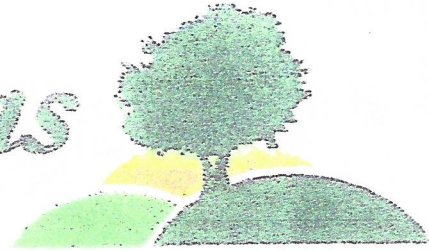


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Maintenance Check List

Installation Completion Date: 5-4-14

Address: 514 Tempranillo way

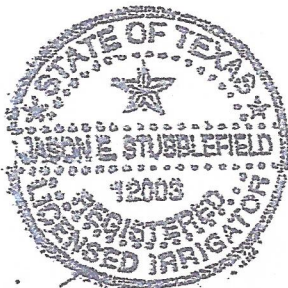
The following items have been provided and explained to the irrigation system owner or system owner's representative.

- The manufacturer's manual for the controller.
- A seasonal watering schedule.
- A list of components that require maintenance and the recommended frequency of maintenance is attached
- A permanent sticker has been attached to the controller indicating the warranty period for the irrigation system and contact information.
- The corrected or re-drawn design plans indicating the actual installation and components of the system.
- Location and operation of the isolation valve.

Irrigation system owner/representative

Date

This irrigation system has been installed in accordance with all applicable state and local laws, ordinances, rules, regulations or orders. I have tested the system and determined that it has been installed according to the irrigation plan and is properly adjusted for the most efficient application of water at this time.

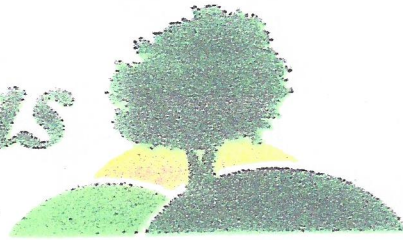


[Signature]
Irrigator/Date

Irrigation Technician/ Date

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PO BOX 776
HUTTO, TX 78634

(512)228-4833
(512)852-9633 fax

| Zone # | Description | Head Type | Run Time(Minutes) |
|--------|-------------|------------|-------------------|
| 1-4 | bed | spray-bub. | 10-12 |
| 5-7 | turf | sprays | 25 |
| 8-11 | turf | rotors | 45 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| Month | Average Cycles |
|-------|----------------|
| Jan. | 3 |
| Feb. | 3 |
| March | 4 |
| April | 4 |
| May | 7 |
| June | 9 |
| July | 11 |
| Aug. | 11 |
| Sept. | 9 |
| Oct. | 6 |
| Nov. | 4 |
| Dec. | 3 |

MAINTENANCE ITEMS

- Backflow device – Test Annually (Call Louis Sinclair 563-8762)
- Y-strainer – Check annually for debris
- Heads – Run system monthly to check for leaks or broken nozzles
- Valve covers – Trim grass around cover to expose
- Controller – Check seasonally for correct run times
- Winter – Run system briefly every 2 weeks if system remains in off position

Irrigation

| Quantity | Symbol | Description | Part Number | Pressure | Flow | Radius |
|-------------------------------|--------|--------------------------------------|-------------|----------|----------|--------|
| Sprinklers | | | | | | |
| 1 | ● | Rain Bird 10F - 1804 | 10F | 30 psi | 1.58 gpm | 10 ft |
| 54 | ● | Rain Bird 10H - 1804 | 10H | 30 psi | 0.79 gpm | 10 ft |
| 11 | ○ | Rain Bird 10Q | 10Q | 30 psi | 0.39 gpm | 10 ft |
| 5 | ○ | Rain Bird 1300A-F | 1300AF | 30 psi | 1.7 gpm | 0 ft |
| 6 | ○ | Rain Bird 5000-MPR-30-H - 5004-PL-PC | MPR-30-H | 45 psi | 2.96 gpm | 30 ft |
| 8 | ○ | Rain Bird 5000-MPR-30-Q - 5004-PL-PC | MPR-30-Q | 45 psi | 1.4 gpm | 30 ft |
| 32 | ○ | Rain Bird 8H - 1804 | 8H | 30 psi | 0.52 gpm | 8 ft |
| 24 | ○ | Rain Bird 8Q - 1804 | 8Q | 30 psi | 0.26 gpm | 8 ft |
| Meters/Pumps | | | | | | |
| 1 | ⊞ | 5/8 inch meter | | | | |
| Backflow Devices | | | | | | |
| 1 | ⊙ | Febco 715 - 1" | 715 - 1" | | | |
| Control Valves | | | | | | |
| 11 | ⊙ | Rain Bird 100-DVF | 100-DVF | | | |
| Y-Strainers / Filters | | | | | | |
| 1 | ⊞ | Febco 650A-1" | 4305 | | | |
| Irrigation Accessories | | | | | | |
| 1 | ⊞ | Nelson 9501-100IN | 9501-100IN | | | |
| 1 | ⊞ | Rain Bird ESP-4Me | ESP4ME | | | |
| 1 | ⊞ | Rain Bird RSD-BEX | RSD-BEX | | | |
| Lateral Line Pipe | | | | | | |
| 1182 ft | — | Class 315 1/2" | | | | |
| 155 ft | — | Class 200 3/4" | | | | |
| 23 ft | — | Class 160 1" | | | | |
| Mainline Pipe | | | | | | |
| 307 ft | — | Class 200 1" | 0 | | | |

Water Source #1

| | |
|------------------|----------------|
| Meter Size | 5/8 inch meter |
| Static Pressure | 65 psi |
| Elevation Change | 0 ft |

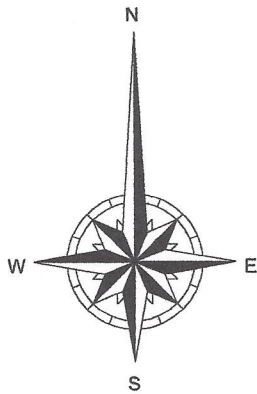
Service Line Information

| | |
|---------------|-------|
| Pipe Category | |
| Pipe Size | |
| Length | 5 ft |
| Velocity | 5 fps |

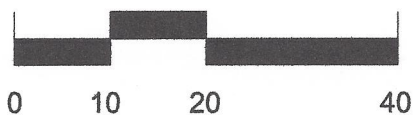
Recommendations

| | |
|----------------------------|---------------|
| Maximum Recommended Flow | 13 gpm |
| Available Working Pressure | -Infinity psi |

414 Tempranillo Way
Design pressure all zones 65psi



Jason Stubblefield
5/4/2016



1" = 20'

