





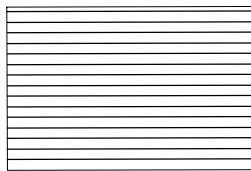






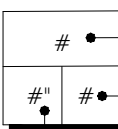


SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
	Hunter MP Strip PROS-06-PRS40-CV-F Turf Rotator, 6" pop-up with factory installed check valve, fluogard, pressure regulated to 40 psi, MP Rotator nozzle on PRS40 body, LST-Ivory left strip, SST-Brown side strip, RST-Copper right strip.	3	40
	Hunter MP1000 PROS-06-PRS40-CV-F Turf Rotator, 6" pop-up with check valve, fluogard, pressure regulated to 40 psi, MP Rotator nozzle on PRS40 body, M=Maroon adj arc 90 to 210, L=Light Blue 210 to 270 arc, O=Olive 360 arc.	33	40
	Hunter MP2000 PROS-06-PRS40-CV-F Turf Rotator, 6" pop-up with factory installed check valve, fluogard, pressure regulated to 40 psi, MP Rotator nozzle on PRS40 body, K=Black adj arc 90-210, G=Green adj arc 210-270, R=Red 360 arc.	12	40
	Hunter PROS-00-PCN 10 Flood Bubbler, on a PROS-04.	16	30
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
	Hunter ICZ-101 Drip Control Zone Kit. 1-in. ICV Globe Valve with 1in. HY100 filter system.	2	
	Pipe Transition Point in Drip Box Pipe transition point from PVC lateral to drip tubing with riser in 6" (150mm) drip box.	24	
	Area to Receive Dripline Hunter HDL-06-18 On-Surface Pressure Compensating Landscape Dripline. 0.6 GPH emitters at 18" O.C. Dripline laterals spaced at 18" apart, with emitters offset for triangular pattern.	2,755	If
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.	3	
	Gate Valve Aqualine Gate Valve or approved equal	1	
	Febco 765 1" 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-600 6-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 Schedule Class 200	2,935	If
	Irrigation Mainline: PVC Schedule 40	30	If

