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

AR 32736

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

DEVELOPMENT REVIEW PLAN APPLICATION

Date: 04/11/2025	
------------------	--

A. PROJECT INFORMA	ATION:
--------------------	--------

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:	
Commercial Residential Industrial Institutional Mixed Use Other Pype of Plan: MAJOR SITE PLAN Property Acreage 62.03 acres 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 or receive correspondence during this plan review.) Figure : Firm Name: Kimley Horn & Associates, Inc. Mailing Address: 12740 Gran Bay Parkway West, Suite 2350 City; Jacksonville State: FL Zip Code; 32258 Phone # 904-828-3909	
Commercial Residential Industrial Institutional Mixed Use Other Pype of Plan: MAJOR SITE PLAN Property Acreage 62.03 acres 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 or receive correspondence during this plan review.) Figure : Firm Name: Kimley Horn & Associates, Inc. Mailing Address: 12740 Gran Bay Parkway West, Suite 2350 City; Jacksonville State: FL Zip Code; 32258 Phone # 904-828-3909	Gection Section Township 48 Range 21E Land Use CD Zoning Classification M-2
Property Acreage 62.03 acres Number of Lots Miles of Roads Decation 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 or receive correspondence during this plan review.) Pengineer: Tirm 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: Tirm 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: Dwner: 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	Commercial Residential Industrial Institutional Mixed Use Other
Property Acreage 62.03 acres Number of Lots Miles of Roads Decation 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 or receive correspondence during this plan review.) Pengineer: Tirm 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: Tirm 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: Dwner: 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	Type of Plan: MAJOR SITE PLAN
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 or 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: 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	Property Acreage 62.03 acres Number of Lots Miles of Roads
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.) Firm Name: Kimley Horn & Associates, Inc. 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 cPlans: Ocala.permits@kimley-horn.com Surveyor: Firm Name: Moorhead Engineering Company Contact Name: Bruce Vamadoe Mailing Address: 305 SE 1st Avenue City: Ocala State: FL Zip Code: 34478 Phone # 352-732-4406 Alternate Phone # Email(s) for contact via cPlans: 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	Location of Property with Crossroads SE intersection of NW 63rd Street and US 301
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.) Pengineer: Girm Name: Kimley Horn & Associates, Inc. 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: Girm 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: Dwner: 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:	Additional information regarding this submittal: Minor modification of the previously approved
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:	AR# 30211) project. Please see enclosed narrative for revisions.
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:	
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:	B. CONTACT INFORMATION (Check the appropriate box indicating the point for contact for this project. Add all email
Engineer: Firm Name: Kimley Horn & Associates, Inc. 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: Dwner: 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	
Firm Name: Kimley Horn & Associates, Inc. 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: 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	
Firm Name: Kimley Horn & Associates, Inc. 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: 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	✓ Engineer:
Phone # 904-828-3909	Firm Name: Kimley Horn & Associates, Inc. Contact Name: Joshua Cockriel, P.E.
Surveyor: Firm Name: Moorhead Engineering Company Mailing Address: 305 SE 1st Avenue City: Ocala Alternate Phone # Email(s) for contact via ePlans: Dwner: Ring Power Corporation Mailing Address: 500 World Commerce Parkway Phone # 904-737-7730 Alternate Phone # Email address: david.kent@ringpower.com Alternate Phone # Developer: Bruce Varnadoe State: FL Zip Code: 34478 Contact Name: David Kent State: FI Zip Code: 32092 Alternate Phone #	Mailing Address: 12740 Gran Bay Parkway West, Suite 2350 City: Jacksonville State: FL Zip Code: 32258
Surveyor: Firm Name: Moorhead Engineering Company 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: Owner: Ring Power Corporation Mailing Address: 500 World Commerce Parkway City: St. Augustine Phone # 904-737-7730 Alternate Phone # Email address: david.kent@ringpower.com	Phone #_904-828-3909
Surveyor: Firm Name: Moorhead Engineering Company 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: Owner: Ring Power Corporation Mailing Address: 500 World Commerce Parkway City: St. Augustine Phone # 904-737-7730 Alternate Phone # Email address: david.kent@ringpower.com	Email(s) for contact via ePlans: ocala.permits@kimley-horn.com
Contact Name: Bruce Varnadoe	
Contact Name: Bruce Varnadoe	Surveyor:
Phone # 352-732-4406 Email(s) for contact via ePlans: Property Owner: Owner: Ring Power Corporation Mailing Address: 500 World Commerce Parkway City: St. Augustine Phone # 904-737-7730 Alternate Phone # Email address: david.kent@ringpower.com Alternate Phone # Developer:	irm Name: Moorhead Engineering Company Contact Name: Bruce Varnadoe
Property Owner: Owner: Ring Power Corporation Mailing Address: 500 World Commerce Parkway Phone # 904-737-7730 Alternate Phone # Email address: david.kent@ringpower.com Contact Name: David Kent Contact Name: David Kent State: Fl Zip Code: 32092 Alternate Phone # Developer:	
Property Owner: Owner: Ring Power Corporation Mailing Address: 500 World Commerce Parkway Phone # 904-737-7730 Alternate Phone # Email address: david.kent@ringpower.com Contact Name: David Kent Contact Name: David Kent State: Fl Zip Code: 32092 Alternate Phone # Developer:	Mailing Address: 305 SE 1st Avenue City: Ocala State: FL Zip Code: 34478
Owner: Ring Power Corporation Mailing Address: 500 World Commerce Parkway City: St. Augustine Phone # 904-737-7730 Alternate Phone # Email address: david.kent@ringpower.com Developer:	
Owner: Ring Power Corporation Mailing Address: 500 World Commerce Parkway City: St. Augustine Phone # 904-737-7730 Alternate Phone # Email address: david.kent@ringpower.com Developer:	hone # 352-732-4406 Alternate Phone #
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:	hone # 352-732-4406 Alternate Phone #
Email address: david.kent@ringpower.com Developer:	hone # 352-732-4406 Alternate Phone # mail(s) for contact via ePlans: Property Owner:
Email address: david.kent@ringpower.com Developer:	hone # 352-732-4406 Alternate Phone # mail(s) for contact via ePlans: Property Owner: Owner: Ring Power Corporation Contact Name: David Kent
Email address: david.kent@ringpower.com Developer:	hone # 352-732-4406 Alternate Phone # mail(s) for contact via ePlans: Property Owner: Owner: Ring Power Corporation Contact Name: David Kent
	hone # 352-732-4406 Alternate Phone # mail(s) for contact via ePlans: Property Owner: Owner: Ring Power Corporation Contact Name: David Kent
	hone # 352-732-4406 Alternate Phone #
	hone # 352-732-4406 Alternate Phone #
Developer: Ring Power Corporation Contact Name: David Kent	hone # 352-732-4406 Alternate Phone #
	Alternate Phone # 352-732-4406 Alternate Phone # Mail(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
	Alternate Phone # 352-732-4406 Alternate Phone # David Kent Phone
Alternate Phone #	Alternate Phone # 352-732-4406 Alternate Phone # Mail(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
THORE # 307-733-2704 Alternate Phone #	Alternate Phone # 352-732-4406 Alternate Phone # mail(s) for contact via ePlans: Property 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: Ring Power Corporation Contact Name: David Kent Mailing Address: 500 World Commerce Parkway City: St. Augustine State: FL Zip Code: 32092

Revised 6/2021



LEGAL DESCRIPTION:

SURVEY NOTICE

TRAFFIC:

LDC 6.18.5 - FIRE HYDRANT

LAND USE DESIGNATION:

MAJOR SITE PLAN FOR RING POWER EXPANSION

RING POWER CORPORATION MARION COUNTY

SECTION 25, TOWNSHIP 14 SOUTH, RANGE 21 EAST

PARCEL ID #'s 13358-001-00, 13358-000-00, & 13448-000-00

APRIL 2025

Project Location

VICINITY MAP

AGENCY CONTACT LISTING

GAS TECO PEOPLES GAS BRUCE STOUT (407) 420-2678

PROJECT OWNER AND CONSULTANTS

SURVEYOR:

HEREBY CERTIFY THAT I, MY SUCCESSORS AND

LANDSCAPE ARCHITECTURE SHEET LIST

Kimley»Horn

INC. 2350

EXPANSION RING POWER CORPORATION COVER SHEET POWER F

C-001

RING POMER — EXPANSION A, FL 34475
RING POMER OFFICE PORTAIN
SON WORLD COMMERCE PARKWAY
ST. AUGUSTRE, FL 33092
RING POMER CORPORATION
ST. AUGUSTRE, FL 33092
SING POMER CORPORATION
ST. AUGUSTRE, FL 33092
ST. COMMERCIAL DEVELOPMENT (CD)

NONE 200 FT 50 FT 0.75 NONE MAXMUM BULDING HEIGHT:
 MAXMUM FLOOR RATIO:
 MINIMUM DIRECT ACCESS:
SETBACKS:
 MINIMUM FRONT SETBACK:
 MINIMUM REAR SETBACK:
 MINIMUM REAR SETBACK:
 MINIMUM SIDE SETBACK:
 ACCESSORY STRUCTURES:

22,300 S.F. TOTAL = (5.15% OF PROJECT AREA) 43.10 ACRES (1,877,436 S.F.) 0.30 ACRES (13.029 S.F.) (3.0% OF PROJECT AREA)

SHEET NUMBER SHEET TITLE SHEET NUMBER SHEET TITLE COVER SHEET OVERALL TREE MITIGATION PLAN SIGNATURE SHEET TM-101 TREE MITIGATION PLAN C-002 C-003 GENERAL NOTES TM-102 TREE MITIGATION PLAN C-004 UTILITY NOTES TM-120 TREE MITIGATION CALCULATIONS DRE-DEVELOPMENT DI ANI TM-150 TREE MITICATION NOTES & DETAILS POST DEVELOPMENT PLAN LP-100 OVERALL PLANTING PLAN C-102 C-103 OVERALL SITE PLAN I P-101 PLANTING PLAN CLEARING AND DEMOLITION PLAN LP-150 PLANTING NOTES C-201 CLEARING AND DEMOLITION PLAN LP-151 PLANTING DETAILS PAVING AND GEOMETRY PLAN IR-101 IRRIGATION PLAN C-301 C-302 C-400 PAVING AND GEOMETRY PLAN IR-102 IPPICATION CALCULATIONS OVERALL GRADING AND DRAINAGE PLAN IRRIGATION NOTES C-401 C-402 GRADING PLAN IRRIGATION DETAILS

GRADING PLAN DRAINAGE PLAN C-502 DRAINAGE PLAN C-700 SITE DETAILS

CIVIL ENGINEERING SHEET LIST

DRAINAGE DETAILS DRAINAGE DETAILS BEST MANAGEMENT PRACTICES DETAILS STORMWATER POLLUTION PREVENTION PLAN

GENERAL NOTE

FLOOD NOTE

SPRINGS PROTECTION THE PROPOSED PROJECT IS IN A PRIMARY SPRINGS PROTECTION ZONE

CONCURRENCY DEFERRAL NOTE

THIS PROJECT HIS NETHER BEEN GRANTED CONCURRENCY APPROVAL, NOR BEEN GRANTED AND/OR RESENTED ANY PUBLIC PICLUIT CHARGIES. INTUINE RIGHTS TO DEVELOP THE PROPERTY ARE SHARED A DEPERSEND CONCURRENCY DETERMINED, AND FINAL SHOPPOUL, TO DEVELOP THE PROPERTY HIS NOT BEEN GRAND. THE COMPATION OF CONCURRENCY ENLINE MORPHOU, TO DEVELOP REPROTECTIVE MORPHOUS THE RESEN DEVELOPED LASTE DEVELOPMENT REVIEWS SHORES, SUCH AS, BUT NOT LIMITED TO, BUILDING PERMIT REVIEWS THE SAS, SUCH AS, BUT NOT LIMITED TO, BUILDING PERMIT REVIEWS THE SAS SUCH AS, BUT NOT LIMITED TO, BUILDING PERMIT REVIEWS.

PROJECT DATUM: NAVD '88

SHANE D. MCLAUGHLIN



Kimley-Horn and Associates, Inc. 12740 GRAN BAY PARKWAY WEST, SUITE 2350 JACKSONVILLE, FLORIDA 32258 REGISTRY 35106 JOSH W. COCKRIEL, P.E. No. 86636

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



Kimley-Horn and Associates, Inc. TITTLE Y-FIOTE ATIO ASSOCIATES, ITC.

12740 GRAN BAY PARKWAY WEST, SUITE 2350

JACKSONVILLE, FLORIDA 32258

CERTIFICATE OF AUTHORIZATION: REGISTRY NO. 35106

ANNA WALLING, P.L.A. No. LA6667651

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

IR-151

Kimley WHOUN

© 2025 MUEY-HOR AND ASSIDATES, INC.
17240 GANG RAY INDERNO, WEST, SUITZ 2000

MACKANALL, FLORGA X2220

WANGALET-HORION, AUGUSTAN INC.
STORE STORE

KHA PROJECT 045627003 045627003 DATE APRIL 2025 SCALE. AS SHOWN DESIGNED BY: MT CAZ DRAWN B RING POWER EXPANSION RING POWER CORPORATION SIGNATURE SHEET

C-002

GENERAL NOTES

- ALL CONSTRUCTION COVERED BY THESE PLANS SHALL COMPLY WITH THE MATERIAL REQUIREMENTS AND QUALITY CONTROL STANDARDS CONTAINED IN THE MARION COUNTY "LAND DEVELOPMENT CODE" AND "UTILITY MANUAL" AS
- NO CHANGE TO THE WORK AS SHOWN ON THE APPROVED PLANS SHALL BE MADE WITHOUT NOTIFICATION TO AND APPROVAL BY THE OFFICE OF THE COUNTY ENGINEER AND PROJECT ENGINEER.
- THE CONTRACTOR AND SUBCONTRACTORS SHALL OBTAIN A COPY OF THE FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (LATEST EDITION) AND BECOME FAMILIAR WITH THE CONTENTS PRIOR TO COMMENCING WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE AUTHORITIES, SPECIFICATIONS AND REQUIREMENTS. CONTRACTOR SHALL GLAR AND GRUB ALL AREAS UNLESS OTHERWISE INDICATED, PERVOYNO THEES, STUMPS, ROOTS, MUCK, EXISTING PAYEMENT AND ALL OTHER DELETIONS UNSTRUCTED STUMPS, ROOTS, MUCK, EXISTING PAYEMENT AND ALL OTHER DELETIONS WAS THE STUMPS.
- ROOTS, MUCK, EXISTING PAYEMENT AND ALL OTHER DELETEROUS MEETS JUMPS, ROOTS, MUCK, EXISTING PAYEMENT AND ALL OTHER DELETEROUS METRIAL.

 EXISTING UTILITIES SHOWN ARE LOCATED ACCORDING TO THE INFORMATION AVAILABLE OF THE ENDOCRAPHE OF LOWER AND AVAILABLE OTHER ENDOCRAPHE. SURVEY AND AVAILABLE OTHER ENDOCRAPHE. SURVEY AND AVAILABLE OF LOCATION OF THOSE SHOWN OR THAT THE LOCATION OF THOSE SHOWN ARE ENTIRELY ACCUPATE. PIRONO THE ACTUAL LOCATION OF ANY EDISTING UTILITIES IS THE AVAILABLE OF THE WORLD'S ANY MOOK IN THE WORLTH'S TENTIFIED/MORE, THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO THE CONTRACTOR SHALL BE FULLY BE AVAILABLE OF THE CONTRACTOR SHALL BE FULLY BE AVAILABLE OF THE OFFERTIONS IN THE VIGINITY OF EXISTING UTILITIES OR STRUCTURES, NOW FOR TEMPORARY BRACTE, SWING OR RELOCATE ACCONTLACTED AND THEIR PERMISSION OBTANED REGARDING THE METHOD TO USE FOR SUCH WORK.
- 6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE WARIOUS UTILITY CONSTRUCTION ARE A BEFORE COMMENCING WORK, THE CONTRACTOR SHALL REVOKE 46 HOURS MINIMAN MOTECT OF ALL UTILITY COMPANIES PRIOR TO BEOMINING CONSTRUCTION. ALL LIST OF THE UTILITY COMPANIES WHICH THE CONTRACTOR SHALL REVOKE 46 HOURS MINIMAN MOTECT OF ALL UTILITY COMPANIES WHICH THE CONTRACTOR TO THE CONTRACTOR. THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR MAY WHICH TO NOTHEY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS AND BONDS IF REQUIRED PRIOR TO CONSTRUCTION
- THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SIX AT ALL TIMES ONE COPY OF THE CONSTRUCTION DOCUMENTS INCLUDING PLANS, SPECIFICATIONS, AND SPECIAL CONDITIONS AND COPIES OF ANY REQUIRED CONSTRUCTION PERMITS.
- ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT THE ATTENTION OF THE OWNER AND ENGINEER BEFORE COMMENCING WORK. FIELD CHANGES ON DEVALTIONS FROM DESIGN ARE TO BE MADE WITHOUT I APPROVAL OF THE OWNER AND NOTIFICATION TO THE ENGINEER.
- 10. ALL COPIES OF COMPACTION, CONCRETE AND OTHER REQUIRED TEST RESULTS ARE TO BE SENT TO THE OWNER AND DESIGN ENGINEER OF RECORD DIRECTLY FROM THE TESTING AGENCY.
- 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING TO THE ENGINEER A CERTIFIED RECORD SURFEY SUND AND SEALED BY A PROFESSIONAL LAND LOCATION OF ALL CONSTRUCTED IMPROVEMENTS THAT ARE RECORRED BY THE JURISDICTIONAL ACEDICES FOR THE CERTIFICATION PROCESS. ALL SURVEY COSTS WILL BE THE CONTRACTORS RESPONSIBILITY.
- THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.
- 13. ANY WELLS DISCOVERED ON SITE THAT WILL HAVE NO USE MUST BE PROPERLY ABANDONED BY A LICENSED WELL DRILLING CONTRACTOR IN A MANNER APPROVED BY ALL JURISDICTIONAL ACENCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY WELL ABANDONMENT PERMITS REQUIRED.
- 14. ANY WELL DISCOVERED DURING EARTH MOVING OR EXCAVATION SHALL BE REPORTED TO THE APPROPRIATE JURISDICTIONAL AGENCIES WITHIN 24 HOURS AFTER DISCOVERY IS MADE.
- 15. THE CONTRACTOR SMALL BE RESPONSIBLE FOR VERIFING THAT THE PROPOSED IMPROVIMENTS SHOWN ON THE PLANS DO NOT CONTLICT WITH ANY KNOWN DISCOVERED. THE CONTRACTOR SHALL MOTIFY THE CONTRACT PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFICITED. FAILURE TO NOTIFY OWNER FOR AN IDENTIFICATE, CONFLICT PRIOR TO PROFECTION. WITH INSTALLATION RELIEVES OWNER OF ANY OBLIGATION TO PAY FOR A RELATED CHANGE ORDER.
- ALL SIGN POSTS TO BE U-CHANNEL GALVANIZED STEEL 2lbs/L.F. BREAKAWAY POSTS.
- ALL UTILITIES UNDER EXISTING OR PROPOSED PAVEMENT SHALL BE SLEEVED IN ACCORDANCE WITH SECTION B.2.6.a OF THE MARION COUNTY LDC.
- 18. ALL LIGHTING SHALL BE SHIELDED TO NOT CAST GLARE ONTO ADJACENT
- 19. BUILDING SHALL COMPLY WITH THE IN BUILDING PUBLIC SAFETY MINIMUM RADIO SIGNAL STRENGTH RECOUREMENTS. THE LOCATION WILL NEED TO THRE AN INDEPENDENT PIBES OF THE STRENGTH OF THE GRAND. AND THE EDIT OF THE STRENGTH OF THE GRAND FOR THE EDIT OF THE STRENGTH OF THE GRAND FOR THE STRENGTH OF THE STRENGTH OF THE STRENGTH OF THE STRENGTH OF THE BUILDING AND THE STRENGTH OF THE BUILDING ANY INSTALLATION OF EQUIPMENT MUST BE DONE UNDER A PERMIT AND BE APPROVED BY THE OFFICE OF THE FIRE AMERICAN STRENGTH OF THE BUILDING. ANY INSTALLATION OF THE STRENGTH OF THE BUILDING AND THE STRENGTH OF THE BUILDING. ANY INSTALLATION OF THE STRENGTH OF THE BUILDING.
- 20. UPON COMPLETION OF THE LANDSCAPE INSTALLATION, THE CONTRACTOR SHALL REQUEST AN INSPECTION BY THE DESIGN PROFESSIONAL. A LANDSCAPE AND RIRGAGIAN AS-BUILT CRETRICATION SHALL BE SIGNED AND SEALED BY THE DESIGN PROFESSIONAL AND SUBMITTED TO THE CONTRACTOR SHALL BY THE SIGNAR OF A CERTIFICATE OF OCCUPANCY.
- 21. THE CONTRACTOR SHALL OBTAIN AND PROVIDE A COPY OF THE N.P.D.E.S. PERMIT OR N.O.I. TO MARION COUNTY.

DEMOLITION NOTES

- ALL MATERIAL REMOVED FROM THIS SITE BY THE CONTRACTOR SHALL BE DISPOSED OF BY THE CONTRACTOR IN A LEGAL MANNER.
- 2. BEFER TO THE TOPOGRAPHIC SIRVEY FOR ADDITIONAL DETAILS OF EXISTING STRUCTURES, ETC., LOCATED WITHIN THE PROJECT SITE. UNLESS OTHERWISH MOTED, STRUCTURES, ETC., LOCATED WITHIN THE PROJECT SITE. UNLESS OTHERWISH METED, SICKS, AND ALL APPLIETISHINGS ARE TO BE REMOVED FROM THE SITE BY THE CONTRACTOR AND PROPERTY DISPOSED OF IN A LECAL MANNER AS PART OF THIS CONTRACTOR AND PROPERTY DISPOSED OF IN A LECAL MANNER AS PART OF THIS CONTRACTOR SINEY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND DETERMINE THE FULL EXTENT OF ITEMS TO BE REMOVED. IF ANY ITEMS ARE IN QUESTION, THE CONTRACTOR SHALL CONTRACT THE OWNER PRIOR TO REMOVED.
- 3. THE CONTRACTOR SHALL REFER TO THE DEMOLITION PILAN FOR DEMOLITION/PRESERVATION OF EXISTING TREES. ALL TREES NOT SPECIFICALLY SHOWN TO BE PRESERVED OR RELOCATED SHALL BE REMOVED AS A PART OF THIS CONTRACT. TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO ANY

PAVING, GRADING AND DRAINAGE NOTES

- ALL PAYING, CONSTRUCTION, MATERIALS, AND WORKMANSHIP WITHIN COUNTY'S RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH LOCAL OR COUNTY SPECIFICATIONS AND STANDARDS (LATEST EDITION) OR FOOT SPECIFICATIONS AND STANDARDS (LATEST EDITION) IF NOT COVERED BY LOCAL OR COUNTY REGULATIONS.
- ALL UNPAVED AREAS IN EXISTING RIGHTS—OF—WAY DISTURBED BY CONSTRUCTION SHALL BE REGRADED AND SODDED.
- 3. TRAFFIC CONTROL ON ALL FDOT, LOCAL AND COUNTY RIGHTS—OF—WAY SHALL MEET THE REQUIREMENTS OF THE MANUAL OF UNFORM TRAFFIC CONTROL DEVICES (U.S. DOT/FHWA) AND THE REQUIREMENTS OF THE STATE AND ANY LOCAL. AGENCY HAVING JARSDICTION. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JARSDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT
- 4. THE CONTRACTOR SHALL GRADE THE SITE TO THE ELEVATIONS INDICATED AND SHALL REGRADE WASHOUTS WHERE THEY OCCUR AFTER EVERY RAINFALL UNTIL A GRASS STAND IS WELL ESTABLISHED OR ADEQUATE STABILIZATION OCCURS.
- ALL DRAINAGE FACILITIES AND STORM STRUCTURES MUST BE BUILT PRIOR TO CONSTRUCTION OF ANY IMPERVIOUS SURFACES.
- ALL AREAS INDICATED AS PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TYPICAL PAVEMENT SECTIONS AS INDICATED ON THE DRAWINGS.
- WHERE EXISTING PAVEMENT IS INDICATED TO BE REMOVED AND REPLACED, THE CONTRACTOR SHALL SAW CUT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT AND REPLACE THE PAVEMENT WITH THE SAME TYPE AND DEPTH OF MATERIAL AS EXISTING OR AS INDICATED.
- WHERE NEW PAVEMENT MEETS THE EXISTING PAVEMENT, THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND MATCH THE EXISTING PAVEMENT ELEVATION WITH THE PROPOSED PAVEMENT UNLESS OTHERWISE INDICATED.
- 9. THE CONTRACTOR SHALL INSTALL FILTER FABRIC OVER ALL DRAINAGE STRUCTURES FOR THE DURATION OF CONSTRUCTION AND UNTIL. ACCEPTANCE OF THE PROJECT BY THE OWNER. ALL DRAINAGE STRUCTURES SHALL BE CLEANED OF DEBRIS AS REQUIRED DURING AND AT THE END OF CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE FLOWS.
- 10. IF DEWATERING IS REQUIRED, THE CONTRACTOR SHALL OBTAIN ANY APPLICABLE REQUIRED PERMITS. THE CONTRACTOR IS TO COORDINATE WITH THE OWNER AND THE DESIGN ENGINEER PRIOR TO ANY EXCAVATION.
- 11. STRIP TOPSOIL AND ORGANIC MATTER FROM ALL AREAS OF THE SITE AS REQUIRED. IN SOME CASES TOPSOIL MAY BE STOCKPILED ON SITE FOR PLACEMENT WITHIN LANDSCAPED AREAS BUT ONLY AS DIRECTED BY THE OWNER.
- 12. FIELD DENSITY TESTS SHALL BE TAKEN AT INTERVALS IN ACCORDANCE WITH THE LOCAL JURISDICTIONAL AGENCY OR TO FDOT STANDARDS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
- 13. AL, SLOPES, AND AREAS, DISTURBED, BY CONSTRUCTION SHALL BE GRACED AS FEE PLANS. THE AREAS SHALL THIS BE SODDED OR SECRED AS SPORTING THE PLANS, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL HARDY GRASS GROWTH IS STRUBLISHED IN ALL AREAS, ANY AREAS DETIRED FOR ANY REASON PRIOR TO FINAL ADDITIONAL COST TO THE CHARLES AND AREASON PRIOR TO FINAL ADDITIONAL COST TO THE GWARFE, ALL EARTHEN AREAS WILL BE SODDED OR SEEDED AND MULCHED AS SHOWN ON THE LANDSCHAP (PLAN).
- 14. ALL CUT OR FILL SLOPES SHALL BE 4 (HORIZONTAL) :1 (VERTICAL) OR FLATTER UNLESS OTHERWISE SHOWN.
- 15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE WATER SPRINKLING OR OTHER SUITABLE MEMBOOS OF CONTROL. THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.
- 16. THE CONTRACTOR SHALL TAKE ALL REQUIRED MEASURES TO CONTROL TURBIDITY.

