

## Maintenance Check List

| Installation Completion Date: 9-19-  | 16   |
|--|--|
| Address:   |  |
| The following items have been provide system owner or system owner's representations.  | _  |
| <ul><li>frequency of maintenance is at</li><li>A permanent sticker has been a</li></ul>  | ire maintenance and the recommended tached attached to the controller indicating the on system and contact information. gn plans indicating the actual the system. |
| Irrigation system owner/representativ  | 9-19-16<br>Date  |
| This irrigation system has been instal state and local laws, ordinances, rules the system and determined that it has irrigation plan and is properly adjuste water at this time. | s, regulations or orders. I have tested  |
| JASON E STUBBLEFIELD 12003   | Irrigation Technician/ Date  |



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

| Zone# | Description | Head Type  | Run Time(Minutes)  |
|-------|-------------|------------|--|
| 1-3   | bed         | spray-bub. | 10-12  |
| 4-6   | horf        | Sprais     | 25   |
| 7-8   | turf        | rotors     | 45   |
| 9-10  | 91955       | dnip       | 30   |
|       | 9           |            |  |
|       |             |            |  |
|       |             |            |  |
|       |             |            |  |
|       |             |            |  |
|       |             |            | The state of the s |

| 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

| Quantity   | Symbol      | Description  | Part Number   | Pressure | Flow     | Radius |
|------------|-------------|--|---------------|----------|----------|--------|
| Sprinklers |             |  |               |          |          |        |
| 6          | 0           | Rain Bird 10F - 1804   | 10F           | 30 psi   | 1.58 gpm | 10 ft  |
| 19         | •           | Rain Bird 10H - 1804   | 10H           | 30 psi   | 0.79 gpm |        |
| 16         | •           | Rain Bird 10Q  | 10Q           | 30 psi   | 0.39 gpm |        |
| 4          | 0           | Rain Bird 1300A-F  | 1300AF        | 30 psi   | 1.7 gpm  | 0 ft   |
| 2          | 0           | Rain Bird 5000-MPR-30-H - 5004-PL-PC   | MPR-30-H      | 45 psi   | 2.96 gpm |        |
| 6          | •           | Rain Bird 5000-MPR-30-Q - 5004-PL-PC   | MPR-30-Q      | 45 psi   | 1.4 gpm  | 30 ft  |
| 36         | 0           | Rain Bird 8H - 1804  | 8H            | 30 psi   | 0.52 gpm |        |
| 23         | 0           | Rain Bird 8Q - 1804  | 8Q            | 30 psi   | 0.26 gpm | 8 ft   |
| Meters/Pu  | ımps        | Sub- State Control of the Control of | Sec. 20 St St |          |          |        |
| 1          | M           |  |               |          |          |        |
| Backflow   | Devices     |  | 2000 0        |          |          |        |
| 1          | 66          | Febco 715 - 1"   | 715 - 1"      |          |          |        |
| Control V  | alves       |  |               |          |          |        |
| 11         | •           | Rain Bird 100-DVF  | 100-DVF       |          |          |        |
| Y-Straine  | rs / Filter | \$   |               | •        |          |        |
| 1          | <b>a</b>    | Febco 650A-1"  | 4305          |          |          |        |
| Irrigation | Accesso     | ries   |               | •        |          |        |
| 1          | M           | Nelson 9501-100IN  | 9501-100IN    | 1        |          |        |
| 1          | A           | Rain Bird ESP-4Me  | ESP4ME        |          | 5        | 200    |
| 1          |             | Rain Bird RSD-BEx  | RSD-BEx       | 1        | -        |        |
| Lateral Li | ne Pipe     |  |               |          | De       | sign   |
| 1282 ft    |             | Class 200 1"   | 0             | I        |          |        |
| Mainline I | Pipe        |  |               | -        |          |        |
| 270 ft     |             | Class 200 1"   | 0             | 1        |          |        |
| Drip Tubir | າຕ          | I all a second and a  |               |          |          |        |
| 264 ft     | - 3         | Rain Bird LD-09-12   | LD-09-12      | 1        |          |        |

| Water Source #1  |                |
|------------------|----------------|
| Meter Size       | 5/8 inch meter |
| Static Pressure  | 65 psi         |
| Elevation Change | 0 ft           |

| Service Line Informati | on            |
|------------------------|---------------|
| Pipe Category          | Class 200 PVC |
| Pipe Size              | Class 200 1"  |
| Length                 | 5 ft          |
| Velocity               | 5 fps         |

| Recommendations          |           |  |
|--------------------------|-----------|--|
| Maximum Recommended Flow | 13 gpm    |  |
|                          | 58.39 psi |  |

**5200 BUCHANAN DRAW RD** Design pressure all zones 65psi.





## **JASON STUBBLEFIELD** 9/19/2016



