

October 8, 2025

- 1 DEPARTMENT: ENGDRN - STORMWATER REVIEW
REVIEW ITEM: 6.13.2.A(4) - Stormwater Features & Connective Elements
STATUS OF REVIEW: INFO
REMARKS:
- 2 DEPARTMENT: ENGDRN - STORMWATER REVIEW
REVIEW ITEM: 6.13.2.A(3) - Retention/Detention Area Design Parameters
STATUS OF REVIEW: INFO
REMARKS:
- 3 DEPARTMENT: ENGDRN - STORMWATER REVIEW
REVIEW ITEM: 6.13.3 - Type of Stormwater Facility Criteria
STATUS OF REVIEW: INFO
REMARKS:
- 4 DEPARTMENT: ENGDRN - STORMWATER REVIEW
REVIEW ITEM: 6.13.10.B - Copy of NPDES Permit or NOI
STATUS OF REVIEW: INFO
REMARKS: Please provide a copy of the NPDES permit or NOI prior to construction.
- 5 DEPARTMENT: ENGDRN - STORMWATER REVIEW
REVIEW ITEM: Copy of District Permit (County Interest)
STATUS OF REVIEW: INFO
REMARKS: Please provide a copy of the District permit prior to construction.
- 6 DEPARTMENT: ENGIN - DEVELOPMENT REVIEW
REVIEW ITEM: 2.12.4.K - List of approved waivers, their conditions, and the date of approval
STATUS OF REVIEW: INFO
REMARKS: 4/25/25-add waivers if requested in future
- 7 DEPARTMENT: ENGIN - DEVELOPMENT REVIEW
REVIEW ITEM: Additional Development Review Comments
STATUS OF REVIEW: INFO
REMARKS: After approval, plans will be electronically stamped by the County. The applicant will receive an email indicating that approved plans are available for download and are located in the ePlans project Approved folder. For Development Review submittals, with the exception of Final Plats and Minor Site Plans, applicants are required to print, obtain required signatures, and sign and seal two 24"x 36" sets of the electronically stamped approved plan and deliver them to the Office of County Engineer, Development Review Section, located at 412 SE 25th Avenue Ocala, FL 34471. Upon receipt, a development order will be issued. Until such time as that development order is issued, the project does not have final approval and construction, if applicable, shall not commence. For plans requiring As-Builts, As-Builts and associated documentation shall be submitted on paper in accordance with current county requirements.
- 8 DEPARTMENT: UTIL - MARION COUNTY UTILITIES
REVIEW ITEM: 6.14.2(e) - Grease Trap/Industrial Pretreatment
STATUS OF REVIEW: INFO
REMARKS: 9/30/25 All maintenance and production buildings with flows will be required to install an oil/water separator prior to connecting to the Marion County Utilities (MCU) force main. When the force main connection plans are submitted, the plans must show the grease and oil/water separator(s) and include

signed and sealed specifications from the Engineer of Record. Additional review to be completed during the plan review with Utility connections. Please contact CrossConnectionControl@marionfl.org for additional information.

- 9 DEPARTMENT: UTIL - MARION COUNTY UTILITIES
REVIEW ITEM: 6.14.3 - Onsite Waste Treatment and Disposal System (OSTDS)
STATUS OF REVIEW: INFO
REMARKS: 9/30/25 Site is within connection distance to MCU's sewer force main. EOR will submit utility connections under a separate plan.
- 10 DEPARTMENT: UTIL - MARION COUNTY UTILITIES
REVIEW ITEM: 6.14.4 - Non-residential irrigation well, or total SF of Irrigation or irrigation flows design analysis identified on utility or irrigation plan
STATUS OF REVIEW: INFO
REMARKS: 9/30/25 Irrigation to be provided by existing well. Irrigation well proposed on site plans. Please note: If after plans are approved by DRC, an irrigation meter and connection to MCU is needed, additional Utility plan will be required. Additional fee(s) will apply.
- 11 DEPARTMENT: UTIL - MARION COUNTY UTILITIES
REVIEW ITEM: 6.15.5 - Water Services and Connections
STATUS OF REVIEW: INFO
REMARKS: 9/30/25 – A future water main connection is shown on the south side of the property. Marion County Utilities will review the proposed main extension and associated connections during the sewer force main connection plan review, once submitted.
- 12 DEPARTMENT: UTIL - MARION COUNTY UTILITIES
REVIEW ITEM: Utilities Plan Review Fee per Resolution 15-R-583 - payable to Marion County Utilities
STATUS OF REVIEW: INFO
REMARKS: 10/1/25 \$130.00 review fee. 4/25/25 Utilities Plan Review Fee: \$225.00 Fee(s) can be paid by calling 352-671-8686 or visiting the Development Review Office at 412 SE 25th Ave, Ocala, FL 34471. Reference AR# 32736
- 13 DEPARTMENT: UTIL - MARION COUNTY UTILITIES
REVIEW ITEM: Additional Utilities comments
STATUS OF REVIEW: INFO
REMARKS: For any questions regarding this review, please contact Heather Proctor, Utilities Development Review Officer, at Heather.Proctor@marionfl.org or by phone at (352) 438-2846.
- 14 DEPARTMENT: DOH - ENVIRONMENTAL HEALTH
REVIEW ITEM: Central Sewer
STATUS OF REVIEW: INFO
REMARKS: Utilities may require connection to central sewer
- 15 DEPARTMENT: DOH - ENVIRONMENTAL HEALTH
REVIEW ITEM: DEP Water Approval
STATUS OF REVIEW: INFO
REMARKS: Central Water
- 16 DEPARTMENT: DOH - ENVIRONMENTAL HEALTH
REVIEW ITEM: Additional Health comments
STATUS OF REVIEW: INFO

REMARKS: Confirm with Utilities if connection to central sewer is required. If not than septic system will require a permit through the Department of Environmental Protection

17 DEPARTMENT: LSCAPE - LANDSCAPE DESIGN AND IRRIGATION

REVIEW ITEM: Additional Landscape comments

STATUS OF REVIEW: INFO

REMARKS: Landscape not impacted by revisions

18 DEPARTMENT: ENRAA - ACQ AGENT ENG ROW

REVIEW ITEM: Major Site Plan

STATUS OF REVIEW: INFO

REMARKS: Please provide documentation that shows Shane D. McLaughlin has the authority to sign on behalf of the company. -EMW 10.03.25

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]."



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

AR 32736

DEVELOPMENT REVIEW PLAN APPLICATION

Date: 04/11/2025

A. PROJECT INFORMATION:

Project Name: Ring Power Expansion (Revision to AR#30211)
Parcel Number(s): 13358-001-00, 13358-000-00, 134448-000-00
Section S25 Township 14S Range 21E Land Use CD Zoning Classification M-2
Commercial ☒ Residential ☐ Industrial ☐ Institutional ☐ Mixed Use ☐ Other ☐
Type of Plan: MAJOR SITE PLAN
Property Acreage 62.03 acres Number of Lots Miles of Roads
Location of Property with Crossroads SE intersection of NW 63rd Street and US 301
Additional information regarding this submittal: Minor modification of the previously approved AR# 30211) project. Please see enclosed narrative for revisions.

B. CONTACT INFORMATION *(Check the appropriate box indicating the point for contact for this project. Add all emails to receive correspondence during this plan review.)*

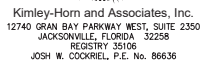
☒ **Engineer:**
Firm Name: Kimley Horn & Associates, Inc. Contact Name: Joshua Cockriel, P.E.
Mailing Address: 12740 Gran Bay Parkway West, Suite 2350 City: Jacksonville State: FL Zip Code: 32258
Phone # 904-828-3909 Alternate Phone #
Email(s) for contact via ePlans: ocala.permits@kimley-horn.com

☐ **Surveyor:**
Firm Name: Moorhead Engineering Company Contact Name: Bruce Varnadoe
Mailing Address: 305 SE 1st Avenue City: Ocala State: FL Zip Code: 34478
Phone # 352-732-4406 Alternate Phone #
Email(s) for contact via ePlans:

Property Owner:
Owner: Ring Power Corporation Contact Name: David Kent
Mailing Address: 500 World Commerce Parkway City: St. Augustine State: FL Zip Code: 32092
Phone # 904-737-7730 Alternate Phone #
Email address: david.kent@ringpower.com

Developer:
Developer: Ring Power Corporation Contact Name: David Kent
Mailing Address: 500 World Commerce Parkway City: St. Augustine State: FL Zip Code: 32092
Phone # 904-495-2704 Alternate Phone #
Email address: david.kent@ringpower.com

Revised 6/2021



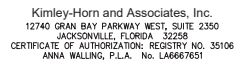
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY
JOSH W. COCKRIEL, P.E. ON THE DATE ADJACENT TO THE SEAL.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED
SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON
ANY ELECTRONIC COPIES.

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR
THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

CIVIL ENGINEERING SHEET LIST

SHEET NUMBER	SHEET TITLE
C-001	COVER SHEET
C-002	SIGNATURE SHEET
C-003	GENERAL NOTES
C-004	UTILITY NOTES
C-101	PRE-DEVELOPMENT PLAN
C-102	POST DEVELOPMENT PLAN
C-103	OVERALL SITE PLAN
C-201	CLEARING AND DEMOLITION PLAN
C-202	CLEARING AND DEMOLITION PLAN
C-301	PAVING AND GEOMETRY PLAN
C-302	PAVING AND GEOMETRY PLAN
C-400	OVERALL GRADING AND DRAINAGE PLAN
C-401	GRADING PLAN
C-402	GRADING PLAN
C-501	DRAINAGE PLAN
C-502	DRAINAGE PLAN
C-601	UTILITY PLAN
C-700	SITE DETAILS
C-701	DRAINAGE DETAILS
C-701A	DRAINAGE DETAILS
C-702	UTILITY DETAILS
C-703	BEST MANAGEMENT PRACTICES DETAILS
C-704	STORMWATER POLLUTION PREVENTION PLAN



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY
ANNA WALLING, P.L.A. ON THIS DATE ADJACENT TO THE SEAL.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED
AND SEALED AND MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

THE ABOVE NAMED PROFESSIONAL LANDSCAPE ARCHITECT SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

LANDSCAPE ARCHITECTURE SHEET LIST

SHEET NUMBER	SHEET TITLE
TM-100	OVERALL TREE MITIGATION PLAN
TM-101	TREE MITIGATION PLAN
TM-102	TREE MITIGATION PLAN
TM-120	TREE MITIGATION CALCULATIONS
TM-150	TREE MITIGATION NOTES & DETAILS
LP-100	OVERALL PLANTING PLAN
LP-101	PLANTING PLAN
LP-150	PLANTING NOTES
LP-151	PLANTING DETAILS
IR-101	IRRIGATION PLAN
IR-102	IRRIGATION CALCULATIONS
IR-150	IRRIGATION NOTES
IR-151	IRRIGATION DETAILS

Printed By: Alex Sheet Sat-RING POWER EXPANSION Layout: C-002 September 17, 2025 02:50:37pm K:\JAX_Civil\045627003 - Ring Power Expansion\Cadd\PlanSheets\C-002 SIGNATURE SHEET.dwg
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Kimley» Horn

FOR ENGINEER OF RECORD SIGNATURE AND SEAL
REFER TO SIGNATURE SHEET C-002

AFRIL 2023
SCALE: AS SHOWN
DESIGNED BY: CRZ
DRAWN BY: MT
CHECKED BY: JWC

SIGNATURE SHEET

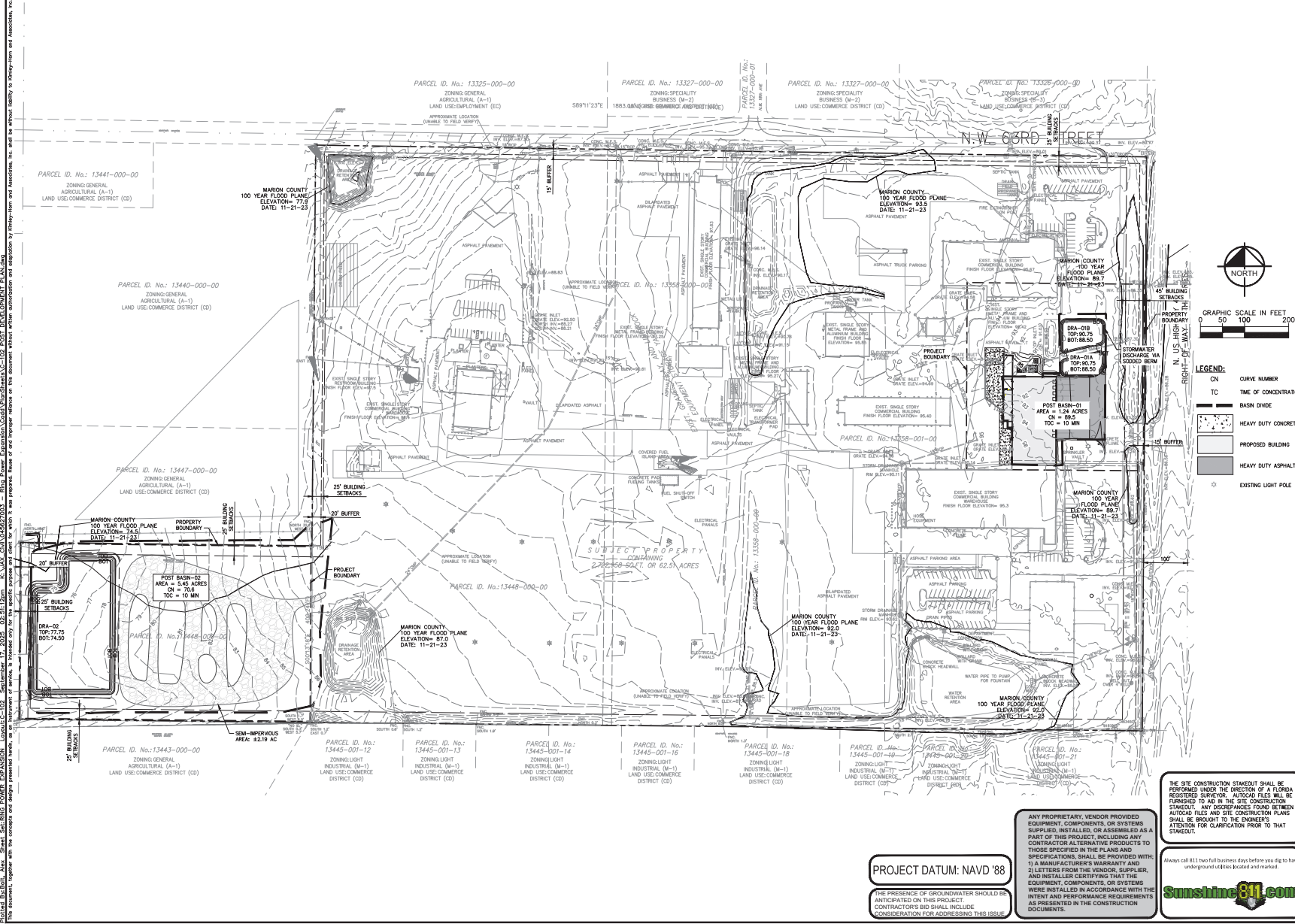
RING POWER EXPANSION
 PREPARED FOR
 RING POWER CORPORATION

