

May 29, 2025

PROJECT NAME: MULTI-FAMILY NW 57TH CT - 1 QUADRUPLEX - LOT 11&12

PROJECT NUMBER: 2025020020

APPLICATION: MINOR SITE PLAN #32468

- 1 DEPARTMENT: ZONE - ZONING DEPARTMENT
REVIEW ITEM: 2.20.2.B - \$150.00 Minor Site Plan fee payable to Marion County BCC effective July 8, 2019
STATUS OF REVIEW: INFO
REMARKS: Has plan fee been paid? (\$150)
- 2 DEPARTMENT: ZONE - ZONING DEPARTMENT
REVIEW ITEM: 2.12.6 - Location of water and sewer. Does this need a special use permit? Verify if in primary springs protection zone. Will it need an enhanced septic system?
STATUS OF REVIEW: INFO
REMARKS: Does this require a special use permit?
- 3 DEPARTMENT: ZONE - ZONING DEPARTMENT
REVIEW ITEM: 4.4.4 - Sign (provisions for advertising signage), if it is a multi occupancy complex like shopping centers they must submit a master sign plan.
STATUS OF REVIEW: INFO
REMARKS: Will there be a sign?
- 4 DEPARTMENT: ZONE - ZONING DEPARTMENT
REVIEW ITEM: 2.12.27 - Show location of outside storage areas
STATUS OF REVIEW: INFO
REMARKS: Will there be outside storage?
- 5 DEPARTMENT: ZONE - ZONING DEPARTMENT
REVIEW ITEM: Additional Zoning Comments
STATUS OF REVIEW: INFO
REMARKS:
- 6 DEPARTMENT: DOH - ENVIRONMENTAL HEALTH
REVIEW ITEM: Additional Health comments
STATUS OF REVIEW: INFO
REMARKS: Will need availability letter from utilities
If on septic please apply for septic permits through the Department of Health in Marion County
- 7 DEPARTMENT: UTIL - MARION COUNTY UTILITIES
REVIEW ITEM: 6.14.2 A.1 - Public water service area/provider
STATUS OF REVIEW: INFO
REMARKS: 2.10.25 FGUA/Aqua Utilities
- 8 DEPARTMENT: UTIL - MARION COUNTY UTILITIES
REVIEW ITEM: 6.14.2 A.1 - Public sewer service area/provider
STATUS OF REVIEW: INFO
REMARKS: 2.10.25 FGUA/Aqua Utilities
- 9 DEPARTMENT: UTIL - MARION COUNTY UTILITIES
REVIEW ITEM: 6.14.2.A - Water Connection Requirements

STATUS OF REVIEW: INFO
REMARKS: 2.10.25 - FGUA/Aqua Utilities

10 DEPARTMENT: UTIL - MARION COUNTY UTILITIES
REVIEW ITEM: 6.14.2 A - Sewer Connection Requirements
STATUS OF REVIEW: INFO
REMARKS: 2.10.25 - FGUA/Aqua Utilities

11 DEPARTMENT: LUCURR - LAND USE CURRENT REVIEW
REVIEW ITEM: 2.12.4.L(3) - All applicable Developer's Agreements listed?
STATUS OF REVIEW: INFO
REMARKS: Please list any development agreements in General Notes or on the Cover Page.

12 DEPARTMENT: LUCURR - LAND USE CURRENT REVIEW
REVIEW ITEM: 2.12.4.L(5)/5.4 - [Applicable Springs Protection Zone Listed?]
STATUS OF REVIEW: INFO
REMARKS: Please include in General Notes or on Cover Page. Subject parcel is located within the Secondary Springs Protection Zone.

13 DEPARTMENT: LUCURR - LAND USE CURRENT REVIEW
REVIEW ITEM: 2.12.5/1.8.2.A - Concurrency/Traffic - Study/Capacity Available?
STATUS OF REVIEW: INFO
REMARKS: To be determined by traffic analysis.

14 DEPARTMENT: ENRAA - ACQ AGENT ENG ROW
REVIEW ITEM: Minor Site Plan
STATUS OF REVIEW: INFO
REMARKS: IF APPLICABLE:
Sec. 2.18.1.I - Show connections to other phases.
Sec.2.19.2.H – Legal Documents
Legal documents such as Declaration of Covenants and Restrictions, By-Laws, Articles of Incorporation, ordinances, resolutions, etc.
Sec. 6.3.1.B.1 – Required Right of Way Dedication (select as appropriate)
For Public Streets. "[All streets and rights-of-way shown on this plat or name specifically if less than all] are hereby dedicated for the use and benefit of the public."
Sec. 6.3.1.B.2 – Required Right of Way Dedication
For Non-Public Streets. "[All streets and rights-of-way shown on this plat or name specifically if less than all] are hereby dedicated privately to the [entity name]. All public authorities and their personnel providing services to the subdivision are granted an easement for access. The Board of County Commissioners of Marion County, Florida, shall have no responsibility, duty, or liability whatsoever regarding such streets. Marion County is granted an easement for emergency maintenance in the event of a local, state, or federal state of emergency wherein the declaration includes this subdivision or an emergency wherein the health, safety, or welfare of the public is deemed to be at risk."
Sec. 6.3.1.D.3 - Cross Access Easements
For Cross Access Easements. "All parallel access easements shown on this plat are hereby dedicated for the use and benefit of the public, and maintenance of said easements is the responsibility of [entity name]."
Sec. 6.3.1.C.1 - Utility Easements (select as appropriate)
"[All utility easements shown or noted or name specifically if less than all] are dedicated [private or to the public] for the construction, installation, maintenance, and operation of utilities by any utility provider."
Sec. 6.3.1.C.2 – Utility Easements
"[All utility tracts or identify each tract as appropriate] as shown are dedicated [private or to the public] for the construction and maintenance of such facilities."

Sec.6.3.1.D(c)(1)(2)(3) - Stormwater easements and facilities, select as appropriate:

1 "[All stormwater and drainage easements as shown or noted or name specifically if less than all] are dedicated [private or to the public] for the construction and maintenance of such facilities."

2. "[All stormwater management tracts or identify each tract as appropriate] as shown are dedicated [private or to the public] for the construction and maintenance of such facilities."

3. When any stormwater easement and/or management tract is not dedicated to the public or Marion County directly, the following statement shall be added to the dedication language: "Marion County is granted the right to perform emergency maintenance on the [stormwater easement and/or management tract, complete accordingly] in the event of a local, state, or federal state of emergency wherein the declaration includes this subdivision or an emergency wherein the health, safety, or welfare of the public is deemed to be at risk."

Sec.6.3.1.D(f) –

If a Conservation Easement is required the following shall be provided: "A conservation easement [as shown or on tract and identify the tract, complete accordingly] is dedicated to [the Board of County Commissioners of Marion County, Florida or entity name, if not Marion County] for the purpose of preservation of [listed species, habitat, Karst feature and/or native vegetation, complete accordingly]."

15 DEPARTMENT: ZONE - ZONING DEPARTMENT

REVIEW ITEM: 2.20.1.A - When any of the Minor Site Plan thresholds are exceeded, a Major Site Plan is required

STATUS OF REVIEW: NO

REMARKS: Information not included to determine.

16 DEPARTMENT: ZONE - ZONING DEPARTMENT

REVIEW ITEM: 2.12.4.C - Owner and applicants name

STATUS OF REVIEW: NO

REMARKS: Include on cover page.

17 DEPARTMENT: ZONE - ZONING DEPARTMENT

REVIEW ITEM: 2.12.4.L(1) - Parcel number

STATUS OF REVIEW: NO

REMARKS: Include on cover page.

18 DEPARTMENT: ZONE - ZONING DEPARTMENT

REVIEW ITEM: 2.12.21/6.3.1.C(10) - Land use and zoning on project and on adjacent properties shown

STATUS OF REVIEW: NO

REMARKS: Please add to cover page.

19 DEPARTMENT: ZONE - ZONING DEPARTMENT

REVIEW ITEM: 2.12.4.L(4) - Zoning requirements: lot width, area, setbacks, coverage (floor area ratios), and parking

STATUS OF REVIEW: NO

REMARKS: Include on cover page.

20 DEPARTMENT: ZONE - ZONING DEPARTMENT

REVIEW ITEM: 2.12.24 - Landscape requirements, (buffering) 6.8.6

STATUS OF REVIEW: NO

REMARKS: Contingent on waiver request approval

21 DEPARTMENT: ZONE - ZONING DEPARTMENT

REVIEW ITEM: 2.12.4.L(7) - List and describe land use including floor area of particular use (example: office, warehouse, storage or assembly) these descriptions are often found in the summary of parking

requirements but should be clearly shown on plan

STATUS OF REVIEW: NO

REMARKS: Include on cover page.

22 DEPARTMENT: ZONE - ZONING DEPARTMENT

REVIEW ITEM: 2.12.4.L(10) - Parking requirements, service entrances, space size paved parking isle and access to parking area (6.11.8) offstreet parking requirements, (6.11.7) Loading Areas

STATUS OF REVIEW: NO

REMARKS: Include on cover page.

23 DEPARTMENT: ZONE - ZONING DEPARTMENT

REVIEW ITEM: 2.12.4.L(6) - Acreage of tract

STATUS OF REVIEW: NO

REMARKS: Include on cover sheet

24 DEPARTMENT: ENGIN - DEVELOPMENT REVIEW

REVIEW ITEM: 2.12.3 - Title block shall be shown on all sheets denoting type of application; project name, location, county, and state; and date of original and all revisions

STATUS OF REVIEW: NO

REMARKS: 2/10/25-No cover sheet found

25 DEPARTMENT: ENGIN - DEVELOPMENT REVIEW

REVIEW ITEM: 2.12.4.A - Type of application

STATUS OF REVIEW: NO

REMARKS: 2/10/25-No cover sheet found

26 DEPARTMENT: ENGIN - DEVELOPMENT REVIEW

REVIEW ITEM: 2.12.4.K - List of approved waivers, conditions, date of approval

STATUS OF REVIEW: NO

REMARKS: 2/10/25-No cover sheet found

27 DEPARTMENT: ENGIN - DEVELOPMENT REVIEW

REVIEW ITEM: 2.12.4.L(1) - Parcel number

STATUS OF REVIEW: NO

REMARKS: 2/10/25-No cover sheet found

28 DEPARTMENT: ENGTRF - TRAFFIC REVIEW

REVIEW ITEM: 6.11.3 - Traffic Impact Analysis

STATUS OF REVIEW: NO

REMARKS: 2/19/25 - Traffic statement needed. ITE Trip Generation Manual, 11th Edition, land use code 220 should be referenced.

29 DEPARTMENT: ENGTRF - TRAFFIC REVIEW

REVIEW ITEM: 6.11.6 - Construction route

STATUS OF REVIEW: NO

REMARKS: 2/19/25 - Indicate on plans that construction traffic must utilize the most direct route to and from NW 60th Ave.

30 DEPARTMENT: ENGTRF - TRAFFIC REVIEW

REVIEW ITEM: 6.12.12 - Sidewalks

STATUS OF REVIEW: NO

REMARKS: 2/19/25 - Sidewalks are required along NW 57th Court. Traffic staff supports a waiver to this

requirement at this location which must be approved by the Development Review Committee.

- 31 DEPARTMENT: LSCAPE - LANDSCAPE DESIGN AND IRRIGATION
REVIEW ITEM: 2.12.18 - All trees 10" DBH and larger
STATUS OF REVIEW: NO
REMARKS: Identify all trees, listing type as tree is not acceptable
- 32 DEPARTMENT: LSCAPE - LANDSCAPE DESIGN AND IRRIGATION
REVIEW ITEM: 6.7.3 - Tree protection
STATUS OF REVIEW: NO
REMARKS: show tree protection on plan and in detail
- 33 DEPARTMENT: LSCAPE - LANDSCAPE DESIGN AND IRRIGATION
REVIEW ITEM: 6.7.6 - Tree removal submittal requirements
STATUS OF REVIEW: NO
REMARKS: 11 trees shown on plan as being removed, only 2 shown in list
Please clarify Please provide diameter in inches
- 34 DEPARTMENT: LSCAPE - LANDSCAPE DESIGN AND IRRIGATION
REVIEW ITEM: 6.7.8 - Protected tree replacement requirements
STATUS OF REVIEW: NO
REMARKS: Provide tree mitigation calculations
- 35 DEPARTMENT: LSCAPE - LANDSCAPE DESIGN AND IRRIGATION
REVIEW ITEM: 6.7.9 - Replacement trees; general requirements.
STATUS OF REVIEW: NO
REMARKS: Provide number of replacement trees if applicable
- 36 DEPARTMENT: LSCAPE - LANDSCAPE DESIGN AND IRRIGATION
REVIEW ITEM: 6.8.6 - Buffers
STATUS OF REVIEW: NO
REMARKS: 1. Show and label groundcovers in Type C buffer 2.Show Type A buffers at 30' wide. 3. some plant labels are missing, please provide 4. Pines are not recommended for buffers due to proximity to building, considered alternatives
- 37 DEPARTMENT: LSCAPE - LANDSCAPE DESIGN AND IRRIGATION
REVIEW ITEM: 6.8.8 - Building landscaping
STATUS OF REVIEW: NO
REMARKS: Provide min. 5' wide foundation planting area along 60% of public view side of building
- 38 DEPARTMENT: LSCAPE - LANDSCAPE DESIGN AND IRRIGATION
REVIEW ITEM: 6.8.10 - General planting requirements (specifications)
STATUS OF REVIEW: NO
REMARKS: 1. Planting note #6 references City of Marion County..., please correct to Marion County 2. All plant material shall be Florida Grade #1
- 39 DEPARTMENT: LSCAPE - LANDSCAPE DESIGN AND IRRIGATION
REVIEW ITEM: 6.19.3 - Outdoor lighting plan requirements
STATUS OF REVIEW: NO
REMARKS: Will there be outdoor lighting? if so, please submit a signed and sealed photometric plan

40 DEPARTMENT: UTIL - MARION COUNTY UTILITIES

REVIEW ITEM: 6.14.2 A.1 - Letter of Availability and Capacity (w/Location Map of water and/or sewer as app) from provider

STATUS OF REVIEW: NO

REMARKS: 2.10.25 Parcel is within FGUA/Aqua Utilities Service Area. A letter from FGUA/Aqua Utilities will stating service availability and connection requirements shall be submitted prior to building permit issuance. Insure FGUA has seen and approved utility connection, as they are not part of MCU's review process.

41 DEPARTMENT: LUCURR - LAND USE CURRENT REVIEW

REVIEW ITEM: 2.12.4.L(6) - Gross/wetland/floodplain acreage listed?

STATUS OF REVIEW: NO

REMARKS: List floodplain type and total acreage if applicable.



**Marion County
Board of County Commissioners**

Office of the County Engineer

412 SE 25th Ave.
Ocala, FL 34471
Phone: 352-671-8686
Fax: 352-671-8687

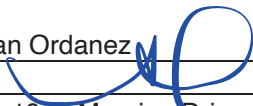
DEVELOPMENT REVIEW COMMITTEE WAIVER REQUEST FORM

Date: 05/20/2025 Parcel Number(s): 2164-003-011 Permit Number: 32468

A. PROJECT INFORMATION: Fill in below as applicable:

Project Name: Minor Site Plan NW 57th Court Lot 11 and 12 Commercial Residential
Subdivision Name (if applicable): _____
Unit _____ Block _____ Lot 11 and 12 Tract _____

B. PROPERTY OWNER'S AUTHORIZATION: The property owner's signature authorizes the applicant to act on the owner's behalf for this waiver request. The signature may be obtained by email, fax, scan, a letter from the property owner, or original signature below.

Name (print): Adan Ordanez
Signature: 
Mailing Address: 1911 Morning Drive City: Orlando
State: FL Zip Code: 32809 Phone # 407.223.2109
Email address: adaninvestments@adanordonez.com

C. APPLICANT INFORMATION: The applicant will be the point of contact during this waiver process and will receive all correspondence.

Firm Name (if applicable): Linn Engineering & Design, Inc Contact Name: Shenika Thomas
Mailing Address: P.O. Box 140024 City: Orlando
State: FL Zip Code: 32814 Phone # 407-775-5194
Email address: sthomas@linnengineering.com

D. WAIVER INFORMATION:

Section & Title of Code (be specific): Dision 8- Landscaping; Sec.6.8.6 -Buffers; Table 6.8-2
Reason/Justification for Request (be specific): Reduce buffer size from 30' to 15'.

