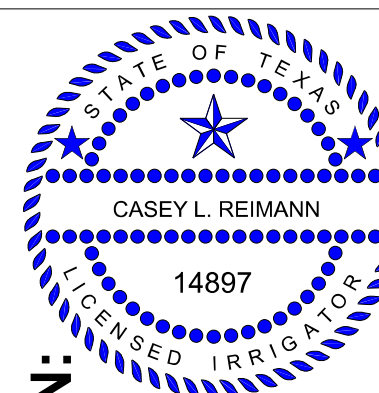




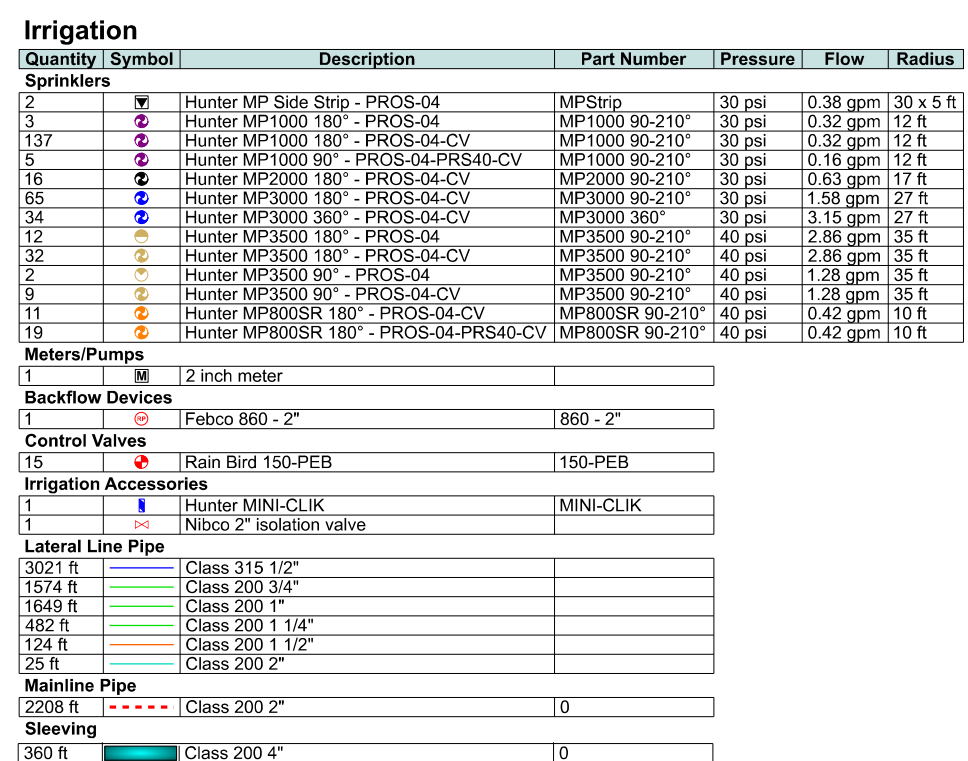
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Casey Reimann
02/08/2016

REVISIONS
None

SHEET:
1 of

[illegible][illegible]

Water Source #1	
Meter Size	2 inch meter
Static Pressure	65 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	46.97 gpm

Zone #	Total Area	Total Flow	Pressure Rate
1	469.21 Sq/Ft	17.12 gpm	0.34 in/hr
2	467.1 Sq/Ft	18.5 gpm	0.38 in/hr
3	740.96 Sq/Ft	31.6 gpm	0.41 in/hr
4	7465.71 Sq/Ft	31.6 gpm	0.41 in/hr
5	6492.26 Sq/Ft	32.38 gpm	0.48 in/hr
6	9611.33 Sq/Ft	34.77 gpm	0.35 in/hr
7	9998.23 Sq/Ft	34.48 gpm	0.33 in/hr
8	8957.37 Sq/Ft	32.62 gpm	0.35 in/hr
9	8208.25 Sq/Ft	29.54 gpm	0.35 in/hr
10	841.69 Sq/Ft	27.48 gpm	0.3 in/hr
11	8521.34 Sq/Ft	27.48 gpm	0.3 in/hr
12	9338.83 Sq/Ft	30.63 gpm	0.32 in/hr
13	6996.41 Sq/Ft	25.32 gpm	0.35 in/hr
14	6420.59 Sq/Ft	26.28 gpm	0.39 in/hr
15	6656.58 Sq/Ft	27.5 gpm	0.4 in/hr

The maximum velocity of the PVC water piping will not exceed 5 linear feet per second. Plans and instruction manuals will be kept on site during the installation of the system. Proposed watering schedule will be programmed into controller. There will be a permanent sticker on controller. Wiring used to connect controller is U.L. approved. Irrigation in Texas is regulated by the Texas Commission on Environmental Quality (TCEQ) (MC-178). PO Box 13087, Austin, Texas 78711-3087. TCEQ's website is: www.tceq.state.tx.us. Backflow preventer will need to be tested yearly.

