

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
4 6 8 10 12 15 17	Hunter PROS-06-PRS30 adjustable arc Turf Spray, 30 psi regulated 6.0" Pop-Up. Co-molded wiper seal with UV Resistant Material.	22	30
2Q 2H 4Q 4H 6Q 6H	Hunter PROS-12-PRS30 short radius nozzles Shrub Spray, 30 psi regulated 12.0" Pop-Up. Co-molded wiper seal with UV Resistant Material.	3	30
ES LCS RCS CS SS	Hunter PROS-12-PRS30 5' strip spray Shrub Spray, 30 psi regulated 12.0" Pop-Up. Co-molded wiper seal with UV Resistant Material.	46	30
25 50 10 20	Hunter PROS-00-PCN 10 Flood Bubbler, on fixed riser.	21	30
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
	Hunter PGV-100G-S 1" Plastic Electric Remote Control Valve, for Residential/Light Commercial Use. Slip x Slip. Globe Configuration, No Flow Control.	4	
	Shut Off Valve	2	
	Febco 765 1" Pressure Vacuum Breaker, brass with ball valve SOV. Install 12" (305MM) above highest downstream outlet and the highest point in the downstream piping.	1	
	Hunter PCC-1200 Light Commercial & Residential Controller, 12-Station fixed controller, 120 VAC, Outdoor model	1	
	Hunter RAIN-CLIK Rain Sensor, with conduit installation, mount as noted. Normally closed switch.	1	
	Irrigation Meter 1" Irrigation Meter	1	
	Irrigation Lateral Line: PVC Class 200	2,070 l.f.	
	Irrigation Mainline: PVC Class 200	20 l.f.	

Valve Callout



*All products listed can be substituted with an approved equal
 *All products to conform to the use of reclaimed water & be marked or painted the color purple pantone 522
 *Contractor to field verify all quantities

IRRIGATION NOTES:

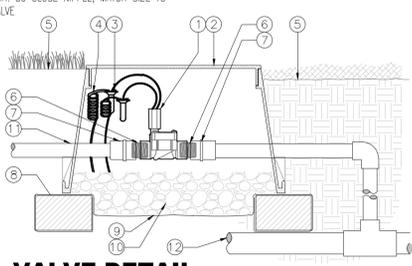
- Irrigation system design requirements: 30 GPM minimum @ 50 PSI minimum at the point of connection. The Irrigation Contractor shall verify the available GPM and PSI prior to installation of the system. Point of Connection shall be to the SLW Central Irrigation System.
- Do not willfully install the irrigation system as shown on the drawings when it is obvious in the field that conditions exist that might not have been considered in the design process. For example: obstructions, grade differences, water levels, dimensional differences, etc. Refer to the Landscape Plan to avoid conflicts with proposed trees or shrubs.
- Piping may sometimes be indicated as being located in unlikely areas: i.e., under buildings or pavement, outside of property lines, in lakes or ditches, etc. This is done for graphic clarity only. Whenever possible, piping is to be installed in open, "green" areas.
- Contractor shall verify all underground utilities prior to commencement of work. The contractor is advised that city underground utilities are present in the work area. Contractor shall secure locates from utilities prior to any excavation.
- Contractor shall install pop-up sprinklers 6" from edge of sidewalk, 12" from walls and edge of road or parking area. Install shrub risers 18" from sidewalk, walls and edge of road or parking area.
- Irrigation system design is diagrammatic to improve clarity. All mainline piping, electric valves and wiring are to be installed in landscape areas and within Right of Way boundaries.
- If required, the Irrigation Contractor shall provide the necessary "Right of Way" use permits.
- Install bubblers on all large trees and palms.
- Size all pipe to insure flow velocity is under 5 feet per second.
- Pipe sizes shall conform to those on the drawings. Substituting with smaller pipe sizes will not be permitted.

- Mainline shall be installed with a minimum of 24" depth of cover. Lateral lines shall be installed with a minimum of 12" depth of cover.
- Wherever practical, install valves in mulched beds and/or out of high traffic areas. All valves and wire splices shall be installed in heavy duty plastic valves boxes with covers that read irrigation and be sized as follows:
 Remote Control Valves: standard 12" deep rectangle valve box
 Drip Zone Control Kits: jumbo 15" deep rectangle valve box
 Isolation Gate Valves: standard 12" deep rectangle valve box
 Wire Splices: standard 12" deep rectangle valve box
- Refer to Valve Designation Symbols for valve size, station number and designed flow rate for each remote control valve.
- All 24 volt control cable to be UL Listed, single strand, type UF 600 Volt control cable. Size and color as follows:
 Common Wires - size AWG #14 and WHITE in color.
 Hot Wires - size AWG #14 and RED in color.
 Spare Wires - size AWG #14 and BLUE in color.
- All splices to the 24 volt control wiring shall be made with DBY or equal type connectors.
- Run one (2) spare wires from controller in each direction of the mainline to furthest valves.
- All pop-up sprinkler heads shall be installed level and flush to grade.
- Provide and install rain sensor where it will be exposed to unobstructed sun/rainfall and connect to irrigation controller.
- All sleeves shall be 2 nominal pipe sizes larger than the size of the pipe to be accommodated. All pipe crossings over 5 feet in length shall be installed inside PVC pipe sleeving.
- Any other equipment required that is not otherwise detailed or specified shall be installed as per manufacturer's recommendations and specifications.
- The final location of all components shall be approved by the project engineer and/or owner.