DEVELOPMENT REVIEW USE:

Received By: _____ Date Processed: _____ Project # _____ AR # _____

ZONING USE: Parcel of record: Yes No Eligible to apply for Family Division: Yes No
Zoned: _____ ESOZ: _____ P.O.M. _____ Land Use: _____ Plat Vacation Required: Yes No
Date Reviewed: _____ Verified by (print & initial): _____



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DEVELOPMENT REVIEW COMMITTEE WAIVER REQUEST FORM

Section & Title of Code (be specific) _____ Section. 6.12.12- Sidewalks

Reason/Justification for Request (be specific): Fee in lieu of construction.

Section & Title of Code (be specific) _____

Reason/Justification for Request (be specific): _____

Section & Title of Code (be specific) _____

Reason/Justification for Request (be specific): _____

Section & Title of Code (be specific) _____

Reason/Justification for Request (be specific): _____

Section & Title of Code (be specific) _____

Reason/Justification for Request (be specific): _____

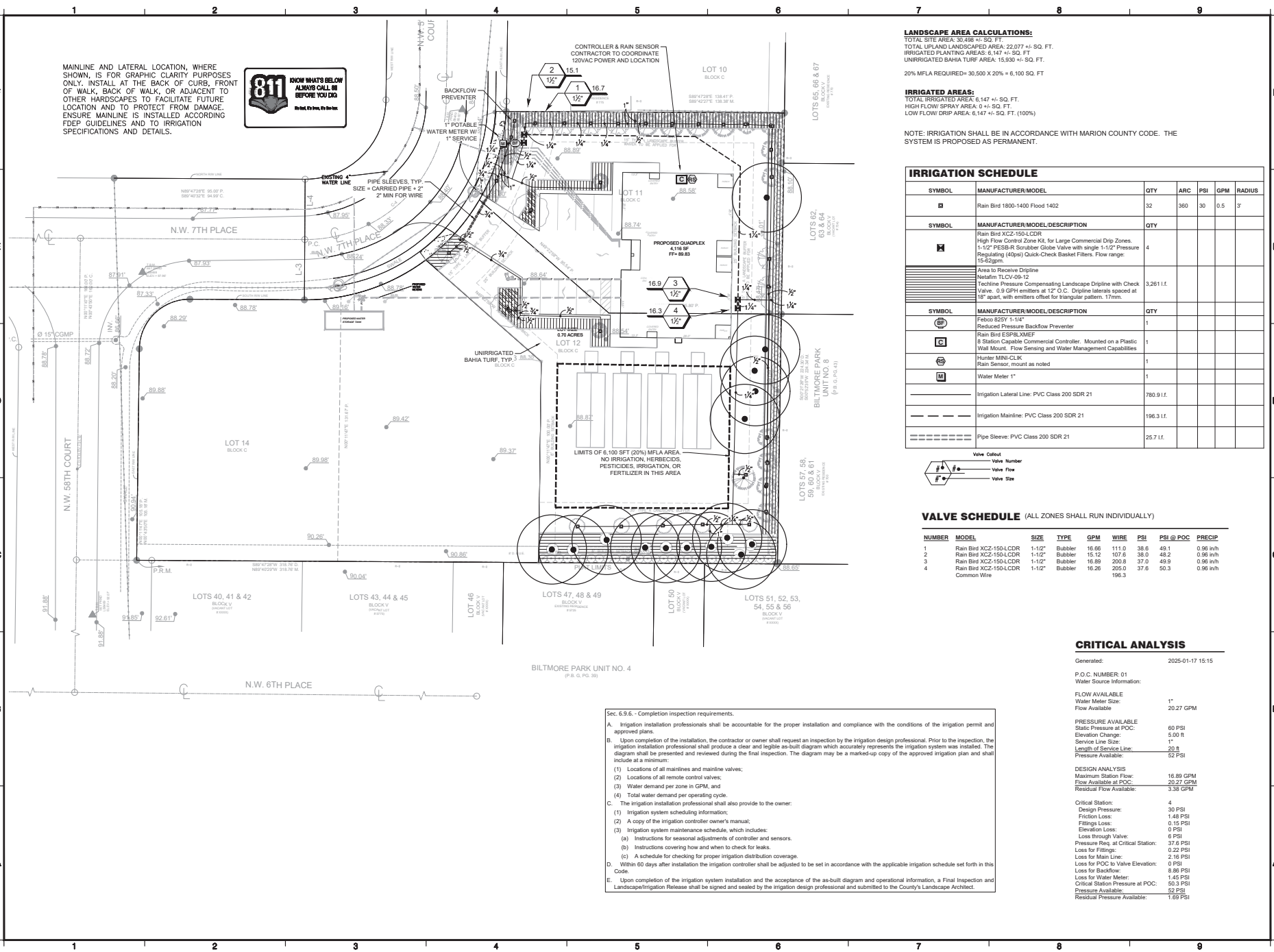
Section & Title of Code (be specific) _____

Reason/Justification for Request (be specific): _____

Section & Title of Code (be specific) _____

Reason/Justification for Request (be specific): _____

MAINLINE AND LATERAL LOCATION, WHERE SHOWN, IS FOR GRAPHIC CLARITY PURPOSES ONLY. INSTALL AT THE BACK OF CURB, FRONT OF WALK, BACK OF WALK, OR ADJACENT TO OTHER HARDSCAPES TO FACILITATE FUTURE LOCATION AND TO PROTECT FROM DAMAGE. ENSURE MAINLINE IS INSTALLED ACCORDING FDEP GUIDELINES AND TO IRRIGATION SPECIFICATIONS AND DETAILS.



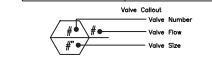
LANDSCAPE AREA CALCULATIONS:
 TOTAL SITE AREA: 30,498 +/- SQ. FT.
 TOTAL UP-AND LANDSCAPED AREA: 22,077 +/- SQ. FT.
 IRRIGATED PLANTING AREAS: 6,147 +/- SQ. FT.
 UNIRRIGATED BAHIA TURF AREA: 15,930 +/- SQ. FT.
 20% MFLA REQUIRED= 30,500 X 20% = 6,100 SQ. FT.

IRRIGATED AREAS:
 TOTAL IRRIGATED AREA: 6,147 +/- SQ. FT.
 HIGH FLOW SPRAY AREA: 0 +/- SQ. FT.
 LOW FLOW DRIP AREA: 6,147 +/- SQ. FT. (100%)

NOTE: IRRIGATION SHALL BE IN ACCORDANCE WITH MARION COUNTY CODE. THE SYSTEM IS PROPOSED AS PERMANENT.

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL	QTY	ARC	PSI	GPM	RADIUS
RB	Rain Bird 1800-1400 Flood 1402	32	360	30	0.5	3'
HC	Rain Bird XCZ-150-LCDR High Flow Control Zone Kit, for Large Commercial Drip Zones. 1-1/2" PESB-R Scrubber Globe Valve with single 1-1/2" Pressure Regulating (RSP) Quick-Check Basket Filters. Flow range: 15-62gpm.	4				
DR	Area to Receive Dripline Technine TLYC09-12 Technine Pressure Compensating Landscape Dripline with Check Valve. 0.9 GPH emitters at 12" O.C. Dripline laterals spaced at 12" apart, with emitters offset for staggered pattern. 17mm.	3,261 L.F.				
BP	Febco 925Y 1-1/4" Reduced Pressure Backflow Preventer	1				
CC	Rain Bird ESPRIMEF 8 Station Capable Commercial Controller. Mounted on a Plastic Wall Mount. Flow Sensing and Water Management Capabilities	1				
MS	Hunter MNI-CLK Rain Sensor, mount as noted	1				
WM	Water Meter 1"	1				
IL	Irrigation Lateral Line: PVC Class 200 SDR 21	760.9 L.F.				
IM	Irrigation Mainline: PVC Class 200 SDR 21	196.3 L.F.				
IS	Pipe Sleeve: PVC Class 200 SDR 21	25.7 L.F.				



VALVE SCHEDULE (ALL ZONES SHALL RUN INDIVIDUALLY)

NUMBER	MODEL	SIZE	TYPE	GPM	WIRE	PSI	PSI @ POC	PRECIP
1	Rain Bird XCZ-150-LCDR	1-1/2"	Bubbler	16.66	111.0	38.6	49.1	0.96 in/h
2	Rain Bird XCZ-150-LCDR	1-1/2"	Bubbler	15.12	107.6	38.0	48.2	0.96 in/h
3	Rain Bird XCZ-150-LCDR	1-1/2"	Bubbler	16.66	200.8	37.0	49.9	0.96 in/h
4	Rain Bird XCZ-150-LCDR	1-1/2"	Bubbler	16.26	205.0	37.6	50.3	0.96 in/h
	Common Wire						196.3	

CRITICAL ANALYSIS

Generated: 2025-01-17 15:15
 P.O.C. NUMBER: 61
 Water Source Information:
 FLOW AVAILABLE
 Water Meter Size: 1"
 Flow Available: 20.27 GPM
 PRESSURE AVAILABLE
 Static Pressure at POC: 60 PSI
 Elevation Change: 5.00 ft
 Service Line Size: 1"
 Length of Service Line: 20 ft
 Pressure Available: 52 PSI
 DESIGN ANALYSIS
 Maximum Station Flow: 16.69 GPM
 Flow Available at POC: 20.27 GPM
 Residual Flow Available: 3.38 GPM
 Critical Station: 4
 Design Pressure: 30 PSI
 Friction Loss: 1.48 PSI
 Fittings Loss: 0.15 PSI
 Elevation Loss: 0 PSI
 Loss through Valve: 6 PSI
 Pressure Req. at Critical Station: 37.6 PSI
 Loss for Fittings: 0.22 PSI
 Loss for Main Line: 2.16 PSI
 Loss for POC to Valve Elevation: 0 PSI
 Loss for Backflow: 6.88 PSI
 Loss for Water Meter: 1.45 PSI
 Critical Station Pressure at POC: 50.3 PSI
 Pressure Available: 52 PSI
 Residual Pressure Available: 1.69 PSI

Sec. 6.9.6.- Completion inspection requirements.
 A. Irrigation installation professionals shall be accountable for the proper installation and compliance with the conditions of the irrigation permit and approved plans.
 B. Upon completion of the installation, the contractor or owner shall request an inspection by the irrigation design professional. Prior to the inspection, the irrigation installation professional shall produce a clear and legible as-built diagram which accurately represents the irrigation system as installed. The diagram shall be presented and reviewed during the final inspection. The diagram may be a marked-up copy of the approved irrigation plan and shall include at a minimum:
 (1) Locations of all mainlines and mainline valves;
 (2) Locations of all remote control valves;
 (3) Water demand per zone in GPM, and
 (4) Total water demand per operating cycle.
 C. The irrigation installation professional shall also provide to the owner:
 (1) Irrigation system scheduling information:
 (2) A copy of the irrigation controller owner's manual;
 (3) Irrigation system maintenance schedule, which includes:
 (a) Instructions for seasonal adjustments of controller and sensors.
 (b) Instructions covering how and when to check for leaks.
 (c) A schedule for checking for proper irrigation distribution coverage.
 D. Within 60 days after installation the irrigation controller shall be adjusted to be set in accordance with the applicable irrigation schedule set forth in this Code.
 E. Upon completion of the irrigation system installation and the acceptance of the as-built diagram and operational information, a Final Inspection and Landscape/Irrigation Release shall be signed and sealed by the irrigation design professional and submitted to the County's Landscape Architect.

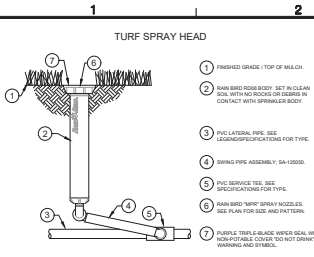


LANDSCAPE ARCHITECTURE
 COMMUNITY PLANNING
 URBAN DESIGN
 1516 E. HILLCREST STREET STE. 105
 OREGON, IL 30563 PH: 402.256.2625

57th Ct. LOT 11 & 12
 MARION COUNTY, FL
 Prepared For:
 ACRISTO INVESTMENTS



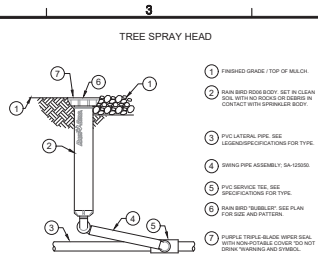
PROJECT NO.	2024-25
DRAWN BY	TFW
CHECKED BY	TCO/TFW
DATE	10/20/25
DRAWING SCALE	1"=20'
DRAWING TITLE	IRRIGATION PLAN
DRAWING NUMBER	IR-01
SHEET	1 of 2



NOTES:

1. IF SOIL-PIVOT FITTINGS ARE SPECIFIED FOR MAINLINE, CONTRACTOR MAY USE SOLVENT WELD FITTING BATHER THAN RAIN BIRD BODY.
2. MINIMUM OF ADDITIONAL WIRE AS SHOWN DETAIL. SEE PLAN FOR WIRE COUPLING FROM TO BACKLUNG.
3. USE TIGHTENING TOOL TO ADJUST TIGHTENING.
4. USE TIGHTENING TOOL TO ADJUST TIGHTENING.
5. MAXIMUM FLOW: 0.2 GPM.

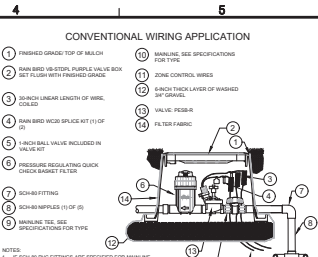
A Rain Bird RD1800 Series-RD06-S-P-45-NP-NSI
 NTS Pop-Up Sprinkler W/ SA-125550 and WPN NOZZLES



NOTES:

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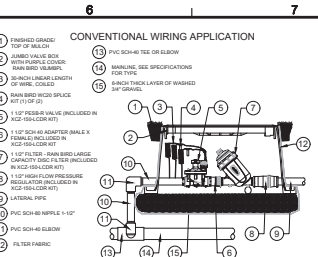
B Rain Bird RD1800 Series-RD06-S-P-45-NP-NSI
 NTS Pop-Up Sprinkler W/ SA-125550 and Rubber



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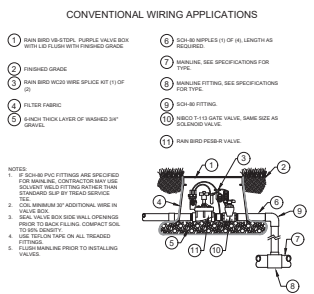
D RAIN BIRD XZC-100-PRBR-CONM
 NTS



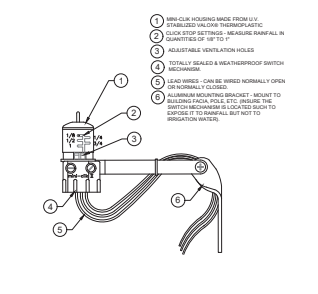
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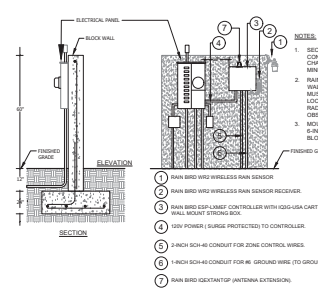
G RAIN BIRD XZC-150-LCDR
 NTS



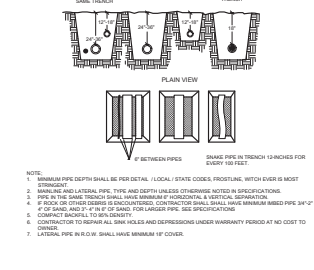
H RAIN BIRD RD1800 Series-RD06-S-P-45-NP-NSI
 NTS WITH GATE VALVE



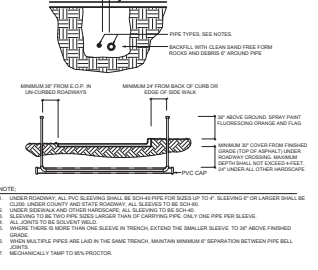
I RAIN BIRD ESP-LXMEF WALL MOUNT CONTROLLER
 NTS IN HEAVY DUTY 88-165550 STRONG BOX



L METER CONNECTION
 NTS



M PIPE TRENCH DETAIL
 NTS



N ROADWAY / HARDSCAPE SLEEVING
 NTS

GENERAL NOTES

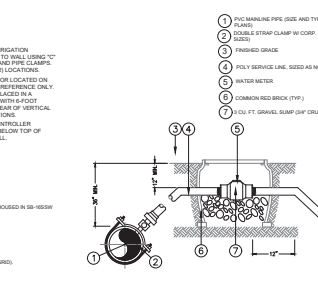
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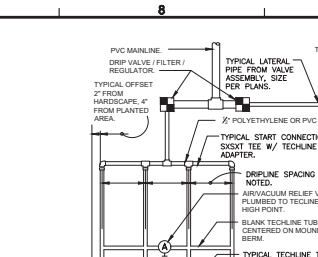
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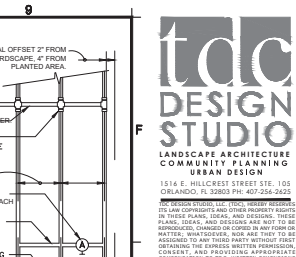
G RAIN BIRD XZC-150-LCDR
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2. MINIMUM OF ADDITIONAL WIRE AS SHOWN DETAIL. SEE PLAN FOR WIRE COUPLING FROM TO BACKLUNG.
3. USE TIGHTENING TOOL TO ADJUST TIGHTENING.
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TECHLINE MAXIMUM LENGTH OF SINGLE LATERAL (

IRRIGATION NOTES & SPECIFICATIONS

Irrigation design based on the TDC Design Studio Landscape Plan dated 7/19/2021. Contractor shall refer to these plans to coordinate sprinkler and pipe locations.

