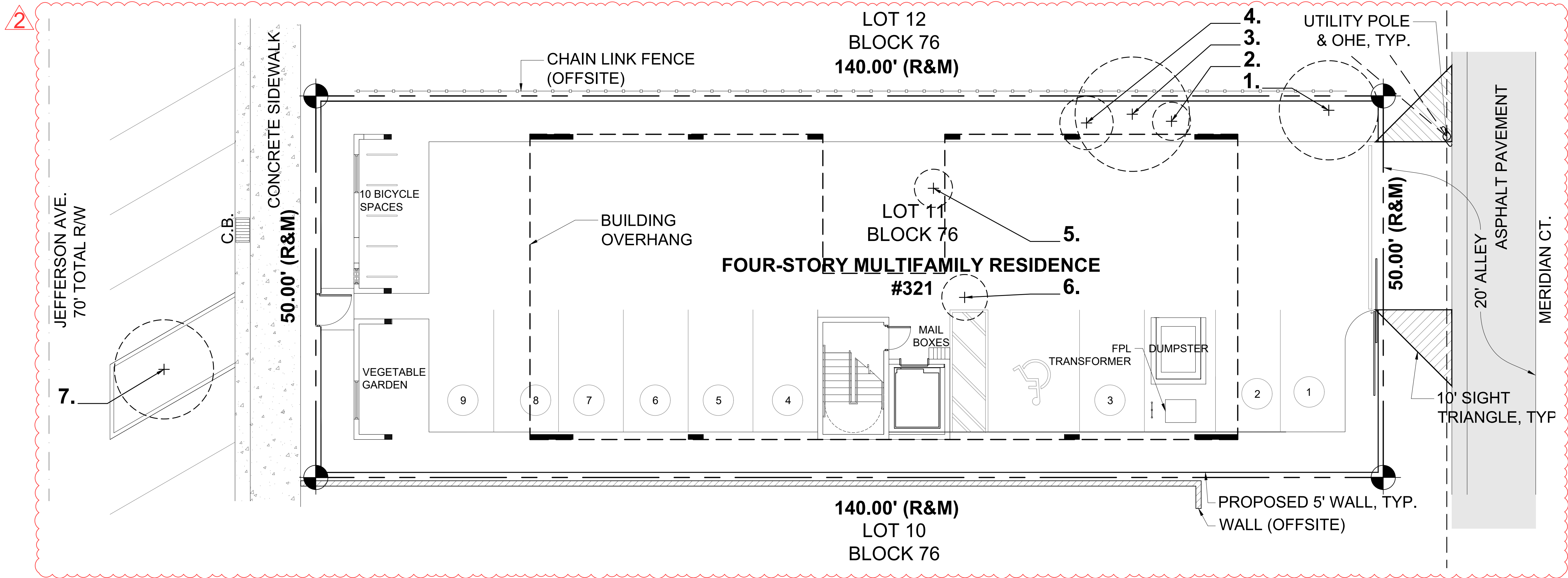


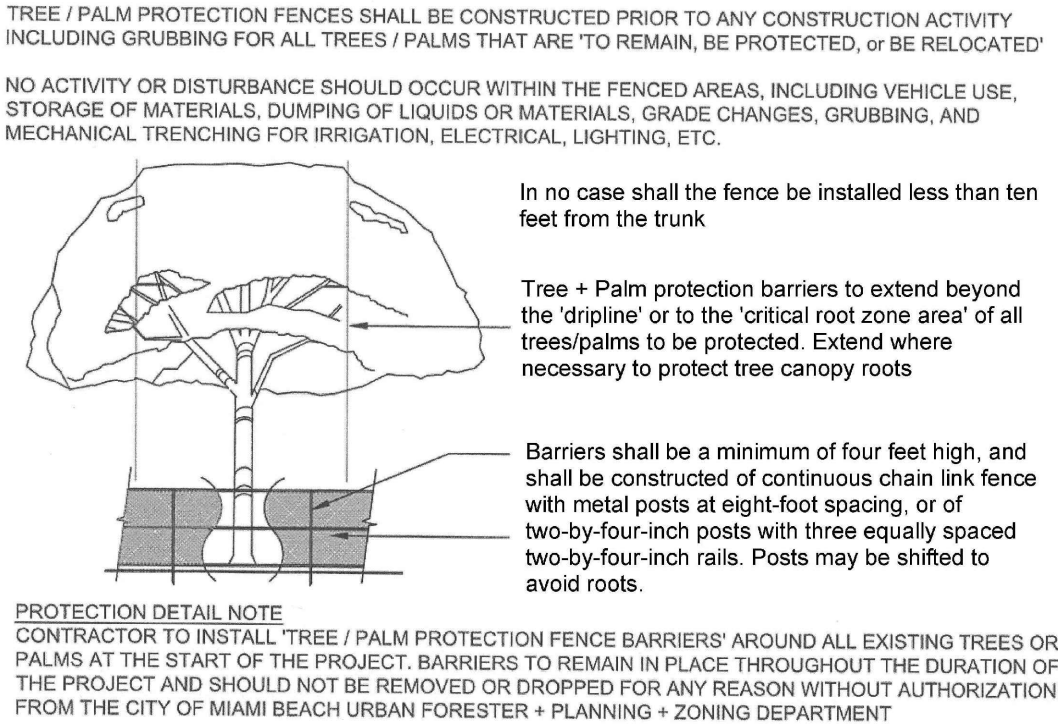
L-01



EXISTING TREE DATA:

TREE #	BOTANICAL NAME	COMMON NAME	DBH (IN)	HEIGHT (FT)	SPREAD (FT)	DISPOSITION	REQUIRED REPLACEMENT (DBH IN)
1	Terminalia catappa	Tropical Almond	5	17	13	REMOVE	
2	Adonidia merrillii	Christmas Palm	6	20	5	REMOVE	2
3	Terminalia catappa	Tropical Almond	6	20	15	REMOVE	
4	Adonidia merrillii	Christmas Palm	5	20	7	REMOVE	2
5	Adonidia merrillii	Christmas Palm	5	16	5	REMOVE	
6	Adonidia merrillii	Christmas Palm	5	21	6	REMOVE	
7	Bursera simaruba	Gumbo Limbo	5	15	13	REMAIN	
TOTAL DBH REPLACEMENT REQUIRED:							4
REPLACEMENT PLANTED ONSITE:							4
DBH INCHES REMAINING:							0
TREE FUND CONTRIBUTION OWED:							0

Total diameter of tree(s) to be removed (sum of inches at DBH)	Total number of replacement trees required (where each Replacement Tree is a minimum of 2" DBH x 6' spread in Canopy x 12' in height)	OR	Total number