 ILL COLONION WHERE THE POSSBUTY OF TRANSFERRING SUPERIOR SOLDS INTO THE
 RECEIVING WATER BODY EXISTS DUE TO THE PROPOSED WORK. TURBIDITY BARRIERS

 MUST BE MANTANED IN EFFECTIVE CONDITION AT ALL LOCATIONS UNTIL CONSTRUCTOR

 CONTRACTOR MUST REMOVE THE BARRIERS AT TO THE SHALL THERE BE ANY OFF—SIE

 DISCHARCE WHICH VOLATES THE WATER QUALITY STANDARDS IN CHAPTER 17–302,

 FLORION ADMINISTRATIVE CODE
- 17. SOD, WHERE CALLED FOR, MUST BE INSTALLED AND MAINTAINED ON EXPOSED SLOPES WITHIN 48 HOURS OF COMPLETING FINAL GRADING, AND AT ANY OTHER TIME AS NECESSARY, TO PREVENT EROSION, SEDIMENTATION OR TURBID DISCHARGES.
- 18. THE CONTRACTOR MUST REVIEW AND MAINTAIN A COPY OF THE ENVIRONMENTAL RESOURCE PERMIT COMPLETE WITH ALL CONDITIONS, ATTACHMENTS, CHEMIS, AND PERMIT MODIFICATIONS IN COOL COMDITION AT THE CONSTRUCTION STIE. THE COMPLETE PERMIT MUST BE AVAILABLE FOR REVIEW UPON REQUEST BY WATER MANAGEMENT DISTRICT REPRESENTATIVES.
- 19. THE CONTRACTOR SHALL ENSURE THAT ISLAND PLANTING AREAS AND OTHER PLANTING AREAS ARE NOT COMPACTED AND DO NOT CONTAIN ROAD BASE MATERIALS. THE CONTRACTOR SHALL ALSO EXCAVATE AND REMOVE ALL UNDESHABLE MATERIAL FROM ALL AREAS ON THE SITE TO BE PLANTED AND PROPERLY DISPOSED OF IN A LEGAL MANNER.
- 20. THE CONTRACTOR SHALL INSTALL ALL UNDERGROUND STORM WATER PIPING PER MANUFACTURER'S RECOMMENDATIONS.

- THE CONTRACTOR SHALL CONSTRUCT GRAVITY SEWER LATERALS, MANHOLES, GRAVITY SEWER LINES AND DOMESTIC WATER AND FIRE PROTECTION SYSTEM AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL FURNISH ALL SHOWN OF THE PROTECTION OF THE CONTRACT DOWN DECASIONED. IN FULL AND COMPLETE ACCORDANCE WITH THE SHOWN, DESCRIBED AND REASONABLY INTENDED REQUIREMENTS OF THE CONTRACT DOCUMENTS AND JURISDICTIONAL ACENCY REQUIREMENTS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE CURRENCE OF THE CONTRACT DOCUMENTS AND THE CONTRACT THE CONTRACT DOCUMENTS AND THE CONTRACT THE T
- THE CONTRACTOR SHALL RESTORE ALL DISTURBED VEGETATION IN KIND, UNLESS SHOWN OTHERWISE.
- S EFILETON OF PIPE JOINTS AND CHIVATURE OF PIPE SHALL NOT EXCEED THE MANUFACTURER'S SECTIONARIOS. SECURIERY, CLOSE ALL OFER BROS OF PIPE AND FITTINGS WITH A WATERFIGHT PLUE WHEN WORK IS NOT IN PROGRESS. THE NITERFOR OF ALL PIPES SHALL BE CLEAN AND JOINT SUPPACES WHEN CLEAN AND DIFTER THE PIPE AND SECTION OF THE PLANS.
- 4. ALL PHASES OF INSTALLATION, INCLUDING UNLOADING, TRENCHING, LAYING AND BACK FILLING, SHALL SE COME IN A PREST CLASS WORKLANLINE MANNER. AMBURACTURES' RECOMMENDATIONS. CAGE SHALL BET TAKEN 10 AVOID DAMAGE TO THE COATING OR LINING IN ANY D.J. PIPE FITTINGS. ANY PIPE OR FITTING WHICH IS DAMAGED OF WHICH HAS FLANS OR IMPERESTORS. WHICH IN THE OFFICIAL STATE OF THE ENGINEER OR OWNER, REDUREST UNNET FOR USE, SHALL NOT BUSING. ANY PIPE OR SHATE AND FOR YOUR PER OF SHALL BE CLASS. THE USED. ANY PIPE OR SHATE AND FIRE ORD. THE OFFICIAL BE CLASS. THE MEDICAL PROPERTY OF THE STATE OF THE OFFICIAL BE CLASS. THE WHITE OF THE OFFICIAL BE CLASS. THE MEDICAL PROPERTY OF THE OFFICIAL BE CLASS. THE OFFICIAL BE CLAS
- WATER FOR FIRE FIGHTING SHALL BE AVAILABLE FOR USE PRIOR TO COMBUSTIBLES BEING BROUGHT ON SITE.
- ALL UTILITY AND STORM DRAIN TRENCHES LOCATED UNDER AREAS TO RECEIVE PAVING SHALL BE COMPLETELY BACK FILLED IN ACCORDANCE WITH THE GOVERNING JURISDICTIONAL AGENCY'S SECTIORATIONS. IN THE LEWIST THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRENCEST SHALL GOVERN
- UNDERGROUND LINES SHALL BE SURVEYED BY A PROFESSIONAL LAND SURVEYOR BEFORE BACK FILLING.
- 8. CONTRACTOR SHALL PERFORM, AT HIS OWN EXPENSE, ANY AND ALL TESTS REQUIRED BY THE SPECIFICATIONS AND/OR ANY AGENCY HAVING JURISDICTION. THESE TESTS MAY INCLUDE, BUT MAY NOT BE LIMITED TO, INFILITATION AND SEPTILITATION, ILEUSION INSPECTION AND AMADIREL TEST ON GRAVITY SEWER. A COPY OF THE TEST RESULTS SHALL BE PROVIDED TO THE UTILITY PROVIDER, OWNER AND JURISDICTIONAL AGENCY AS REQUIRED.
- MARION COUNTY UTILITIES WILL OWN AND MAINTAIN THE WATER AND SEWER MAINS. DAMAGES TO THE HARDSCAPE, LANDSCAPE, OR RESTORATION WILL BE THE SOLE RESPONSIBILITY OF THE OWNER IN THE EVENT OF ANY MAIN REPAIR

MAINTENANCE

ALL MEASURES STATED ON THE EROSION AND SEDMENT CONTROL PLAN, AND IN THE STORM WAIRE POLLUTION PREVENTION FLAN, SHALL BANK AND IN THE STORM WAIRE POLLUTION PREVENTION FLAN, SHALL BE CHECKED TO THE STATE OF THE STATE OF THE STATE ALL EROSION AND SEDMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS OLCHARDS AND REPARRED IN ACCORDING WHITH 24 HOURS OF THE END OF A O.S. RAINFALL EVENT, AND CLEARED AND REPARRED IN ACCORDANCE WITH THE COLUMNICS.

- INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.
- ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED AND RESEEDED AS NEEDED. FOR MAINTENANCE REQUIREMENTS REFER TO SECTION 981 OF THE STANDARD SPECIFICATIONS.
- SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE—HALF THE HEIGHT OF THE SILT FENCE.
- THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
- THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
- 6. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 55 CUBIC YARDS / ACRE.
- ALL MAINTENANCE OPERATIONS SHALL BE DONE IN A TIMELY MANNER BUT IN NO CASE LATER THAN 2 CALENDAR DAYS FOLLOWING THE INSPECTION.

Horn

ASSOCIATE, INC.

WEST, SUIT 2350
FIGA 2228
FIGA 2228
FIGA 2236
FIGA 2230

Kimley))

• 2025 KILEY-HORN AND ASS
12740 GAAN BAYY PARKWY WEST
12740 GAAN BAYY PARKWY WEST
AMONESON MESS - AND AND ASS - AND

DATE
APRIL 20
SCALE: AS SI
DESIGNED BY: <u>N</u>

EXPANSI NOTES NERAL POWER POWER æ RINGF RING

C-003

ANY PROPRIETARY, VENDOR PROVIDED EQUIPMENT, COMPONENTS, OR SYSTEMS SUPPLIED, NATIALED, OR ASSEMBLED AS A PART OF THIS PROJECT, INCLUDING ANY OTHER PROPRIETARY OF THE PROPRIETARY OF THE PROPRIETARY OF THE PLANS AND SPECIFICATIONS, SHALL BE PROVIDED WITH, I MANUFACTURER'S WARRANTY AND 2) LETTERS FROM THE VENDOR, SUPPLIER, AND INSTALLER CERTIFYING THAT THE AND INSTALLER CERTIFTING THAT THE EQUIPMENT, COMPONENTS, OR SYSTEMS WERE INSTALLED IN ACCORDANCE WITH T INTENT AND PERFORMANCE REQUIREMEN AS PRESENTED IN THE CONSTRUCTION

UTILITY NOTES:

- ALL WATER, SEWER, AND REUSE WORK MUST BE PERFORMED IN ACCORDANCE WITH MARION COUNTY WATER AND SEWER STANDARDS, DETAILS, AND SPECIFICATIONS AS WELL AS ALL APPLICABLE STATE AND LOCAL REGULATIONS.
- EQUIPMENT AND MATERIALS SHALL COMPLY WITH THE MARION COUNTY STANDARDS AND
- A FULL UNCUT LENGTH OF WATER MAIN PIPE (USUALLY 20 FEET) SHALL BE CENTERED AT THE POINT OF CROSSING OF ALL WATER AND SEWER (INCLUDING STORM) LINES AT THE POINT OF CROSSINGS REGARDLESS OF THE VERTICAL SEPARATIONS.
- IN THE CASE WHERE SOLVENT CONTAMINATION IS FOUND IN TRENCH, WORK WILL BE STOPPED AND THE PROPER AUTHORITIES MOTHED, WITH THE APPROVAL OF THE MARKON COUNTY HEALT MEDICAL THRES AND APPROVED SOLVENT RESTANT GASKET MATERIAL SHALL BE USED IN THE CONTAMINATE AREA. THE DUCTULE IRON PIPE WILL EXTEND AT LEAST 100 FEET BETOIND ANT SOSOVERS DOSING. 5.
- IN REGARD TO THE REQUEST FOR A LETTER OF RELEASE TO PLACE THE CONSTRUCTION INTO SERVICE, THE BACTERIOLOGICAL SAMPLE POINTS SHALL BE INDICATED IN RED OR PINK ON THE RECORD OR AS BUILT DRAWNOS. THE SAMPLE NUMBERS WILL CORRESPOND TO THOSE ON THE BACTERIOLOGICAL SAMPLE LAB SHEETS.
- THE RECORD OR "AS BUILT" DRAWNOS SHALL BE PREPARED BY THE CONTRACTOR'S SURVEYOR, WHO SHALL BE REGISTERED IN THE STATE OF FLORIDA. "AS-BUILT" DRAWNOS SHALL BE REPERANDED HYTHE CONTRACTOR IN ACCORDANCE WITH AMORDIS COLUNY WASTER ANS WASTERN THE CONTRACTOR FOR APPROVAL. THE RECORD DRAWNOS SHALL CLEARLY DEPICT THE VERTICAL COLFARANCES BEFORE HAVE THE ASSET (INCLUDING STORM) USES AT THAT CORSING AND PARALLER, RUNS WERE THE HORIZONTAL SEPRANTION IS LESS THAN 10 FEET. IN ADDITION, THE CONTRIBUTION OF THE DRAWNOS SHALL CLEARLY DEPICT OF COSSISSINGS WILL BE DOCUMENTED ON THE DRAWNOS AND ALL MITIGATIVES CONSTRUCTION MEASURES CLEARLY DEPICT OF CASS. THE CONTRIBUTION OF THE DRAWNOS AND ALL MITIGATIVES CONSTRUCTION MEASURES CLEARLY DEPICT OF LOSS FOR CONTRIBUTION OF THE DRAWNOS AND ALL MITIGATIVES CONSTRUCTION MEASURES CLEARLY DEPICT OF LOSS FOR CONTRIBUTION OF THE PREVANCE OF MACES OF VERTICAL CLEARLANCE ENTERS THE ARTHOUGH THE AND THE CONTRIBUTION OF THE PREVANCE OF MACES OF VERTICAL CLEARLANCE ENTERS THE ARTHOUGH AND STATEMENT OF THE PROPERTY OF TH SEWER (INCLUDING STORM) LINES IS NOT POSSIBLE.
- EXISTING UTILITIES SHOWN ON THESE PLANS HAVE BEEN LOCATED BY THE SURVEYOR, USING GROUND PENETRATING RADAR, MARION COUNTY RECORD DRAWNINGS AND A LIMITED NUMBER OF SULE. THE CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- VERTICAL LOCATIONS OF ALL UTILITIES (EXCLUDING EXISTING STORM SEWERS) SHOWN ON PLAN AND PROFILE SHEETS HAVE BEEN ASSUMED. CONTRACTOR SHALL EXERCISE CAUTION DURING EXCAVATION NACE MISSIMISM UTILIES SHOWN ON THE PLANS AND ONITY THE EMBINEER IF LOCATION DIFFERS FROM THAT SHOWN ON THE PLANS BEFORE CONTINUING WITH CONSTRUCTION.
- 10. SHOULD CONDITIONS VARY FROM THOSE SHOWN ON THESE PLANS THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER PRIOR TO CONTINUING CONSTRUCTION.
- 11. ALL WATER AND SEWER CONSTRUCTION SHALL BE ACCOMPLISHED BY AN UNDERGROUND UTILITY CONTRACTOR LICENSED UNDER THE PROVISIONS OR CHAPTER 489, FLORIDA STATUTES.
- ALL UNDERGROUND UTILITIES TO BE INSTALLED SHALL BE IN ACCORDANCE WITH THE MARION COUNTY SPECIFICATIONS AND THE APPROVED SITE PLANS.
- ALL WATERMAINS SHALL HAVE A MINIMUM OF 36" COVER FROM FINISHED GRADE AND ALL FORECMANS SHALL HAVE A MINIMUM OF 48" OF COVER FROM FINISHED GRADE, ALL UTILITY PIPELINES ARE DESIGNED TO FINISHED GRADE AND SHALL BE PROTECTED FROM DAMAGE UNTIL WORK IS COMPLETED. 13.
- UNSUITABLE MATERIALS UNDER WATER AND SEWER MAINS SHALL BE REMOVED AND REPLACED WITH SELECTED BACKFILL PROPERLY COMPACTED TO 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D1557).
- 15. SERVICE LINES ARE TO BE A 1" MINIMUM. CURB STOP FOR RESIDENTIAL METERS ARE TO BE 1" INLET WITH 5/8" $\times 3/4$ " METER NUT OUTLET. UNLESS, OTHER WISE CALLED OUT IN THE PLANS, WHICH PLANS CALL FOR 2" POTABLE METER AND BACKFLOW.
- NO CONNECTION TO EXISTING POTABLE WATER SYSTEM SHALL BE ALLOWED UNTIL ALL PROPOSED WATER LINES HAVE BEEN PRESSURE TESTED, DISINFECTED, CLEARED FOR SERVICE AND ACCEPTED FOR MAINTENANCE BY MCU AND FDEP.
- CONTRACTOR IS RESPONSIBLE FOR PROPER NOTIFICATION OF INSPECTING AUTHORITIES BEFORE AND DURING CONSTRUCTION.
- 18. MECHANICAL RESTRANTS ARE REQUIRED WHERE WATER MAINS AND FORCE MAINS ARE TERMINATED AND AT ALL BENDS. ANY VERTICAL CONFLICT CROSSING USING FITTING SHALL BE ROODED THROUGHOUT THE CROSSING. WHERE FORCE MAINS OR WATER MAINS ARE LUB WHHOUT FITTINGS, THE MAXIMUM DEFLECTION SHALL BE AS RECOMMENDED BY THE MANUFACTURER OF THE PIPE USED.
- FITTINGS SHALL BE USED AT LOCATIONS INDICATED ON THE PLANS, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- ALL UNDERGROUND VALVES SHALL BE INSTALLED WITH AN ADJUSTABLE CAST IRON VALVE BOX WITH TOP SET TO FINAL GRADE IN ACCORDANCE WITH COUNTY DETAILS AND SPECIFICATIONS.
- NOTICE OF PROCEDURE:
 21. ALL COMMERCIAL BUILDING PERMITS AND METERS TO BE PROCESSED THROUGH MARION COUNTY
 WATER AND SEMER CUSTOMER SERVICE SHALL BE ACCOMPANIED BY A SET OF APPROVED CIVIL
 DESION PLANS.
- ALL WATER AND SEMER TAPS TO BE PERFORMED BY UTILITY CONTRACTOR OR LICENSED MASTER PLUMBER MUST BE SOMEDUED AT LEAST 48 HOURS IN ADVANCE THROUGH YOUR MARION COUNTY INSPECTIOR. IN ADDITION, IT IS THE EMORRED OR RECORDS RESPONSIBILITY TO SECURE APPLICABLE D.E.P./DOH/JAMFON COUNTY PERMITTS IN ACCORDANCE WITH MARION COUNTY PERMITTINE PROCEDURES.
- METERS TO BE INSTALLED BY MARION COUNTY UTILITIES UPON APPLICATION AND PAYMENT BY LICENSED MASTER PLUMBER.
- WATER AND SEWER CAPACITY FEES SHALL BE REQUIRED AT TIME OF BUILDING PERMIT APPLICATION. FEES WILL BE BASED ON TOTAL NUMBER OF PLUMBING FIXTURE UNITS SHOWN OR LISTED ON BUILDING PLANS.
- 25. A PRE-CONSTRUCTION CONFERENCE IS REQUIRED AND SHALL BE SCHEDULED IN ADVANCE BY THE SITE CONTRACTOR THROUGH MARION COUNTY.
- MCJI PERSONNEL ARE TO INSPECT ANY WORK PERFORMED ON OR AROUND EXISTING MCJI INFRASTRUCTURE. A PRE-CONSTRUCTION MECTING IS REQUIRED TO BE HELD A MAINLAIN OF 48 HOURS PRIOR TO STAFT OF ANY CONSTRUCTION. IF THE PRE-CONSTRUCTION ETTING IS COURSETED, ANY WORK MAY BE HALTED. TO SCHEDULE, CONTACT MCU'S CONSTRUCTION OFFICER AT 352-330-1611. 26.

POTABLE WATER SYSTEM NOTES:

- NOTIFY MARION COUNTY 48 HRS. IN ADVANCE OF MAKING THE CONNECTION TO THE EXISTING WATER MAIN STUB. A MARION COUNTY INSPECTOR SHALL BE PRESENT AT TIME CONNECTION IS MADE.
- THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES AND CONNECTION POINTS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL DISCREPANCIES SHALL BE REPORTED TO THE ENDINEER OF RECORD IMMEDIATELY.
- 3. ALL WATERMAINS SHALL BE INSTALLED WITH A MINIMUM OF 36 INCHES OF COVER FROM FINISHED GRADE.
- ALL WATERMAINS 4" THRU 12" DIAMETER SHALL BE PVC 1120-CLASS 200-DR-14, PVC 1120-CLASS 150-DR-18 WITH PUSH-ON GASKETED JOINTS IN ACCORDANCE WITH MARION COUNTY
- 5. ALL POTABLE PVC PIPE 3 INCHES IN DIAMETER OR LESS SHALL BE LISTED AS NSF-PW AND SHALL BE SO MARKED.
- ALL WATER LINES 2" DIAMETER ONLY SHALL BE PVC 1120-PR200-SDR21, PVC 1120-SCHEDULE 40 AND SCHEDULE 80 IN ACCRDANCE WITH MARION COUNTY SPECIFICATIONS.
- ALL NEW AND RELOCATED WATER MAIN PIPE, FITTINGS, VALVES, AND FIRE HYDRANTS SHALL BE IN CONFORMANCE WITH APPLICABLE AMERICAN WATER WORKS ASSOCIATION (AWWA) AND MARION COUNTY UTILITY STANDARDS.
- ALL NEW AND RELOCATED WATER MAIN PIPE AND FITTINGS WILL COMPLY WITH THE LATEST FDEP AND AWWA STANDARDS FOR LEAD CONTENT.
- ALL PACKING AND JOINTING MATERIALS USED IN THE JOINTS OF NEW AND RELOCATED WATER MAIN PIPE SHALL BE IN CONFORMANCE WITH APPLICABLE AWWA AND MARION COUNTY UTILITY STANDARDS.
- 11. ALL ROCK AND UNSUITABLY SIZED STONES (AS DESCRIBED IN APPLICABLE AWWA AND MARION
- ALL TEES, BENDS, PLUGS, AND HYDRANTS IN NEW AND RELOCATED WATER MAINS SHALL USE RESTRAINED JOINTS PER MARION COUNTY UTILITIES DETAILS TO PREVENT MOVEMENT.
- ALL NEW AND RELOCATED WATER MAINS SHALL BE DISINFECTED IN ACCORDANCE WITH AWWA STANDARD C651 AND RULE 62-555.345, F.A.C.
- ALL NEW AND RELOCATED WATER SERVICES SHALL BE IN CONFORMANCE WITH THE STATE PLUMBING CODE.
- 15. ALL PIPE AND PIPE FITTINGS FOR NEW AND RELOCATED WATER SERVICES SHALL COMPLY WITH THE LATEST FOED AND AWMA STANDARDS FOR LEAD CONTENT. ALL SOLDERS AND FLUX FOR NEW AND RELOCATED WATER SERVICES SHALL COMPLY WITH THE LATEST FDEP AND AWMA STANDARDS FOR LEAD CONTENT.
- 16. THE POTABLE WATER SYSTEM SHALL MAINTAIN THE MINIMUM HORIZONTAL AND VERTICAL CLEARANCES FROM THE SANTARY SEWER SYSTEM. THE MINIMUM HORIZONTAL AND VERTICAL CLEARANCES ARE DESCRIBED IN DETAIL UNDER THE STANDARD WATER/SEWER SEPARATION STATEMENT.