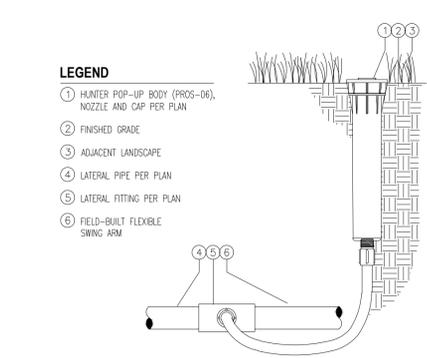
LEGEND

- HUNTER REMOTE CONTROL VALVE (PGV)
- IRRIGATION VALVE BOX: HEAT STAMP LID WITH "RCV" IN 2" LETTERS
- WATERPROOF CONNECTORS (2)
- 18"-24" COILED WIRE TO CONTROLLER
- FINISH GRADE AT ADJACENT SURFACE (TURF OR MULCH)
- SCH. 80 CLOSE NIPPLE, MATCH SIZE TO VALVE
- PVC SLIP X FPT ADAPTOR
- BRICK SUPPORTS (4)
- FILTER FABRIC - WRAP TWICE AROUND BRICK SUPPORTS
- 3/4" WASHED GRAVEL - 4" MIN. DEPTH
- IRRIGATION LATERAL
- MAINLINE AND FITTINGS