ARION COUNTY

SHEET NUMBER
C-002

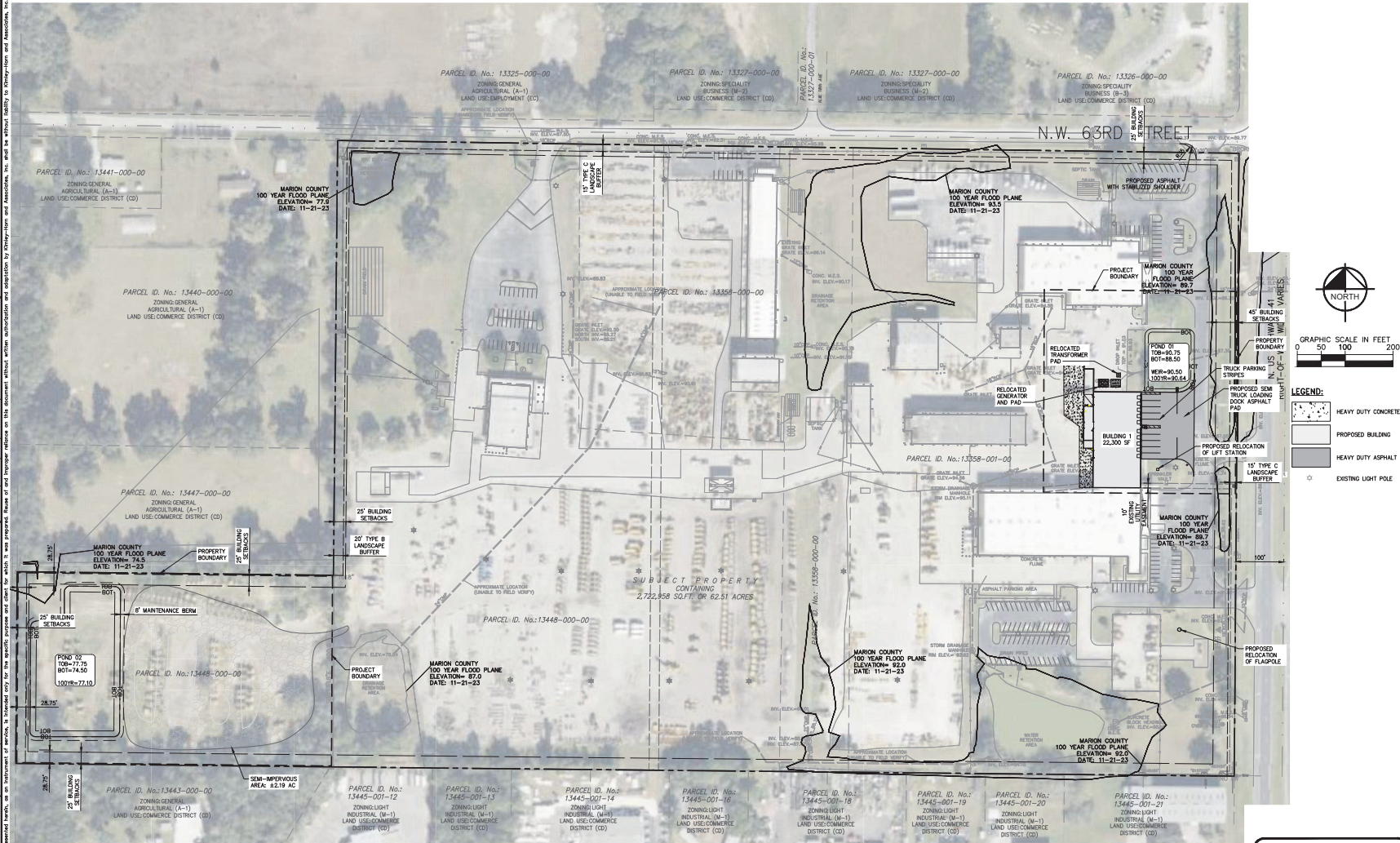
MAJOR SITE PLAN

Plotted By: B. Horn, Date: September 17, 2025, 02:51:12pm, K:\MVA-C-102-SEP25-02-51-12pm - Ring Power Expansion\Color\Sheet\102-POST DEVELOPMENT PLAN.dwg
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FOR ENGINEER OF RECORD SIGNATURE AND SEAL REFER TO SIGNATURE SHEET C-02		KHA PROJECT 045627003		APRIL 2025	
SCALE: AS SHOWN		DESIGNED BY: CRZ		DRAWN BY: CRZ	
CHECKED BY: JWC		FL			
POST DEVELOPMENT PLAN RING POWER EXPANSION PREPARED FOR RING POWER CORPORATION MARION COUNTY		SHEET NUMBER C-102		MARION SITE PLAN	

PLANNED BAYVIEW, Area Sheet SELLING POWER EXPANSION, C-103, September 17, 2025, 02:51:23pm K:\MVA-CMA\045627003 - Ring Power Expansion\City\AreaSheet\C-103 OVERALL SITE PLAN.dwg
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SITE DATA:

PARCEL NUMBER: 13358-001-00, 13358-000-00, 13448-000-00

CURRENT ZONING: ZONING GENERAL AGRICULTURAL (A-1)

DEVELOPMENT STANDARDS:

- MINIMUM LOT AREA: NONE
- MINIMUM LOT WIDTH: 200 FT
- MAXIMUM BUILDING HEIGHT: 50 FT
- MAXIMUM FLOOR RATIO: 0.75
- MINIMUM DIRECT ACCESS: NONE

SETBACKS:

- MINIMUM FRONT SETBACK: 40 FT
- MINIMUM REAR SETBACK: 25 FT
- MINIMUM SIDE SETBACK: 25 FT

ACCESSORY STRUCTURES: GAS PUMPS OR ISLANDS REQUIRE A 25 FEET SETBACK; GAS PUMP CANOPIES MAY PROTRUDE 10 FEET INTO A REQUIRED SETBACK.

GENERAL NOTES:

- ALL ELEMENTS THAT ARE PLACES OF PUBLIC ACCOMMODATIONS AND COMMERCIAL FACILITIES ON THE SITE (INCLUDING ACCESSIBLE ROUTES AND PARKING) SHALL MEET THE REQUIREMENTS OF FLORIDA AMERICANS WITH DISABILITIES ACT, THE CURRENT ADA STANDARDS FOR ACCESSIBLE DESIGN, FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION AND THE FAIR HOUSING ACT, WHEN APPLICABLE.
- ALL DIMENSIONS ARE TO EDGE OF PAVEMENT UNLESS NOTED OTHERWISE.
- ALL ASPHALT REMOVAL SHALL HAVE SAW-CUT EDGES.
- CONTRACTOR TO PROVIDE MAINTENANCE OF TRAFFIC TO THE ADJACENT PARKING SPACES AND DRIVE ROADS.
- ALL TRAFFIC CONTROL, SIGNAL, CONES AND PROTECTIVE BARRIERS SHALL BE PROVIDED BY AND INSTALLED BY THE CONTRACTOR.
- IRRIGATION EXISTING WELLS LOCATED ON-SITE.
- FLOOD PLANE AREAS DEPICTED ARE FROM SURVEY PERFORMED BY MOOREHEAD ENGINEERING COMPANY.

PROJECT DATUM: NAVD '88

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTORS BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

ANY PROPRIETARY, VENDOR PROVIDED EQUIPMENT, COMPONENTS OR SYSTEMS SUPPLIED, INSTALLED, OR ASSEMBLED AS A PART OF THIS PROJECT, INCLUDING ANY CONTRACTOR ALTERNATIVE PRODUCTS TO THOSE SPECIFIED IN THE PLANS AND SPECIFICATIONS, SHALL BE PROVIDED WITH: 1) A MANUFACTURER'S WARRANTY AND 2) LETTERS FROM THE VENDOR, SUPPLIER, AND INSTALLER CERTIFYING THAT THE EQUIPMENT, COMPONENTS, OR SYSTEMS WERE INSTALLED IN ACCORDANCE WITH THE INTENT AND PERFORMANCE REQUIREMENTS AS PRESENTED IN THE CONSTRUCTION DOCUMENTS.

THE SITE CONSTRUCTION STAKEOUT SHALL BE PERFORMED UNDER THE DIRECTION OF A FLORIDA REGISTERED SURVEYOR. AUTOCAD FILES WILL BE FURNISHED TO AND IN THE SITE CONSTRUCTION STAKEOUT. ANY DISCREPANCIES FOUND BETWEEN AUTOCAD FILES AND SITE CONSTRUCTION PLANS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION FOR CLARIFICATION PRIOR TO THAT STAKEOUT.

Always call 811 two full business days before you dig to have underground utilities located and marked.

sunshine811.com

Kimley-Horn

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12740 GAN BAY PARKWAY WEST, SUITE 2500
FORT MYERS, FL 33907
PHONE: 941-429-3000
WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

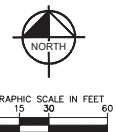
FOR ENGINEER OF RECORD SIGNATURE AND SEAL
REFER TO SIGNATURE SHEET C-02

RMA PROJECT: 045627003
DATE: APRIL 2025
SCALE: AS SHOWN
DESIGNED BY: CHZ
DRAWN BY: MT
CHECKED BY: JWC
FL

OVERALL SITE PLAN
RING POWER EXPANSION
PREPARED FOR
RING POWER CORPORATION
MARION COUNTY

SHEET NUMBER
C-103

DATE: 04/25/2025
REVISIONS

[illegible]

LEGEND:

 HEAVY DUTY CONCRETE

 PARKING SPACE COUNT

NOTES:

1. ALL RADII MEASURED TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
3. FOR PROJECT BENCHMARKS REFER TO SHEET C-103

PROJECT DATUM: NAVD '88

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR SHALL INQUIRE AND MAKE CONSIDERATION FOR ADDRESSING THIS ISSUE.

ANY PROPRIETARY VENDOR PROVIDED EQUIPMENT, COMPONENTS, OR SYSTEMS SUPPLIED, INSTALLED, OR ASSEMBLED AS PART OF THIS PROJECT, INCLUDING ANY CONTRACTOR ALTERNATIVE PRODUCTS TO THOSE SPECIFIED IN THE PLANS AND SPECIFICATIONS, SHALL BE PROVIDED WITH: 1) A MANUFACTURER'S WARRANTY AND 2) LETTERS FROM THE MANUFACTURER, AND/OR INSTALLER CERTIFYING THAT THE EQUIPMENT, COMPONENTS, OR SYSTEMS MEET OR EXCEED THE SPECIFICATIONS, THE INTENT AND PERFORMANCE REQUIREMENTS AND STANDARDS SET FORTH IN THE CONSTRUCTION DOCUMENTS.

THE SITE CONSTRUCTION SURVEY SHALL BE PERFORMED UNDER THE DIRECTION OF A FLORIDA REGISTERED SURVEYOR. AIRCRAFT FILES WILL BE PROVIDED TO THE SURVEYOR. THE SURVEY SHALL BE CONDUCTED IN ACCORDANCE WITH THE STANDARD. ANY DISCREPANCIES FOUND BETWEEN THE SURVEY AND THE SITE COORDINATES SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION FOR CLARIFICATION PRIOR TO THAT SURVEY.

Neely can B17 full business days before you need to go to have underground utilities located and marked.

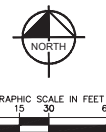
neelycan.com

SHEET NUMBER C-302		PAVING AND GEOMETRY PLAN		KHA PROJECT 045627003		KIMLEY-HORN	
RING POWER EXPANSION		PREPARED FOR RING POWER CORPORATION		APRIL 2025		© 2025 KIMLEY-HORN AND ASSOCIATES, INC. 12742 GRAY BAY PARKWAY WEST, SUITE 2300 PHOENIX 85043-8789 WWW.KIMLEY-HORN.COM REGISTRY No. 37109	
MARION COUNTY		DRAWN BY: CTF		FOR ENGINEER OF RECORD SIGNATURE AND SEAL REFER TO SIGNATURE SHEET C-022		BY	
FL		CHECKED BY: JWC				DATE	
						REVISIONS	
						No.	



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Printed By: Bolt, Alex Sheet Set: KING POWER EXPANSION Layout: C-442 September 17, 2025 02:52:33pm R:\NAX-Civil\454627003 - King Power Expansion\Good\PlanSheets\C-441 GRADING PLAN.dwg



1. FOR PROJECT BENCHMARKS REFER TO SHEET C-103.
2. ALL EXISTING PAVEMENT AND CONCRETE TO BE JOINED SHALL BE SAWCUT.
3. SIDEWALKS SHALL NOT EXCEED 1.95% CROSS SLOPE AND 4.95% LONGITUDINAL SLOPE.
4. CONTRACTOR SHALL NOTE THAT ANY PART OF AN ACCESSIBLE ROUTE CONSTRUCTED WITH A SLOPE GREATER THAN 1:20 SHALL BE CONSIDERED A RAMP AND MUST INCLUDE HANDRAILS IN COMPLIANCE WITH 2012 FLORIDA BUILDING CODE SECTION 405.
5. SPOT ELEVATIONS ARE AT EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
6. STAKE 500 ON ALL SLOPES GREATER THAN 4:1.

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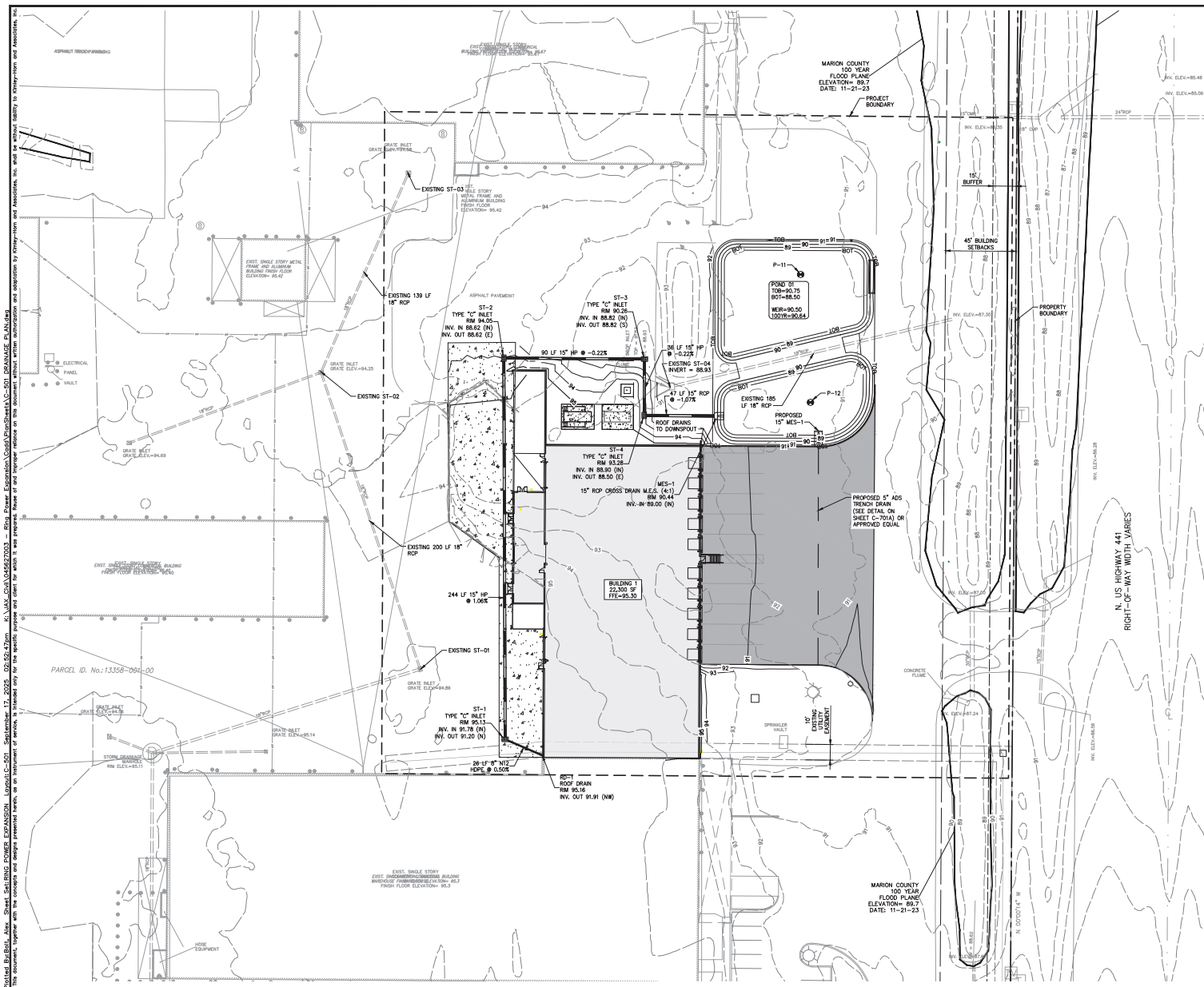
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12740 GRAN BAY PARKWAY WEST, SUITE 2350
JACKSONVILLE, FLORIDA 32256
PHONE: 904-828-3900
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

FOR ENGINEER OF RECORD SIGNATURE AND SEAL
REFER TO SIGNATURE SHEET C-002

KHA PROJECT 045627003	DATE APRIL 2025	SCALE: AS SHOWN	DESIGNED BY: CRZ	DRAWN BY: MT	CHECKED BY: JWC
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GRADING PLAN RING POWER EXPANSION PREPARED FOR RING POWER CORPORATION MARION COUNTY	SHEET NUMBER
	C-402

MAJOR SITE PLAN



GRAPHIC SCALE IN FEET

0 15 30 60

LEGEND:

- EDGE OF PAVEMENT
- TOP OF CURB
- PROPOSED YARD DRAIN
- ▢ PROPOSED MANHOLE
- Ⓢ PROPOSED STORM DRAIN PIPE
- — — EXISTING STORM DRAIN PIPE
- — — EXISTING CONTOUR
- — — EXISTING CONTOUR

- NOTES:**
1. FOR PROJECT BENCHMARKS REFER TO SHEET C-103.
 2. ALL EXISTING PAVEMENT AND CONCRETE TO BE JOINED SHALL BE SAWCUT.
 3. SPOT ELEVATIONS ARE AT EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
 4. STAKE SOD ON ALL SLOPES GREATER THAN 4:1.
 5. CONTRACTOR CAN SUBSTITUTE RCP FOR HDPE PIPE, IF THERE IS NO ADDITIONAL COST.

