

# Best of Texas

Landscapes



## Maintenance Check List

Installation Completion Date: 10-29-15

Address: 420 Miracle Rose 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.



\_\_\_\_\_  
Irrigator/Date

\_\_\_\_\_  
Irrigation Technician/ Date

# Best of Texas

## Landscapes



PO BOX 776  
HUTTO, TX 78634

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

| Zone # | Description | Head Type     | Run Time(Minutes) |
|--------|-------------|---------------|-------------------|
| 1-2    | bed         | spray-bubbler | 10-12             |
| 3-5    | turf        | sprays        | 25                |
| 6-9    | turf        | rotors        | 45                |
| 10     | grass       | drip          | 30                |
|        |             |               |                   |
|        |             |               |                   |
|        |             |               |                   |
|        |             |               |                   |
|        |             |               |                   |

| 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 |
|-------------------------------|---------|--------------------------------------|-------------|----------|----------|--------|
| <b>Sprinklers</b>             |         |                                      |             |          |          |        |
| 35                            | ☉       | Rain Bird 10H - 1804                 | 10H         | 30 psi   | 0.79 gpm | 10 ft  |
| 25                            | ☉       | Rain Bird 10Q                        | 10Q         | 30 psi   | 0.39 gpm | 10 ft  |
| 9                             | ○       | Rain Bird 1300A-F                    | 1300AF      | 30 psi   | 1.7 gpm  | 0 ft   |
| 1                             | ☉       | Rain Bird 5000-MPR-30-F - 5004-PL-FC | MPR-30-F    | 45 psi   | 5.78 gpm | 30 ft  |
| 3                             | ☉       | Rain Bird 5000-MPR-30-H - 5004-PL-PC | MPR-30-H    | 45 psi   | 2.96 gpm | 30 ft  |
| 10                            | ☉       | Rain Bird 5000-MPR-30-Q - 5004-PL-PC | MPR-30-Q    | 45 psi   | 1.4 gpm  | 30 ft  |
| 7                             | ☉       | Rain Bird 8H - 1804                  | 8H          | 30 psi   | 0.52 gpm | 8 ft   |
| 9                             | ☉       | Rain Bird 8Q - 1804                  | 8Q          | 30 psi   | 0.26 gpm | 8 ft   |
| <b>Meters/Pumps</b>           |         |                                      |             |          |          |        |
| 1                             | M       |                                      |             |          |          |        |
| <b>Backflow Devices</b>       |         |                                      |             |          |          |        |
| 1                             | ⊖       | Febco 715 - 1"                       | 715 - 1"    |          |          |        |
| <b>Control Valves</b>         |         |                                      |             |          |          |        |
| 11                            | ⊕       | Rain Bird 100-DVF                    | 100-DVF     |          |          |        |
| <b>Y-Strainers / Filters</b>  |         |                                      |             |          |          |        |
| 1                             | ⊖       | Febco 650A-1"                        | 4305        |          |          |        |
| <b>Irrigation Accessories</b> |         |                                      |             |          |          |        |
| 1                             | ∞       | Nelson 9501-100IN                    | 9501-100IN  |          |          |        |
| 1                             | ⊕       | Rain Bird E-4c                       | E-4c        |          |          |        |
| 1                             | ⊕       | Rain Bird RSD-BEx                    | RSD-BEx     |          |          |        |
| <b>Lateral Line Pipe</b>      |         |                                      |             |          |          |        |
| 1006 ft                       | —       | Class 200 1"                         | 0           |          |          |        |
| <b>Mainline Pipe</b>          |         |                                      |             |          |          |        |
| 263 ft                        | - - - - | Class 200 1"                         | 0           |          |          |        |
| <b>Drip Tubing</b>            |         |                                      |             |          |          |        |
| 129 ft                        | —       | Rain Bird LD-09-12                   | LD-09-12    |          |          |        |

## Water Source #1

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

## Service Line Information

|               |               |
|---------------|---------------|
| Pipe Category | Class 200 PVC |
| Pipe Size     | Class 200 1"  |
| Length        | 5 ft          |
| Velocity      | 5 fps         |

## Recommendations

|                            |           |
|----------------------------|-----------|
| Maximum Recommended Flow   | 13 gpm    |
| Available Working Pressure | 58.39 psi |

## 420 MIRACLE ROSE

Design pressure all zones 65psi.



**JASON STUBBLEFIELD**  
10/29/2015