SANITARY SEWER SYSTEM NOTES:

- THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES AND CONNECTION POINTS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER OF RECORD MANEDIATELY.
- SANITARY SEWER LINE SHALL BE SDR-26 PVC PIPE CONFORMING TO ASTM D-3034. SANITARY SEWER LINE SHALL BE COLOR CODED AND CLEARLY MARKED.
- SANITARY SEWER FORCEMAIN SHALL BE C900 DR18 PVC PIPE CONFORMING TO ASTM D-1784, D-2241, D-5139, AND F-477. SANITARY FORCE MAIN SHALL BE COLOR CODED GREEN AND CLEARLY MARKED.
- THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OF RECORD ALL VIDEO LOGS AND DEFLECTION TEST RESULTS FOR REVIEW AND APPROVAL.
- THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OF RECORD ALL EXFILTRATION/INFILTRATION TEST RESULTS FOR REVIEW AND APPROVAL.
- 6. THE SANITARY SEWER SYSTEM SHALL BE CONSTRUCTED IN ACCORDANCE WITH THESE CONSTRUCTION DRAWNOS AND SPECIFICATIONS. ANY DEVIATION FROM THESE CONSTRUCTION DRAWNOS AND SPECIFICATIONS SHALL BE THE SOLE RESPONSIBILITY OF THE ENTITY AUTHORIZING THE DEVIATIONS TO BRING THE SANITARY SEWER SYSTEM INTO COMPLIANCE WITH THESE CONSTRUCTION DOCUMENTS.
- THE SANITARY SEWER SYSTEM SHALL MAINTAIN THE MINIMUM HORIZONTAL AND VERTICAL CLEARANCES FROM THE POTABLE WATER SYSTEM. THE MINIMUM HORIZONTAL AND VERTICAL CLEARANCES ARE DESCRIBED IN DETAIL UNDER THE STANDARD WATER/SEWER SEPARATION STATEMENT.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE CONSTRUCTION OF THE SANITARY SEWER SYSTEM WITH THE OTHER UTILITIES BEING INSTALLED IN THE VICINITY.
- LEAVAGE TEST STALL BE CODUCTED SO THAT THE LEAVAGE DEPTERATION OF MATURATION DOES NOT DOESD TOO GLALDEN FER BEACH OF PIPE DAMESTER FOR MALE FER DAYS OF AN SECTION OF THE STSTEM. DEPTERATION OF HEILTRATION TESTS SHALL BE PERFORMED META ANNIAMA POSITIVE HEAD OF 2 FEEL ARE TESTS, AS A NAMIMAL, COMPONENT OT THE TEST PROCEDURE DESCRIBED AS ASTA C-828 FOR CLAY PIPE, ASTM C 924 FOR CONCRETE PIPE, ASTM F-1417 FOR PLASTIC PIPE, AND FOR OTHER MATERIALS AMPROPRIATE TEST PROCEDURE.
- TELEVISION INSPECTION IS REQUIRED OF ALL NEW AND REPLACED GRAVITY SEWER LINES (PRIVATE AND PUBLIC) PURSUANT TO MARION COUNTY UTILITY STANDARDS SECTION 428, III.4.5.

HYDROSTATIC TESTING NOTES:

AFTER ALL PRESSURE PPES (WATER MAINS, SERVICES, AND FORCE MAINS) ARE INSTALLED, THE JOINTS COMPLETED, AND THE TRENCH BACKFILLED, THE NEWY LUID PPE AND APPRITISHANCES. THE JOINTS COMPLETED, AND THE TRENCH BACKFILLED, THE NEWY LUID PPE AND APPRITISHANCES OF THE COMPLEX AND MAIN DEPOSIT OF THE PRESSURE AND THE PRESSURE AT THE STATE OF THE ANALYSIS AND THE STATE OF THE ANALYSIS AND AND LOSS THE TENDED SHALL BE CORRECTED. AT LEAST 48 HOURS BEFORE A TEST IS TO BE PERFORMED. TEST AND MAIN LIES AS DETECTED SHALL BE CORRECTED. SHALL BE CORRECTED SHALL BE CORRECTED. AND LOSS AND LOS

STANDARD WATER/SEWER/STORM SEWER SEPARATION STATEMENT:

SANITARY SEWERS (INCLUDING LATERALS), FORCEMAINS AND STORM SEWERS SHOULD CROSS UNDER WATERMAINS WHENEVER POSSIBLE. SANITARY SEWERS, FORCEMAINS AND STORM SEWERS CROSSING WATERMAINS SHALL BE LAD TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 12 INCHES BETWEEN THE INVEST OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE WHENEVER POSSIBLE.

ALL CROSSINGS SHALL BE ARRANGED SO THAT THE SEWER PIPE JOINTS AND THE WATERMAIN PIPE JOINTS ARE EQUIDISTANT FROM THE POINT OF CROSSING (PIPES CENTERED ON THE CROSSING).

- ALL UNDERGROUND WATERMAINS IN THE PROJECT WILL BE LAID TO PROVIDE A HORIZONTAL SEPARATION OF AT LEAST 3 FEET MINIQUIA BETWEEN THE OUTSIDE OF THE WATERMAIN AND THE OUTSIDE OF MAY STORM SEWER, STORMMATER FORCEMAIN, OR PIPELINE CONVEYING RECLAIMED WATER UNDER PART III OF CHAPTER 62-610 F.A.C.
- WATERMAIN SHALL BE LAID AT A MINIMUM DISTANCE OF 3 FEET AND 10 FEET PREFERRED BETWEEN THE OUTSIDE OF THE WATERMAIN AND THE OUTSIDE OF ANY VACUUM SANITARY SEWER.
- WATERAM SHALL BE LUA AT A MINUM DETANCE OF 6 FEET AND 10 FEET PRESERVED BETWEEN THE CUISSO OF THE WATERAMA NO THE CUISSO OF A GANATY SANTHY SERVE (1 FEET THE WATERAMA BOTTOM (6) AND AT LEST 6** ADDRE HE TOP 6** THE SWEED) MATERAMA SOTTOM (6) AND AT LEST 6** ADDRE HE TOP 6** THE SWEED) MATERAMA SHALL BE LUAD HORZOWALLY (CUITSOE) OLUTIONED, AT LEST 6** FEET MINUM, AND 10 FEET PRESED FROW PRESSURE SANTARY SEWER, SANTARY SEWER FORCEMAN, OR RECLAMED MATER PIPELINES NOT RECULATED UNDER PART III OF COMPETER 62—06 FAC.
- WHERE AN UNDERGROUND WATERMAIN IS BEING LAID LESS THAN THE REQUIRED MINIMUM HORIZONTAL DISTANCE FROM ANOTHER PIPELINE AND WHERE AN UNDERGROUND WATERMAIN IS CROSSING ANOTHER PIPELINE AND JOINTS IN THE WATERMAIN ARE BEING LOCATED LESS THAN THE REQUIRED MINIMUM DISTANCE FROM JOINTS IN THE OTHER PIPELINE:
- A. USE OF PRESSURE—RATED PIPE CONFORMING TO THE AMERICAN WATER WORKS ASSOCIATION STANDARDS INCORPORATED INTO RULE 62-555.330, F.A.C., FOR THE OTHER PIPELINE IF IT IS A GRAVITY—OR VACUUM—TYPE PIPELINE.
- B. USE OF WELDED, FUSED, OR OTHERWISE RESTRAINED JOINTS FOR EITHER THE WATERMAIN OR THE OTHER PIPELINE, OR
- C. USE OF WATERTIGHT CASING PIPE OR CONCRETE ENCASEMENT AT LEAST FOUR INCHES THICK FOR EITHER THE WATERMAIN OR THE OTHER PIPELINE.
- WHERE AN UNDERGROUND WATERMAIN IS BEING LAID LESS THAN THREE FEET HORIZONTALLY FROM ANOTHER PIPELINE AND WHERE AN UNDERGROUND WATERMAIN IS CROSSING ANOTHER PIPELINE. AND IS BEING LAID LESS THAN THE REQUIRED 12" MINIMUM VERTICAL DISTANCE FROM THE OTHER PIPELINE.
 - A LISE OF DIDE OR CASING DIDE HAVING HIGH IMPACT STRENGTH (LE HAVING AN IMPACT STEENOTH (LE., TAVING AN IMPACT STRENGTH (LE., TAVING AN IMPAC
- B. USE OF PIPE, OR CASING PIPE, HAVING HIGH IMPACT STRENGTH (I.E., HAVING AN IMPACT STRENGTH AT LEAST EQUAL TO THAT OF 0.25-INCH-THICK DUCTILE IRON PIPE) OR CONCRETE ENCASEMENT AT LEAST FOUR INCHES THICK FOR THE OTHER PIPELINE IF IT IS NEW AND IS CONVEYING WASTEWATER OR RECLAMMED WATER.
- 7. ALL PIPING SHALL MEET MARION COUNTY STANDARDS AND SPECIFICATIONS.

STANDARD NOTES:

1. WHEN WATER CROSSES UNDER SANITARY, UT113 MUST BE UTILIZED

Kimley WHorn

1202 RULT-HOW AND ASSOURS. NO.
12140 GANG BY PROMY WEST, SUITE 200
AND AND ASSOURCE, TUDBO, AZZER
MANDALL-HORDO, AZZER
WALDALL-HORDO, AZZER
WA

DATE
APRIL 20
SCALE: AS SI
DESIGNED BY:

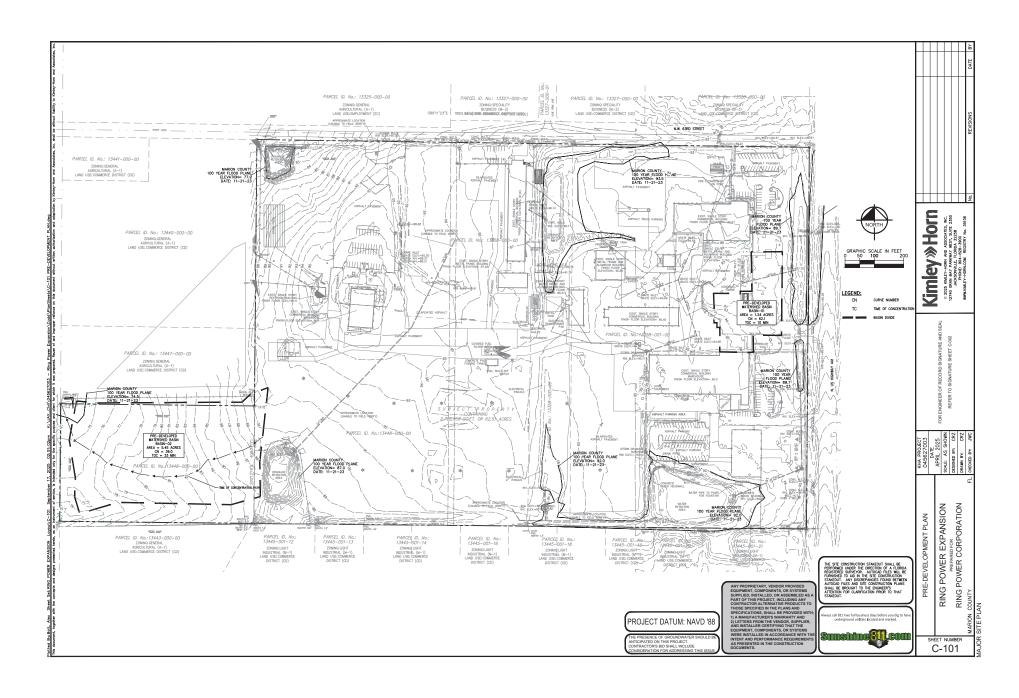
EXPANSION CORPORATION UTILITY NOTES POWER POWER RINGF RING

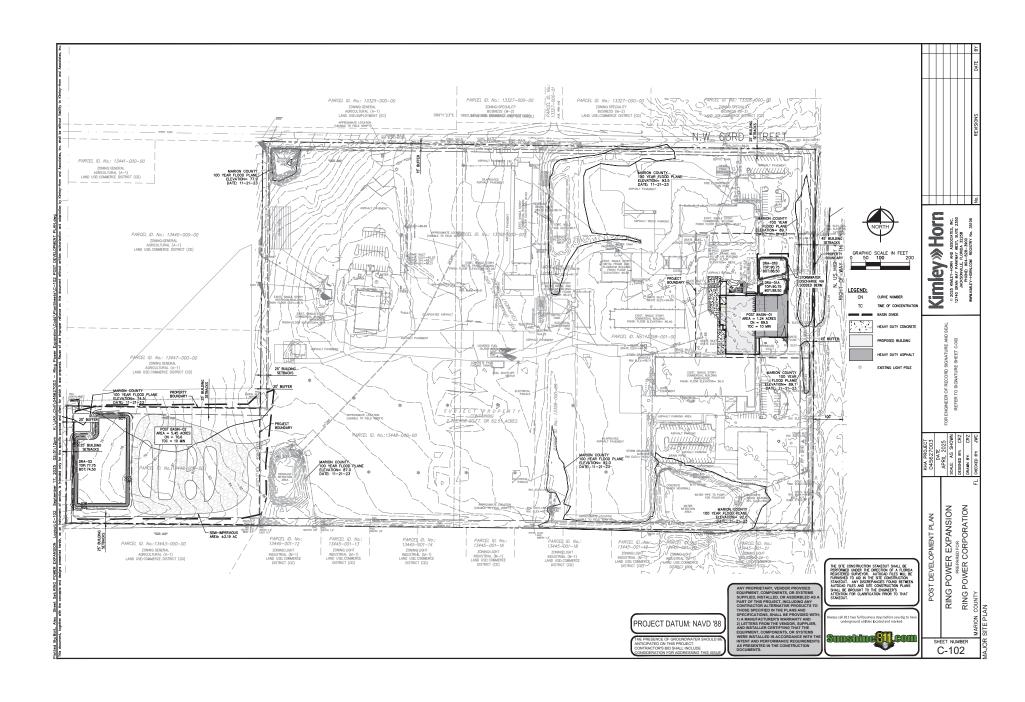
C-004

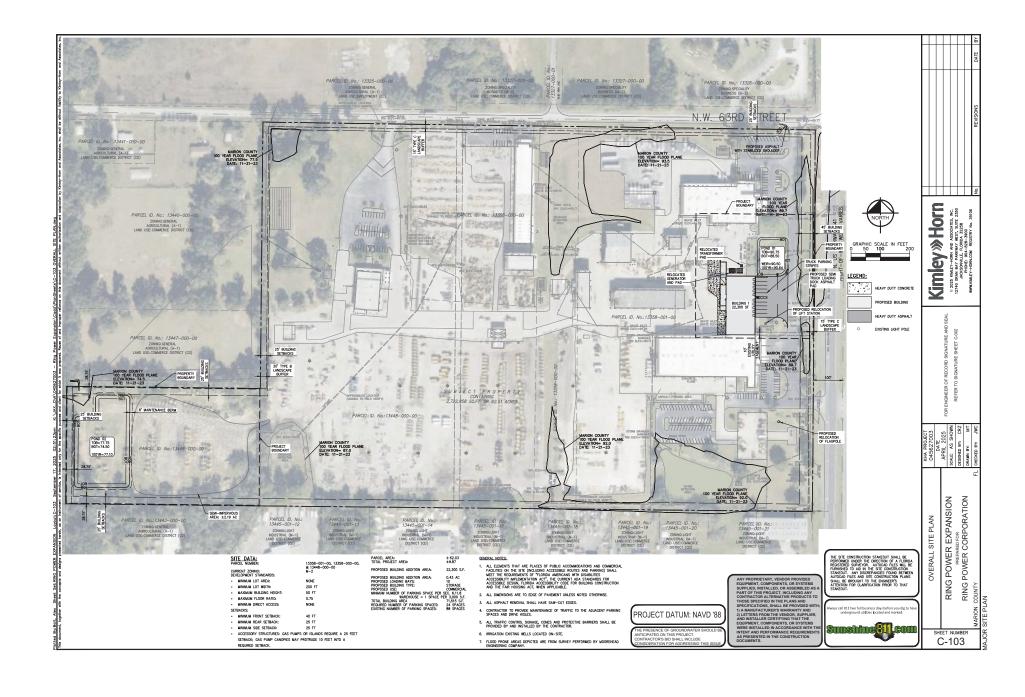
ANY PROPRIETARY, VENDOR PROVIDED EQUIPMENT, COMPONENTS, OR SYSTEMS SUPPLIED, INSTALLED, OR ASSEMBLED AS A PART OF THIS PROJECT, INCLUDING ANY CONTRACTOR ALTERNATIVE PRODUCTS TO

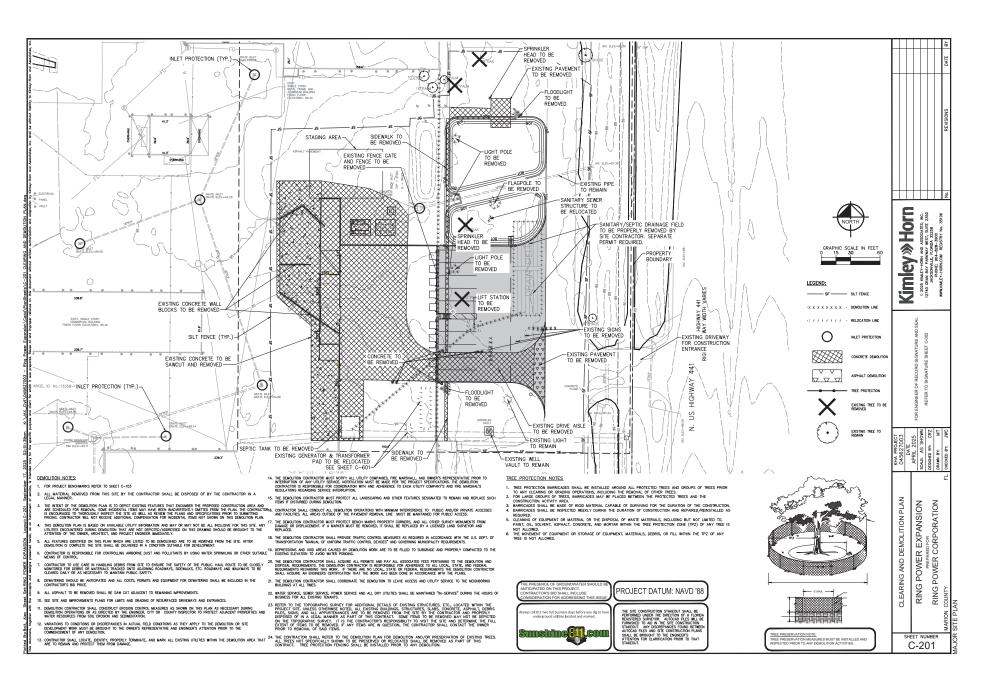
CONTRACTOR ALTERNATIVE PRODUCTS TO THOSE SPECIFIED IN THE PLANS AND SPECIFICATIONS, SHALL BE PROVIDED WITH 1) A MANUFACTURER'S WARRANTY AND 2) LETTERS FROM THE VENDOR, SUPPLIER, AND INSTALLER CERTIFYING THAT THE

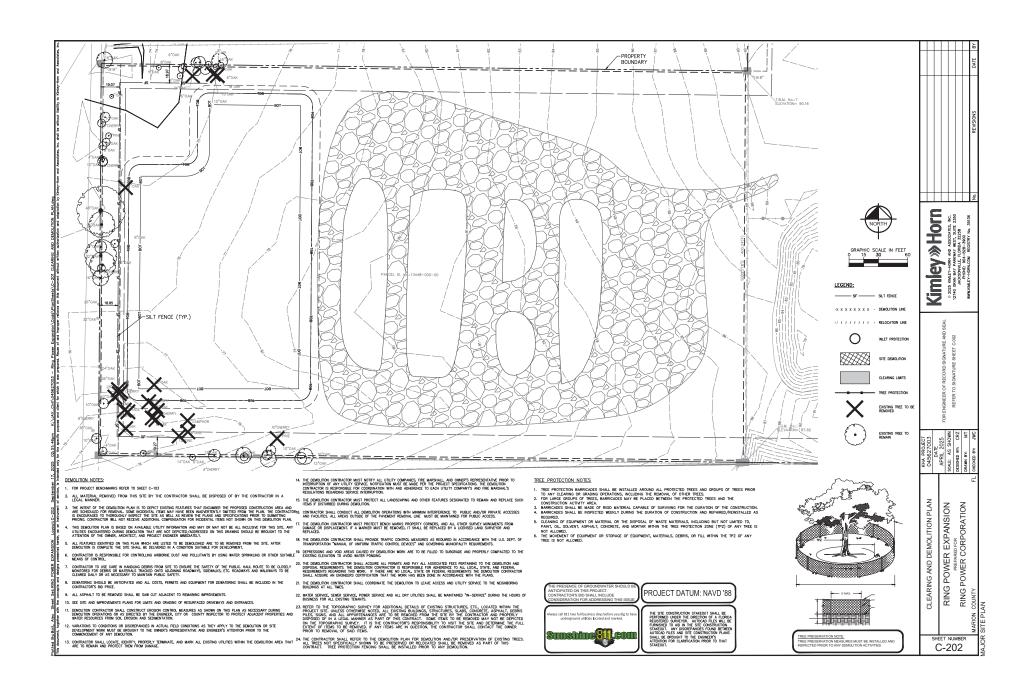
EQUIPMENT, COMPONENTS, OR SYSTEMS
WERE INSTALLED IN ACCORDANCE WITH
INTENT AND PERFORMANCE REQUIREMENTS
AS PRESENTED IN

