

PERFORMANCE BOND Bond No. 875185

KNOWN ALL MEN BY THESE PRESENTS, that We, Garden Street Communities Southeast, LLC, as Principal, and Evergreen National Indemnity Company, a corporation organized and doing business under and by virtue of the laws of the State of Ohio and duly licensed to conduct surety business in the State of Florida, as Surety ("Principal" and "Surety" collectively the "Obligors"), are held and firmly bound unto Polk County, a political subdivision of the State of Florida (the "County"), as Obligee, in the sum of SEVEN HUNDRED NINETY-FOUR THOUSAND FOUR HUNDRED SEVENTY-FOUR & 12/100 DOLLARS (\$ 794,474.12) Dollars (hereinafter the "Total Penal Sum"), for which payment, well and truly to be made, we bind ourselves, our heirs, executors and successors, jointly and severally as well as severally only for the purpose of allowing a joint action or actions against any or all of us.

WHEREAS, the County's Land Development Code (hereinafter "LDC") is by reference incorporated into and made part of this Performance Bond (hereinafter "Bond"); and

WHEREAS, the Principal has agreed pursuant to the Subdivision Agreement, attached hereto as Exhibit "A" and incorporated into and made part of this Bond, to construct the improvements described in the Engineer's Cost Estimate, attached hereto as Exhibit "B" and incorporated into and made part of this Bond (hereinafter "Improvements"), in the KNIGHT'S LANDING PHASE 2 platted subdivision (the "Subdivision"), in accordance with the drawings, plans, specifications, and other data and information (hereinafter "Plans") filed with the County's Land Development Division, which Plans are by reference incorporated into and made part of this Bond; and

WHEREAS, the LDC requires the Principal to provide and maintain full performance security guaranteeing the completion and approval of all private or public on-site or off-site Improvements.

NOW, THEREFORE, the conditions of this Bond are such that:

1. The Principal shall well and truly construct the Improvements in the Subdivision in accordance with the Plans and LDC within the time frame set forth in the Subdivision Agreement, and as verified by Polk County's Land Development Division. The Bond shall commence upon the date of issue by the Surety and remain in full force and effect until the Obligee releases the Bond (the "Coverage Period"). The Surety shall not terminate this Bond until the Coverage Period has ended.
2. The Surety unconditionally covenants and agrees that if the Principal fails to complete all or any part of the Improvements within the time specified in the Subdivision Agreement, the Surety, upon written notice from the Obligee, its authorized agent or officer, of the default, shall forthwith perform and complete the Improvements and pay the cost thereof, including without limitation, engineering, legal, and contingent costs.

3. The Surety further agrees that the Obligee may demand up to the full amount of the Bond, such amount determined solely by the Obligee in its reasonable discretion, and the Surety shall forthwith pay the Obligee said amount within thirty (30) days of Obligee's written notification, for Obligee to construct, or caused to be constructed the Improvements if the Principal should fail or refuse to do so. The liability of the Surety shall not be discharged by any payment or succession of payments hereunder, unless and until such payment or payments shall amount in the aggregate to the Total Penal Sum of this Bond.

4. Should the Surety fail or refuse to perform any of its obligations pursuant to this Bond, the Obligee shall have the right to resort to any and all legal remedies against the Principal and Surety, or either, both at law and in equity including specific performance, to which the Principal and Surety unconditionally agree. In such case, the Obligors agree to pay all costs incurred by the Obligee, including court costs and attorney's fees, and venue shall be in the courts of Polk County, Florida or in the United States District Court, Middle District of Florida, located in Hillsborough County, Florida.

5. The Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration, addition or deletion to the proposed Improvements, or the plans, specifications and schedules covering same, shall in any way affect the Surety's obligation on this Bond, and it does hereby waive notice of any such change, extension of time, alteration, addition or deletion to the proposed Improvements or the Plans, specifications and schedules.

6. All notices, demands, and correspondence with respect to this Bond shall be in writing and deemed effective on the date of certified mailing addressed to the following, notwithstanding any changes in address:

The Surety at:

Evergreen National Indemnity Company
6150 Oak Tree Blvd., Ste 440
Independence, OH 44131
Attn: Julie Bowers

The Principal at:

Garden Street Communities Southeast, LLC
100 W. Garden St., 2nd floor
Pensacola, FL 32502
Attn: William Bryan Adams

The Obligee at:

Polk County, Land Development Division
330 West Church Street
PO Box 9005 – Drawer GM03
Bartow, FL 33831-9005

THIS BOND DATED THE 24th DAY OF September, 2025,
(the date of issue by the Surety).

[Signature]

Witness

AMANDA SNOW

Printed Name

[Signature]

Witness

Amy Waddell

Printed Name

PRINCIPAL:

Garden Street Communities Southeast,
LLC

By: [Signature]

William Bryan Adams

Printed Name

Title: Manager

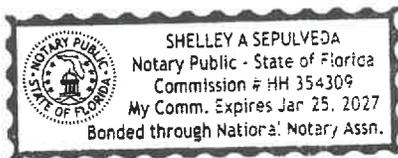
(SEAL)

PRINCIPAL

STATE OF FLORIDA
COUNTY OF ESCAMBIA

The foregoing instrument was acknowledged before me by means of physical presence or online notarization, this 1 day of October, 2025, by William Bryan Adams as Manager (title of officer) of Garden Street Communities Southeast, LLC (entity name), on behalf of the Principal, who is personally known to me or has produced _____ as identification.

(AFFIX NOTARY SEAL)



[Signature]

Notary Public

Print Name SHELLEY A. SEPULVEDA

My Commission Expires 1.25.2027

SURETY:

Mikayla Thornton
Witness

Mikayla Thornton
Printed Name

Patricia A Temple
Witness

Patricia A Temple
Printed Name

Evergreen National Indemnity Company
Name of Corporation

By: Julie K Bowers

Julie K Bowers, Attorney in Fact
Printed Name

Title:
(SEAL)

(ATTACH POWER OF ATTORNEY)



STATE OF Ohio
COUNTY OF Cuyahoga

The foregoing instrument was acknowledged before me by means of physical presence or online notarization, this 24th day of September, 2025, by Julie K Bowers as Attorney in Fact (title of officer) of Evergreen National Indemnity Company (entity name), on behalf of the Surety, who is personally known to me or has produced _____ as identification.

(AFFIX NOTARY SEAL)

Hilarie Frankenberry
Notary Public
Print Name Hilarie Frankenberry
My Commission Expires 7/11/2027



Hilarie Frankenberry
NOTARY PUBLIC
STATE OF OHIO
My Commission Expires
July 11, 2027

EVERGREEN NATIONAL INDEMNITY COMPANY

Independence, Ohio

POWER OF ATTORNEY

BOND NO 875185

KNOW ALL MEN BY THESE PRESENTS: That the Evergreen National Indemnity Company, a corporation in the State of Ohio does hereby nominate, constitute and appoint:

Denise M Borowy, Julie K Bowers, Hilarie Frankenberry, Karen M LoConti-Diaz, Patricia A Temple, Mikayla Thornton

its true and lawful Attorney(s)-In-Fact to make, execute, attest, seal and deliver for and on its behalf, as Surety, and as its act and deed, where required, any and all bonds, undertakings, recognizances and written obligations in the nature thereof, PROVIDED, however, that the obligation of the Company under this Power of Attorney shall not exceed TEN MILLION AND 00/100 DOLLARS (\$10,000,000.00)

This Power of Attorney is granted and is signed by facsimile pursuant to the following Resolution adopted by its Board of Directors on the 23rd day of July, 2004:

"RESOLVED, That any two officers of the Company have the authority to make, execute and deliver a Power of Attorney constituting as Attorney(s)-in-fact such persons, firms, or corporations as may be selected from time to time.

FURTHER RESOLVED, that the signatures of such officers and the Seal of the Company may be affixed to any such Power of Attorney or any certificate relating thereto by facsimile; and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company; and any such powers so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached."

IN WITNESS WHEREOF, the Evergreen National Indemnity Company has caused its corporate seal to be affixed hereunto, and these presents to be signed by its duly authorized officers this 1st day of April, 2024.

EVERGREEN NATIONAL INDEMNITY COMPANY



By: _____
Robert W. Shepard, President

By: _____
David A. Canzone, CFO

Notary Public)
State of Ohio)

SS:

On this 1st day of April, 2024, before the subscriber, a Notary for the State of Ohio, duly commissioned and qualified, personally came Robert W. Shepard and David A. Canzone of the Evergreen National Indemnity Company, to me personally known to be the individuals and officers described herein, and who executed the preceding instrument and acknowledged the execution of the same and being by me duly sworn, deposed and said that they are the officers of said Company aforesaid, and that the seal affixed to the preceding instrument is the Corporate Seal of said Company, and the said Corporate Seal and signatures as officers were duly affixed and subscribed to the said instrument by the authority and direction of said Corporation, and that the resolution of said Company, referred to in the preceding instrument, is now in force.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my official seal at Cleveland, Ohio, the day and year above written.



WILLIAM J. KOVAL, JR.
NOTARY PUBLIC - STATE OF OHIO
My commission has no expiration date.
Section 147.03 R.C.

By: _____
William J. Koval, Jr., Notary Public
My commission has no expiration date
Section 147.03 R.C.

State of Ohio)

SS:

I, the undersigned, Secretary of the Evergreen National Indemnity Company, a stock corporation of the State of Ohio, DO HEREBY CERTIFY that the foregoing Power of Attorney remains in full force and has not been revoked; and furthermore that the Resolution of the Board of Directors, set forth herein above, is now in force.

Signed and sealed in Independence, Ohio, this 24th day of September, 2025.



Wan C. Collier, Secretary



**Florida
Department
of Insurance**

**EVERGREEN NATIONAL INDEMNITY
COMPANY**

Is hereby authorized to transact
insurance in the State of Florida.

This certificate signifies that the company
has satisfied all requirements of the
Florida Insurance Code for the issuance
of a license and remains subject to
all applicable laws of Florida.

**Date of Issuance: November 28, 1983
No. 94-36-2467238**


Tom Gallagher
Treasurer and Insurance Commissioner



Evergreen National Indemnity Company

Certificate

2024

The following financial information was obtained from the Statutory Annual Statement filed by Evergreen National Indemnity Company with the Ohio Department of Insurance.

Statement of Income

Direct Written Premium	42,822,238
Reinsurance Assumed	2,682,370
Reinsurance Ceded	(27,369,832)
Net Written Premium	18,134,776
Change in Unearned	(348,067)
Net Earned Premium	17,786,709
Losses & LAE Incurred	4,472,113
Net Commission Expense	7,715,631
Other Expenses	3,699,951
Underwriting Gain/ (Loss)	1,899,014
Net Investment Income	2,717,323
Net Realized Capital Gains (Loss)	(66,463)
Other Income/ (Expense)	23,536
Income Before FIT	4,573,410
Federal Income Tax	697,989
Net Income	3,875,421

Balance Sheet

<u>Assets</u>	
Invested Assets	71,356,873
Uncollected premium and agents' balances	1,795,056
Reinsurance Recoverable	127,245
Other Assets	297,419
Total Assets	73,576,593
<u>Liabilities & Surplus</u>	
Unearned Premium Reserve	8,124,892
Loss & LAE Reserves	8,166,014
Ceded Reinsurance Payable	3,180,308
Amounts retained for others	1,788,334
Other Liabilities	2,868,658
Total Liabilities	24,128,206
Surplus	49,448,387
Total Liabilities & Surplus	73,576,593

I hereby certify that the above information is that contained in the Statutory Annual Statement filed by Evergreen National Indemnity Company with the Ohio Department of Insurance for the year ending December 31, 2024.


David A. Canzone, Treasurer

EXHIBIT A
(Subdivision Agreement)

Subdivision Agreement

This Subdivision Agreement (“Agreement”) is made and entered into as of the Effective Date, defined in paragraph 12 below, by and between Garden Street Communities Southeast, LLC (the “Applicant”) and Polk County, a political subdivision of the State of Florida (the “County”).

Recitals

WHEREAS, the Applicant has submitted an application under Section 806.A.2. of the County’s Land Development Code (hereinafter “LDC,” the LDC, as amended, is incorporated herein by reference and made a part hereof and all terms used herein shall have the same meaning set forth in the LDC) for approval of a plat (the “Plat”) of a Subdivision to be known as KNIGHT’S LANDING PHASE 2 (the “Subdivision”); and

WHEREAS, the final plat of the Subdivision shall not be recorded until the Applicant has met all applicable requirements of the LDC.

NOW, THEREFORE, in consideration of the mutual covenants and agreements contained herein, the Applicant and the County agree as follows:

1. The recitals set forth above are true and correct and are hereby incorporated into and made a part of this Agreement.
2. The Applicant shall well and truly construct all improvements required by the LDC, or referenced in the Engineer’s Certificate (incorporated herein by reference and made a part hereof) in accordance with the standards and provisions of the LDC by March 31, 2026 (the “Improvements”), and as full performance security therefore has delivered the security to the County in the amount and in the form required by the LDC (the "Performance Bond").
3. The Applicant guarantees that the Improvements shall be free from construction, design, and/or material defects or failures, other than normal wear and tear, for a minimum period of one (1) year following the date of acceptance of the work for maintenance by the County (the “Warranty Period”) and shall deliver the appropriate security to the County at the time, in the amount and in the form required by the LDC (the "Maintenance Bond"). The Applicant agrees to correct any such defects arising or discovered during the Warranty Period so that the Improvements thereafter comply with the standards and provisions of the LDC, this Agreement and the Construction Plans approved by Polk County, signed by Charles R. Brooker and dated December 16, 2024, attached hereto as Exhibit "A" (the "Construction Plans").
4. Once construction is complete, the Applicant shall submit all required record prints, record drawings, and such other documentation required by the LDC. Upon receipt of said documentation and acknowledgment by the County’s Land Development Division that all necessary inspections have been completed, the County agrees, pursuant to the LDC, to issue a letter of compliance to allow the release of certificates of occupancy and the Performance Bond.
5. Should the Applicant seek and the County grant an extension of the time period established for construction of the Improvements described in paragraph 2, the Applicant shall provide the County with an instrument ensuring the completion of said Improvements within the extended period in the amount and form required by the LDC (the "Continuation Certificate").
6. In the event the Applicant fails to make the required Improvements (or cause them to be made) according to the schedule for making those Improvements, the County shall utilize the Performance Bond provided in connection with this Agreement and the LDC. The amount of the Performance Bond may be reduced periodically, but not more than two times during the year, subsequent to the completion, inspection and acceptance of the Improvements by the County. Where the Performance Bond has been provided and the Improvements have not been installed according to the Construction Plans, the LDC or the terms of the Performance Bond, the County may, upon ten days written notice to the parties to the instrument, declare the Performance Bond to be in default and exercise the County’s rights thereunder. Upon default, no further permits or approval shall be granted for the project until adequate progress toward completion of the remaining Improvements is shown as determined by the County.
7. In the event the Applicant shall fail or neglect to fulfill its obligations under this Agreement as set forth in paragraphs 2 and 3 and as required by the LDC, the County shall utilize the applicable security for such default provided hereunder.
8. In the event the Applicant fails to fulfill its obligations under this Agreement and as required by the LDC, and the applicable security for such default provided hereunder is inadequate to fully remedy such failure, the Applicant shall be liable for the reasonable cost of construction, repair, and installation of the Improvements to bring the Improvements under compliance pursuant to the Construction Plans, together with any direct damages, the County sustains as a result of the Applicant’s failure to carry out and execute all of the provisions of this Agreement and the provisions of the LDC, which shall include the County’s reasonable attorneys’ fees and court costs should the County prevail in a claim against the Applicant for Applicant’s default.

9. The County shall record the Plat upon the County's acceptance of the Performance Bond and execution of this Agreement. at such time as the plat complies with and has been approved in accordance with the provisions of the LDC.

10. If any article, section, clause, or provision of this Agreement may be deemed or held invalid by any court of competent jurisdiction for any reason or cause, the same shall not affect or invalidate the remaining portions of this Agreement, which shall remain in full force and effect. The parties agree that venue will be proper only in the courts of the Tenth Judicial Circuit, located in Polk County, Florida.

11. This document contains the entire agreement of these parties. It shall not be modified or altered except in writing signed by the parties.

12. The effective date of this Agreement shall be the date this Agreement is executed by County.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the Effective Date.

ATTEST:

STACY BUTTERFIELD
CLERK OF THE BOARD

POLK COUNTY, a political
subdivision of the State of Florida

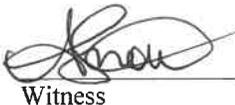
By: _____
Deputy Clerk

By: _____, Chairman
Board of County Commissioners

Date: _____

Reviewed as to form and legal sufficiency:

County Attorney's Office



Witness

AMANDA SNOW

Printed Name



Witness

Amy Waddell

Printed Name

Garden Street Communities
Southeast, LLC

By: 

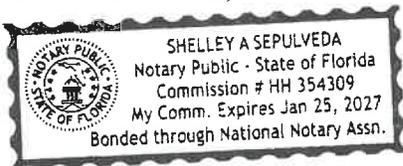
William Bryan Adams, Manager

(SEAL)

**STATE OF FLORIDA
COUNTY OF ESCAMBIA**

The foregoing instrument was acknowledged before me by means of physical presence or online notarization, this 1st day of October, 2025 by William Bryan Adams as Manager of Garden Street Communities Southeast, LLC, on behalf of the company, who is personally known to me or has produced _____ as identification.

(AFFIX NOTARY SEAL)





Notary Public

Print Name SHELLEY A. SEPULVEDA

My Commission Expires 1.25.2027

EXHIBIT "A" TO SUBDIVISION AGREEMENT



ENGINEERS: SURVEYORS: PLANNERS:

KNIGHTS LANDING PHASE TWO

POLK COUNTY, STATE OF FLORIDA
PROJECT NO. LDRES 2024-20

PLANS PREPARED FOR:
KNIGHTS LANDING OF LAKELAND, LLC
306 E. MAIN STREET, SUITE 200
LAKELAND, FL 33801

Land Development Division
Project: LDRES-2024-20 Date: 12/18/2024



UTILITY COMPANIES - LIST OF CONTACTS:

WATER:
POLK COUNTY WATER DEPARTMENT
1000 W. MAIN STREET, SUITE 200
LAKELAND, FL 33801
TEL: 352-366-1100

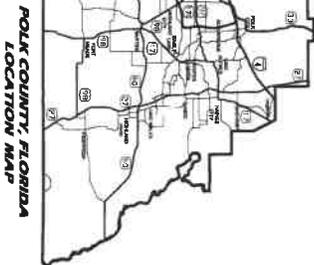
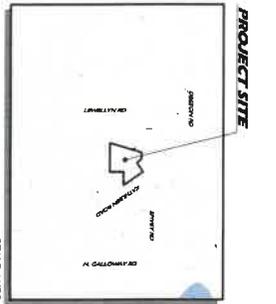
ELECTRIC:
FLORIDA POWER & LIGHT COMPANY
ATTENTION: POLK COUNTY
1000 W. MAIN STREET, SUITE 200
LAKELAND, FL 33801
TEL: 352-366-1100

TELEPHONE:
FLORIDA COMMUNICATIONS
1000 W. MAIN STREET, SUITE 200
LAKELAND, FL 33801
TEL: 352-366-1100

JURISDICTION:
POLK COUNTY
1000 W. MAIN STREET, SUITE 200
LAKELAND, FL 33801
TEL: 352-366-1100

SANITARY:
POLK COUNTY WATER DEPARTMENT
1000 W. MAIN STREET, SUITE 200
LAKELAND, FL 33801
TEL: 352-366-1100

THIS SITE AND ADJACENT R/W MAY CONTAIN GAS, WATER, SEWER MAINS & FIBER OPTIC LINES. SEE UTILITY NOTES ON PLAN SHEETS.



THIS IS A PRIVATE ROAD SUBDIVISION
ALL UTILITIES WILL BE PUBLIC

* CHANGE ORDER NOTE *

* M.O.T. NOTE *

ALL PLANS SHEETS ARE NOT CONSIDERED FINAL UNTIL ALL AGENCY PERMITS ARE RELEASED AND STAMPED - APPROVED FOR CONSTRUCTION -

SHEET NUMBER	SHEET TITLE
01	COVER
02	BOUNDARY & TOPOGRAPHIC SURVEY
03	GENERAL NOTES & DETAILS 1 - COUNTY
04	GENERAL NOTES & DETAILS 2 - UTILITY SERVICES
05	EXISTING CONDITIONS & DEMOLITION
06	OVERALL GENERAL LOT PLAN
07	ENLARGED GENERAL LOT PLAN 1
08	ENLARGED GENERAL LOT PLAN 2
09	ENLARGED GENERAL LOT PLAN 3
10	ENLARGED GENERAL LOT PLAN 4
11	ENLARGED GENERAL LOT PLAN 5
12	ENLARGED GENERAL LOT PLAN 6
13	ENLARGED GENERAL LOT PLAN 7
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15	ENLARGED GENERAL LOT PLAN 9
16	ENLARGED GENERAL LOT PLAN 10
17	ENLARGED GENERAL LOT PLAN 11
18	ENLARGED GENERAL LOT PLAN 12
19	ENLARGED GENERAL LOT PLAN 13
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33	ENLARGED GENERAL LOT PLAN 27
34	ENLARGED GENERAL LOT PLAN 28
35	ENLARGED GENERAL LOT PLAN 29

AGENCY	PERMIT NUMBER	DATE APPROVED
POLK COUNTY HEALTH DEPT (HARD)		
POLK COUNTY LAND DEVELOPMENT		
NOTES		

811
CALL BEFORE YOU DIG
UTS THE LAM
DIAL 811

ECON
15004-46-05-001
DATE OF PLAG: 12/18/2024 SHEET 01

Charles R. ...
15004-46-05-001

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY THE ENGINEER ON THE DATE INDICATED HEREON. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

M.P.B.E.S. PERMITTING

1. ALL PERMITS SHALL BE OBTAINED FROM THE POLK COUNTY ENGINEERING DIVISION PRIOR TO THE START OF CONSTRUCTION.
2. THE PERMITTEE SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
3. THE PERMITTEE SHALL MAINTAIN ACCESS TO ALL ADJACENT UTILITIES AT ALL TIMES.
4. THE PERMITTEE SHALL MAINTAIN ACCESS TO ALL ADJACENT ROADS AT ALL TIMES.
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POLK COUNTY ENGINEERING DIVISION STANDARD NOTES:

1. ALL PERMITS SHALL BE OBTAINED FROM THE POLK COUNTY ENGINEERING DIVISION PRIOR TO THE START OF CONSTRUCTION.
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GENERAL NOTES:

1. ALL PERMITS SHALL BE OBTAINED FROM THE POLK COUNTY ENGINEERING DIVISION PRIOR TO THE START OF CONSTRUCTION.
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EXISTING UTILITIES NOTES:

1. ALL PERMITS SHALL BE OBTAINED FROM THE POLK COUNTY ENGINEERING DIVISION PRIOR TO THE START OF CONSTRUCTION.
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10. THE PERMITTEE SHALL MAINTAIN ACCESS TO ALL ADJACENT ROADS AT ALL TIMES.

CONTRACTOR RESPONSIBLE FOR A CLEAN AND SECURE TEMPORARY FENCE, ETC.

NOTES:

1. ALL PERMITS SHALL BE OBTAINED FROM THE POLK COUNTY ENGINEERING DIVISION PRIOR TO THE START OF CONSTRUCTION.
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EXISTING GAS MAIN NOTE

1. ALL PERMITS SHALL BE OBTAINED FROM THE POLK COUNTY ENGINEERING DIVISION PRIOR TO THE START OF CONSTRUCTION.
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DRAINAGE GENERAL NOTES

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SIGNING AND PAVEMENT MARKING NOTES:

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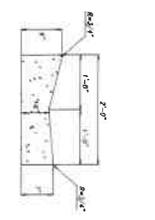
NOTICE TO ALL CONTRACTORS: THIS SITE MAY HAVE EXISTING ON-SITE SEWER MAINS, WATER MAINS, & OVERHEAD ELECTRIC LINES - SEE NOTES THIS SHEET. CONTRACTOR TO EXERCISE CAUTION IN AREA OF EXISTING GAS MAIN

ROADSIDE RECOVERY AREA FOR ALL STREETS

- DESIGN SPEED 35 MPH
- RECOVERY AREA 20' MINIMUM
- NO OBSTRUCTIONS SHALL BE PLACED WITHIN RECOVERY AREA

NOTE

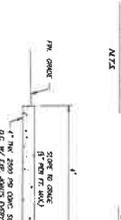
LETTER LOCATIONS AND SPACING ARE AS SHOWN ON SHEET 2. 1" = 1" FOR ALL DIMENSIONS UNLESS OTHERWISE NOTED.



MIAMI CURB AND GUTTER



TYPE D CURB



TYPICAL PAVEMENT SECTION



TYPICAL ON-SITE SIDEWALK DETAIL

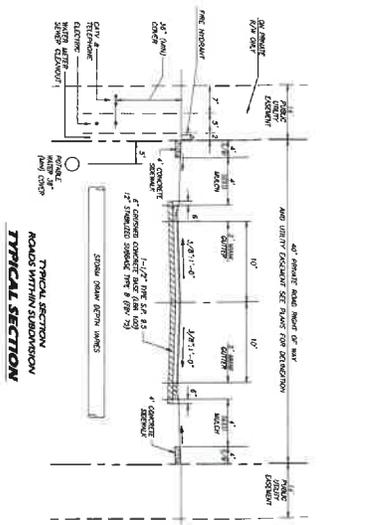


STOP BAR DETAIL WITH SIGNAGE



TYPICAL DRIVEWAY WITH MIAMI CURB

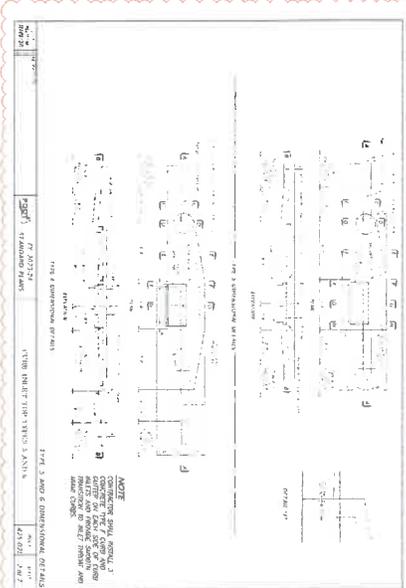
NOTICE TO THE ENGINEER OR PROPOSED CONSULTANT OF THIS PROJECT: NOT ALL OF THESE GENERAL NOTES MAY APPLY.



