



Sprinkler Legend

- Hot Box DF 3NSH 83" x 26" x 45" ID
- 2 HP booster pump and relay.
- Watts 2" RPZ backflow device.
- Watts 3/4" RPZ backflow device for water fountain.
- Rainbird ESP LX8 modular controller.
- Irritrol wireless rain/ freeze sensor.
- Rainbird 1" & 1 1/2" PEB auto valves.
- Rainbird 7005 series stainless steel rotor sprinklers, 57' radius.
- Rainbird 5004 series stainless steel rotor sprinklers.
- Rainbird 1804 PRS spray sprinklers w/vandal proof cap and MP Rotator nozzles..
- Rainbird 1812 PRS spray sprinklers with vandal proof cap and MPR nozzles
- Rainbird 65 Quick Coupling valves.
- 2 1/2" PVC sdr 21 200 psi main line 18" depth bury.
- 2" PVC sdr 21 200 psi main line 12" depth bury.
- PVC sdr 21 lateral lines not to exceed 5 (FL/sec.)
- 4" PVC Sleeves.

NOTES:

- All 7005 rotor sprinklers set on Dura swing joints.
- All Quick Couplers set on Dura Lok swing joints.
- All 5004 rotors and spray sprinklers set on flexible swing joints.
- All valves set in 10" round locking valve boxes.
- All wire connections sealed w/waterproof connectors.
- Wire to be 18 gauge multiple strand, w/a 14/1 common wire.
- All wire from controller to each valve box run in 1 1/2" conduit w/long sweep elbows in and out of each valve box as per FPC guidelines.
- Rain/freeze switch mounted on nearest light pole to controller location away from tree canopy as per FPC direction.
- Provide two (2) Rainbird #44K keys w/ SHO hose swivel at project Close Out for FPC use.

Valve Size  
Zone #

Irrigation Design

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Schuylkill River Park 25 <sup>th</sup> and Spruce Streets Philadelphia, PA	
<b>GREEN ESTATES LAWN SPRINKLERS INC.</b>	<b>7331 RISING SUN AVENUE PHILADELPHIA, PA. 19111 (215) 725-3666</b>
DATE: 1/18/2010 AS BUILT: 11/14/14 SCALE: 1" = 20'	PLAN NO. I-1 DESIGNED BY: WJC