The system has been designed to conform with the requirements of all applicable codes, laws, ordinances, rules, regulations and conventions. Should any conflict exist, the requirements of the codes shall prevail. It is the responsibility of the owner/installation contractor to ensure the entire system is installed as designed. Irrigation contractor responsible for obtaining all required permits according to federal, state and local laws.

The scope of work is shown on the plans, notes and details. The Irrigation Contractor shall be certified as a CERTIFIED IRRIGATION CONTRACTOR by the Irrigation Association. The certification shall be current and in good standing.

THE WORK

The work specified in this section consists of furnishing all components necessary for the installation, testing, and delivery of a complete, fully functional automatic landscape irrigation system that complies with the irrigation plans, specifications, notes, and details. This work shall include, but not be limited to, the providing of all required material (pumps/risers, backflows, pipes, valves, fittings, controllers, wires, primer, glue, etc.), layout, protection to the public, excavation, assembly, installation, back filling, compacting, repair of road surfaces, controller and low voltage leads to valves, cleanup, maintenance, guarantee and as-built plans.

All irrigated areas shall provide 100% head-to-head coverage from a fully automatic irrigation system with a rain (and freeze as appropriate) shut off device. If the rain shut off device is a rain sensor, it shall be installed to prevent activation by adjacent heads. Zones are prioritized first by safety and then by hydraulic controls. This sequencing will be a mandatory punch list item.

These plans have been designed to satisfy/exceed the Florida Irrigation Society Standards and Specifications for Turf and Landscape Irrigation Systems, fourth edition. All products should be installed per manufacturer's recommendation. Contractor shall verify all underground utilities 72 hours prior to commencement of work.

It is the responsibility of the irrigation contractor to familiarize themselves with all grade differences, location of walls, retaining walls, structures and utilities. Do not willfully install the sprinkler system as shown on the drawings when it is obvious in the field that unknown obstruction, grade differences or differences in the area dimensions exist that might not have been considered in the engineering. Such obstructions, or differences, should be brought to the attention of the owner's authorized representative. In the event this notification is not performed, the irrigation contractor shall assume full responsibility for any revisions necessary.

Irrigation contractor shall repair or replace all items damaged by their work. Irrigation contractor shall coordinate their work with other contractors for the location and installation of pipe sleeves and laterals through walls, under roadways and paving, etc.

The contractor shall take immediate steps to repair, replace, or restore all services to any utilities which are disrupted due to their operations. All costs involved in disruption of service and repairs due to negligence on the part of the contractor shall be their responsibility.

POINT OF CONNECTION (P.O.C.)

There is ONE P.O.C. (s)

#1-P.O.C. is a new, a new 1" potable meter (by others) with a 1" service line by others. The P.O.C. must be capable of delivering a minimum of 20.3 GPM at 60 PSI downstream of the water meter.

Contractor to verify these minimum conditions can be met prior to ordering of materials and the beginning of installation. If the conditions can not be met, the contractor must notify the designer prior to proceeding with the work. If the contractor does not do so, the contractor proceeds at their own risk and becomes responsible for any future work required to make the system perform as required.

THE PIPE

Pipe locations shown on the plan are schematic and shall be adjusted in the field. When laying out mainlines place a maximum of 18" away from either the back of curb, front of walk, back of walk, or other hardscape to allow for ease in locating and protection from physical damage. Install all lateral pipe near edges of pavement or against buildings whenever possible to allow space for plant root balls. Always install piping inside project property's boundary.

All pipes are to be placed in planting beds. If it is necessary to have piping under hardscapes, such as roads, walks, and patios, the pipes must be sleeved using Class 200 PVC with the sleeve diameter being twice the size of the pipe it is carrying with a minimum sleeve size of 2".

Pipe sizes shall conform to those shown on the drawings. No substitutions of smaller pipe sizes shall be permitted, but substitutions of larger sizes may be approved. All damaged and rejected pipe shall be removed from the site at the time of said rejection.

Mainline shall be Pantone Purple Sch 40 solvent-weld (sized per plan) PVC with Sch 40 PVC solvent-weld fittings.

Contractor to ensure all mainline piping is properly restrained using mechanical joint fittings, restraining collars, threaded rods, thrust blocks, etc., as and where required. Contractor shall refer to pipe manufacturers recommended installation practices for further direction.

PVC pipe joint compound and primer: The PVC cement shall be Weld-On 711 (grey, slow-drying, heavy duty) and the primer shall be Weld-On P70 (purple tinted, compatible with cement), or approved equals.

ELECTRICAL POWER SUPPLY

Electrical supply for irrigation pumps, controllers, sensors, relaysto be provided by irrigation contractor. Contractor to coordinate with local utilities for the installation of, and connection to, site available power supplies for required electrical components as set forth in the irrigation plans.

All electrical work is to comply with the National Electrical Code and any, and all, other applicable electrical codes, laws and regulations. A licensed electrician shall perform all electrical hook-ups. Power for each controller/CCU shall be a dedicated 120 volt, 20 amp circuit unless otherwise specified in the plans. Power for each pump to be according to pump specifications indicated in these plans.

WIRING

Irrigation control wire shall be thermoplastic solid copper, single conductor, low voltage irrigation controller wire, suitable for direct burial and continuous operation at rated voltages.

Tap and bundle control wires every 10' and run alongside the mainline. At all turns in direction make a 2" coil of wire. At all valve boxes coil wire around a 3/4" piece of PVC pipe to make a coil using 30 linear inches of wire. Make electrical connections with 3MDBY9 connectors.

Number all wires, using an electrical book of numbers, according to the plans. Number wires in all valve boxes, junction boxes and at the controller.

Wire sized, numbered and colored as follows:

- #14 white for common
#14 spare black common
#14 individual color coded hot wire
#14 spare yellow hot wire

Spare wires

Leaving each controller, run six spare wires in both directions (twelve spare wires total). Install as 2 common spares (4 total) and 4 hot wires (8 total). Loop these wires into each RCV along their path and terminate in the last valve box controlled by the wires respective controller. The loop into each valve box shall extend up into the valve box a minimum of 8" and be readily accessible by opening the valve box lid. These wires must be all numbered and color coded as required in these plans.

Controller and Pump station Control Panel grounding - Contractor to utilize 4"X8"X5/8" copper grounding plates, 5/8"X10" copper clad grounding rods, "One Strike" CAD wells at all connection points, #6 bare copper wire, and earth contact material. Install these and other required components as outlined in the detail. Contractor to verify that the earth to ground resistance does not exceed 10 ohms. Contractor shall provide a written certification, on a licensed electrical contractors letter head, showing the date of the test, controller/pump location, and test results. Each controller/pump shall be so grounded and tested. Each component must have its own separate grounding grid, unless they are sitting side by side, in which case up to two controllers can share a common grounding grid.

LAYOUT

Lay out irrigation system mainlines and lateral lines. Make the necessary adjustments as required to take into account all site obstructions and limitations prior to excavating trenches.

Stake all sprinkler head locations. Adjust location and make the necessary modifications to nozzle types, etc. required to ensure 100% head to head coverage. Refer to the Edge of Pavement Detail on the Irrigation Detail Sheet.

Spray heads shall be installed 4" from sidewalks or curbed roadways and 12" from uncurbed roadways and building foundations. Rotors shall be installed 4" from sidewalks or curbed roadways, 12" from building foundations, and 36" from uncurbed roadways.

Shrub heads shall be installed on 3/4" Sch 40 PVC risers. The risers shall be set at a minimum of 18" off sidewalks, roadway curbing, building foundations, and/or any other hardscape areas. Shrub heads shall be installed to a standard height of 4" below maintained height of plants and shall be installed a minimum of 6" within planted masses to be less visible and offer protection. Paint all shrub risers with flat black or forest green paint, unless irrigation system will utilize reuse water; in this case the risers shall be purple PVC and shall not be painted.

Locate valves prior to excavation. Ensure that their location provides for easy access and that there is no interference with physical structures, plants, trees, poles, etc. Valve boxes must be placed a minimum of 12" and a maximum of 16" from the edge of pavement, curbs, etc. and the top of the box must be 2" above finish grade. No valve boxes shall be installed in turf areas without approval by the irrigation designer - only in shrub beds. Never install in sport field areas.

VALVES

Sequence all valves so that the farthest valve from the P.O.C. operates first and the closest to the P.O.C. operates last. The closest valve to the P.O.C. should be the last valve in the programmed sequence.

Adjust the flow control on each RCV to ensure shut off in 10 seconds after deactivation by the irrigation controller.

Using an electric branding iron, brand the valve I.D. letter/number on the lid of each valve box. This brand must be 2"-3" tall and easily legible.

EQUIPMENT

All pop-up heads and shrub risers shall be pressure compensating. All pop-up heads shall be mounted on flex-type swing joints. All rotors shall be installed with PVC triple swing joints unless otherwise detailed.

All sprinkler equipment, not otherwise detailed or specified on these plans, shall be installed as per manufacturer's recommendations and specifications, and according to local and state laws.

TRENCHING

Excavate straight and vertical trenches with smooth, flat or sloping bottoms. Trench width and depth should be sufficient to allow for the proper vertical and horizontal separation between piping as shown in the pipe installation detail on the detail sheet.

Protect existing landscaped areas. Remove and replant any damaged plant material upon job completion. The replacement material shall be of the same genus and species, and of the same size as the material it is replacing. The final determination as to what needs to be replaced and the acceptability of the replacement material shall be solely up to the owner or owner's representative.

INSTALLATION

Solvent Weld Pipe: Cut all pipe square and deburr. Clean pipe and fittings of foreign material; then apply a small amount of primer while ensuring that any excess is wiped off immediately. Primer should not puddle or drip from pipe or fittings. Next apply a thin coat of PVC cement, first apply a thin layer to the pipe, next a thin layer inside the fitting, and finally another very thin layer on the pipe. Insert the pipe into the fitting. Insure that the pipe is inserted to the bottom of the fitting, then turn the pipe a 1/4 turn and hold for 10 seconds. Make sure that the pipe doesn't recede from the fitting. If the pipe isn't at the bottom of the fitting upon completion, the glue joint is unacceptable and must be discarded.

Pipes must cure a minimum of 30 minutes prior to handling and placing into trenches. A longer curing time may be required; refer to the manufacturer's specifications. The pipe must cure a minimum of 24 hours prior to filling with water.

Gasketed Pipe: With pipe in the trench, cut pipe square, deburr, and place beveled edge on male portion of pipe, if not using a piece with a factory bevel. Clean pipe and fittings of foreign material; then apply a small amount of pipe grease to the rubber gasket on the female end. Fully insert the male end of the pipe into the bell end of adjacent pipe until the bevel is fully seated into the bell. Restrain pipe as required.

BACK FILL

The Back fill 6" below, 6" above, and around all piping shall be of clean sand and anything beyond that in the trench can be of native material but nothing larger than 2" in diameter.

Main line pipe depth measured to the top of pipe shall be:
24" minimum for 3/4"-2 1/2" PVC with a 30" minimum at vehicular crossings;
30" minimum for 3" & 4" PVC with a 36" minimum at vehicular crossings;
36" minimum for 6" PVC with a 36" minimum at vehicular crossings.

Lateral line depths measured to top of pipe shall be:
18" minimum for 3/4"-3" PVC with a 30" minimum at vehicular crossings;
24" minimum for 4" PVC and above with a 30" minimum at vehicular crossings.

Contractor shall backfill all piping, both mainline and laterals, prior to performing any pressure tests. The pipe shall be backfilled with the exception of 2" on each side of every joint (bell fittings, 90's, tees, 45's, etc.). These joints shall not be backfilled until all piping has satisfactorily passed its appropriate pressure test as outlined below.

FLUSHING

Prior to the placement of valves, flush all mainlines for a minimum of 10 minutes or until lines are completely clean of debris, whichever is longer.

Prior to the placement of heads, flush all lateral lines for a minimum of 10 minutes or until lines are completely clean of debris, whichever is longer.

Use screens in heads and adjust heads for proper coverage avoiding excess water on walls, walks and paving.

TESTING

Soil: At a minimum of 2 locations on the site, soil tests for Infiltration and texture shall be performed according to the USDA Soil Quality Test Kit Guide. The tests shall be documented in a USDA Soil Worksheet. (All of the above is available at http://soils.usda.gov/survey/assessment/test_kit.html) The completed worksheet shall be submitted to the owners representative for review/approval. Do not proceed without written direction from the owner/owner's representative.

Mainline: Remove all remote control valves and cap using a threaded cap on SCH 80 nipple. Fill mainline with water and pressurize the system to 125 PSI. Monitor the system pressure at two gauge locations; the gauge locations must be at opposite ends of the mainline. With the same respective pressures, monitor the gauges for two hours. There can be no loss in pressure at either gauge for solvent-welded pipe. For HDPE pipe, see HDPE notes. For gasketed pipe, testing requires measurement of the water pumped into the mainline system, using a hydrostatic pump, to maintain 125 PSI - this water volume shall be no more than the result of the following formula:
L=(ND)(P)/7400

where L=Allowable leakage in gallons per hour
N=Number of joints in pipe tested
D=Nominal diameter of pipe (in inches)
P=Average Test Pressure (in PSI)

If these parameters are exceeded, locate the problem; repair it; wait 24 hours and retry the test. This procedure must be followed until the mainline passes the test.

Lateral Lines: The lateral lines must be fully filled to operational pressure and visually checked for leaks. Any leaks detected must be repaired.

Operational Testing - Once the mainline and lateral lines have passed their respective tests, and the system is completely operational, a coverage test and demonstration of the system is required. The irrigation contractor must demonstrate to the owner, or his/her representative, that proper coverage is obtained and the system works automatically from the controller. This demonstration requires each zone to be turned on, in the proper sequence as shown on the plans, from the controller. Each zone will be inspected for proper coverage and function. The determination of proper coverage and function is at the sole discretion of the owner or owner's representative.

Upon completion of the operational test, run each zone until water begins to puddle or run off. This will allow you to determine the number of irrigation start times necessary to meet the weekly evapotranspiration requirements of the planting material in each zone. In fine sandy soils, it is possible no puddling will occur. If this is experienced, then theoretical calculations for run times will be required for controller programming.

SUBMITTALS

Pre-Construction: The contractor must submit for written approval, prior to installation, five (5) copies of the manufacturer's cut sheets/specifications for all components to be used in the irrigation system.

After project completion:

As a condition of final acceptance, the irrigation contractor shall provide the owner with:
1. Irrigations AS-BUILTS - shall be provided utilizing a sub-foot Global Positioning System (GPS) to accurately locate all mainlines, sleeves, remote control valves, gate valves, independent wire runs, wire splice boxes, controllers, high voltage supply sources/conduit path, control mechanisms, sensors, wells and water source connections in Florida East State Plane, NAD 83, and CORS 98 format. The data collected shall be in POINT format and include an ID for each data point with Manufacturer, Type, Size, and Depth. All mainline and

independent runs of wire shall be located every 30' for straight runs and at every change of direction. Sleeves will be located at end points and every 20' of length. All underground items shall include depth in inch format. These POINTS once collected shall be imported into an AutoCAD DWG geo-referenced base file to be labeled accordingly. The completed AS-BUILT shall be a Geo-Referenced DWF file and delivered to the owner on a compact disk (CD).

2. Controller charts - Upon completion of "as-built" prepare controller charts; one per controller. Indicate on each chart the area controlled by a remote control valve (using a different color for each zone). This chart shall be reduced to a size that will fit inside of the controller door. The reduction shall be hermatically sealed inside two 2mil pieces of clear plastic.

3. Grounding Certification - Provide ground certification reports for each controller and pump panel grounding grid installed. This must be on a licensed electrician letter head indicating location tested (using IR plan symbols), date, time, test method, and testing results.