PROJECT DATUM: NAVD '88

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT.
CONTRACTOR'S BID SHALL INCLUDE

ANY PROPRIETARY, VENDOR PROVIDED EQUIPMENT, COMPONENTS, OR SYSTEMS SUPPLIED, INSTALLED, OR ASSEMBLED AS PART OF THIS PROJECT, INCLUDING ANY CONTRACTOR ALTERNATIVE PRODUCTS TO THOSE SPECIFIED IN THE PLANS AND SPECIFICATIONS, SHALL BE PROVIDED WITH:

- 1) A MANUFACTURER'S WARRANTY AND
- 2) LETTERS FROM THE VENDOR, SUPPLIER, AND INSTALLER CERTIFYING THAT THE EQUIPMENT, COMPONENTS, OR SYSTEMS WERE INSTALLED IN ACCORDANCE WITH THE INTENT AND PERFORMANCE REQUIREMENTS AS PRESENTED IN THE CONSTRUCTION DOCUMENTS.

THE SITE CONSTRUCTION STAKEOUT SHALL BE PERFORMED UNDER THE DIRECTION OF A FLORIDA REGISTERED SURVEYOR. AUTOCAD FILES WILL BE FURNISHED TO AID IN THE SITE CONSTRUCTION STAKEOUT. ANY DISCREPANCIES FOUND BETWEEN AUTOCAD FILES AND SITE CONSTRUCTION PLANS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION FOR CLARIFICATION PRIOR TO THAT STAKEOUT.

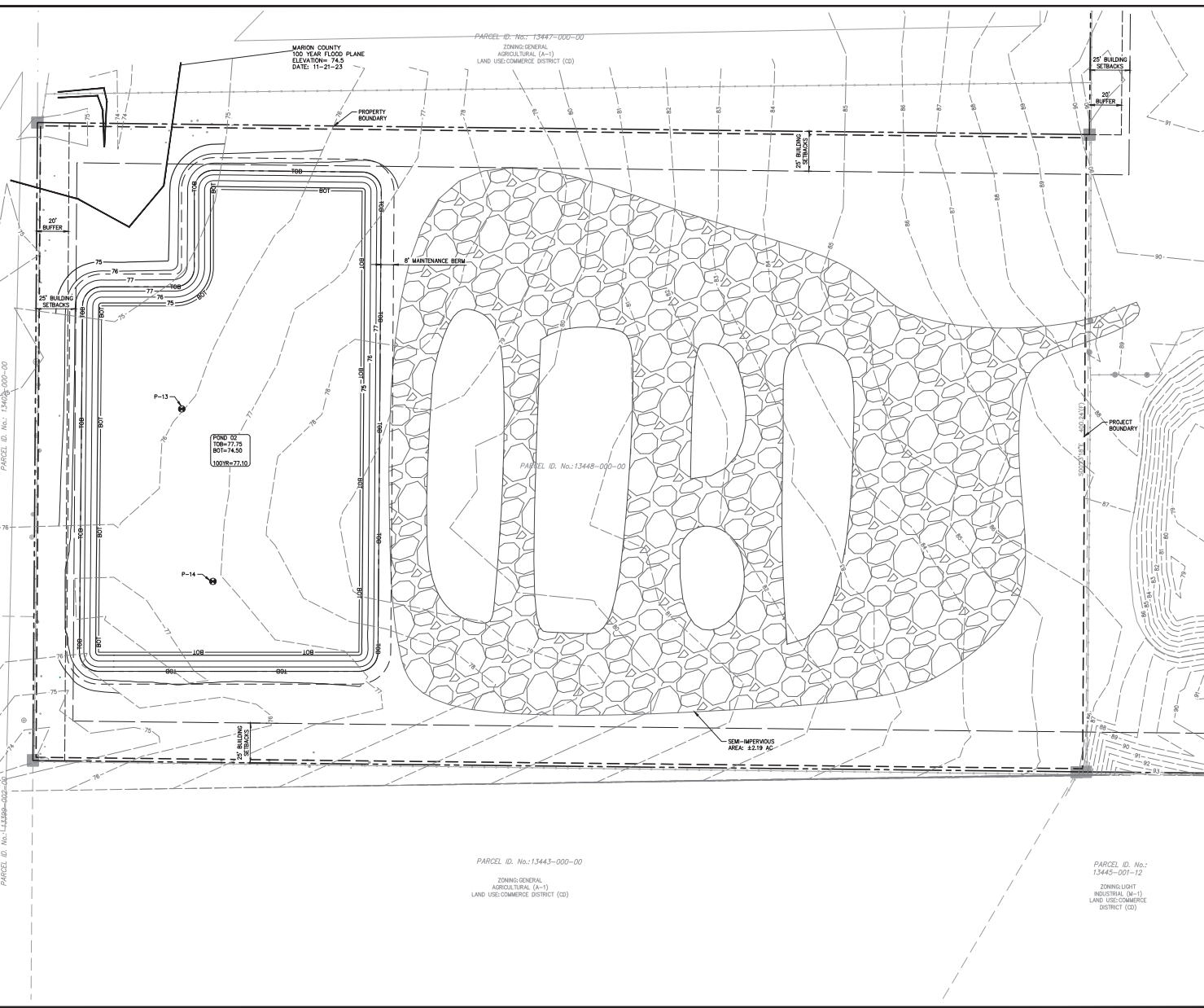
Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com

SHEET NO.	DRAINAGE PLAN		KIM PROJECT 045627003 DATE APRIL 2025 SCALE: AS SHOWN DESIGNED BY: CRZ DRAWN BY: MT CHECKED BY: JWC FL	FOR ENGINEER OF RECORD SIGNATURE AND SEAL REFERN TO SIGNATURE SHEET C-02		 KIMLEY-HORN AND ASSOCIATES, INC. 12142 W. SAND HAVEN AVENUE, SUITE 2500 ADDISON, TEXAS 75001 PHONE 904-829-3900 WWW.KIMLEY-HORN.COM REGISTRY NO. 25156	No. _____ DATE _____ REVISIONS _____ BY _____
	RING POWER EXPANSION PREPARED FOR RING POWER CORPORATION MARION COUNTY						

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Printed By: Bolt, Alex Sheet Set: KING POWER EXPANSION Layout: C-502 September 17, 2025 02:52:50pm R:\NAX-Low\N43627003 - King Power Expansion\Good\Plan\Sheets\C-501 DRAINAGE_PLANDWG



LEGEND

- | | |
|---|---------------------------|
| EP | EDGE OF PAVEMENT |
| TC | TOP OF CURB |
|  | PROPOSED YARD DRAIN |
|  | PROPOSED INLET |
|  | PROPOSED MANHOLE |
|  | PROPOSED STORM DRAIN |
|  | EXISTING STORM DRAIN PIPE |
|  | PROPOSED CONTOUR |
|  | EXISTING CONTOUR |

NOTES

1. FOR PROJECT BENCHMARKS REFER TO SHEET C-103.
2. ALL EXISTING PAVEMENT AND CONCRETE TO BE JOINED SHALL BE SAWCUT.
3. SPOT ELEVATIONS ARE AT EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
4. STAKE SOD ON ALL SLOPES GREATER THAN 4:1.

PROJECT DATUM: NAVD '88

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE

ANY PROPRIETARY, VENDOR PROVIDED EQUIPMENT, COMPONENTS, OR SYSTEMS SUPPLIED, INSTALLED, OR ASSEMBLED AS PART OF THIS PROJECT, INCLUDING ANY CONTRACTOR ALTERNATIVE PRODUCTS TO THOSE SPECIFIED IN THE PLANS AND SPECIFICATIONS, SHALL BE PROVIDED WITH:

- 1) A MANUFACTURER'S WARRANTY AND
- 2) LETTERS FROM THE VENDOR, SUPPLIER, AND INSTALLER CERTIFYING THAT THE EQUIPMENT, COMPONENTS, OR SYSTEMS WERE INSTALLED IN ACCORDANCE WITH THE INTENT AND PERFORMANCE REQUIREMENTS AS PRESENTED IN THE CONSTRUCTION DOCUMENTS.

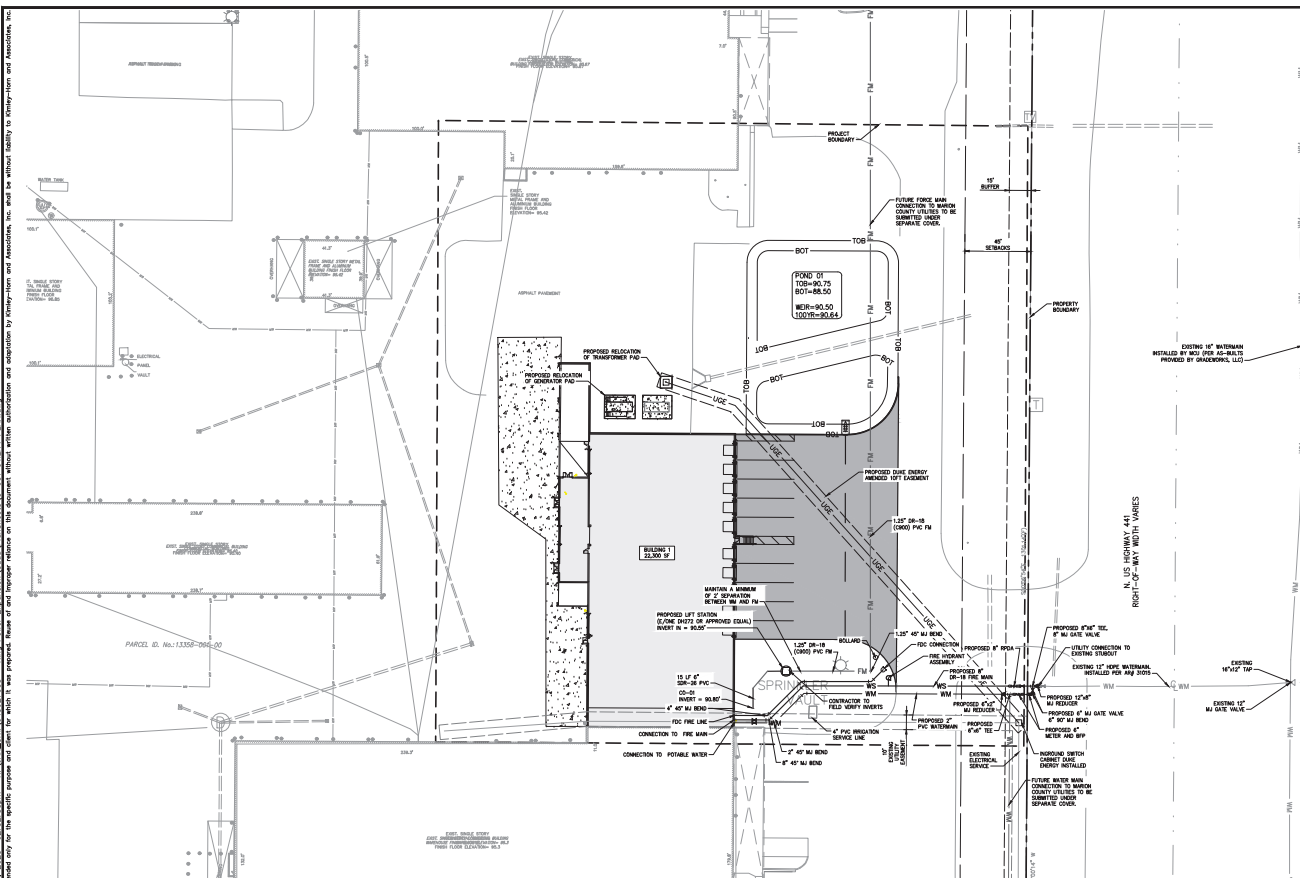
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Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com

[illegible]

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LEGEND:

- FM — EXISTING FORCE MAIN
- WM — EXISTING WATER MAIN
- BM — EXISTING BURIED FIRE/OTIC
- FM — EXISTING FIRE SUPPLY LINE
- WM — PROPOSED WATER MAIN
- FM — PROPOSED ROOSTED WATER SUPPLY MAIN (FIRE)
- WM — PROPOSED ROOSTED WATER SUPPLY MAIN (FIRE)
- FM — PROPOSED RECLAIMED WATER MAIN
- SS — PROPOSED GRAVITY SANITARY SEWER
- FM — PROPOSED FORCE MAIN

- NOTES:**
1. FOR PROJECT BENCHMARKS REFER TO SHEET C-103
 2. ALL BACKFLOW PREVENTORS SHALL BE IN ACCORDANCE WITH MARION COUNTY UTILITIES CROSS CONNECTION PROGRAM. BACKFLOW PREVENTORS MUST BE TESTED AFTER INSTALLATION BY A CERTIFIED TESTER AND ANNUALLY THEREAFTER. BACKFLOW PREVENTORS ON FIRE LINES OR COMBINATION FIRE/POTABLE MAINS SHALL HAVE FREEZE PROTECTION.
 3. A PRE-CONSTRUCTION CONFERENCE IS REQUIRED AND SHALL BE SCHEDULED IN ADVANCE THROUGH THE MARION COUNTY ON-LINE MEETING PORTAL.
 4. BUILDING FIRE PROTECTION TO BE SERVICED BY FUTURE FIREMAN WITHIN U.S. HIGHWAY 441 RIGHT OF WAY.
 5. KNOW BOX WILL BE INSTALLED FOR THE FIRE SPRINKLER AND ALARM SYSTEM NEAR THE FRONT DOOR, 6 FEET FROM FLOOR LEVEL AND 2 FEET LEFT OF THE DOOR.
 6. NEW HYDRANTS SHALL BE INSTALLED, TESTED, AND PAINTED PER NFPA 291, BY A THIRD PARTY CONTRACTOR AND WITNESSED BY A MARION COUNTY FIRE INSPECTOR.

PROJECT DATUM: NAVD '88

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

ANY PROPRIETARY, VENDOR PROVIDED EQUIPMENT, COMPONENTS, OR SYSTEMS SUPPLIED, INSTALLED, OR ASSEMBLED AS A PART OF THIS PROJECT, INCLUDING ANY CONTRACTOR ALTERNATIVE PRODUCTS TO THOSE SPECIFIED IN THE PLANS AND SPECIFICATIONS, SHALL BE PROVIDED WITH: 1) A MANUFACTURER'S WARRANTY AND 2) LETTERS FROM THE VENDOR, SUPPLIER, AND INSTALLER CERTIFYING THAT THE EQUIPMENT, COMPONENTS, OR SYSTEMS WERE INSTALLED IN ACCORDANCE WITH THE INTENT AND PERFORMANCE REQUIREMENTS AS PRESENTED IN THE CONSTRUCTION DOCUMENTS.

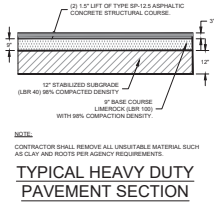
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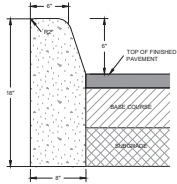
Kimley»Horn	
FOR ENGINEER OF RECORD SIGNATURE AND SEAL	
REFER TO SIGNATURE SHEET C-102	
MARION COUNTY UTILITIES CROSS CONNECTION PROGRAM	
REGISTERED PROFESSIONAL ENGINEER	
RING POWER CORPORATION	
MARION COUNTY	
MAJOR SITE PLAN	
SHEET NUMBER	
C-601	
DATE	
APRIL 2025	
SCALE: AS SHOWN	
DESIGNED BY: CRZ	
DRAWN BY: MT	
CHECKED BY: JMC	
REVISIONS	
No.	
DATE	
BY	

Plotted By: BJA, Date: Sheet: SELLING POWER EXPANSION, LAYOUT C-700, September 17, 2025, 02:43:02pm, K:\JAY_Civil\045627003 - Ring Power Expansion\Cost\Drawings\LA C-700 SITE DETAILS.dwg
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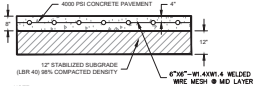


NOTE:
CONTRACTOR SHALL REMOVE ALL UNSUITABLE MATERIAL SUCH AS CLAY AND ROOTS PER AGENCY REQUIREMENTS.

TYPICAL HEAVY DUTY PAVEMENT SECTION

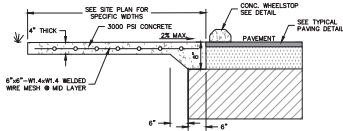


ALL CONCRETE SHALL BE 3000 PSI
TYPE \"D\" CURB
FIGH022A.DWG N.T.S.



NOTE:
1. CONTRACTOR SHALL REMOVE ALL UNSUITABLE MATERIAL SUCH AS CLAY AND ROOTS PER AGENCY REQUIREMENTS.
2. CONCRETE JOINTS SHALL BE INSTALLED PER FOOT INDEX NO. 3000PSI

HEAVY DUTY CONCRETE SECTION

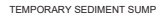


FLUSH SIDEWALK AND PAVEMENT SECTION
FIGH004A.DWG N.T.S.