of replacement trees required (where each Replacement Tree is a minimum of 4" DBH x 8' spread in Canopy x 16' in height)	Contribution to Tree Trust Fund
2"—3"	1	or	0	\$1,000.00
4"—6"	2	or	1	\$2,000.00
7"—12"	4	or	2	\$4,000.00
13"—18"	6	or	3	\$6,000.00
19"—24"	8	or	4	\$8,000.00
25"—30"	10	or	5	\$10,000.00
31"—36"	12	or	6	\$12,000.00
37"—42"	14	or	7	\$14,000.00
43"—48"	16	or	8	\$16,000.00
49"—60"	20	or	10	\$20,000.00



TREE PROTECTION DETAIL
Not to Scale

Project Team

Landscape Architect:

LANDSCAPE
ARCHITECTURAL
SERVICES, LLC
1708 SE Joy Haven Street
Port St. Lucie, FL 34983
(772) 834-1357 | brandon@las-fl.com

Owner:

TRISH ALEXANDER
321 Jefferson Avenue
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Multifamily Residence

321 Jefferson Ave, Miami Beach, Florida 33139

Tree Disposition Plan

Revisions		
Date	Init.	Description
04.19.23	DC	Initial Submittal
05.10.23	DC	Initial Submittal
08.30.23	DC	Revised per Site Plan