INSPECTIONS AND COORDINATION MEETINGS REQUIRED - Contractor is required to schedule, perform, and attend the following, and demonstrate to the owner and/or owners representative to their satisfaction, as follows:

- 1. Pre-construction meeting - Designer and contractor to review entire install process and schedule with owner/general contractor.
2. Mainline installation inspection(s) - all mainline must be inspected for proper pipe, fittings, depth of coverage, backfill, and installation method
3. Mainline pressure test - All mainline shall be pressure tested according to this designs requirements
4. Flow Meter calibration - All flow meters must be calibrated, provide certified calibration report for all flow meters.
5. USDA Soil Quality Tests for infiltration/texture
6. Coverage and operational test
7. Final inspection
8. Punch list inspection

FINAL ACCEPTANCE

Final acceptance of the irrigation system will be given after the following documents and conditions have been completed and approved. Final payment will not be released until these conditions are satisfied.

- 1. All above inspections are completed, documented, and approved by owner.
2. Completion and acceptance of as-built drawings.
3. Acceptance of required controller charts and placement inside of controllers.
4. All other submittals have been made to the satisfaction of the owner.

GUARANTEE: The irrigation system shall be guaranteed for a minimum of one calendar year from the time of final acceptance.

MINIMUM RECOMMENDED IRRIGATION MAINTENANCE PROCEDURES

1. Every irrigation zone should be checked monthly and written reports generated describing the date(s) each zone was inspected, problems identified, date problems repaired, and a list of materials used in the repair. At minimum, these inspections should include the following tasks:

- A. Turn on each zone from the controller to verify automatic operation.
B. Check schedule to ensure they are appropriate for the season, plant and soil type, and irrigation method. Consult an I.A. certified auditor for methods used in determining proper irrigation scheduling requirements.
C. Check remote control valves to ensure proper operation.
D. Check setting on pressure regulator to verify proper setting, if present.
E. Check flow control and adjust as needed; ensure valve closure within 10-15 seconds after deactivation by controller.
F. Check for leaks - mainline, lateral lines, valves, heads, etc.
G. Check all heads as follows:

- 1. Proper set height (top of sprinkler is 1" below mow height)
2. Verify head pop-up height - 6" in turf, 12" in ground cover, and pop-up on riser in shrub beds.
3. Check wiper seal for leaks - if leaking, clean head and re-inspect. If still leaking, replace head with the appropriate head with pressure regulator and built-in check valve.
4. All nozzles checked for proper pattern, clogging, leaks, correct make & model, etc. - replace as needed
5. Check for proper alignment - perfectly vertical; coverage area is correct; minimize over spray onto hardscapes.
6. Riser height raised/lowered to accommodate plant growth patterns and ensure proper coverage.
7. verify the pop-up riser retracts after operation. If not, repair/replace as needed.

2. Check controller/C.C.U. grounds for resistance (10 ohms or less) once per year. Submit written reports.

3. Check rain shut-off device monthly to ensure it functions properly.

4. Inspect all filters monthly and clean/repair/replace as needed.

5. Inspect backflow devices by utilizing a properly licensed backflow inspector. This should be done annually, at minimum.

6. Inspect all valve boxes to ensure they are in good condition, lids are in place and locked.

7. Check pump stations for proper operation, pressures, filtration, settings, etc. - refer to pump station operations manual.

8. Check and clean intake screens on all suction lines quarterly, at minimum. Clean and/or repair, as needed.

9. Winterize, if applicable, as weather in your area dictates. Follow manufacturer recommendations and blow out all lines and equipment using compressed air. Perform seasonal startup of system as per manufacturer recommendations.

10. Conduct additional inspections, maintenance tasks, etc. that are particular for your site.



57th Ct. LOT 11, & 12 MARION COUNTY, FL Prepared For: ACRISTO INVESTMENTS

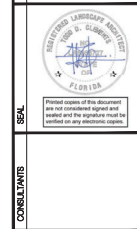


Table with 2 columns: Role (DESIGNER, CHECKED BY, DATE, DRAWING SCALE) and Name/Value (TTV, TDC/TTV, 10/2025, AS SHOWN)

Table with 2 columns: Field (PROJECT NO., DESIGNED BY, DRAWN BY, CHECKED BY, DATE, DRAWING SCALE) and Value (2024-25, TTV, TDC/TTV, 10/2025, AS SHOWN)

DRAWING TITLE: IRRIGATION SPECIFICATIONS

DRAWING NUMBER: IR-03 SHEET 3 of 3

GENERAL NOTES

- SEE CIVIL ENGINEERING DRAWINGS FOR GENERAL GRADING OF THE SITE, INCLUDING FINISH GRADES FOR PARKING LOTS, ROADWAYS, SIDEWALKS, AND PLANTING AREAS.
- THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE PROJECT SITE PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND LOCATION OF PROPOSED IMPROVEMENTS PRIOR TO INITIATING AND NURSERY AND SOIL, PRIOR TO COMMENCING CONSTRUCTION.
- LOCATION OF ALL UTILITIES AND BASE INFORMATION IS APPROXIMATE. CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES AND OBSTRUCTIONS PRIOR TO INITIATING WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY DAMAGE TO EXISTING ELEMENTS ABOVE OR BELOW GROUND TO ITS ORIGINAL CONDITION AND TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
- THE OWNER'S REPRESENTATIVE SHALL HAVE THE RIGHT AT ANY STAGE OF THE OPERATIONS, TO RECTIFY ANY AND ALL WORK AND MATERIAL, WHICH IN HIS OPINION, DOES NOT MEET WITH THE REQUIREMENTS OF THESE PLANS AND SPECIFICATIONS.
- ALL GRADES, DIMENSIONS, AND EXISTING CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR ON-SITE BEFORE CONSTRUCTION BEGINS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB SITE PRIOR TO START OF CONSTRUCTION AND/OR FABRICATION. CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN ON THESE DRAWINGS.
- REPORT ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DRAWINGS AND FIELD CONDITIONS TO THE OWNER'S REPRESENTATIVE.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SAFETY MEASURES DURING CONSTRUCTION OPERATIONS TO PROTECT THE PUBLIC ACCORDING TO ALL APPLICABLE CODES AND RECOGNIZED LOCAL PRACTICES.
- THE CONTRACTOR SHALL MAINTAIN ALL EXISTING EROSION AND SEDIMENTATION CONTROL MEASURES DURING CONSTRUCTION. PROVIDE ADDITIONAL MEASURES AS NECESSARY TO MINIMIZE ADVERSE IMPACTS IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.
- NO SUBSTITUTIONS SHALL BE MADE WITHOUT WRITTEN CONSENT OF THE OWNER'S REPRESENTATIVE. DURING THE COURSE OF THIS WORK, EXCESS WASTE MATERIAL SHALL BE REMOVED DAILY BY THE SITES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING AND COORDINATION OF WORK WITH OTHER TRADES AND THE OWNER'S REPRESENTATIVE.
- FLORIDA LAW (F.S. 596) UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT (MANDATES THAT LOCATING CONTRACTOR SHALL CONTACT FLORIDA 811 (800) STATE ONE CALL (FLORIDA) BY CALLING 800-424-7700 OR 811 AT LEAST 7 FULL BUSINESS DAYS PRIOR TO THE BEGINNING AN EXCAVATION OR INSTALLATION TO ALLOW MEMBERS OPERATORS TO IDENTIFY AND MARK THEIR UNDERGROUND FACILITIES AND APPROPRIATELY RESPOND TO THE POSITIVE RESPONSE SYSTEM.
- ALL EXISTING SITE HARDWARE, CURBS, UTILITIES, AND OTHER ELEMENTS TO REMAIN SHALL BE FULLY PROTECTED FROM ANY DAMAGE UNLESS OTHERWISE NOTED.
- CONTRACTOR IS RESPONSIBLE TO INCLUDE ALL NECESSARY ITEMS TO FULLY COMPLETE AN ASSEMBLY, SYSTEM, OR ITEM OF WORK AS SHOWN IN THE DRAWINGS, ANY ITEMS NOT DETECTED OR SHOWN IN THESE DRAWINGS BUT REQUIRED TO COMPLETE THE WORK SHALL BE PROVIDED BY THE CONTRACTOR.
- CONTRACTOR IS RESPONSIBLE FOR PLACING ALL ITEMS OF WORK IN THE CORRECT LOCATIONS PER THE DRAWINGS. THIS MAY INCLUDE SURVEYING THE PROJECT SITE, DIGITAL DRAWING INFORMATION AND/OR NORTHING AND EASTING COORDINATES FOR USE BY THE CONTRACTOR CAN BE PROVIDED BY THE LANDSCAPE ARCHITECT UPON REQUEST.
- THE LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR INACCURACIES IN THE BASE INFORMATION AND PROJECT COORDINATES PROVIDED BY THE CIVIL ENGINEER OR PROPERTY SURVEYOR THAT IS INCORPORATED BY REFERENCE IN THESE DRAWINGS.

LANDSCAPE NOTES

- THE CONTRACTOR SHALL REVIEW ARCHITECTURE/ENGINEERING NOTES TO BECOME THOROUGHLY FAMILIAR WITH SURFACE AND SUBSURFACE UTILITIES.
- THE PLANT QUANTITIES SHOWN ON LANDSCAPE CONTRACT DOCUMENTS ARE FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES AND REPORTING ANY DISCREPANCIES IN WRITING TO THE LANDSCAPE ARCHITECT FOR CLARIFICATION WITHIN TWO WEEKS OF CONTRACT AWARD AND PRIOR TO THE COMMENCEMENT OF WORK. ALL REQUESTS FOR SUBSTITUTION DUE TO LACK OF AVAILABILITY MUST BE MADE TO THE OWNER'S REPRESENTATIVE IN WRITING. HIS PERIOD NO SUBSTITUTION SHALL BE PERMITTED WITHOUT PRIOR WRITTEN APPROVAL FROM THE OWNER'S REPRESENTATIVE. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING THE CORRECT QUANTITIES FOR THE MATERIALS AS SPECIFIED PRIOR TO REQUESTING SUBSTITUTION. IN-GROWTH IS TO BE CONSIDERED BY THE OWNER'S REPRESENTATIVE AS Viable ALTERNATES PLANTS MUST HAVE THE SAME GENERAL APPEARANCE, COMMON INSTALLED SIZE, MATURE SIZE, COLOR, QUALITY AND GROWTH RATE. MATERIALS MUST BE OFFERED NO ADDITIONAL COSTS TO THE OWNER.
- ALL METALLIZATION OF PLANT MATERIAL SHALL COMPLY WITH APPLICABLE JURISDICTIONAL CODES. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS ASSOCIATED WITH THIS WORK. CONTRACTOR SHALL INSURE A MAINTAINED CLEARANCE OF ALL POWER LINES IN ACCORDANCE WITH THE FLORIDA POWER CODE (FL 35). CONTRACTOR SHALL ENSURE SIGHT TRIANGLE VISIBILITY IN ALL APPLICABLE ROADWAYS PER DOT STANDARDS.
- PRIOR TO PLANTING INSTALLATION, THE CONTRACTOR SHALL CONFIRM THE AVAILABILITY OF ALL SPECIFIED PLANT MATERIALS. SUBMIT LATEST PHOTOGRAPHS OF TREE MATERIAL AND SPECIES PLANT MATERIAL TO THE OWNER'S REPRESENTATIVE FOR REVIEW.
- ALL PLANT MATERIAL SIZES SPECIFIED ARE MINIMUM SIZES. CONTAINER SIZE SHALL BE INCREASED IF NECESSARY TO PROVIDE OVERALL PLANT SIZE SPECIFIED.
- IF PLANT MATERIAL DOES NOT COMPLY WITH THE REQUIREMENTS AS SPECIFIED HEREIN, THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REJECT SUCH MATERIAL AND REQUIRE THE CONTRACTOR TO REPLACE REJECTED WORK AT NO ADDED COST TO THE OWNER AND CONTINUE SPECIFIED MAINTENANCE UNTIL REINSPECTED AND FOUND TO BE ACCEPTABLE.
- THE CONTRACTOR SHALL PROVIDE AN APPROVED PLANTING SOIL MIXTURE FOR ALL PLANT MATERIAL. SEE SPECIFICATIONS FOR REQUIREMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR STABILITY AND PLUMB CONDITION OF ALL TREES AND SHRUBS, AND SHALL BE LEGALLY LIABLE FOR ANY DAMAGE CAUSED BY INSTABILITY OF ANY PLANT MATERIALS. STAKING OF TREES OR SHRUBS SHALL BE DONE IN ACCORDANCE WITH PLANS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL INSURE ADEQUATE VERTICAL DRAINAGE IN ALL PLANT BEDS AND PLANTERS. IF INADEQUATE VERTICAL DRAINAGE IS IDENTIFIED, THE CONTRACTOR SHALL PROVIDE RECOMMENDATIONS FOR PROVIDING ADEQUATE DRAINAGE TO THE OWNER'S REPRESENTATIVE. IN WET OR POORLY DRAINING SITES, THE CONTRACTOR SHALL MAINTAIN ALL EXISTING DRAINAGE TO REMAIN AND PROVIDE ADDITIONAL DRAINAGE PLANTINGS. THIS MAY INCLUDE LOOSENING OF EXISTING SOLDS AND PROVIDING SOLDS ADJUSTS TO ENSURE ADEQUATE DRAINAGE.
- PESS DOG ON SLOPES GREATER THAN 13 (33% SLOPE).
- THE CONTRACTOR SHALL ENGAGE A QUALIFIED ARBORIST WHO HAS SUCCESSFULLY COMPLETED TREE PROTECTION AND TREE TRIMMING WITH FIVE YEARS OR MORE EXPERIENCE, TO PERFORM THE FOLLOWING WORK:
 - REMOVE BRANCHES FROM TREES THAT ARE TO REMAIN, IF REQUIRED, AS DIRECTED BY OWNER'S REPRESENTATIVE.
 - PERFORM INITIAL PRUNING OF BRANCHES TO ACCOMMODATE NEW CONSTRUCTION.
 - PERFORM TREE REPAIR WORK FOR DAMAGE INCURRED BY NEW CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE TEMPORARY IRRIGATION SYSTEM FOR RELOCATED TREES.
- CONTRACTOR SHALL PROTECT EXISTING VEGETATION TO REMAIN AS SHOWN ON DRAWINGS OR BY MEANS APPROVED BY THE OWNER'S REPRESENTATIVE. ALL EXISTING PLANT BEDS TO REMAIN WITHIN THE CONSTRUCTION LIMIT LINE SHALL BE LEFT UNDISTURBED AND PROTECTED BY WOODEN BARRICADES ERECTED AT THE PERIMETER OF THE TREE DRIP-LINE. NO VEHICLE SHALL TRAVEL THROUGH THIS AREA NOR SHALL ANY STORAGE OF MATERIALS OR EQUIPMENT BE PERMITTED WITHIN THE AREA OF THE TREE DRIP-LINE(S). ANY EXISTING PLANT BEDS OR TREES DAMAGED BY CONSTRUCTION ACTIVITY SHALL BE REPLACED BY THE RESPONSIBLE PARTY AT THEIR OWN EXPENSE.
- CONTRACTOR TO CLEAR, PLUMB, AND SHAPE EDGES OF EXISTING VEGETATION AS DIRECTED BY THE OWNER'S REPRESENTATIVE. CREATE SMOOTH BED LINES ALONG EXISTING VEGETATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING EXISTING VEGETATION AS REQUIRED AND PREPARING PLANTING AREAS FOR INSTALLATION OF PLANT MATERIALS.
- THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ERADICATING WEEDS AND UNWANTED PERENNIAL VEGETATION WITHIN THE LIMITS OF ALL PLANTING AREAS PRIOR TO BEGINNING LANDSCAPE INSTALLATION. PERENNIAL WEEDS ARE THOSE WEEDS THAT ARE NOT LISTED UNDER WEEDS TO REMOVE. PERENNIAL WEEDS INCLUDE: MORNING GLORY, DOG FENNEL, TORPEDO GRASS, BERMUDA GRASS, BAHIA GRASS, KYRNUY GRASS, CRACK GRASS, CARPET GRASS, AND/OR ANY OTHER WEEDS THAT ARE LISTED UNDER WEEDS TO REMOVE THROUGHOUT PLANTING OPERATIONS.
- THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR PRE-LIME/TOLU TO SCARIFY SOIL IN ALL PLANTING AREAS TO A MINIMUM DEPTH OF 4 INCHES. BERMUDA GRASS SEED SHALL BE APPLIED TO THE SOIL TO BE GROWN PERIOD TO A MINIMUM OF 100% IN THE PROCESS OF TILLING ARE UNACCEPTABLE MATERIALS INCLUDING, BUT NOT LIMITED TO, FOREIGN DEBRIS, CONSTRUCTION WASTE, ROCKS, CONCRETE, ASPHALT AND ROCKS GREATER THAN 1/2" DIAMETER ON AVERAGE. IN AREAS TO RECEIVE SOO TILL IN FERTILIZER TO A DEPTH OF 1/4" AT A RATE OF 12 POUNDS PER CUBIC FT.
- ALL PLANTING BEDS SHALL BE STAKED IN ACCORDANCE WITH THE PLANS AND APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE PRIOR TO PLANTING. THE LANDSCAPE CONTRACTOR SHALL PROVIDE STAKES OR IRRIGATION FLAGS TO LOCATE THE EDGES OF ALL SHRUB AND GROUNDCOVER PLANT BEDS AND INDIVIDUAL TREES AND SHRUBS. ALL SHRUBS AND GROUNDCOVERS SHALL BE PLANTED WITHIN THE CONTAINERS WITH THE APPROPRIATE SPACING TO OWNER'S REPRESENTATIVE REVIEW AND APPROVAL. THE OWNER RESERVES THE RIGHT TO MAINTAIN ALL EXISTING VEGETATION TO REMAIN AS SHOWN ON DRAWINGS OR BY MEANS APPROVED BY THE LANDSCAPE CONTRACTOR TO OBTAIN WRITTEN APPROVAL FROM THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION MAY RESULT IN THE REMOVAL AND REINSTALLATION OF MATERIALS BY THE CONTRACTOR AT NO ADDED COST TO THE OWNER. IF EXISTING CONDITIONS DO NOT ALLOW FOR THE DESIGN TO BE LAID OUT AS SHOWN, NOTIFY THE LANDSCAPE ARCHITECT IMMEDIATELY.
- UNLESS EXPLICITLY SHOWN, PLANTING OPERATIONS NO TREES SHALL BE PLANTED WITHIN DESIGNATED UTILITY CORRIDORS, PUBLIC RIGHTS OF WAY NOR LOCATED WITHIN FOUR FEET (4') OF ANY SVALE CENTERLINE. BUILDING OR STRUCTURAL FOUNDATIONS, UTILITY FOUNDATIONS OR EXISTING IN THE FIELD NO CATCHER BODIES SHALL BE PLANTED WITHIN 5 FEET OF UNDERGROUND UTILITIES, 20 FEET OF EXISTING OVERHEAD POWER LINES, WITHIN 5 FEET OF ANY PAVED DRIVEWAY, OR UNDER CANOPY TREES THAT LIMIT ACCESS TO LIGHT AND ROOM TO GROW. FIELD ADJUST AS NECESSARY AND REVIEW ADJUSTMENTS WITH THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. TREES SHALL BE PLANTED AT A MINIMUM OF 12" SPACING. CLEARANCE OVER TREES OR OTHER DEPARTMENT ACCESS ROADS.
- ALL PLANTING BEDS SHALL BE INSTALLED EITHER ENTIRELY IN OR ENTIRELY OUT OF PLANTING BEDS. LOCATED BED OUTLINES SHALL NOT BE OBSTRUCTED AND SHALL BE SMOOTH AND FLOWING. IF TREES ARE PLANTED OUTSIDE PLANTING BEDS IN GRASS AREAS, MAINTAIN A MINIMUM THREE FEET (3') WIDTH OFFSET TO ALLOW MOWERS TO MANEUVER.