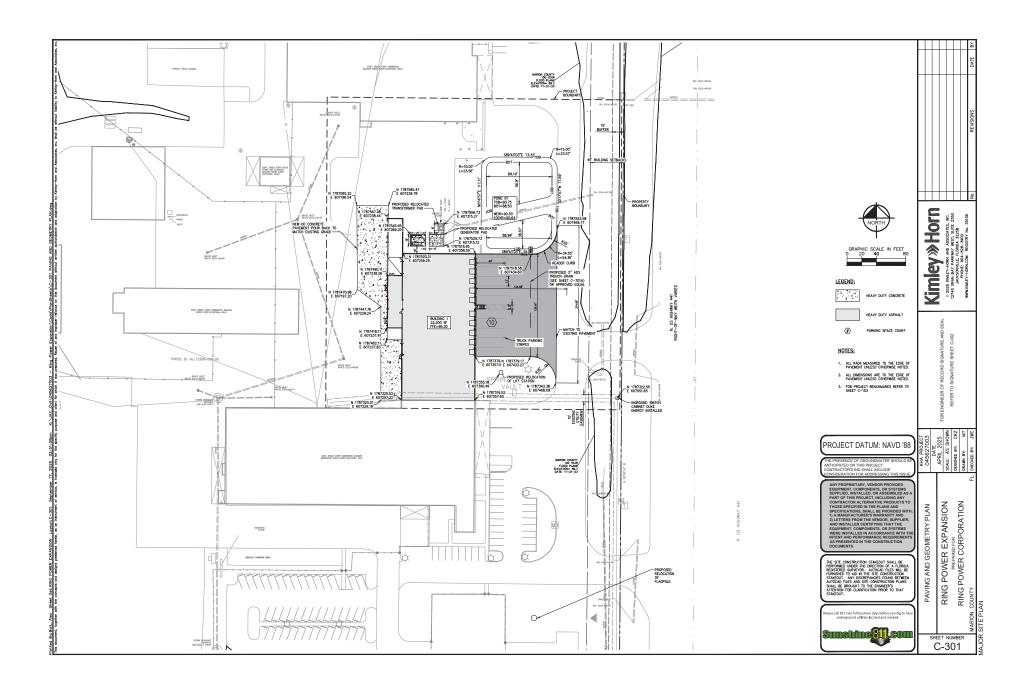


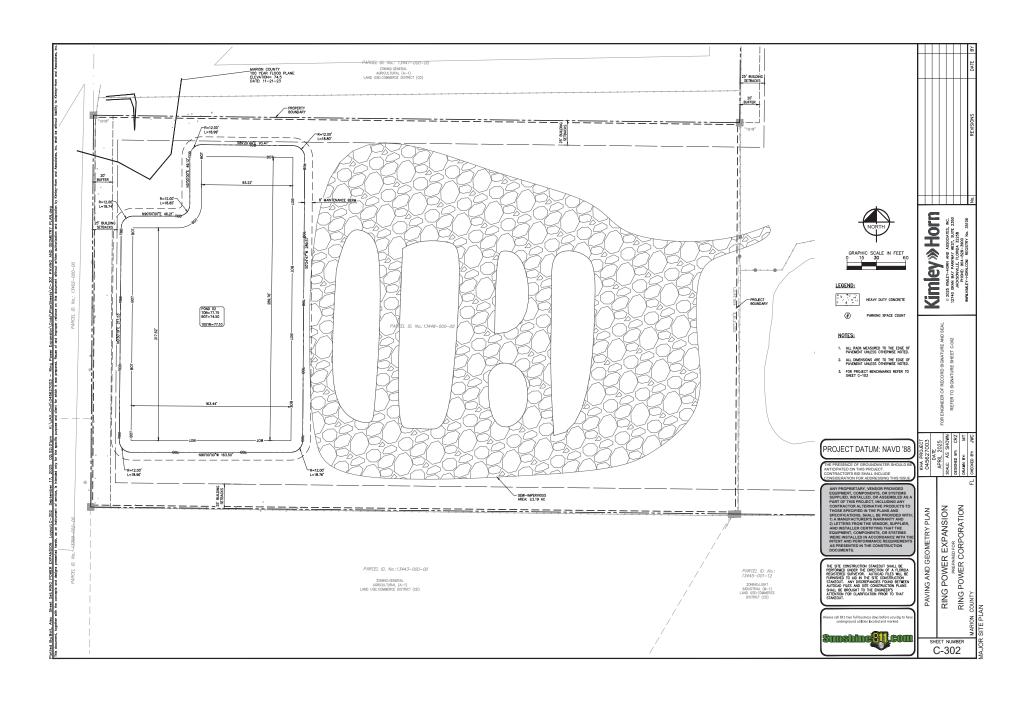


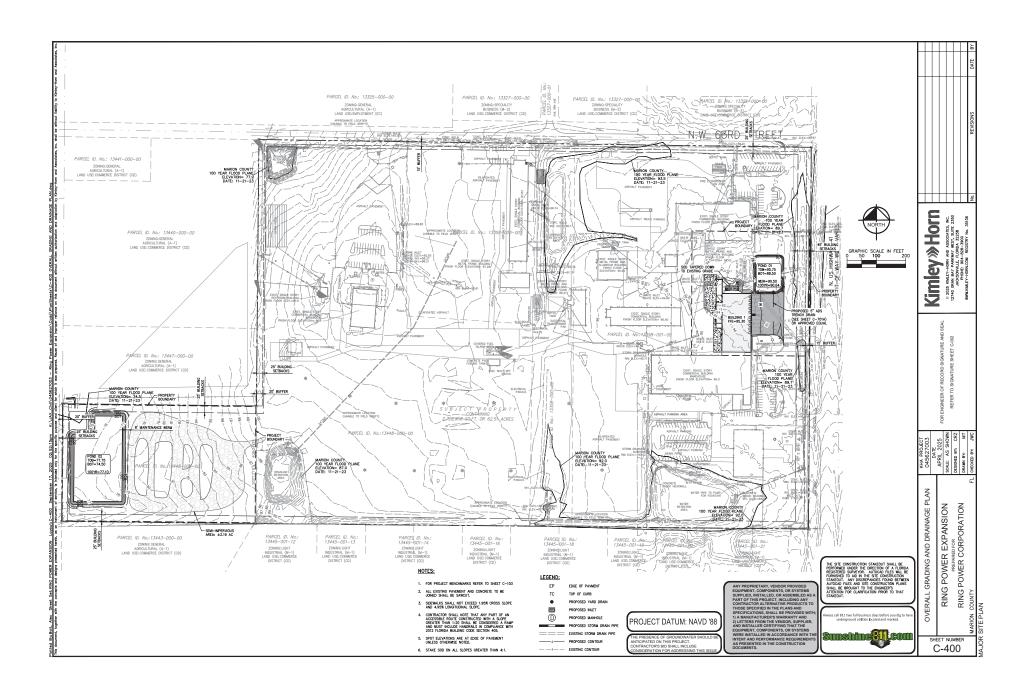


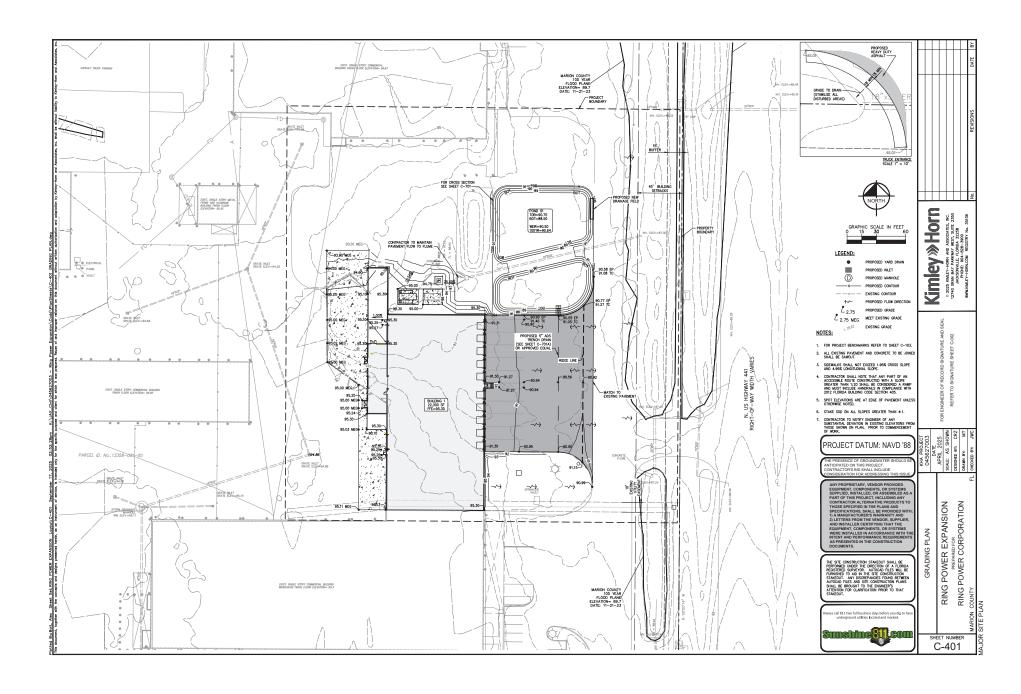


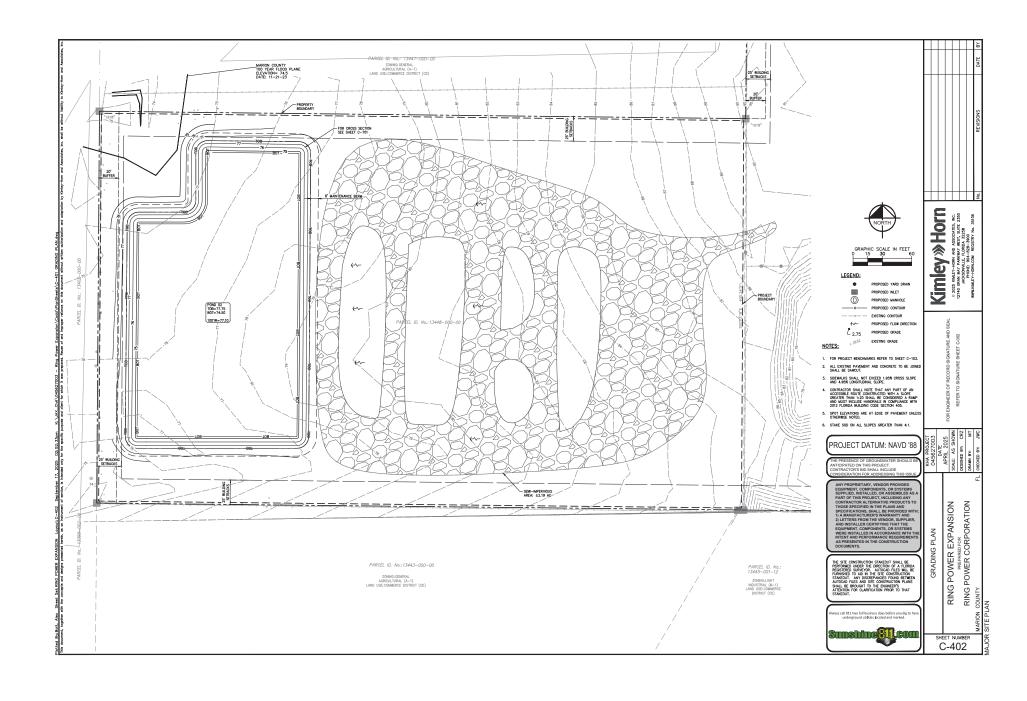


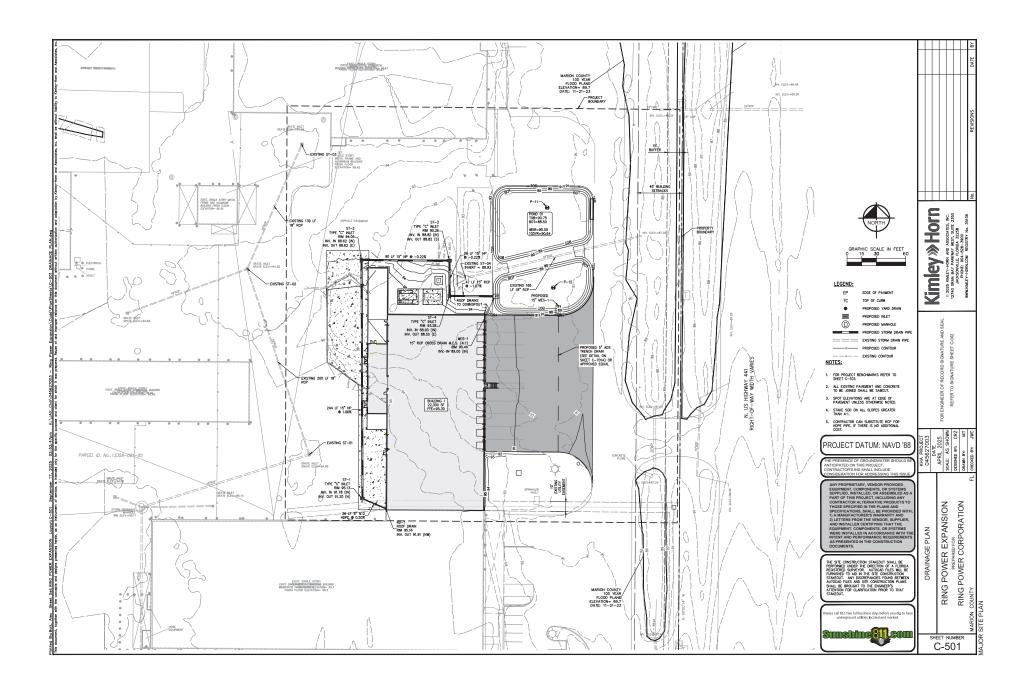


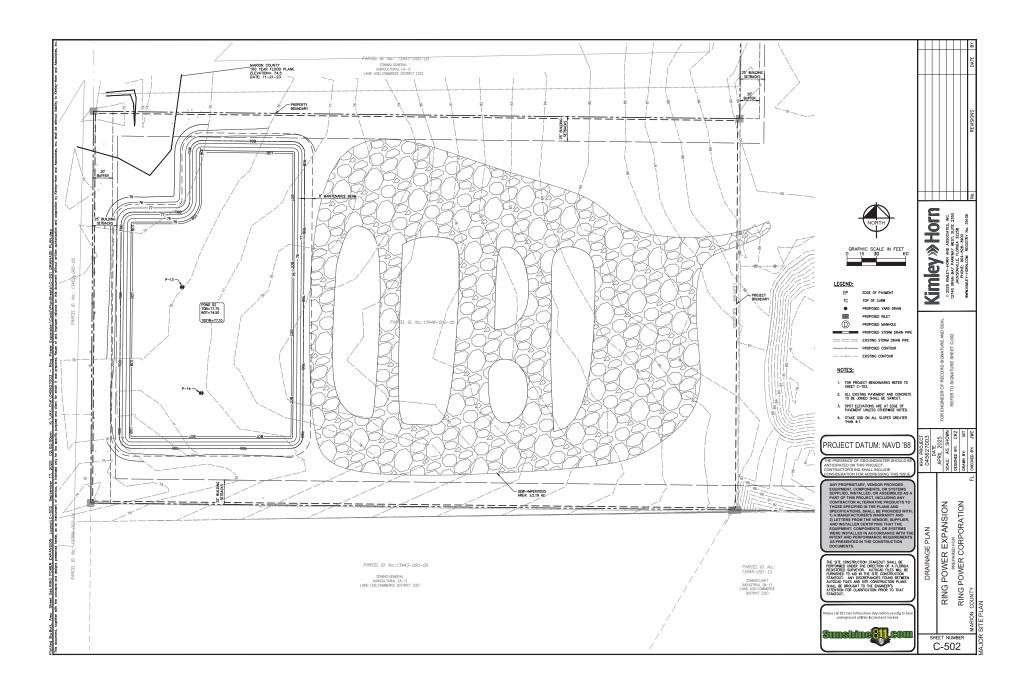


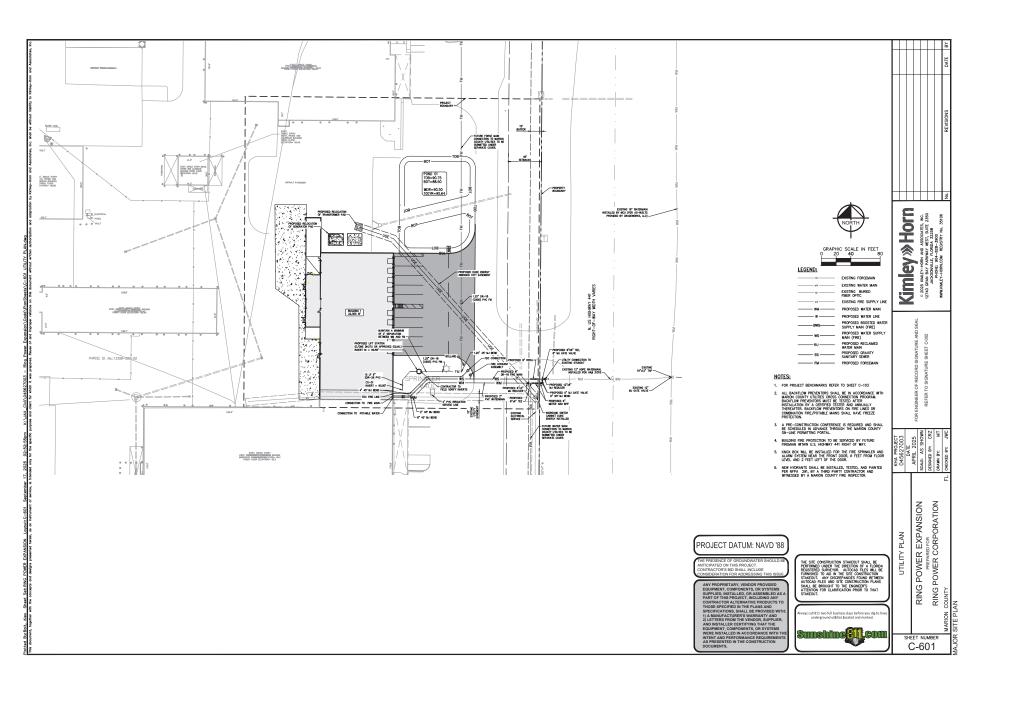




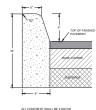




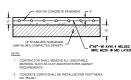




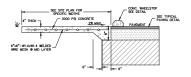












FLUSH SIDEWALK AND PAVEMENT SECTION PROHOADWG N.T.S.

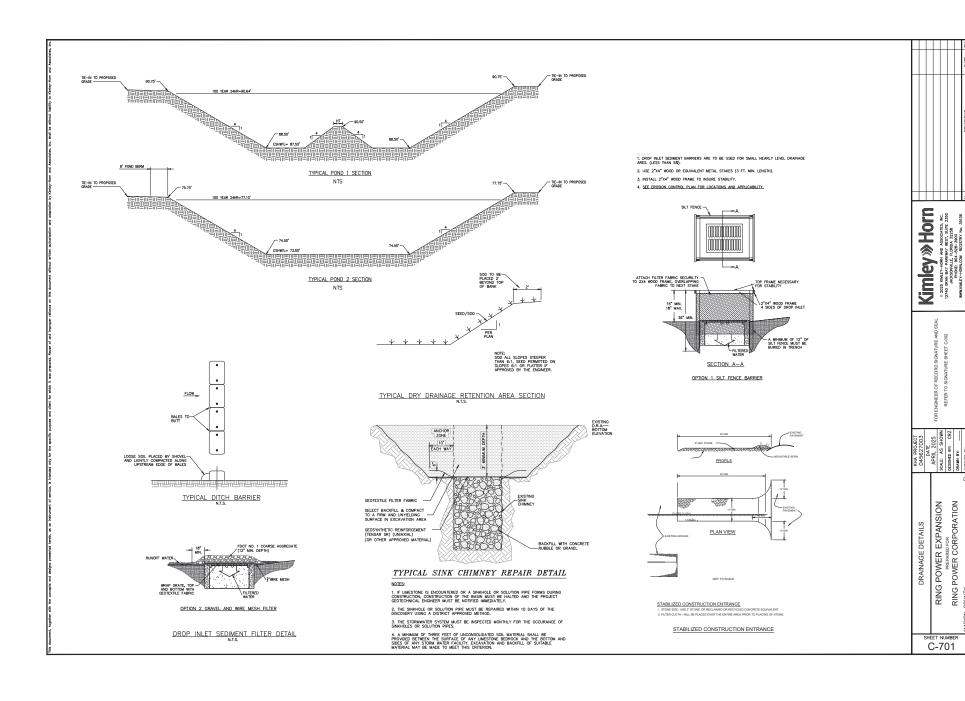
•		0 2025 KIMLEY-HORN AND ASSOCIATES, INC.	JACKSONVILLE, FLORIDA 32258	φ.	MWM.KIMLET-HUKN.COM REGISTRY NO. 33106

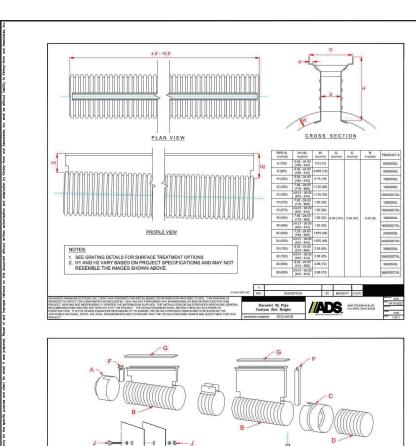
NGINEER OF RECORD SIGNATURE AND SEAL REFER TO SIGNATURE SHEET C-002

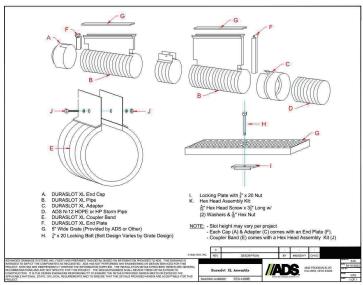
| A PARIL 2025 | PORIL 2025 | P

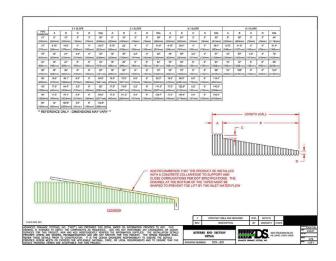
SITE DETAILS
RING POWER EXPANSION
PREPARED FOR
RING POWER CORPORATION
ON COUNTY

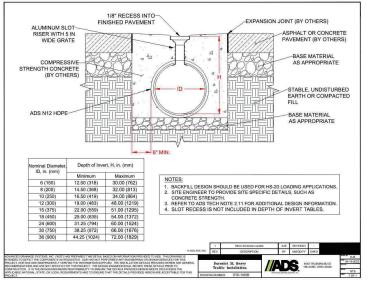
SHEET NUMBER C-700



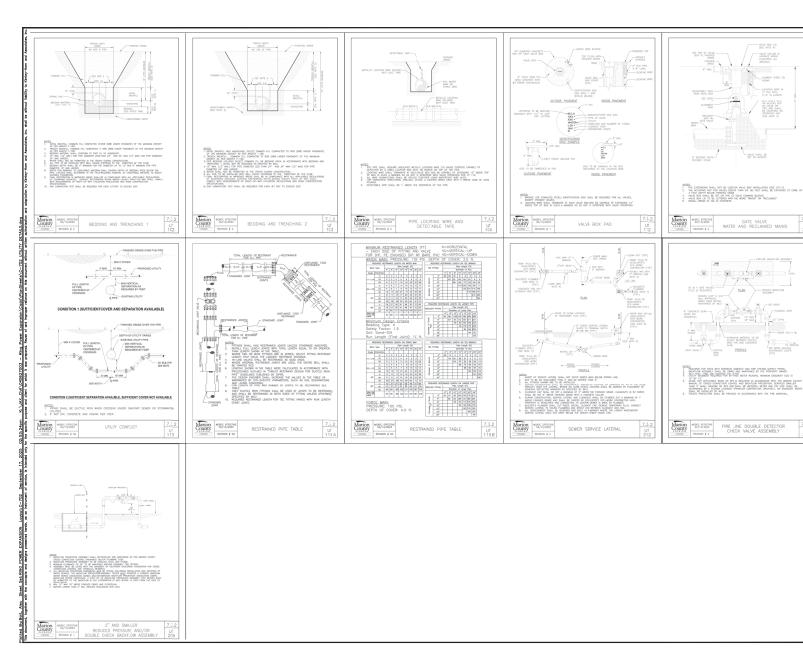








						No.	
Windlaw William			© 2025 KIMLEY-HORN AND ASSOCIATES, INC.	12740 GRAN BAY PARKWAY WEST, SUITE 2350 JACKSONVILLE, FLORIDA 32258	WWW.KDMIFY-HORN.COM. REGISTRY No. 35106		
		FOR ENGINEER OF RECORD SIGNATURE AND SEAL		KEPEK TO SIGNALINE SHEET C-002			
KHA PROJECT 045627003	DATE	APRIL 2025	SCALE: AS SHOWN	DESIGNED BY: CRZ	DRAWN BY:	FL снескер вт:	
DRAINAGE DETAILS			ANSION		KING POWER CORPORATION	MARION COUNTY FL O	MAJOR SITE PLAN
	С		70	мві 17	R A		MAJOR:



MANUTO THREE CO THE MANUTO THREE CO THREE CO	
Some shorts of its coston was an embassion as small and its coston	imley » Horn
FIGURE BOOTON ALBORY FINANCIAL BOOTON ALBORY	Kimley WHO 10 12 12 2025 KINLEY-HERR AND ASSOCIATES 12740 GRAW BAY, PARKWAY WEST, SUITE MOSSIANCE AND ASSOCIATES AND ASSOCIATE
THE SECOND SECON	F RECORD SIGNATURE AND SEAL SIGNATURE SHEET C-002

FOR E

KHA PROJECT 045627003 0ATE APRIL 2025 SCALE. AS SHOWN DESIGNED BY: CRZ DRAWN BY:

RING POWER EXPANSION RING POWER CORPORATION

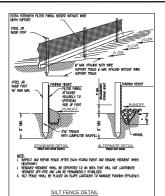
SHEET NUMBER

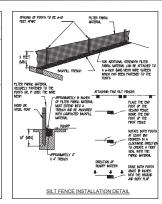
C-702

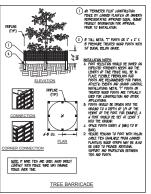
UTILITY DETAILS

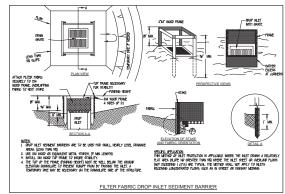
UNIVE COLLAR IN UNPWED AREAS (CONCRETE ALL AROUND)

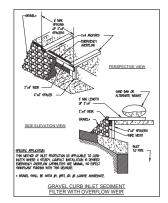
FIRE UNE DOUBLE DETECTOR CHECK VALVE ASSEMBLY

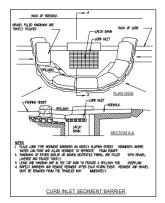


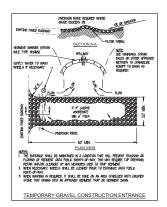


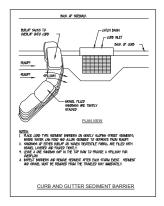


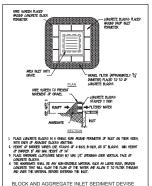


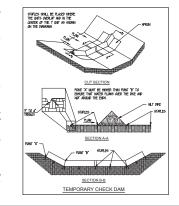


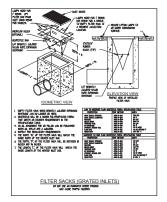


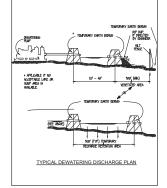


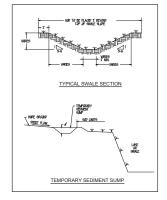


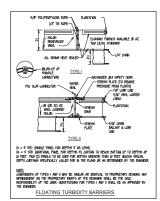












C-703

Kimley WHOrn

2 223 KMLT-HEN AND ASSIGNES, INC.
17740 GAN BAT PROVINGES, STEE 2500
ACCOUNT, FIGURA 32200
WMALMLT-HENGLOW RESSERVED.