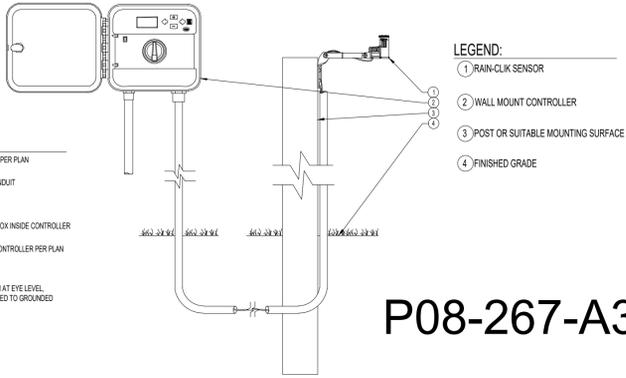


VALVE DETAIL

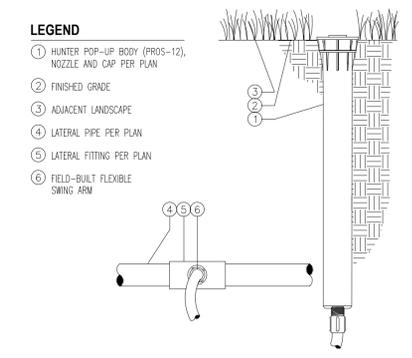
CONTROLLER DETAIL



PROS-6 DETAIL

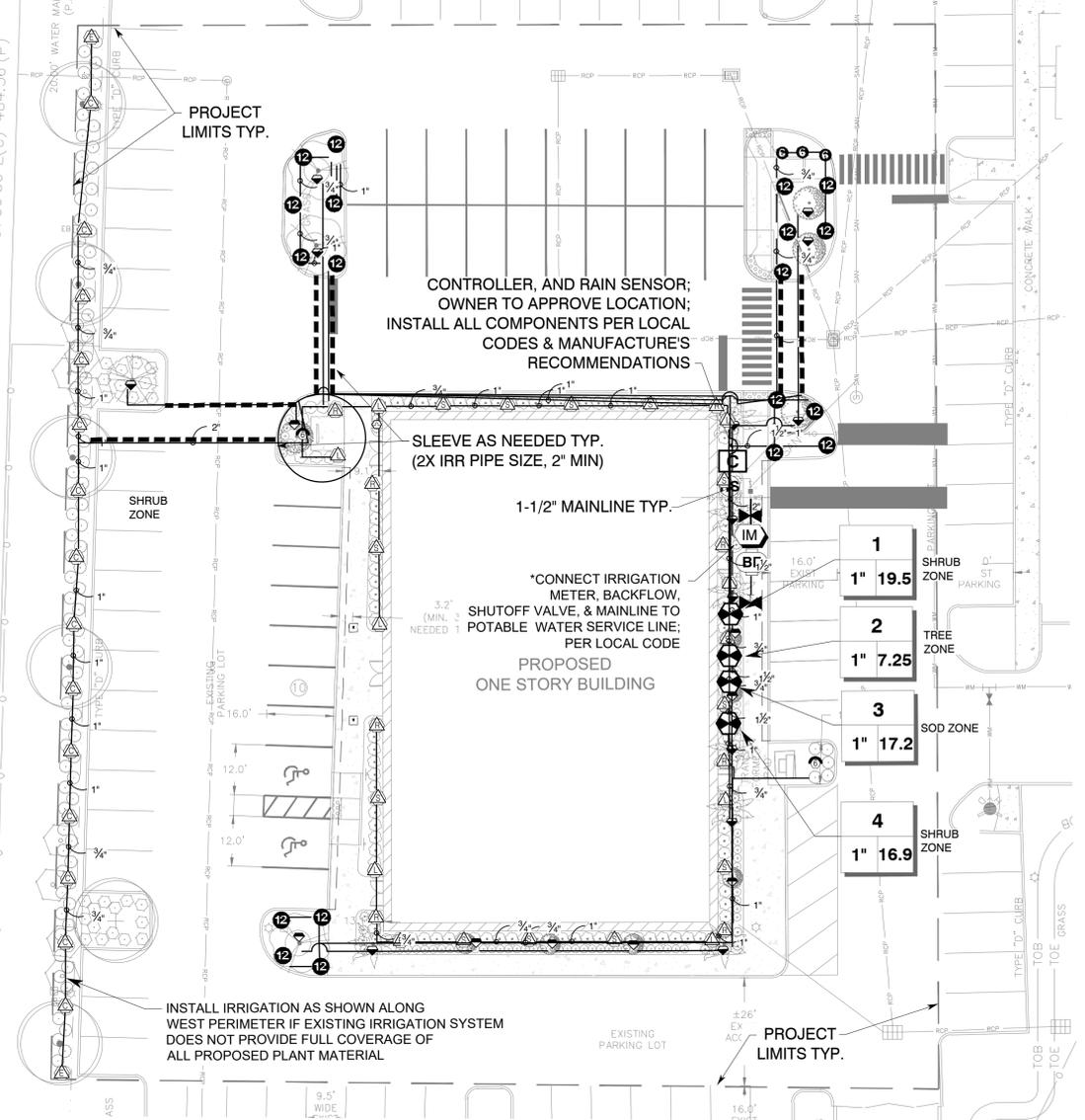


RAIN SENSOR DETAIL



PROS-12 DETAIL

*WATER SOURCE SHALL BE A CONNECTION TO THE CENTRAL SAINT LUCIE WEST IRRIGATION SYSTEM; CONNECTION SHOWN TO THE POTABLE SYSTEM IS ONLY IF THE SLW CENTRAL SYSTEM IS NOT AVAILABLE. MAINLINE, VALVES, & LATERAL LOCATIONS ARE SHOWN FOR GRAPHIC PURPOSES ONLY; CONTRACTOR TO FIELD LOCATE AS NEEDED TO AVOID CONFLICTS WITH CIVIL OR LANDSCAPE ITEMS.



Project Team
 Landscape Architect:
 LANDSCAPE ARCHITECTURAL SERVICES, LLC
 Brandon White | Owner
 772-834-1357 | brandon@las-fl.com
 Paul Goulas | Owner
 772-631-8400 | paul@las-fl.com
 1708 SE Joy Haven Street
 Port St. Lucie, FL 34983
 Civil Engineer:
THE MILCOR GROUP, INC.
 10975 SE Federal Highway
 Hobe Sound, FL 33455
 726 SE Port St Lucie Blvd, Unit 104
 Port St Lucie, FL 34984
 772-223-8850
 www.themilcorgroup.com

SLW-Fountainview Office
 Phase 2
 Port St Lucie, FL
Irrigation Plan

Revisions		
Date	Init.	Description
01.19.22	PG	Initial Submittal
04.19.22	PG	Per SLWCA Comments
04.19.22	PG	Per PSL Site Comments
05.15.23	PG	Per Revised Site Plan
7.24.23	PG	Revised Project Name
8.04.23	PG	Revised Project Name

REGISTERED LANDSCAPE ARCHITECT

 LA 0666807
 STATE OF FLORIDA
 PAUL GOULAS, RLA
 FLORIDA REG. # LA6666807

Drawn By: PG
 Checked By: PG
 Municipal Project: 08-267-A3
 Scale:

 SCALE: 1" = 20'

IR-1