- THE LANDSCAPE CONTRACTOR SHALL VERIFY THE EXTENT OF SOO TURF WORK IN THE FIELD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SOO TURF IN THE AREAS SHOWN ON THE PLAN IN SUFFICIENT QUANTITY TO PROVIDE FULL COVERAGE. ADDITIONAL GRASS REQUIRED WILL BE ADJUSTED BASED ON A SQUARE FOOTAGE UNIT PRICE. AREAS TO BE SOODED SHALL BE MEASURED PER SOLDS REPORT TO PROVIDE REQUIRED NUTRIENTS AND SOIL PH OF BETWEEN 6.0 AND 7.0.
- SOO SHALL BE 100% NURSERY GROWN, NON PASTURE BASED, MACHINE CUT SOO RECTANGLES OF THE TYPE INDICATED ON THE DRAWING. SOO SHALL BE MOUNDED AT ITS EDGES WITH ROOTS, FREE OF EXCESSIVE WEEDS, AND SHALL BE GREEN, FRESH AND UNINJURED AT THE TIME OF PLANTING.
- ALL PLANTING SHALL FIELD ADJUST LOCATION OF PLANT MATERIAL FOR THE REVIEW AND APPROVAL OF THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCING CONSTRUCTION.
- ALL PLANT MATERIAL SHALL BE IN FULL AND STRICT ACCORDANCE WITH FLORIDA NO. 6 GRADE, ACCORDING TO THE "GRADES AND STANDARDS FOR NURSERY PLANTS" PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. ALL PLANTING SHALL BE IN FULL AND STRICT ACCORDANCE WITH FLORIDA NO. 6 GRADE, ACCORDING TO THE "GRADES AND STANDARDS FOR NURSERY PLANTS" PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. ALL PLANTING SHALL BE TOP-DRESSED WITH A 3" LAYER OF MULCH AS SPECIFIED. ALL TREES SHALL HAVE A 3" DEEP, 24" RADIUS FROM THE TRUNK. MULCH RING SHOULD AROUND THE BASE OF THE TRUNK. ON WELL DRAINED SOIL, THE MULCH RING SHALL BE MOUNDED AT ITS EDGES WITH ROOTS. FREE OF EXCESSIVE WEEDS. AERERS, AND SHALL BE GREEN, FRESH AND UNINJURED AT THE TIME OF PLANTING.
- SHRUBS AND GROUND COVER BED QUANTITIES ARE INDICATED ON THE PLANT LIST. PLANT ACCENT SHRUBS AND TREES AS SHOWN ON THE LANDSCAPE PLANTING PLANS WHEN INDIVIDUAL PLANTS ARE DELINEATED.
- PALM HEIGHTS, AS INDICATED ON THE PLANS, REFER TO CLEAR TRUNK (C.T.), GRAY WOOD (G.W.), OR OVERALL HEIGHT (O.A.) AS SPECIFIED ON THE PLANT LIST.
- CONTRACTOR SHALL COORDINATE ALL PLANTING WORK WITH IRRIGATION WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL HAND WATERING AS NECESSARY TO SUPPLEMENT IRRIGATION WATERING AND RAINFALL.
- CONTRACTOR SHALL BE RESPONSIBLE FOR HAND WATERING IN ALL PLANTING AREAS, REGARDLESS OF THE STATUS OF EXISTING OR PROPOSED IRRIGATION.
- CONTRACTOR SHALL REGRADE ALL AREAS DISTURBED BY PLANT REMOVAL, RELOCATION, AND/OR INSTALLATION WORK.
- CONTRACTOR SHALL REGRADE (BY EQUAL SIZE AND QUALITY) ANY AND ALL EXISTING PLANT MATERIAL DISTURBED OR DAMAGED BY PLANT REMOVAL, RELOCATION, AND/OR INSTALLATION WORK.
- MAINTENANCE SHALL BEGIN AFTER EACH PLANT HAS BEEN INSTALLED AND SHALL CONTINUE UNTIL THE DATE OF SUBSTITUTIONAL COMPLETION. MAINTENANCE INCLUDES WATERING, PRUNING, WEEDING, MULCHING, AND FERTILIZING AS REQUIRED FOR PROPER GROWTH AND CARE.
- ON COMPLETION OF ALL DEAD PLANTING, AN INSPECTION FOR SUBSTITUTIONAL COMPLETION OF THE WORK SHALL BE DONE. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE FOR SCHEDULING THE INSPECTION AT LEAST SEVEN (7) DAYS PRIOR TO THE ANTICIPATED SURVEILLANCE DATE.
- CONTRACTOR SHALL SUBMIT WRITTEN GUARANTEE OF INSURFECTIVITY OF ALL PLANT MATERIAL FOR A PERIOD OF 90-DAY FROM DATE OF SUBSTITUTIONAL COMPLETION.
- CONTRACTOR MUST APPROVE ALL GRADED AREAS PRIOR TO THE COMMENCEMENT OF PLANTING.
- THE CONTRACTOR SHALL BEAR ALL COSTS OF TESTING OF SOLDS, AMENDMENTS, ETC. ASSOCIATED WITH THE WORK. SEE SPECIFICATIONS FOR ADDITIONAL TESTING REQUIREMENTS.
- THE LANDSCAPE CONTRACTOR SHALL PROVIDE THE OWNER'S REPRESENTATIVE WITH RECORD COPIES OF ALL RECEIPTS, INVOICES, AND/OR SHIPPING MANIFESTS FOR ALL MATERIALS, INCLUDING PLANTS AND SOO, DELIVERED TO THE PROJECT SITE BY THE CONTRACTOR OR A SUPPLIER TO THE CONTRACTOR. DELIVERY OF ALL MATERIALS AND SOO, INCLUDING RECEIPTS AND/OR MANIFESTS, MUST BE IN ACCORDANCE WITH THE MANUFACTURER'S GUARANTEED CHEMICAL ANALYSIS, NAME, TRADE MARK AND CONFORMANCE WITH STATE LAW REQUIREMENTS.

HARDSCAPE NOTES

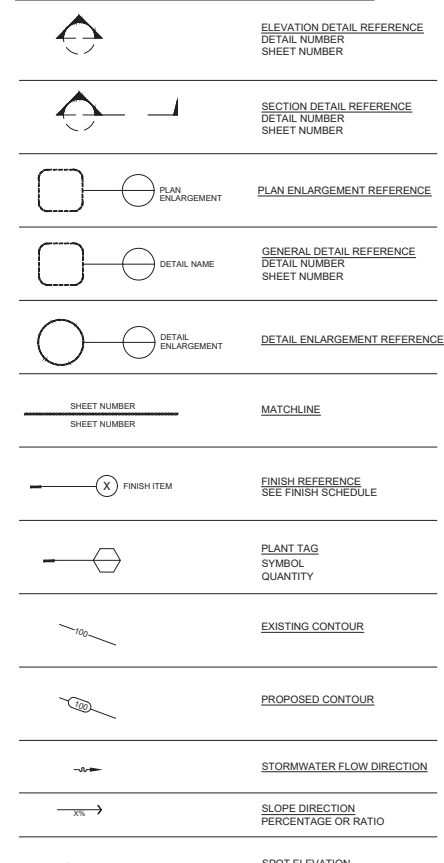
- SEE CIVIL ENGINEERING DRAWINGS FOR GENERAL GRADING OF THE SITE, INCLUDING SIDEWALK AND FINISH GRADES FOR PARKING LOTS, ROADWAYS, SIDEWALKS, AND PLANTING AREAS.
- ALL PAVEMENT SHALL BE STAKED IN THE FIELD FOR APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION. ALIGNMENT MAY BE ADJUSTED UPON APPROVAL TO ACCOMMODATE EXISTING SITE CONDITIONS.
- SLOPES OF WALKS TO BE NO GREATER THAN FIVE PERCENT, UNLESS EXPRESSLY NOTED OTHERWISE. CROSS-SLOPE OF WALKS NOT TO EXCEED TWO PERCENT. SEE SPECIFICATIONS FOR ADDITIONAL LAYOUT AND INSTALLATION DETAILS. SEE HARDSCAPE DRAWINGS FOR FINISH PATTERS.
- ALL COLORS AND MATERIALS SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE. FOR THIS PURPOSE, THE CONTRACTOR SHALL SUBMIT COLOR CHARTS OR SAMPLES TO THE OWNER'S REPRESENTATIVE SPECIFYING PROPOSED FINISHES AND COLORS FOR REVIEW AND APPROVAL.
- ALL WALLS, LAG SCREWS, BOLTS, AND MISCELLANEOUS FASTENERS SHALL BE HOT DIPPED GALVANIZED DR A CORROSION RESISTANT ALLOY.
 - FOUNDATIONS
 - FOOTINGS HAVE BEEN DESIGNED FOR A MAXIMUM ALLOWABLE SOIL BEARING VALUE OF 2000 PSF. IN-PLACE SOLDS TO BE UNIFORMLY COMPACTED AND TESTED TO PROVE SOIL BEARING CAPACITY OF 2,100 PSF.
 - PREPARATION FOR AND CONSTRUCTION OF WALL/COLUMN FOOTINGS TO BE IN COMPLIANCE WITH THE APPLICABLE CHAPTERS AND SECTIONS OF ACI 332R.
 - ANY ADDITIONAL FILL MATERIAL REQUIRED SHALL CONSIST OF SOLDS THAT CONTAIN NOT MORE THAN 12% OF FINE (SILT OR CLAY PARTICLES) PASSING A NO. 200 SIEVE AND SHALL BE PLACED IN UNIFORM LAYERS NOT EXCEEDING 12.0 INCHES THICK. EACH LAYER SHALL BE UNIFORMLY COMPACTED IN THE MANNER AND TO THE DEGREE SPECIFIED FOR THE IN-PLACE SOLDS.
 - CONCRETE
 - CONCRETE, INCLUDING FOOTINGS, SHALL CONFORM TO THE REQUIREMENTS OF ACI 301 AND SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH IN 28 DAYS OF 3000 PSI UNLESS OTHERWISE NOTED. CONCRETE FOR SLAB ON GROUND SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH IN 28 DAYS OF 3000 PSI.
 - CONCRETE, WHEN PLACED, SHALL HAVE A MAXIMUM SLUMP OF 5 INCHES AND A MINIMUM OF 3 INCHES.
 - ALL REINFORCING SHALL CONFORM TO ASTM A15 FOR GRADE 60 STEEL, WELDED WIRE MESH TO ASTM A-185.
 - CHECK ALL DRAWINGS AND APPLICABLE MANUFACTURER'S SHOP DRAWINGS FOR LOCATION OF ALL EMBEDDED ITEMS SUCH AS PPE SLEEVES, ANCHOR BOLTS, ETC. PRIOR TO PLACING CONCRETE.
 - AS REINFORCEMENT FOR CONTINUOUS FOOTINGS SHALL BE CONTINUOUS AND SPACED WITH A FULL 36-INCH LAP.
 - PROTECT FRESHLY PLACED CONCRETE FROM PREMATURE DRYING AND EXCESSIVE COLD OR HOT TEMPERATURES. START INITIAL CURING AS SOON AS FREE WATER HAS DISAPPEARED FROM THE CONCRETE SURFACE. AFTER PLACING AND FINISHING, KEEP CONTINUOUSLY MOIST FOR NOT LESS THAN 7 DAYS IN ACCORDANCE WITH ACI 301 PROCEDURES. PERFORM CURING OF THE CONCRETE BY CURING AND SEALING COMPOUND, BY MOST CURING, BY MOISTURE RETAINING COVER CURING OR BY COMBINATION THEREOF.
- THE FOLLOWING MINIMUM CURABLE COVER SHALL BE PROVIDED FOR THE REINFORCEMENT:
 - CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3 INCHES.
 - FORMED CONCRETE EXPOSED TO DAILY WEATHER: #5 BARS AND SMALLER, 1 1/2 INCHES; #6 BARS AND LARGER, 2 INCHES.
- MASONRY
 - CONCRETE MASONRY UNITS SHALL CONFORM TO THE REQUIREMENTS OF ASTM C90 FOR LOAD BEARING MASONRY WITH A MINIMUM PSI OF 1900 PSI. BRICK MASONRY UNITS SHALL CONFORM TO ASTM C62 FOR STRUCTURAL AND NON-STRUCTURAL MASONRY. REFER TO THE SPECIFICATIONS FOR MASONRY LAYOUT PATTERNS.
 - MASONRY CONSTRUCTION AND MATERIALS SHALL CONFORM WITH ALL THE REQUIREMENTS OF THE "SPECIFICATIONS FOR MASONRY STRUCTURES" (ACI 530.1-REVISION 89/97MS 8020) AS PUBLISHED BY THE MASONRY STANDARDS JOINT COMMITTEE.
- MASONRY CONSTRUCTION SHALL BE PERFORMED UNDER THE DIRECT SUPERVISION OF A CERTIFIED STRUCTURAL MASONRY CONTRACTOR OR CERTIFIED STRUCTURAL MASON AS RECOGNIZED BY THE FLORIDA CONCRETE AND MASONRY ASSOCIATION (FCMA). THE SENIOR MASONRY SUPERVISOR WILL BE RESPONSIBLE TO ASSURE THAT THE WORK IS ACCORDING TO THE SPECIFICATIONS FOR MASONRY LAYOUT PATTERNS.
- ALL MORTAR SHALL BE TYPE M OR S IN ACCORDANCE WITH ASTM C 270.
- GROUT SHALL HAVE A MINIMUM SLUMP OF 8 INCHES AND A MAXIMUM SLUMP OF 11 INCHES. BE IN CONFORMANCE WITH ASTM C 476, AND ATTAIN A COMPRESSIVE STRENGTH OF 1900 PSI.
- CONCRETE MASONRY UNITS SHALL BE PLUMB, TRUE TO LINE, WITH LEVEL COURSES ACCURATELY SPACED AND BUILT TO THE THICKNESS AND IN A RUNNING BOND AND CONFORMING TO THE TOLERANCES SPECIFIED IN ACI 531 AND 530.1. CONCRETE UNITS SHALL BE STORED OFF OF THE GROUND SURFACE AND COVERED TO PROTECT THEM FROM ABSORBING RAIN OR OTHER FOREIGN MATERIALS. CONCRETE UNITS SHALL BE DRY WHEN LAID. EACH UNIT SHALL BE ADJUSTED TO FINAL POSITION IN THE WALL WHILE THE MORTAR IS STILL SOFT AND PLASTIC. ANY UNIT DISTURBED OR DAMAGED WITH OTHER FOREIGN MATERIALS SHALL BE REMOVED AND REPLACED WITH MORTAR. VERTICAL CELLS SHALL BE ALLOWED TO PROVIDE A CONTINUOUS UNINTERRUPTED OPENING. ALL ANCHORS, BOLTS, AND FASTENERS SHALL BE SHOWN AS PLACED AND SHALL BE INSTALLED AS THE MASONRY WORK PROGRESSES. ALL CUTTING AND FITTING OF MASONRY, INCLUDING THAT REQUIRED TO ACCOMMODATE THE WORK OF OTHER TRADES, SHALL BE DONE BY MASONRY. ALL CUTTING AND FITTING SHALL BE DONE AT THE CORNER MAXIMUM AT ALL COLLUMS, AND AT CHANGES IN DIRECTION. KALL THE EXPOSED SIDE OF ALL JOINTS WITH BACKER ROD AND SEALANT. COORD OF SEALANT TO MATCH WALL COLOR.
- HOLLOW UNITS SHALL BE LAID WITH HOLLOW OR BED JOINTS TO THE THICKNESS OF THE FACE SHELL AS A MINIMUM. THE JOINTS SHALL BE FULLY FILLED WITH GROUT AND BE REINFORCED WITH ANCHORS. JOINTS TO BE REINFORCED AND ANCHOR FILLED WITH GROUT OR CONCRETE. MORTAR JOINTS SHALL BE TOOLED WHEN THE MORTAR IS "thumbprint" HARD, BOTH ON THE INSIDE SURFACE OF THE BUILDING WALL, WITH A TOOL PRODUING A CONCAVE SURFACE. BED JOINTS SHALL BE 3/8" - 1/2" IN THICKNESS; HEAD JOINTS SHALL BE 1/4" - 3/8".