STORM WATER POLLUTION PREVENTION PLAN

SITE DESCRIPTION:

PROJECT NAME AND LOCATION:

RING POWER EXPANSION 6200 N US HWY 441 OCALA, FLORIDA 34475

*SEE COVER SHEET FOR LOCATION MAP

DEVELOPER NAME AND ADDRESS:

RING POWER CORPORATION 500 WORLD COMMERCE PARKWAY ST. AUGUSTINE FL 32092 CONTACT: SHANE D. MCLAUGHLIN (907) 737-7730

PROJECT DESCRIPTION:

THE PROJECT WILL CONSIST OF PARTIAL SITE DEMOLITION, BUILDING CONSTRUCTION AND ASSOCIATED PAVING, GRADING, DRAINAGE AND UTILITY

CONTRIBUTING DRAINAGE AREA: 62.03 ACRES

ULTIMATE RECEIVING WATERS: N/A ACTIVITIES THAT REQUIRE EROSION CONTROL:

SITE CLEARING AND GRUBBING; PROVIDING A STABILIZED CONSTRUCTION ENTRANCE, PERIMETER, AND OTHER EROSION AND SEDIMENT CONTROLS, S GRADING; INSTALLATION OF STORM WATER, SANITARY SEWER, AND WATER INFRASTRUCTURE; CURB AND GUTTER, ROADWAYS, AND SIDEWALKS; SITE

*SEE PLANS FOR THE LOCATION OF TEMPORARY SEDIMENT BARRIERS AND OTHER EROSION CONTROL METHODS

SUGGESTED SEQUENCE OF MAJOR ACTIVITIES:

THE ORDER OF SITE CONSTRUCTION ACTIVITIES IS AS FOLLOWS:

- PROVIDE STABILIZED CONSTRUCTION ENTRANCE
- INSTALL SILT FENCES AND OTHER FROSION CONTROL MEASURES.
- CLEAR AND GRUB FOR SEDIMENT BASIN/STORMWATER POND/ EARTH DIKE CONSTRUCT STORMWATER PONDS, EARTH DIKE, AND SEDIMENT BASINS
- FINISH CLEARING AND GRUBBING OF SITE REMOVE AND STORE TOPSOIL
- PROVIDE INITIAL GRADING AS REQUIRED
- PROVIDE INITIAL GRADING AS REQUIRED
 STABILIZE ALL DISTURBED AREAS AS SOON AS POSSIBLE
 INSTALL BASE TO ROAD AND PARKING AREA
 FINISH GRADING ENTIRE SITE

- PROVIDE REQUIRED LANDSCAPING
- CONSTRUCT PAVING
- 14 REMOVE ACCUMULATED SEDIMENT
- REMOVE ANY ITEMS THAT ARE NOT REQUIRED

THE SEQUENCE OF CONSTRUCTION SHOWN ABOVE IS A GENERAL OVERVIEW AND IS INTENDED TO CONVEY THE GENERAL CONCEPTS OF THE EROSION CONTROL DESIGN AND SHOULD NOT BE RELIED UPON FOR CONSTRUCTION PURPOSES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETAILED PORPOSES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETAILED PHASING AND CONSTRUCTION SEQUENCING NECESSARY TO CONSTRUCT THE PROPOSED IMPROVEMENTS INCLUDED IN THESE PLANS. THE CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING, IMMEDIATELY, PRIOR TO AND/OR DURING CONSTRUCTION IF ANY ADDITIONAL INFORMATION ON THE CONSTRUCTION SECUENCE IS NECESSARY CONTRACTOR IS SOLELY RESPONSIBLE FOR COMPLYING WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION AND ALL OTHER APPLICABLE LAWS.

- FURTHERMORE; ENGINEER HAS NO CONTROL OVER OR RESPONSIBILITY FOR THE CONSTRUCTION MEANS AND METHODS OF THIS PROJECT. ANY TURBIDITY OR SEDIMENT RELEASES FROM THE PROJECT ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR
- THIS DOCUMENT AN ITS CONTENTS ARE PROVIDED FOR GENERAL SWPPP GUIDANCE AND FOR CONTRACTOR CONVINCE.

 CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTATION AND MAINTENANCE
- CONTRACTOR'S RESPONSIBLE FOR IMPLEMENTATION AND MAINTENANCE OF THE SWEPP ATTIMES. SOON TRACTOR SHALL BE PREPARED TO USE ANY NECESSARY METHODS FOR TURBIDITY CONTROL FROM THE SITE, INCLUDING POTENTIAL USE OF CHEMICAL DOSING/ADDITIVES (I.E. POLYACRYLAMIDE) TO ACHIEVE THE ACCEPTABLE ETPLICANT CRITERIA LEAVING THE SITE.

STABILIZATION PRACTICES:

TEMPORARY STABILIZATION - TOPSOIL STOCK PILES AND DISTURBED PORTIONS TEMPORARY STABILIZATION — TOPSOIL STOCK PILES AND DISTURBED PORTIONS OF THE STE WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASE FOR AT LEAST 21 DAYS, SHALL BE STABILIZED WITH TEMPORARY SEED AND MULCH WITHIN 14 DAYS OF THE LAST CONSTRUCTION ACTIVITY IN THAT AREA. THE TEMPORARY SEED REQUIRED CAN BE FOUND IN TABLE 1.65 A OF THE FLORIDA DEVELOPMENT MANUAL. PRIOR OF 0 SEEDING, WHERE SOILS ARE ACIDIC 2 TONS OF PULLVERIZED AGRICULTURAL LIMESTONE SHOULD BE ADDED PER ACRE AND OF MULYER/LED AGADIC UPARL IMPROVES STOUCH DE ADJOED ME AGA ARA 405 POUNDS OF 10-20-20 FERTILIZER SHALL BE APPLIED TO EACH ACRE. AFTER SEEDING, EACH AREA SHALL BE IMMEDIATELY MULCHED WITH STRAW OR EUWAGENET EQUAL. AREA OF THE SITE WHICH ARE TO BE PAYED SHALL BE TEMPORARILY STABILIZED BY APPLYING GEOTEXTILE AND STONE SUB-BASE UNITE BITMINDS PAYEMENT CAN BE APPLIED.

PERMANENT STARILIZATION - DISTLIBRED PORTIONS OF THE SITE WHERE PERMANENT STABILIZATION — DISTURBED PORTIONS OF THE STIE WHERE CONSTRUCTION ACTIVITIES PERMANENTLY CEASES SHALL BE STABILIZED WITH PERMANENT SEED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTURITY. THE APPROPRIATE PERMANENT SEED MIX CAN BE FOUND IN TABLE 1.66A, 1.66B AND 1.66C OF THE FLORIDA DEVELOPMENT MANUAL. PRIOR TO SEEDING, 2 TONS/ACRE OF FINELY GROUND AGRICULTURAL LIMESTONE AND THE PROPER FERTILIZER BASED ON THE TYPE OF SEEDING SHALL BE APPLIED TO EACH ACRE TO PROVIDE PLANT NUTRIENTS. AFTER SEEDING, EACH AREA SHALL BE MULCHED IMMEDIATELY.

STRUCTURAL PRACTICES:

EARTH DIKE — IF REQUIRED, AN EARTH DIKE SHALL BE CONSTRUCTED ALONG THE SITE PERMETER. A PORTION OF THE DIKE SHALL DIVERT RUN—ON AROUND THE CONSTRUCTION SITE. THE REMAINING PORTION OF THE DIKE SHALL COLLECT RUNOFF FROM THE DISTURBED AREA AND DIRECT THE RUNOFF TO THE SEDIMENT BASIN.

SEDIMENT BASIN — A SEDIMENT BASIN SHALL BE CONSTRUCTED IN THE COMMON DRAINAGE AREA FOR THE SITE. THIS STORAGE POND SHALL HAVE, VOLUME OF 3,500 CUBIG FEST OF STORAGE FOR EACH AGRE. ALL SEDIMENT COLLECTED IN THE BASIN MUST BE REMOVED FROM THE BASIN UPON COMPLETION OF CONSTRUCTION. SEDIMENT FROM THE BASIN MAY BE USED AS FILL ON THE SITE IF IT IS SUITABLE SOIL.

WASTE DISPOSAL:

WASTE MATERIALS - ALL WASTE MATERIALS SHALL BE COLLECTED AND STORED IN A METAL DUMPSTER WITH A SECURE LID IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE DEPOSITED IN THE DUMPSTER. THE SUPERINTENDENT SHALL SHALL BE DEPOSITED IN THE DUMPSTER. THE SUPPERNITENDENT SHALL COORDINATE WITH THE LOCAL UTILITIES TO HAVE THE DUMPSTER EMPTIED AT LEAST TWICE A WEEK AND THE WASTE TAKEN TO AN APPROPRIATE LANDFILL. NO CONSTRUCTION WASTE MATERIALS SHALL BE BURIED ON SITE. THE SUPERNITENDENT SHALL ORGANIZE TRAINING FOR THE EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH WASTE MATERIALS. SUPERINTENDENT SHALL BE RESPONSIBLE FOR POSTING AND ENFORCING WASTE MATERIAL PROCEDURES

HAZARDOUS WASTE — HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS OR AS DIRECTED BY THE MANUFACTURER. THE SUPERINTENDENT SHALL ORGANIZE THE PROPER TRAINING FOR EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH HAZARDOUS WASTE MATERIALS. THESE PROCEDURES SHALL BE POSTED ON THE SITE. THE PERSON WHO MANAGES THE SITE SHALL BE RESPONSIBLE FOR ENFORCING THE PROCEDURES.

SANITARY WASTE — SANITARY WASTE SHALL BE COLLECTED AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. THE SUPERINTENDENT SHALL CORDINATE WITH THE LOCAL UTILITY FOR COLLECTION OF THE SANITARY WASTE AT LEAST THREE TIMES A WEEK TO PREVENT SPILLAGE ONTO

OFFSITE TRACKING:

A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROVIDED TO REDUCE A STABILLEU COURT INCLINE WITHARD SHALL BE PROVIDED TO REDUCE.

SEDIMENT TRACKING OFFSITE. THE MAJOR ROAD CONNECTED TO THE PROJECT
SHALL BE CLEANED ONCE A DAY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK
RESULTING FROM CONSTRUCTION TRAFFIC. ALL TRUCKS HAULING MATERIALS
OFFSITE SHALL BE COVERED WITH A TARPAULIN.

TIMING OF CONTROL MEASURES:

THE INSTALLATION OF SILT FENCE (AND OTHER EROSION CONTROL MEASURES), A STABILIZED ENTRANCE AND SEDIMENT BASIN SHALL OCCUR PRIOR TO CLEARING AND GRUBBING ACTIVITY. AFTER CONSTRUCTION IS COMPLETE, THE ACCUMULATED SEDIMENT SHALL BE REMOVED AND THE AREAS SHALL BE REGRADED AND PERMANENTLY STABILIZED AS SHOWN ON THE PLANS.

ITEMS REQUIRING POLLUTION PREVENTION:

THE FOLLOWING ITEMS ARE EXPECTED TO BE PRESENT ON THE PROJECT SITE ASPHALT, CONCRETE, CLEANING SUPPLIES, DETERGENTS, FERTILIZERS, MASONARY BLOCKS/BRICKS, METAL PIECES, PAINT, PETROLEUM BASED PRODUCTS, ROOFING

THE FOLLOWING ARE NON-STORM WATER SOURCES THAT WILL BE ENCOUNTERED AT THE SITE AND SHOULD BE DIRECTED TO THE SEDIMENT BASIN PRIOR TO ISCHARGE.

-UNCONTAMINATED GROUNDWATER EXPOSED DURING EXCAVATION
-WATER FROM WATER LINE FLUSHING
-PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR

HAZARDOUS MATERIALS HAVE OCCURRED).

SPILL PREVENTION AND CONTROL:

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.

GOOD HOUSEKEEPING:

-SUPERINTENDENT SHALL INSPECT PROJECT AREA DAILY FOR PROPER STORAGE, USE, AND DISPOSAL OF CONSTRUCTION MATERIALS.
-STORE ONLY FOUNDER MATERIAL ON SITE FOR PROJECT COMPLETION.
-ALL SUBSTANCES SHOULD BE USED BEFORE DISPOSAL OF CONTAINER.
-ALL CONSTRUCTION MATERIALS STORED SHALL BE ORGANIZED AND IN THE PROPER CONTAINER AND IF POSSIBLE, STORED UNDER A ROOF OR PROTECTIVE COVER

PRODUCTS SHALL NOT BE MIXED UNLESS DIRECTED BY THE MANUFACTURER. -ALL PRODUCTS SHALL BE USED AND DISPOSED OF ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

HAZARDOUS PRODUCTS:

-materials should be kept in original container with labels unless the original containers cannot be resealed. If original containers cannot be used, labels and product information shall be saved. -proper disposal practices shall always be followed in accordance WITH MANUFACTURER AND LOCAL/STATE REGULATIONS.

PRODUCT SPECIFIC PRACTICES:

PETROLEUM PRODUCTS MUST BE STORED IN PROPER CONTAINERS AND CLEARLY LABELED. VEHICLES CONTAINING PETROLEUM PRODUCTS SHALL BE

LABLELD. VEHICLES CONTAINING PEINOLEUM PRODUCTS SHALL BE PERIODICALLY INSPECTED FOR LEAKS. PRECAUTIONS SHALL BE TAKEN TO AVOID LEAKAGE OF PETROLEUM PRODUCTS ON SITE. —THE MINIOUM AMOUNT OF FERTILIZER SHALL BE USED AND MIXED INTO THE SOIL IN ORDER TO LIMIT EXPOSURE TO STORM MATER. FERTILIZERS SHALL BE STORED IN A COVERED SHED. THE CONTENTS OF AMY PARTALLY USED BAGS OF FERTILIZER SHALL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILL'S

PAINT CONTAINERS SHALL BE SEALED AND STORED WHEN NOT IN LISE EXCESS PAINT MUST BE DISPOSED OF IN AN APPROVED MANNER.

-CONCRETE TRUCKS SHALL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE.

SPILL CONTROL PRACTICES:

N ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES SHALL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

SPILL CLEANUP INFORMATION SHALL BE POSTED ON SITE TO INFORM -SPILL CLEANUP INFORMATION SHALL BE POSIELD ON SIZE 10 INFORM EMPLOYEES ABOUT CLEANUP PROCEDURES NO RESOURCES.
-THE FOLLOWING CLEAN-UP COUPMENT MUST BE KEPT ON-SIZE NEAR THE MATERIAL STOKED AREA (SUCKS, MOPS, RASS, BROOMS, DUST PANS, SAND, SAWDUST, LIOUD ABSORBER, GOGGLES, AND TRASH CONTAINERS.
-ALL SPILLS SHALL BE CLEANED UP AS SOON AS POSSIBLE.
-WHEN CLEANING A SPILL, THE AREA SHOULD BE WELL WENTLATED AND THE EMPLOYEE SHALL MEAR PROFECTIVE COVERING TO PREVENT INJURY.

EMPLOYEE SHALL WAAR PROPER PROTECTIVE COVERING TO PREVENT INJURY. --CHOIC SPLLS MUST BE REPORTED TO THE PROPER AUTHORITY RECARDLESS OF THE SIZE OF THE SPILL. AFTER A SPILL, THE PREVENTION PLAN SHALL BE REVIEWED AND CHANGED TO PREVENT FURTHER SIMILAR SPILLS FROM OCCURRING. THE CAUSE OF THE SPILL, MEASURES TO PREVENT IT, AND HOW TO CLEAN THE SPILL UP SHALL BE

RECORDED.

THE SUPERINFENDENT SHALL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR AND IS RESPONSIBLE FOR THE DAY TO DAY SITE OPERATIONS. THE SUPERINFENDENT ALSO OVERSEES THE SPILL PREVENTION FLAN AND SHI BE RESPONSIBLE FOR EDUCATING THE EMPLOYEES ABOUT SPILL PREVENTION AND AND CLEANUP PROCEDURES.

EROSION AND SEDIMENT CONTROLS:

BEST MANAGEMENT PRACTICES SHALL BE USED FOR THIS PROJECT TO CONTROL EROSION AND TURBIDITY CAUSED BY STORM WATER RUN-OFF. THE LOCATION AND DETAILS OF EROSION CONTROL METHODS ARE SHOWN ON THE CONTROL METHODS ARE SHOWN ON THE PLANS. THE SUB-CONTRACTOR(S) IS/ARE RESPONSIBLE FOR PLACING AND MAINTAINING THESE CONTROL METHODS AS SHOWN ON THE PLANS OR AS REQUIRED. HE/SHE SHALL ALSO PROVIDE THE REQUIRED EROSION PROTECTION AS REQUIRED BY LOCAL, STATE AND FEDERAL LAW, OFFSITE SHALL BE COVERED WITH A TARPAULIN.

STORM WATER MANAGEMENT:

STORM WATER COLLECTION SHALL BE PROVIDED BY CURB AND GUTTER AND DRAINAGE INLETS FOR THE DEVELOPED AREAS. THE AREAS THAT ARE REGRADED BUT NOT DEVELOPED SHALL BE STABILIZED IMMEDIATELY AFTER SHALL BE STABILIZED IMMEDIATELY AFTER REGRADING. THE ENTIRE SITE SHALL DRAIN TO A SWMF. THE SWMF SHALL BE IN THE AREA OF THE TEMPORARY SEDIMENT BASINS. WHEN SLOPES HAVE BEEN STABILIZED, THE SEDIMENT THAT HAS ACCUMULATED SHALL BE REMOVED FROM THE ADDROGATE. FROM THE BASIN AND THE APPROPRIATE VEGETATION SHALL BE PLANTED.

MAINTENANCE AND INSPECTION PRACTICES

THE FOLLOWING ARE MAINTENANCE AND INSPECTION PRACTICES THAT SHALL BE COMPLETED BY THE CONTRACTOR:

-ALL SEDIMENT AND EROSION CONTROL METHODS SHALL BE CHECKED DAILY AND AFTER EACH SIGNIFICANT RAINFALL BY THE SUPERINTENDENT OR

AND AFTER EACH SIGNIFICANT RAINFALL BY THE SUPERINTENDENT OR
SOMEONE UNDER HIS/HER DIRECT SUPERVISION.

-ALL SEDIMENT AND EROSION CONTROL METHODS SHALL BE KEPT IN GOOD
CONDITION. REPRIARS MUST BE MADE WITHIN 24 HOURS OF REPORT.

-THE SILT FENCE SHALL BE CLEARED OF SEDIMENT WHEN SEDIMENT MEASURES
ONE—THIRD THE HEIGHT OF THE FENCE.

-THE SILT FENCE SHALL BE INSPECTED PERIODICALLY FOR HEIGHT OF
SEDIMENT AND CONDITION OF FENCE.

-THE SEDIMENT BASING/DITCHES SHALL BE CHECKED MONTHLY FOR DETH OF

SEDIMENT. THEY SHALL BE CLEANED WHEN SEDIMENT REACHES 10% OF

TOTAL CAPACITY AND AFTER CONSTRUCTION IS COMPLETE

INTERPRETATION OF THE CONSTRUCTION IS COMPLETE.

INTERPRETATION OF THE CONSTRUCTION IS CONTROLLED.

INTERPRETATION OF THE CONTROLLED ON THE CONTROLLED.

ALL SEEDING SHALL BE CHECKED FOR PROPER GROWTH AND UNIFORMITY.

UNISTABALIZED AREAS SHALL BE RE-SODDED.

A MAINTENANCE REPORT SHALL BE COMPLETED DAILY AFTER EACH INSPECTION OF THE SEDIMENT AND EROSION CONTROL METHODS. THE

REPORTS SHALL BE FILED IN AN ORGANIZED MANNER AND RETAINED ON—SITE DURING CONSTRUCTION. AFTER CONSTRUCTION IS COMPLETED, THE REPORTS SHALL BE SAVE FOR AT LEAST THREE YEARS. THE REPORTS SHALL BE AVAILABLE FOR ANY AGENCY THAT HAS JURISDICTION OVER EROSION

CONTROL.

THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION

AND THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION

OF THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION

OF THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION

OF THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION

OF THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION

OF THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION

OF THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION

OF THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION

OF THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION

OF THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION

OF THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION

OF THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION

OF THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION

OF THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION

OF THE SUPERINTENDENT SHALL ORGANIZE THE SUPERINT SHALL ORGA PROCEDURES AND PROPER EROSION CONTROL METHODS FOR EMPLOYEES THAT COMPLETE INSPECTIONS AND REPORTS.

CONTRACTOR'S CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORM WATER DISCHARGE ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

ı	SIGNATURE/DATE	COMPANY NAME/ADDRESS	RESPONSIBILITY
ı			
ı			
İ			
I			
İ			
I			
ł			
ı			
ı			l

Kimley WHOUN

2 222 KALET-HOW AND ASSIGNES, NC.
1721-0 GANE AT PROVEY. SET EXE
ACCOUNT, FIGURA AXXIV

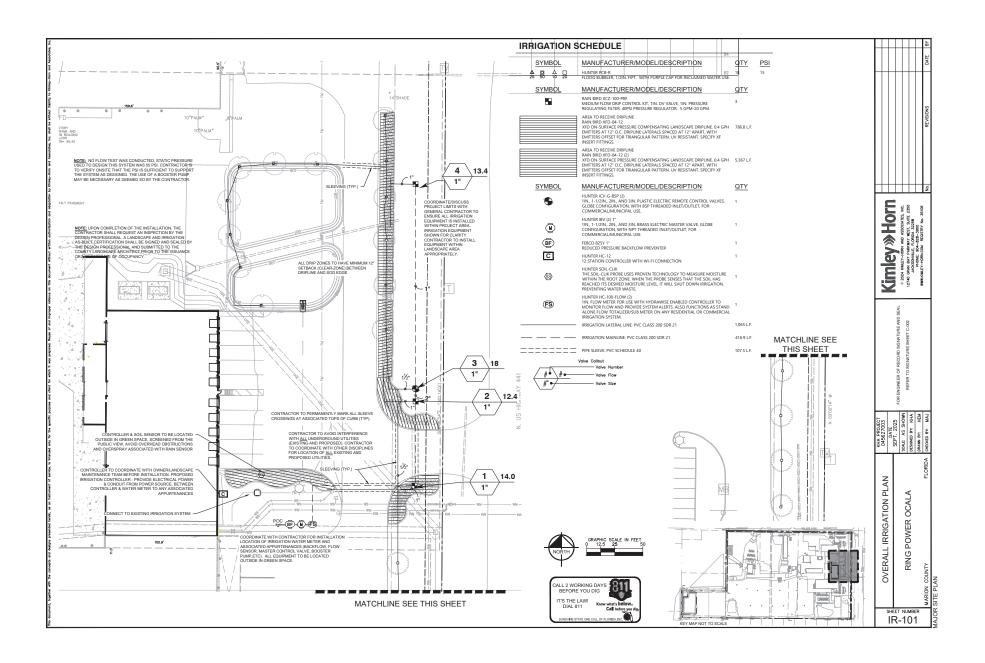
PROVE DE PAGES 1960

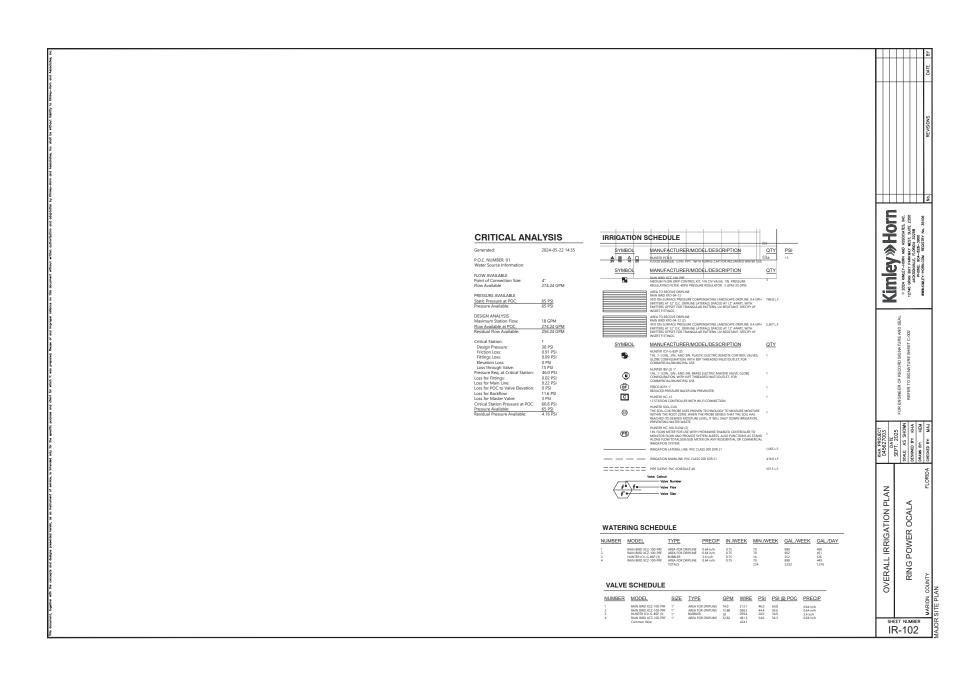
WAKMALET-HORICAN PEGES 1960

DATE
APRIL 20
SCALE: AS S
DESIGNED BY:
DRAWN BY: PLAN

STORMWATER POLLUTION PREVENTION EXPANSION RING POWER CORPORATION POWER RING

C-704





TYPICAL IRRIGATION SPECIFICATION AND NOTES

- THE SYSTEM SHALL BE DESIGNED TO PROVIDE 100% COVERAGE. ANY CHANGES MADE IN THE LAYOUT DUE
 TO FIELD CONDITIONS SHALL BE IN ACCORDANCE WITH THESE STANDARDS.
- 3. CONTRACTOR TO FIELD VERIFY ALL POINT OF CONNECTION SOURCE INFORMATION INCLUDING PSI AND GPM PRIOR TO CONSTRUCTION.
- 4. INSTALLATION OF WORK SHALL BE COORDINATED WITH OTHER CONTRACTORS IN SUCH A MANNER AS TO ALLOW FOR A SPEEDY AND ORDERLY COMPLETION OF ALL WORK ON-SITE.
- IRRIGATION DESIGN IS SCHEMATIC ONLY. FULL AND COMPLETE SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW BY THE OWNER'S REPRESENTATIVE.
- CONTRACTOR SHALL COORDINATE WITH THE PLANTING PLAN FOR PLANTER BED AND TREE LOCATIONS TO ENSURE ALL PLANT MATERIAL IS COVERED BY 100% HEAD-TO-HEAD IRRIGATION.
- CONTRACTOR SHALL PROVIDE "AS-BUILT" DRAWINGS OF THE FINAL INSTALLATION TO OWNER AT SUBSTANTIAL COMPLETION BEFORE RECEIVING FINAL PAYMENT.
- 8. IRRIGATION CONTRACTOR TO PROVIDE POWER SUPPLY TO ELECTRIC CONTROLLERS.
- 9. IRRIGATION CONTRACTOR SHALL SECURE ANY AND ALL NECESSARY PERMITS FOR THE WORK PRIOR TO COMMENCEMENT OF HIS OPERATIONS ON SITE. COPIES OF THE PERMITS SHALL BE SENT TO THE OWNERCIGENEAL CONTRACTOR. WORK IN THE R. OW. SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF LOCAL AND/OR STATE JURISDICTION.