TYPICAL SECTION

LIGHT DUTY PAVEMENT CONSTRUCTION			
LAYER	LAYER THICKNESS (INCHES)	STRUCTURAL NUMBER	
ASPHALT (40) (DOT 50-8.5)	0.44	1.5	0.66
CHANGED CONCRETE (40) (DOT 50-8.5)	0.18	0	1.08
STABILIZED SUBGRADE (1.5% OR LESS)	0.06	12	0.72
TOTAL			2.46

NOTE: CHANGED CONCRETE CAN BE USED AT AN ALTERNATE ASPHALT GRADE (40#-50#) CONCRETE AND MAINTAIN A MINIMUM OF 2% REPROPOSED GRANULAR MATERIAL.



*** CHANGE ORDER NOTE ***

ALL CHANGES / REVISIONS TO BE OBTAINED FROM THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION. ANY CHANGES TO THE CONTRACT SHALL BE MADE IN WRITING AND SIGNED BY BOTH PARTIES.

CALL 48 HOURS BEFORE YOU DIG

ITS THE LAW

DIAL 811

MISSISSIPPI STATE UNIVERSITY

ECON

PROFESSIONAL ENGINEERING SERVICES - CADDERS

4200 South Florida Avenue, Suite 200, Tampa, FL 33629

Phone: (813) 620-1400

Website: www.econinc.com

KNIGHTS LANDING PHASE TWO POLK COUNTY, FL

GENERAL NOTES & DETAILS 1

REVISIONS

NO.	DATE	DESCRIPTION
1	08-22-23	ISSUE FOR PERMITS
2	08-22-23	ADD FOOTING DETAILS
3	08-22-23	REVISE FENCE & CHAIN LINK PER COMMENTS
4	08-22-23	REVISE WETLAND BUFFER & WETLAND PER COMMENTS
5	08-22-23	REVISE PERMITS PER COMMENTS
6	11-11-24	REVISE PERMITS PER COMMENTS
7	11-28-24	REVISE PERMITS PER COMMENTS

DATE: 11-28-24

CHARLES A. BRIDGEMAN, P.E. LICENSE #88812 DATE: 11-28-24

GENERAL CONSTRUCTION NOTES

- 1. GENERAL NOTES AND CONDITIONS OF CONTRACT, SPECIFICATIONS, AND OTHER...
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS...
3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL UTILITIES AND ADJACENT PROPERTIES...

MAINTENANCE OF TRAFFIC NOTES

- 1. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL UTILITIES AND ADJACENT PROPERTIES...
2. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL UTILITIES AND ADJACENT PROPERTIES...

FIRE SYSTEM REQUIREMENTS

- 1. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL UTILITIES AND ADJACENT PROPERTIES...
2. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL UTILITIES AND ADJACENT PROPERTIES...

DRAINAGE SYSTEM NOTES

- 1. DRAINAGE NOTES REFER TO THE LATEST EDITION OF FDOT, TRAVELWAY AND DRIVEWAY...
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS...

PAVING AND GRADING NOTES

- 1. ALL EXISTING MATERIAL, INCLUDING EXISTING PAVEMENT, SHALL BE REGRADED...
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS...

GEOTECHNICAL NOTE

- 1. CONDUCTOR TO REVIEW AND OBTAIN CONSTRUCTION PERMISSIONS FROM THE...
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS...

SAFETY NOTES

- 1. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL UTILITIES AND ADJACENT PROPERTIES...
2. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL UTILITIES AND ADJACENT PROPERTIES...

CLEARING AND EROSION CONTROL NOTES

- 1. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL UTILITIES AND ADJACENT PROPERTIES...
2. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL UTILITIES AND ADJACENT PROPERTIES...

STANDARD UTILITY NOTES

- 1. GENERAL NOTES OF THE STANDARD UTILITIES NOTES SHALL APPLY TO ALL...
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS...

STREET LIGHTING NOTES

- 1. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL UTILITIES AND ADJACENT PROPERTIES...
2. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL UTILITIES AND ADJACENT PROPERTIES...

WATER SYSTEM NOTES

- 1. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL UTILITIES AND ADJACENT PROPERTIES...
2. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL UTILITIES AND ADJACENT PROPERTIES...

POLK COUNTY LAND DEVELOPMENT DIVISION STANDARD NOTES

- 1. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL UTILITIES AND ADJACENT PROPERTIES...
2. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL UTILITIES AND ADJACENT PROPERTIES...

CALL 48 HOURS BEFORE YOU DIG DIAL 811

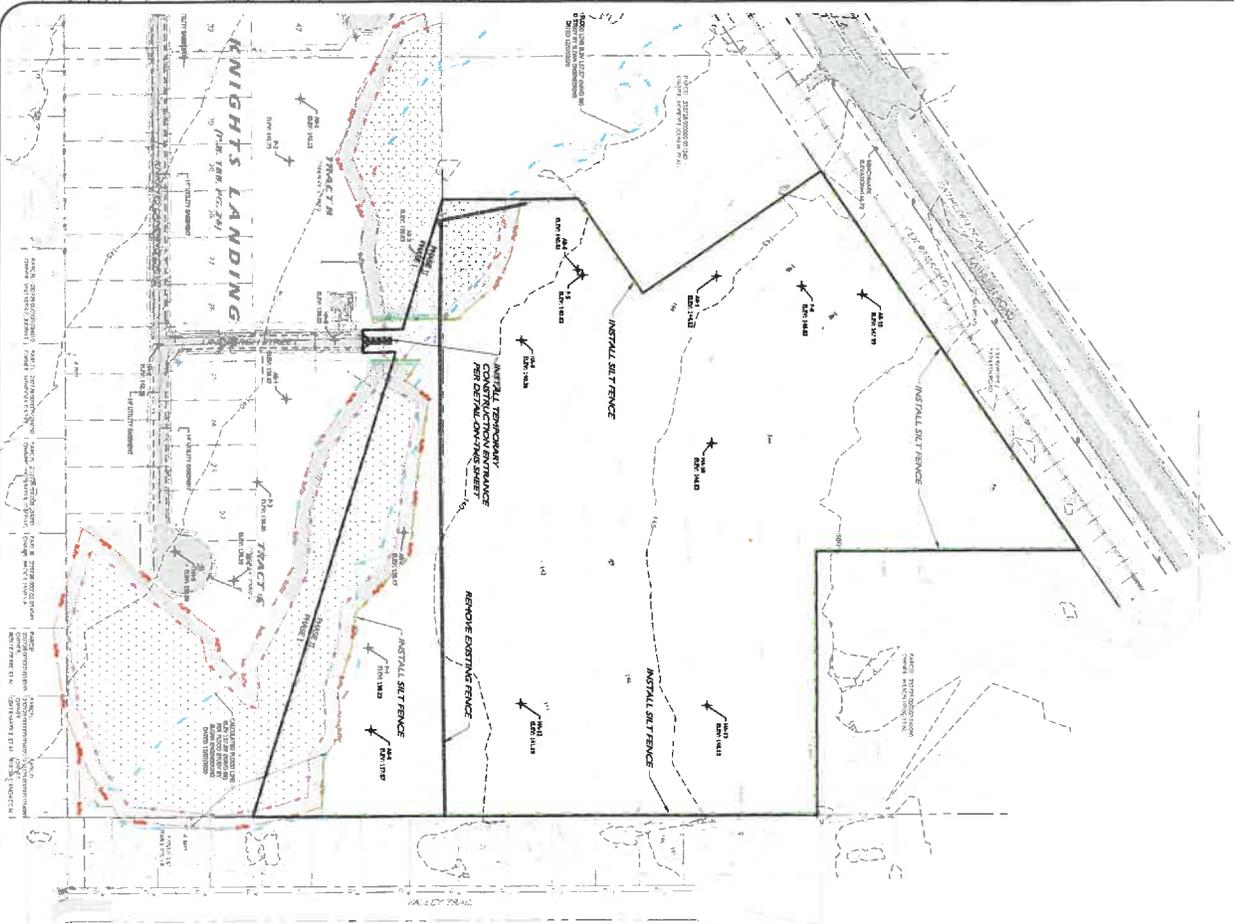


ECON logo and contact information: ECON INC., 4700 South Florida Avenue, Suite 400, Lakeland, FL 33809.

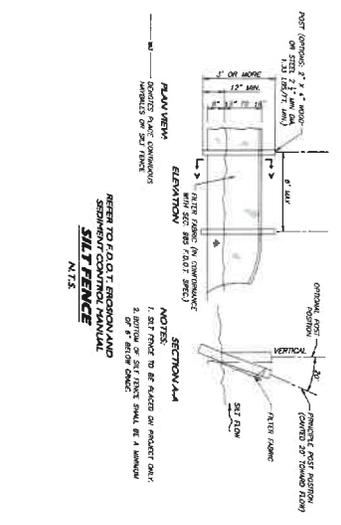
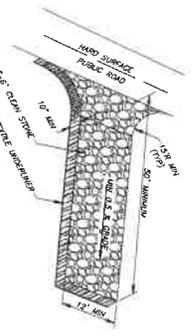
KNIGHTS LANDING PHASE TWO POLK COUNTY, FL logo and title.

GENERAL NOTES & DETAILS 2 title and page number.

Professional Engineer seal for Charles R. Brockman, License #9811, State of Florida.



TEMPORARY CONST. ENTRANCE
N.T.S.

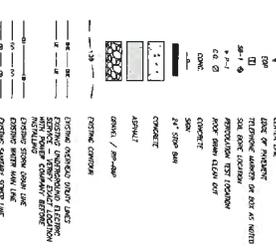


EXISTING GAS MAIN NOTE:
 OWNER OR THE ELEC. SERVICE PROVIDER SHALL VERIFY THE LOCATION AND DEPTH OF ALL GAS MAINS AND CONDUITS PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING GAS MAINS AND CONDUITS. THE CONTRACTOR SHALL MAINTAIN A MINIMUM CLEARANCE OF 18\"/>

EXISTING UTILITIES NOTES:
 * IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL EXISTING UTILITIES AND CONDUITS PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN A MINIMUM CLEARANCE OF 18\"/>

CHANGE ORDER NOTE:
 ANY CHANGE ORDER REQUESTED BY THE CONTRACTOR SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FOR ANY CHANGE ORDER. THE CONTRACTOR SHALL MAINTAIN A MINIMUM CLEARANCE OF 18\"/>

CONTRACTOR RESPONSIBLE FOR A CLEAN AND SECURE SITE AT ALL TIMES. TEMPORARY SILT FENCE
N.T.S.



DATE	NO.	REVISIONS
05-20-2024	1	ISSUE FOR PERMITS
07-24-2024	2	REVISED PERMITS
08-28-2024	3	REVISED PERMITS
09-23-2024	4	REVISED PERMITS
11-11-24	5	REVISED PERMITS
12-03-24	6	REVISED PERMITS

N.P.D.E.S. PERMITTING

1. THE CONTRACTOR SHALL OBTAIN A PERMIT FROM THE N.P.D.E.S. BEFORE ANY CONSTRUCTION BEGINS.
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POLK COUNTY ENGINEERING DIVISION STANDARD NOTES:

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CONTRACTOR RESPONSIBLE FOR ALL UTILITIES AT ALL TIMES. TEMPORARY FENCE, ETC.

NOTES:

1. ALL MATERIALS AND WORKMANSHIP LOCATED IN DRAWINGS SHALL BE STRUCTURAL.
2. ALL MATERIALS AND WORKMANSHIP SHALL BE USED IN ALL CONSTRUCTION.
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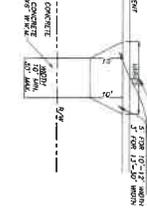
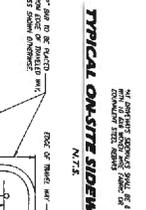
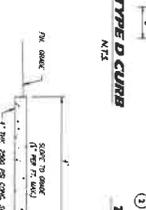
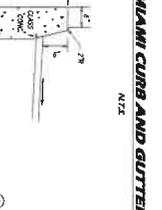
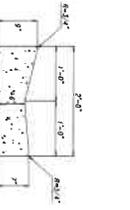
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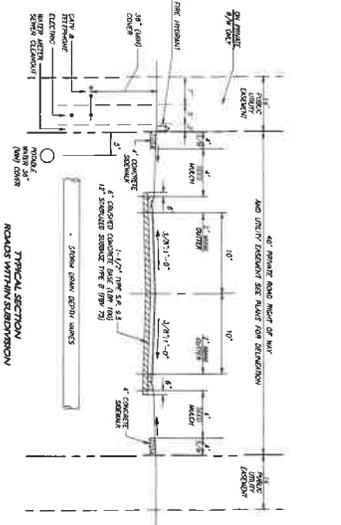
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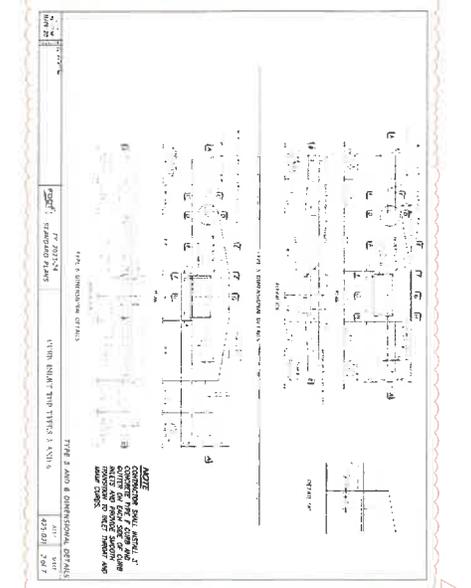
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NOTICE TO ALL CONTRACTORS: DUE TO THE EXISTING OR PROPOSED CONDITION OF THIS PROJECT, NOT ALL OF THESE GENERAL NOTES MAY APPLY.



LIGHT DUTY PAVEMENT CONSTRUCTION			
LAYER	LAYER COEFFICIENT	THICKNESS (INCHES)	STRUCTURAL NUMBER
ASPHALT (AC) DOT 9.5	0.44	1.5	0.66
CRUSHED CONCRETE (48 1/2)	0.18	6	1.08
STABILIZED SUBGRADE	0.06	12	0.72
TOTAL			2.46



*** CHANGE ORDER NOTE: ***
ANY CHANGES / REQUESTS TO THE CONTRACTOR SHALL BE MADE BEFORE ANY CONSTRUCTION BEGINS. ALL CHANGES MUST BE APPROVED BY THE CLIENT AND THE CONTRACTOR BEFORE ANY CONSTRUCTION BEGINS.

CALL 48 HOURS BEFORE YOU DIG IT'S THE LAW
DIAL 811
CONTRACTOR RESPONSIBLE FOR ALL UTILITIES AT ALL TIMES.

ECON
PROFESSIONAL ENGINEERING SERVICES
2400 South Florida Avenue
Tallahassee, FL 32309
TEL: (904) 420-1436
FAX: (904) 420-1437
WWW.ECONENGINEERING.COM

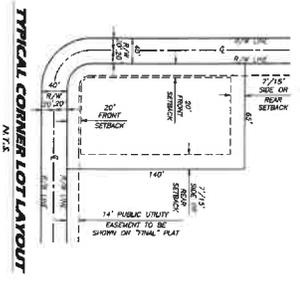
KNIGHTS LANDING PHASE TWO POLK COUNTY, FL

GENERAL NOTES & DETAILS 1

NOT CONSIDERED FINAL UNTIL ALL AGENCY PERMITS ARE RECEIVED AND THE CONTRACTOR HAS OBTAINED A PERMIT TO CONSTRUCT.
DATE: 12/17/2024
PROJECT: KNIGHTS LANDING PHASE TWO
DRAWN BY: JOHN GOLEC
CHECKED BY: JOHN GOLEC
DATE: 12/17/2024
PROJECT: KNIGHTS LANDING PHASE TWO
DRAWN BY: JOHN GOLEC
CHECKED BY: JOHN GOLEC

SETBACK CHART

FRONT YARD	20'
REAR YARD	15'
SIDE YARD	5'
MINIMUM LOT SIZE - 7,000 SQ. FT.	



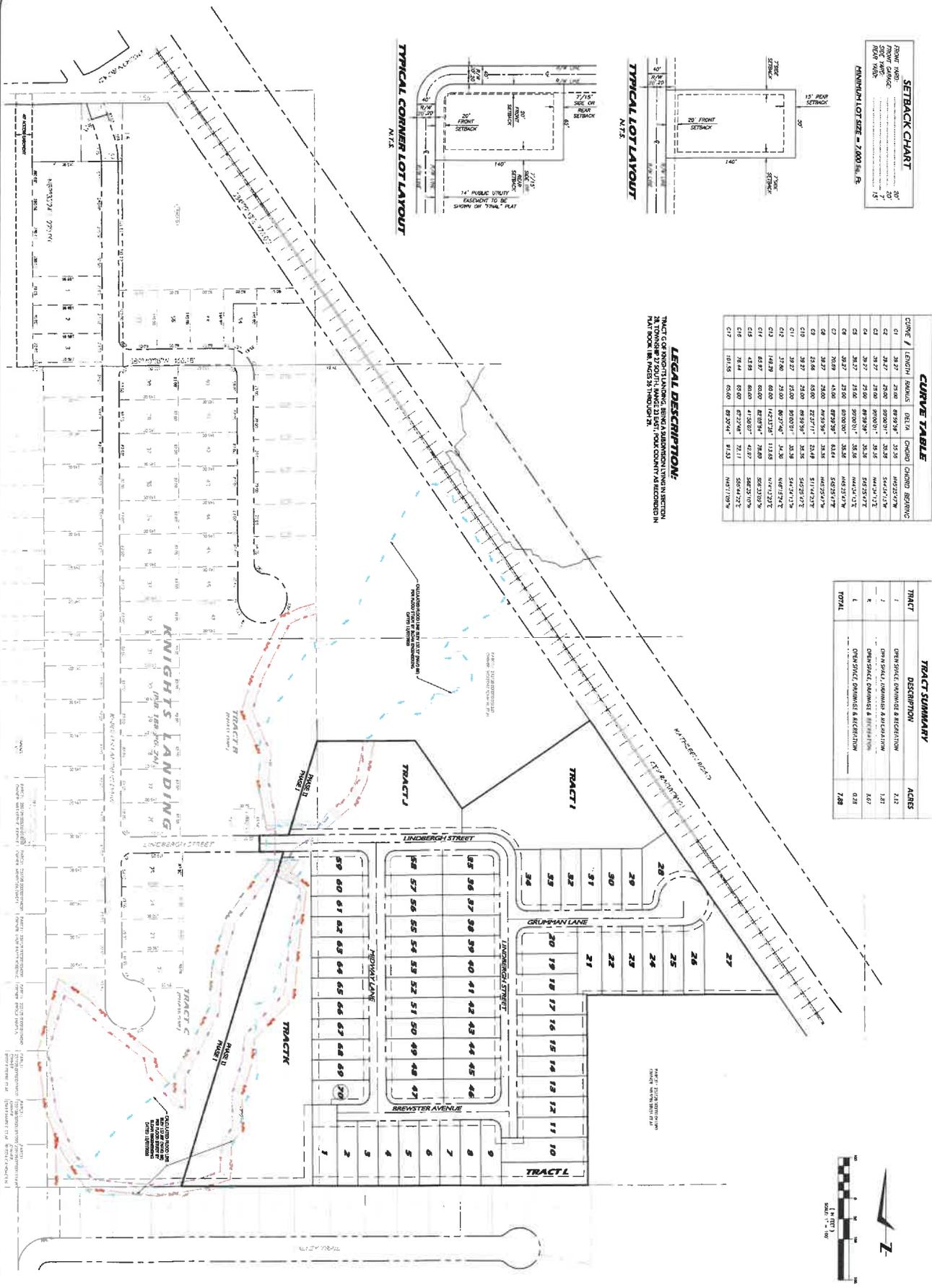
CURVE TABLE

CURVE /	LENGTH	RADIUS	DELTA	CHORD	CHORD BEARING
C1	38.27	25.00	89.934°	32.35	S44.512°E
C2	38.27	25.00	89.934°	32.35	S44.512°E
C3	38.27	25.00	89.934°	32.35	S44.512°E
C4	38.27	25.00	89.934°	32.35	S44.512°E
C5	38.27	25.00	89.934°	32.35	S44.512°E
C6	38.27	25.00	89.934°	32.35	S44.512°E
C7	38.27	25.00	89.934°	32.35	S44.512°E
C8	38.27	25.00	89.934°	32.35	S44.512°E
C9	38.27	25.00	89.934°	32.35	S44.512°E
C10	38.27	25.00	89.934°	32.35	S44.512°E
C11	38.27	25.00	89.934°	32.35	S44.512°E
C12	38.27	25.00	89.934°	32.35	S44.512°E
C13	38.27	25.00	89.934°	32.35	S44.512°E
C14	38.27	25.00	89.934°	32.35	S44.512°E
C15	38.27	25.00	89.934°	32.35	S44.512°E
C16	38.27	25.00	89.934°	32.35	S44.512°E
C17	38.27	25.00	89.934°	32.35	S44.512°E

LEGAL DESCRIPTION:
 TRACT C, PART OF THE 1/4 SECTION 16, TOWNSHIP 27 SOUTH, RANGE 23 WEST, COCKSCOMB AND REDBURN PLAT BOOK 188, PAGES 28 THROUGH 34.

TRACT SUMMARY

TRACT	DESCRIPTION	ACRES
1	OWN SPACE, DRAINAGE & RETENTION	2.12
2	OWN SPACE, DRAINAGE & RETENTION	1.21
3	OWN SPACE, DRAINAGE & RETENTION	5.63
4	OWN SPACE, DRAINAGE & RETENTION	0.23
TOTAL		7.88



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 • PROFESSIONAL ENGINEERING SERVICES - CA#34889

**KNIGHTS LANDING
 PHASE TWO
 POLK COUNTY, FL**

**OVERALL
 GENERAL LOT
 PLAN**

NOT VALID UNLESS PHYSICALLY SIGNED OR ELECTRONICALLY SIGNED AND SEALED

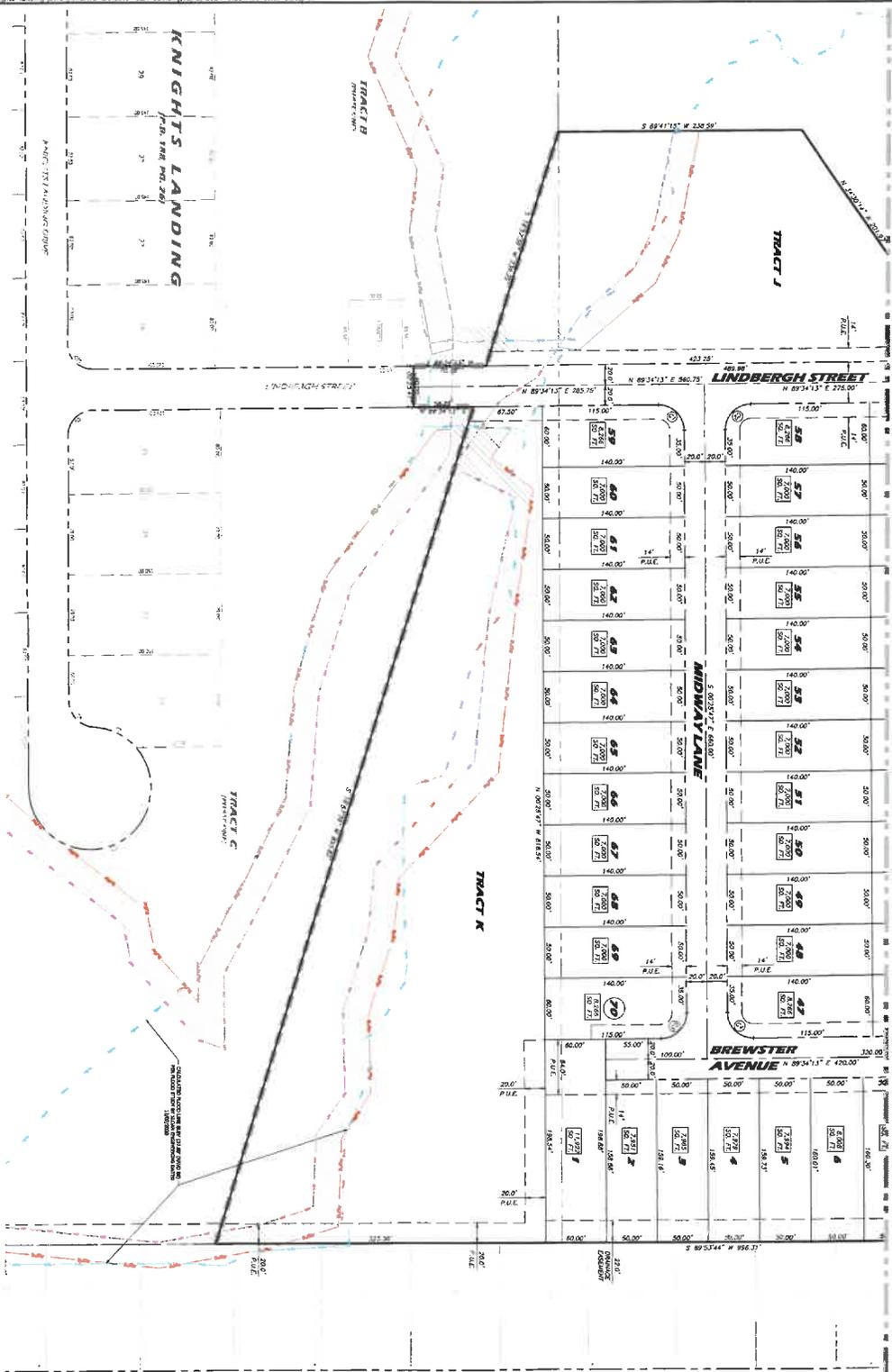
NOT CONSIDERED FINAL UNTIL ALL AGENCY PERMITS HAVE BEEN OBTAINED AND THE PROJECT COMPLETION DATE IS DETERMINED.