- ALL REINFORCING SHALL BE TO GRADE 60 PER ASTM A615. REINFORCING BARS SHALL BE PLACED IN THE MIDDLE OF THE CELLS AND TIED OR OTHERWISE SECURELY SUPPORTED AT THE TOP AND BOTTOM TO ENSURE THAT THE BAR REMAINS IN POSITION. ALL REINFORCING SHALL BE MECHANICALLY CONSOLIDATED INTO THE PREVIOUS LIFT. WHEN PLACED, SO AS TO PROVIDE FULL COVERAGE. ALL REINFORCING SHALL BE MECHANICALLY CONSOLIDATED INTO THE PREVIOUS LIFT. WHEN PLACED, SO AS TO PROVIDE FULL COVERAGE. ALL REINFORCING SHALL BE MECHANICALLY CONSOLIDATED INTO THE PREVIOUS LIFT. WHEN PLACED, SO AS TO PROVIDE FULL COVERAGE.
- GROUTING SHALL BE ACCOMPLISHED IN 4 FOOT LIFTS FOR CONCRETE MASONRY AND 2 FOOT LIFTS FOR BRICK MASONRY. EACH LIFT SHALL BE MECHANICALLY CONSOLIDATED INTO THE PREVIOUS LIFT. WHEN PLACED, SO AS TO PROVIDE FULL COVERAGE. ALL REINFORCING SHALL BE MECHANICALLY CONSOLIDATED INTO THE PREVIOUS LIFT. WHEN PLACED, SO AS TO PROVIDE FULL COVERAGE.
- UNLESS SPECIFICALLY NOTED OTHERWISE, PROVIDE #3 GA. "DURLO-WALL" TRUSS TIE REINFORCING IN EVERY OTHER COURSE OVER THE COURSE OF CONSTRUCTION OF STRUCTURAL STEEL. PROVIDE FOURTH COURSE FOR BRICK MASONRY. DO NOT LAJT JOINT REINFORCEMENT ACROSS EXPANSION JOINTS.
- TEMPORARY BRACING AND SHORING OF ALL CONCRETE MASONRY CONSTRUCTION, TO PROVIDE STABILITY DURING CONSTRUCTION, UNTIL CONSTRUCTION ACHIEVES ITS PROPER STRENGTH, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- STRUCTURAL STEEL
 - ALL STRUCTURAL STEEL SHAPES AND PLATE SHALL CONFORM TO ASTM A-36 AND THE "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION. ALL TUBE STEEL SHALL CONFORM TO ASTM A-500, GRADE B (P7 = 8 KSI).
 - ALL SHIP CONNECTIONS TO BE WELDED (UTERLO EPOX LO HYDROGEN ELECTRODES) AND FIELD CONNECTIONS TO BE BOLTED UNLESS OTHERWISE SPECIFICALLY NOTED ON THE STRUCTURAL DRAWINGS. ALL WELDING SHALL CONFORM TO THE REQUIREMENTS OF THE "STANDARD CODE FOR WELDING IN BUILDING CONSTRUCTION" OF THE AMERICAN WELDING SOCIETY.
 - ALL STEEL TO RECEIVE ONE SHIP COAT AND ONE FIELD TOUCHUP COAT OF APPROVED PAINT.
 - ALL BOLT CONNECTIONS SHALL CONSIST OF A817 HIGH STRENGTH BOLTS AND HARDENED WASHERS AS SHOWN ON THE STRUCTURAL DRAWINGS. ALL BOLTED CONNECTIONS SHALL CONFORM TO THE "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM OR AIA BOLTS" BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION.
 - ALL ANCHORS SHALL BE IN ACCORDANCE WITH ASTM A307.
 - DIRECT ALL STEEL TO CONFORM TO THE "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS," "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES" AND "QUALITY CRITERIA AND INSPECTION STANDARDS" FRAME TO BE PLUMB, SQUARE AND TRUE TO LINE AND LEVEL, CHECKED BY THE CONTRACTOR AND APPROVED BY THE ARCHITECT.
 - LOCATE FINISH FLOORS PRECISELY TO INSURE PASSAGE THROUGH ASSEMBLED MATERIALS WITHOUT DRIFTING. ENLARGE HOLES BY REAMING IF NECESSARY. PORE MATCHING OF HOLES IS SUFFICIENT CAUSE FOR REJECTION.
 - GROUT FOR COLUMN BASE PLATES SHALL BE NON-SHRINK GROUT BY "EMBECON" OR APPROVED EQUAL, 5000 PSI COMPRESSIVE STRENGTH.
- LUMBER
 - ALL LUMBER SHALL BE SOUTHERN YELLOW PINE, GRADE NO. 2 OR BETTER OR AS SPECIFIED ON THE DRAWINGS. KD19 PER FOR LUMBER NOTES. ALL LUMBER SHALL BE IN CONFORMANCE WITH THE NATIONAL LUMBER PRODUCTS ASSOCIATION NATIONAL DESIGN STANDARD SUPPLEMENT, AND SHALL CONFORM TO THE NATIONAL GRADING RULE FOR DIMENSIONAL LUMBER, THE SOUTHERN PINE INSPECTOR BUREAU AND THE SOUTHERN PINE PRODUCTS ASSOCIATION.
 - DO NOT LOCATE ANY HOLES CLOSER THAN FIVE (5) BOLT DIAMETERS FROM THE END OF ANY WOOD FRAMING.
- EXPLOD WOOD MEMBERS SHALL BE PRESURE-TREATED WITH TYPE WATERBORNE PRESERVATIVE IN ACCORDANCE WITH THE AMERICAN WOOD-PRESERVERS STANDARD U-1-03 FOR THE FOLLOWING APPLICATIONS:

APPLICATION	APPROX. USE	TREATMENT
A. ABOVE-GROUND USE	WOOD	ACQ 2.25
B. ABOVE-GROUND USE	CONCRETE, OR IN-GROUND USE	ACQ 2.40
C. FRESHWATER USE	WOOD	ACQ 4.40
D. FRESHWATER USE	WOOD	ACQ 4.40 (NOTE 1)
E. SALTWATER USE, MARINE PILES	WOOD	ACQ 4.50 (NOTE 2)

NOTE 1: CREOSOTE (12 LB/CU FT) MAY BE USED IF APPROVED BY OWNER'S REPRESENTATIVE.
NOTE 2: CREOSOTE (15 LB/CU FT) MAY BE USED IF APPROVED BY OWNER'S REPRESENTATIVE.
- FASTENERS:
 - ABOVE-GROUND METAL CONNECTIONS IN CONTACT WITH AOC:
 - ASTM A123
 - ASTM A153
 - ABOVE-GROUND SCREWS, NUTS, BOLTS & WASHERS IN CONTACT WITH AOC:
 - ASTM A153
 - POST HOT DIPPED GALVANIZED MEETING ASTM A153
 - ABOVE-GROUND COMMON NAILS & GUN NAILS IN CONTACT WITH AOC:
 - 018 HOT DIPPED GALVANIZED MEETING ASTM A153
 - STAINLESS STEEL TYPE 304 OR 316
 - ALL FASTENERS FOR IN-GROUND, UNDERWATER OR MARINE APPLICATIONS: STAINLESS STEEL TYPE 304 OR 316.
- ALUMINUM
 - STRUCTURAL BEELING, PLATES, BARS, AND ANGLES SHALL BE 6061-T6 UNLESS NOTED OTHERWISE.
 - ALL WELDING TO BE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY'S STANDARD AWS D1.2. STRUCTURAL WELDING CODE - ALUMINUM.
 - ISOLATE ALL ALUMINUM FROM STEEL AND CONCRETE BY THE USE OF NEOPRENE WASHERS, BUSHINGS, AND SHEET AS REQUIRED IN ORDER TO PREVENT GALVANIC ACTION OR CORROSION.
 - ALL FASTENERS, BOLTS, NUTS, ETC. IN CONTACT WITH ALUMINUM SHALL BE STAINLESS STEEL.
- POOLS/PUMP/PAINT
 - THE POOL/SUBPAP/PAINT CONTRACTOR WILL STAKE OUT THE POOL/PUMP/PAINT AND SET THE FINISHED GRADE. THE OWNER'S REPRESENTATIVE WILL BE NOTIFIED FOR APPROVAL OF THIS WORK PRIOR TO INSTALLATION.
 - POOL/PUMP/PAINT CONTRACTOR IS RESPONSIBLE FOR ALL POOL/PUMP/PAINT EQUIPMENT, PIPING, POOLING SHELL, FOUNTAIN WALLS, TILE, COPING, ELECTRICAL, TO JUNCTION BOXES, PERMITS, AND CODE COMPLIANCE. SUBMIT SHOP DRAWINGS AND FINISH SAMPLES FOR REVIEW AND APPROVAL OF THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
 - REQUIRED UTILITIES AT THE FILTER/PUMP LOCATION TO BE COORDINATED WITH THE OWNER'S REPRESENTATIVE.
 - FINISH PATTERNS ON THE POOL DECK TO BE LAID OUT EXACTLY AS SHOWN. EXPANSION JOINTS, DECK DRAINS, ETC. TO CONDUCE WITH THE G.R. EXPANSION JOINT FILLER AND ANY OTHER GRASS MATERIALS ARE TO MATCH THE COLOR OF THE DECK.
- PRECASTERS
 - CONCRETE MASONRY UNITS IS RESPONSIBLE FOR DESIGN OF INDIVIDUAL COMPONENTS, INCLUDING VERIFICATION OF FIELD CONDITIONS AND DESIGN OF CONNECTIONS.
 - DESIGN, FABRICATION, AND INSTALLATION OF PRECASTERS COMPONENTS SHALL COMPLY WITH APPLICABLE ACI, PER THE SPECIFICATIONS FOR MASONRY LAYOUT PATTERNS.
 - MANUFACTURER SHALL SUBMIT SHOP DRAWINGS AND FINISH SAMPLES FOR REVIEW AND APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO FABRICATION AND INSTALLATION.
 - ALL CAST STONE PRODUCTS SHALL CONFORM WITH ALL REQUIREMENTS OF ASTM C1364.
- FINISHINGS
 - THE CONTRACTOR TO PROVIDE THE FOLLOWING SUBMITTALS:
 - PROCEDURES AND MAINTENANCE.
 - COMPLETE SHOP DRAWINGS FOR ALL SITE FINISHINGS INCLUDING ALL DETAILS OF FABRICATION AND INSTALLATION INCLUDING SECTIONS, SHAPES, FINISHES, COLORS, THICKNESS, MATERIAL QUALITY AND ALL OTHER RELATED WORK APPLICABLE TO THE SITE FINISHINGS.
 - SUBMIT COLOR SAMPLES FOR APPROVAL BY THE OWNER.
 - DELIVER ALL MATERIALS WITH MANUFACTURERS TAGS AND LABELS NACT IN CLEAN, DRY AND PROTECTED FROM WEATHER.
 - STORE AND HANDLE ALL SITE FINISHINGS WARE AS TO AVOID DAMAGE. ALL SITE FINISHINGS SHALL BE GUARANTEED BY THE CONTRACTOR FREE OF DEFECTS, CRACKS, CHIPS, STAINS AND SHALL BE COMPLETELY CLEAN AND UNDISCLOSED TO THE OWNER'S REPRESENTATIVE.
 - ALL SITE FINISHINGS SHALL BE PROVIDED BY THE CONTRACTOR INCLUDING ORDERING, SHIPPING, DELIVERY, UNPACKING, AND INSTALLING ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND AS DETAILD ON THE CONTRACTOR'S INSTALLATION. CONTRACTOR SHALL VERIFY INSTALLATION PROCEDURE WITH THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLING.
 - ALL SITE FINISHINGS LOCATIONS ARE TO BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO BEING PLACED ON SITE. FURNISHING TO SECURE OWNER'S APPROVAL MAY REQUIRE THE CONTRACTOR TO MOVE AND/OR REINSTALL THE FINISHINGS AT THE CONTRACTOR'S EXPENSE.

STANDARD DRAWING SYMBOLS



CONTRACTOR NOTES

NOT ALL ITEMS SHOWN ON THIS SHEET APPEAR IN THE CONSTRUCTION DOCUMENTS. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL RELATIONSHIP INFORMATION TO CONNECTION INCLUDING, BUT NOT LIMITED TO, BUILDING, LANDSCAPE, IRRIGATION & RIGHT OF WAY UTILIZATION PERMITS.

CODE COMPLIANCE NOTES

- IT IS THE INTENT OF THIS DESIGN TO COMPLY WITH ALL APPLICABLE LOCAL AND STATE BUILDING CODES. ALL EDITIONS OF THE FLORIDA BUILDING CODE 2003 (3RD EDITION) AND NATIONAL ELECTRIC CODE 2003

WINDOW LOTS

- WINDOW DESIGN INFORMATION (TO BE CONFIRMED BY ENGINEER OF RECORD):
 - BASIC WIND SPEED (WUB) = 140 MPH (3 SECOND DURATION)
 - DESIGN WIND SPEED (WUD) = 160 MPH (3 SECOND DURATION)
 - WIND EXPOSURE CATEGORY (II) (ASCE 7-16)
 - WIND EXPOSURE CATEGORY (II) (ASCE 7-16)
 - CF = 1.4

DRAWING TITLE INDEX SHEET

DRAWING NUMBER: ID-01
SHEET 1 OF 1

LANDSCAPE ARCHITECTURE
COMMERCIAL & RESIDENTIAL
URBAN DESIGN

1516 E. HILLCREST STREET, SUITE 105
ORLANDO, FL 32809 | 407.242.2625

WE DESIGN SPACES THAT INSPIRE PEOPLE
TO LIVE BETTER. WE DESIGN SPACES THAT
INSPIRE PEOPLE TO LIVE BETTER. WE DESIGN
SPACES THAT INSPIRE PEOPLE TO LIVE
BETTER. WE DESIGN SPACES THAT
INSPIRE PEOPLE TO LIVE BETTER.