SITE DETAILS		KHA PROJECT 045627003	FOR ENGINEER OF RECORD SIGNATURE AND SEAL REFER TO SIGNATURE SHEET C-02		REVISIONS	
RING POWER EXPANSION PREPARED FOR RING POWER CORPORATION		DATE APRIL 2025	© 2025 KIMLEY-HORN AND ASSOCIATES, INC. 12740 GRAN BAY PARKWAY WEST, SUITE 200 JACKSONVILLE, FL 32218 PHONE: 904-429-3000 WWW.KIMLEY-HORN.COM REGISTRY No. 35106		DATE	
MARION COUNTY		DESIGNED BY: CRZ	FL		BY	
SHEET NUMBER C-700		DRAWN BY: MT	JWC			

MAJOR SITE PLAN

MAJOR SITE PLAN



Kimley»»Horn
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22740 GRAND BAY PARKWAY WEST, SUITE 2350
JACKSONVILLE, FLORIDA 32256
PHONE: 904-828-3900
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

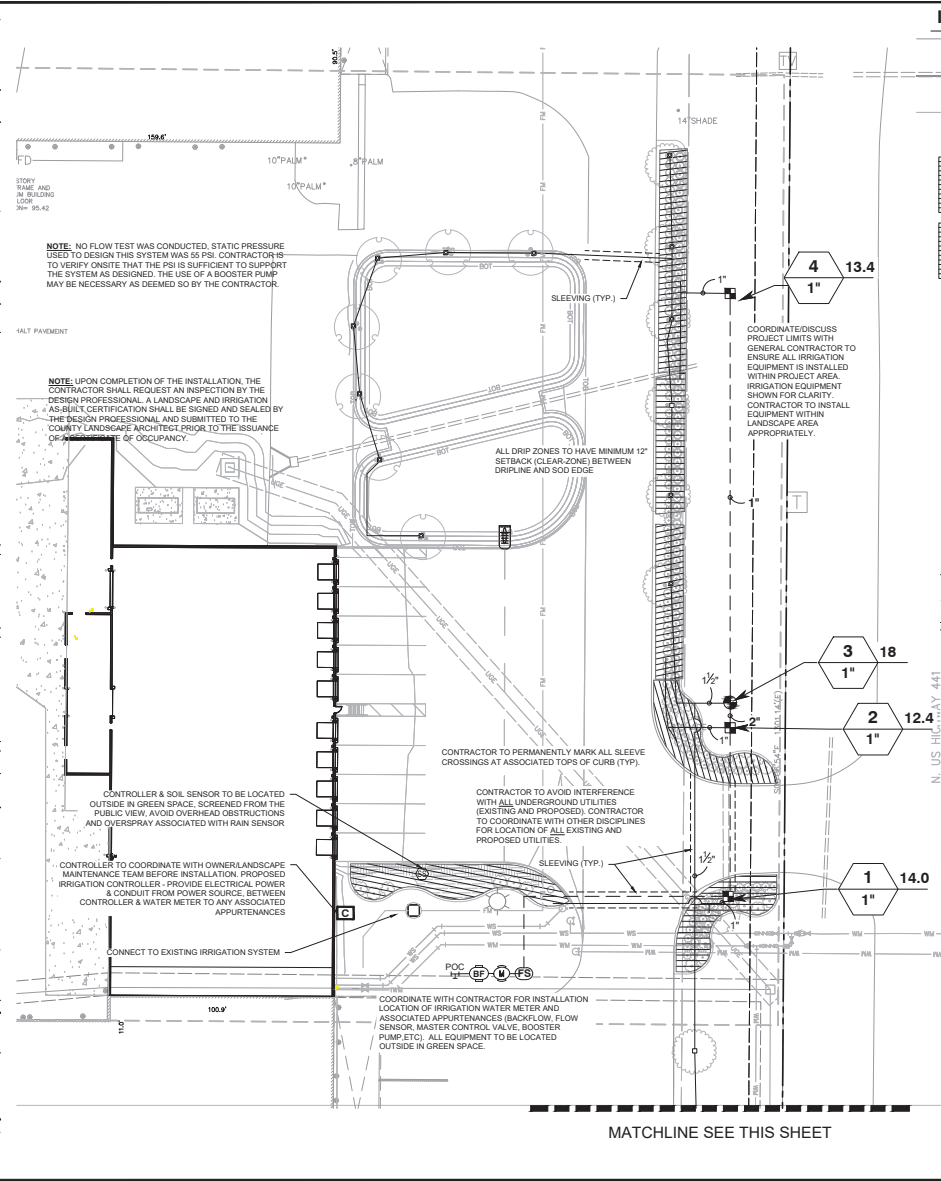
KHA PROJECT 045627003
DATE APRIL 2025
SCALE: AS SHOWN
DESIGNED BY: CRZ
DRAWN BY: MT
CHECKED BY: JWC

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Noted by: BOB, Alex Steel
 Layout C-104
 September 17, 2025 02:53:31pm
 K:\NAO Civil\045627003 - King Power Expansion\Good\Plans\Sheets\C-104 STORMWATER POLLUTION PREVENTION PLAN.dwg

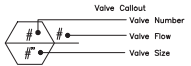
SHEET NUMBER		C-704	
STORMWATER POLLUTION PREVENTION PLAN			
RING POWER EXPANSION			
INTERSECTION			
RING POWER CORPORATION			
MARION COUNTY			
FL			
DRAWN BY: JMC			
CHECKED BY: JMC			
DATE: APRIL 2025			
SCALE: AS SHOWN			
DESIGNED BY: CRZ			
FOR ENGINEER OF RECORD SIGNATURE AND SEAL			
REFER TO SIGNATURE SHEET C-02			
KIM PROJECT			
045627003			
DATE			
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FOR ENGINEER OF RECORD SIGNATURE AND SEAL			
REFER TO SIGNATURE SHEET C-02			
KIM PROJECT			
045627003			
DATE			
APRIL 2025			

THIS DOCUMENT, TOGETHER WITH THE CONTRACT AND ALL ADDENDUMS, IS AN INSTRUMENT OF SERVICE. IT IS HEREBY CERTIFIED THAT THE DESIGNER HAS PREPARED THIS DOCUMENT FOR THE SPECIFIC PURPOSE AND OBJECT FOR WHICH IT WAS PREPARED. REUSE OF THIS DOCUMENT FOR ANY OTHER PROJECT OR PURPOSE WITHOUT THE WRITTEN CONSENT OF THE DESIGNER IS STRICTLY PROHIBITED. ANY REUSE OF THIS DOCUMENT FOR ANY OTHER PROJECT OR PURPOSE WITHOUT THE WRITTEN CONSENT OF THE DESIGNER IS STRICTLY PROHIBITED.

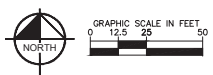


IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
	HUNTER RCB-R FLOOD BUBBLER, 1/2IN. FIPT. WITH PURPLE CAP FOR RECLAIMED WATER USE.	1	15
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
	RAIN BIRD KCZ-100-PRF MEDIUM FLOW DRIP CONTROL KIT, 1IN. DV VALVE, 1IN. PRESSURE REGULATING FILTER, 40PSI PRESSURE REGULATOR. 5 GPM-20 GPM.	3	
	AREA TO RECEIVE DRIPLINE RAIN BIRD XFD-04-12 XTD ON-SURFACE PRESSURE COMPENSATING LANDSCAPE DRIPLINE. 0.4 GPH EMITTERS AT 12" O.C. DRIPLINE LATERALS SPACED AT 12" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN. UV RESISTANT. SPECIFY XF INSERT FITTINGS.	786.8 L.F.	
	AREA TO RECEIVE DRIPLINE RAIN BIRD XFD-04-12 (2) XTD ON-SURFACE PRESSURE COMPENSATING LANDSCAPE DRIPLINE. 0.4 GPH EMITTERS AT 12" O.C. DRIPLINE LATERALS SPACED AT 12" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN. UV RESISTANT. SPECIFY XF INSERT FITTINGS.	5,367 L.F.	
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
	HUNTER ICV-G-BSP (3) 1IN. 1-1/2IN. 2IN. AND 3IN. PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH BSP THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE.	1	
	HUNTER IBV (2) 1" 1IN. 1-1/2IN. 2IN. AND 3IN. BRASS ELECTRIC MASTER VALVE, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE.	1	
	FEBCO B25Y 1" REDUCED PRESSURE BACKFLOW PREVENTER	1	
	HUNTER HC-12 12 STATION CONTROLLER WITH WI-FI CONNECTION	1	
	HUNTER SOIL-CLICK THE SOIL-CLICK PROBE USES PROVEN TECHNOLOGY TO MEASURE MOISTURE WITHIN THE ROOT ZONE. WHEN THE PROBE SENSES THAT THE SOIL HAS REACHED ITS DESIRED MOISTURE LEVEL, IT WILL SHUT DOWN IRRIGATION, PREVENTING WATER WASTE.	1	
	HUNTER HC-100-FLOW (2) 1IN. FLOW METER FOR USE WITH HYDRAWISE ENABLED CONTROLLER TO MONITOR FLOW AND PROVIDE SYSTEM ALERTS. ALSO FUNCTIONS AS STAND ALONE FLOW TOTALIZER/SUB METER ON ANY RESIDENTIAL OR COMMERCIAL IRRIGATION SYSTEM.	1	
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21	1,065 L.F.	
	IRRIGATION MAINLINE: PVC CLASS 200 SDR 21	416.9 L.F.	
	PIPE SLEEVE: PVC SCHEDULE 40	107.5 L.F.	



MATCHLINE SEE THIS SHEET

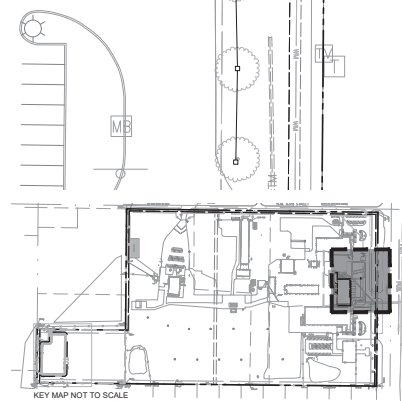


CALL 2 WORKING DAYS BEFORE YOU DIG

IT'S THE LAW DIAL 811

Know what's below. Call before you dig.

SUNSHINE STATE ONE CALL OF FLORIDA, INC.



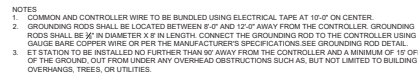
KIMLEY-HORN	
2024 KIMLEY-HORN AND ASSOCIATES, INC. 12745 W. UNIVERSITY BLVD., SUITE 200 JACKSONVILLE, FLORIDA 32218 WWW.KIMLEY-HORN.COM REGISTRY NO. 30108	
FOR ENGINEER OF RECORD SIGNATURE AND SEAL REFER TO SIGNATURE SHEET C-002	FOR PROJECT DATE: SEPT. 2025 SCALE: AS SHOWN DESIGNED BY: HHA DRAWN BY: HEM CHECKED BY: MAJ
OVERALL IRRIGATION PLAN RING POWER OCALA	FLORIDA MARION COUNTY SHEET NUMBER IR-101
MAJOR SITE PLAN	DATE BY

1	RAIN BIRD XCZ-100-PRF	1"	AREA FOR DRIPLINE	14.0	213.1	46.0	60.8	0.64 in/h
2	RAIN BIRD XCZ-100-PRF	1"	AREA FOR DRIPLINE	12.88	288.2	44.4	59.6	0.64 in/h
3	HUNTER ICV-G-BSP (3)	1"	BUBBLER	18	299.4	20.0	34.9	3.4 in/h
4	RAIN BIRD XCZ-100-PRF	1"	AREA FOR DRIPLINE	12.82	481.3	34.6	54.3	0.64 in/h
	Common Wire				424.1			

SHEET NUMBER
IR-102

MAJOR SITE PLAN

MAJOR SITE PLAN

[illegible]

Kimley»Horn
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12740 KIM BAY PARKWAY WEST, SUITE 2350
JACKSONVILLE, FLORIDA 32256
PHONE: 904-628-3900
WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

FOR ENGINEER OF RECORD SIGNATURE AND SEAL
REFER TO SIGNATURE SHEET C-002

KHA PROJECT 045627003	DATE SEPT. 2025	SCALE: AS SHOWN	DESIGNED BY: KHA	DRAWN BY: HEM	CHECKED BY: MAJ
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OVERALL IRRIGATION DETAILS

SHEET NUMBER
IR-151

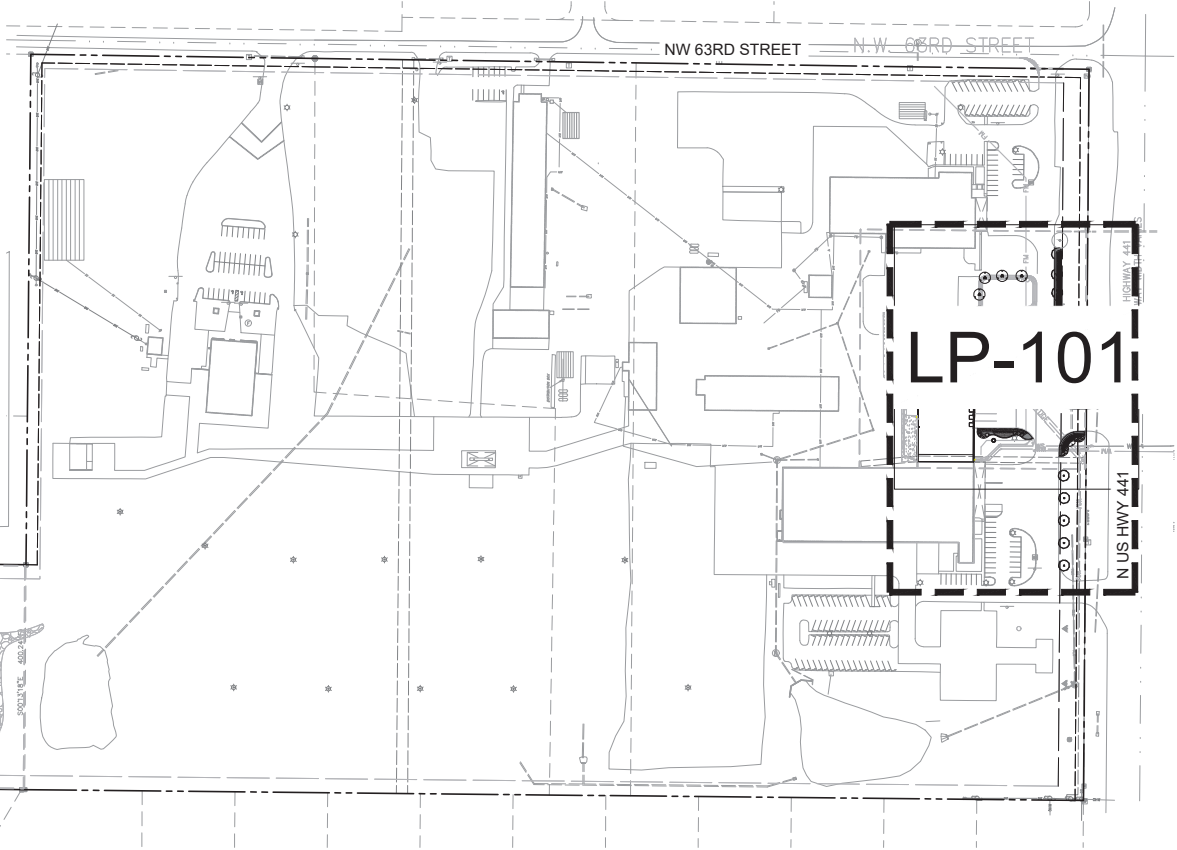
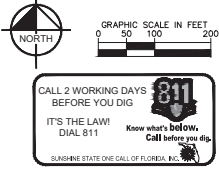
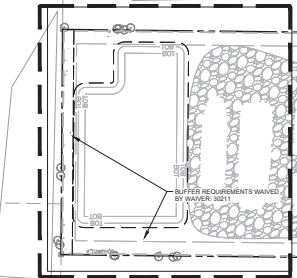
	MARION COUNTY	FLORIDA
MAJOR SITE PLAN		

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LANDSCAPE CALCULATIONS		
PER MARION COUNTY LAND DEVELOPMENT CODE		
	REQUIRED	PROVIDED
PARKING AREAS AND VEHICULAR USE AREAS	2" MIN. MIN. LANDSCAPED AREA AROUND PERIMETER OF PARKING LOT AREA.	PERIMETER OF PARKING LOT IS COMPLETELY LANDSCAPED WITH SHRUBS AND GROUNDCOVERS.
SECTION 6.8.7	SHADE TREES PER PARKING ISLAND, 2 SHADE TREES REQUIRED PER DOUBLE LOADED PARKING ISLANDS. PARKING ISLANDS SHALL BE COMPLETELY PLANTED WITH SHRUBS OR GROUNDCOVERS, TURFGRASS IS PROHIBITED.	SHADE TREES ARE PROVIDED IN ALL PARKING ISLANDS. ALL PARKING ISLANDS ARE PLANTED WITH SHRUBS AND/OR GROUNDCOVERS.
NATIVE PLANT REQUIREMENTS	25% OF ALL PROPOSED PLANT QUANTITIES, EXCLUDING TURF GRASS, SHALL BE FLORIDA NATIVE SPECIES SUITABLE FOR USE IN MARION COUNTY. 50% OF REQUIRED SHADE TREES SHALL BE FLORIDA NATIVE SPECIES SUITABLE FOR MARION COUNTY. NO MORE THAN 50% OF REQUIRED SHADE TREES SHALL BE OF ONE SPECIES.	61% OF PLANT SPECIES SELECTION IS FLORIDA NATIVE AND SUITABLE FOR MARION COUNTY. 100% OF SHADE TREES PROPOSED ARE NATIVE. NO PROPOSED SHADE TREES EXCEED OVER 50% OF TOTAL SPECIES.
SECTION 6.8.10		