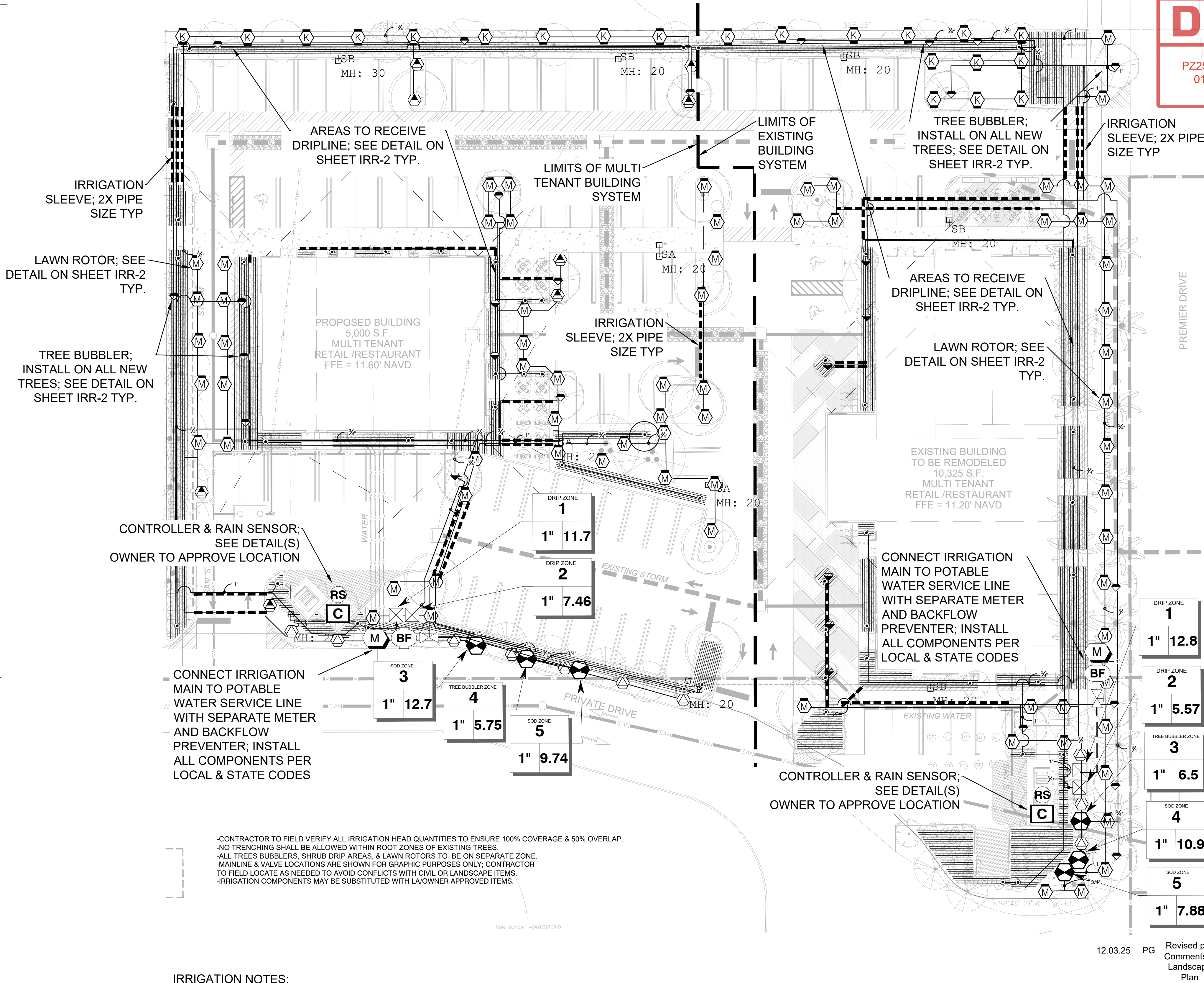
Valve Callout



Valve Number

Valve Flow

Valve Size



1. Irrigation system design requirements: 20 GPM minimum @ 40 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 potable water line.
2. 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.
3. 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.
4. 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 locations from utilities prior to any excavation. Use permits.
5. 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.
6. 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.
7. If required, the Irrigation Contractor shall provide the necessary "Right of Way" easement.
8. Install bubblers on all large trees and palms.
9. Size all pipe to insure flow velocity is under 5 feet per second.

10. Pipe sizes shall conform to those on the drawings. Substituting with smaller pipe sizes will not be permitted.
11. 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.
12. 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
13. Refer to Valve Designation Symbols for valve size, station number and designed flow rate for each remote control valve.
14. 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.
15. All splices to the 24 volt control wiring shall be made with DBY or equal type connectors.
16. Run one (2) spare wires from controller in each direction of the mainline to further valves.

17. All pop-up sprinkler heads shall be installed level and flush to grade.
18. Provide and install rain sensor where it will be exposed to unobstructed sun/rainfall and connect to irrigation controller.
19. 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.
20. Any other equipment required that is not other wise detailed or specified shall be installed as per manufacturer's recommendations and specifications.
21. The final location of all components shall be approved by the project engineer and/or owner.
22. Irrigation run times shall be in accordance with Section 319 of the Land Development Regulations (LDRs):
Daylight savings: Non-residential landscape irrigation may occur only on Tuesday and Friday and shall not occur between 10:00 a.m. and 4:00 p.m.; and d. No more than ¾ inch of water may be applied per irrigation zone on each day that irrigation occurs, and in no event shall irrigation occur for more than one (1) hour per irrigation zone on each day that irrigation occurs.

Eastern Standard: Non-residential landscape irrigation may occur only on Tuesday and shall not occur between 10:00 a.m. and 4:00 p.m.; and d. No more than ¾ inch of water may be applied per irrigation zone on each day that irrigation occurs, and in no event shall irrigation occur for more than one (1) hour per irrigation zone on each day that irrigation occurs.
23. In accordance with Section 319 of the Land Development Regulations (LDRs): The Irrigation Plan will meet GI-BMPs.

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| IRR-1: | IRRIGATION PLAN, IRRIGATION NOTES, & IRRIGATION SCHEDULE |
| IRR-2: | IRRIGATION DETAILS & SPECIFICATIONS |

DRC

Project Team
Landscape Architect:

LANDSCAPE
ARCHITECTURAL
SERVICES, LLC

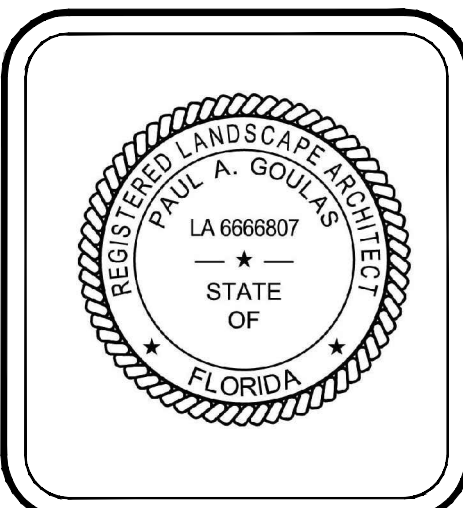
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
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FOLIO 4942-03-27-0012
PROPOSED SHELL BLDG
2100 W ATLANTIC BLVD
POMPANO BEACH, FLORIDA 33069
Irrigation Plan

Revisions		
Date	Init.	Description
07.26.22	PG	Initial Submittal
12.06.22	PG	Revised per Landscape Plan
2.27.23	PG	Revised per Landscape Plan
3.29.23	PG	Revised per Landscape Plan
5.13.25	PG	Revised per Landscape Plan



Drawn By:	PG
Checked By:	PG
Municipal Project:	
Scale:	
	
IRR-1	