57th Ct. LOT 11, & 12
MARION COUNTY, FL
Prepared For:
ACRISTO INVESTMENTS

PROJECT CONSULTANTS

PROPOSED CONTOUR

STORMWATER FLOW DIRECTION

SLOPE DIRECTION PERCENTAGE OR RATIO

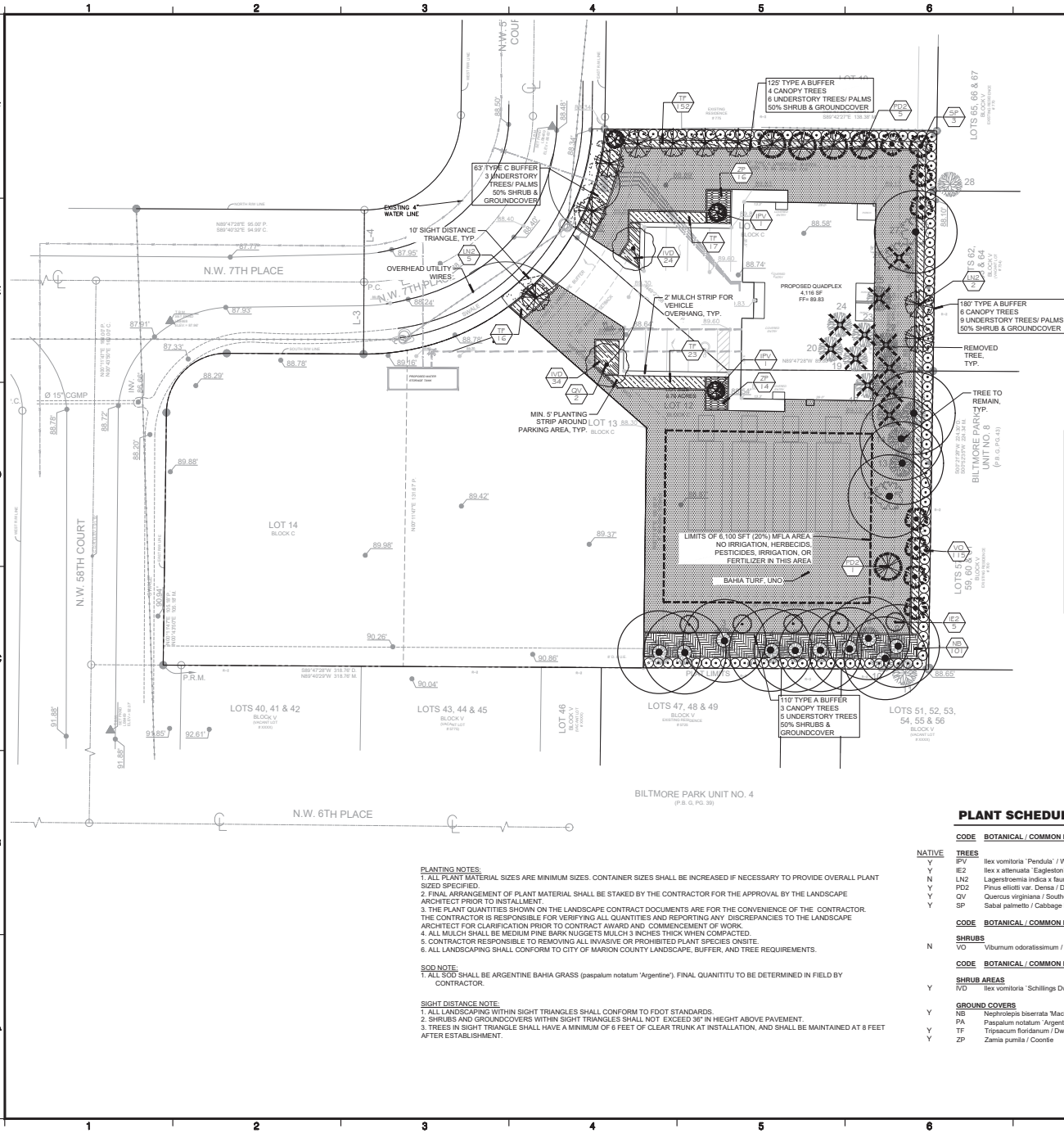
SPOT ELEVATION

COORDINATE REFERENCE

PROJECT NO. 202425
DESIGNED BY TDC/TFW
DRAWN BY TDC/TFW
CHECKED BY TDC/TFW
DATE 10/20/25
DRAWING SCALE

DRAWING TITLE INDEX SHEET

DRAWING NUMBER ID-01
SHEET 1 OF 1



TREES DESCRIPTION

TREE No	TYPE	DIAMETER (FT.)
1	OAK	2.00
2	OAK	2.00
3	OAK	1.50
4	OAK	2.00
5	OAK	1.00
6	OAK	0.80
7	OAK	2.00
8	OAK	1.10
9	OAK	0.60
10	OAK	2.00
11	OAK	2.00
12	TREE	0.50
13	OAK	0.60
14	OAK	0.80
15	OAK	0.50
16	OAK	0.70
17	OAK	0.50
18	OAK	0.60
19	OAK	0.50
20	OAK	1.00
21	OAK	0.50
22	OAK	0.50
23	OAK	0.50
24	OAK	1.00
25	OAK	0.50
26	TREE	0.60
27	TREE	0.60
28	OAK	2.00

TREE REMOVAL SUMMARY:
 TOTAL TREES (10" MIN) ON SITE: 12
 TOTAL INCHES REMOVED: 24"
 TOTAL SITE AREA: 0.10 ACRES (30,498sq ft)
 TOTAL INCHES PROPOSED: 77"
 SURPLUS OF 281 INCHES

LANDSCAPE AREA CALCULATIONS:
 TOTAL SITE AREA: 30,498 +/- SQ. FT.
 TOTAL UPLAND LANDSCAPED AREA: 22,077 +/- SQ. FT.
 IRRIGATED PLANTING AREAS: 6,147 +/- SQ. FT.
 UNIRRIGATED BAHIA TURF AREA: 15,930 +/- SQ. FT.
 20% MFLA REQUIRED = 30,500 X 20% = 6,100 SQ. FT.

SHADE TREE CALCULATIONS:
 TOTAL TREES PROVIDED: 15
 SHADE TREES PROVIDED: 5
 30,498 SQ. FT. / 20 TREES = 1 TREE PER 1,525 SQ. FT.
 (MINIMUM 1 PER 3,000 SQ. FT.)

TREE PROTECTION NOTE:

PER SEC. 7.6.3. E
 TREE PROTECTION SHALL CONTINUE DURING THE COURSE OF CONSTRUCTION. THE FOLLOWING REQUIREMENTS SHALL BE CONDITIONS OF TREE REMOVAL PERMITS. ALL PERMITS FOR CONSTRUCTION IN PUBLIC RIGHTS-OF-WAY, AND ALL DEVELOPMENT PERMITS ISSUED UNDER AND PURSUANT TO THIS CODE.
 (1) THE CLEANING OF CONSTRUCTION EQUIPMENT OR MATERIAL OR THE DISPOSAL OF WASTE MATERIALS INCLUDING BUT NOT LIMITED TO, PAINT, OIL, SOLVENTS, ASPHALT, CONCRETE, AND MORTAR WITHIN THE TPZ OF ANY TREE WHICH IS BEING PROTECTED IS NOT ALLOWED.
 (2) THE MOVEMENT OF EQUIPMENT OR THE STORAGE OF EQUIPMENT, MATERIALS, DEBRIS, OR FILL WITHIN THE TPZ OF ANY TREE WHICH IS BEING PROTECTED IS NOT ALLOWED.
 (3) THE CONTRACTOR SHALL INSPECT ALL TREE PROTECTION BARRICADES AND SIGNS ON A WEEKLY BASIS DURING THE COURSE OF CONSTRUCTION. ANY BARRICADE OR SIGN WHICH HAS BEEN DAMAGED OR IS MISSING SHALL BE REPLACED IMMEDIATELY.
 (4) IF ANY TREE WHICH HAS NOT BEEN APPROVED TO BE REMOVED IS DESTROYED, OR RECEIVES MAJOR DAMAGE DURING CONSTRUCTION, WITH THE EXCEPTION OF NATURAL EVENTS, SO AS TO PLACE ITS LONG TERM SURVIVAL IN QUESTION, THE TREE(S) MUST BE REPLACED AT AN INCH-TO-INCH BASIS OF THE TOTAL (COMBINED) DBH OF THE TREE(S) SO DESTROYED OR DAMAGED. THE REPLACEMENT TREE(S) SHALL BE OF COMPARABLE SPECIES OF THE DESTROYED OR DAMAGED TREE(S) WITH A MINIMUM REPLACEMENT SIZE OF 3.5-INCH CALIPER. THE COUNTY RESERVES THE RIGHT TO ESTABLISH A REPLACEMENT VALUE FOR SUCH TREES AND PAYMENT INTO THE TREE MITIGATION FUND MAY BE AUTHORIZED BY THE COUNTY'S LANDSCAPE ARCHITECT.

SEC. 6.8.12 - LANDSCAPE COMPLETION INSPECTION REQUIREMENTS.

UPON COMPLETION OF THE INSTALLATION, THE CONTRACTOR SHALL REQUEST AN INSPECTION BY THE DESIGN PROFESSIONAL. A LANDSCAPE AND IRRIGATION AS-BUILT CERTIFICATION SHALL BE SIGNED AND SEALED BY THE DESIGN PROFESSIONAL AND SUBMITTED TO THE COUNTY LANDSCAPE ARCHITECT PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

PLANT SCHEDULE 77% NATIVE THIS IS A "FLORIDA FRIENDLY LANDSCAPE PLAN"

CODE	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	QTY	MITIGATION INCHES PROVIDED
TREES						
Y	IPV Ilex vomitoria 'Pendula' / Weeping Yaupon Holly	30 gal	2" Cal	8'-10" H x 4'-5" W	3	6
Y	IE2 Ilex x alternata 'Eagleton' / Eagleton Holly	30 gal	2" STANDARD	8'-10" H x 4'-5" W	5	10
N	LN2 Lagerstroemia indica x laevis 'Natchez' / Natchez Crepe Myrtle	45 gal	3.5" cal STD	10'-12" H x 4'-5" W	9	31.5
Y	PD2 Pinus elliottii var. densa / Densa Slash Pine	45 gal	3.5" Cal	10'-12" H X 5'-6" W	5	17.5
Y	QV Quercus virginiana / Southern Live Oak	65 gal	3.5" Cal	12'-14" x 6'-8"	2	14
Y	SP Sabal palmetto / Cabbage Palmetto	9.5 B		12'-18" CT	8	8
SHRUBS						
N	VO Viburnum odoratissimum / Sweet Viburnum	3 gal	24"-30" X 24"-30"		48" o.c.	115
SHRUB AREAS						
Y	IVD Ilex vomitoria 'Schillings Dwarf' / Schillings Dwarf Holly	3 gal @	10'-12" x 10'-12"		24" o.c.	58
GROUND COVERS						
Y	NB Nephrolepis biserrata 'Macho' / Macho Fern	1 gal @	8-10 ppp		36" o.c.	101
Y	PA Paspalum notatum 'Argentine' / Bahia Grass	94d			15,932 sf	
Y	TF Tripsacum dorum / Dwarf Fakahatchee Grass	1 gal	18" height, full		36" o.c.	208
Y	ZP Zamia pumila / Coonite	3 gal	18"-24" spd.		36" o.c.	30
						TOTAL INCHES
						79

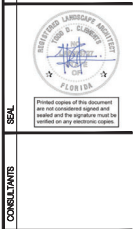
PLANTING NOTES:
 1. ALL PLANT MATERIAL SIZES ARE MINIMUM SIZES. CONTAINER SIZES SHALL BE INCREASED IF NECESSARY TO PROVIDE OVERALL PLANT SIZED SPECIFIED.
 2. FINAL ARRANGEMENT OF PLANT MATERIAL SHALL BE STAKED BY THE CONTRACTOR FOR THE APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLMENT.
 3. THE PLANT QUANTITIES SHOWN ON THE LANDSCAPE CONTRACT DOCUMENTS ARE FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES AND REPORTING ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT FOR CLARIFICATION PRIOR TO CONTRACT AWARD AND COMMENCEMENT OF WORK.
 4. ALL MULCH SHALL BE MEDIUM PINE BARK NUGGETS MULCH 3 INCHES THICK WHEN COMPACTED.
 5. CONTRACTOR RESPONSIBLE TO REMOVING ALL INVASIVE OR PROHIBITED PLANT SPECIES ON SITE.
 6. ALL LANDSCAPING SHALL CONFORM TO CITY OF MARION COUNTY LANDSCAPE, BUFFER, AND TREE REQUIREMENTS.

SOD NOTE:
 1. ALL SOD SHALL BE ARGENTINE BAHIA GRASS (paspalum notatum 'Argentine'). FINAL QUANTITY TO BE DETERMINED IN FIELD BY CONTRACTOR.

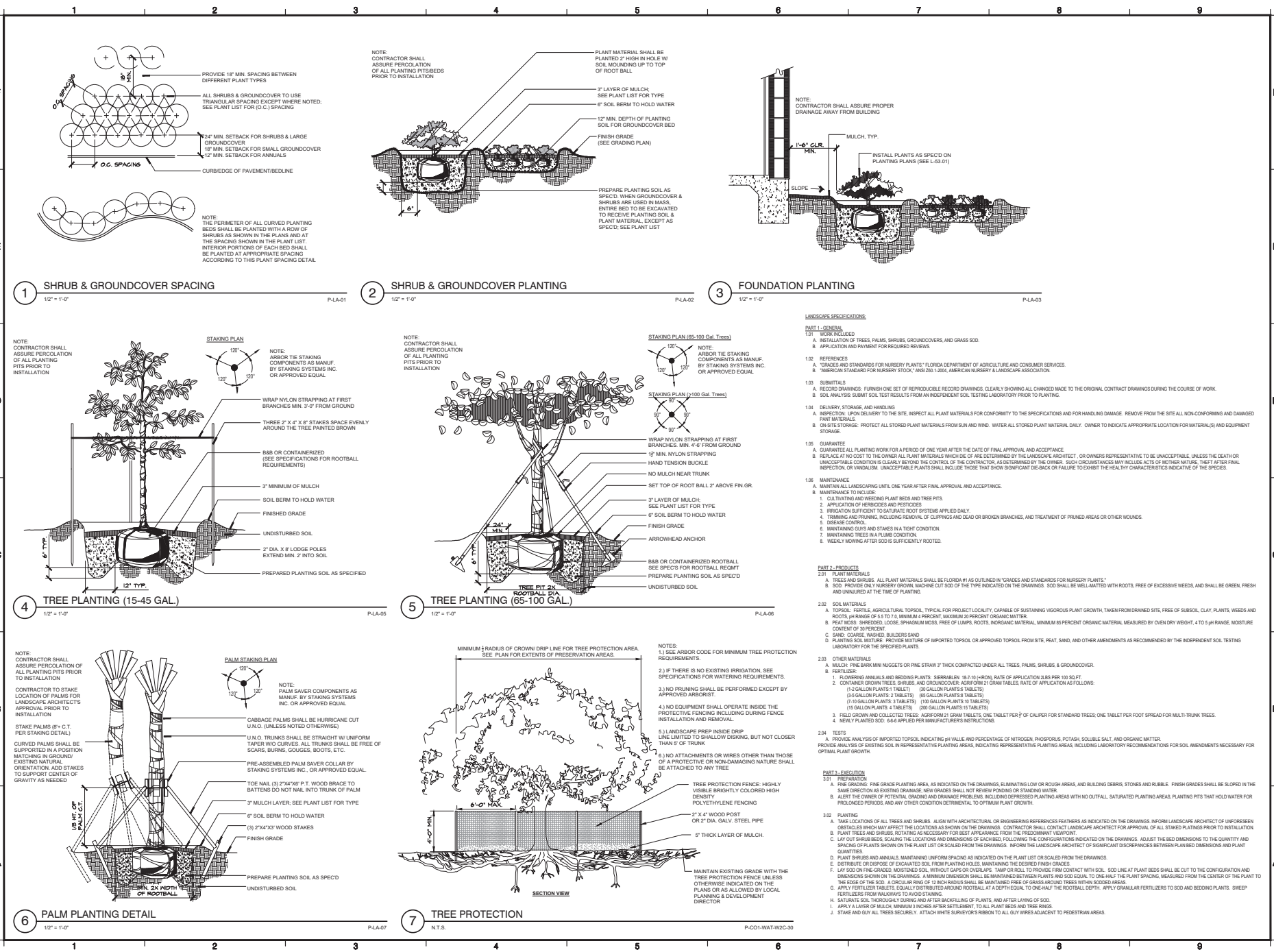
SIGHT DISTANCE NOTE:
 1. ALL LANDSCAPING WITHIN SIGHT TRIANGLES SHALL CONFORM TO FDOT STANDARDS.
 2. SHRUBS AND GROUNDCOVERS WITHIN SIGHT TRIANGLES SHALL NOT EXCEED 36" IN HEIGHT ABOVE PAVENT.
 3. TREES IN SIGHT TRIANGLE SHALL HAVE A MINIMUM OF 8 FEET OF CLEAR TRUNK AT INSTALLATION, AND SHALL BE MAINTAINED AT 8 FEET AFTER ESTABLISHMENT.