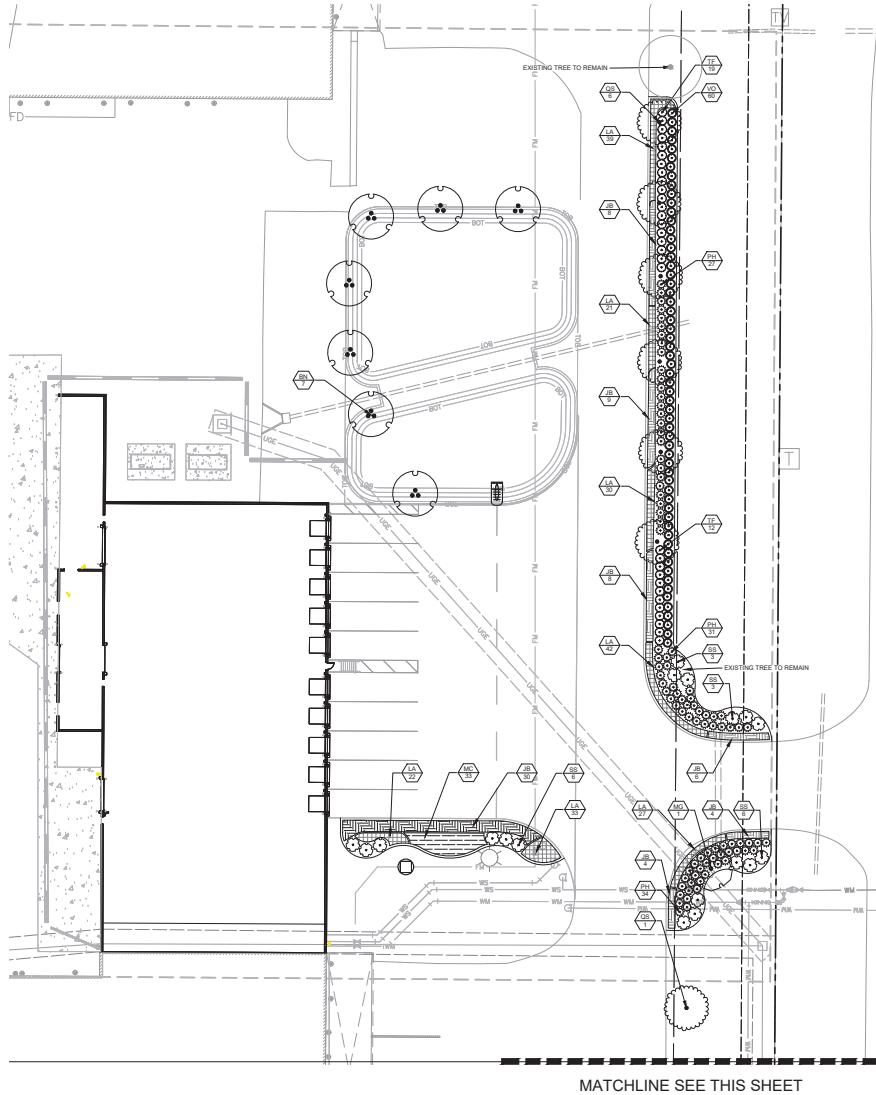
TOTAL TREE CALCULATION REQUIRED FOR SITE	
LDC SEC. 6.7.4	
East Redevelopment Area	
Site Shade Trees Required: 1/3,000 SF	14 Shade Trees
Calculation: 42,500 SF of Redeveloped Area / 3,000 SF = 14 Shade Trees	
East Site Shade Trees Provided	19 Shade Trees Proposed + 5 Existing Trees
West Redevelopment Area	
Site Shade Trees Required: 1/3,000 SF	30 Shade Trees
Calculation: 90,950 SF of Redeveloped Area / 3,000 SF = 30 Shade Trees	
West Site Shade Trees Provided	43 Existing Trees

Non-Residential Development Landscape Area	
LDC SEC. 6.8.4	
East Redevelopment Area	
20% of developed area to be landscaped.	8,500 SF
Calculation: 42,500 SF of Redeveloped Area x 20% = 8,500 SF	
East Landscape Area Provided	8,500 SF +
West Redevelopment Area	
20% of developed area to be landscaped.	18,190 SF
Calculation: 90,950 SF of Redeveloped Area x 20% = 18,190 SF	
West Landscape Area Provided	90,950 SF



OVERALL PLANTING PLAN		SHEET NUMBER	
RING POWER Ocala		LP-100	
MARION COUNTY		FLORIDA	
MAJOR SITE PLAN			
FOR ENGINEER OF RECORD SIGNATURE AND SEAL		REFER TO SIGNATURE SHEET C-002	
Kimley-Horn		8 2024 KIMLEY-HORN AND ASSOCIATES, INC. 12745 UNIVERSITY BLVD., SUITE 2000 JACKSONVILLE, FLORIDA 32218-2000 WWW.KIMLEY-HORN.COM REGISTRY NO. 30108	
KIM PROJECT 104-0005		DATE: SEPT. 2025	
SCALE: AS SHOWN		DESIGNED BY: KHA	
DRAWN BY: KHA		CHECKED BY: MAJ	
REVISIONS		DATE	
BY			

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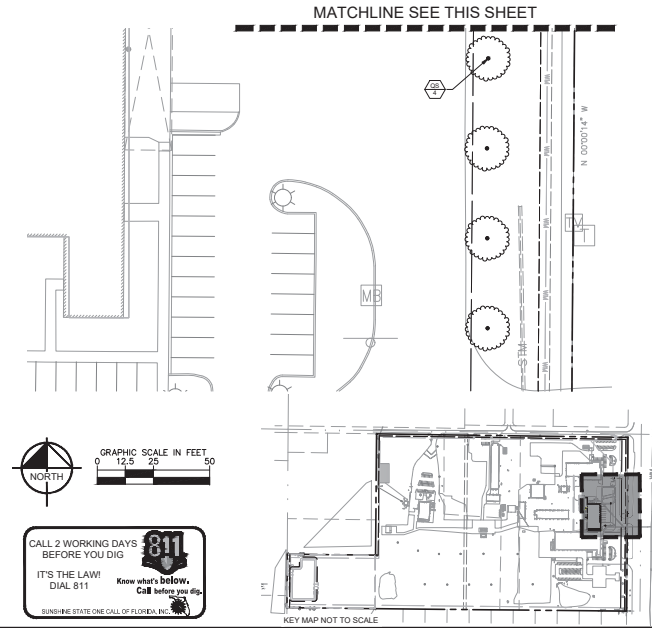


PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	CAL.	HEIGHT
TREES							
	BN	7	BETULA NIGRA	RIVER BIRCH MULTI-TRUNK	CONT.	5" MULTI-TRUNK, 3 CANE MIN.	12'-14' HT MIN
	MG	1	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	CONT.	4" CAL MIN	12' - 14' MIN.
	QS	11	QUERCUS VIRGINIANA 'SKY CLIMBER'	SKY CLIMBER SOUTHERN LIVE OAK	CONT.	4" CAL MIN	12' - 14' MIN.
SHRUBS							
	PH	92	PENNYSTEM ALOPECUROIDES 'HAMELI'	HAMELI FOUNTAIN GRASS	3 GAL.	18" FULL	24" O.C.
	SS	18	SABAL REPENS	SAW PALMETTO	3 GAL.	18" FULL	36" O.C.
	TF	31	TRIPACUM DACTYLOIDES	FABIANCHIE GRASS	3 GAL.	24" FULL	48" O.C.
	VO	60	VIBURNUM OBOVATUM	WALTER'S VIBURNUM	3 GAL.	12" FULL	36" O.C.
SHRUB AREAS							
	MC	33	MULLENBERGIA CAPILLARIS	PINK MULLENBERGIA	CONT.	18" FULL	36" O.C.
GROUND COVERS							
	R	69	JUNIPERUS HORIZONTALIS 'BLUE RUG'	BLUE RUG JUNIPER	1 GAL.	12"X12"	48" O.C.
	LA	214	LIRIOPE MUSCARI 'AZTEC'	AZTEC LIRIOPE	CONT.	12" FULL	24" O.C.

NOTE: 60% BUILDING FRONTAGE REQUIREMENT NOT MET BECAUSE OF SITE CONDITIONS. WAIVER APPROVED WITH THE PROPOSAL OF A 15 FT BUFFER ALONG HWY 441.

NOTE: 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.



Kimley-Horn
8 2024 KIMLEY-HORN AND ASSOCIATES, INC.
12745 W. UNIVERSITY BLVD., SUITE 2000
JACKSONVILLE, FLORIDA 32218
WWW.KIMLEY-HORN.COM REGISTRY NO. 30108

FOR ENGINEER OF RECORD SIGNATURE AND SEAL
REFER TO SIGNATURE SHEET C-002

KIMLEY-HORN PROJECT NO. 24-0003
DATE: SEPT. 2025
SCALE: AS SHOWN
DESIGNED BY: KHA
DRAWN BY: KHA
CHECKED BY: MAJ

OVERALL PLANTING PLAN
RING POWER OCALA
MARION COUNTY
FLORIDA

SHEET NUMBER
LP-101

MAJOR SITE PLAN

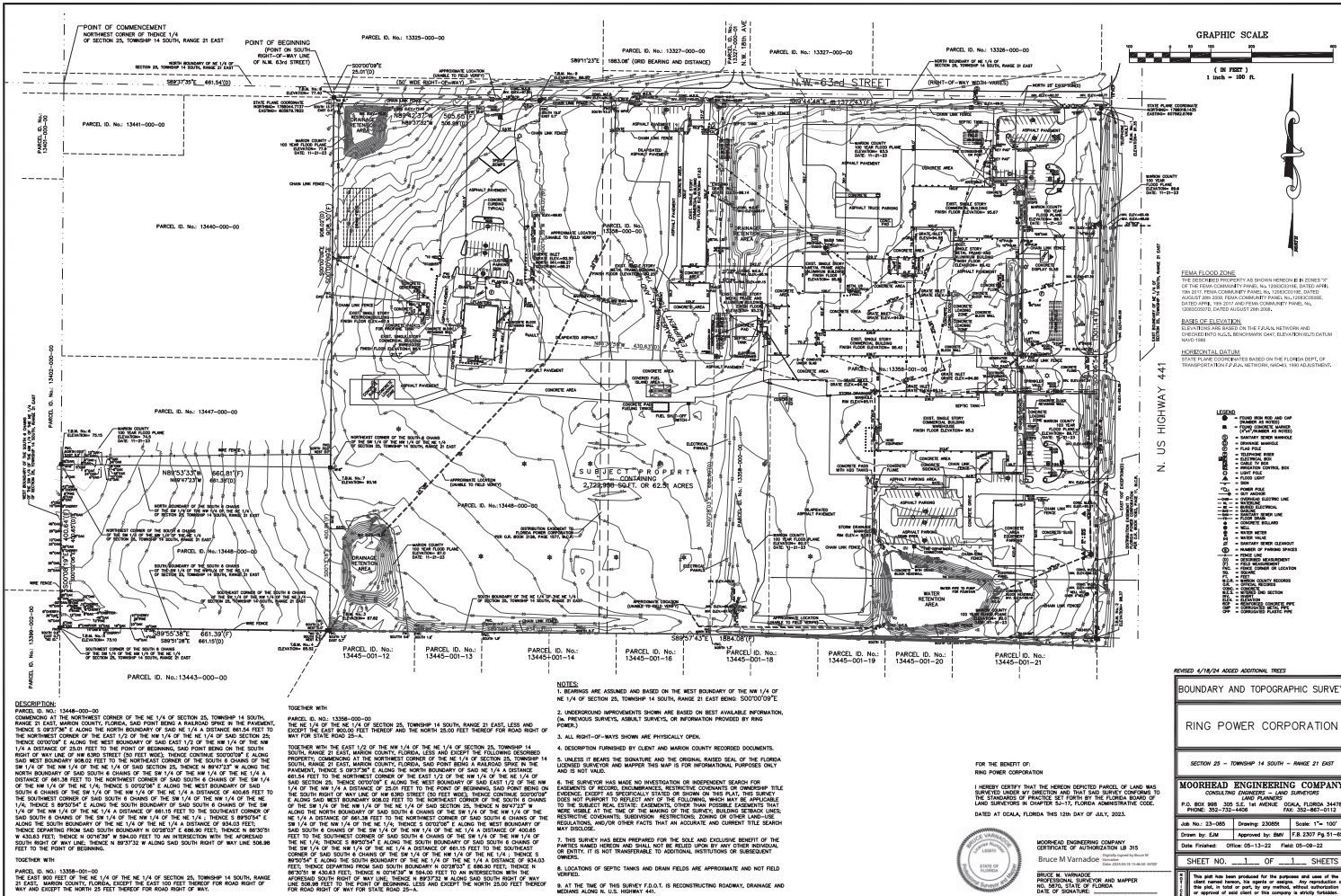
TYPICAL PLANTING NOTES										DATE		REVIEWS		No.	DATE	BY			
TYPICAL PLANTING NOTES										DATE		REVIEWS							
A. SCOPE OF WORK																			
1. THE WORK CONSISTS OF OBTAINING ALL APPLICABLE PERMITS, FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, AND ANY OTHER ANTIPOBILITIES NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THE DRAWINGS, AS INCLUDED IN THE PLANT LIST, AND AS SPECIFIED HEREIN.																			
2. WORK SHALL INCLUDE MAINTENANCE AND WATERING OF ALL CONTRACT PLANTING AREAS UNTIL CERTIFICATION OF ACCEPTANCE BY THE OWNER.																			
B. PROTECTION OF EXISTING STRUCTURES																			
1. ALL EXISTING BUILDINGS, DRIVEWAYS, PAVING, PIPING, OTHER SITE CONSTRUCTION ITEMS, AND PLANTING AREAS TO BE COMPLETED OR ESTABLISHED AND DESIGNATED TO REMAIN SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL DAMAGE RESULTING FROM NEGLIGENCE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER, AT NO COST TO THE OWNER.																			
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL NECESSARY BMP DEVICES ACCORDING TO ALL REGULATORY AGENCIES STANDARDS THROUGHOUT THE DURATION OF ALL CONSTRUCTION ACTIVITIES.																			
3. THE CONTRACTOR SHALL SUBMIT A DETAILED PROJECT SPECIFIC WORK ZONE TRAFFIC CONTROL PLAN UNLESS THE WORK REQUIRES MORE THAN A DIRECT APPLICATION OF THE DEPARTMENT OF TRANSPORTATION (DOT) DESIGN STANDARDS. IF A DIRECT APPLICATION OF THE STANDARDS IS PROPOSED, THE CONTRACTOR SHALL SUBMIT A WRITING A STATEMENT NEGOTIATING THE STANDARD ROAD AND ROAD NUMBER NO LESS THAN 1 BUSINESS DAY PRIOR TO START OF CONSTRUCTION. WHEN A DIRECT APPLICATION OF DOT STANDARDS IS NOT ACCEPTABLE, A PROJECT SPECIFIC WORK ZONE TRAFFIC CONTROL PLAN SHALL BE PREPARED BY A PROFESSIONAL ENGINEER WHO HAS SUFFICIENTLY COMPLETED ADVANCED TRAINING IN MAINTENANCE OF TRAFFIC AS REQUIRED BY DOT FOR APPROVAL BY THE COUNTY ENGINEER'S REPRESENTATIVE.																			
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES, WHETHER PUBLIC OR PRIVATE, PRIOR TO EXCAVATION. THE INFORMATION AND DATA SHOWN WITH RESPECT TO EXISTING UNDERGROUND FACILITIES AT OR CONTIGUOUS TO THE SITE IS APPROXIMATE AND BASED ON INFORMATION FURNISHED BY THE OWNER. SUCH UNDERGROUND FACILITIES MAY BE LOCATED BY ELECTRICAL, MECHANICAL, AND/OR OTHER MEANS. THE CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR REMOVING, REPAIRING, AND/OR RELOCATING ANY UNDERGROUND FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY AND PROTECTION THEREOF. REPAIRING ANY DAMAGE THEREAFTER RESULTING FROM THE WORK. THE COST OF ALL WILL BE CONSIDERED AS HAVING BEEN INCLUDED IN THE CONTRACT PRICE. THE CONTRACTOR SHALL NOTIFY ANY AFFECTED UTILITY COMPANIES OR AGENCIES IN WRITING AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.																			
5. NOTIFY THE OWNER IMMEDIATELY IF ANY DAMAGES OCCUR TO EXISTING TREES.																			
6. CALL ONE (ONE) 811 TO LOCATE UTILITIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.																			
C. PROTECTION OF EXISTING PLANT MATERIALS																			
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO TREES AND SHRUBS EXISTING ON OR ADJACENT TO THE PROJECT SITE. UNLESS OTHERWISE SPECIFIED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING PLANT MATERIALS FROM DAMAGE BY DRIVING OR PARKING NEAR THE DRIVE LINE AND SPILLING OIL, GASOLINE, OR OTHER DESTRUCTIVE MATERIALS WITHIN THE DRIVE LINE. NO MATERIALS SHALL BE BURNED ON SITE.																			
2. SEE TREE TRIMMING PLAN AND NOTES.																			
D. MATERIALS																			
1. GENERAL																			
MATERIAL SAMPLES LISTED BELOW SHALL BE SUBMITTED FOR APPROVAL, ON OR AS DETERMINED BY THE OWNER UPON APPROVAL, EVIDENCE OF MATERIALS MAY BE COMPLETED.																			
MATERIAL SAMPLE SITE																			