- 12. MAINLINE SHALL NOT BE LOCATED WITHOUT PRIOR APPROVAL OF THE OWNER'S REPRESENTATIVE.
- 13. CONTRACTOR TO COORDINATE LOCATION OF ALL METERS AND BACKFLOW ASSEMBLIES WITH PROJECT OWNER.
- 14. THE IRRIGATION CONTRACTOR SHALL BE DIRECTLY RESPONSIBLE FOR SLEEVING AND DIRECTIONAL BORES.
- 15. ALL SLEEVES UTILIZED BY THE IRRIGATION CONTRACTOR WHETHER INSTALLED BY HIM OR NOT, SHALL BE 16. ALL SLEEVES UTILIZED BY THE INFRIGATION CONTRACTOR WHE THEN RISTALLED BY HIM OR NOT, SHALL LOCATED ON THE "ASBULLT" DRAWINGS. THE DEPTH BELOW FINSH GRADE. TO THE RARREST FOOT OF EACH HON OF THE SLEEVE SHALL BE NOTED AT EACH SLEEVE LOCATION ON THE "ASBULLT" DRAWINGS SLEEVES ON PLAN FOR WALL DEWETRATIONS AND UNDER SIDEWALKS SHALL BE SIZED TWO PIPE SIZES GREATER THAN THE PIPE IT CARRIES.
- 16. ALL PRESSURIZED MAINLINES AND LATERALS UNDER PAVEMENT SHALL BE WITHIN SLEEVES AS NOTED. WHERE ELECTRIC OR HYDRAULIC VALVE CONTROL LINES PASS THROUGH A SLEEVE WITH OTHER MAIN OR LATERAL LINES THEY SHALL BE CONTAINED WITHIN A SEPARATE, SMALLER CONDUIT.
- 17. SLEEVES UNDER EXISTING PAVEMENT MUST BE DIRECTIONAL BORE. OPEN CUT IS NOT AN OPTION
- 18. NUMBER THE TOP OF ALL VALVE BOX LIDS WITH MINIMUM 1" HEIGHT BLACK LETTERS TO CORRESPOND TO AUTOMATIC AND GATE VALVE DESIGNATIONS. ALL HOSE BIBB VALVE BOXES SHALL BE LABELED IN A SIMILAR MANNER WITH THE DESIGNATION THE'L LETTER OUTSIDE OF TIME CLOCK CABINETS TO CORRESPOND WITH IRRIGATION CLOCK PROGRAM DESIGNATION.
- 19. THE IRRIGATION CONTRACTOR SHALL INSTALL A COLOR-CODED METAL DETECTABLE MARKING TAPE WHICH CLEARLY NOTES: "CAUTION: IRRIGATION LINE BURIED BELOW." THE TAPE SHALL BE INSTALLED THE FULL LENGTH OF THE IRRIGATION MAININE.
- 20. ALL VALVES, SPLICES WITHIN CONTROL LINES, AND QUICK COUPLERS SHALL BE LOCATED WITHIN NDS
- RECTANGULAR 12"X17" HEAVY DUTY BOX. (PURPLE COVER FOR REUSE TO BE PROVIDED WHERE
- 21. ALL UNSIZED PIPE SHALL BE 3/4" UNLESS OTHERWISE NOTED ON PLAN. SEE LATERAL PIPE SIZING
- 22. EACH TREE AND PALM (AS SHOWN ON THE PLANS) SHALL HAVE A MIN 24 GALLON PER HOUR FLOOD BUBBLER. LOCATE BUBBLER ON THE UPHILL SIDE OF TREES ON ALL SLOPES.
- 23. ALL IRRIGATION HEADS/DRIP TUBING SHALL BE LOCATED ONE (1) FOOT FROM BACK OF CURB WHEN NEXT TO A ROADWAY. (THIS SHALL NOT INCLUDE PARKING AREAS OR DRIVE AISLES).
- 24. LOCATE ALL VALVES IN PLANTING BEDS WITH A MINIMAM OF 3'-0' FROM BACK OF CURB OR EDGE OF PAWEISHT, UNLESS OTHERWISE NOTED. PIPE SEES ON ETHER SIDE OF SECTION VALVES CONNECTING MINIMALIET OS ECTION LATERAL SHALE EGO (11) PIPE SEZ LAGRET THAN VALVE SEZ WHERE MAINLANS RUM PARALLEL TO PAVEISHET OR CURBING, THE MAINLINE SHALL BE OFFSET 2'-0' FROM THE EDGE OF PAVEISHET OR CURB.
- 25. IRRIGATION ZONES SHALL BE SEPARATED FOR HIGH AND LOW WATER USE REQUIREMENTS AND OPERATED ON DIFFERENT WATERING CYCLES. BUBBLERS, DRIPLINE, AND SPRAY HEADS SHALL BE SEPARATED ON DIFFERENT VALVES. AT NO TIME SHALL MULTIPLE IRRIGATION HEAD TYPES BE LOCATED ON THE SAME VALVE
- 26. ALL DRIP ZONES SHALL BE INSTALLED WITH A FLUSH VALVE AND AIR RELIEF VALVE. IN THE EVENT THAT A DRIP ZONE HAS MORE THAN ONE HIGH OR LOW POINT, MORE THAN ONE AIR RELIEF VALVE OR FLUSH VALVE WILL BE REQUIRED FOR THAT ZONE. DRIPLINE SHALL PROVIDE 0.5 GPH EMITTERS, 16" O.C. WITH 16" LINE SPACING AT A MINIMUM.

- 28. LOCATE THE AUTOMATIC RAIN SENSOR SHUTOFF DEVICE IN AN AREA THAT IS UNOBSTRUCTED BY TREES, ROOF OVERHANGS, OR ANY OTHER OVERHEAD OBJECT. THE SENSOR SHALL NOT BE PLACED WITHIN THE SPRAY ZONE OF ANY SPRINGER HEAD, INCLUDING OFF-SITE RIRIGATION. CONTRACTOR SHALL LOCATE SENSOR WITHIN CLOSE PROXIMITY TO THE IRRIGATION CONTROLLER.
- 29. CONTRACTOR SHALL PERFORM HYDRO-TESTING OF MAIN LINES.

HYDRO-TESTING TO BE PERFORMED AS LISTED:

THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE CONTINUENT 489 HAUSE IN ADJUNCE OF TESTING, PRIOR TO ADDOCRIFILING, CONTRACTOR SHALL RELIT PRIOR WITH WATER IN HIS PRESENCE OF THE OWNER'S REPRESENTATIVE. TAKING CABE TO PRICE THE ARR FROM IT, A SMALL, HIGH PRESSURE FUMP OR HOTHER MEMORY OF MANTANING A CONTROLLOW WITE SUPPLY SHALL BE COMECUTED TO THE PHING AND OTHER MEMORY OF MANTANING A CONTROLLOW WITE SUPPLY SHALL BE COMECUTED TO THE PHING AND ANY MECESSARY CORRECTIONS AND RETEST THE SYSTEM MAINTE. THE OWNER'S REPRESENTATIVE IS SATISFIED THAT THE SYSTEM IS READOWNLY SOUND.

- 30. ALL WIRING FOR CONNECTION OF THE VALVES TO THE CONTROLLER SHALL FOLLOW MANUFACTURERS SECRETATIONS IF FIGURED ALL WINNE, FOR A TWO WIRE PART SHALL BE WITH REDRILL IT WINTED PART HAVING LECTIFIC CONTROL LIKES FROM THE DECORDET FOR THE SCHEDIO WANTES SHALL BE WINTED PART IS AWIS ALL DECORDES SHALL BE GROUNDED EVERY 1,000 L.F. OR EVERY 10 DEVICES. ALL WINE SHALL BE HORINGHED IN MINIMAL 2007 REES, AND SELPICIAS SHALL BE MINIMAZID BURY SHALL BE TAKED AND LIKE AT ALL 20 VICE CONTROLLERS ONLY. IRREGATION SYSTEM CONTROL SHALL BE TWO WIRE PATH. CONTROLCTOR SHALL FOLLOW ALL MANAGEATURERS REQUIREMENTS FOR THIS BRYSTALLATION. TWO MEET SYSTEM SHALL HAVE 2 -WAY COMMUNICATIONS FIELD PROGRAMMABILITY, STATION SPECIFICATIONS AND INTEGRATED SURGE PROTECTION.
- 31. ALL CONTROL WIRE SHALL BE INSTALLED IN A 1-1/4" ELECTRICAL CONDUIT.
- 32. CONTRACTOR TO MINIMIZE IRRIGATION OVERTHROW TO IMPERVIOUS AND NATURAL AREAS THROUGH
- 33. ALL UNIMPROVED AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION BY THE CONTRACTOR.
- 34. INSTALL ALL BACKFLOW PREVENTION DEVICES AND ALL PIPING BETWEEN THE POINT OF CONNECTION AND THE BACKFLOW PREVENTER AS PER LOCAL CODES, FINAL LOCATION SHALL BE DETERMINED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.



NOTE: PURPLE PIPE AND NON POTABLE EQUIPMENT, INCLUDING VALVE BOXES, VALVE HANDLE AND HEAD TOPS ARE REQUIRED ON ALL ZONES

Kimley » Horn

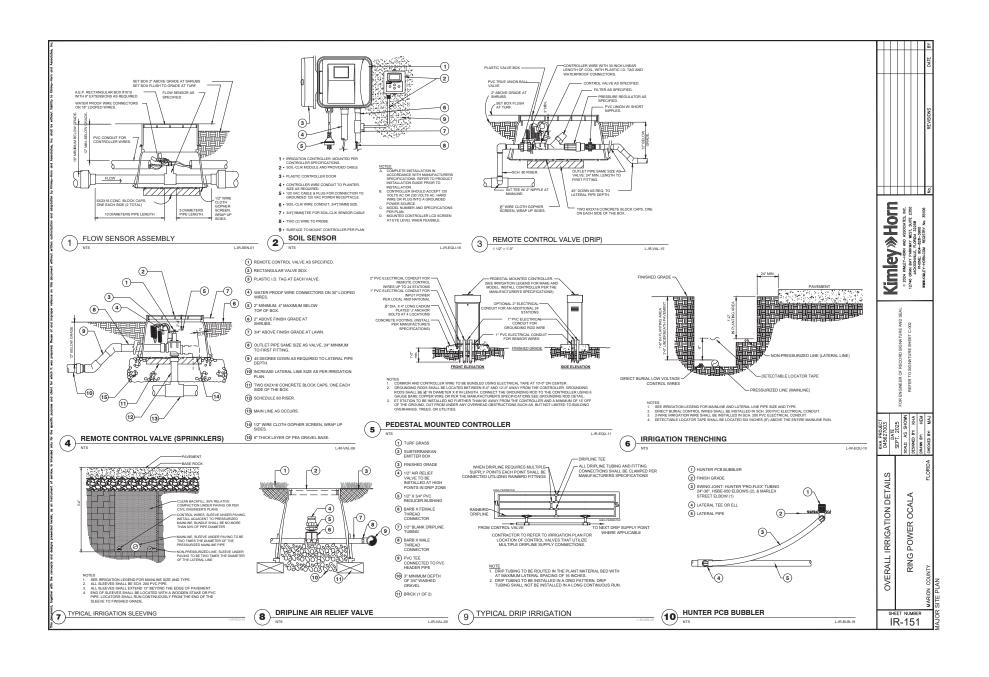
• 2224 KMLF-HORN AND ASSOURS, INC.

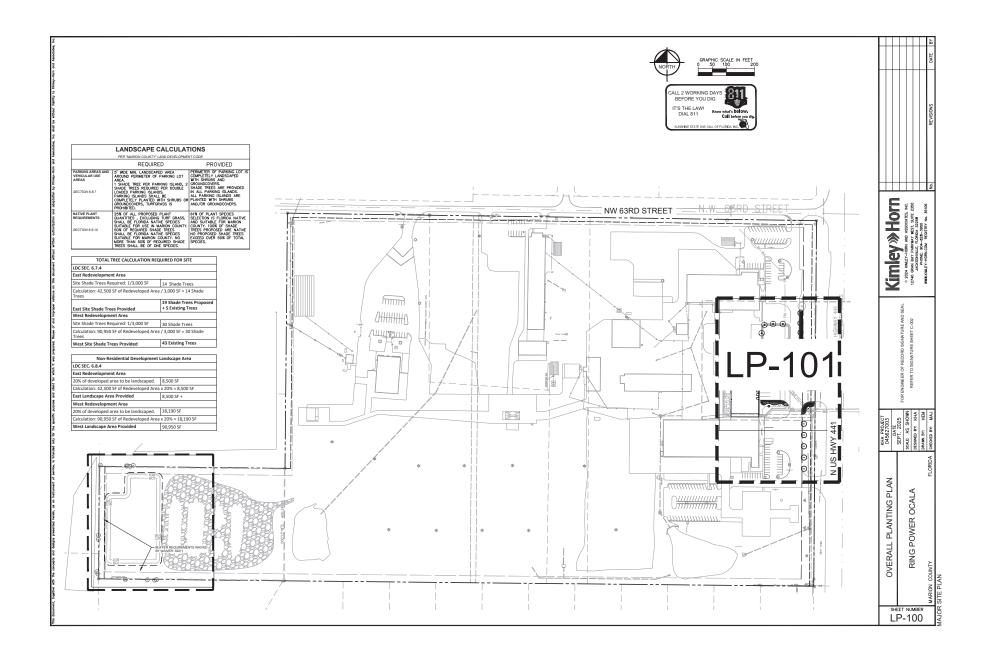
17240 GANN BY PROPER, WILL THOSE WASTES OF THE ZOO ADDISORMER, THOSE WASTES OF THE ZOO ADDISORMER.

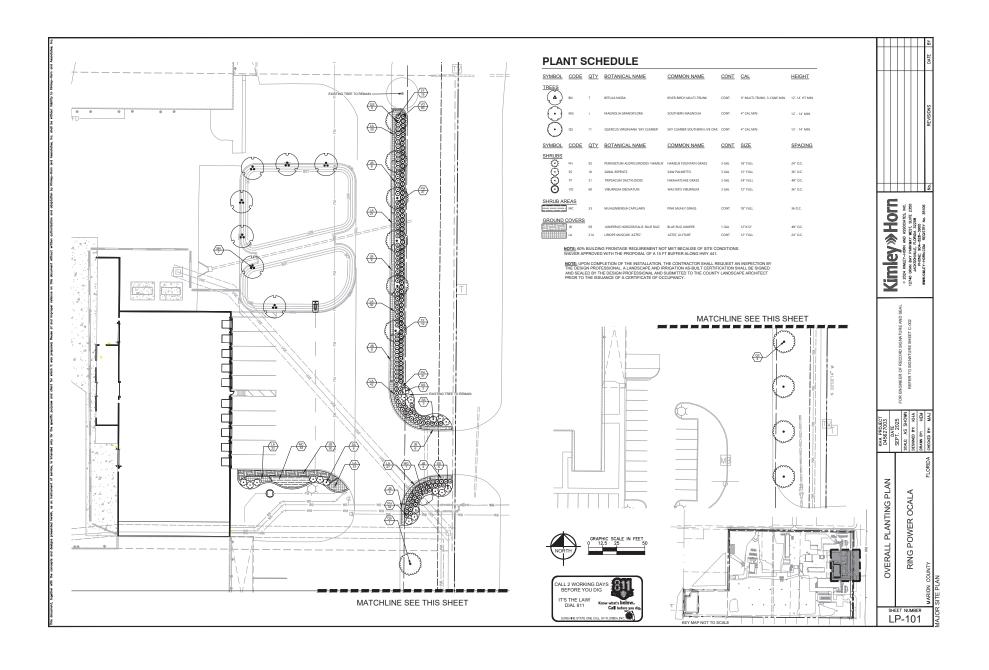
045627003
DATE
SEPT. 2025
SCALE: AS SHOWN
DESIGNED BY: KHA IRRIGATION NOTES OCAI POWER :

RING SHEET NUMBER IR-150

OVERALL







TYPICAL PLANTING NOTES

- THE WORK CONSISTS OF, OBTAINING ALL APPLICABLE PERMITS, FURNISHING ALL LABOR, MATERIALS, EQLIPMENT, TOOLS, TRANSPORTATION, AND ANY OTHER APPLICEMENTS, TECHNICAL FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THE DRAWINGS, AS INCLUDED IN THE PLANT LIST, AND AS SPECIFIED HERRIN.

- ALL DISTRING BILLIDINGS, WALKS, WALLS, PAVING, PRIVIS, OTHER STET CONSTRUCTION ITEM, AND PLANTING, AREADY COMPLETED OR STABLESHED AND DESIGNATED TO BERAINS HALL BE FORTICETED FROM DAMAGE 87 HE CONTRACTOR BLIESS OF DEFINING SPECIFIC ALL DAMAGE RISLITING FROM NEGLIGENCE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER, AT NO COST TO THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL NECESSARY BMP DEVICES ACCORDING TO ALL REGULATORY
 AGENCY'S STANDARDS THROUGH THE DURATION OF ALL CONSTRUCTION ACTIVITIES.
- 3. THE CONTRACTOR SHALL SUBMIT A RETAILED PROJECT SPECIFIC WORK ZONE TRAFFIC CONTRIOL PLAN LINEES THE WORK REQUIRES NOTHING KNOW, THAN A DRIEST APPLICATION OF THE DIRECTION OF THE THAN OF THE DIRECTION OF THE THE DIRECTION OF THE THAN OF THE DIRECTION OF THE THAN OF THE DIRECTION OF THE THAN OF THE DIRECTION OF THE THAN OF THE DIRECTION OF T
- THE CONTRACTOR PAGE, SE SECONDES TOU COUNTY AS A UNITIES, WELLES FAIR, OR SHAFE, FROM TO DEALWOOK THE REPORTATION AND ADMINISTRY SERVICE DESIRED UPSECREDUL COUNTY AND ADMINISTRY AND ADMINISTRY OF THE PAGE OF APPLICATION AND ADMINISTRY OF THE PAGE
- 6. CALL ONE CALL (811) TO LOCATE UTILITIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION
- PROTECTION OF EXISTING PLANT MATERIALS
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO TREES AND SHRUSE BUSINED OF THE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO TREES AND SHRUSE BUSINED OF THE RESPONSIBLE OF COMPACT DEFENDED OF THE RESPONSIBLE OF THE SHALL UNCLUDE COMPACT DEFENDED OF PROPERTY OF THE SHALL UNCLUDE COMPACT.

 DRIVING OF PARKING RIGIDE THE DRIFT LINE AND SPILLING OIL, GASOLINE, OR OTHER DELETERIOUS MATERIALS WITHIN THE DRIFT LINE OF THE RESPONSIBLE - 2. SEE TREE MITIGATION PLAN AND NOTES.
- 1. GENERAL

MATERIAL SAMPLES LISTED BELOW SHALL BE SUBMITTED FOR APPROVAL, ON SITE OR AS DETERMINED BY THE OWNER UPON APPROVAL, DELIVERY OF MATERIALS MAY COMMENCE.

SAMPLE SIZE
ONE (1) CUBIC POOT
ONE (1) CUBIC POOT
ONE (1) CUBIC POOT
ONE (1) CUBIC POOT
ONE (1) OF EACH VARIETY* (OR TAGGED IN NURSERY)
**IN SOME RISTANCES AN IMAGE TAKEN OF THE PLANT WITH A MEASURING STICK WILL SUFFICE TOPSOIL MIX PLANTS

- IF PLANT SPECES AND SIZE SHALL CONFORM TO THOSE ROCKATED ON THE DRAWNINGS, ALL NURSERY STOCK SHALL BE IN ACCORDANCE WHIT SIGNESS AND STREAMS FOR MASSIEST AND STATE LATTER STOTING, PRESIDENT THE FLORIDA OPPORTUNITY OF STATE DROCKED OF ANY PRODUCTS, ALL PASSES, ALL SHALL HE MANUAL VICEOUS COURS WILL ASSESS, AND SHIELD OF DESKED STATE DROCKED OF ANY PRODUCTS, ALL PASSES SHALL BE REALLY VICEOUS COURS WILL ASSESS AND AN OFFICE OF DESKED UNFORM STOCK AND SHALL ALL METHODS SHALL BE SUBJECT TO AMPROVA BE THE CONTROL SHEET ANY REQUIREMENTS AND OWNETTO DOKE HE FACTOR OF THE PLANT'S REPORTED SHOULD SHALL BE SUBJECT TO AMPOUND ANY PRODUCTS AND ANY PRO
- Is MEASUREMENTS. THE HEIGHT AND/OR WIDTH OF TREES SHALL BE MEASURED FROM THE GROUND OR ACROSS THE NORMAL SPREAM OF BRACKES WITH THE PLANTS IN THEIR NORMAC POSITION. THIS MEASUREMENT SHALL NOT INCLUDE THE IMMEDIATE TERMINAL OF LANGER HANDS IS APPROVED, THE BLALL OF BEATTH OR SHEAD OF PROSTS SHALL BE INCREASED WHO PROPORTIONS TO THE SEZ OF
- INSPECTION. PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL AT THE PLACE OF GROWTH, OR UPON DELIVERY TO THE STE, AS DETERMINED BY THE COWNER, FOR QUALITY, SEZ, AND VARSETY, SUCH APPROVAL SHALL NOT IMPAIR THE RIGHT OF INSPECTION AND RELECTION AT THE STEP DURINE, DROBESSES OF THE WORK OF AFTER COMPATION, FOR SEZ AND CONSTRUCTION OF ROOT BALLS OF ROOTS, LATEST CRETECTS OR NUMBER, REJECTED PLANTS SHALL BE REMOVED MANIEDATELY FROM THE STE NOTICE REQUESTING ROPECTION SHALL BE SUMMITTED IN WINDINGS OF THE CONTRACTION AT LESTS ON (1) WARR PROBE TO AN ATTEMPT TO ATTEMPT OF THE PLANT OF
- SOIL MIXTURE (PLANTING MEDIUM, PLANTING MIX, TOPSOIL MIX)
- 1. CONTRACTOR SHALL TEST EXISTING SOIL AND AMEND AS NECESSARY IN ACCORDANCE WITH THE GUIDELINES BELOW
- SOIL MIXTURE (PLANTING MEDIUM FOR PLANT PITS) SHALL CONSIST OF TWO PARTS OF TOPSOIL AND ONE PART SAND, AS DESCRIBED BELOW, CONTRACTOR TO SUBMIT SAMPLES AND PH TESTING RESULTS OF SOIL MIXTURE FOR OWNER'S REPRESENTATIVE APPROVAL
- a. TOPSOIL FOR USE IN PREPARING SOIL MOUTURE FOR BACKFILLING PLANT PITS SHALL BE FERTILE, FRIABLE, AND OF A LOAMY CHARACTER: REASONABLY FREE OF SUBSOIL CLAY LUMPS. BRUSH WEEDS AND OTHER LITTER: FREE OF ROOTS. STUMPS. STONES LARGER THAN 2" IN ANY DIRECTION, AND OTHER EXTRANEOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH. IT SHA THREE (3) TO FIVE (5) PERCENT DECOMPOSED ORGANIC MATTER AND HAVE A PH BETWEEN 5.5 AND 7.0.
- CONTRACTOR SHALL COORDINATE ALL EARTHWORK OPERATIONS WITHIN TREE PROTECTION AREAS WITH THE PROJECT ARBORIST PRICE TO BEGINNING WORK.
- c. ALL TOPSOIL SHALL BE NATURAL, FRIABLE, FERTILE, FINE LOAMY SOIL POSSESSING CHARACTERISTICS OF REPRESENTATIVE TOPSOIL IN THE VICINITY THAT PRODUCES HEAVY GROWTH.
- d. TOPSOIL, PH. RANGE OF 5.5 TO 7.0, 3-5 PERCENT ORGANIC MATERIAL, MINIMUM, FREE FROM SUBSOIL, OBJECTIONABLE WEEDS, LITTER SOOS, STIFF CLAY, STOMES LAGGER THAN ONE INCH IN DIAMETER, STUMPS, ROOTS, TRASH, TOXIC SUBSTANCES OR ANY OTHER MATERIAL WHICH MAY BE HAMPILT OF PLANT GROWTH.
- e. VERIFY AMOUNT STOCKPILED IF ANY, AND SUPPLY ADDITIONAL AS NEEDED FROM NATURALLY WELL-DRAINED SITES WHERE TOPSOIL OCCURS AT LEAST FOUR INCHES DEEP, DO NOT OBTAIN TOPSOIL FROM BOGS OR MARSHES.
- TREES SHALL BE PLANTED IN THE EXISTING NATIVE SOIL ON SITE, UNLESS DETERMINED TO BE UNSUITABLE AT WHICH POINT THE
 CONTRACTOR SHALL CONTACT OWNER'S REPRESENTATIVE TO DISCUSS ALTERNATE RECOMMENDATION <u>PRIOR TO PLANTING.</u>
- WATER NECESSARY FOR PLANTING AND MAINTENANCE SHALL BE OF SATISFACTIONY QUALITY TO SUSTAIN ADEQUATE PLANT GROWTH AND SHALL NOT CONTAIN HARMEN, MUTURAL OR MAN-MADE ELEMENTS DETRIMENTAL TO PLANTS. WHITE METHING THE ADDRESS TRANSPACE AND ALL BE CHEMBED ON THE SHE REFLOW THE OWNER, OF SATISFACE AND STREAM OF STREAM OF SATISFACE AND STREAM OF SAT
- * WATERING/IRRIGATION RESTRICTIONS MAY APPLY REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.
- CONTRACTOR SHALL PROVIDE FERTILIZER APPLICATION SCHEDULE TO OWNER, AS APPLICABLE TO SOIL TYPE, PLANT INSTALLATION TYPE, AND SITE'S PROPOSED USE. SUGGESTED FERTILIZER TYPES SHALL BE ORGANIC OR OTHERWISE NATURALLY-DERIVED. * FERTILIZER RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.
- MULCH MATERIAL SHALL BE MOISTENED AT THE TIME OF APPLICATION TO PREVENT WIND DISPLACEMENT, AND APPLIED AT A MINIMUM DEPTH OF THREE (3) INCHES. CLEAR MULCH FROM EACH PLANT'S CROWN (BASE), SEE PLAN FOR MULCH SPECIFICATIONS.