DATE: 06/23/23

REVISIONS:

1	REVISED METEOROLOGICAL DATA
2	ADD REVISIONS TO SHEETS
3	REVISED PERMITS & REGULATIONS
4	REVISED PERMITS & REGULATIONS
5	REVISED PERMITS & REGULATIONS
6	REVISED PERMITS & REGULATIONS
7	REVISED PERMITS & REGULATIONS
8	REVISED PERMITS & REGULATIONS
9	REVISED PERMITS & REGULATIONS
10	REVISED PERMITS & REGULATIONS

CHARLES R. BROADBENT, P.E. LICENSE #88115 DATE 12-03-24



SEE SHEET BY FOR CONTINUATION

CURVE #	LENGTH	RADIUS	DELTA	CURVED	CHORD	BEARING
C1	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C2	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C3	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C4	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C5	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C6	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C7	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C8	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C9	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C10	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C11	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C12	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C13	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C14	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C15	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C16	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C17	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C18	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C19	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C20	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C21	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C22	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C23	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C24	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C25	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C26	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C27	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C28	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C29	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C30	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C31	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C32	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C33	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C34	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C35	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C36	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C37	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C38	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C39	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C40	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C41	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C42	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C43	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C44	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C45	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C46	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C47	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C48	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C49	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C50	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C51	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C52	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C53	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C54	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C55	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C56	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C57	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C58	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C59	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C60	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C61	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C62	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C63	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C64	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C65	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C66	39.27	23.00	90.0000°	32.36	54.4717	142.9176
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C68	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C69	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C70	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C71	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C72	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C73	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C74	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C75	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C76	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C77	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C78	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C79	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C80	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C81	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C82	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C83	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C84	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C85	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C86	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C87	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C88	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C89	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C90	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C91	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C92	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C93	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C94	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C95	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C96	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C97	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C98	39.27	23.00	90.0000°	32.36	54.4717	142.9176
C99	39.27	23.00	86.9341°	32.36	54.4717	142.9176
C100	39.27	23.00	90.0000°	32.36	54.4717	142.9176

ECON
 REGISTERED PROFESSIONAL ENGINEER
 4205 South Florida Avenue,
 Suite 4, Clearwater, Florida 34615
 (813) 461-0555 • Fax: (813) 461-1438
 A PROFESSIONAL ENGINEERING SERVICE COMPANY

**KNIGHTS LANDING
 PHASE TWO
 POLK COUNTY, FL**

**ENLARGED
 GENERAL LOT
 PLAN 1**

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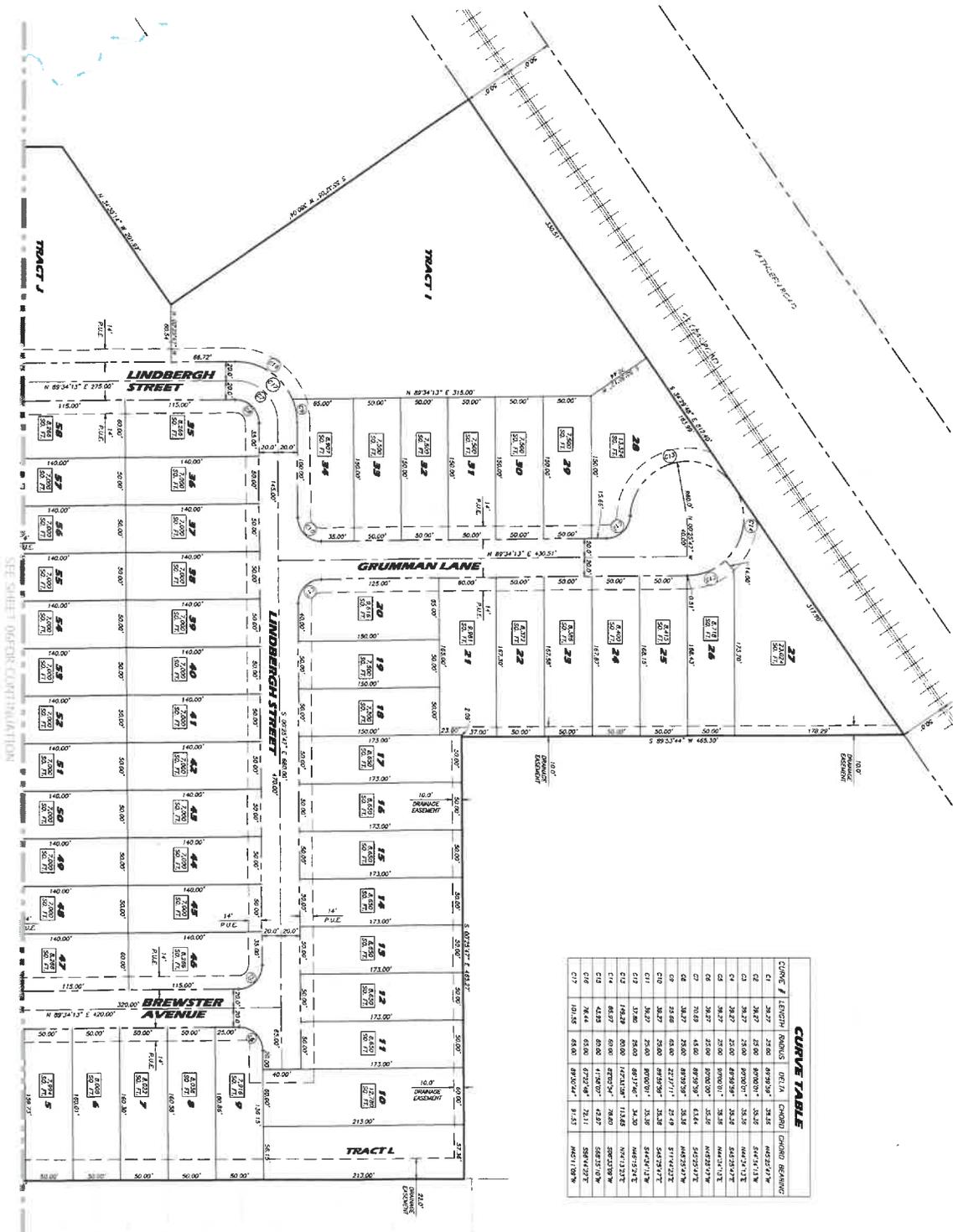
NOT CONSIDERED FINAL UNTIL ALL AGENCY PERMITS ARE OBTAINED FROM THE POLK COUNTY ENGINEER'S OFFICE.

DATE: 06/27/23
 NO: 4
 REVISIONS:
 1. 11-17-23 5. REVISE WETLAND BOUNDARY
 2. 03-28-24 6. REVISE PERMITS & OBTAIN PERMITS
 3. 03-28-24 7. REVISE WETLAND BOUNDARY & REVISE PERMITS
 4. 03-28-24 8. REVISE PERMITS & OBTAIN PERMITS
 5. 11-17-23 9. REVISE WETLAND BOUNDARY & REVISE PERMITS
 6. 11-17-23 10. REVISE WETLAND BOUNDARY & REVISE PERMITS

CHARLES R. BROOKER, P.E. LICENSE # 98816 DATE: 12-23-24

DATE: 06/27/23
 NO: 4
 REVISIONS:
 1. 11-17-23 5. REVISE WETLAND BOUNDARY
 2. 03-28-24 6. REVISE PERMITS & OBTAIN PERMITS
 3. 03-28-24 7. REVISE WETLAND BOUNDARY & REVISE PERMITS
 4. 03-28-24 8. REVISE PERMITS & OBTAIN PERMITS
 5. 11-17-23 9. REVISE WETLAND BOUNDARY & REVISE PERMITS
 6. 11-17-23 10. REVISE WETLAND BOUNDARY & REVISE PERMITS

06
 SHEET



CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA	CHORD	CHORD BEARING
C1	38.27	216.00	69.9397°	38.84	N45.2317°W
C2	38.27	216.00	69.9397°	38.84	N44.7683°E
C3	38.27	216.00	69.9397°	38.84	N44.7683°E
C4	38.27	216.00	69.9397°	38.84	N45.2317°W
C5	38.27	216.00	69.9397°	38.84	N45.2317°W
C6	38.27	216.00	69.9397°	38.84	N44.7683°E
C7	38.27	216.00	69.9397°	38.84	N44.7683°E
C8	38.27	216.00	69.9397°	38.84	N45.2317°W
C9	38.27	216.00	69.9397°	38.84	N45.2317°W
C10	38.27	216.00	69.9397°	38.84	N44.7683°E
C11	38.27	216.00	69.9397°	38.84	N44.7683°E
C12	38.27	216.00	69.9397°	38.84	N45.2317°W
C13	38.27	216.00	69.9397°	38.84	N45.2317°W
C14	38.27	216.00	69.9397°	38.84	N44.7683°E
C15	38.27	216.00	69.9397°	38.84	N44.7683°E
C16	38.27	216.00	69.9397°	38.84	N45.2317°W
C17	38.27	216.00	69.9397°	38.84	N45.2317°W

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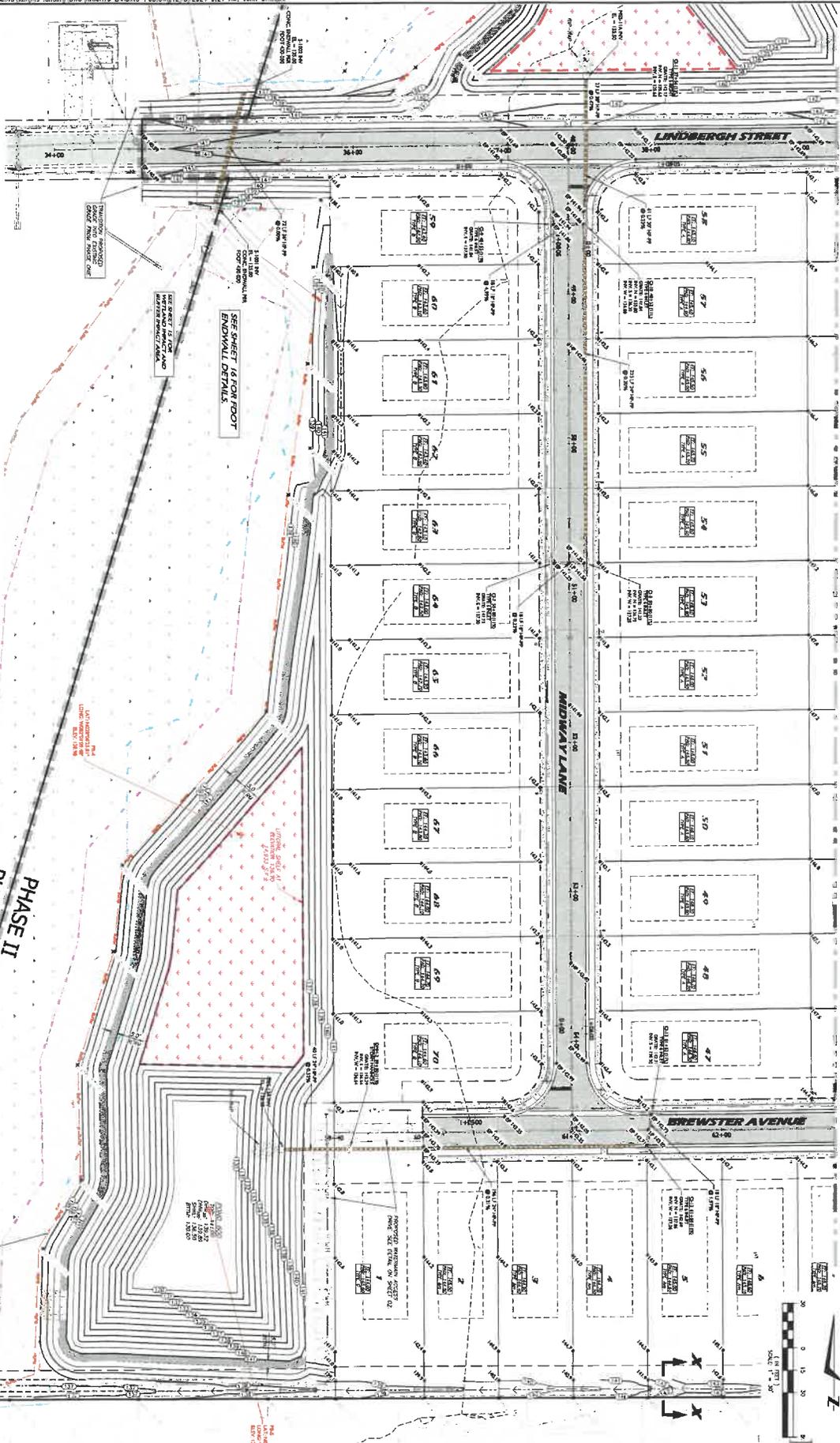
**KNIGHTS LANDING
PHASE TWO
POLK COUNTY, FL**

**ENLARGED
GENERAL LOT
PLAN 2**

DATE: 06/23/23
1. 11.13.23
05-26-24
05-26-24
11-11-24
12-03-24

REVISIONS:
1. REVISED PER POLK COUNTY PERMITS
2. REVISED PERMITS & OBTAINED PER LICENSED
3. REVISED PERMITS & OBTAINED PER LICENSED
4. REVISED PERMITS & OBTAINED PER LICENSED
5. REVISED PERMITS & OBTAINED PER LICENSED
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7. REVISED PERMITS & OBTAINED PER LICENSED
8. REVISED PERMITS & OBTAINED PER LICENSED
9. REVISED PERMITS & OBTAINED PER LICENSED
10. REVISED PERMITS & OBTAINED PER LICENSED

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NOTICE
 CONSTRUCTION TO EXISTING EXTERIOR GROUND COVER EXISTENCE IN THE AREA OF THE EXISTING GAS MAIN.

DEWATERING NOTE
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEWATERING OF ALL EXISTING AND NEW CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEWATERING OF ALL EXISTING AND NEW CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEWATERING OF ALL EXISTING AND NEW CONSTRUCTION.

UTILITY SEPARATION NOTE
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEPARATION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEPARATION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEPARATION OF ALL UTILITIES.

CONTRACTOR RESPONSIBILITY
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEPARATION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEPARATION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEPARATION OF ALL UTILITIES.

CONTRACTOR RESPONSIBILITY FOR A CLEAN AND SECURE SITE AT ALL TIMES, TEMPORARILY THROUGHOUT THE PROJECT.

EXISTING UTILITIES NOTES
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEPARATION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEPARATION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEPARATION OF ALL UTILITIES.

OSHA NOTE
 CONSTRUCTION TO EXISTING EXTERIOR GROUND COVER EXISTENCE IN THE AREA OF THE EXISTING GAS MAIN.

CHANGE ORDER NOTE:
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEPARATION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEPARATION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEPARATION OF ALL UTILITIES.

UNSUITABLE MATERIAL NOTE
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEPARATION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEPARATION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEPARATION OF ALL UTILITIES.

EXISTING GAS MAIN NOTE
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEPARATION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEPARATION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEPARATION OF ALL UTILITIES.

SEE SHEET 08 FOR LEGEND, NOTES AND LOT GRADING TYPE DETAILS.

CALL 48 HOURS BEFORE YOU DIG ITS THE LAW! DIAL 811

811

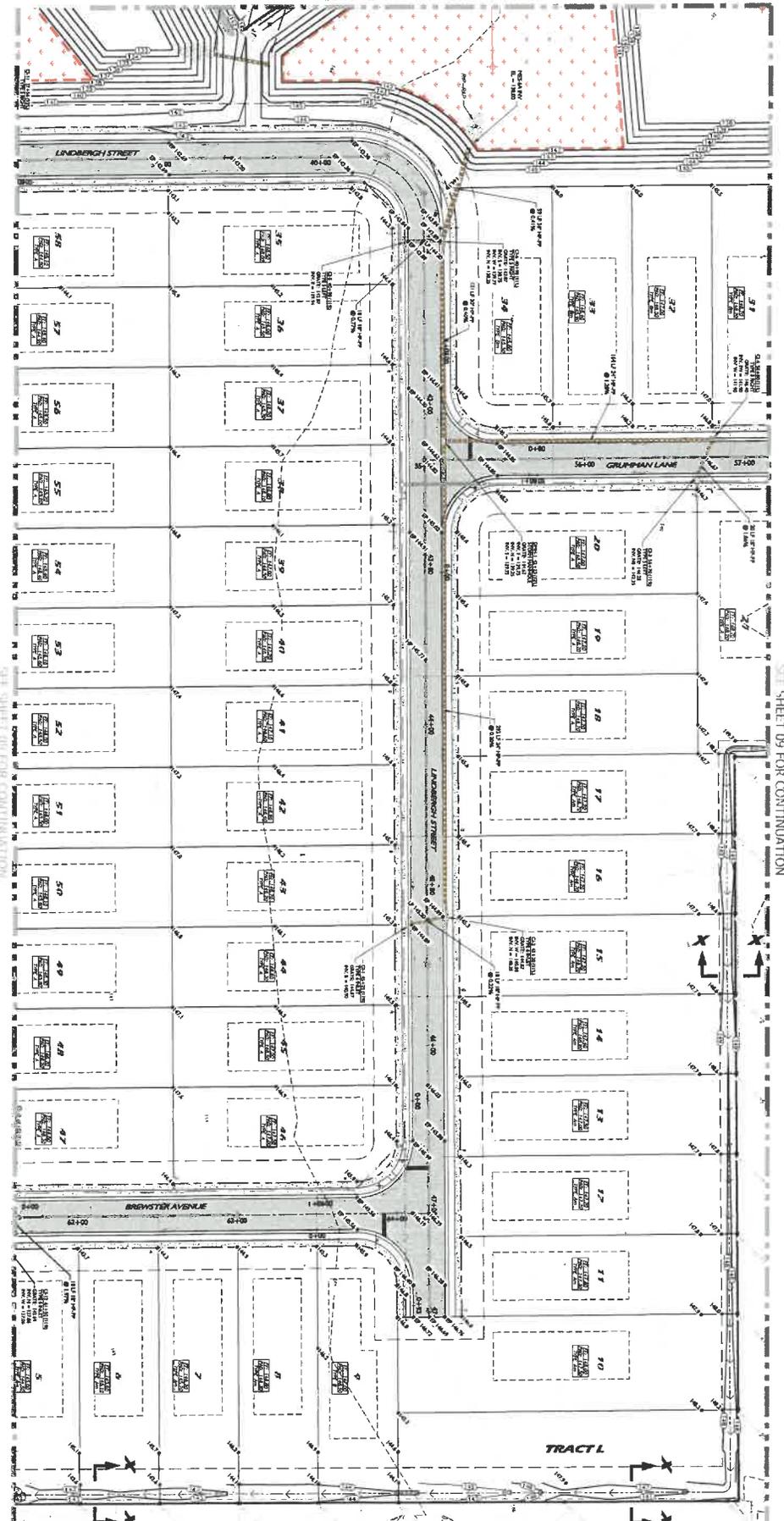
EC ON
 ADDRESS: 10000 W. UNIVERSITY BLVD. SUITE 1000
 DALLAS, TX 75243
 PHONE: (214) 343-1111
 FAX: (214) 343-1112
 WWW.ECONENGINEERING.COM

KNIGHTS LANDING PHASE TWO POLK COUNTY, FL

ENLARGED PAVING GRADING AND DRAINAGE PLAN 1

DATE	NO.	REVISIONS
06/22/22	1	ISSUE FOR PERMIT
07/12/23	2	REVISED PERMIT CONDITIONS
08/24/23	3	REVISED PERMIT CONDITIONS
09/22/24	4	REVISED PERMIT CONDITIONS
11/12/24	5	REVISED PERMIT CONDITIONS
12/03/24	6	REVISED PERMIT CONDITIONS

SEE SHEET 09 FOR CONTINUATION



SEE SHEET 09 FOR CONTINUATION

SEE SHEET 09 FOR CONTINUATION

*** NOTICE ***
 CONSTRUCTION TO EXISTING EXTERIOR CURBLINE DURING EXCAVATION IN THE AREA OF THE EXISTING GAS MAIN

*** DEMATERING NOTE ***
 PER THE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION, ALL EXISTING DEMATERING SHALL BE REMOVED FROM THE PROJECT AREA. THE DEMATERING SHALL BE REMOVED TO A MINIMUM OF 10 FEET FROM THE EXISTING CURBLINE AND SHALL BE RELOCATED TO AN AREA OF THE PROJECT AREA.

*** UTILITY SEPARATION NOTE ***
 EXISTING UTILITY SEPARATION SHALL BE MAINTAINED THROUGHOUT THE PROJECT. ANY NEW UTILITY SEPARATION SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FLORIDA STATE BOARD OF PROFESSIONAL ENGINEERING REGULATIONS AND THE LATEST EDITIONS OF THE FLORIDA STATE BOARD OF PROFESSIONAL SURVEYING REGULATIONS.

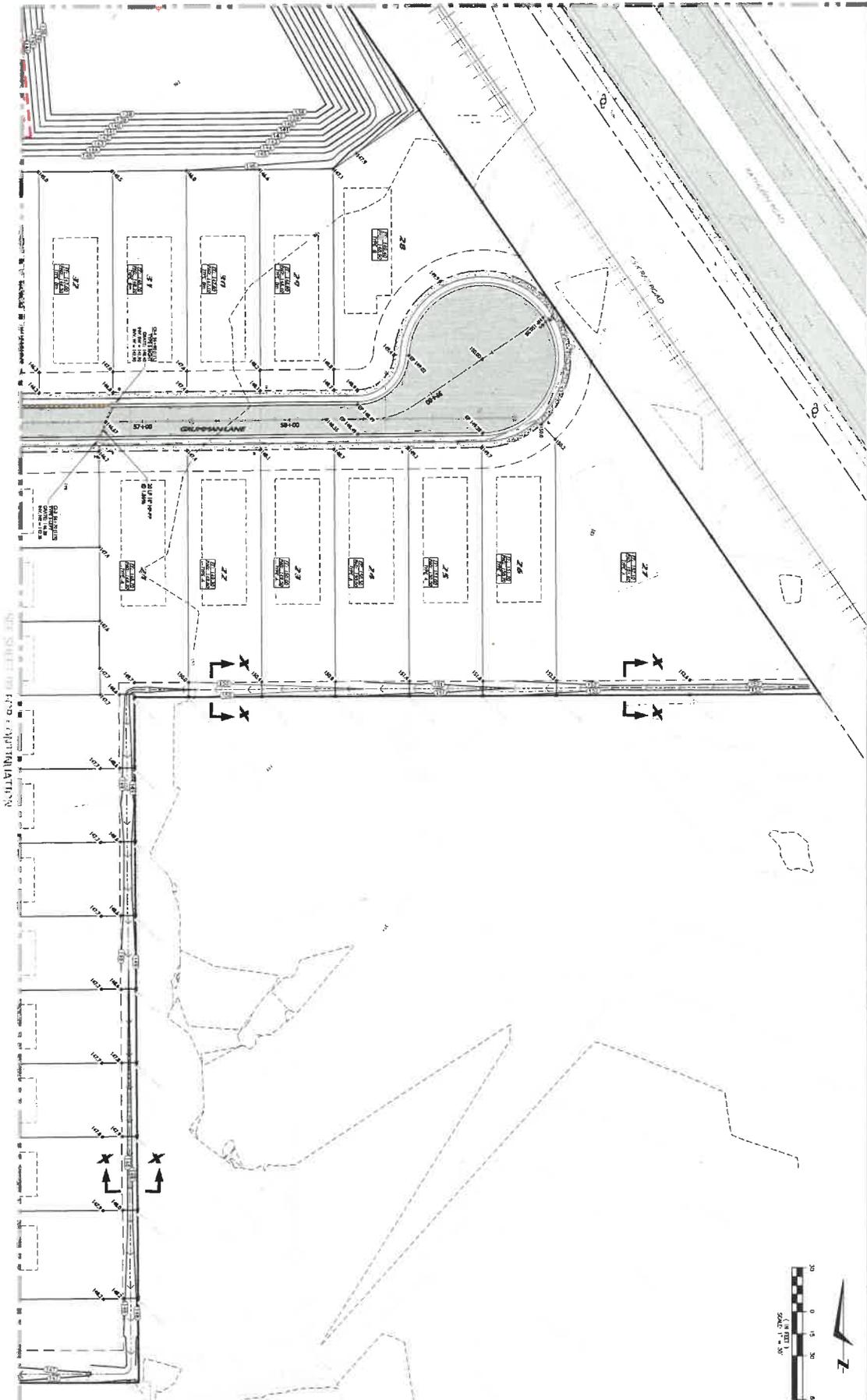
*** CONTRACTOR RESPONSIBILITY TO MAINTAIN ***
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING UTILITIES AND STRUCTURES THROUGHOUT THE PROJECT. ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.