12740 GRANI BAY PARKWAY WEST, SUITE 2360
JACKSONVILLE, FLORIDA 32258
PHONE: 904-828-3900
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

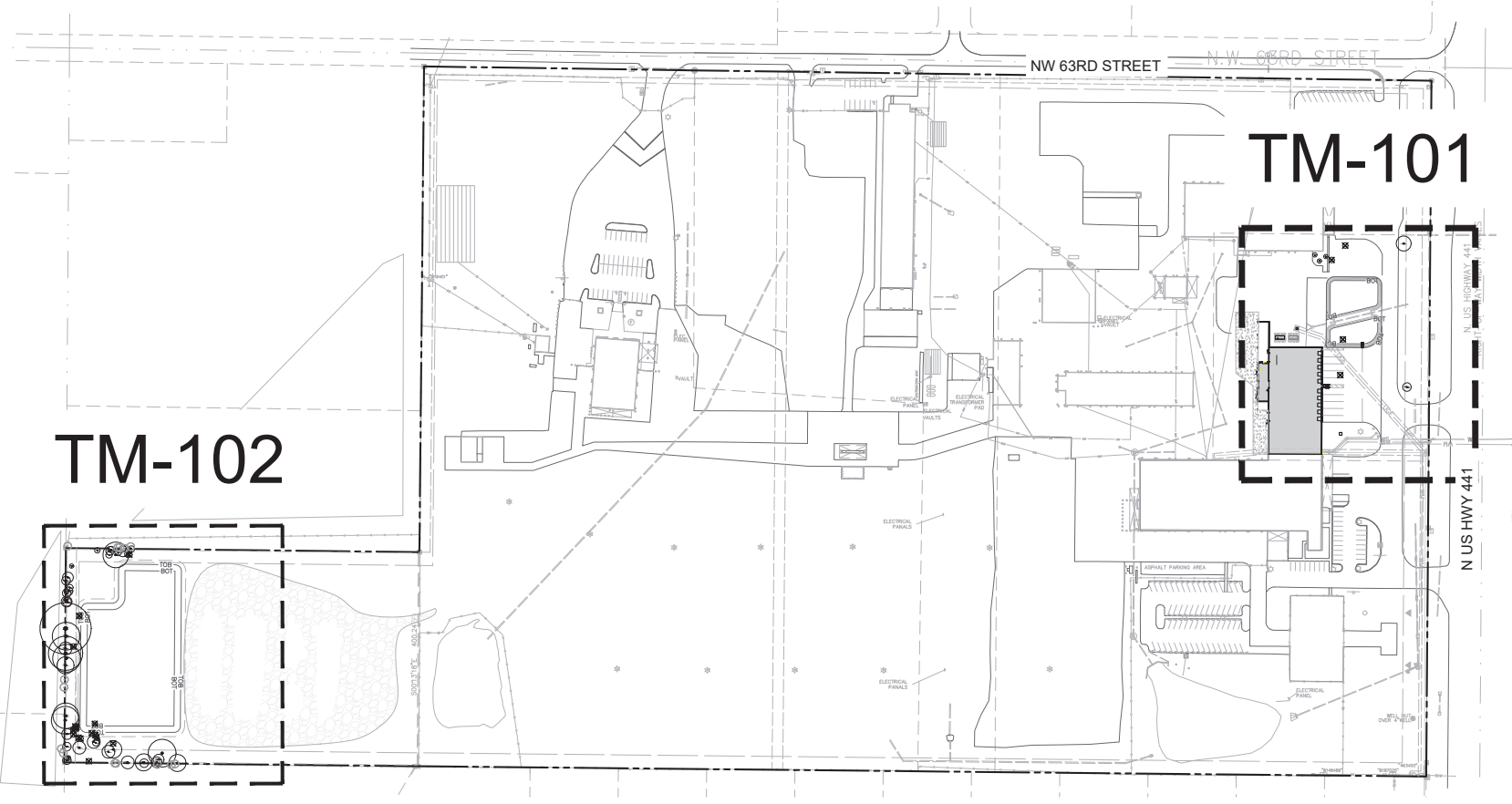
REFER TO SIGNATURE SHEET C-002

RING POWER OCALA

MAJOR SITE PLAN

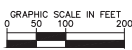


TM-102



TREE LEGEND

-  TREE TO REMAIN
 TREE TO BE REMOVED
 OFF-SITE TREE TO REMAIN



**CALL 2 WORKING DAYS
BEFORE YOU DIG**

**IT'S THE LAW!
DIAL 811**

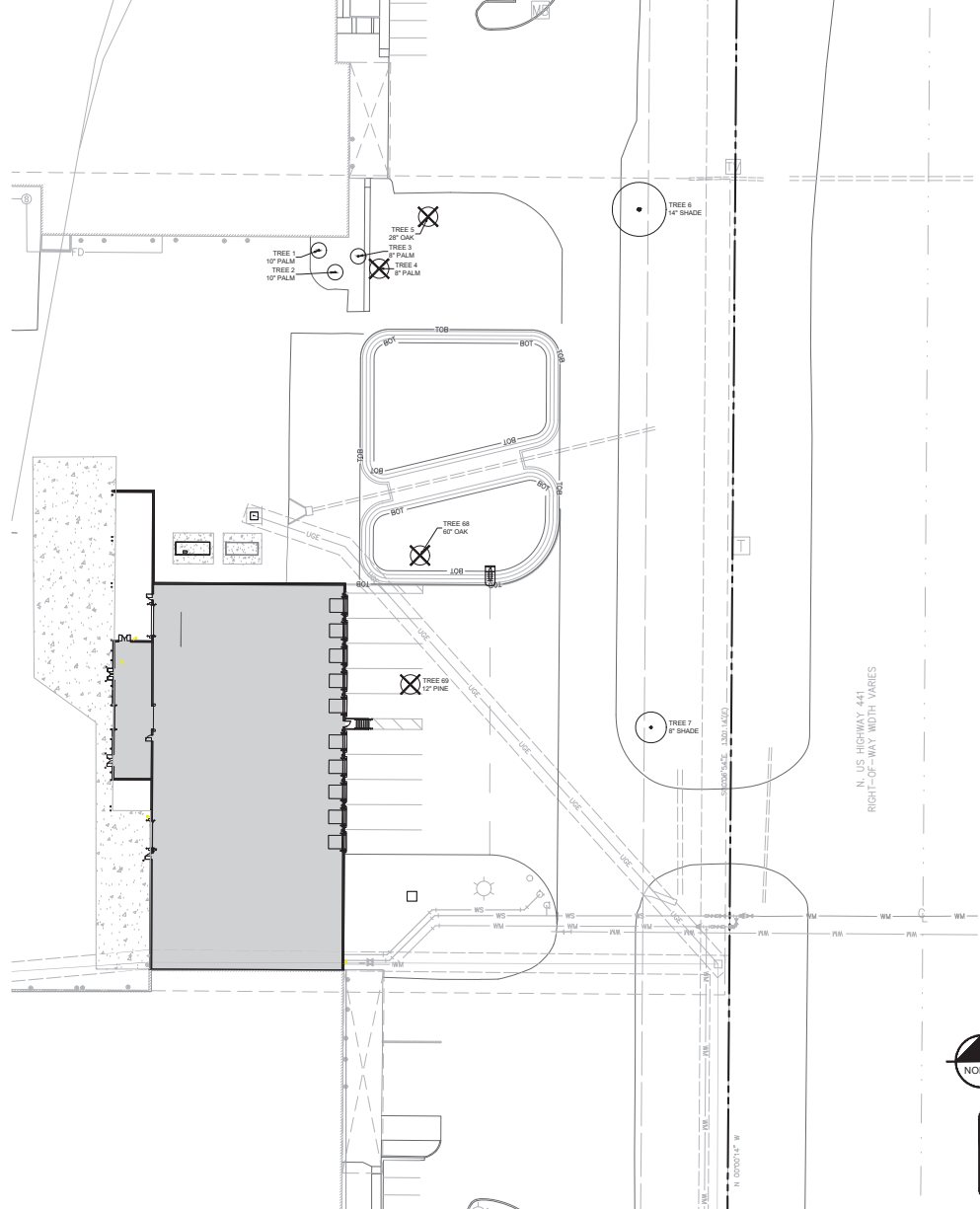
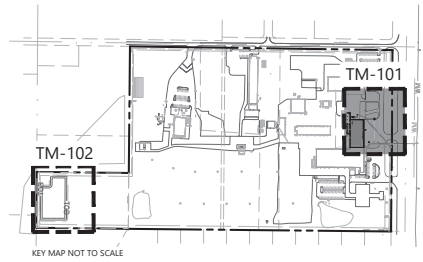
**Know what's below.
Call before you dig.**

SUNSHINE STATE ONE CALL OF FLORIDA, INC.

TM-101

SHEET NUMBER		MARION COUNTY		FLORIDA		KHA PROJECT 045627003		DATE SEPT. 2025		FOR ENGINEER OF RECORD SIGNATURE AND SEAL REFER TO SIGNATURE SHEET C-002		Kimley»Horn 6524 KIMLEY-HORN AVENUE, SUITE 2000 JACKSONVILLE, FLORIDA 32256 WWW.KIMLEY-HORN.COM REGISTRY NO. 35106		No.		REVISIONS		DATE		BY	
OVERALL PLANTING PLAN						RING POWER OCALA															
SCALE: AS SHOWN						DESIGNED BY: KHA						HEM									
CHECKED BY:												DRAWN BY: HEM									

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TREE LEGEND

- TREE TO REMAIN
- TREE TO BE REMOVED
- OFF-SITE TREE TO REMAIN

NORTH

GRAPHIC SCALE IN FEET
0 15 30 60

CALL 2 WORKING DAYS
BEFORE YOU DIG

IT'S THE LAW!
DIAL 811

Know what's below.
Call before you dig.

811

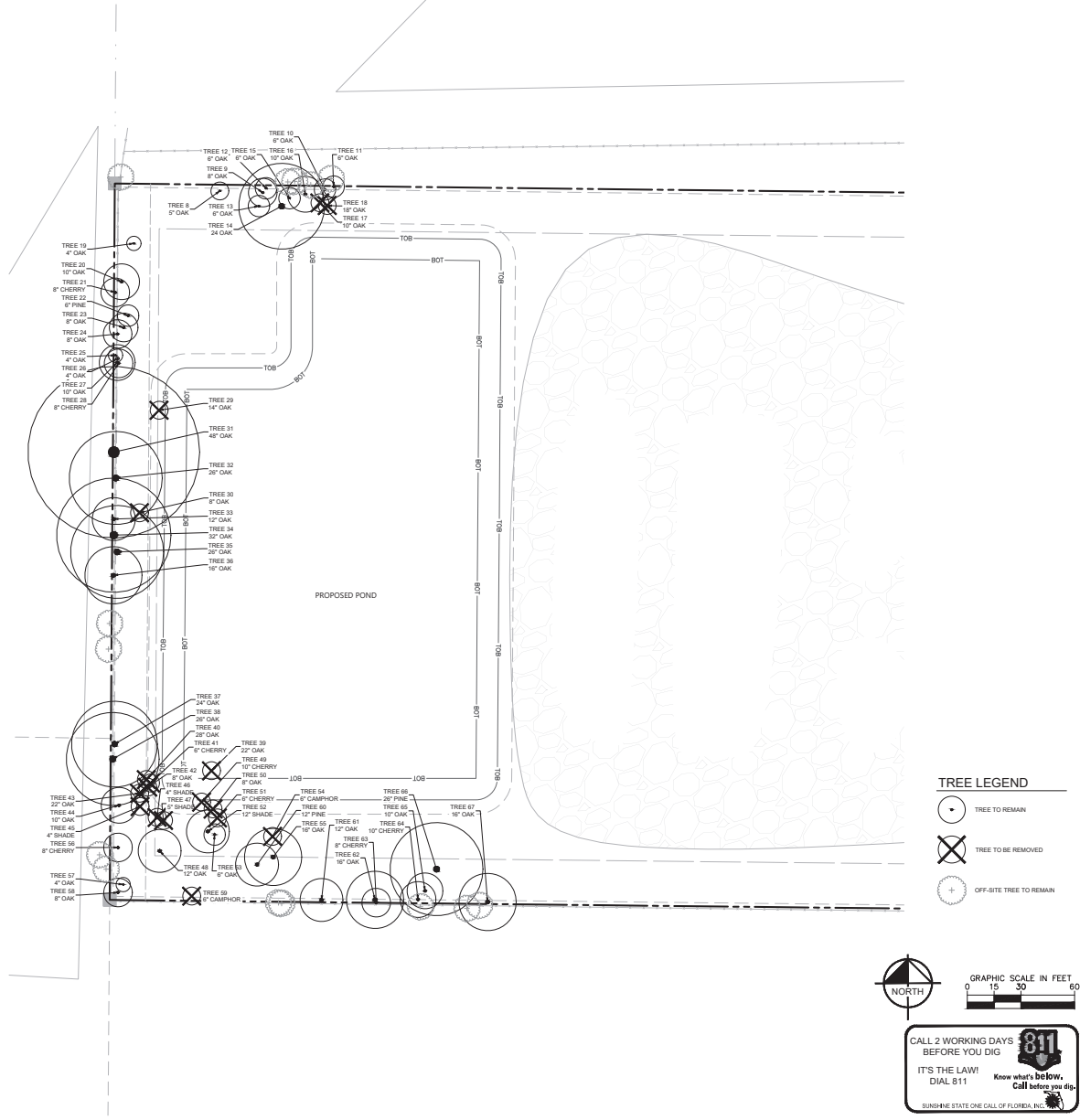
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

SHEET NUMBER		TM-101		MARION COUNTY		FLORIDA		KHA PROJECT UNIVERSITY DATE SEPT. 2025		FOR ENGINEER OF RECORD SIGNATURE AND SEAL REFER TO SIGNATURE SHEET C-002		Kimley»Horn		© 2024 KIMLEY-HORN AND ASSOCIATES, INC. 12750 GARDEN VALLEY ROAD, SUITE 2200 GAINESVILLE, FLORIDA 32609 PHONE: 904-428-1300 WWW.KIMLEY-HORN.COM REGISTRY NO. 35108	
OVERALL MITIGATION PLAN		RING POWER OCALA													

TM-102

TM-101

KEY MAP NOT TO SCALE



SHEET NUMBER TM-102	OVERALL MITIGATION PLAN		KHA PROJECT 045627003	Kimley»Horn © 2024 KIMLEY-HORN AND ASSOCIATES, INC. 12745 GUN SAFF PAVANA WEST, SUITE 2350 FARMINGTON, CT 06030 PHONE 860-439-3300 WWW.KIMLEY-HORN.COM REGISTRY NO. 35108	No. _____ REVISIONS _____ DATE _____
	RING POWER OCALA		DATE: _____ SCALE: AS SHOWN DESIGNED BY: KHA DRAWN BY: HEM CHECKED BY: MAJ		
MARION COUNTY		FLORIDA	MAJOR SITE PLAN		