- I. DIGGING AND HANDLING
- PROTECT ROOTS OR PROOF BALLS OF PLANTS AT ALL TIMES FROM SUIN, DRIVING WINDS, WATER AND FREEZING, AS NECESSARY UNTIL BAUTHUSE, ILAND MATERIALS SHALL BE ADEQUATELY WASCED TO PRINCIPLE DAMAGE DURING TRANSIT THESE TRANSPORTED MODE ANTIFRANSPRANT PRODUCT FAIL BY COLOUL TO MINIMEZE TRANSPRATIONAL WASTE LOSS.
- BALLED AND BURLAPPED (B&B), AND FIELD GROWN (FG) PLANTS SHALL BE DUG WITH FIRM, NATURAL BALLS OF SOIL OF SUFFICIENT SIZE TO ENCOMPASS THE FIBROUS AND FEEDING ROUTS OF THE PLANTS. NO PLANTS MOVED WITH A ROOT BALL SHALL BE PLANTED
- PLANTS MARKED "BR" IN THE PLANT LIST SHALL BE DUG WITH BARE ROOTS. CARE SHALL BE EXERCISED THAT THE ROOTS DO NOT DRI OUT DURING TRANSPORTATION AND PRIOR TO PLANTING.
- 4. PROTECTION OF PALMS: ONLY A MINIMUM OF FRONDS SHALL BE REMOVED FROM THE CROWN OF THE PALM TREES TO FACILITATE MOVING AND HANDLING. CLEAR TRUNK (CT) SHALL BE AS SPECIFIED AFTER THE MINIMUM OF FRONDS HAVE BEEN REMOVED. ALL PALMS SHALL BE BRACED FRO ALL PLANTING DETAIL.
- CONTAINER CROWN STOCK ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS WHICH ARE OF GOOD QUALITY AND ARE IN A HEALTHY GROWING CONDITION.
- 3. ROOT BOUND PLANTS ARE NOT ACCEPTABLE AND WILL BE REJECTED.
- 4. RPG="RDOTS PLUS GROWER" CONTAINER PRODUCTS SHALL BE USED WHERE SPECIFIED.
- V MATERIALS LIST
- QUANTITIES RESESSANT TO COMPLETE PIL WORK ON THE BRAWNEGS SHALL BE FURNISHED BY THE CONTRACTOR. QUANTITY
 STIMMATE NEW SERM MADE CAREFAUL BUT THE LANDSCAPE ARCHITECT OR OWNER SOURSE HID LOBBLETY FOR OWNERS OR
 BRIDES, SHOULD A DICKERPANCY OCCUR BETWEEN THE PLANS AND THE PLANT LIST QUANTITY, THE OWNER'S REPRESENTATIVE
 SHALL BE NOTHED FOR CLAREFACTION PRIOR TO BEDOING OR INSTALLATION.
- 2. ALL DIMENSIONS AND/OR SIZES SPECIFIED SHALL BE THE MINIMUM ACCEPTABLE SIZE.
- RINE GRADING UNDER THIS CONTRACT SHALL CONSIST OF FINAL FINISHED GRADING OF LAWN AND PLANTING AREAS THAT HAVE BEEN ROUGH GRADED BY OTHERS. BERMING AS SHOWN ON THE DRAWINGS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL RINE GRADE THE LAWN AND PLANTING AREAS TO BRING THE ROUGH GRADE UP TO FINAL FINISHED GRADE ALLOWING FOR THICKNESS OF SOOD AND/OR MULCH DEPTH CONTRACTOR SHALL RINE GRADE BY HAND AND/OR WITH ALL EQUIPMENT INCESSARY INCLUDING A GRADING TRACTOR WITH FRONT-FIOL DOJDER FOR TRANSFORTING SOL WITHIN THE SITE.
- ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED FOR POSITIVE DRAINAGE TO SURFACE/SUBSURFACE STORM DRAIN SYSTEMS. AREAS ADJACENT TO BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS. REFER TO CIVIL ENGINEER'S PLANS FOR FINAL
- O PLANTING PROCEDURES
- SIEGRADE EXCHANTION CONTRACTOR IS REPONSIBLE TO REMOVE ALL ENSTING AND IMMORTED LIMBROCK AND LIMBROCK
 SIE SACE FROM ALL LIMBROCK OF REPONSIBLE ASSETS OF A MARINAUM DEPTH OF SE'OR TO NAMINE DOLL, CONTRACTOR IS RESPONSED
 AMORTIES COLORE E MINISTROCK OF DEPTH ADVISES COLORISTROCK LIMBROCK HAND THE SETS OF THE PROVINCE OF THE
 CONTRACTOR, AND POSTINE DIRAMAGE CAN NOT BE ACHIEVED, CONTRACTOR SHALL UTILIZE POOR DIRAMAGE CONCINCION
 PLANTING DETAIL.
- FURNISH NURSERY'S CERTIFICATE OF COMPLIANCE WITH ALL REQUIREMENTS AS SPECIFIED HEREIN, INSPECT AND SELECT PLANT MATERIALS BEFORE PLANTS ARE DUG AT MURSERY OR GROWING SITE.
- COMPLY WITH APPLICABLE FEDERAL, STATE, COUNTY, AND LOCAL REGULATIONS GOVERNING LANDSCAPE MATERIALS AND WORK.
 CONFORM TO ACCEPTED HORTICULTURAL PRACTICES AS USED IN THE TRADE UPON ARRIVAL AT THE SITE, PLANTS SHALL BE THOROUGHLY WATERED AND PROPERLY MAINTAINED UNTIL PLANTED, PLANTS STORED ON SITE SHALL NOT REMAIN UNPL. APPROPRIATELY HEALED IN FOR A PERIOD EXCEEDING TWENTY-FOR (24) HOURS, AT ALL TIMES WORKMANLIKE METHODS CUSTOMARY IN GOOD HORRICULTURAL PRACTICES SHALL BE EXERCISED.
- THE WORK SHALL BE COORDINATED WITH OTHER TRADES TO PREVENT CONFLICTS, COORDINATE PLANTING WITH IRRIGATION WORK TO ASSURE AVAILABILITY OF WATER AND PROPER LOCATION OF IRRIGATION APPLIETENANCES AND PLANTS.
- ALL PLANTING PITS SHALL BE EXCAVATED TO SIZE AND DEPTH IN ACCORDANCE WITH THE USA STANDARD FOR NURSERY STOCK, UNLESS SHOWN OTHERWISE ON THE DRAWINGS, AND BACK FILLED WITH THE PREPARED PLANTING SOIL MIXTURE AS SPECIFIED IN URLESS SHOWN OTHERWISE ON THE DISCONNESS, AND BALK PILLED WITH THE PREPARED PLANTINGS SHE MAKINER AS SHELPHEN SOE IMMUTURE SHOWN OF THESE SHECKLATIONS. TEST ALL THEIR PITS WITH WHATE BEFORE PARTING TO ACCURE PROPER DAW SOE IMMUTURE "POOR DRAINAGE CONDITION" PLANTING DETAIL TREES SHALL BE SET PLUMB AND HAD BY POSITION LIVINITIES PLANTING MOTURE HAS BEEN FLUSTED BY TO PLANTING DETAIL THESE SHALL BE SET PLUMB AND HAD BY PREPORTING SHALL BE PERFORMED BY THE PARTING MOTURE HAS BEEN FLUSTED BY TO PLANTING SHALL BE PERFORMED BY THE PARTING MOTURE HAS BEEN FLUSTED BY TO PLANTING SHALL BE PERFORMED BY THE PARTING MOTURE HAS BEEN FLUSTED BY TO PLANTING SHALL BE PERFORMED BY THE PARTING MOTURE HAS BEEN FLUSTED BY THE PARTING SHALL BE PERFORMED BY THE PARTING MOTURE HAS BEEN FLUSTED BY THE PARTING SHALL BE PERFORMED BY THE PARTING SHALL BY AS BEEN FLUSTED.
- 9 POLICIAN DI ANTINI COSCIDICATIONIC IN DI ANTINI DISTALI C
- FILL HOLE WITH SOIL MIXTURE, MAKING CERTAIN ALL SOIL IS SATURATED. TO DO THIS, FILL HOLE WITH WATER AND ALLOW TO SOAK MINIMUM TWENTY (20) MINUTES. STIRRING IF NECESSARY TO GET SOIL THOROUGHLY WET, PACK LIGHTLY WITH FEET. ADD MORE WET SOIL MIXTURE. DO NOT COVER TOP OF BALL WITH SOIL MIXTURE. ALL BURLAP, ROPE, WIRES, BASKETS, ETC., SHALL BE REMOVED FROM THE SIDES AND TOPS OF BALLS, BUT NO BURLAP SHALL BE PULLED FROM UNDERNEATH.
- TREES SHALL BE PRUNED, AT THE DIRECTION OF THE OWNER OR OWNER'S REPRESENTATIVE. TO PRESERVE THE NATURAL CHARACTER
 OF THE PLANT, ALL SOFT WOOD OR SUCKER GROWTH AND ALL BROKEN OR BADLY DAMAGED BRANCHES SHALL BE REMOVED WITH A
- 11. SHEUES AND GOUND COVER PLANTS DAVIL SE STREVE YEAR'S ACCORDANCE WITH THE PORTHAND A PASS.

 13. SHEUES AND GOUND COVER PLANTS DAVIL SE STREVE YEAR'S ACCORDANCE WITH THE DRAWNING AND AS ROCALTD ON THE RAYL LIST MATERIALS SHELLED SHALL MEET MANAMAS SECOMEN REQUIREMENTS OF QUARTITIES SHEW ON PLANS, WHICH YER SCIENTIFIES AND THE PLANT OF PLANT AND THE PLANT OF PLANT AND THE PLANT OF PLANT AND THE PLANT OF PLANT AND THE PLANT OF PLANT AND THE PLANT OF
- 12 TREE GUYING AND BRACING SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE PLANS TO ENSURE STABLITY AND MAINTAIN TREES IN AN UPRIGHT POSITION. IF THE CONTRACTOR AND COMMED DECDE TO VANUE THE TREE GUYING AND ABRACING, THE WORKER SHALL NOTHER PROPECT LANGESCHE ACHIEFCT IN WRITEN, AND AGREET OF LOKAMIETY AND HOLD HARMIESS THE PROJECT LANGESCHE ACHIEFCT IN THE EVENT UNSUPPORTED TREES PLANTED UNDER THIS CONTRACT FALL AND DAMAGE PRESON OR PROPERTY.
- ALL PLANT BEDS SHALL BE KEPT FREE OF NOXIOUS WEEDS UNTIL FINAL ACCEPTANCE OF WORK. P. LAWN SODDING
- THE WORK CONSISTS OF LAWN BED PREPARATION, SOIL PREPARATION, AND SODDING COMPLETE, IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND THE APPLICABLE DRAWINGS TO PRODUCE A TURE GRASS LAWN ACCEPTABLE TO THE OWNER.
- ALL AREAS THAT ARE TO BE SODDED SHALL BE CLEARED OF ANY ROUGH GRASS, WEEDS, AND DEBRIS BY MEANS OF A SOD CUTTER TO
 A DEPTH OF THREE (3) INCHES, AND THE GROUND BROUGHT TO AN EVEN GRADE. THE ENTIRE SURFACE SHALL BE ROLLED WITH A ROLLER WEIGHING NOT MORE THAN ONE-HUNDRED (100) POUNDS PER FOOT OF WIDTH, DURING THE ROLLING, ALL DEPRESS, CAUSED BY SETTLEMENT SHALL BE FILLED WITH ADDITIONAL SOIL, AND THE SURFACE SHALL BE REGRADED AND ROLLED UNTIL PRESENTING A SMOOTH AND EVEN FINISH TO THE REQUIRED GRADE.
- 3. PREPARE LOOSE BED FOUR (4) INCHES DEEP, RAKE UNTIL ALL BUMPS AND DEPRESSIONS ARE REMOVED. WET PREPARED AREA THROUGH IN
- 4 SODDING

- THE CONTRACTOR SHALL SOD ALL AREAS THAT ARE NOT PAVED OR PLANTED AS DESIGNATED ON THE DRAWINGS WITHIN THE CONTRACT LIMITS, UNLESS SPECIFICALLY NOTED OTHERWISE.
- b. THE SOD SHALL BE CERTIFIED TO MEET APPROPRIATE STATE PLANT BOARD SPECIFICATIONS, ABSOLUTELY TRUE TO VARIETAL TYPE, AND FREE FROM WEEDS, FUNGUS, INSECTS AND DISEASE OF ANY KIND.
- C. SOO PARIES SHALL SELLAR TOOTH'S DOATH'S DIA OF O MASE A SOLD SOCIOTO LAWN AREA, SOO SHALL SE LAD DIANTORIESY ARROWS THE SOCIAL SHALL SELLAR OF OTHER HARDOWN SELLAR SHALL SELLAR OF THE SHALL SH
- DURING DELIVERY, PRIOR TO, AND DURING THE PLANTING OF THE LAWN AREAS, THE SOD PANELS SHALL AT ALL TIMES BE PROTECTED FROM EXCESSIVE DRYING AND UNINECESSARY EXPOSURE OF THE ROOTS TO THE SUN. ALL SOD SHALL BE STACKED SO AS NOT TO BE
- a. WITHIN THE CONTRACT LIMITS, THE CONTRACTOR SHALL PRODUCE A DBISE, WELL ESTABLISHED LAWN. THE CONTRACTOR SHA RESPONSIBLE FOR THE REPARA AND RE-SODORING OF ALL BRODER, SUNISH OR BARES SPOTS & ARGIRE THAN 12°X12') WITHL CRETERCATION OF ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. REPAIRED SODORING SHALL BE ACCOMPLISHED AS IN THE ORIGINAL WORK (INCLUDING REGRADING IF INCESSARY).
- CONTRACTOR RECOGNICIO E EDO ESTABLICADOS AND MAINTAINING CO REPRESENTATIVE PRIOR TO AND UPON ACCEPTANCE, CONTRACTOR TO PROVIDE WATERING/IRRIGATION SCHEDULE TO OWNER. OBSERVE ALL APPLICABLE WATERING RESTRICTIONS AS SET FORTH BY THE PROPERTY'S JURISDICTIONAL AUTHORITY.
- Q. CLEANUP

UPON COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL EQUIPMENT, AND DEBISS RESULTING FROM HIS WORK. ALL PAVED AREAS SHALL BE CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S REPRESENTATIVE.

- ALL PLANTS AND PLANTING INCLUDED UNDER THIS CONTRACT SHALL BE MAINTAINED BY WATERING, CULTIVATING, SPRAYING, AND ALL OTHER OPERATIONS (SUCH AS RE-STAUNIG OR REPAIRM)CTREE GUY SUPPORTS NECESSARY) TO ENSURE A HEALTHY PLANT CONDITION BY THE CONTRACTOR OR UNIT. CERTIFICATION OF A CEPTIANCE BY THE OWNER'S REPRESENTATIVE.

R. PLANT MATERIAL MAINTENANCE

FRAIL INSPECTION AT THE END OF THE WARRANTY PERCO SHALL BE ON PLANTING, CONSTRUCTION AND ALL OTHER INCIDENTAL W PERFANNIA TO THIS CONTRACT, MAY REPLACEMENT AT THIS TIME SHALL BE SUBJECT TO THE SAME ONE (I) YEAR WARRANTY OR AS SAME REPRETION AND ACCEPTANCE (FIRST) DESCRIPE.

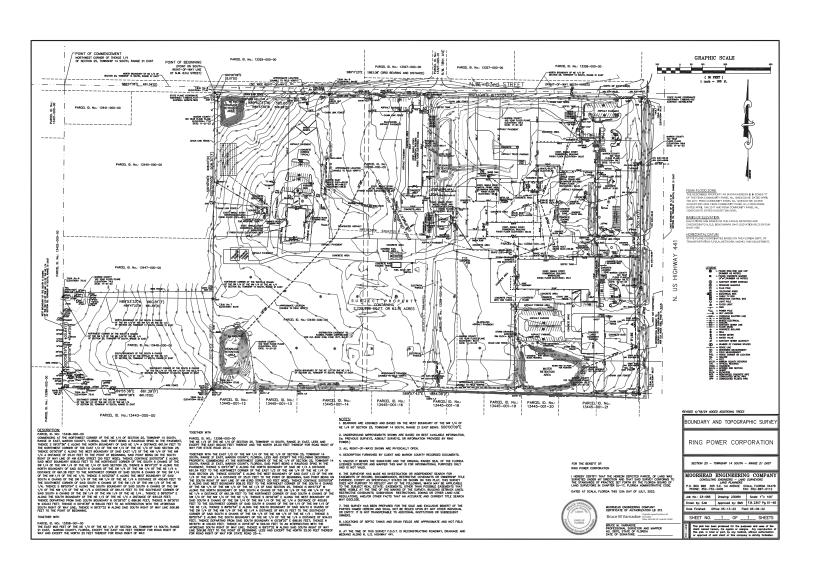
- T WARRANTY
- THE LIFE AND SATISFACTORY CONDITION OF ALL PLANT MATERIAL INSTALLED (INCLIDING SOD) BY THE LANDSCAPE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTANCE BY THE OWNERS REPRESENTATION.
- ANY PLANT NOT FOUND IN A HEALTHY GROWING CONDITION AT THE END OF THE WARRANTY PERIOD SHALL BE REMOVED FROM
 THE SITE AND REPLACED AS SOON AS WEATHER CONDITIONS PERMIT. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND
 SIZE AS SPECIFIED IN THE HANT LIST. THEY SHALL BE FUNNISHED PLANTED AND MULCHED AS SPECIFIED AT NO ADMINIAL COST TO:
- IN THE EVENT THE OWNER DOES NOT CONTRACT WITH THE CONTRACTOR FOR LANDSCAPE AND IRRIGATION MAINTENANCE, THE CONTRACTOR SHOULD WIST THE PRODUCT STEEP PRODUCTALLY DURING THE OWN (1) YEAR WARRAWNT PRECO TO DIALLIATE MAINTENANCE PROCUREDS SERIOR PERSONNED BY THE OWNERS. OWNER/ACTIONAL TOO SHOULD HE OWNER WHITH WARRAWN PRODUCTIONS SHOULD SHOULD SHOW THE OWNER OWNER WARRAWN PRODUCTION SHOULD

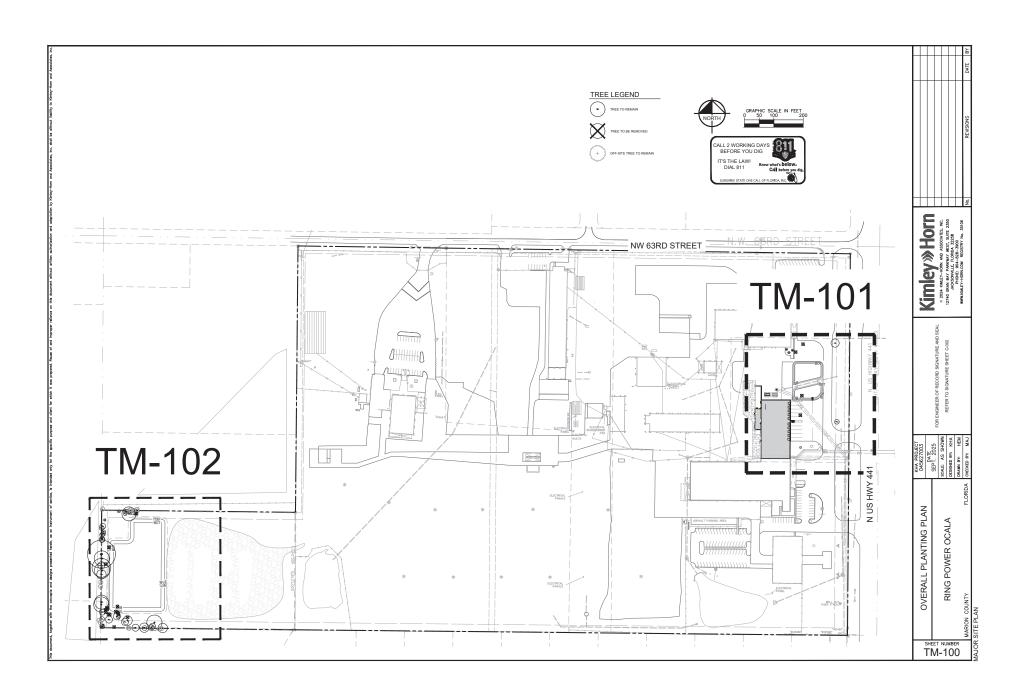
HOPEN WEST SING.
ROWN WEST, SUITE 2300
CH-REGISTRY No. 35106
CM. REGISTRY No. 35106 Kimley))