*** AND SECURE SITE AT ALL TIMES, TEMPORARILY PERMANENTLY ***

*** EXISTING UTILITIES NOTES ***
 ALL EXISTING UTILITIES SHALL BE MAINTAINED THROUGHOUT THE PROJECT. ANY NEW UTILITY SEPARATION SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FLORIDA STATE BOARD OF PROFESSIONAL ENGINEERING REGULATIONS AND THE LATEST EDITIONS OF THE FLORIDA STATE BOARD OF PROFESSIONAL SURVEYING REGULATIONS.

*** OSHA NOTE ***
 CONSTRUCTION TO COMPLY WITH OSHA STANDARDS IN 29 CFR 1926.1000, 1926.1001, 1926.1002, 1926.1003, 1926.1004, 1926.1005, 1926.1006, 1926.1007, 1926.1008, 1926.1009, 1926.1010, 1926.1011, 1926.1012, 1926.1013, 1926.1014, 1926.1015, 1926.1016, 1926.1017, 1926.1018, 1926.1019, 1926.1020, 1926.1021, 1926.1022, 1926.1023, 1926.1024, 1926.1025, 1926.1026, 1926.1027, 1926.1028, 1926.1029, 1926.1030, 1926.1031, 1926.1032, 1926.1033, 1926.1034, 1926.1035, 1926.1036, 1926.1037, 1926.1038, 1926.1039, 1926.1040, 1926.1041, 1926.1042, 1926.1043, 1926.1044, 1926.1045, 1926.1046, 1926.1047, 1926.1048, 1926.1049, 1926.1050, 1926.1051, 1926.1052, 1926.1053, 1926.1054, 1926.1055, 1926.1056, 1926.1057, 1926.1058, 1926.1059, 1926.1060, 1926.1061, 1926.1062, 1926.1063, 1926.1064, 1926.1065, 1926.1066, 1926.1067, 1926.1068, 1926.1069, 1926.1070, 1926.1071, 1926.1072, 1926.1073, 1926.1074, 1926.1075, 1926.1076, 1926.1077, 1926.1078, 1926.1079, 1926.1080, 1926.1081, 1926.1082, 1926.1083, 1926.1084, 1926.1085, 1926.1086, 1926.1087, 1926.1088, 1926.1089, 1926.1090, 1926.1091, 1926.1092, 1926.1093, 1926.1094, 1926.1095, 1926.1096, 1926.1097, 1926.1098, 1926.1099, 1926.1100, 1926.1101, 1926.1102, 1926.1103, 1926.1104, 1926.1105, 1926.1106, 1926.1107, 1926.1108, 1926.1109, 1926.1110, 1926.1111, 1926.1112, 1926.1113, 1926.1114, 1926.1115, 1926.1116, 1926.1117, 1926.1118, 1926.1119, 1926.1120, 1926.1121, 1926.1122, 1926.1123, 1926.1124, 1926.1125, 1926.1126, 1926.1127, 1926.1128, 1926.1129, 1926.1130, 1926.1131, 1926.1132, 1926.1133, 1926.1134, 1926.1135, 1926.1136, 1926.1137, 1926.1138, 1926.1139, 1926.1140, 1926.1141, 1926.1142, 1926.1143, 1926.1144, 1926.1145, 1926.1146, 1926.1147, 1926.1148, 1926.1149, 1926.1150, 1926.1151, 1926.1152, 1926.1153, 1926.1154, 1926.1155, 1926.1156, 1926.1157, 1926.1158, 1926.1159, 1926.1160, 1926.1161, 1926.1162, 1926.1163, 1926.1164, 1926.1165, 1926.1166, 1926.1167, 1926.1168, 1926.1169, 1926.1170, 1926.1171, 1926.1172, 1926.1173, 1926.1174, 1926.1175, 1926.1176, 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1926.1905, 1926.1906, 1926.1907, 1926.1908, 1926.1909, 1926.1910, 1926.1911, 1926.1912, 1926.1913, 1926.1914, 1926.1915, 1926.1916, 1926.1917, 1926.1918, 1926.1919, 1926.1920, 1926.1921, 1926.1922, 1926.1923, 1926.1924, 1926.1925, 1926.1926, 1926.1927, 1926.1928, 1926.1929, 1926.1930, 1926.1931, 1926.1932, 1926.1933, 1926.1934, 1926.1935, 1926.1936, 1926.1937, 1926.1938, 1926.1939, 1926.1940, 1926.1941, 1926.1942, 1926.1943, 1926.1944, 1926.1945, 1926.1946, 1926.1947, 1926.1948, 1926.1949, 1926.1950, 1926.1951, 1926.1952, 1926.1953, 1926.1954, 1926.1955, 1926.1956, 1926.1957, 1926.1958, 1926.1959, 1926.1960, 1926.1961, 1926.1962, 1926.1963, 1926.1964, 1926.1965, 1926.1966, 1926.1967, 1926.1968, 1926.1969, 1926.1970, 1926.1971, 1926.1972, 1926.1973, 1926.1974, 1926.1975, 1926.1976, 1926.1977, 1926.1978, 1926.1979, 1926.1980, 1926.1981, 1926.1982, 1926.1983, 1926.1984, 1926.1985, 1926.1986, 1926.1987, 1926.1988, 1926.1989, 1926.1990, 1926.1991, 1926.1992, 1926.1993, 1926.1994, 1926.1995, 1926.1996, 1926.1997, 1926.1998, 1926.1999, 1926.2000, 1926.2001, 1926.2002, 1926.2003, 1926.2004, 1926.2005, 1926.2006, 1926.2007, 1926.2008, 1926.2009, 1926.2010, 1926.2011, 1926.2012, 1926.2013, 1926.2014, 1926.2015, 1926.2016, 1926.2017, 1926.2018, 1926.2019, 1926.2020, 1926.2021, 1926.2022, 1926.2023, 1926.2024, 1926.2025, 1926.2026, 1926.2027, 1926.2028, 1926.2029, 1926.2030, 1926.2031,

SEE SHEET 09 FOR CONTINUATION



*** NOTICE ***
 CONSTRUCTION TO EXISTING EXTERIOR CURB SHALL BE OCCASIONED IN THE AREA OF THE EXISTING OLD MAIN.

*** Dewatering Note ***
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEWATERING OF THE EXISTING EXTERIOR CURB AND THE EXISTING EXTERIOR CURB SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEWATERING OF THE EXISTING EXTERIOR CURB AND THE EXISTING EXTERIOR CURB SHALL BE MAINTAINED AT ALL TIMES.

*** UTILITY SEPARATION NOTE ***
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEPARATION OF ALL UTILITIES AND THE EXISTING EXTERIOR CURB SHALL BE MAINTAINED AT ALL TIMES.

*** CONSTRUCTION RESPONSIBILITY FOR A CLEAN AND SECURE SITE AT ALL TIMES, TEMPORARILY ***

*** EXISTING UTILITIES NOTES ***
 ALL UTILITIES SHOWN ON THIS PLAN ARE BASED ON THE RECORD DRAWINGS AND FIELD SURVEY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL UTILITIES AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.

*** OSMA NOTE ***
 CONSTRUCTION TO OSMA SHALL BE OCCASIONED IN THE AREA OF THE EXISTING EXTERIOR CURB AND THE EXISTING EXTERIOR CURB SHALL BE MAINTAINED AT ALL TIMES.

*** CHANGE ORDER NOTE ***
 ANY CHANGES TO THIS PLAN SHALL BE MADE BY A CHANGE ORDER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL UTILITIES AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.

*** UNSUITABLE MATERIAL NOTE ***
 UNSUITABLE MATERIAL SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL UTILITIES AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.

*** EXISTING GAS MAIN NOTE ***
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL UTILITIES AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.

SEE SHEET 09 FOR LEGEND, NOTES AND LOT GRADING TYPE DETAILS.

CALL 48 HOURS BEFORE YOU DIG
 1179 THE LAWN
 DIAL 811
 CALL 800-48-4848

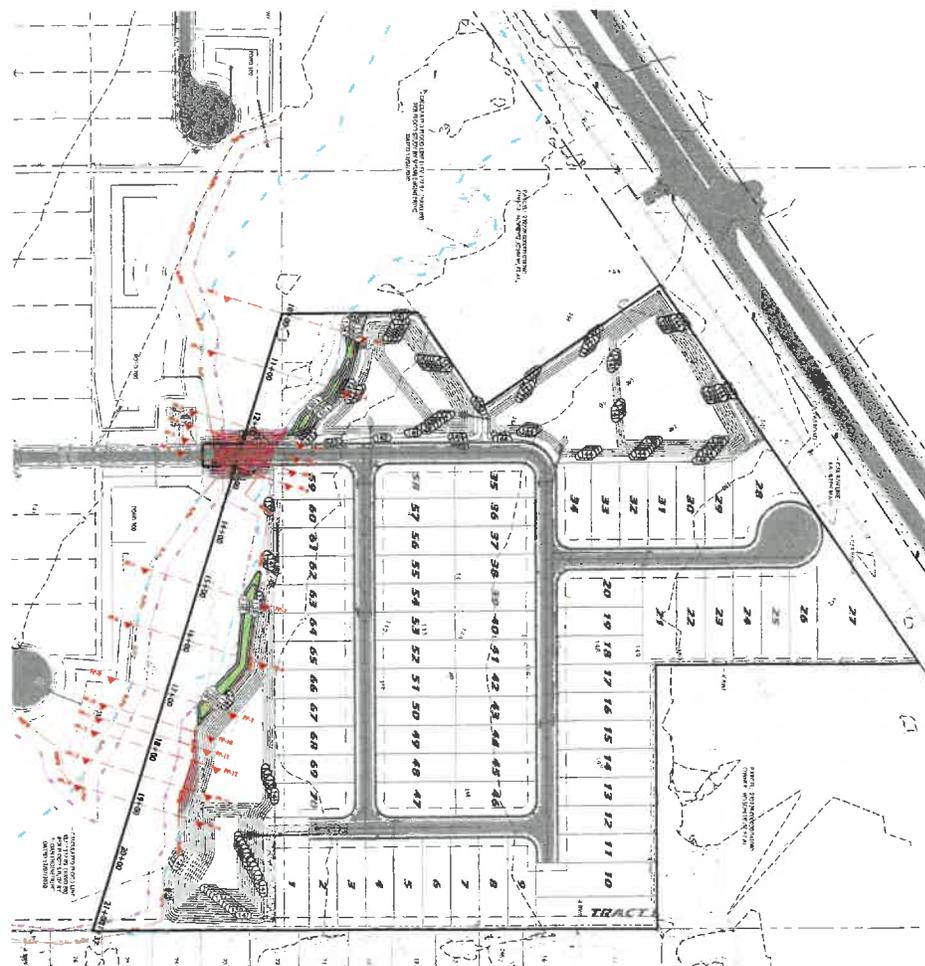
DATE	NO	REVISIONS
06/25/23	1	ISSUE FOR PERMITS
11/23/23	2	ADD FOOT OVERLAP DETAILS
03/26/24	3	REVISE PERMITS & CHANGE PERMITS
05/06/24	4	REVISE PERMITS & CHANGE PERMITS
05/23/24	5	REVISE PERMITS & CHANGE PERMITS
11-11-24	6	REVISE PERMITS & CHANGE PERMITS
12-03-24	7	REVISE PERMITS & CHANGE PERMITS

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 • PROFESSIONAL ARCHITECTURAL SERVICES - FLORIDA

**KNIGHTS LANDING
 PHASE TWO
 POLK COUNTY, FL**

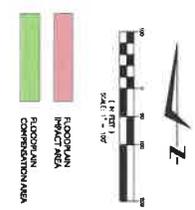
**ENLARGED PAVING
 GRADING AND
 DRAINAGE PLAN 3**

CHARLES A. BROOKER, P.E. LICENSE #98615 DATE



Name	Type	Cr Factor	Fill Factor	3d Area (Sq Ft)	Cr. (C.U. Yd.)	Fill (C.U. Yd.)	Net (C.U. Yd.)
FLOODPLAIN IMPACT VBL	Fill	1.000	1.000	990.25	0.88	2.872	286.638
FLOODPLAIN COMPEN VBL	Fill	1.000	1.000	2130.86	0.90	21.91	2111.918
FLOODPLAIN COMPEN VBL	Fill	1.000	1.000	6449.21	198.80	19.47	1729.74
FLOODPLAIN COMPEN VBL	Fill	1.000	1.000	9319.43	210.88	4.08	208.98
TRACT				24 Acres (64,113)	436.56	304.86	101.68

SEE SHEET 15B FOR SECTIONS



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**KNIGHTS LANDING
PHASE TWO
POLK COUNTY, FL**

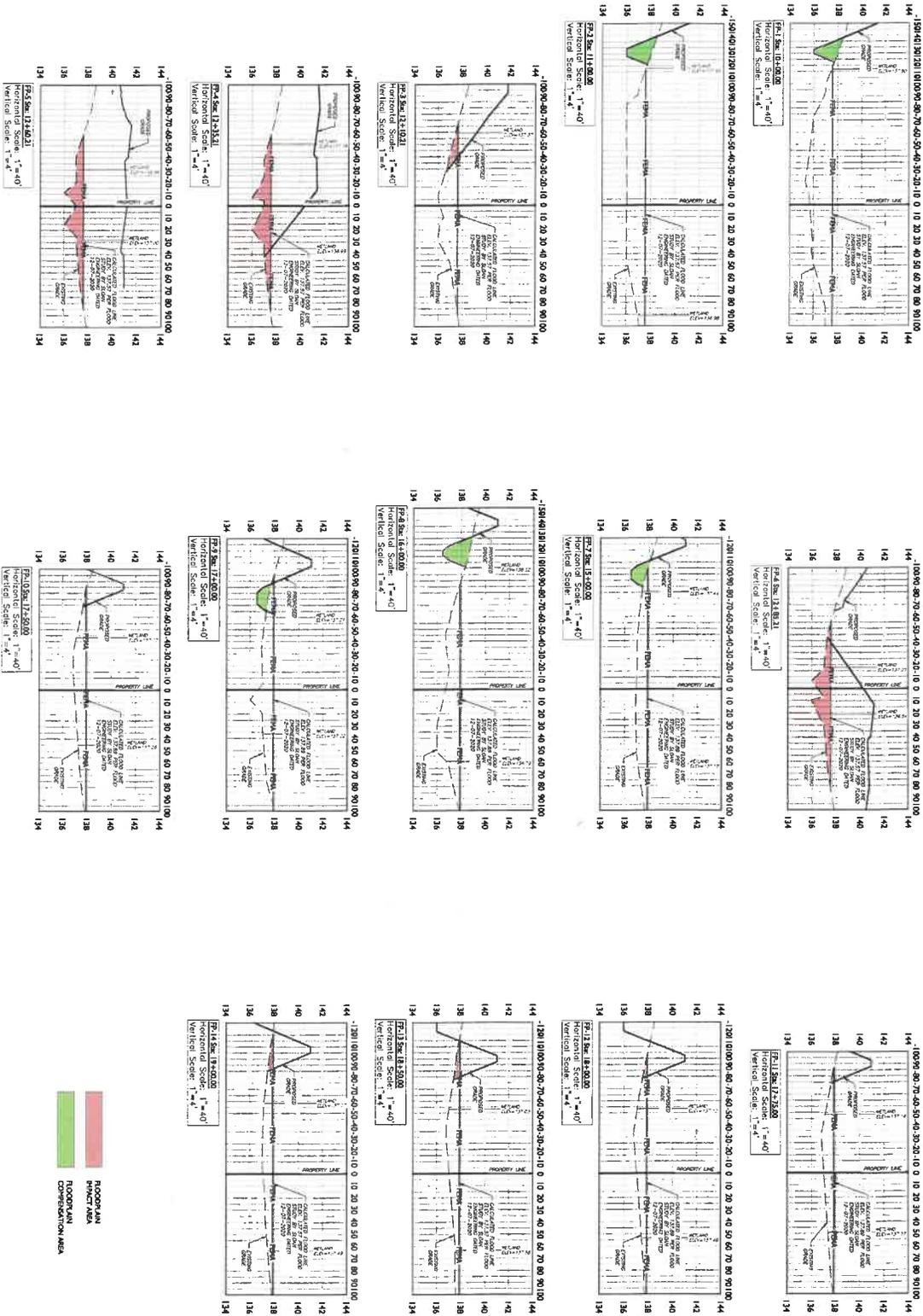
**FLOODPLAIN
IMPACT AND
COMPENSATION
PLAN**

NOT VALID UNLESS PHYSICALLY SIGNED AND SEALED OR ELECTRONICALLY SIGNED AND SEALED

NOT CONSIDERED FINAL UNTIL ALL AGENCY PERMITS HAVE BEEN OBTAINED AND SUBMITTED FOR CONSTRUCTION

DATE	NO.	REVISIONS
05/06/23	1	1. Update Site & P. Per Revised Data & Conditions
05/12/23	2	2. REVISE UTILITIES
04/22/23	3	3. REVISE UTILITIES
11/17/23	4	4. REVISE UTILITIES
05/26/24	5	5. REVISE FLOODPLAIN & COMPENSATION
05/26/24	6	6. REVISE FLOODPLAIN & COMPENSATION
05/26/24	7	7. REVISE FLOODPLAIN & COMPENSATION
05/26/24	8	8. REVISE FLOODPLAIN & COMPENSATION

CHARLES R. BROOKER, P.E. LICENSE #88615 DATE



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 Fax: 904-251-1101
 Email: info@econeng.com

**KNIGHTS LANDING
 PHASE TWO
 POLK COUNTY, FL**

**FLOODPLAIN
 IMPACT AND
 COMPENSATION
 PLAN 2**

NOT VALID UNLESS PHYSICALLY SIGNED, DATE AND SEALED BY THE ENGINEER ON THE DATE INDICATED HEREON. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

DATE: 04/26/23
 1. REVIEW BY THE ENGINEER
 04/27/23 2. REVIEW BY THE ENGINEER
 11/13/23 3. ADD FLOOD PROTECTION
 05/24/23 4. ADD FLOOD PROTECTION
 08/01/23 5. ADD FLOOD PROTECTION
 02/22/24 6. REVIEW BY POLK COUNTY COMMISSIONER

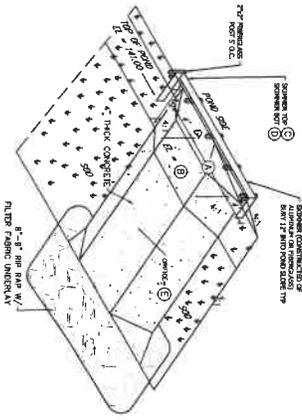
CHARLES A. BRIDGEMAN, P.E. LICENSE #98815 DATE

NO.	DATE	DESCRIPTION
1	04/26/23	REVIEW BY THE ENGINEER
2	04/27/23	REVIEW BY THE ENGINEER
3	11/13/23	ADD FLOOD PROTECTION
4	05/24/23	ADD FLOOD PROTECTION
5	08/01/23	ADD FLOOD PROTECTION
6	02/22/24	REVIEW BY POLK COUNTY COMMISSIONER

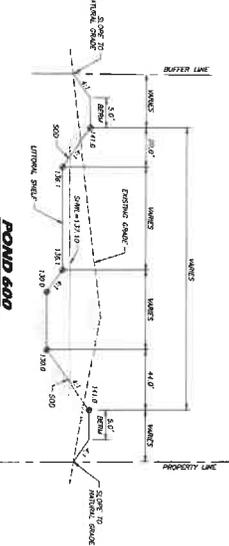


STRUCTURE NAME	WIDTH	WEIR ELEVATION	SCOURING TYPE	SCOURING WIDTH	ORIG. DATE
W-600	5'	136.30	141.0	18.50	1.07 @ 10/18/13

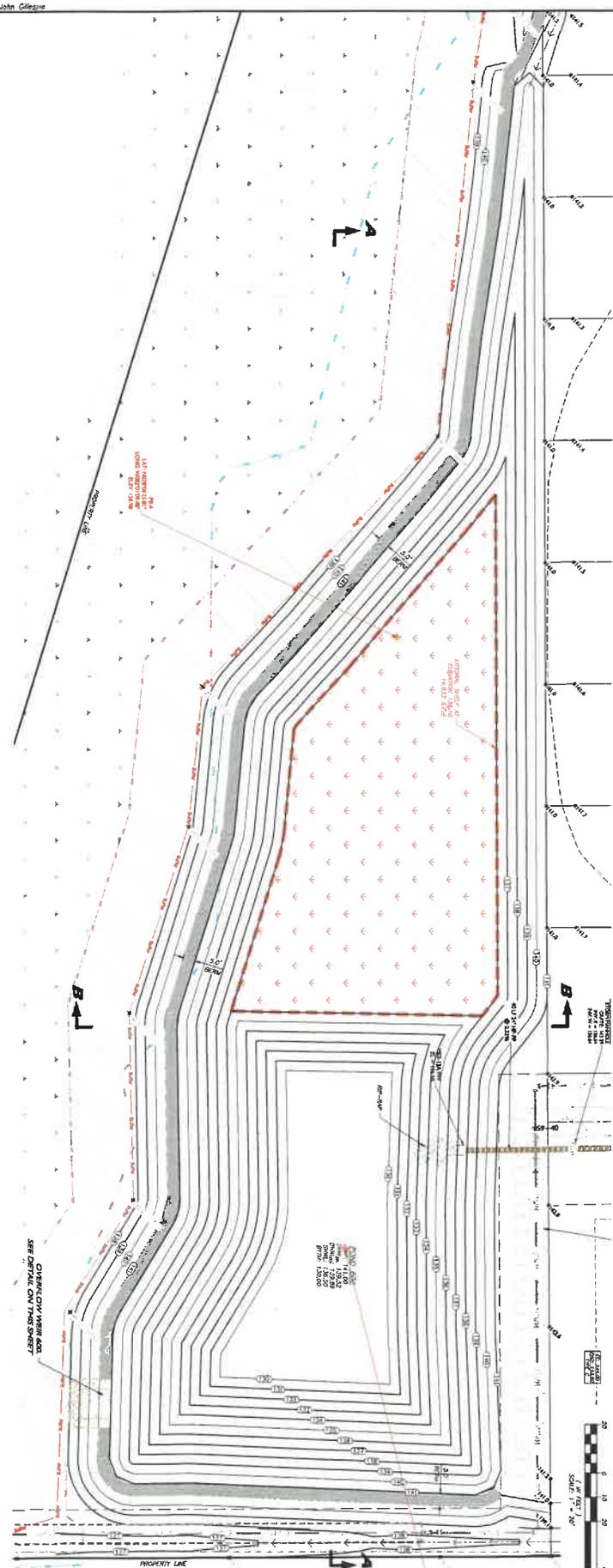
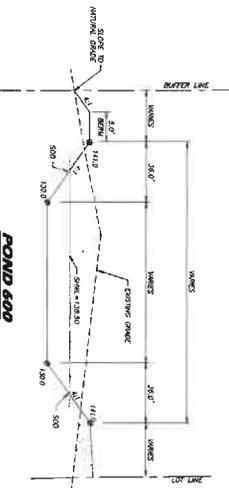
POND 600 - WEIR DETAIL
N.T.S.



POND 600 SECTION A-A
N.T.S.



POND 600 SECTION B-B
N.T.S.



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KNIGHTS LANDING PHASE TWO POLK COUNTY, FL

POND DETAILS 3

DATE	NO.	REVISIONS
11/18/23	1	ISSUE FOR PERMIT
05-20-24	2	REVISED PER COUNTY COMMENTS
05-20-24	3	REVISED PER COUNTY COMMENTS
11/11/24	4	REVISED PER COUNTY COMMENTS
12-03-24	5	REVISED PER COUNTY COMMENTS

NOT TO SCALE
ELECTRONICALLY SIGNED AND SEALED
NOT CONSIDERED FINAL UNTIL ALL AGENCY PERMITS ARE OBTAINED AND APPROVED FOR CONSTRUCTION
SCALE: AS SHOWN
DATE: 12/3/2024 9:22 AM
BY: JOHN GILLESPIE
CHECKED BY: [Signature]
DATE: [Signature]
PROJECT: KNIGHTS LANDING PHASE TWO
SHEET: POND DETAILS 3
DRAWN BY: [Signature]
DATE: [Signature]

*** NOTICE ***
 CONTRACTOR TO EXERCISE EXTREME CAUTION DURING CONSTRUCTION IN THE AREA OF THE EXISTING GAS MAIN.

*** Dewatering Note ***
 Dewatering of the construction site shall be performed in accordance with the provisions of the Florida Department of Environmental Protection (FDEP) and the Polk County Health Department. The dewatering system shall be designed to maintain the water table at least 18 inches below the bottom of the foundation. The dewatering system shall be installed to the satisfaction of the FDEP and the Polk County Health Department. The dewatering system shall be installed to the satisfaction of the FDEP and the Polk County Health Department.

*** UTILITY SEPARATION NOTE ***
 CONTRACTOR TO MAINTAIN EXISTING UTILITIES AND TO PROVIDE PROTECTIVE SHIELDING FOR ALL UTILITIES THAT ARE LOCATED WITHIN THE CONSTRUCTION AREA. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND TO PROVIDE PROTECTIVE SHIELDING FOR ALL UTILITIES THAT ARE LOCATED WITHIN THE CONSTRUCTION AREA.

*** CONSTRUCTION RESPONSIBILITY FOR A CLEAN AND SECURE SITE AT ALL TIMES. TRANSPORTATION SHALL VTS.**

*** EXISTING UTILITIES NOTES ***
 ALL EXISTING UTILITIES SHALL BE MAINTAINED AND PROTECTED THROUGHOUT THE CONSTRUCTION PROCESS. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND TO PROVIDE PROTECTIVE SHIELDING FOR ALL UTILITIES THAT ARE LOCATED WITHIN THE CONSTRUCTION AREA.

*** OSHA NOTE ***
 CONTRACTOR TO COMPLY WITH ALL OSHA REGULATIONS AND TO PROVIDE PROTECTIVE SHIELDING FOR ALL UTILITIES THAT ARE LOCATED WITHIN THE CONSTRUCTION AREA.