REGISTERED LANDSCAPE ARCHITECT

PAUL GOULAS, RLA
FLORIDA REG. # LA6666807

Drawn By: DC

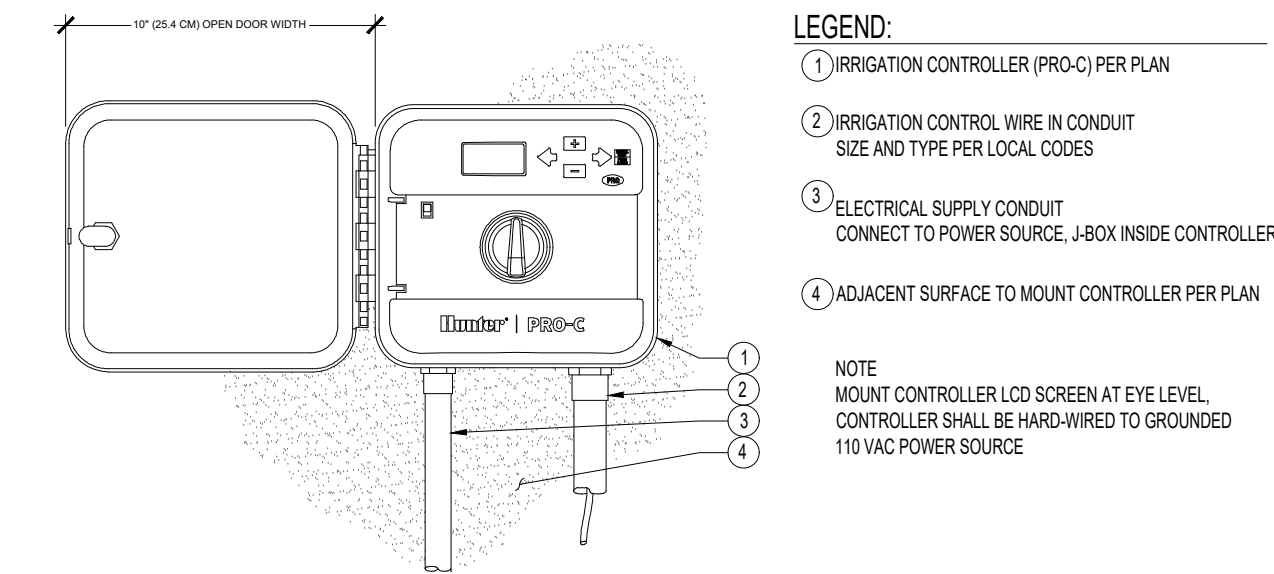
Checked By: PG

Municipal Project:

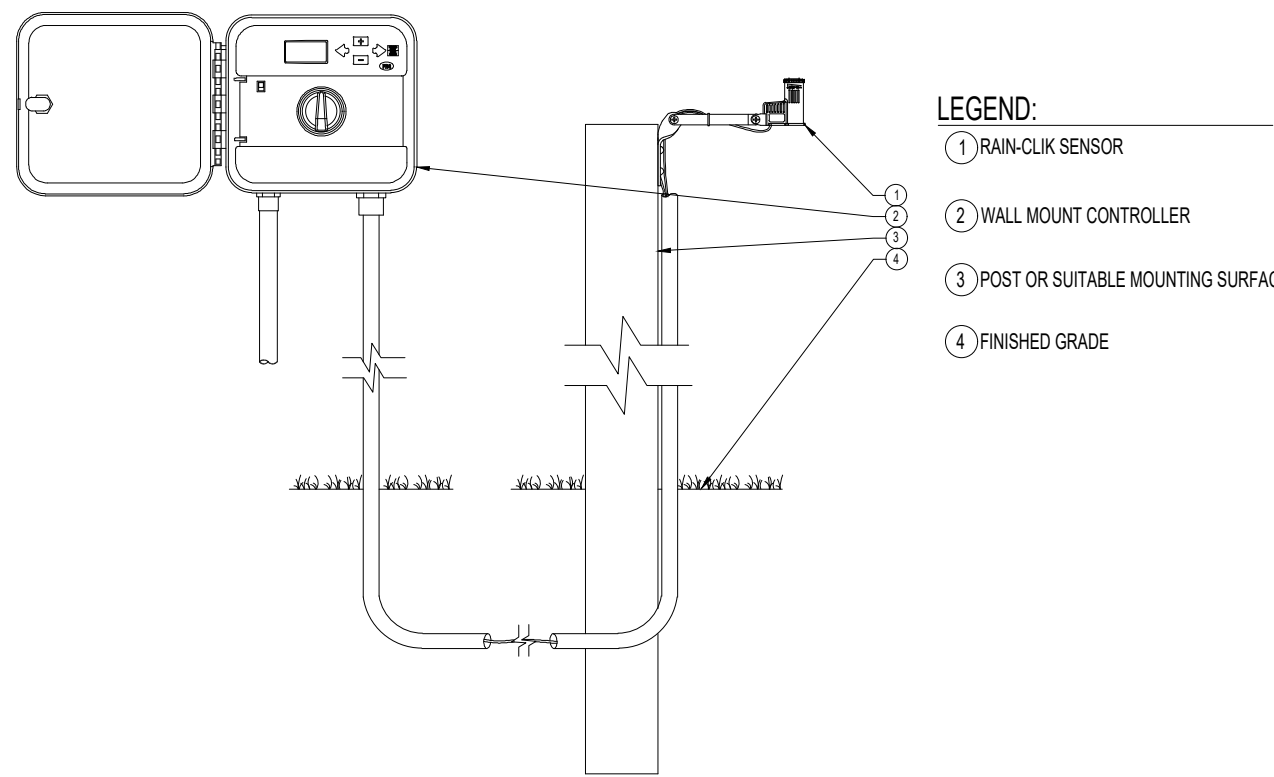
Scale:

SCALE: 1" = 8'

