30 psi | 0.84 gpm | 12 ft |
| [Green Circle] | Hunter 12A-45 - INST-04 | 30 psi | 0.32 gpm | 12 ft |
| [Green Circle] | Hunter 12F - INST-04 | 30 psi | 2.65 gpm | 12 ft |
| [Green Circle] | Hunter 12H - INST-04 | 30 psi | 1.31 gpm | 12 ft |
| [Green Circle] | Hunter 12Q - INST-04 | 30 psi | 0.63 gpm | 12 ft |
| [Black Circle] | Hunter 15H - INST-04 | 30 psi | 1.86 gpm | 15 ft |
| [Black Circle] | Hunter 15Q - INST-04 | 30 psi | 0.93 gpm | 15 ft |
| [Yellow Circle] | Hunter 2Q - INST-04 | 30 psi | 0.11 gpm | 2 ft |
| [Brown Circle] | Hunter 8A-120 - INST-04 | 30 psi | 0.65 gpm | 8 ft |
| [Brown Circle] | Hunter 8A-45 - INST-04 | 30 psi | 0.25 gpm | 8 ft |
| [Brown Circle] | Hunter 8A-90 - INST-04 | 30 psi | 0.49 gpm | 8 ft |
| [Brown Circle] | Hunter 8H - INST-04 | 30 psi | 0.48 gpm | 8 ft |
| [Brown Circle] | Hunter 8Q - INST-04 | 30 psi | 0.24 gpm | 8 ft |
| [Blue Square] | Hunter LCS-515 - INST-04 | 30 psi | 0.65 gpm | 15 x 5 ft |
| [Blue Square] | Hunter RCS-515 - INST-04 | 30 psi | 0.65 gpm | 15 x 5 ft |
| [Blue Square] | Hunter SS-530 - INST-04 | 30 psi | 1.3 gpm | 30 x 5 ft |

- Water Source**
- [M] 1 inch meter
- Backflow Devices**
- [DC] Febco 850 - 1"
- Control Valves**
- [HV] Hunter PGV-101G
- Irrigation Accessories**
- [IC] Hunter ICC-1600PL
 - [WR] Hunter WRFC
 - [N1] Nelson 9501-100IN
 - [NA] Nelson New Accessory
 - [RB] Rain Bird 44NP
- Mainline Pipe**
- [M1] Class 200 1 1/4"
- Lateral Line Pipe**
- [L1] Class 200 3/4"
 - [L2] Class 160 1"
 - [L3] Class 160 1 1/4"
- Sleeving**
- [S1] Class 120 100mm
- Drip Tubing**
- [DT] Rain Bird LD-09-12



1250 N. HOLLAND



Run Set: 1
Water Source #1
Type: Meter
Static Pressure: 80 psi
Service Line: 0 psi
Meter Loss: 1.708 psi

Mainline Components
Backflow Loss: 7.065 psi
Master Valve Loss: 0 psi
Filter Loss: 0 psi

Zone 1 @ 17.54 gpm
Mainline Loss: 6.98 psi
Valve Loss: 2.48 psi
Lateral Loss: 1.14 psi
Elevation: 0 psi
Sprinkler Requirement: 30 psi
Total Design Pressure: 49.36 psi
Residual Pressure: 30.64 psi

Water Source #1
Meter Size: 1 inch meter
Static Pressure: 80 psi
Elevation Change: 0 ft

Service Line Information
Pipe Category: Type K Copper
Pipe Size: Type K Copper 2"
Length: 0 ft
Velocity: 5 fps

Recommendations
Maximum Recommended Flow: 36 gpm
Available Working Pressure: 72 psi