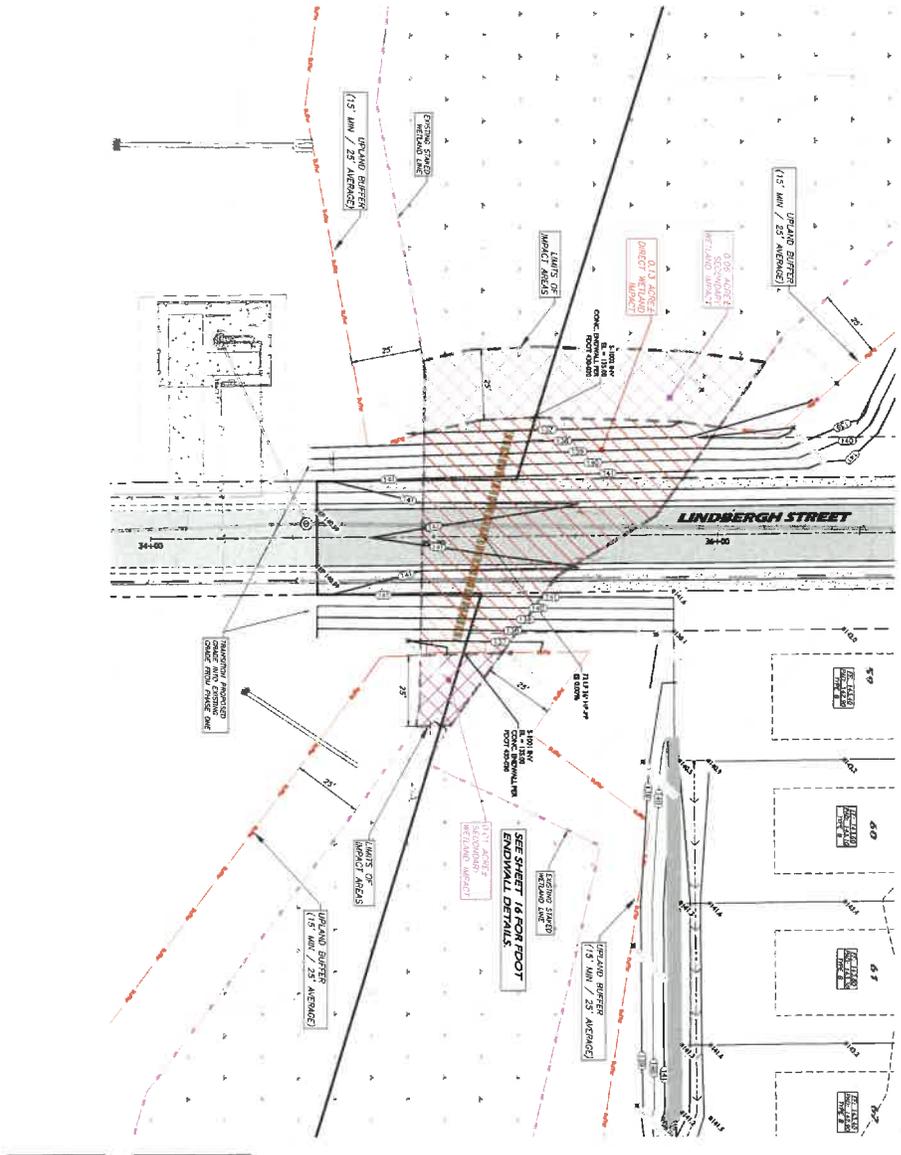
*** CHANGE ORDER NOTE ***
 ANY CHANGE / RESPONSE TO THE CONSTRUCTION SHALL BE SUBMITTED TO THE ARCHITECT AND ENGINEER FOR REVIEW AND APPROVAL BEFORE PROCEEDING WITH THE CONSTRUCTION.

*** UNSUITABLE MATERIAL NOTE ***
 CONTRACTOR TO REMOVE AND REPLACE UNSUITABLE MATERIAL WITHIN THE CONSTRUCTION AREA. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND TO PROVIDE PROTECTIVE SHIELDING FOR ALL UTILITIES THAT ARE LOCATED WITHIN THE CONSTRUCTION AREA.

*** EXISTING GAS MAIN NOTE ***
 CONTRACTOR TO MAINTAIN EXISTING GAS MAIN AND TO PROVIDE PROTECTIVE SHIELDING FOR ALL UTILITIES THAT ARE LOCATED WITHIN THE CONSTRUCTION AREA.

SEE SHEET 08 FOR LEGEND, EROSION / SEDIMENT CONTROL NOTES AND LOT GRADING TYPE DETAILS.

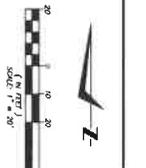
CALL 48 HOURS BEFORE YOU DIG 1787 THE LAW! DIAL 811



SEE SHEET 15A FOR FEMA IMPACT PLAN

WETLAND IMPACT SUMMARY	
DESCRIPTION	ACRES
DIRECT IMPACT AREA	0.11
SECONDARY IMPACT AREA	0.01
TOTAL IMPACT AREA	0.12

PROJECT AREA SUMMARY	
DESCRIPTION	ACRES
TOTAL WETLAND AFFECTED	71.75
TOTAL WETLAND AFFECTED	1.84
TOTAL PROJECT AREA	23.59



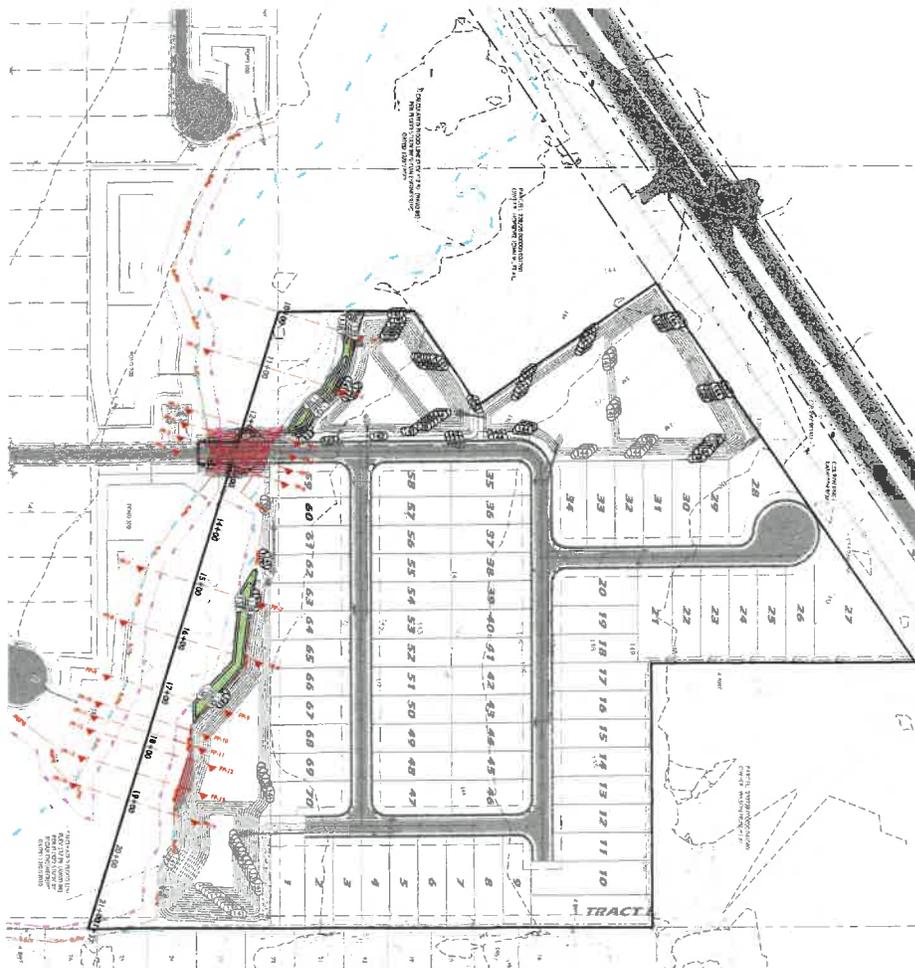
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**KNIGHTS LANDING
 PHASE TWO
 POLK COUNTY, FL**

**ENLARGED
 WETLAND IMPACT
 PLAN**

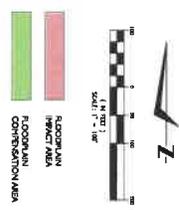
DATE	NO.	REVISIONS
05/22/23	1	ISSUE FOR PERMIT
11/12/23	2	ADD FOOT CANTERLETT DETAILS
03/24/24	3	REVISE PERMS & REVISION PER COMMENTS
05/06/24	4	REVISE WETLAND SYSTEM & BERM PER COMMENTS
07/24/24	5	REVISE PERM FOOT CANTERLETT COMMENTS
11/11/24	6	REVISE PERM CONSTRUCTION PER GEOTECH COMMENTS
12/03/24	7	REVISE PERM CONSTRUCTION PER GEOTECH COMMENTS

CHARLES R. BROOKER, P.E. LICENSE #88815 DATE 12/03/24



Name	Type	Car Factor	FTB Factor	Max Area (Sq. Ft.)	Col. (C.F. VA)	Fill (C.F. VA)	Net (C.F. VA)
TRUCK-IMPACT	Fill	1.000	1.000	6900.28	0.88	23.872	2864.418
TRUCK-IMPACT 2	Fill	1.800	1.800	2176.88	0.69	2.51	2154.378
TRUCK-IMPACT 1	Fill	1.800	1.800	6439.71	0.8259	1.807	17126.21
TRUCK-IMPACT 2	Fill	1.800	1.800	5979.43	2.0188	4.68	20620.21
TRUCK				20 Area (Sq. Ft.)	Col. (C.F. VA)	Fill (C.F. VA)	Net (C.F. VA)
				24182.00	408.95	304.98	101786.21

SEE SHEET 15B FOR SECTIONS



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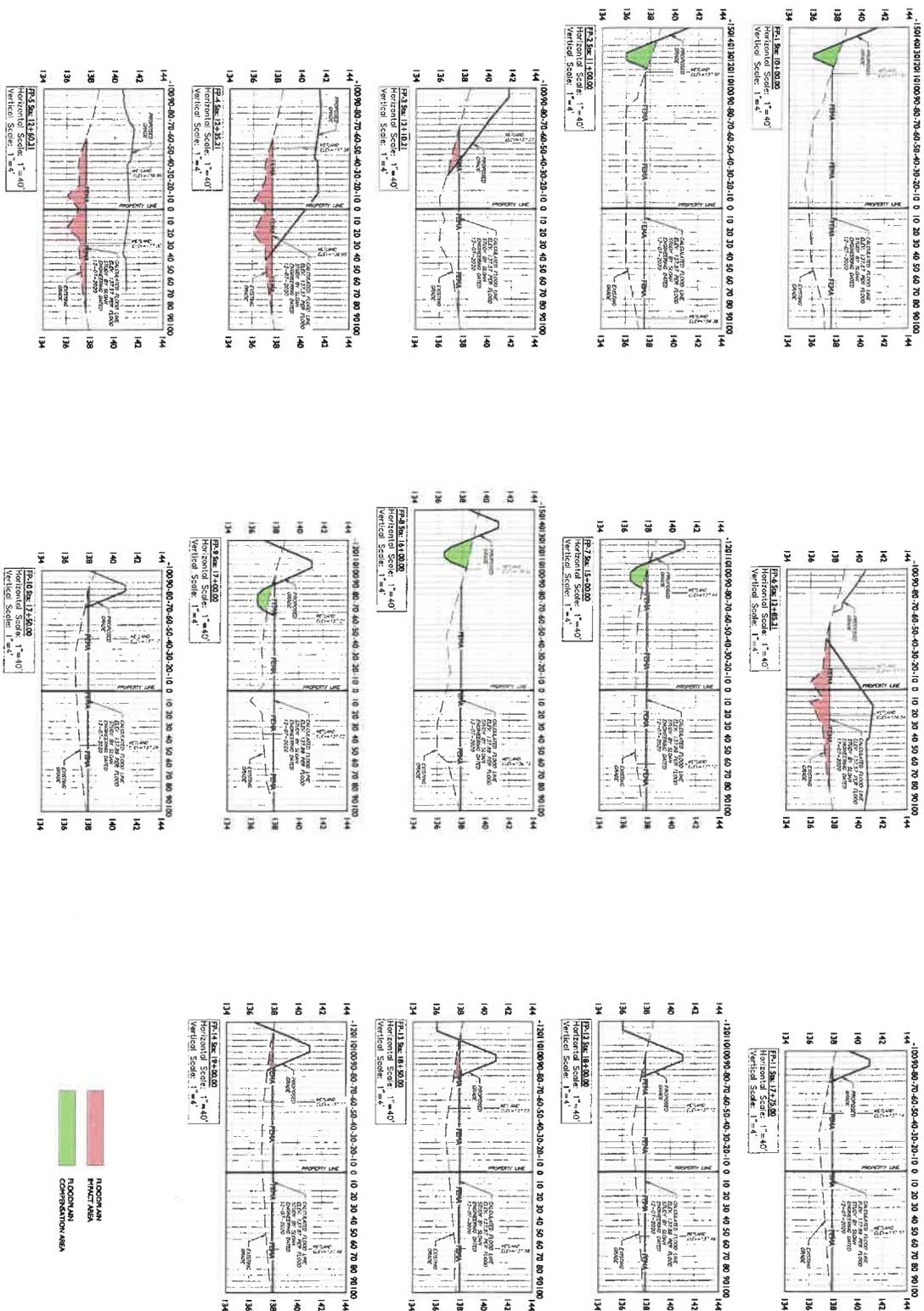
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**KNIGHTS LANDING
 PHASE TWO
 POLK COUNTY, FL**

**FLOODPLAIN
 IMPACT AND
 COMPENSATION
 PLAN**

DATE	NO	REVISIONS
12-03-24	1	ISSUE FOR PERMITS
05-08-24	2	REVISED PERMITS & OBTAINED PERMITS
05-08-24	3	REVISED PERMITS & OBTAINED PERMITS
11-11-24	4	REVISED PERMITS & OBTAINED PERMITS
12-03-24	5	REVISED PERMITS & OBTAINED PERMITS

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY THE ENGINEER ON THE DATE INDICATED HEREIN. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.



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MEMBER OF THE CONSTRUCTION COMMUNITY

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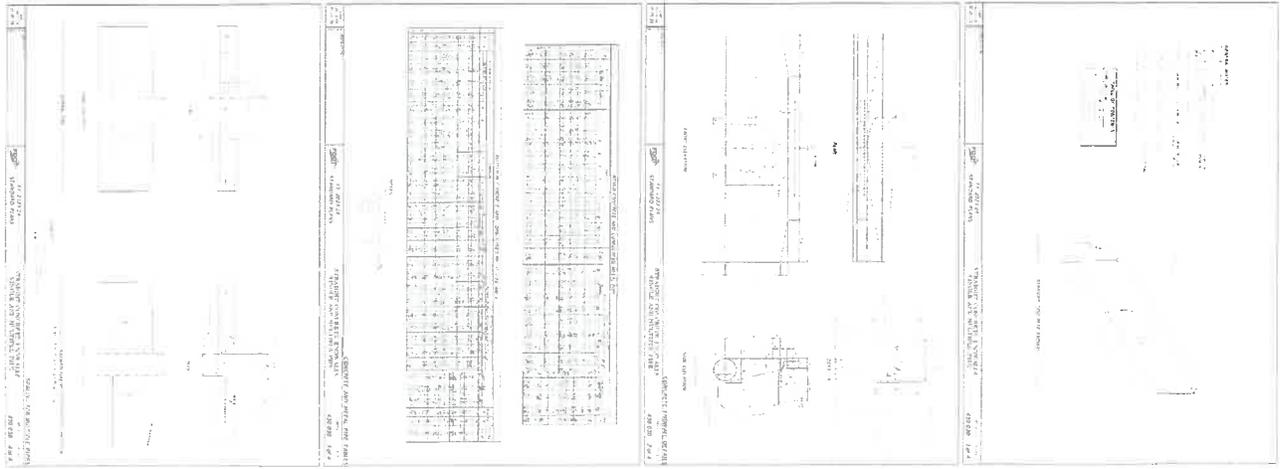
**KNIGHTS LANDING
PHASE TWO
POLK COUNTY, FL**

**FLOODPLAIN
IMPACT AND
COMPENSATION
PLAN 2**

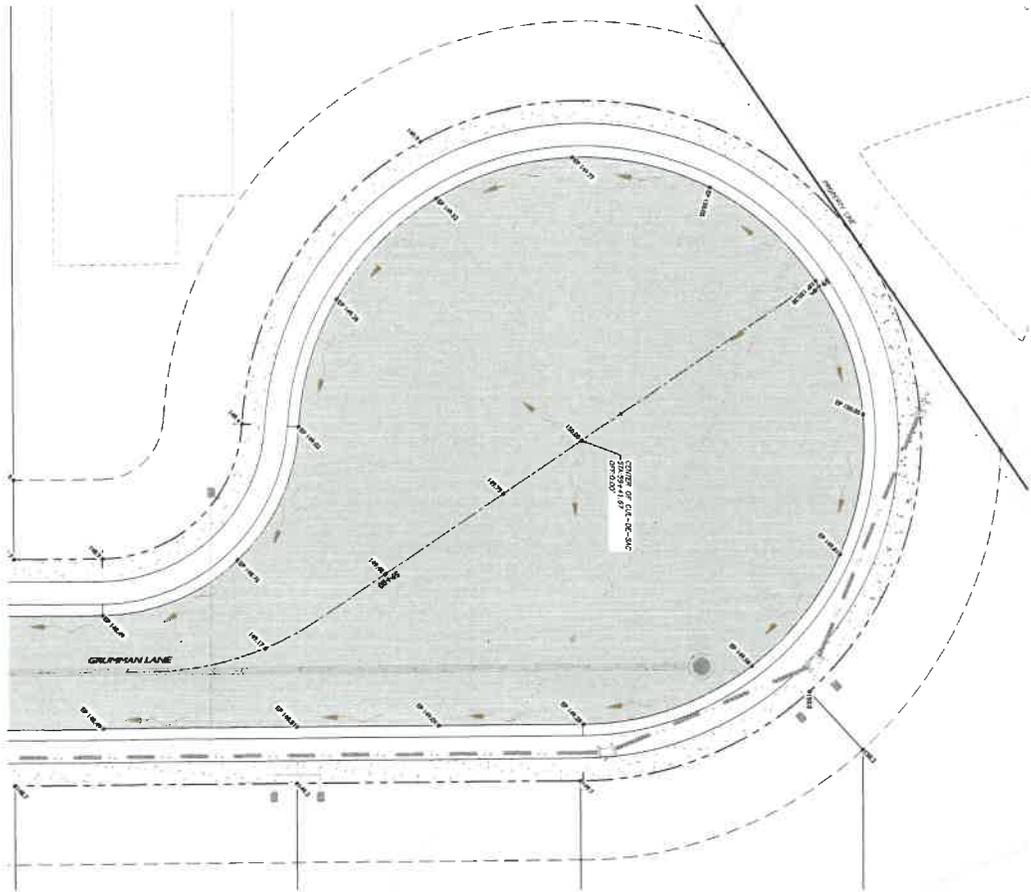
DATE	NO.	REVISIONS
06/25/23	1	ISSUE FOR PERMITS AND FOOT COUNTER DETAILS
11/11/23	2	REVISED PERMITS & GRADING PER COMMENTS
08/28/24	3	REVISED PERMITS & GRADING PER COMMENTS
08/28/24	4	REVISED PERMITS & GRADING PER COMMENTS
11-11-24	5	REVISED PERMITS & GRADING PER COMMENTS
12-23-24	6	REVISED PERMITS & GRADING PER COMMENTS

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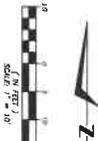
CHARLES R. BROOKER, P.E. LICENSE #88615 DATE 12-23-24



ENLARGED CUL-DE-SAC PLAN



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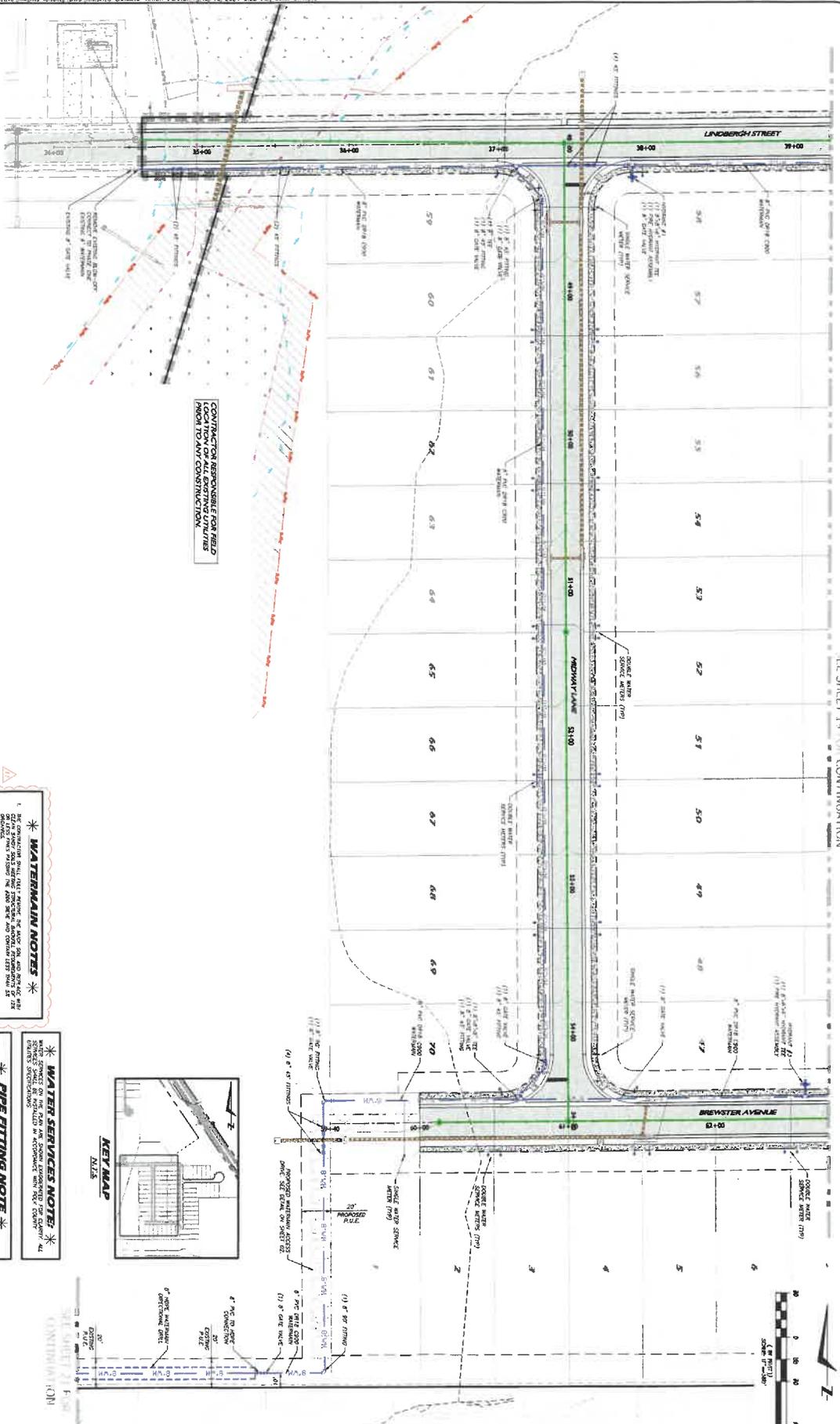
**KNIGHTS LANDING
 PHASE TWO
 POLK COUNTY, FL**

**ENLARGED
 CUL-DE-SAC PLAN**

NOT VALID UNLESS PHYSICALLY SIGNED OR ELECTRONICALLY SIGNED AND SAVED
 NOT CONSIDERED FINAL UNTIL ALL AGENCY PERMITS ARE RECEIVED AND APPROVED FOR CONSTRUCTION BY THE LOCAL GOVERNMENT

CHARLES R. BROOKER, P.E. LICENSE #88613 DATE 12-28-24

DATE	NO.	REVISIONS
06/27/23	4	REVISE WETLAND IMPACTS
11/13/23	5	ADD FROST PROTECTION DETAILS
03-26-24	6	REVISE FENCE & GROUND PER CONSTRUCTION
05-28-24	7	REVISE WETLAND BUFFER & REVISE PER POLK
07-31-24	8	REVISE PER POLK COUNTY COMMENTS
11-21-24	9	REVISE PER CONSTRUCTION PER ENVIRONMENTAL
12-28-24	10	REVISE ANY/AT ENVIRONMENTAL PER POLK COUNTY COMMENTS



SEE SHEET 19 FOR CONTINUATION

*** NOTICE ***
 CONTRACTOR TO EXERCISE EXTREME CAUTION DURING FOUNDATION IN THE AREA OF THE EXISTING 20' DIA. MANHOLE.

*** Dewatering Note ***
 CONTRACTOR TO MAINTAIN DEWATERING SYSTEMS THROUGHOUT CONSTRUCTION TO PREVENT FLOODING OF EXISTING AND NEW FOUNDATION. CONTRACTOR TO MAINTAIN DEWATERING SYSTEMS THROUGHOUT CONSTRUCTION TO PREVENT FLOODING OF EXISTING AND NEW FOUNDATION. CONTRACTOR TO MAINTAIN DEWATERING SYSTEMS THROUGHOUT CONSTRUCTION TO PREVENT FLOODING OF EXISTING AND NEW FOUNDATION.

*** UTILITY SEPARATION NOTE ***
 CONTRACTOR TO MAINTAIN UTILITY SEPARATION THROUGHOUT CONSTRUCTION TO PREVENT FLOODING OF EXISTING AND NEW FOUNDATION. CONTRACTOR TO MAINTAIN UTILITY SEPARATION THROUGHOUT CONSTRUCTION TO PREVENT FLOODING OF EXISTING AND NEW FOUNDATION.