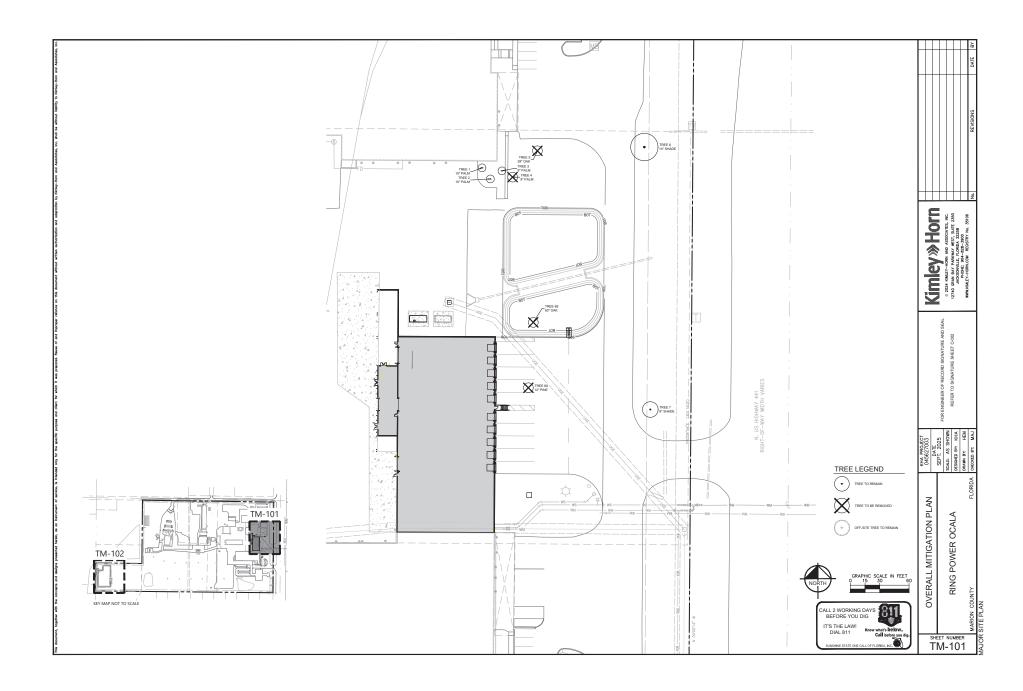
© 2024 KARET-HORN AN
1274 GRAN BAY PARKWAN,
1274 GRAN BAY PARKWAN,
PRINCES 904-88
WWINKHILET-HORN COM 1

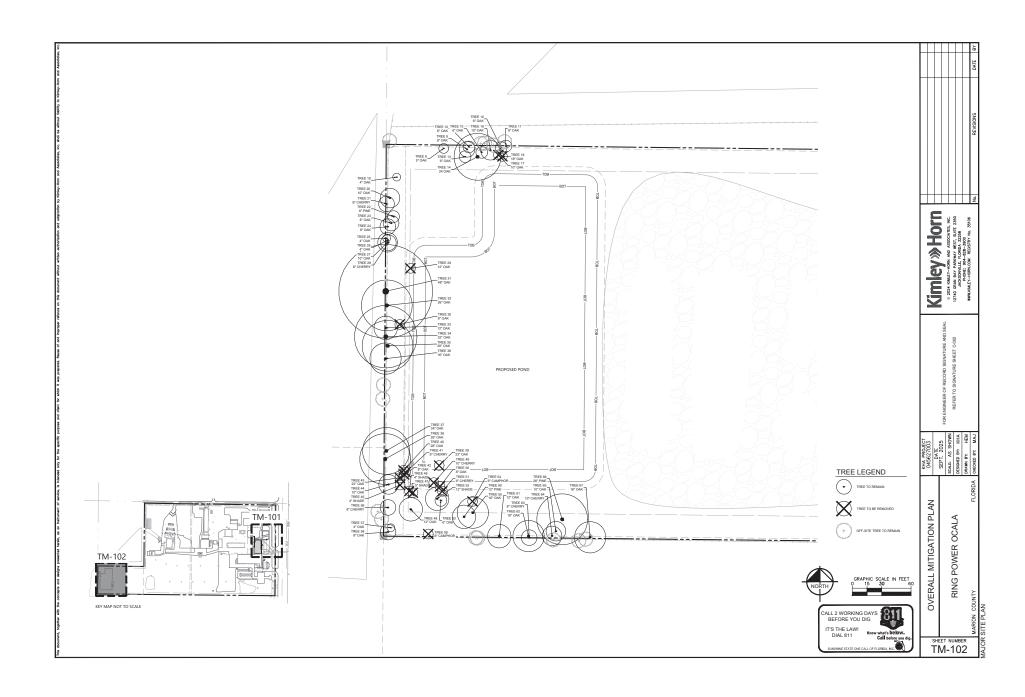
KHA PROJECT 045627003 DATE SEP! 2025 SCALE. AS SHOWN DESIGNED BY: KHA DRAWN BY: HEM CHECKED BY: MAJ Д 000 POWER 굽 RING OVE

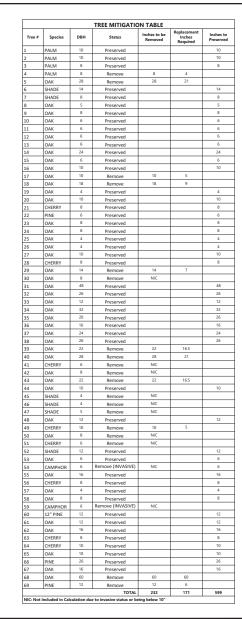
> SHEET NUMBER LP-150











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"

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	500"

Kimlev»Horn		12740 GRAN BAY PARKWAY WEST, SUITE 2350	JACKSONVILE, FLORIDA 32258	PHONE: 904-828-3900 WWW.KOMLEY-HORN.COM REGISTRY No. 35106
	FOR ENGINEER OF RECORD SIGNATURE AND SEAL	REFER TO SIGNATURE SHEET C-002		

Ę Ę							
KHA PROJECT 045627003	DATE	SEPT. 2025	SCALE: AS SHOWN	DESIGNED BY: KHA	DRAWN BY: HEM	CHECKED BY: MAJ	
ATTIGATION CALCILIATIONS			* T * O O O O O O O O O O O O O O O O O	KING POWER OCALA		COUNTY FLORIDA	

SHEET NUMBER TM-120

TREE MITIGATION SPECIFICATIONS

A. GENERAL

- CONTRACTOR SHALL ADHEAR TO ALL TREE PROTECTION REQUIREMENTS LISTED IN THESE SPECIFICATIONS AND/OR THOSE LISTED IN THE CITY OR COUNTY ZONNING CODE, TREE PROTECTION (LATEST EDITION), WHICHEVER IS MORE STRINGENT SHALL APPLY.
- 2. CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION PROCEDURES WITH THE PROJECT ARBORIST PRIOR TO BEGINNING WORLD
- ANY AREAS SUBJECT TO EROSION MUST BE ADEQUATELY STABILIZED WITH VEGETATION MATERIAL THAT WILL, WITHIN A REASONABLE TIME FRAME, DETER SOIL DISTURBANCE.
- NO SIGNS, BUILDING PERMITS, WIRES OR OTHER ATTACHMENTS OF ANY KIND SHALL BE ATTACHED TO ANY TREE OR PALM. GUY WIRES DESIGNED TO PROTECT TREES ARE EXCLUDED FROM THIS PROHIBITION.
- 5. EXISTING TREE LOCATIONS AND SIZES ARE ESTIMATES AND ARE BASED ON A SURVEY PROVIDED BY THE OWNER SELECTED SUBJECTOR
- CONTRACTOR SHALL COORDINATE TREE REMOVAL WITH PERMITTING AGENCY AND PROJECT ARBORIST PRIOR TO CONSTRUCT NO PERSON MAY REMOVE OR CAUSE TO BE REMOVED ANY PROTECTED TREE OR PALM WITHOUT FIRST HAVING PROCURED A PERMIT AS PROVIDED BY THE APPROPRIATE PERMITTING AGENCY.
- FOR PROTECTED TREES OR PALMS BEING REMOVED, THE CONTRACTOR MUST GIVE THE PERMITTING AGENCY REASONABLE OPPORTUNITY TO RELOCATE TREES DESIGNATED FOR REMOVAL TO ANOTHER SITE AT THE PERMITTING AGENCY'S EXPENSE.
- CONTRACTOR IS RESPONSIBLE FOR POSSESSING ALL REQUIRED APPLICATOR LICENSES, BUSINESS REGISTRATIONS AND INSURANCE, PESTICIDE LABELS, AND MATERIAL DATA SAFETY SHEETS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR HAVE SPILL CONTAINMENT MATERIALS AND REQUIRED PRESONAL PROTECTIVE EQUIPMENT FOR PESTICIDE APPLICATIONS AND
- WHERE TRAFFIC AREAS ARE PROPOSED WITHIN THE DRIP LINE OF PROTECTED TREES AND LESS THAN FOUR (4) INCHES OF GRADE CHANGE ARE PROPOSED, PERMEABLE SURFACES THAT ALLOW AIR AND WATER INTO THE SOIL SHOULD BE USED IN LIEU OF ASPHALL TO ROTHER SUICH IMPERVIOUS SURFACES.
- TREE WELLS OF AN APPROVED DESIGN SHALL BE CONSTRUCTED AROUND ALL TREES TO BE PRESERVED WHEN MORE THAN FOUR INCHES OF FILL IS TO BE DEPOSITED WITHIN THE DRIP LINE AREA OF THOSE TREES. COORDINATE WITH PROJECT ARBORIST.
- THE SEQUENCE OF TREE MITIGATION AND PRESERVATION MEASURES IS IMPERATIVE TO THE HEALTH AND SURVIVABILITY OF THE SUBJECT TREES AND 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

- f INSECTICIDE

B TREE PROTECTION FENCING

- PRIOR TO THE ERECTION OF ANY TREE PROTECTION FENCING, ALL FOREIGN SURFACE MATERIAL, TRASH OR DEBRIS SHALL BE REMOVED FROM THE AREA TO BE ENCLOSED BY THE FENCING, AFTER ERECTION OF THE FENCING NO SUCH MATERIAL OR LITTER SHALL BE FERMITED TO REMAIN WITHIN THE PROTECTED AREA.
- TREE PROTECTION FENCING SHALL BE PLACED AROUND ALL PROTECTED TREES TO CREATE A PROTECTIVE ROOT ZONE AND SHALL REMAIN IN PLACE UNTIL SITE CLEARING, LAND ALTERATION, AND CONSTRUCTION ACTIVITIES ARE COMPLETE.
- NATIVE GROUND COVER AND UNDERSTORY VEGETATION EXISTING WITHIN THE PROTECTED AREA SHALL REMAIN THROUGHOUT CONSTRUCTION. OTHER DESIGNATED VEGETATION AND INVASIVE PLANT SPECIES SHALL BE REMOVED ONLY BY MANUAL LABOR UNILIZING HAND TOOLS. OR BY OTHER METHODS APPROVED BY THE PROJECT ASBORDIST.
- TREE PROTECTION FENCING TYPES AND LOCATIONS SHALL BE ERECTED AS SHOWN ON THE TREE MITIGATION PLANS AND DETAILS, OR AS REQUESTED BY LOCAL AGENCY.
- NO MATERIALS, EQUIPMENT, SPOIL, WASTE OR WASHOUT WATER MAY BE DEPOSITED, STORED, OR PARKED WITHIN 20 FEET OF THE TREE PROTECTION ZONE.
- EROSION CONTROL DEVICES SUCH AS SILT FENCING, DEBRIS BASINS, AND WATER DIVERSION STRUCTURES SHALL BE INSTALLED
 TO PREVENT SILTATION AND/OR EROSION WITHIN THE TREE PROTECTION ZONE.
- CONSTRUCTION ACTIVITY SHALL NOT DESTROY OR IRREVERSIBLY HARM THE ROOT SYSTEM OF PROTECTED TREES. POST HOLES
 AND TRENCHES LOCATED CLOSE TO PROTECTED TREES SHALL BE ADJUSTED TO AVOID DAMAGE TO MAJOR ROOTS.
- 10. CONTRACTOR'S ACCESS TO FENCED TREE PROTECTION AREAS WILL BE PERMITTED ONLY WITH APPROVAL OF THE PROJECT ADDIQUEST.
- EXCAVATION OR GRADING REQUIRED WITHIN THE PROTECTED AREA SHALL BE LIMITED TO THREE (3) INCHES OF CUT OR FILL. COORDINATE WITH PROJECT ARBORIST.
- STRUCTURES AND UNDERGROUND FEATURES TO BE REMOVED WITHIN THE TREE PROTECTION ZONE SHALL BE COORDINATED
 WITH THE PROJECT ARROBIST
- TREE PROTECTION FENCING AROUND TREES TO BE RELOCATED SHALL BE ERECTED UNTIL THE TREE IS READY TO BE RELOCATED
 AND NEW FENCING SHALL BE ERECTED AT THE TREES NEW LOCATION AND WILL REMAIN IN PLACE 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 IMMEDIATE REPAIRS.
- 15. F TEMPORAPI HALL DRACCESS ROADS MIST PASS OVER THE PROTECTED ARCA OF TREES TO BE PRESERVED. A ROAD SEE OF SIG 8) HOUSE OF MACHING ROADS SHALL SEE CORRECTED PROTECT THE SIGN. THE PRODUCE DESIDMETERS AND AS EVEN AS A REPLEMBIED AS NECESSARY TO MAINTAIN A SIX (8) HICH ROAD SEED AT ALL TIMES. CONTRACTOR SHALL REMOVE ALL SUCH MATERIALS FROM THE SITE AS SOON AS TEMPORARY ACCESS IN OLD LONGER NECESSARY.
- 16. CONTRACTOR SHALL COORDINATE WITH THE PROJECT ARBORIST PRIOR TO THE REMOVAL OF ALL TREE PROTECTION FENCING.

- TRENCHING LOCATIONS SHALL BE APPROVED IN THE FIELD BY THE PROJECT ARBORIST
- TRENCHING EQUIPMENT THAT WILL TURN AT HIGH RPMS IS PREFERRED, AND SHALL BE APPROVED BY THE PROJECT ARBORIST APPROVED EQUIPMENT WILL BE USED TO PERFORM ALL 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.
- WHEN THE TREE ROOT ZONE WILL BE DISTURBED, AFFECTED ROOTS MUST BE SEVERED BY CLEAN PRUNING CUTS AT THE POINT WHERE CONSTRUCTION IMPACTS THE BOOTS.

D. CLEARING

- ANY BRUSH CLEARING REQUIRED WITHIN THE TREE PROTECTION ZONE SHALL BE ACCOMPLISHED WITH HAND-OPERATED EQUIPMENT.

- A TWO (2) INCH LAYER OF MULCH SHALL BE APPLIED OVER THE SURFACE OF EXPOSED ROOTS OF PROTECTED TREES DURING THE SITE CLEARING PHASE.

TREE PRUNING SPECIFICATIONS SHALL BE DEFINED BASED ON SPECIFIC RECOMMENDATIONS OF THE PROJECT ARBORIST. INFORMATION PRESENTED BELOW SHOULD BE USED AS A QUIDELINE.

- 1. CONTRACTOR SHALL VISIT THE SITE WITH THE PROJECT ARBORIST TO VERIFY THE EXTENT OF REQUIRED PRUNING.
- 3. AT LEAST ONE MEMBER OF THE PRUNING CREW SHALL BE AN ISA CERTIFIED ARBORIST.
- 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.
- PRIAMIC CUTS SHALL BE DONE IN ACCORDANCE WITH THE LATEST ESTITION OF THE ANNU ASSU PRIAMING STANDARD IMMERICAN MICHONAL STRANDARD FOR THESE CHEEN GENERATIONS HAND WORKE SHALL BE EFFORMED IN ACCORDINATE WITH THE LATEST EDITION OF ANNU ZISS I SHETTY STANDARD. PRIAMING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ISA'S "BEST MANAGEMENT PRACTICES TIKE PRIMING".
- WHERE TEMPORARY CLEARANCE IS NEEDED FOR ACCESS, BRANCHES SHALL BE TIED BACK TO HOLD THEM OUT OF THE CLEARANCE ZONE.

- 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 TISSUE THAT HAS FORMED AROUND THE BRANCH CLEANING, FOR THE SELECTIVE REMOVAL OF DEAD, DISEASED, 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 THAT EXPOSE HEARTWOOD SHALL BE AVOIDED WHENEVER POSSIBLE.
- ALL TREES WITH CROWNS THAT PROJECT INTO PARKING LOT/ROADWAY 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
- 9. TREES, WHO'S 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.
- REDUCE END WEIGHT ON HEAVY, HORIZONTAL BRANCHES BY SELECTIVELY REMOVING SMALL DIAMETER BRANCHES, NO GREATER THAN 2 TO 3 INCHES, NEAR THE ENDS OF SCAFFOLD BRANCHES.

10. PROPOSED/REPLACEMENT TREES

- PRUNING SHALL BE LIMITED TO CLEANING.
- 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 ON A DAILY BASIS.

F FERTILIZATION

- CONTRACTOR SHALL COORDINATE FERTILIZATION PLAN, FOLLOWING BEST MANAGEMENT PRACTICES WITH THE PROJECT ARBORIST PRIOR TO COMMENCEMENT OF WORK.
- ONLY TREES AFFECTED BY CONSTRUCTION OR AS SHOWN ON THE TREE MITIGATION PLAN AND TREE INVENTORY SCHEDULE SHALL BE TREATED.
- 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.
- 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.
- THE CRITICAL ROOT ZONE AREA PLUS 2' BEYOND THE CRITICAL ROOT ZONE SHALL BE INJECTED, BUT NOT BEYOND ROOT PRUNING LOCATIONS.
- 1. EMPTY PRODUCT CONTAINERS SHALL BE STOCKPILED FOR INSPECTION BY THE PROJECT ARBORIST PRIOR TO DISPOSAL

- CONTRACTOR SHALL PROVIDE INJECTABLE MYCORRHIZAL INOCULANT ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND AS RECOMMENDED BY THE PROJECT ARBORIST. 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) CALLON AT EACH INJECTION SITE.
- d. EMPTY PRODUCT CONTAINERS SHALL BE STOCKPILED FOR INSPECTION BY PROJECT ARBORIST PRIOR TO DISPOSAL
- 7. TRANSPLANT MAINTENANCE APPROXIMATELY ONE YEAR AFTER PLANTING, THE CONTRACTOR SHALL REFERTILIZE ALL TRANSPLANTS UTILIZING THE SAME BROWNINGS ADMILE

1 NOTIFY PROJECT ARRORIST IF ANY INFESTATION IS NOTICED.

- 2 FOLLOW PROJECT ARRORIST'S RECOMMENDED PROCEDURES
- 3. FOLLOW ALL MANUFACTURERS' RECOMMENDATIONS CONCERNING APPLICATION. READ ALL WARNING LABELS.
- 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. IRRIGATION

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

2. IRRIGATE AS REQUIRED BY PROJECT ARBORIST UNTIL PERMANENT IRRIGATION IS INSTALLED AND OPERATING.

UNDERGROUND IRRIGATION SHALL NOT BE INSTALLED WITHIN THE DRIP LINES OF EXISTING TREES UNLESS ROOT PROTECTION.

- PRIOR TO AND DURING LAND CLEARING, INCLUDING GRUBBING, ALL TREES TO BE REMOVED SHALL BE CLEARLY MARKED BY PROJECT ARBORIST WITH RED SURVEY RIBBONS AT 36 INCHES MINIMUM ABOVE GRADE.
- ALL TREES SHOWN TO BE REMOVED SHALL BE FELLED WITH A CHAIN SAW AND STUMP GROUND 6° BELOW SURFACE. ANY TREE SHOWN TO BE REMOVED THAT IS IN AN AREA WHERE COMPACTION IS CRITICAL SHALL BE FELLED WITH A CHAIN SAW AND STUMP REMOVED BY CONTRACTOR.
- ALL WOOD AND STUMPS FROM REMOVALS SHALL BE HALLED FROM THE SITE THE SAME DAY, EXCEPT FOR TOPS, ALL TOPS ARE TO SHALL BE CHIPPED AND PLACED IN THE TIREE PROTECTION ZONE TO A DEPTH OF THREE (3) INCHES, ALL EXCESS WOOD CHIPS SHALL BE CHIPPED AND PLACED IN THE TIREE PROTECTION ZONE TO A DEPTH OF THREE (3) INCHES, ALL EXCESS WOOD CHIPS SHALL BE CHIPPED AND PLACED OF SITE ATTER THREE PROTECTION ZONE TO A DEPTH OF THREE (3) INCHES, ALL EXCESS WOOD CHIPS
- 5. ALL BURN PITS IF APPLICABLE MUST BE APPROVED BY THE PROJECT ARBORIST AND OWNER.
- TREES TO BE REMOVED THAT HAVE BRANCHES EXTENDING INTO THE CANOPY OF TREES TO REMAIN MUST BE REMOVED QUALIFIED ISA CERTIFIED ABBORIST AND NOT BY DEMOLITION OR CONSTRUCTION CONTRACTORS. THE QUALIFIED ARBOR SHALL REMOVE THE TREE IN A MANNER THAT CAUSES NO DAMAGE TO THE TREES AND UNDERSTORY VEGETATION TO RESIDENT OF THE TREES AND UNDERSTORY VEGETATION TO REMOVE THE TREE IN A MANNER THAT CAUSES NO DAMAGE TO THE TREES AND UNDERSTORY VEGETATION TO REMOVE THE TREE THE TREE AND ARBORD THE TREE THE TREE AND ARBORD THE TREE THE TR
- TREES TO BE REMOVED LOCATED WITHIN THE TREE PROTECTION ZONE SHALL BE REMOVED BY A QUALIFIED ISA CERTIFIED ARBORIST. THE TREES SHALL BE CUT NEAR GROUND LEVEL AND THE STUMP GROUND OUT.

- J. MACHINE DUG TRANSPLANTING
- 2. SET SPADE DUG ROOT BALL INTO RECEIVING HOLE 4"-6" ABOVE EXISTING GRADE

- 5. INSTALL THREE INCHES OF MULCH FROM PERIMETER OF ROOT BALL TO WITHIN 6" OF TREE TRUNK.
- 6. COVER TOPSOIL RING WITH 1" OF MULCH AND EXTEND MULCH 4"-6" DEEP, AWAY FROM PERIMETER OF ROOT BALL.

- 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.
- 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.
- CONTRACTOR SHALL SUPPLY TEMPORARY IRRIGATION TO THE HOLDING AREA CONSISTING OF ABOVE GROUND PVC OR POLYETHYLENE PIPE, SPRAY OR ROTOR NEADS (WITH HEAD TO HEAD COVERAGE) AND A CONTROLLER. COORDINATE WITH PROJECT ARBORIST FOR CONTROLLER SETTINGS AND ALTERNATIVE WATERING METHODS.

- ALL TOPSOIL SHALL BE NATURAL, FRIABLE, FERTILE, FINE LOAMY SOIL POSSESSING CHARACTERISTICS OF REPRESENTATIVE TOPSOIL IN THE VICINITY THAT PRODUCES HEAVY GROWTH.
- TOPSOIL, PH RANGE OF 5.5 TO 7.0, 3.5 PERCENT ORGANIC MATERIAL MINIMUM, FREE FROM SUBSOIL, OBJECTIONABLE WEEDS, LITTER, SODS, STIFF CLAY, STONES LARGER THAN ONE (1) NICH IN DUAMETER, STUMPS, ROOTS, TRASH, TOXIC SUBSTANCES, OR ANY OTHER MATERIAL WHICH MAY FEH MARKING IT OF IAST GROWTH

- M. REPAIR OF DAMAGED TREES 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.
- IF ANY TIRE DESIGNATED TO BE SAVED IS REMOVED FROM THE SITE WITHOUT PERMISSION OF THE OWNERS REPRESENTATIVE, THE PROJECT ASSIGNST SHALL APPRAISE THE TIRE AND MAKE RECOMMENDATIONS TO THE OWNER FOR REPLACEMENT BY THE ASSESSED TO THE OWNER BY THE GOVERNMA AGENCY. FOR REPLACEMENT OF THE THEIR AND ANY TIEST HAY MAY SE



ELEVATION

4"HT "PERIMETER PLUS" CONSTRUCTION FENCE BY CONWED PLASTICS OR OWNER REPRESENTATIVE APPROVED EQUAL. SUB PRODUCT INFORMATION FOR APPROVAL

PRIOR TO INSTALLATION. 6" TALL METAL "T" POSTS OR 2" x 2" X 6"
 PRESSURE TREATED WOOD POSTS WITH 24" BURIAL BELOW GRADE.

INSTALLATION NOTES:

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.

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 BE 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.

TREE PROTECTION FENCING

Kimley WHOTN

© 2024 KMLET-HORN AM ASSOLITES, INC.
17740 GANN RAT PROVING WAS SOLICE AND ACCOUNT FLIGHT AT THE PROPER PAGE 3000
WWANDET-HORICUM RESIDENT IN SOLICE
WASHINGTON TO STORT THE PROPERTY IN SOLICE
WASHINGTON TO STORT THE PROPERTY IN SOLICE
WASHINGTON TO STORT THE PROPERTY IN SOLICE
WASHINGTON TO STORT THE PROPERTY IN SOLICE
WASHINGTON TO STORT THE PROPERTY IN SOLICE
WASHINGTON TO STORT THE PROPERTY IN SOLICE
WASHINGTON TO STORT THE PROPERTY IN SOLICE
WASHINGTON TO STORT THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTON THE PROPERTY IN SOLICE
WASHINGTO KHA PROJECT 045627003 045627003 EEPI 2025 SCALE AS SHOWN DESCALE AS SHOWN DESCALED BY: KHA DRAWN BY: HEM

MITIGATION NOTES POWER RING

TM-150