57th Ct, LOT 11, & 12
 MARION COUNTY, FL
 Prepared For:
 ACRISTO INVESTMENTS



PROJECT NO. 2024-25
DESIGNED BY TFW
DRAWN BY TFW
CHECKED BY TDC/TFW
DATE 10/20/25
DRAWING SCALE 1"=20'
DRAWING TITLE LANDSCAPE PLAN
DRAWING NUMBER LS-01
SHEET 1 of 2



PROJECT	57th Ct. LOT 11 & 12 MARION COUNTY, FL
DESIGNED BY	TTV
DRAWN BY	TTV
CHECKED BY	TD/TTV
DATE	10/2025
DRAWING SCALE	AS SHOWN

PROJECT NO.	2024-25
DESIGNED BY	TTV
DRAWN BY	TTV
CHECKED BY	TD/TTV
DATE	10/2025
DRAWING SCALE	AS SHOWN
DRAWING TITLE	LANDSCAPE DETAILS & SPECIFICATIONS
DRAWING NUMBER	LS-02
SHEET	2 of 2

Drawing name: Z:\Projects\36300-Adon Investments\36300-2200 NW 57th Ct, Ocala, FL 34485 - Parcel ID 2164-003-011 (Tree & Price)\Cadd-Civil\NW 57th Ct, Ocala Lot 11,12.dwg Jan 17, 2025 7:59am by: Shenika Thomas

SITE DATA - LOT 11/12

PARCEL ID# 2164-003-011
 TOTAL AREA: 1.30 ACRES 56,468 SF
 PROJECT AREA: 0.70 ACRES 30,498 SF
 EXISTING ZONING: R-3
 PROPOSED ZONING: APARTMENTS
 BUILDING: 2,378 SF/FLOOR=4,756/BLDG.
 MAX BUILDING HEIGHT: 40'-0"
 PROVIDED BUILDING HEIGHT: 26'-0"
 NUMBER OF STORIES: 1

PROPOSED UNITS:

1 QUADPLEX

PARKING REQUIRED:

4 UNITS: 2 SPACES/D.U. = 4 X 2 = 8 SPACES
 TOTAL REQUIRED PARKING: 8 SPACES

PARKING PROVIDED:

HANDICAP SPACES (12'x18') 1 SPACES
 REGULAR SPACES (9'x18') 7 SPACES
 TOTAL SPACES 8 SPACES

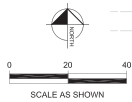
LANDSCAPE BUFFER: REQUIRED

FRONT (WEST) 15 FEET
 SIDE (NORTH) 15 FEET
 REAR (EAST) 15 FEET
 SIDE (SOUTH) 30 FEET

AREA LOT 11 & LOT 12:
 LOT AREA: 30,498 SF
 IMPERVIOUS AREA: 8,420 SF
 ISR: 28%

LEGEND

— PROPOSED WATER MAIN
 --- EXISTING FORCE MAIN
 --- EXISTING WATER MAIN



NOTE:

- PROPERTY IS LOCATED IN THE SECONDARY SPRING PROTECTION ZONES.
- NEW HYDRANT TO BE INSTALLED, TESTED AND PAINTED PER NFPA 291, BY A THIRD PARTY CONTRACTOR AND WITNESSED BY A MARION COUNTY FIRE INSPECTOR.
- THIS PROPOSED PROJECT HAS NOT BEEN GRANTED CONCURRENCY APPROVAL AND/OR GRANTED AND/OR RESERVED ANY PUBLIC FACILITY CAPACITIES. FUTURE RIGHTS TO DEVELOP THE PROPERTY ARE SUBJECT TO A DEFERRED CONCURRENCY DETERMINATION, AND FINAL APPROVAL TO DEVELOP THE PROPERTY HAS NOT BEEN OBTAINED. THE COMPLETION OF CONCURRENCY REVIEW AND/OR APPROVAL HAS BEEN DEFERRED TO LATER DEVELOPMENT REVIEW STAGES, SUCH AS, BUT NOT LIMITED TO, BUILDING PERMIT REVIEW.

LEGAL DESCRIPTION:

LOT 11 AND 12, RIDGE MEADOWS, ACCORDING TO THE MAP OR PLAT THEREOF AS RECORDED IN PLAT BOOK U, PAGE 70, OF THE PUBLIC RECORDS OF MARION COUNTY, FLORIDA.

FLOOD INFORMATION:

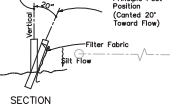
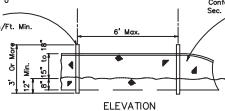
BY PERFORMING A SEARCH WITH THE LOCAL GOVERNING MUNICIPALITY OR WWW.FEMA.GOV, THE PROPERTY APPEARS TO BE LOCATED IN ZONE X. THIS PROPERTY WAS FOUND IN MARION COUNTY, FLORIDA COMMUNITY NUMBER 120160, DATED 4/19/2017.

Post Options:
 Wood 2" x 4"
 Wood 2" x 6"
 Oak 1 1/2" x 4"
 Steel 1.33 (Use/Flt. Min.)

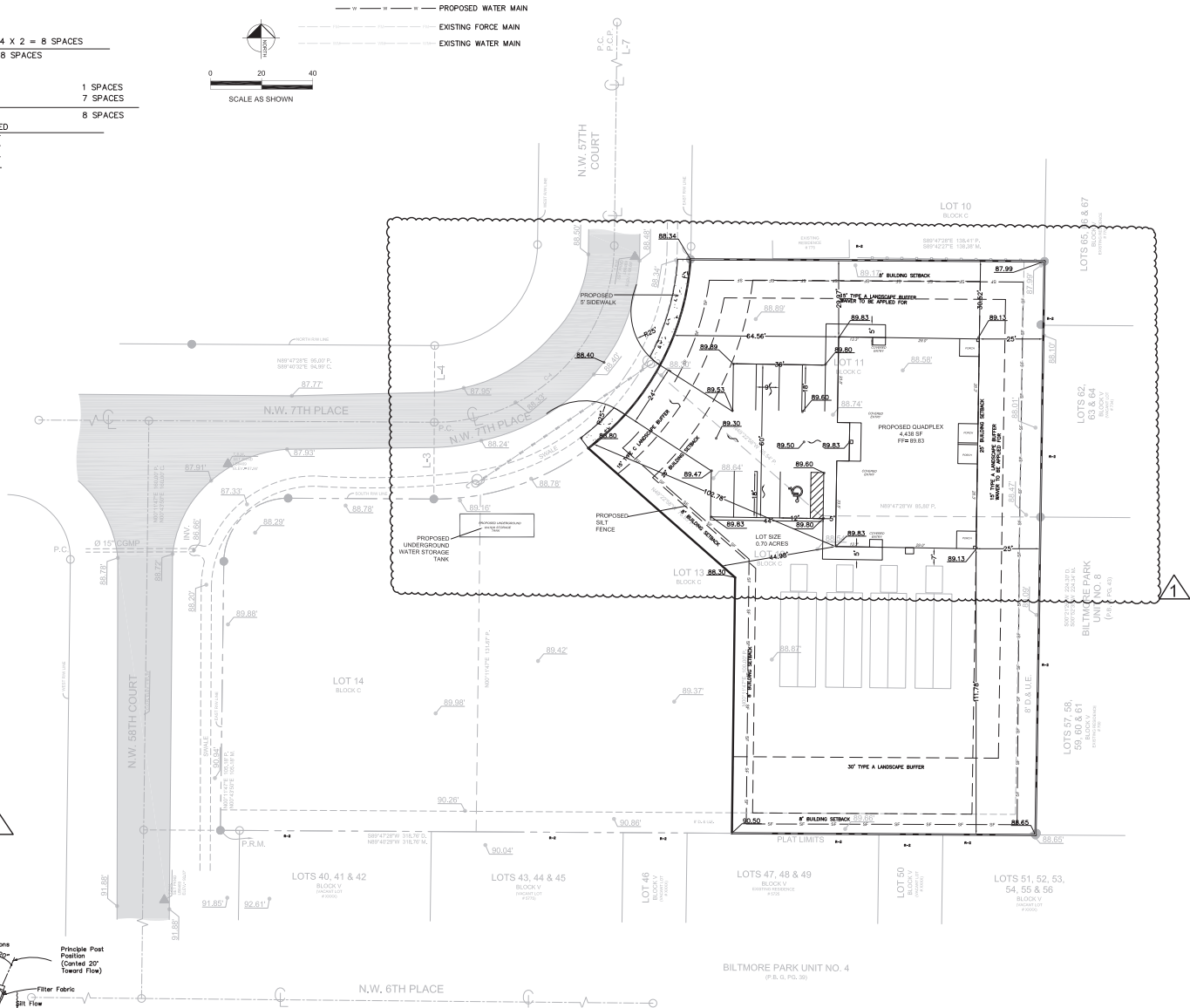
Filter Fabric (in Conformance With Sec. 985 FDOT Spec.)

Optional Post Positions

Principle Post Position (Cont'd 20" Toward Flow)



TYPE III SILT FENCE
 N.T.S.



DESIGNED BY: CHAD S. LINN FLORIDA REGISTRATION NUMBER: 57524	CHECKED BY: CSJ	SEAL	SCALE(S) NOTED: DESIGNED BY: CHAD S. LINN DRAWN BY: SAT CHECKED BY: CSJ	DESIGN ENGINEER: CHAD S. LINN FLORIDA REGISTRATION NUMBER: 57524		L I N N ENGINEERING & DESIGN, INC. P.O. BOX 1000 ORLANDO, FL 32814 PHONE: 407-716-1000 FAX: 407-716-1001 CAL. LIC. NO. 31710	DATE	BY
							03/24	
MINOR SITE PLAN							FLORIDA	
NW 57TH CT. OCALA, FL 34485							MARION COUNTY	
PROJECT NO. 36300-23-2200							DATE	03/24
SHEET NUMBER							C1	

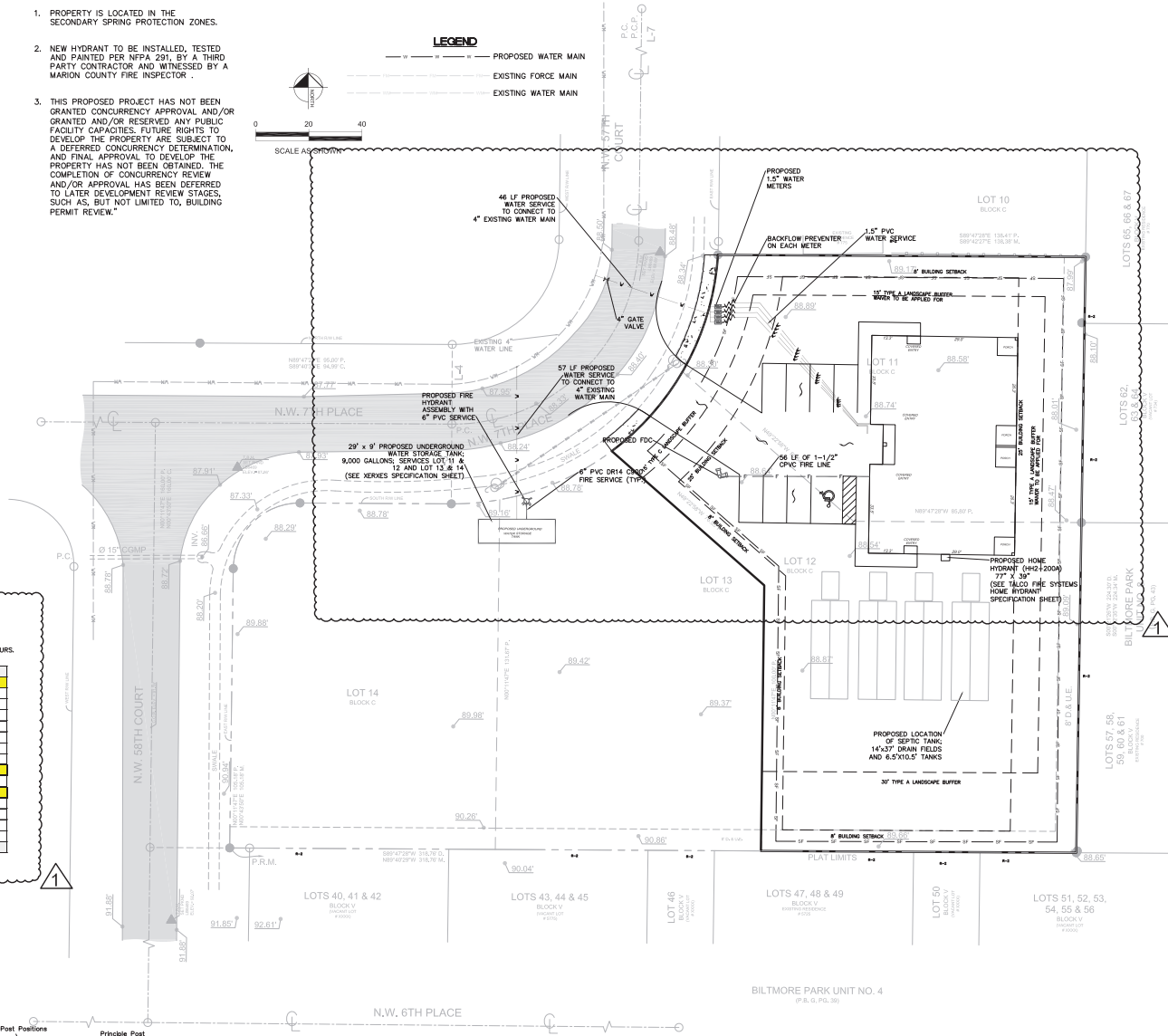
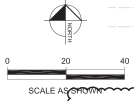
Drawing name: Z:\Projects\35300-Adon Investments\35-2200 NW 57th Ct. Ocala Investments\35-2200 NW 57th Ct. Ocala Lot 11.12.dwg Plot ID: 2164-003-011 (Fee + Price) Coast-Civl\NW 57th Ct Ocala Lot 11.12.dwg Date: 03/24/24 11:12 AM User: shenka.thomas

NOTE:

- PROPERTY IS LOCATED IN THE SECONDARY SPRING PROTECTION ZONES.
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LEGEND

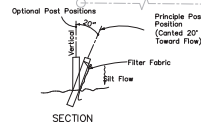
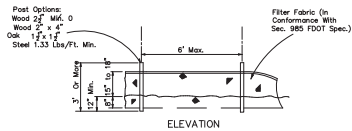
- PROPOSED WATER MAIN
- EXISTING FORCE MAIN
- EXISTING WATER MAIN



NOTES

- POTABLE WATER TO BE PROVIDED BY EXISTING WATER MAIN.
- THE FIRE PROTECTION WATER STORAGE TANK SHALL BE DESIGNED TO STORE A MINIMUM VOLUME OF 8,004 GALLONS OF WATER. SEE CALCULATION THIS SHEET.
- THE FIRE PROTECTION WATER STORAGE TANK SHALL BE DESIGNED TO REFILL WITHIN 8 HOURS.

Structures without Exposure Hazards	
WS _{reqd} = VS _{total} (OHC [C])	
Occupancy Hazard Classification Number (OHC)	OHC = 7
Construction Classification Number (CC)	CC = 1
Building Volume = (Length x Width x Wall Height)	L = 82 W = 55 WH = 8
Atic Volume = (Length x Width x Height x 0.5)	L = 82 W = 55 H = 9
Total Volume of Structure in ft ³ (TVS)	VS _{total} = 58375
Minimum Water Supply in gallons (WWS)	WS = 8,004



TYPE III SILT FENCE
N.T.S.

DESIGN ENGINEER CHAD S. LINN	DESIGNED BY CHAD S. LINN	DATE 03/20/24
FLORIDA REGISTRATION NUMBER 57524	FLORIDA REGISTRATION NUMBER 57524	REVISIONS
CHECKED BY CSJ	SEAL	DATE
MINOR SITE PLAN		
NW 57TH CT. OCALA, FL 34485		
MARION COUNTY FLORIDA		
PROJECT NO. 36300-23-2200		SHEET NUMBER C2