*** CONTRACTOR RESPONSIBILITY ***
 CONTRACTOR RESPONSIBLE FOR FIELD PRIOR TO ANY CONSTRUCTION.

*** EXISTING UTILITIES NOTES ***
 CONTRACTOR TO VERIFY EXISTING UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR TO VERIFY EXISTING UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR TO VERIFY EXISTING UTILITIES PRIOR TO CONSTRUCTION.

*** WATERMAIN NOTES ***
 CONTRACTOR TO VERIFY WATERMAIN DEPTH PRIOR TO CONSTRUCTION. CONTRACTOR TO VERIFY WATERMAIN DEPTH PRIOR TO CONSTRUCTION. CONTRACTOR TO VERIFY WATERMAIN DEPTH PRIOR TO CONSTRUCTION.

*** OSHA NOTE ***
 CONTRACTOR TO MAINTAIN OSHA COMPLIANCE THROUGHOUT CONSTRUCTION. CONTRACTOR TO MAINTAIN OSHA COMPLIANCE THROUGHOUT CONSTRUCTION. CONTRACTOR TO MAINTAIN OSHA COMPLIANCE THROUGHOUT CONSTRUCTION.

*** WATER SERVICES NOTE ***
 CONTRACTOR TO MAINTAIN WATER SERVICES THROUGHOUT CONSTRUCTION. CONTRACTOR TO MAINTAIN WATER SERVICES THROUGHOUT CONSTRUCTION. CONTRACTOR TO MAINTAIN WATER SERVICES THROUGHOUT CONSTRUCTION.

*** PIPE FITTING NOTE ***
 CONTRACTOR TO MAINTAIN PIPE FITTING THROUGHOUT CONSTRUCTION. CONTRACTOR TO MAINTAIN PIPE FITTING THROUGHOUT CONSTRUCTION. CONTRACTOR TO MAINTAIN PIPE FITTING THROUGHOUT CONSTRUCTION.

*** UNSUITABLE MATERIAL NOTE ***
 CONTRACTOR TO MAINTAIN UNSUITABLE MATERIAL THROUGHOUT CONSTRUCTION. CONTRACTOR TO MAINTAIN UNSUITABLE MATERIAL THROUGHOUT CONSTRUCTION. CONTRACTOR TO MAINTAIN UNSUITABLE MATERIAL THROUGHOUT CONSTRUCTION.

*** EXISTING GAS MAIN NOTE ***
 CONTRACTOR TO MAINTAIN EXISTING GAS MAIN THROUGHOUT CONSTRUCTION. CONTRACTOR TO MAINTAIN EXISTING GAS MAIN THROUGHOUT CONSTRUCTION. CONTRACTOR TO MAINTAIN EXISTING GAS MAIN THROUGHOUT CONSTRUCTION.

*** UTILITY NOTE ***
 CONTRACTOR TO MAINTAIN UTILITY THROUGHOUT CONSTRUCTION. CONTRACTOR TO MAINTAIN UTILITY THROUGHOUT CONSTRUCTION. CONTRACTOR TO MAINTAIN UTILITY THROUGHOUT CONSTRUCTION.

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KEY MAP

CONTRACTOR RESPONSIBLE FOR FIELD PRIOR TO ANY CONSTRUCTION.

CONTRACTOR TO MAINTAIN UTILITY SEPARATION THROUGHOUT CONSTRUCTION TO PREVENT FLOODING OF EXISTING AND NEW FOUNDATION.

CONTRACTOR TO MAINTAIN OSHA COMPLIANCE THROUGHOUT CONSTRUCTION.

CONTRACTOR TO MAINTAIN WATER SERVICES THROUGHOUT CONSTRUCTION.

CONTRACTOR TO MAINTAIN PIPE FITTING THROUGHOUT CONSTRUCTION.

CONTRACTOR TO MAINTAIN UNSUITABLE MATERIAL THROUGHOUT CONSTRUCTION.

CONTRACTOR TO MAINTAIN EXISTING GAS MAIN THROUGHOUT CONSTRUCTION.

CONTRACTOR TO MAINTAIN UTILITY THROUGHOUT CONSTRUCTION.

CONTRACTOR TO MAINTAIN DEWATERING SYSTEMS THROUGHOUT CONSTRUCTION.

CONTRACTOR TO MAINTAIN UTILITY SEPARATION THROUGHOUT CONSTRUCTION.

CONTRACTOR TO MAINTAIN OSHA COMPLIANCE THROUGHOUT CONSTRUCTION.

CONTRACTOR TO MAINTAIN WATER SERVICES THROUGHOUT CONSTRUCTION.

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CONTRACTOR TO MAINTAIN OSHA COMPLIANCE THROUGHOUT CONSTRUCTION.

CONTRACTOR TO MAINTAIN WATER SERVICES THROUGHOUT CONSTRUCTION.

CONTRACTOR TO MAINTAIN PIPE FITTING THROUGHOUT CONSTRUCTION.

CONTRACTOR TO MAINTAIN UNSUITABLE MATERIAL THROUGHOUT CONSTRUCTION.

CONTRACTOR TO MAINTAIN EXISTING GAS MAIN THROUGHOUT CONSTRUCTION.

CONTRACTOR TO MAINTAIN UTILITY THROUGHOUT CONSTRUCTION.

CONTRACTOR TO MAINTAIN DEWATERING SYSTEMS THROUGHOUT CONSTRUCTION.

CONTRACTOR TO MAINTAIN UTILITY SEPARATION THROUGHOUT CONSTRUCTION.

CONTRACTOR TO MAINTAIN OSHA COMPLIANCE THROUGHOUT CONSTRUCTION.

CONTRACTOR TO MAINTAIN WATER SERVICES THROUGHOUT CONSTRUCTION.

CONTRACTOR TO MAINTAIN PIPE FITTING THROUGHOUT CONSTRUCTION.

CONTRACTOR TO MAINTAIN UNSUITABLE MATERIAL THROUGHOUT CONSTRUCTION.

DATE	NO.	REVISIONS
11-15-23	5	ADD PERMITS AND PERMITS
08-26-23	4	REVISED PERMITS & PERMITS
08-08-23	3	REVISED PERMITS & PERMITS
05-22-23	2	REVISED PERMITS & PERMITS
11-11-22	1	REVISED PERMITS & PERMITS
12-08-22	0	ISSUED FOR PERMITS
12-16-22	11	ADD PERMITS AND PERMITS

NOT CONSIDERED SEALED
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CHALET & BROOKER, P.A.
 LICENSE # 48115 DATE 12/16/2024

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 Suite 100
 Fort Lauderdale, FL 33309
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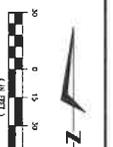
KNIGHTS LANDING PHASE TWO POLK COUNTY, FL

ENLARGED WATERMAIN PLAN 1

18 SHEET



SEE SHEET 01 FOR CONTINUATION



- * NOTICE ***
CONSTRUCTION TO EXISTING EXTERIOR CURB SHALL OCCUR AT THE END OF THE EXISTING CURB LINE.
- * DEMATERING NOTE ***
PAGES 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.
- * UTILITY SEPARATION NOTE ***
CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE POLK COUNTY WATER MAIN AND UTILITY SEPARATION REQUIREMENTS. ALL UTILITY SEPARATION SHALL BE IN ACCORDANCE WITH THE POLK COUNTY WATER MAIN AND UTILITY SEPARATION REQUIREMENTS.
- * WATERMAIN NOTES ***
1. THE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE POLK COUNTY WATER MAIN AND UTILITY SEPARATION REQUIREMENTS. ALL UTILITY SEPARATION SHALL BE IN ACCORDANCE WITH THE POLK COUNTY WATER MAIN AND UTILITY SEPARATION REQUIREMENTS.
2. ALL UTILITY SEPARATION SHALL BE IN ACCORDANCE WITH THE POLK COUNTY WATER MAIN AND UTILITY SEPARATION REQUIREMENTS.
- * EXISTING UTILITIES NOTES ***
1. ALL EXISTING UTILITIES SHALL BE IN ACCORDANCE WITH THE POLK COUNTY WATER MAIN AND UTILITY SEPARATION REQUIREMENTS. ALL UTILITY SEPARATION SHALL BE IN ACCORDANCE WITH THE POLK COUNTY WATER MAIN AND UTILITY SEPARATION REQUIREMENTS.
2. ALL EXISTING UTILITIES SHALL BE IN ACCORDANCE WITH THE POLK COUNTY WATER MAIN AND UTILITY SEPARATION REQUIREMENTS.
- * WATER SERVICES NOTE ***
THE POLK COUNTY WATER MAIN AND UTILITY SEPARATION REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE POLK COUNTY WATER MAIN AND UTILITY SEPARATION REQUIREMENTS.
- * OSHA NOTE ***
CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE POLK COUNTY WATER MAIN AND UTILITY SEPARATION REQUIREMENTS.
- * CHANGE ORDER NOTE ***
ALL CHANGES / ADDITIONS TO THE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE POLK COUNTY WATER MAIN AND UTILITY SEPARATION REQUIREMENTS.
- * FIRE FITTING NOTE ***
THE POLK COUNTY WATER MAIN AND UTILITY SEPARATION REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE POLK COUNTY WATER MAIN AND UTILITY SEPARATION REQUIREMENTS.
- * UNSUITABLE MATERIAL NOTE ***
CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE POLK COUNTY WATER MAIN AND UTILITY SEPARATION REQUIREMENTS.
- * EXISTING GAS MAIN NOTE ***
CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE POLK COUNTY WATER MAIN AND UTILITY SEPARATION REQUIREMENTS.
- * UTILITY NOTE ***
ALL UTILITIES SHALL BE IN ACCORDANCE WITH THE POLK COUNTY WATER MAIN AND UTILITY SEPARATION REQUIREMENTS.

ECON
ENGINEERING CONSULTANTS
4000 N. Central Expressway, Suite 200
Tampa, FL 33610
TEL: 813.288.1111
WWW.ECONENGINEERING.COM

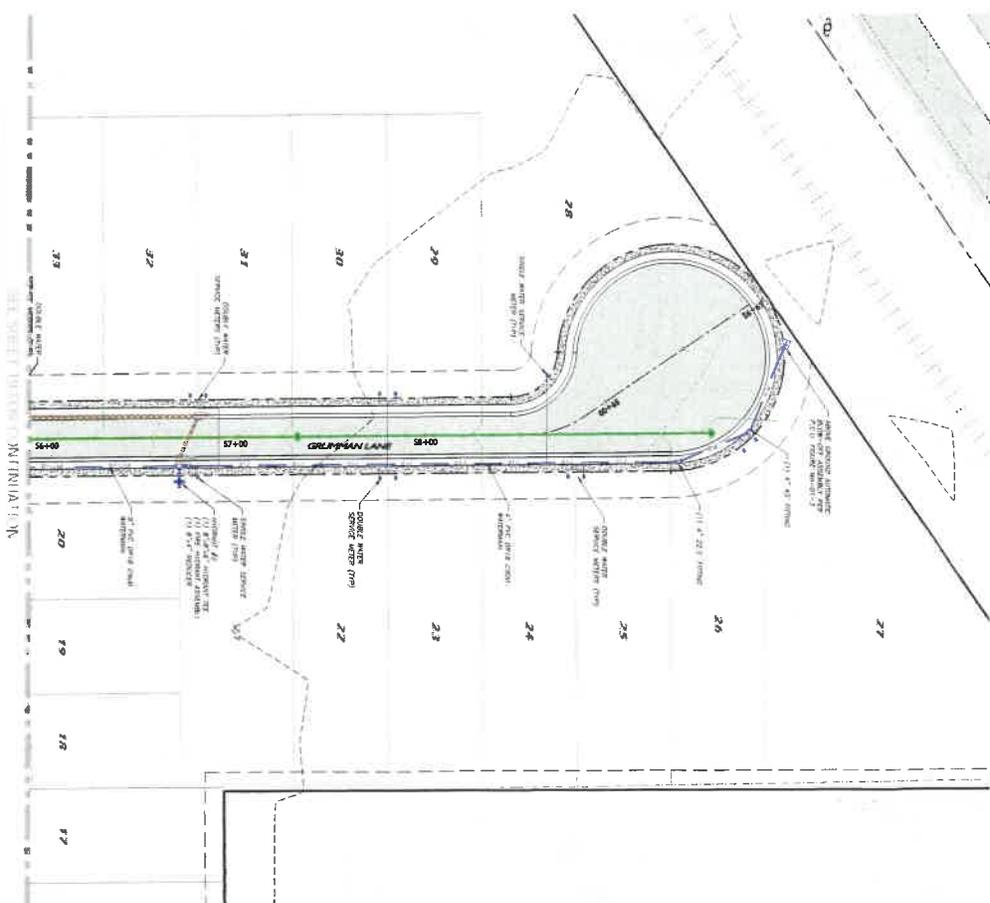
**KNIGHTS LANDING
PHASE TWO
POLK COUNTY, FL**

**ENLARGED
WATERMAIN
PLAN 2**

DATE NO. REVISIONS
12.15.24 2 ADD PORT BURNING DETAILS
02.26.24 3 REVISED PER POLK COUNTY COMMISSION
05.22.24 4 REVISED PER POLK COUNTY COMMISSION
12.17.24 5 REVISED PER POLK COUNTY COMMISSION
12.18.24 6 REVISED PER POLK COUNTY COMMISSION
12.18.24 7 REVISED PER POLK COUNTY COMMISSION
12.18.24 8 REVISED PER POLK COUNTY COMMISSION

CALL 48 HOURS BEFORE YOU DIG
DIAL 811
MAKING EARTHWORK SAFER

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY THE ENGINEER ON THE DATE INDICATED HEREON. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. SIGNATURE MUST BE VIEWED ON ANY ELECTRONIC COPIES.



*** NOTICE ***
 CONSTRUCTION TO EXISTING UTILITY CHAIN DURING CONSTRUCTION IN THE AREA OF THE UTILITY CHAIN.

*** DEMATERING NOTE ***
 BEFORE THE CONSTRUCTION OF ANY STRUCTURE OR UTILITY, THE CONTRACTOR SHALL DEMATERIALIZE THE EXISTING UTILITY CHAIN AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE UTILITY CHAIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE UTILITY CHAIN AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE UTILITY CHAIN.

*** UTILITY SEPARATION NOTE ***
 CONTRACTOR TO VERIFY THE LOCATION, DEPTH, AND SIZE OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.

*** CONTRACTOR RESPONSIBILITY TO RESTORE TO ORIGINAL CONDITION ***
 CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.

*** WATERMAIN NOTES ***
 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.
 2. ALL WORK SHALL BE IN ACCORDANCE WITH THE POLK COUNTY WATER MAIN SPECIFICATIONS AND SHALL BE IN ACCORDANCE WITH THE POLK COUNTY WATER MAIN SPECIFICATIONS.

*** EXISTING UTILITIES NOTES ***
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.

*** WATER SERVICES NOTE ***
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.

*** OSHA NOTE ***
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.

*** CHANGE ORDER NOTE ***
 ANY CHANGES TO THE CONTRACT SHALL BE MADE BY A CHANGE ORDER AND SHALL BE MADE BY A CHANGE ORDER.

*** UNSUITABLE MATERIAL NOTE ***
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.

*** FIRE FITTING NOTE ***
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.

*** EXISTING GAS MAIN NOTE ***
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.

UTILITY NOTE
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 DIAL 811

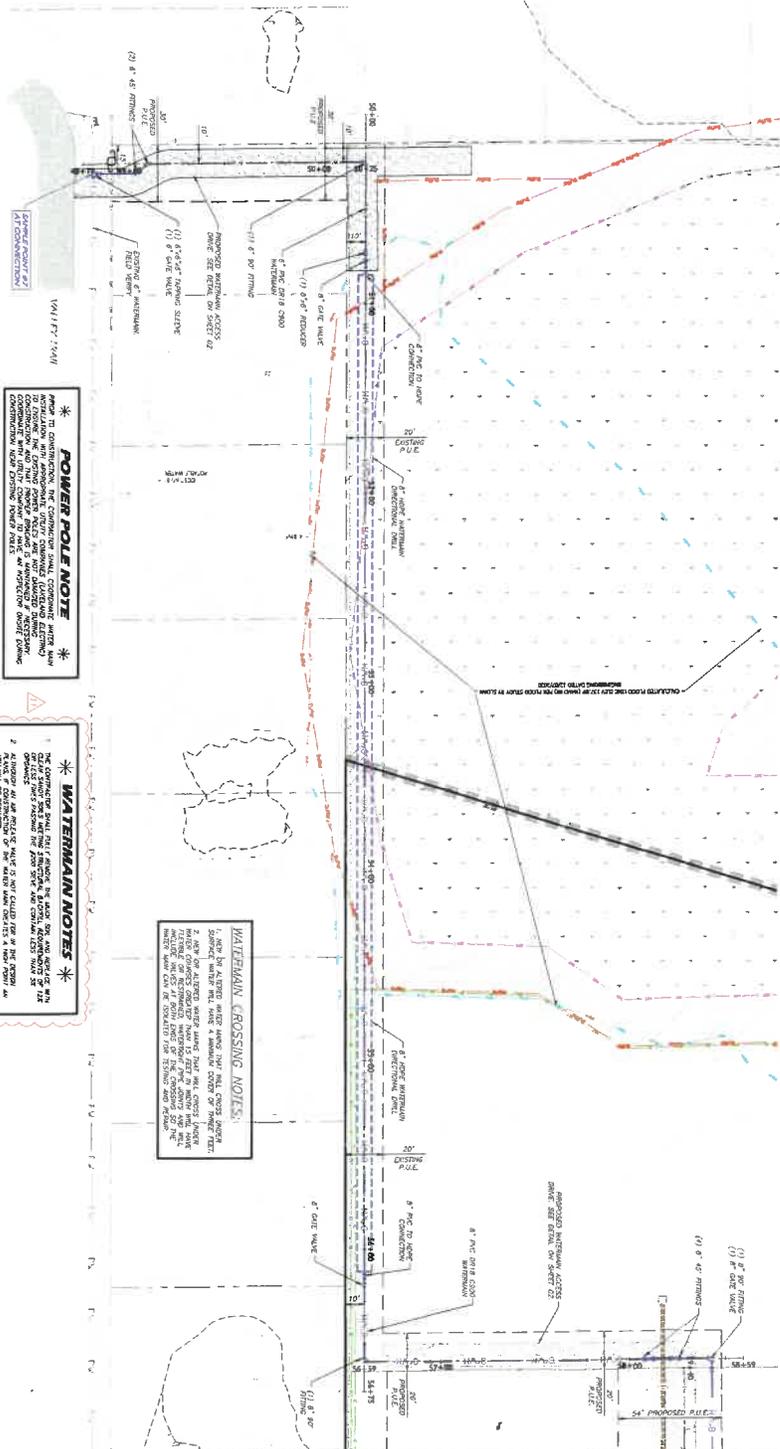
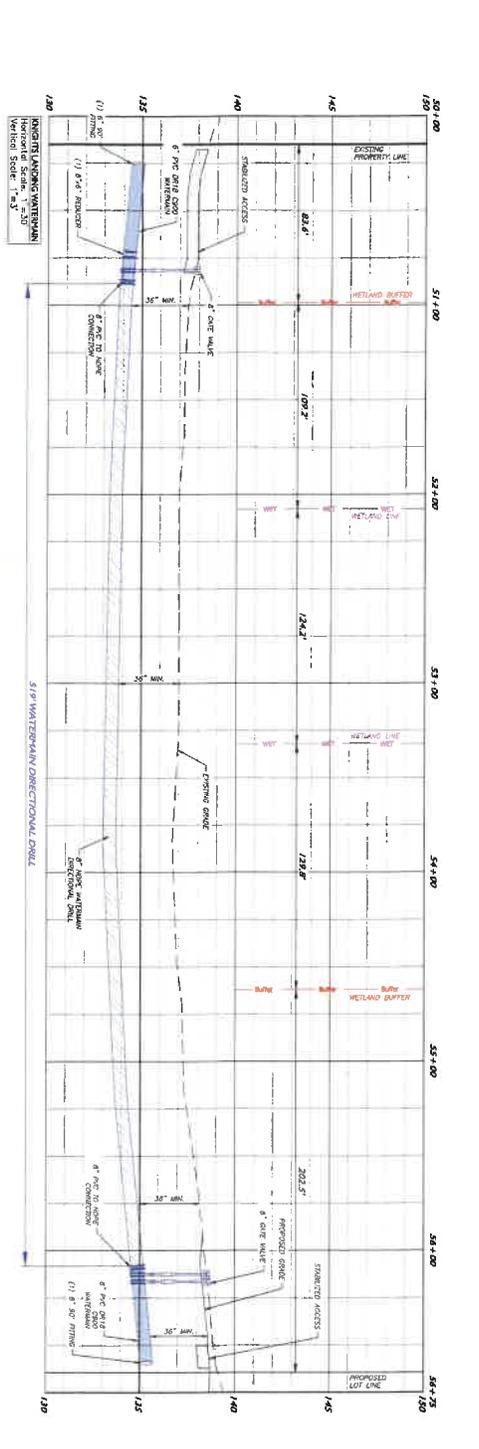
ECON
 PROFESSIONAL ENGINEERING SERVICES - CADDERS
 6700 South Florida Avenue
 Suite 100
 Fort Lauderdale, FL 33317
 (954) 344-2544 • Fax: (954) 344-1444
 • PROFESSIONAL ENGINEERING SERVICES - CADDERS

**KNIGHTS LANDING
 PHASE TWO
 POLK COUNTY, FL**

**ENLARGED
 WATERMAIN
 PLAN 3**

NO.	DATE	NO.	REVISIONS
1	11-15-23	2	ISSUE FOR PERMITS
2	02-28-24	3	REVISED PERMITS & OBTAINING PERMITS
3	02-28-24	4	REVISED PERMITS & OBTAINING PERMITS
4	02-28-24	5	REVISED PERMITS & OBTAINING PERMITS
5	11-15-24	6	REVISED PERMITS & OBTAINING PERMITS
6	12-18-24	7	REVISED PERMITS & OBTAINING PERMITS
7	12-18-24	8	REVISED PERMITS & OBTAINING PERMITS
8	12-18-24	9	REVISED PERMITS & OBTAINING PERMITS
9	12-18-24	10	REVISED PERMITS & OBTAINING PERMITS
10	12-18-24	11	REVISED PERMITS & OBTAINING PERMITS

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POWER POLE NOTE

* PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE UTILITY TO DETERMINE THE EXACT LOCATION OF ALL POWER POLES AND TO OBTAIN ANY NECESSARY PERMITS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL POWER POLES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ANY POWER POLES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ANY POWER POLES.

WATERMAIN NOTES

* THE CONTRACTOR SHALL TAKE CARE TO PROTECT ALL EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ANY UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ANY UTILITIES.

WATERMAIN CROSSING NOTES

* THE CONTRACTOR SHALL TAKE CARE TO PROTECT ALL EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ANY UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ANY UTILITIES.