L-02



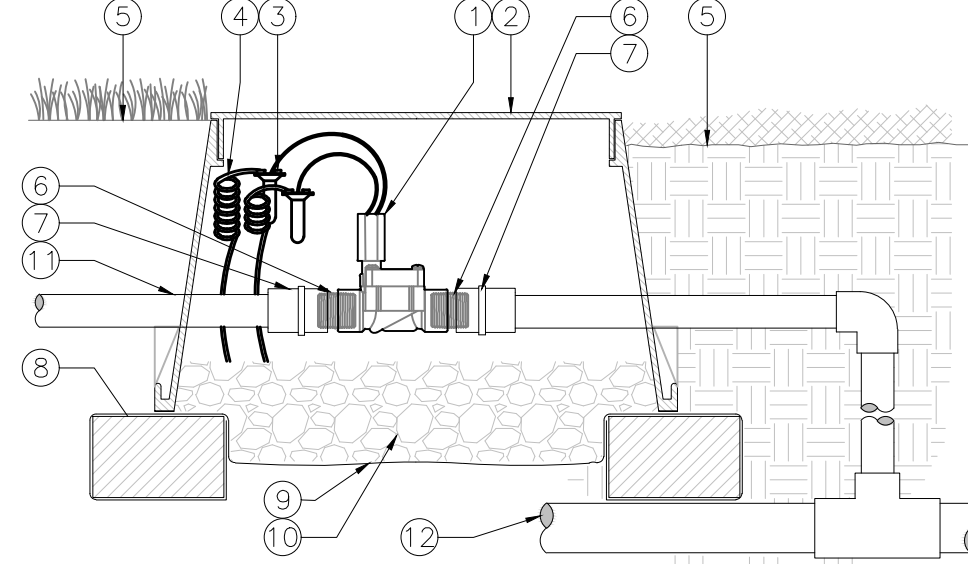
CONTROLLER DETAIL



RAIN SENSOR DETAIL

LEGEND

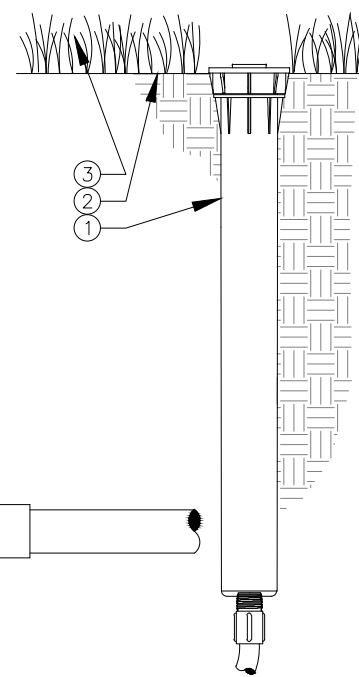
- 1 HUNTER REMOTE CONTROL VALVE (PGV)
- 2 IRRIGATION VALVE BOX: HEAT STAMP LID WITH "RCV" IN 2" LETTERS
- 3 WATERPROOF CONNECTORS (2)
- 4 18"-24" COILED WIRE TO CONTROLLER
- 5 FINISH GRADE AT ADJACENT SURFACE (TURF OR MULCH)
- 6 SCH. 80 CLOSE NIPPLE, MATCH SIZE TO VALVE
- 7 PVC SLIP X FPT ADAPTOR WITH 8 BRICK SUPPORTS (4)
- 8 BRICK SUPPORTS (4)
- 9 FILTER FABRIC - WRAP TWICE AROUND BRICK SUPPORTS
- 10 3/4" WASHED GRAVEL - 4" MIN. DEPTH
- 11 IRRIGATION LATERAL
- 12 MAINLINE AND FITTINGS



