Notes:

- Backflow preventer to be a 1" Zurn Wilkins 710 Pressure Vacuum Breaker or equivalent. Location on plan drawn schematically for clarity. Actual location to be determined by contractor based upon field conditions.
- Valves will be installed in 12" × 17" or 10" round plastic valve boxes.
- Zone line piping will be PVC class 200 pipe.
- 1" Mainline to be PVC sch-40 pipe.
- Sleeving under hardscapes to be sch-40 PVC, 2 pipe sizes larger than zone piping.
- All heads to be installed with flexible swing joints (funny pipe).
- Irrigation system to provide 100% coverage with 50% overlap.
- Wiring to be direct burial #18-gauge multi-strand conductor.
- Irrigation controller to be a Rain Bird ESP-ME3 or equivalent. Location on plan drawn schematically for clarity. Actual location to be determined by contractor based upon field conditions.
- Water meter location TBD. Sprinkler system designed for water meter to provide 15 GPM at 30-40 psi.

Irrigation Legend

- Rain Bird #1800 pop-up spray head with MPR nozzle
- Rain Bird #1800 pop-up spray head with Hunter MP rotator nozzle
- Rain Bird #1404 pressure-compensating bubbler
- 1" Irritrol 205 series solenoid valve
- BF 1" Zurn Wilkins 710 Pressure Vacuum Breaker
- C Rain Bird ESP-ME3 digital controller
- R Rain Bird Wireless rain sensor