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TREE MITIGATION TABLE						
Tree #	Species	DBH	Status	Inches to be Removed	Replacement Inches Required	Inches to be Preserved
1	PALM	10	Preserved			10
2	PALM	10	Preserved			10
3	PALM	8	Preserved			8
4	PALM	8	Remove	8	4	
5	OAK	28	Remove	28	21	
6	SHADE	14	Preserved			14
7	SHADE	8	Preserved			8
8	OAK	5	Preserved			5
9	OAK	8	Preserved			8
10	OAK	6	Preserved			6
11	OAK	6	Preserved			6
12	OAK	6	Preserved			6
13	OAK	6	Preserved			6
14	OAK	24	Preserved			24
15	OAK	6	Preserved			6
16	OAK	10	Preserved			10
17	OAK	10	Remove	10	5	
18	OAK	18	Remove	18	9	
19	OAK	4	Preserved			4
20	OAK	10	Preserved			10
21	CHERRY	8	Preserved			8
22	PINE	6	Preserved			6
23	OAK	8	Preserved			8
24	OAK	8	Preserved			8
25	OAK	4	Preserved			4
26	OAK	4	Preserved			4
27	OAK	10	Preserved			10
28	CHERRY	8	Preserved			8
29	OAK	14	Remove	14	7	
30	OAK	8	Remove	NIC		
31	OAK	48	Preserved			48
32	OAK	26	Preserved			26
33	OAK	12	Preserved			12
34	OAK	32	Preserved			32
35	OAK	26	Preserved			26
36	OAK	16	Preserved			16
37	OAK	24	Preserved			24
38	OAK	26	Preserved			26
39	OAK	22	Remove	22	16.5	
40	OAK	28	Remove	28	21	
41	CHERRY	6	Remove	NIC		
42	OAK	8	Remove	NIC		
43	OAK	22	Remove	22	16.5	
44	OAK	10	Preserved			10
45	SHADE	4	Remove	NIC		
46	SHADE	4	Remove	NIC		
47	SHADE	5	Remove	NIC		
48	OAK	12	Preserved			12
49	CHERRY	10	Remove	10	5	
50	OAK	8	Remove	NIC		
51	CHERRY	6	Remove	NIC		
52	SHADE	12	Preserved			12
53	OAK	6	Preserved			6
54	CAMPHOR	6	Remove (INVASIVE)	NIC		6
55	OAK	16	Preserved			16
56	CHERRY	8	Preserved			8
57	OAK	4	Preserved			4
58	OAK	8	Preserved			8
59	CAMPHOR	6	Remove (INVASIVE)	NIC		
60	12" PINE	12	Preserved			12
61	OAK	12	Preserved			12
62	OAK	16	Preserved			16
63	CHERRY	8	Preserved			8
64	CHERRY	10	Preserved			10
65	OAK	10	Preserved			10
66	PINE	26	Preserved			26
67	OAK	16	Preserved			16
68	OAK	60	Remove	60	60	
69	PINE	12	Remove	12	6	
TOTAL				232	171	599
NIC: Not Included in Calculation due to invasive status or being below 10"						

100 per Acre Requirement	
Project Mitigation	
Existing Inches	837"
Removed Inches	232"
Preserved Inches	599"
East Project Area	42,500 SF - 98"
West Project Area	90,950 SF - 209"
Total Mitigation Inches Required	307"
Total Inches from Preserved Trees	599"

SHEET NUMBER TM-120		MARION COUNTY FLORIDA		RING POWER OCALA SCALE: AS SHOWN DESIGNED BY: KHA DRAWN BY: HEM CHECKED BY: MAJ		KHA PROJECT 04567003 DATE SEPT. 2025	FOR ENGINEER OF RECORD SIGNATURE AND SEAL REFER TO SIGNATURE SHEET C-02		 Kimley-Horn & Associates, Inc. 19204 KIMLEY-HORN AND ASSOCIATES, INC. 12742 KIMLEY-HORN AVENUE, SUITE 2200 JACKSONVILLE, FLORIDA 32208 PHONE 904-828-3800 WWW.KIMLEY-HORN.COM REGISTRY No. 35196		No. _____ REVISIONS _____ DATE _____ BY _____	
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TREE MITIGATION SPECIFICATIONS

A. GENERAL

1. CONTRACTOR SHALL ADHERE TO ALL TREE PROTECTION REQUIREMENTS LISTED IN THESE SPECIFICATIONS AND/OR THOSE LISTED IN THE CITY OF LOS ANGELES TREE PROTECTION STANDARD (LATEST EDITION), WHICH ARE MORE PROTECTIVE THAN THOSE SHALL APPLY.
2. CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION PROCEDURES WITH THE PROJECT ARBORIST PRIOR TO BEGINNING WORK.
3. ANY AREAS SUBJECT TO EROSION MUST BE ADEQUATELY STABILIZED WITH VEGETATION MATERIAL THAT WILL, WITHIN A REASONABLE TIME FRAME, DETOUR SOLID DISTURBANCE.
4. NO SIGNS, BOLLARDS, PILES, OR OTHER ATTACHMENTS OF ANY KIND SHALL BE ATTACHED TO ANY TREE OR PALM GLU, UNLESS DESIGNED TO PROTECT TREES OR PALMS FROM SUCH DAMAGE.
5. EXISTING TREE LOCATIONS AND SIZES ARE ESTIMATES AND ARE BASED ON A SURVEY PROVIDED BY THE OWNER SELECTED SURVEYOR.
6. CONTRACTOR SHALL COORDINATE TREE REMOVAL WITH PERMITTING AGENCY AND PROJECT ARBORIST PRIOR TO CONSTRUCTION. NO PERSON MAY REMOVE OR CAUSE TO BE REMOVED ANY PROTECTED TREE OR PALM WITHOUT FIRST HAVING PROCURED A PERMIT FROM THE CITY OF LOS ANGELES BY THE APPLICANT'S PERMITTING AGENCY.
7. FOR PROTECTED TREES OR PALMS BEING REMOVED, THE CONTRACTOR MUST OBTAIN THE PERMITTING AGENCY REASONABLE OPPORTUNITY TO RELOCATE TREES DESIGNATED FOR REMOVAL TO ANOTHER SITE AT THE PERMITTING AGENCY'S EXPENSE.
8. CONTRACTOR IS RESPONSIBLE FOR POSSESSING ALL REQUIRED APPLICABLE LICENSES, BUSINESS REGISTRATIONS AND INSURANCE COVERAGE LABELS AND MATERIAL DATA SAFETY SHEETS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR HAVING ALL PALM CONTAINMENT MATERIALS AND REQUIRED PERSONAL PROTECTIVE EQUIPMENT FOR TREE PROTECTION APPLICATIONS AND FOR PROTECTING ALL TREES OR PALMS. THE OWNER RESERVES THE RIGHT TO INSPECT EACH APPLICATION AND HAVE THESE MATERIALS PRESENTED BEFORE AND DURING ANY TREE PROTECTION TREATMENT.
9. CONTRACTOR SHALL PROTECT ALL EXISTING TREES AND PALMS FROM ANY DAMAGE TO THE TRUNKS AND BRANCHES OF GRADE OR ABOVE. ANY DAMAGE TO EXISTING TREES OR PALMS SHALL BE REPAIRED TO THE ORIGINAL CONDITION. ANY DAMAGE TO TREES OR PALMS THAT IS NOT REPAIRABLE SHALL BE REPLACED WITH TREES AND PALMS OF THE SAME SPECIES AND SIZE. ANY DAMAGE TO TREES OR PALMS THAT IS NOT REPAIRABLE SHALL BE REPLACED WITH TREES AND PALMS OF THE SAME SPECIES AND SIZE. ANY DAMAGE TO TREES OR PALMS THAT IS NOT REPAIRABLE SHALL BE REPLACED WITH TREES AND PALMS OF THE SAME SPECIES AND SIZE.
10. TREE HELLS OF AN APPROVED DESIGN SHALL BE CONSTRUCTED AROUND ALL TREES TO BE PRESERVED WHEN MORE THAN FOUR INCHES OF FILLS TO BE DEPOSITED WITHIN THE DRIP LINE AREA OF THOSE TREES COORDINATE WITH PROJECT ARBORIST.
11. THE SEQUENCE OF TREE MITIGATION AND PRESERVATION MEASURES IS IMPERATIVE TO THE HEALTH AND SURVIVABILITY OF THE BUILDING. THE SEQUENCE SHALL BE COORDINATED WITH THE OWNER SELECTED PROJECT ARBORIST. THE DESIRED SEQUENCE IS OUTLINED BELOW:
 - a. TREE PROTECTION FENCING.
 - b. ROOT PRUNING AND ROOT BARRIERS.
 - c. CLEARING.
 - d. TREE CANOPY PRUNING.
 - e. FERTILIZATION.
 - f. INSECTICIDE.
 - g. IRRIGATION.

B. TREE PROTECTION FENCING

1. PRIOR TO THE ERECTION OF ANY TREE PROTECTION FENCING, ALL FOREIGN SURFACE MATERIAL, TRASH OR DEBRIS SHALL BE REMOVED FROM THE PROJECT AREA. THE PROTECTION FENCING AFTER ERECTION OF THE FENCING NO SMALL OBJECTS OR LITTER SHALL BE PERMITTED TO REMAIN WITHIN THE PROTECTED AREA.
2. TREE PROTECTION FENCING SHALL BE PLACED AROUND ALL PROTECTED TREES TO CREATE A PROTECTIVE ROOT ZONE AND SHALL BE MAINTAINED THROUGHOUT THE PROJECT. THE PROTECTION FENCING SHALL BE ERECTED TO PROTECT THE PROTECTED TREES FROM ANY DAMAGE TO THE TREE TRUNKS, BRANCHES, OR ROOTS.
3. NATIVE GROUND COVER AND UNDERSTORY VEGETATION EXISTING WITHIN THE PROTECTED AREA SHALL BE REMOVED ONLY BY MANUAL LABOR. ALL OTHER REMOVAL SHALL BE CONSIDERED AS REQUIRED BY THE PROJECT ABSTRACTOR.
4. TREE PROTECTION FENCING TYPES AND LOCATIONS SHALL BE ERECTED AS SHOWN ON THE TREE MITIGATION PLANS AND DETAILS OR AS REQUESTED BY LOCAL AGENCY.
5. FINAL LOCATIONS SHALL BE COORDINATED WITH AND APPROVED BY THE PROJECT ABSTRACTOR.
6. ALL EXISTING EQUIPMENT, CULVERT, MANHOLE OR WATERSHED MATERIALS SHALL BE ERECTED, STORIED, OR PARKED WITHIN 20 FEET OF THE TREE PROTECTION ZONE.
7. EROSION CONTROL DEVICES SUCH AS SLOPE WATERSHED, DEBRIS BARRIERS, AND WATER DIVERSTION STRUCTURES SHALL BE INSTALLED TO PREVENT EROSION AND/OR EROSION DAMAGE TO THE PROTECTED AREA.
8. CONSTRUCTION ACTIVITIES SHALL NOT DESTROY OR IRREVERSIBLY HARM THE ROOT SYSTEM OF PROTECTED TREES. POST HOLE AND TRENCHES LOCATED CLOSE TO PROTECTED TREES SHALL BE ADJUSTED TO AVOID DAMAGE TO MAJOR ROOTS.
9. DO NOT INSTALL CONDUIT, DRAIN OR IRRIGATION LINES, OR ANY UTILITY LINE WITHIN THE TREE PROTECTION ZONE WITHOUT THE APPROVAL OF THE PROJECT ABSTRACTOR. IF LINES MUST TRANSEVERSE THE PROTECTION AREA, THEY SHALL BE TUNNELED OR BORED UNDER THE TREE.
10. CONSTRUCTION ACCESS TO FENCE TREE PROTECTION AREAS WILL BE PERMITTED ONLY WITH APPROVAL OF THE PROJECT ABSTRACTOR.
11. EXCAVATION OR GRADING REQUIRED WITHIN THE PROTECTED AREA SHALL BE LIMITED TO THREE (3) INCHES OF CUT OR FILL.
12. STRUCTURES AND UNDERGROUND FEATURES TO BE REMOVED WITHIN THE PROTECTED AREA SHALL BE COORDINATED WITH THE PROJECT ABSTRACTOR.
13. TREE PROTECTION FENCING AROUND TREES TO BE RELOCATED SHALL BE ERECTED UNTIL THE TREE IS READY TO BE RELOCATED AND THE PROTECTION FENCING IS ERECTED TO PROTECT THE TREE. THE PROTECTION FENCING SHALL BE MAINTAINED UNTIL ALL CONSTRUCTION ACTIVITIES ARE COMPLETE.
14. IF ANY DAMAGE TO TREE PROTECTION FENCING SHOULD OCCUR BY ACCIDENT OR NEGLIGENCE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR.
15. IF TEMPORARY HAUL OR ACCESS ROADS MUST PASS OVER THE PROTECTED AREA OF TREES TO BE PRESERVED, A ROAD BED OF 12 INCHES OR MORE SHALL BE CONSTRUCTED TO PROTECT THE PROTECTED AREA. THE CONTRACTOR SHALL REPAIR THE ROAD BED TO BE REPLACED AS NECESSARY TO MAINTAIN A SIX (6) INCH ROAD BED AT ALL TIMES. CONTRACTOR SHALL REMOVE ALL SUCH DAMAGE TO THE SITE AND TO THE PROTECTED AREA.
16. THE CONTRACTOR SHALL COORDINATE WITH THE PROJECT ABSTRACTOR PRIOR TO THE REMOVAL OF ALL TREE PROTECTION FENCING.

C. ROOT PRUNING/TRENCHING

1. TRENCING LOCATIONS SHALL BE APPROVED IN THE FIELD BY THE PROJECT ARBORIST.
2. TRENCING EQUIPMENT THAT WILL TURN AT HIGH RPM'S IS PREFERRED, AND SHALL BE APPROVED BY THE PROJECT ARBORIST. APPROVED EQUIPMENT WILL BE USED TO PERFORM ALL TREE ROOT PRUNING OPERATIONS. A MINIMUM DEPTH OF THREE FEET IS REQUIRED.
3. INSTALL ROOT BARRIER WHERE DESIGNATED; SEE TREE MITIGATION PLAN AND DETAIL SHEETS
4. THE TRENCH SHALL BE BACKFILLED WITH PREVIOUSLY EXCAVATED SOIL, AND COMPACTED IMMEDIATELY.
5. TREES TO BE RELOCATED SHALL BE ROOT PRUNED A MINIMUM OF TWELVE (12) WEEKS PRIOR TO TREE RELOCATION.
6. WHEN THE TREE ROOT ZONE WILL BE DISTURBED, AFFECTED ROOTS MUST BE SEVERED BY CLEAN PRUNING CUTS AT THE POINT WHERE THE ROOTS INTERSECT THE TRENCH.

D. CLEARING

1. ANY BRUSH CLEARING REQUIRED WITHIN THE TREE PROTECTION ZONE SHALL BE ACCOMPLISHED WITH HAND-OPERATED EQUIPMENT.
2. CONTRACTOR SHALL CLEAR ALL TREE PROTECTION AREAS OF VINES, SHRUBS, GROUND COVERS, WEEDS, SAPLINGS, AND INVASIVES LISTED ON THE LATEST EDITION OF THE FLORIDA EXOTIC PEST PLANT COUNCIL'S LIST OF INVASIVE SPECIES.

