

Maintenance Check List

Installation Completion Date: 3218

Address: 4208 Hannover 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

3-2-/8 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.



3|2|20|8| Irrigator/Date

Irrigation Technician/ Date



POBOX 776 HUTTO, TX 78634 (512)228-4833 (512)852-9633 fax

| Zone # | Description Head Type |           | Run Time(Minutes) |  |  |
|--------|-----------------------|-----------|-------------------|--|--|
| 1      | Bea                   | Spray-bub | 10-12             |  |  |
| 2-4    | turf                  | spray     | 25                |  |  |
| 56     | turf                  | rotor'    | 45                |  |  |
| 7      | arass                 | drip      | 30                |  |  |
|        | U                     |           |                   |  |  |
|        |                       |           |                   |  |  |
|        |                       |           |                   |  |  |
|        |                       |           |                   |  |  |
|        |                       |           | t.                |  |  |
|        |                       |           |                   |  |  |

| 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 |
| Sprinkler         | S                     |                                      | -           |          | L        |        |
| 2                 |                       | Rain Bird 10F - 1804                 | 10F         | 30 psi   | 1.58 gpm | 10 ft  |
| 24                | •                     | Rain Bird 10H - 1804                 | 10H         | 30 psi   | 0.79 gpm |        |
| 22                | 0                     | Rain Bird 10Q                        | 10Q         | 30 psi   | 0.39 gpm |        |
| 2                 | 0                     | Rain Bird 1300A-F                    | 1300AF      | 30 psi   | 1.7 gpm  | 0 ft   |
| 3                 | •                     | Rain Bird 5000-MPR-30-H - 5004-PL-PC |             | 45 psi   | 2.96 gpm | 30 ft  |
| 5                 | •                     | Rain Bird 5000-MPR-30-Q - 5004-PL-PC | MPR-30-Q    | 45 psi   | 1.4 gpm  | 30 ft  |
| 2<br>3<br>5<br>8  | •                     | Rain Bird 8H - 1804                  | 8H          | 30 psi   | 0.52 gpm | 8 ft   |
|                   | •                     | Rain Bird 8Q - 1804                  | 8Q          | 30 psi   | 0.26 gpm |        |
| Meters/Pu         |                       |                                      |             |          |          |        |
| 1                 | M                     |                                      |             |          |          |        |
| Backflow          | Devices               |                                      |             |          |          |        |
| 1                 | <u>@</u>              | Febco 850 - 1"                       | 850 - 1"    | 1        |          |        |
| Control V         | alves                 |                                      |             |          |          |        |
| 8                 | •                     | Rain Bird 100-DVF                    | 100-DVF     |          |          |        |
| Y-Straine         | Y-Strainers / Filters |                                      |             |          |          |        |
| 1                 | am a                  | Febco 650A-1"                        | 4305        |          |          |        |
| Irrigation        | Accesso               | ries                                 |             |          |          |        |
| 1                 | M                     | Nelson 9501-100IN                    | 9501-100IN  |          |          |        |
| 1                 | A                     | Rain Bird ESP-4Me                    | ESP4ME      |          |          |        |
| 1                 |                       | Rain Bird RSD-BEx                    | RSD-BEx     |          |          |        |
| Lateral Line Pipe |                       |                                      |             |          |          |        |
| 728 ft            |                       | Class 200 1"                         | 0           |          |          |        |
| Mainline F        | Pipe                  |                                      |             | 1        |          |        |
| 190 ft            |                       | Class 200 1"                         | 0           |          |          |        |
| Drip Tubir        | Drip Tubing           |                                      |             |          |          |        |
| 33 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 |

## **4208 HANNOVER WAY**

Design pressure all zones 65psi.





## Jason Stubblefield 3/2/2018