CONTRACTOR RESPONSIBLE FOR FIELD
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 BEFORE YOU DIG
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 DIAL 811
 Call 811.com
 Call 811

SHEET
 21

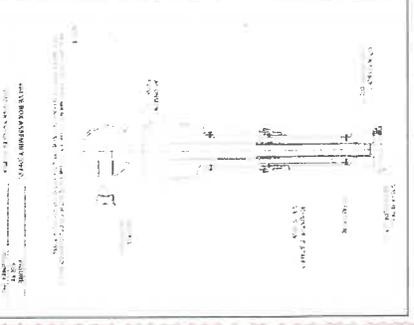
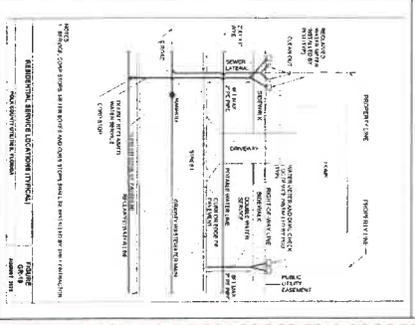
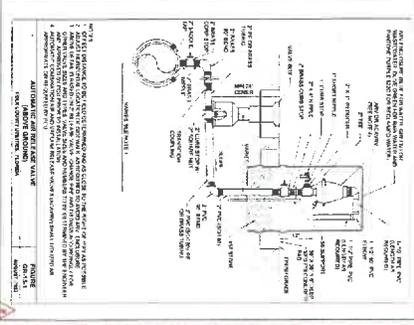
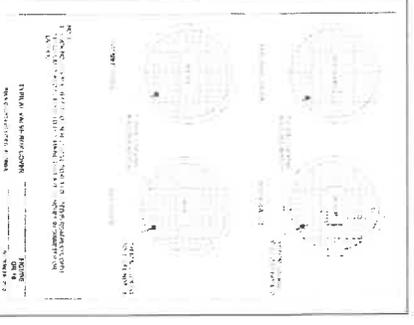
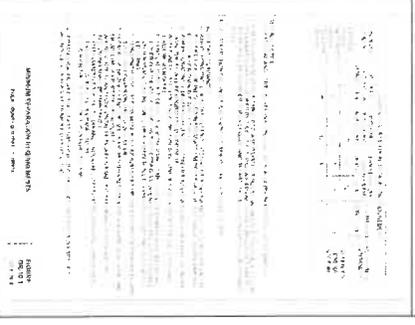
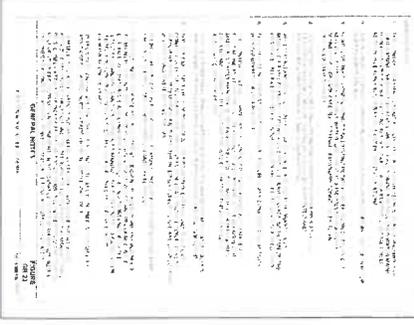
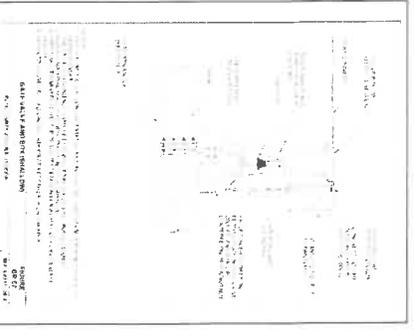
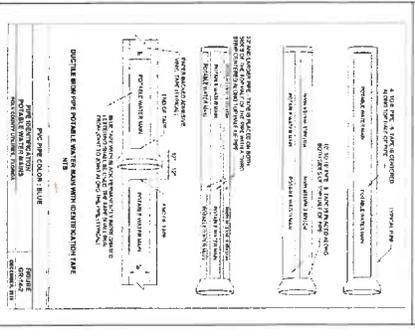
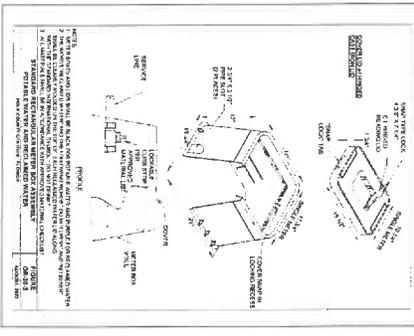
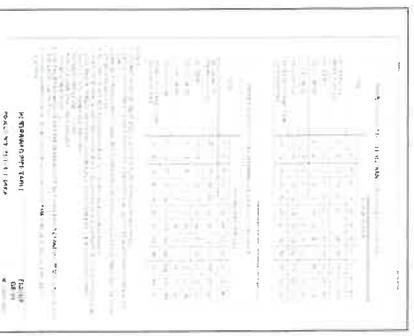
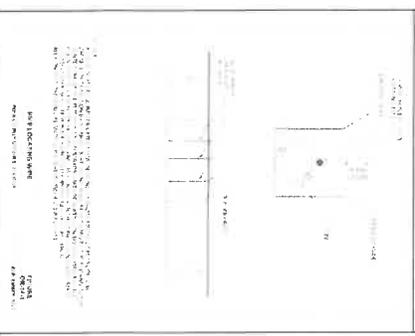
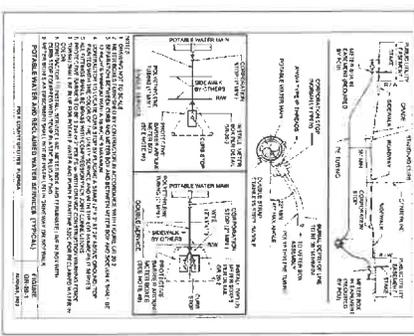
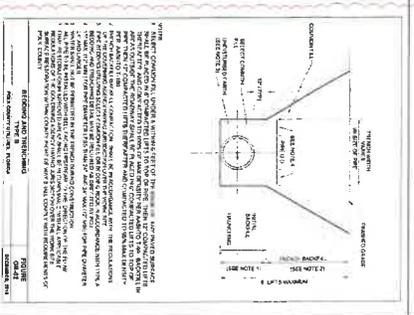
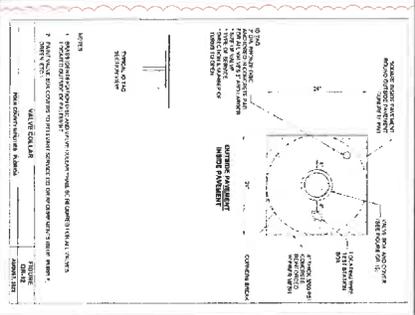
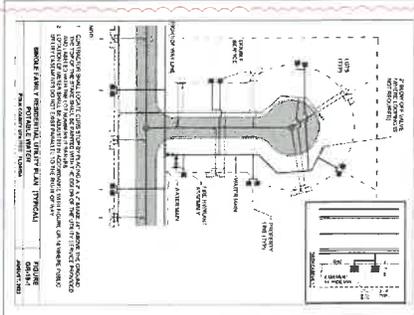
ECON
 ENGINEERING & PLANNING
 4700 South Florida Avenue
 Suite 4, Lakeland, Florida 33811
 (888) 888-8888 • FAX (888) 888-8888
 SURVEYING AND MAPPING BUSINESS: 1811 N.W. 13th Street, Ft. Lauderdale, FL 33304
 PROFESSIONAL ENGINEERING SERVICES: C00000000

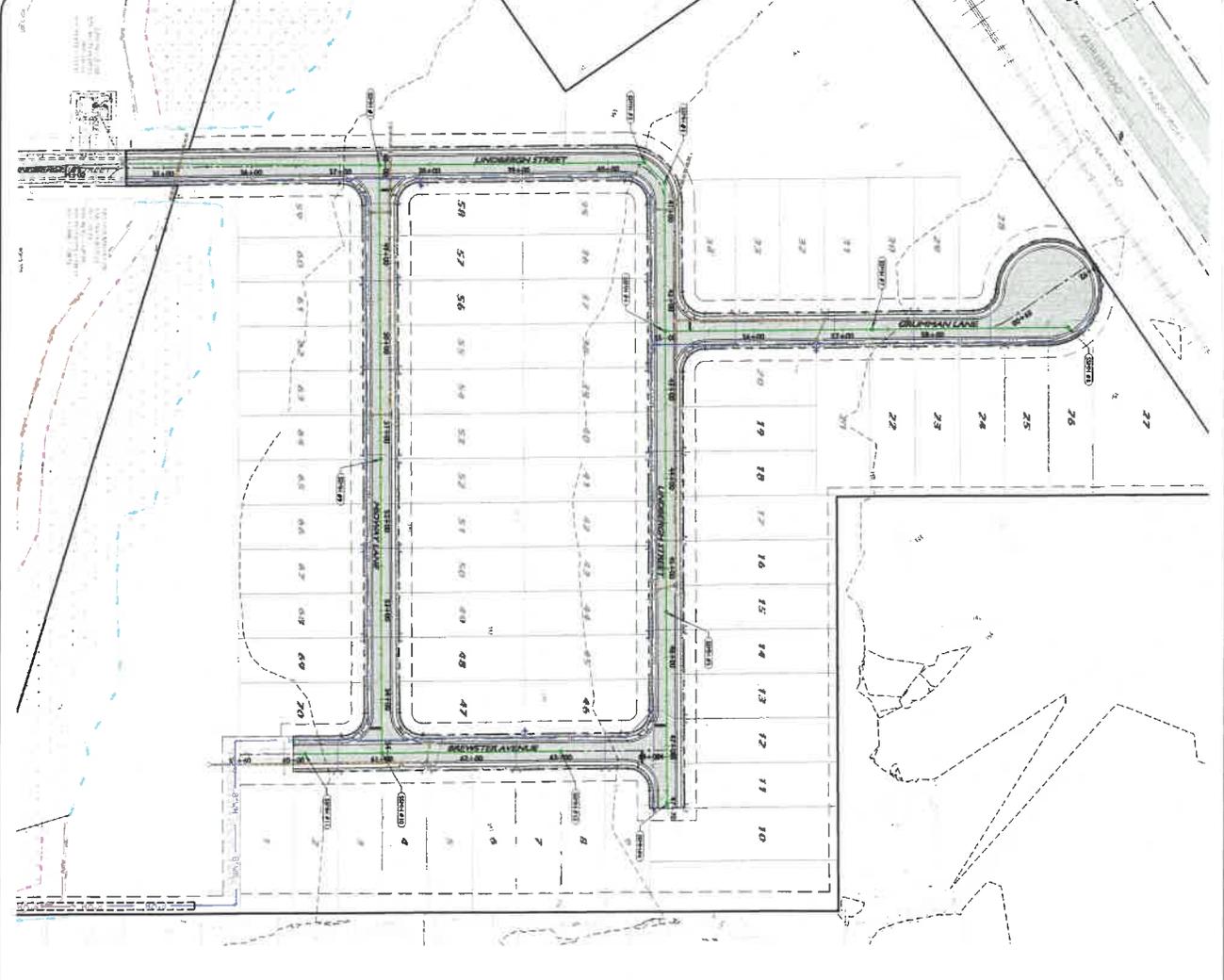
**KNIGHTS LANDING
 PHASE TWO
 POLK COUNTY, FL**

**WATERMAIN
 DIRECTIONAL
 DRILL PLAN AND
 PROFILE**

NOT VALID UNLESS ACCOMPANIED BY ELECTRONIC SIGNATURE AND SEAL
 NOT CONSIDERED FINAL UNTIL ALL AGENCY PERMITS
 ARE OBTAINED AND SIGNED BY THE CONTRACTOR
 AFTER REVIEW BY THE SEAL

DATE	NO.	REVISIONS
11-13-23	1	ADD NEW SUBMITTAL DETAILS
03-26-24	2	REVISED PERMITS & CONDITIONS PER COMMENTS
05-08-24	3	REVISED WETLAND BUFFER & WETLAND BUFFER
07-22-24	4	REVISED PERMITS & CONDITIONS PER COMMENTS
11-11-24	5	REVISED CONSTRUCTION PERMITS PER COMMENTS
12-03-24	6	REVISED PERMITS & CONDITIONS PER COMMENTS
12-18-24	11	ADD NEW PERMITS PER POLK COUNTY COMMENTS





WATER /SEWER CLEARANCE REQUIREMENTS

1. MINIMUM CLEARANCE AT EXISTING CURB CUTS: EXISTING CURB CUTS SHALL BE MAINTAINED AS SHOWN ON THE PLAN. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING CURB CUTS. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING CURB CUTS. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING CURB CUTS.
2. MINIMUM CLEARANCE AT EXISTING DRIVEWAYS: EXISTING DRIVEWAYS SHALL BE MAINTAINED AS SHOWN ON THE PLAN. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING DRIVEWAYS. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING DRIVEWAYS.
3. MINIMUM CLEARANCE AT EXISTING SIDEWALKS: EXISTING SIDEWALKS SHALL BE MAINTAINED AS SHOWN ON THE PLAN. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING SIDEWALKS. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING SIDEWALKS.
4. MINIMUM CLEARANCE AT EXISTING DRIVEWAYS: EXISTING DRIVEWAYS SHALL BE MAINTAINED AS SHOWN ON THE PLAN. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING DRIVEWAYS. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING DRIVEWAYS.
5. MINIMUM CLEARANCE AT EXISTING DRIVEWAYS: EXISTING DRIVEWAYS SHALL BE MAINTAINED AS SHOWN ON THE PLAN. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING DRIVEWAYS. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING DRIVEWAYS.

EXISTING UTILITIES NOTES

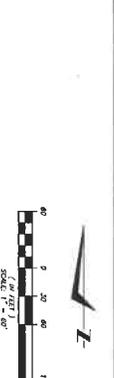
1. THE CONSTRUCTION SHALL MAINTAIN ALL EXISTING UTILITIES IN THE AREA OF WORK AND SHALL NOT REMOVE OR DAMAGE ANY EXISTING UTILITIES. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING UTILITIES. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING UTILITIES.
2. THE CONSTRUCTION SHALL MAINTAIN ALL EXISTING UTILITIES IN THE AREA OF WORK AND SHALL NOT REMOVE OR DAMAGE ANY EXISTING UTILITIES. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING UTILITIES. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING UTILITIES.
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5. THE CONSTRUCTION SHALL MAINTAIN ALL EXISTING UTILITIES IN THE AREA OF WORK AND SHALL NOT REMOVE OR DAMAGE ANY EXISTING UTILITIES. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING UTILITIES. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING UTILITIES.

CONNECT TO EXISTING SYSTEM TO BE PERFORMED IN THE FOLLOWING MANNER:

1. THE CONSTRUCTION SHALL MAINTAIN ALL EXISTING UTILITIES IN THE AREA OF WORK AND SHALL NOT REMOVE OR DAMAGE ANY EXISTING UTILITIES. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING UTILITIES. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING UTILITIES.
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CONSTRUCTION RESPONSIBLE TO RESTORE ANY TO PREVIOUS CONDITION

- * **PIPE FITTING NOTE**
THE SIZE OF THE PIPE FITTINGS ON THE PLAN ARE SHOWN LARGER THAN THE ACTUAL SIZE AND ARE CONSIDERED THE MINIMUM.
- * **UNSATURABLE MATERIAL NOTE**
WHERE HAVING MOISTURE CONTENT EXCEEDS 25% AND IS SATURATED, IT SHALL BE DRAINAGE AND SATURATED WITH STABILIZED MATERIAL. MATERIAL SHALL BE DRAINAGE AND SATURATED WITH STABILIZED MATERIAL.
- * **UTILITY SEPARATION NOTE**
SEWER, UTILITY AND WATER SEPARATION SHALL BE MAINTAINED AS SHOWN ON THE PLAN. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING UTILITIES. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING UTILITIES.
- * **CHANGE ORDER NOTE**
ANY CHANGES TO THE CONSTRUCTION SHALL BE MADE BY CHANGE ORDER. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING UTILITIES. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING UTILITIES.
- * **EXISTING GAS MAIN NOTE**
EXISTING GAS MAINS SHALL BE MAINTAINED AS SHOWN ON THE PLAN. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING UTILITIES. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING UTILITIES.



ALL MANHOLES LOCATED WITHIN THE SWIFT SHALL BE RECLAIMED.

SEWER SERVICES NOTE:
SEWER SERVICES SHALL BE PROVIDED BY THE CITY OF POLK COUNTY. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING UTILITIES. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING UTILITIES.

SANITARY SEWER / RECLAIMED WATER & POTABLE WATER:
SANITARY SEWER AND POTABLE WATER SHALL BE PROVIDED BY THE CITY OF POLK COUNTY. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING UTILITIES. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING UTILITIES.

SANITARY STRUCTURE SCHEDULE

STRUCTURE	DEPTH	DIAMETER	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-01	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-02	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-03	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-04	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-05	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-06	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-07	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-08	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-09	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-10	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-11	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-12	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-13	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-14	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-15	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-16	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-17	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-18	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-19	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-20	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-21	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-22	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-23	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-24	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-25	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-26	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-27	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-28	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-29	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-30	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-31	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-32	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-33	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-34	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-35	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-36	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-37	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-38	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-39	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-40	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-41	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-42	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-43	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-44	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-45	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-46	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-47	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-48	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-49	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE
CS-50	12'-00"	36"	CONCRETE	MANHOLE	MANHOLE	MANHOLE

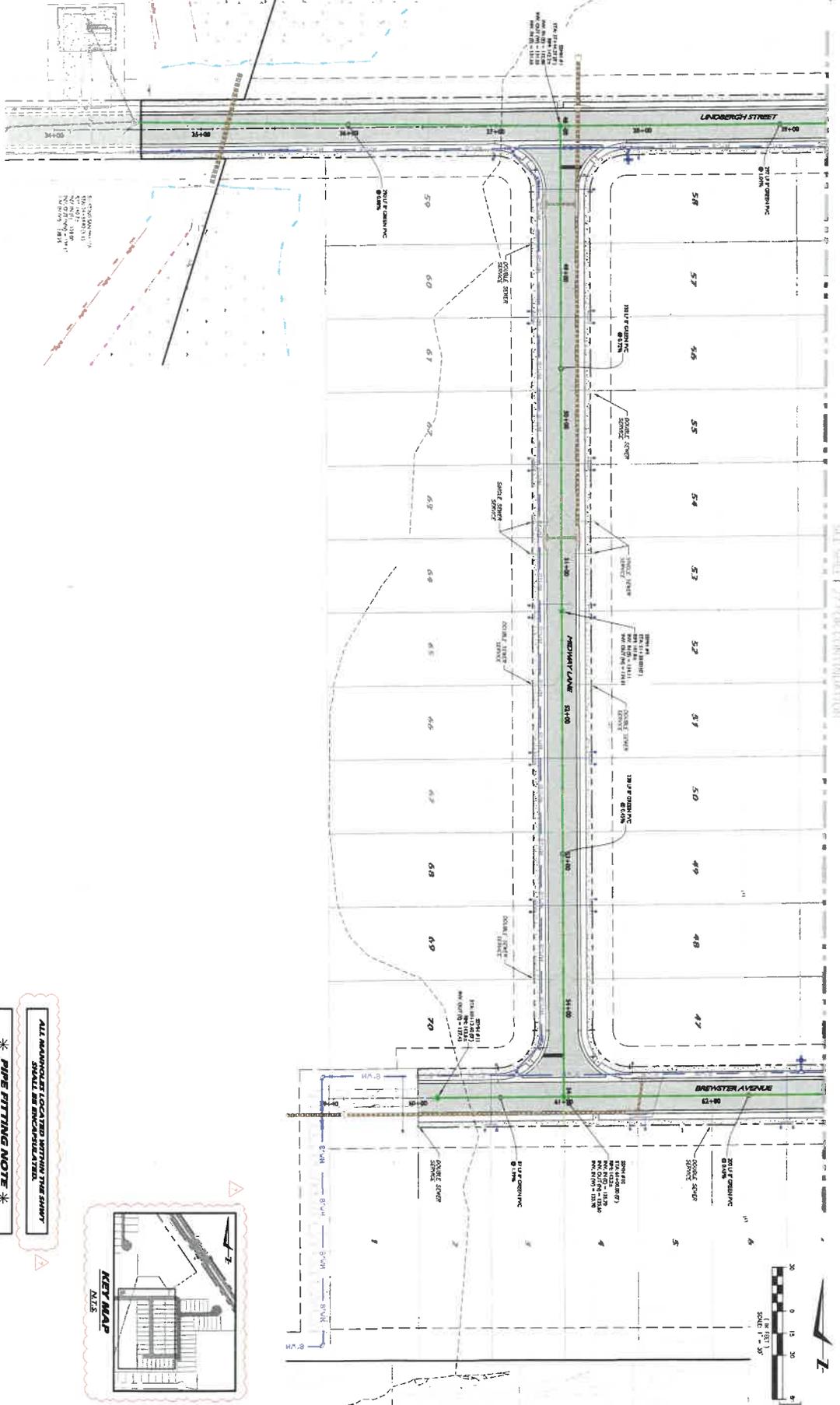
CONSTRUCTION RESPONSIBLE TO RESTORE ANY TO PREVIOUS CONDITION

- * **DEWATERING NOTE**
DEWATERING SHALL BE PROVIDED BY THE CITY OF POLK COUNTY. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING UTILITIES. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING UTILITIES.
- * **EXISTING UTILITIES NOTES**
EXISTING UTILITIES SHALL BE MAINTAINED AS SHOWN ON THE PLAN. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING UTILITIES. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING UTILITIES.

NOTICE
CONSTRUCTION TO BE PERFORMED WITHIN THE CITY OF POLK COUNTY.

EXISTING UTILITIES NOTES
EXISTING UTILITIES SHALL BE MAINTAINED AS SHOWN ON THE PLAN. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING UTILITIES. THE CONSTRUCTION SHALL BE LIMITED TO THE EXISTING UTILITIES.

CALL 48 HOURS BEFORE YOU DIG
1-800-4-A-ROOT
DIAL 811
POLK COUNTY
POLK COUNTY



NOTICE
 CONSTRUCTION TO EXISTING UTILITY MAINS SHALL BE IN ACCORDANCE WITH THE CITY OF POLK COUNTY STANDARD SPECIFICATIONS FOR CONSTRUCTION OF SANITARY SEWER MAINS AND THE CITY OF POLK COUNTY STANDARD SPECIFICATIONS FOR CONSTRUCTION OF WATER MAINS AND THE CITY OF POLK COUNTY STANDARD SPECIFICATIONS FOR CONSTRUCTION OF FIBER OPTIC MAINS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF POLK COUNTY AND THE POLK COUNTY ENGINEERING DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE POLK COUNTY ENGINEERING DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE POLK COUNTY ENGINEERING DEPARTMENT.

UTILITY SEPARATION NOTE
 THE CONTRACTOR SHALL MAINTAIN A MINIMUM CLEARANCE OF 12 INCHES BETWEEN ALL NEW SANITARY SEWER MAINS AND ALL EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF POLK COUNTY AND THE POLK COUNTY ENGINEERING DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE POLK COUNTY ENGINEERING DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE POLK COUNTY ENGINEERING DEPARTMENT.

EXISTING UTILITIES NOTES
 ALL EXISTING UTILITIES SHOWN ON THIS PLAN ARE BASED ON RECORD DRAWINGS AND FIELD SURVEY DATA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF POLK COUNTY AND THE POLK COUNTY ENGINEERING DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE POLK COUNTY ENGINEERING DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE POLK COUNTY ENGINEERING DEPARTMENT.

OSHA NOTE
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF POLK COUNTY AND THE POLK COUNTY ENGINEERING DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE POLK COUNTY ENGINEERING DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE POLK COUNTY ENGINEERING DEPARTMENT.

PIPE FITTING NOTE
 ALL PIPE FITTINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF POLK COUNTY STANDARD SPECIFICATIONS FOR CONSTRUCTION OF SANITARY SEWER MAINS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF POLK COUNTY AND THE POLK COUNTY ENGINEERING DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE POLK COUNTY ENGINEERING DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE POLK COUNTY ENGINEERING DEPARTMENT.

UTILITY NOTE
 ALL UTILITIES SHOWN ON THIS PLAN ARE BASED ON RECORD DRAWINGS AND FIELD SURVEY DATA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF POLK COUNTY AND THE POLK COUNTY ENGINEERING DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE POLK COUNTY ENGINEERING DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE POLK COUNTY ENGINEERING DEPARTMENT.



CALL 48 HOURS BEFORE YOU DIG
 811
 POLK COUNTY
 811
 POLK COUNTY
 811

ECON
 ENGINEERING & CONSTRUCTION
 4500 South Florida Avenue
 Jacksonville, FL 32217
 TEL: 904-251-4444 FAX: 904-251-4445
 WWW.ECONENGINEERING.COM
 PROFESSIONAL ENGINEERING SERVICES - FLORIDA

KNIGHTS LANDING PHASE TWO POLK COUNTY, FL

ENLARGED SANITARY SEWER PLAN 1

DATE	NO	REVISIONS
12-11-14	1	ISSUE FOR PERMITS
05-22-14	2	REVISED PERMITS
05-22-14	3	REVISED PERMITS
05-22-14	4	REVISED PERMITS
05-22-14	5	REVISED PERMITS
05-22-14	6	REVISED PERMITS
05-22-14	7	REVISED PERMITS
05-22-14	8	REVISED PERMITS
05-22-14	9	REVISED PERMITS
05-22-14	10	REVISED PERMITS

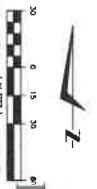
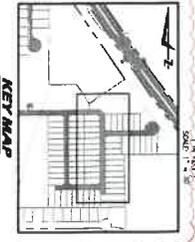
NOTED: THESE PERMITS ARE SUBJECT TO ALL AGENCY PERMITS AND REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF POLK COUNTY AND THE POLK COUNTY ENGINEERING DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE POLK COUNTY ENGINEERING DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE POLK COUNTY ENGINEERING DEPARTMENT.

CHARLES A. BRIDGES, P.E. LICENSE #9813 DATE 12-22-14



SEE SHEET 28 FOR CONTINUATION

SEE SHEET 26 FOR CONTINUATION



NOTICE
 CONTRACTOR TO EXPRESS CLEARANCE OBTAIN FROM DEPARTMENT OF THE AREA OF THE CROSSING ROAD.

DEWATERING NOTE
 BEFORE THE DEWATERING OF ANY EXISTING STRUCTURE, THE CONTRACTOR SHALL OBTAIN THE NECESSARY PERMITS FROM THE LOCAL HEALTH DEPARTMENT AND THE LOCAL WATER TREATMENT PLANT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES DURING THE DEWATERING PROCESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES DURING THE DEWATERING PROCESS.

UTILITY SEPARATION NOTE
 ALL UTILITIES LOCATED WITHIN THE SHIRT SHOULD BE PROTECTED.

UTILITY SEPARATION NOTE
 CONTRACTOR TO VERIFY ALL UTILITIES ARE PROTECTED AND SEPARATED FROM THE SANITARY SEWER LINES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES DURING THE CONSTRUCTION PROCESS.

EXISTING UTILITIES NOTES
 ALL UTILITIES SHOWN ON THIS PLAN ARE BASED ON THE MOST RECENT RECORD DRAWINGS. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES DURING THE CONSTRUCTION PROCESS.

OSHA NOTE
 CONTRACTOR TO COMPLY WITH OSHA REGULATIONS TO 29 CFR PART 1926, SUBPART S, AND ALL OTHER APPLICABLE OSHA REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES DURING THE CONSTRUCTION PROCESS.

CHANGE ORDER NOTE
 ANY CHANGES TO THIS PLAN SHALL BE MADE BY A WRITTEN CHANGE ORDER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES DURING THE CONSTRUCTION PROCESS.

PIPE FITTING NOTE
 THE SIZE OF THE PIPE FITTINGS ON THE PLAN ARE SHOWN UNLESS OTHERWISE NOTED.

UNUSABLE MATERIAL NOTE
 UNUSABLE MATERIAL SHALL BE REMOVED AND REPAIRED TO ORIGINAL CONDITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES DURING THE CONSTRUCTION PROCESS.

EXISTING GAS MAIN NOTE
 CONTRACTOR TO VERIFY THE LOCATION AND DEPTH OF ALL EXISTING GAS MAINS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES DURING THE CONSTRUCTION PROCESS.

UTILITY NOTE
 CALL 48 HOURS BEFORE YOU DIG (1) 800-48-4848 (2) 813-241-1111 (3) THE LAW!