VALVE DETAIL

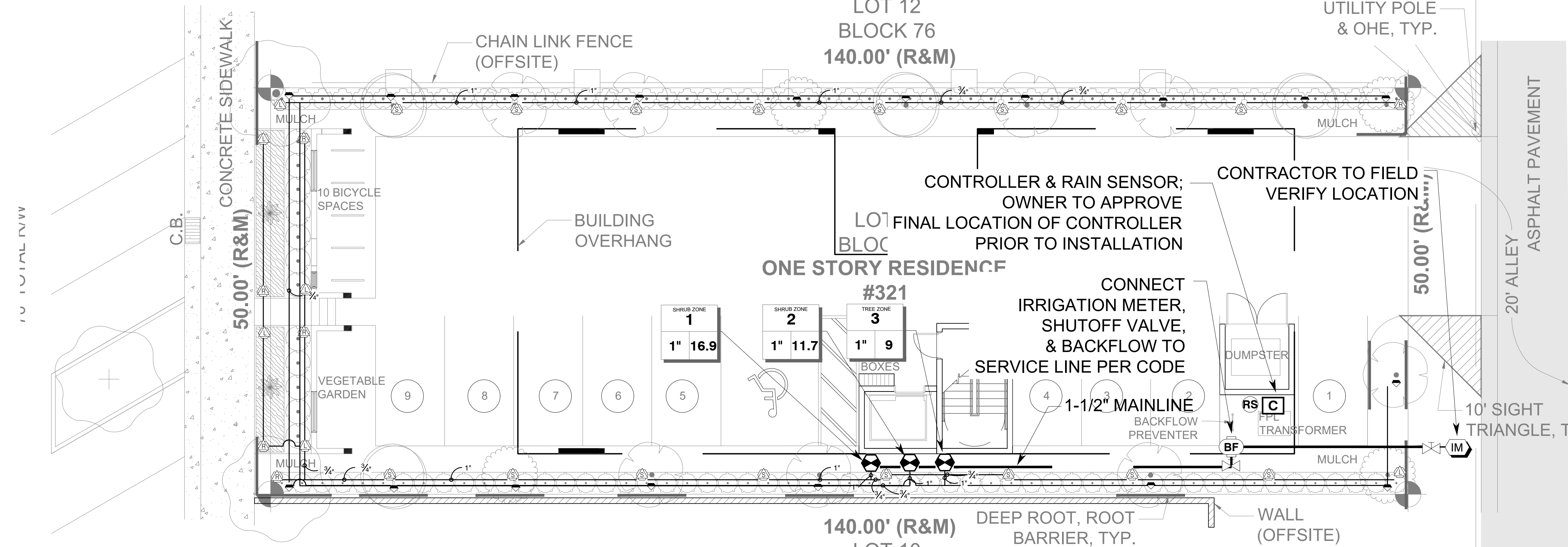
LEGEND

- 1 HUNTER POP-UP BODY (PROS-12), NOZZLE AND CAP PER PLAN
- 2 FINISHED GRADE
- 3 ADJACENT LANDSCAPE
- 4 LATERAL PIPE PER PLAN
- 5 LATERAL FITTING PER PLAN
- 6 FIELD-BUILT FLEXIBLE SWING ARM



PROS-12 DETAIL

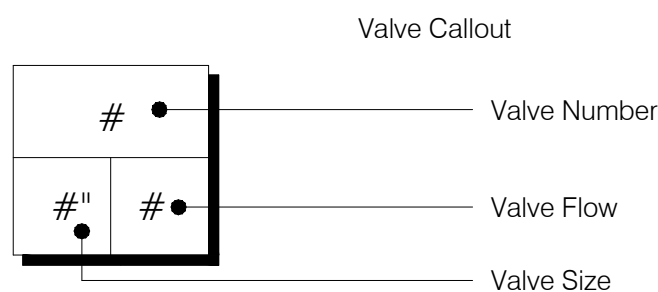
10 BICYCLE SPACES



*MAINLINE, VALVES, & LATERAL LOCATIONS ARE SHOWN FOR GRAPHIC PURPOSES ONLY; CONTRACTOR TO FIELD LOCATE AS NEEDED TO AVOID CONFLICTS WITH CIVIL OR LANDSCAPE ITEMS.

IRRIGATION SCHEDULE 321 JEFFERSON AVE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
	Hunter PROS-12-PRS30 5' strip spray	28	30
	Shrub Spray, 30 psi regulated 12.0" Pop-Up. Co-molded wiper seal with UV Resistant Material.		
	Hunter PROS-00-PCN 10	18	30
	Flood Bubbler, on fixed riser.		
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
	Hunter PGV-100G-S	3	
	1" Plastic Electric Remote Control Valve, for Residential/Light Commercial Use. Slip x Slip. Globe Configuration, No Flow Control.		
	Gate Valve	2	
	Aqualine Gate Valve or approved equal		
	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-600	1	
	Light Commercial & Residential Controller, 6-Station fixed controller, 120 VAC, Outdoor model		
	Hunter RAIN-CLIK	1	
	Rain Sensor, with conduit installation, mount as noted. Normally closed switch.		
	Irrigation Meter	1	
	1" Irrigation Meter		
	Irrigation Lateral Line: PVC Class 200	830 l.f.	
	Irrigation Mainline: PVC Schedule 40	75 l.f.	



*Quantities to be field verified by contractor
*All items listed may be substituted with LA/Owner approved equal

IRRIGATION NOTES:

1. Irrigation system design requirements: 25 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 domestic water service.
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 locates from utilities prior to any excavation.
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" use permits.
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 furthest 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.



Project Team

Landscape Architect:

LAS LANDSCAPE ARCHITECTURAL SERVICES, LLC

Brandon White | Owner
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Paul Goulas | Owner
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1708 SE Joy Haven Street
Port St. Lucie, FL 34983

Owner:

TRISH ALEXANDER
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t.alexander@ussecurity.biz

Multifamily Residence

321 Jefferson Ave, Miami Beach, Florida 33139

Irrigation Plan

Revisions		
Date	Init.	Description
04.19.23	PG	Initial Submittal

Digitally signed by Paul A. Goulas
Date: 2023.04.20 08:55:33 -04'00'
Adobe Acrobat version: 2023.001.20143

PAUL GOULAS, RLA
FLORIDA REG. # LA6666807

Drawn By: DC

Checked By: PG

Municipal Project:

Scale:

NORTH

SCALE: 1/8" =1'-0"

0 4' 16' 32'

IRR-1