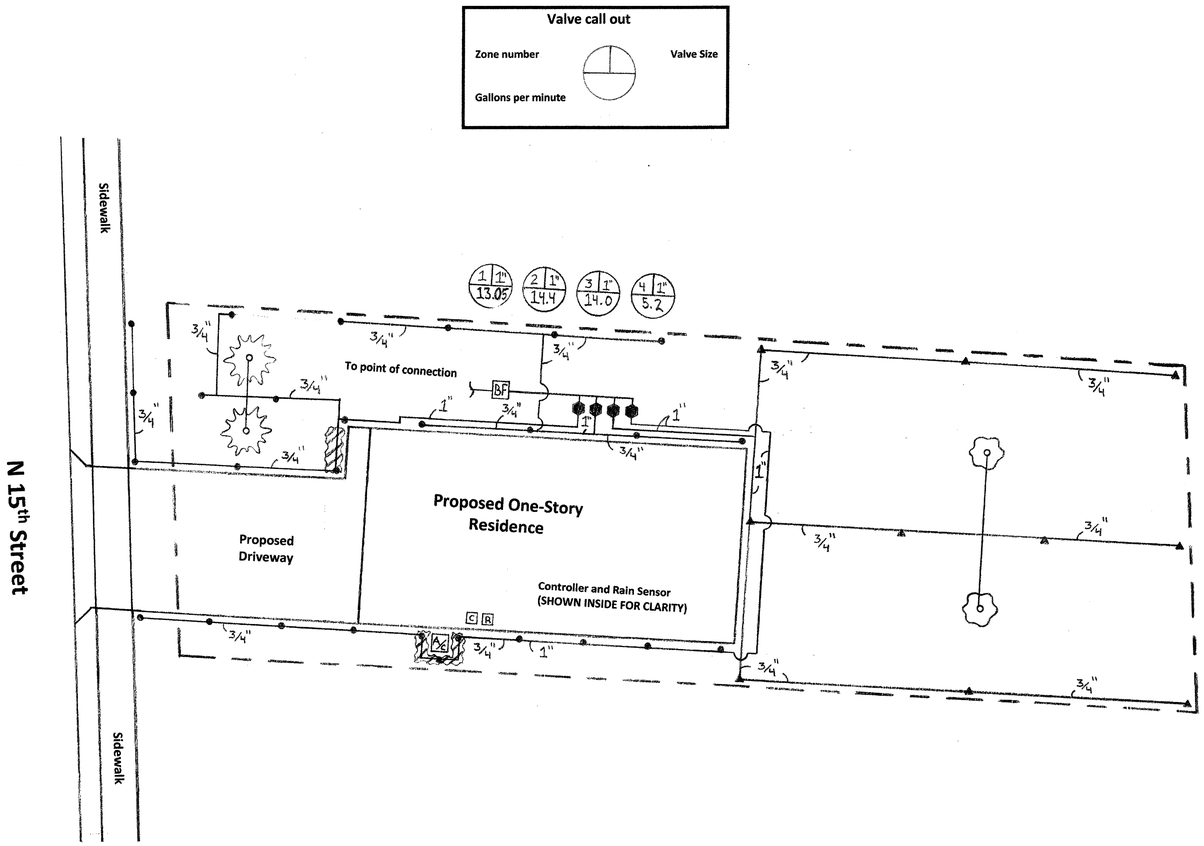
Landscape Legend

- Foxtail Palm (Wodyetia bifurcate)
- Crape Myrtle (Lagerstroemia)
- Red-Tip Cocoplum (Chrysobalanus Icaco)

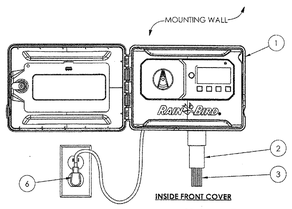
Valve call out

Zone number — Valve Size

Gallons per minute

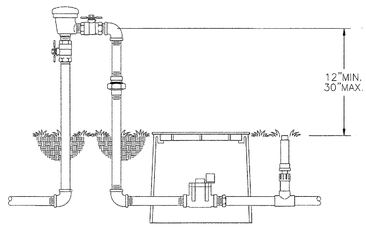


N
1" = 10'

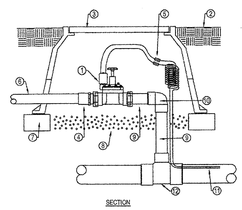


GENERAL NOTES:

1. MODULAR HYBRID CONTROLLER: RAIN BIRD ESP-ME3 INSIDE WALL MOUNT
2. 1-INCH PVC SCH 40 CONDUIT AND FITTINGS
3. WIRES TO REMOTE CONTROL VALVES
4. STANDARD MODULE FOR 4-STATION CONTOLLERS
5. OPTIONAL MODULES FOR 22-STATION CONTROLLER
6. STANDARD 120 V PLUG
7. 120 VAC, 60 HZ INTERNAL TRANSFORMER

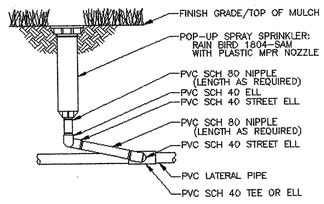


WILKINS MODEL 710
PRESSURE VACUUM BREAKER ASSEMBLY
OUTDOOR HORIZONTAL INSTALLATION



SECTION

LEGEND:
1. IRRITROL 205SF ELECTRIC CONTROL VALVE.
2. FINISH GRADE.
3. VALVE BOX (HEIGHT ABOVE GRADE AS REQUIRED).
4. PVC SCHEDULE 40 SLIP BUSHING (IF REQUIRED).
5. WATERPROOF WIRE CONNECTORS.
6. PVC LATERAL LINE-ANGLE TO PROPER DEPTH WITH 45D ELLS.
7. COMMON RED BRICK (4 REQUIRED).
8. PEA GRAVEL - 12" DEEP.
9. PVC SCHEDULE 80 PIPE.
10. PVC SCHEDULE 40 S ELL.
11. COMMON AND CONTROL WIRES TO CONTROLLER LOCATION.
12. PRESSURE MAIN LINE PIPING WITH MAIN LINE FITTING (DEPTH AS REQUIRED).



REVISIONS	BY

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Bob Irsay Irrigation Design, Inc.

Irrigation Plan

Residence
524 N 15th Street
Fort Pierce, FL 34950

Date	2/7/25
Scale	1" = 10'
Drawn	
Job	
Sheet	1
Of	1 Sheets