- PROJECT ARBORIST MUST FOLLOW METHODS OTHER THAN HAND CLEARING.
- A. TWO (2) INCH LAYER OF MULCH SHALL BE APPLIED OVER THE SURFACE OF EXPOSED ROOTS OF PROTECTED TREES OR PROTECTED TREES BEING PREPARED FOR REMOVAL.
- THREE CANOPY PRUNING
1. PRUNING SPECIFICATIONS SHALL BE DEFINED BASED ON SPECIFIC RECOMMENDATIONS OF THE PROJECT ARBORIST. INFORMATION REQUESTED BELOW SHOULD BE USED AS A GUIDELINE.
- a. CONTRACTOR SHALL VISIT THE SITE WITH THE PROJECT ARBORIST TO VERIFY THE EXTENT OF REQUIRED PRUNING.
2. ALL PRUNING SHALL BE PERFORMED IN ACCORDANCE WITH THE RECOMMENDATIONS OF A QUALIFIED INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA) CERTIFIED ARBORIST OR AN AMERICAN SOCIETY OF CONSULTING ARBORISTS (ASCA) REGISTERED CONSULTANT ARBORIST RACS.
3. AT LEAST ONE MEMBER OF THE PRUNING CREW SHALL BE AN ISA CERTIFIED ARBORIST.
4. WHILE IN THE TREE, THE ARBORIST SHALL PERFORM AN AERIAL INSPECTION TO IDENTIFY DEFECTS THAT REQUIRE TREATMENT. ANY ADDITIONAL WORK NEEDED SHALL BE REPORTED TO THE OWNER.
5. PRUNING CUTS SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE ANSI A300 PRUNING STANDARD (AMERICAN NATIONAL STANDARD FOR TREE CARE OPERATIONS) AND WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF ANSI Z313.1 SAFETY STANDARD. PRUNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ISAT "BEST MANAGEMENT PRACTICES: TREE PRUNING".
6. WHERE TEMPORARY CLEARANCE IS NEEDED FOR ACCESS, BRANCHES SHALL BE TIED BACK TO HOLD THEM OUT OF THE CLEARANCE ZONE.
7. NO MORE THAN 25 PERCENT OF LIVE FOLIAGE SHALL BE REMOVED WITH ANY TREE.
8. ALL TREES WITHIN THE PROJECT AREA SHALL BE PRUNED AS FOLLOWS:
- a. LIVE BRANCH PRUNING SHOULD BE PERFORMED ONLY WHEN THE DANGER OF INSECT OR DISEASE INFESTATION IS NOT PRESENT.
- b. REMOVE STUBS, CUTTING OUTSIDE THE WOUND WOOD, DISEASE THAT HAS FORMED AROUND THE BRANCH.
- c. CLEANING: FOR THE SELECTIVE REMOVAL OF DEAD, DISSEASED, BROKEN, OR CROSSING BRANCHES DOWN TO ONE INCH IN DIAMETER OR AS DIRECTED BY THE PROJECT ARBORIST.
- d. PRUNING CUTS LARGER THAN 4 INCHES IN DIAMETER, EXCEPT FOR DEAD WOOD, SHALL BE AVOIDED.
- e. PRUNING CUTS TO EXPOSE HEARTWOOD SHALL BE AVOIDED WHENEVER POSSIBLE.
- f. ALL TREES WITH CROWNS THAT PROJECT INTO PARKING LOT/LOADING AREAS SHALL BE RAISED TO 14 FEET ABOVE FINISHED GRADE.
- g. ALL TREES WITH CROWNS THAT PROJECT INTO SIDEWALK AREAS SHALL BE RAISED TO A HEIGHT OF 8 FEET ABOVE FINISHED GRADE.
9. TREES WHOSE ROOT SYSTEMS WILL BE IMPACTED SHALL RECEIVE THE FOLLOWING PRUNING TO COMPENSATE FOR ROOT LOSS:
- a. THE LOCATION AND SIZE OF BRANCHES FOR REDUCTION SHALL BE DEFINED BY THE PROJECT ARBORIST.
- b. REDUCTION, OR THE SELECTIVE PRUNING TO REDUCE TREE HEIGHT OR SPREAD.
- c. REDUCE END WEIGHT ON HEAVY, HORIZONTAL, BRANCHES BY SELECTIVELY REMOVING SMALL DIAMETER BRANCHES, NO GREATER THAN 2 1/2 INCHES, NEAR THE ENDS OF SCAFFOLD BRANCHES.
- d. RAISING SHALL CONSIDER SELECTIVE PRUNING TO PROVIDE VERTICAL CLEARANCE.
10. PHOTOS/REPLACEMENT TREES
- a. PRUNING SHALL BE LIMITED TO CLEANING.
11. BRUSH SHALL BE CHIPPED AND SPREAD (ONLY WHEN DISEASE OR INSECT INFESTATION IS NOT PRESENT), UNDERNEATH TREES WITHIN THE TREE PROTECTION ZONE TO A MAXIMUM DEPTH OF THREE (3) INCHES, LEAVING THE TRUNK CLEAR OF MULCH.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL EXCESS DEBRIS FROM A DAY'S BASIS.

F. FERTILIZATION

1. CONTRACTOR SHALL COORDINATE FERTILIZER PLAN, FOLLOWING BEST MANAGEMENT PRACTICES WITH THE PROJECT ARBORESCENT PRIOR TO COMMENCEMENT OF ANY WORK.
2. EVERY EFFORT SHALL BE MADE TO UTILIZE CHEMICALS OF AN ORGANIC OR BIOGEOGRAPHIC NATURE IN ORDER TO OFFER THE LEAST IMPACT TO THE NATURAL ENVIRONMENT. CONTRACTOR IS RESPONSIBLE FOR MIXING, APPLYING, AND DISPOSAL OF ALL EXCESS FERTILIZER. CONTRACTOR SHALL BE IN FULL ADHERENCE TO MANUFACTURER'S SPECIFICATIONS. COORDINATE WITH PROJECT ARBORESCENT FOR FERTILIZER INFORMATION.
3. ONLY TREES AFFECTED BY CONTRACTOR OR AS SHOWN ON THE TREE MITIGATION PLAN AND TREE INVENTORY SCHEDULE SHALL BE TARGETED.
4. TREES SPECIFIED TO RECEIVE FERTILIZER SHALL BE TREATED AS FOLLOWS:
 - a. MIX FERTILIZER ACCORDING TO MANUFACTURER'S SPECIFICATIONS INTO A TANK WITH AGITATION CAPABILITY.
 - b. MIX WETTING AGENT ACCORDING TO MANUFACTURER'S SPECIFICATIONS INTO SAME TANK WITH FERTILIZER. AGITATE MIX.
 - c. INJECT THE MIXTURE WITH A HYDRAULIC INJECTION SYSTEM INTO THE UPPER 6-12 INCHES OF SOIL WITH A SOIL PROBE. INJECT AT THE RATE OF ONE (1) GALLON AT EACH INJECTION SITE.
 - d. THE CRITICAL ROOT ZONE AREA PLUS 2' BEYOND THE CRITICAL ROOT ZONE SHALL BE INJECTED, BUT NOT BEYOND ROOT PRUNING LOCATION.
 - e. FERTILIZER SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF ANY AERATION SYSTEMS.
 - f. EMPTY PRODUCT CONTAINERS SHALL BE STOPCORKED FOR INSPECTION BY THE PROJECT ARBORESCENT PRIOR TO DISPOSAL.
5. TRUNKT PROTECTANT AND BIODIVERSITY.

2.

- b. CONTRACTOR SHALL INJECT HYDRAULIC MYCORRHIZAL INOCULANT ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND AS RECOMMENDED BY THE PROJECT ARCHITECT. AGITATE FOR 10 MINUTES.
 - c. INJECT THE MIXTURE WITH A HYDRAULIC INJECTION SYSTEM INTO THE UPPER 6-12 INCHES OF SOIL WITH A SOIL PROBE. INJECT AT THE RATE OF ONE THIRD (1/3) GALLON AT EACH INJECTION SITE.
 - d. EMPTY PRODUCT CONTAINERS SHALL BE STOCKPILED FOR INSPECTION BY PROJECT ARCHITECT PRIOR TO DISPOSAL.
7. TRANSPLANT MAINTENANCE
- a. APPROXIMATELY ONE YEAR AFTER PLANTING, THE CONTRACTOR SHALL REFRUITLIZE ALL TRANSPLANTS UTILIZING THE SAME PROCESSES AS ABOVE.

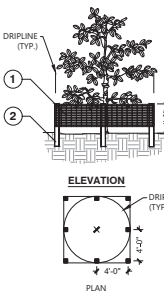
G. INSECTICIDES

1. NOTIFY PROJECT ARBORIST IF ANY INFESTATION IS NOTICED.
2. FOLLOW PROJECT ARBORIST'S RECOMMENDED PROCEDURES.
3. FOLLOW ALL MANUFACTURER'S RECOMMENDATIONS CONCERNING APPLICATION. READ ALL WARNING LABELS.
4. ANY PETS, AS WELL AS, THE PETS FOOD AND WATER BOWLS SHOULD BE REMOVED FROM THE AREA AND ANY SWIMMING POOLS SHOULD BE COVERED. COORDINATE WITH PROJECT ARBORIST FOR FURTHER INSTRUCTION.
5. ENSURE COMPLETE COVERAGE AND REAPPLY 2-3 MONTHS AFTER INITIAL APPLICATION UTILIZING SAME PROCEDURE.

H.

1. EVERY EFFORT SHALL BE MADE TO WATER THE PRESERVED TREES AND TRANSPLANTS. CONTRACTOR SHALL IRRIGATE BY HAND OR BY TEMPORARY IRRIGATION.

1. IRRIGATE AS REQUIRED BY SUBJECT ARBORIST UNTIL PERMANENT IRRIGATION IS INSTALLED AND OPERATING.
2. DURING IRRIGATION SHALL NOT BE INSTALLED WITH THE DRP LINES OF EXISTING TREES UNLESS ROOT PROTECTION MEASURES ARE PROVIDED AND PROJECT ARBORIST.
- TREE REMOVALS**
1. PRIOR TO AND DURING LAND CLEARING, INCLUDING GRUBBING, ALL TREES TO BE REMOVED SHALL BE CLEARLY MARKED BY PROJECT ARBORIST AS REMOVED TREES OR HALVED OBJECTS TO BE MAINTAINED AS ABOVE.
2. CONTRACTOR SHALL REMOVE ALL TREES AS SHOWN ON THE TREE MITIGATION PLANS AFTER THE TREE PROTECTION FENCING IS INSTALLED.
3. ALL TREES SHOWN TO BE REMOVED SHALL BE FELLED WITH A CHAIN SAW AND STUMP GROUND 4" BELOW SURFACE. ANY TREE SHOWING DAMAGE TO BE IN AN AREA WHERE COMPECTION IS CRITICAL, SHALL BE EXCEPTED FROM A CHAIN SAW AND STUMP REMOVED BY CONTRACTOR.
4. ALL WOOD AND STUMPS FROM REMOVALS SHALL BE HAULED FROM THE SITE THE SAME DAY. FELLED TREES, TOPS, ALL TREES TO BE REMOVED SHALL BE CHIPPED AND PLACED IN THE TREE PROTECTION ZONE TO A DEPTH OF THREE (3) INCHES. ALL EXCESS WOOD CHIPS SHALL BE REMOVED OFF SITE AND TO BE RECYCLED.
5. ALL BURN PITS IF APPLICABLE MUST BE APPROVED BY THE PROJECT ARBORIST AND OWNER.
6. TREES TO BE REMOVED THAT HAVE BRANCHES EXTENDING INTO THE CANOPY OF TREES TO REMAIN MUST BE REMOVED BY A QUALIFIED BA CERTIFIED ARBORIST AND NOT BY DEMOLITION OR CONSTRUCTION CONTRACTORS. THE QUALIFIED ARBORIST SHALL BE REQUIRED TO REMAIN IN A MANNER THAT WILL ALLOW THE TREE AND UNDERSTORY VEGETATION TO REMAIN.
7. TREES TO BE REMOVED LOCATED WITHIN THE TREE PROTECTION ZONE SHALL BE REMOVED BY A QUALIFIED BA CERTIFIED ARBORIST. THE TREES SHALL BE CUT NEAR GROUND LEVEL AND THE STUMP GROUND OUT.
- MACHINE DUMP TRANSPORTING**
1. DUMP TRANSPORT RECEIVING HOLE.
2. SET SPREAD DUMP ROOT BALL INTO RECEIVING HOLE 4"± ABOVE EXISTING GRADE.
3. WASH DRAIN OR TOPSOIL INTO AIR ROCKETS BETWEEN THE ROOT BALL AND RECEIVING HOLE.
4. INSTALL TOPSOIL, BULK 4" HIGH, 18" WIDE, AROUND PERIMETER OF ROOT BALL. MAY MYCORRHIZAL, TRANSPLANT INOCULANT INTO TOPSOIL, BING FROM MANUFACTURER.
5. INSTALL THREE INCHES WIDE FROM PERIMETER OF ROOT BALL TO WITHIN 4" OF TREE TRUNK.
6. COVER TOPSOIL RING WITH 1" OF MULCH AND EXTEND MULCH 4"± DEEP, AWAY FROM PERIMETER OF ROOT BALL.
7. WATER TRANSPORT.
- HOLDING AREA FOR TRANSPLANTS**
1. HOLDING AREAS SHOULD NOT BE NECESSARY. CONSTRUCTION PHASING SHOULD BE IMPLEMENTED SO THAT TREES ARE IMMEDIATELY RELOCATED TO THEIR PERMANENT LOCATION. COORDINATE WITH PROJECT ARBORIST AS NEEDED.
2. SHOULD A HOLDING AREA BE NECESSARY, TREE PROTECTION FENCING SHALL BE INSTALLED AT THE PERIMETER OF THE ENTIRE AREA.
3. CONTRACTOR SHALL COORDINATE LOCATION AND SPECIFICATIONS OF THE HOLDING AREA WITH PROJECT ARBORIST.
4. CONTRACTOR SHALL SUPPLY TEMPORARY IRRIGATION TO THE HOLDING AREA CONSISTING OF ABOVE GROUND PVC OR POLYETHYLENE PIPE WITH 1/2" HOLES SPACED WITHIN 10' WITH A MINIMUM OF ONE CONTROLLER. COORDINATE WITH PROJECT ARBORIST FOR CONTROLLER SETTINGS AND ALTERNATIVE WATERING METHODS.
- TOPSOIL**
1. CONTRACTOR SHALL COORDINATE ALL EARTHWORK OPERATIONS WITHIN TREE PROTECTION AREAS WITH THE PROJECT ARBORIST AND THE HOLDING AREA.
2. ALL TOPSOIL SHALL BE NATURAL, FERTILE, FINE LOAM TYPE SOIL POSSESSING CHARACTERISTICS OF REPRESENTATIVE TOPSOIL IN THE VICINITY THAT PRODUCES HEAVY GROWTH.
3. TOPSOIL, PH RANGE OF 5.5 TO 7.0, 3.5 PERCENT ORGANIC MATTER, MINIMUM FREE FROM SUBSOL, OBJECTIONABLE WEEDS, STONY, SOIL, CLAY, STONY LARGER THAN ONE (1) INCH IN DIAMETER, STUMPS, ROOTS, TRASH, TOXIC SUBSTANCES, OR ANY OTHER MATERIAL, WHICH MAY BE HARMFUL TO PLANT GROWTH.
4. VERIFY ADOPTED STOCKPILES IF ANY, AND SUPPLY ADDITIONAL, AS NEEDED FROM NATURALLY WORN-DRAINED SITES WHERE TOPSOIL OCCURS AT LEAST FOUR FEET DEEP, OR DO NOT EXIST, FROM TOPSOIL FROM BOSS OR MARSHES.
5. PROJECT ARBORIST SHALL APPROVE ALL TOPSOIL PRIOR TO PLACEMENT.
- REPAIR OF DAMAGED TREES**
1. IF DAMAGE TO ANY TREE SHOULD OCCUR BY ACCIDENT OR NEGLIGENCE DURING THE CONSTRUCTION PERIOD, THE PROJECT ARBORIST SHALL APPRAISE THE DAMAGE AND MAKE RECOMMENDATIONS TO THE OWNER FOR REPAIR BY THE CONTRACTOR.
2. IF ANY TREE DESIGNATED TO BE SAVED IS REMOVED FROM THE SITE WITHOUT PERMISSION OF THE OWNERS REPRESENTATIVE, THE CONTRACTOR SHALL APPRAISE THE TREE AND MAKE RECOMMENDATIONS TO THE OWNER FOR REPLACEMENT BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT OF THE TREE AND ANY FEES THAT MAY BE INCURRED.



- ① 4"HT "PERIMETER PLUS" CONSTRUCTION FENCE BY CONWED PLASTICS OR OWNER REPRESENTATIVE APPROVED EQUAL. SUB PRODUCT INFORMATION FOR APPROVAL PRIOR TO INSTALLATION.
- ② 6' TALL METAL "T" POSTS OR 2" x 2" X 6' PRESSURE TREATED WOOD POSTS WITH BURIAL BELOW GRADE.

INSTALLATION NOTES

- A. POST SELECTION SHOULD BE BASED ON EXPECTED STRENGTH NEEDS AND THE LENGTH OF TIME FENCE WILL BE IN PLACE. FLEXIBLE FIBERGLASS ROD POSTS ARE RECOMMENDED FOR PARKS, ATHLETIC EVENTS AND CROWD CONTROL INSTALLATIONS. METAL "T" POSTS OR TREATED WOOD POSTS ARE TYPICALLY USED FOR CONSTRUCTION AND OTHER APPLICATIONS.
- B. POSTS SHOULD BE DRIVEN INTO THE GROUND TO A DEPTH OF 1/3 OF THE HEIGHT OF THE POST. FOR EXAMPLE A 6' POST SHOULD BE SET AT LEAST 2" INTO THE GROUND.
- C. SPACE POSTS EVERY 4' (MIN.) TO 6' (MAX).
- D. SECURE FENCING TO POST WITH NYLON CABLE TIES (AVAILABLE FROM CONWED PLASTICS). WOOD STRIPS MAY ALSO BE USED TO PROVIDE ADDITIONAL SUPPORT AND PROTECTION BETWEEN TIES AND POSTS.

NOTE: IF WIRE TIES ARE USED, AVOID DIRECT CONTACT WITH FENCE. WIRE MAY DAMAGE FENCE OVER TIME.

4 TREE PROTECTION FENCING

1

JAX-RJ-12

SHEET NUMBER		TM-150	
MARION COUNTY		FLORIDA	
MITIGATION NOTES		KHA PROJECT 045627003 DATE SEP 1, 2025 SCALE: AS SHOWN DESIGNED BY: KHA DRAWN BY: HEM CHECKED BY: MAJ	
RING POWER OCALA		FOR ENGINEER OF RECORD SIGNATURE AND SEAL REFERS TO SIGNATURE SHEET C012  2501 E. HORN AND ASSOCIATES, INC. 12745 PALM BLVD., SUITE 210 JACKSONVILLE, FLORIDA 32256 PHONE: 904-803-5900 WWW.KIMLEY-HORN.COM REGISTRATION No. 50106	
		No. _____ DATE _____ REVISIONS _____ BY _____	