ECON
 ENGINEERING & CONSTRUCTION SERVICES
 4205 South Florida Avenue, Suite 200
 Fort Lauderdale, FL 33309
 TEL: 954-575-1111 FAX: 954-575-1112
 WWW.ECON-FL.COM

KNIGHTS LANDING PHASE TWO POLK COUNTY, FL

ENLARGED SANITARY SEWER PLAN 2

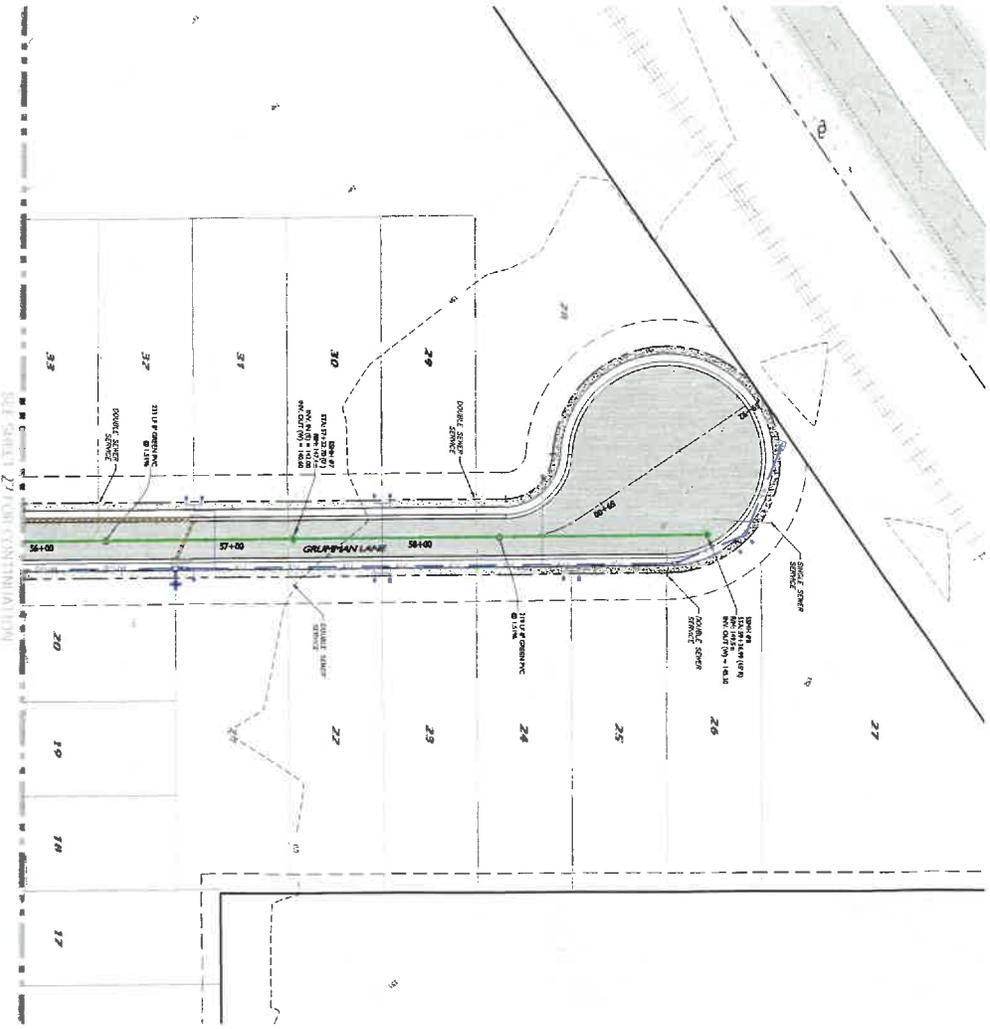
NOT CONSIDERED FINAL UNTIL ALL AGENCY PERMITS ARE OBTAINED FROM THE CONTRACTING AGENCY.

DATE	NO	REVISIONS
11-11-23	1	ISSUE PERMITS AND OTHER
08-24-24	2	REVISE PERMITS AND OTHER
08-24-24	3	REVISE PERMITS AND OTHER
11-11-24	4	REVISE PERMITS AND OTHER
11-11-24	5	REVISE PERMITS AND OTHER
11-11-24	6	REVISE PERMITS AND OTHER
11-11-24	7	REVISE PERMITS AND OTHER
11-11-24	8	REVISE PERMITS AND OTHER
11-11-24	9	REVISE PERMITS AND OTHER
11-11-24	10	REVISE PERMITS AND OTHER

CHARLES A. BROOKS, P.E. LICENSE #88618 DATE 11-11-23

SHEET 27

THIS PLAN HAS BEEN DIGITALLY SIGNED AND SEALED BY THE ENGINEER ON THE DATE INDICATED HEREIN. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.



*** NOTICE ***
 CONTRACTOR TO EXERCISE CAREFUL DURING CONSTRUCTION IN THE AREA OF THE EXISTING OLD MAIN.

*** DEMATERING NOTE ***
 REMOVE ALL EXISTING DEMATERING MATERIAL AND STRUCTURES WITHIN THE CONSTRUCTION AREA. DEMATERING MATERIAL SHALL BE REMOVED TO THE STREET OR TO THE EXISTING DEMATERING AREA. DEMATERING MATERIAL SHALL BE REMOVED TO THE STREET OR TO THE EXISTING DEMATERING AREA.

*** UTILITY SEPARATION NOTE ***
 MAINTAIN UTILITY SEPARATION FROM ALL EXISTING UTILITIES. MAINTAIN UTILITY SEPARATION FROM ALL EXISTING UTILITIES. MAINTAIN UTILITY SEPARATION FROM ALL EXISTING UTILITIES.

*** UTILITY SEPARATION NOTE ***
 MAINTAIN UTILITY SEPARATION FROM ALL EXISTING UTILITIES. MAINTAIN UTILITY SEPARATION FROM ALL EXISTING UTILITIES. MAINTAIN UTILITY SEPARATION FROM ALL EXISTING UTILITIES.

*** EXISTING UTILITIES NOTES ***
 IF IN THE CONSTRUCTION AREA, ALL EXISTING UTILITIES SHALL BE MAINTAINED. IF IN THE CONSTRUCTION AREA, ALL EXISTING UTILITIES SHALL BE MAINTAINED. IF IN THE CONSTRUCTION AREA, ALL EXISTING UTILITIES SHALL BE MAINTAINED.

*** OSHA NOTE ***
 CONSTRUCTION TO COMPLY WITH OSHA STANDARDS IS ON PART 18K, 18L, 18M, 18N, 18O, 18P, 18Q, 18R, 18S, 18T, 18U, 18V, 18W, 18X, 18Y, 18Z, 19A, 19B, 19C, 19D, 19E, 19F, 19G, 19H, 19I, 19J, 19K, 19L, 19M, 19N, 19O, 19P, 19Q, 19R, 19S, 19T, 19U, 19V, 19W, 19X, 19Y, 19Z, 20A, 20B, 20C, 20D, 20E, 20F, 20G, 20H, 20I, 20J, 20K, 20L, 20M, 20N, 20O, 20P, 20Q, 20R, 20S, 20T, 20U, 20V, 20W, 20X, 20Y, 20Z, 21A, 21B, 21C, 21D, 21E, 21F, 21G, 21H, 21I, 21J, 21K, 21L, 21M, 21N, 21O, 21P, 21Q, 21R, 21S, 21T, 21U, 21V, 21W, 21X, 21Y, 21Z, 22A, 22B, 22C, 22D, 22E, 22F, 22G, 22H, 22I, 22J, 22K, 22L, 22M, 22N, 22O, 22P, 22Q, 22R, 22S, 22T, 22U, 22V, 22W, 22X, 22Y, 22Z, 23A, 23B, 23C, 23D, 23E, 23F, 23G, 23H, 23I, 23J, 23K, 23L, 23M, 23N, 23O, 23P, 23Q, 23R, 23S, 23T, 23U, 23V, 23W, 23X, 23Y, 23Z, 24A, 24B, 24C, 24D, 24E, 24F, 24G, 24H, 24I, 24J, 24K, 24L, 24M, 24N, 24O, 24P, 24Q, 24R, 24S, 24T, 24U, 24V, 24W, 24X, 24Y, 24Z, 25A, 25B, 25C, 25D, 25E, 25F, 25G, 25H, 25I, 25J, 25K, 25L, 25M, 25N, 25O, 25P, 25Q, 25R, 25S, 25T, 25U, 25V, 25W, 25X, 25Y, 25Z, 26A, 26B, 26C, 26D, 26E, 26F, 26G, 26H, 26I, 26J, 26K, 26L, 26M, 26N, 26O, 26P, 26Q, 26R, 26S, 26T, 26U, 26V, 26W, 26X, 26Y, 26Z, 27A, 27B, 27C, 27D, 27E, 27F, 27G, 27H, 27I, 27J, 27K, 27L, 27M, 27N, 27O, 27P, 27Q, 27R, 27S, 27T, 27U, 27V, 27W, 27X, 27Y, 27Z, 28A, 28B, 28C, 28D, 28E, 28F, 28G, 28H, 28I, 28J, 28K, 28L, 28M, 28N, 28O, 28P, 28Q, 28R, 28S, 28T, 28U, 28V, 28W, 28X, 28Y, 28Z, 29A, 29B, 29C, 29D, 29E, 29F, 29G, 29H, 29I, 29J, 29K, 29L, 29M, 29N, 29O, 29P, 29Q, 29R, 29S, 29T, 29U, 29V, 29W, 29X, 29Y, 29Z, 30A, 30B, 30C, 30D, 30E, 30F, 30G, 30H, 30I, 30J, 30K, 30L, 30M, 30N, 30O, 30P, 30Q, 30R, 30S, 30T, 30U, 30V, 30W, 30X, 30Y, 30Z, 31A, 31B, 31C, 31D, 31E, 31F, 31G, 31H, 31I, 31J, 31K, 31L, 31M, 31N, 31O, 31P, 31Q, 31R, 31S, 31T, 31U, 31V, 31W, 31X, 31Y, 31Z, 32A, 32B, 32C, 32D, 32E, 32F, 32G, 32H, 32I, 32J, 32K, 32L, 32M, 32N, 32O, 32P, 32Q, 32R, 32S, 32T, 32U, 32V, 32W, 32X, 32Y, 32Z, 33A, 33B, 33C, 33D, 33E, 33F, 33G, 33H, 33I, 33J, 33K, 33L, 33M, 33N, 33O, 33P, 33Q, 33R, 33S, 33T, 33U, 33V, 33W, 33X, 33Y, 33Z.

*** CHANGE ORDER NOTES ***
 ANY CHANGE ORDER MUST BE APPROVED BY THE OWNER AND THE ENGINEER. ANY CHANGE ORDER MUST BE APPROVED BY THE OWNER AND THE ENGINEER. ANY CHANGE ORDER MUST BE APPROVED BY THE OWNER AND THE ENGINEER.

*** UNSUITABLE MATERIAL NOTE ***
 UNSUITABLE MATERIAL SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL. UNSUITABLE MATERIAL SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL. UNSUITABLE MATERIAL SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL.

*** EXISTING GAS MAIN NOTE ***
 EXISTING GAS MAIN SHALL BE MAINTAINED. EXISTING GAS MAIN SHALL BE MAINTAINED. EXISTING GAS MAIN SHALL BE MAINTAINED.

*** UTILITY NOTE ***
 CALL 811 BEFORE YOU DIG. CALL 811 BEFORE YOU DIG. CALL 811 BEFORE YOU DIG.

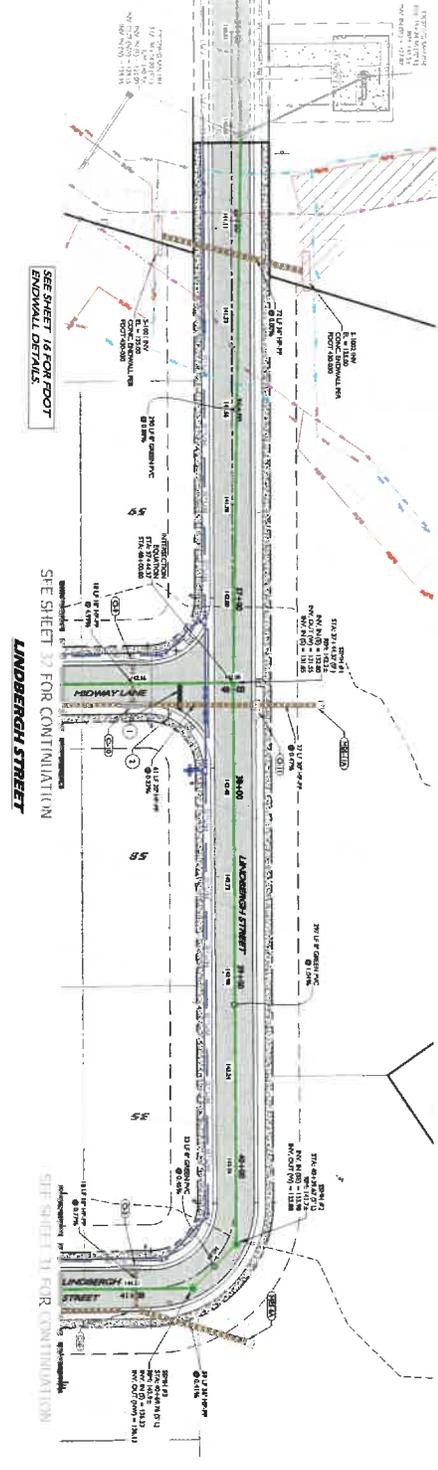
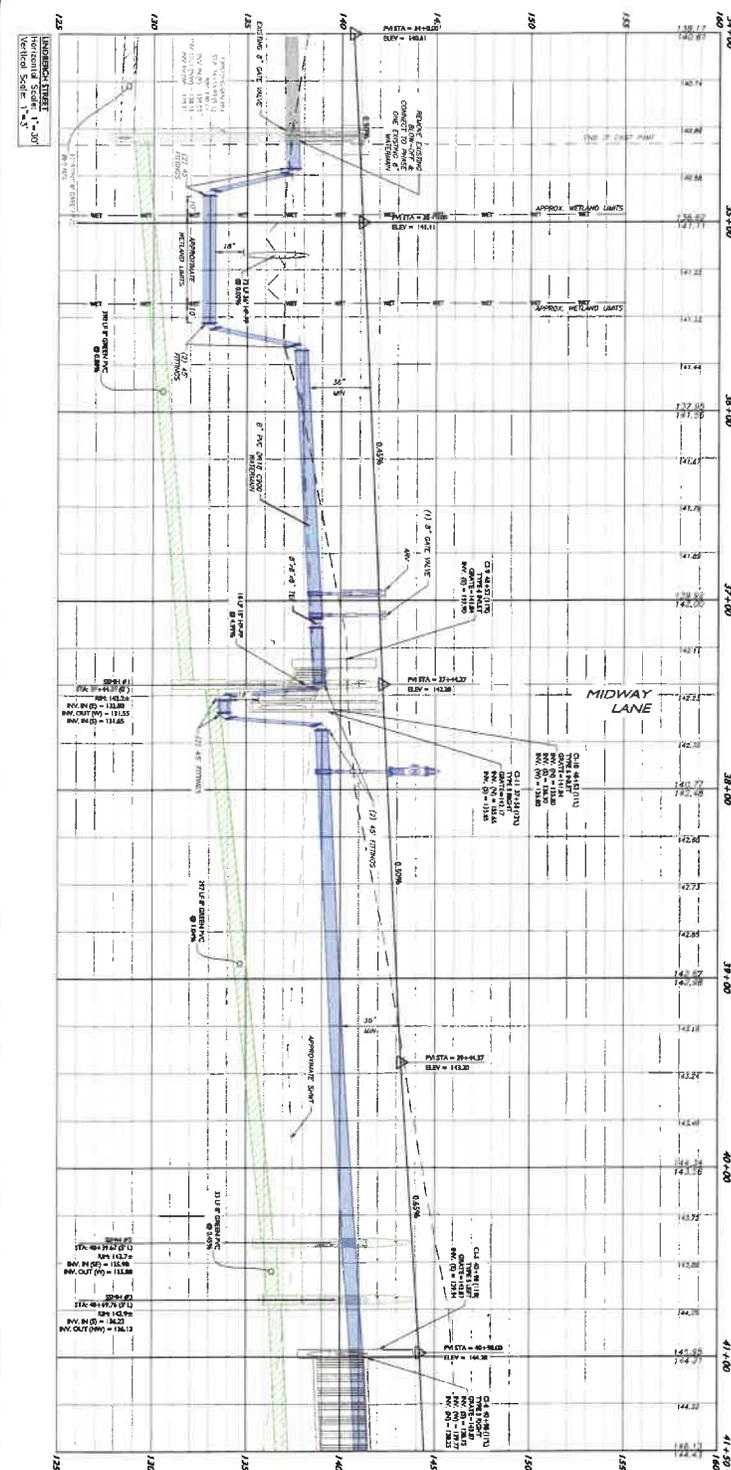
UTILITY NOTE
 CALL 811 BEFORE YOU DIG. CALL 811 BEFORE YOU DIG. CALL 811 BEFORE YOU DIG.

ECON
 PROFESSIONAL ENGINEERING SERVICES
 4709 South Florida Avenue
 Fort Lauderdale, FL 33309
 (954) 333-1111
 (954) 333-1112
 (954) 333-1113
 (954) 333-1114
 (954) 333-1115
 (954) 333-1116
 (954) 333-1117
 (954) 333-1118
 (954) 333-1119
 (954) 333-1120

KNIGHTS LANDING PHASE TWO POLK COUNTY, FL

ENLARGED SANITARY SEWER PLAN 3

DATE	NO	REVISIONS
08-29-23	1	ISSUE PERMITS AND SETBACKS
11-21-23	2	ADD NEW UTILITY SERVICES
03-26-24	3	REVISE POWER & CABLES PER COMMENTS
05-08-24	4	REVISE UTILITIES AND ADD NEW PER COMMENTS
05-23-24	5	REVISE PER POLK COUNTY COMMENTS
11-11-24	6	REVISE PER COMMENTS PER DISTRICT COMMENTS
12-03-24	7	REVISE PER COMMENTS PER DISTRICT COMMENTS



CALL 48 HOURS BEFORE YOU DIG ITS THE LAW! DIAL 811

811
 CALL 48 HOURS BEFORE YOU DIG ITS THE LAW!
 DIAL 811
 BUD WILSON, P.E.
 ENGINEER, LUMBERGH STREET, LACOMBE, FL

REGULATION SIGNS
LEGEND

- 1. 1' x 6' REG. SIGN (R1)
- 2. 8' x 4' REG. SIGN (R2)
- 3. 4' x 6' REG. SIGN (R3)
- 4. 4' x 8' REG. SIGN (R4)
- 5. 8' x 8' REG. SIGN (R5)
- 6. 8' x 12' REG. SIGN (R6)
- 7. 12' x 12' REG. SIGN (R7)
- 8. 12' x 24' REG. SIGN (R8)
- 9. 24' x 24' REG. SIGN (R9)
- 10. 24' x 36' REG. SIGN (R10)
- 11. 36' x 36' REG. SIGN (R11)
- 12. 36' x 48' REG. SIGN (R12)
- 13. 48' x 48' REG. SIGN (R13)
- 14. 48' x 72' REG. SIGN (R14)
- 15. 72' x 72' REG. SIGN (R15)
- 16. 72' x 96' REG. SIGN (R16)
- 17. 96' x 96' REG. SIGN (R17)
- 18. 96' x 120' REG. SIGN (R18)
- 19. 120' x 120' REG. SIGN (R19)
- 20. 120' x 144' REG. SIGN (R20)

WATER ALIQUOT
 WASTE ALIQUOT
 LATER SIGN W-1-1
 DEAD END W-1-1

KEY MAP
 ALTS

ECON
 ENGINEERING & SURVEYING
 6700 South Florida Avenue
 Suite 4, Lacombe, Florida 32085
 PHONE: 904-885-1111 FAX: 904-885-1112
 SURVEYING AND MAPPING BUSINESS: LP PERM
 PROFESSIONAL ENGINEERING SERVICES - CAROLINA

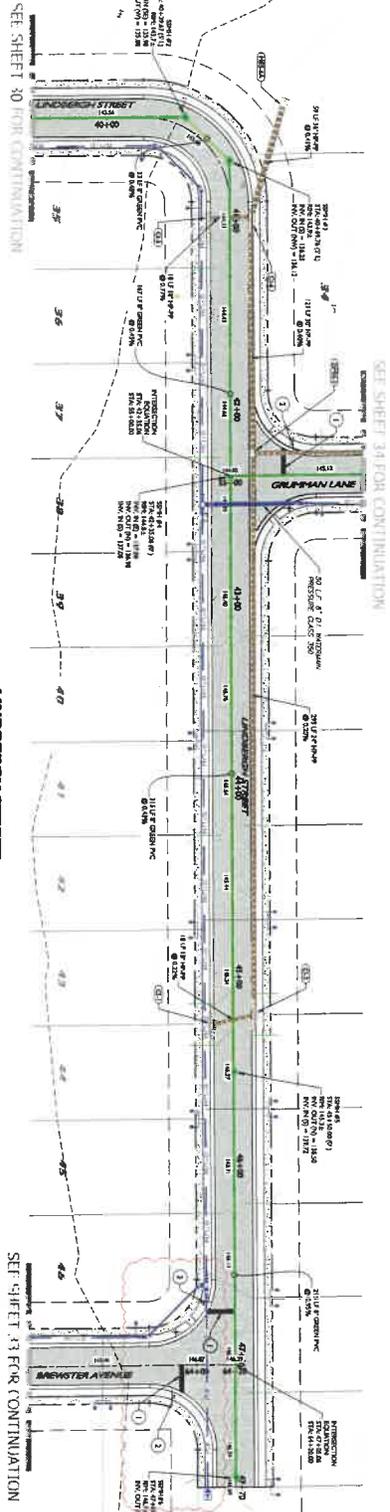
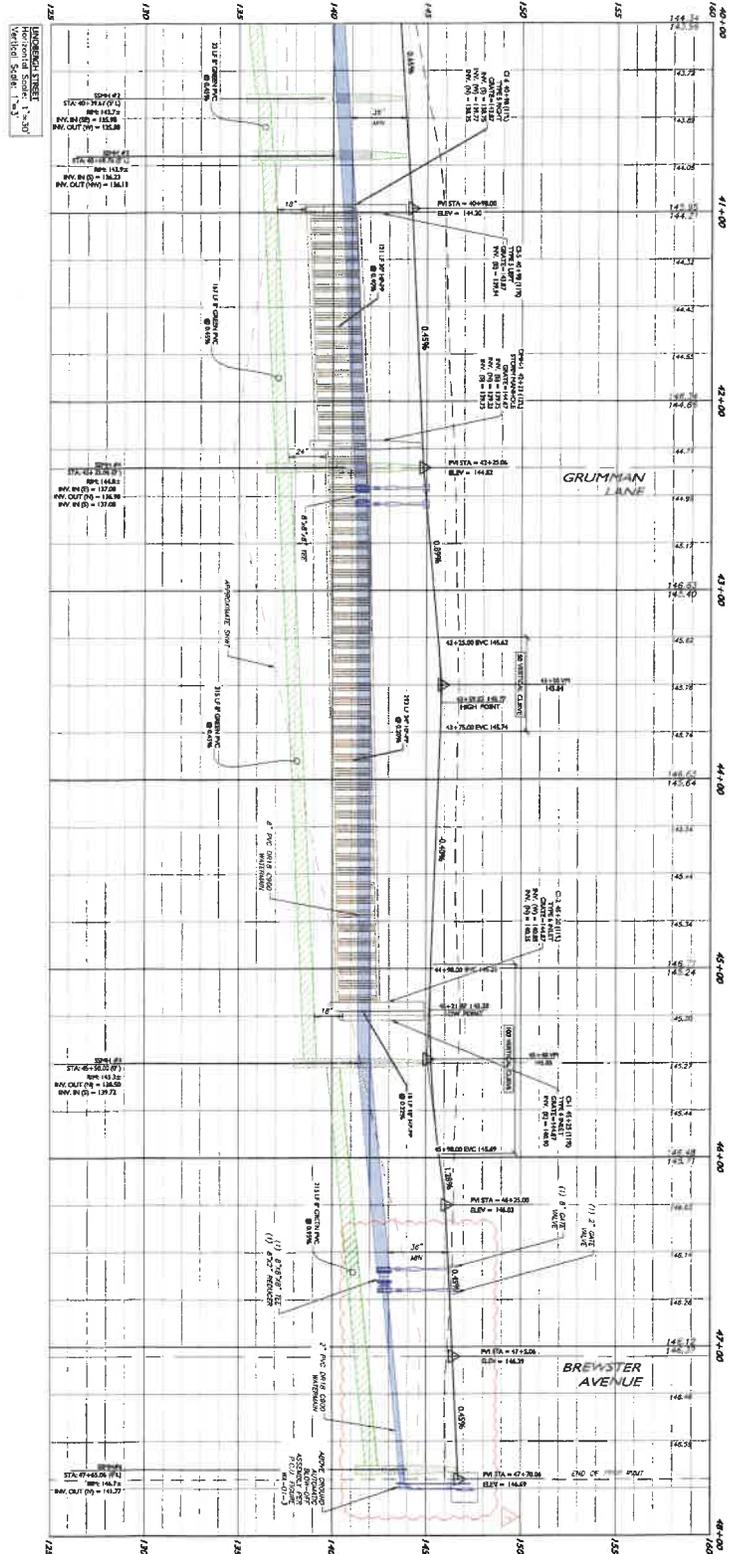
KNIGHTS LANDING PHASE TWO
FOLK COUNTY, FL

PLAN AND PROFILE 1

NOT CONSIDERED FINAL UNTIL ALL AGENCY PERMITS ARE RECEIVED AND THE PROJECT IS SEALED.
 CHARLES R. BROOKHUIS, P.E. LICENSE #88115 DATE 12/2/04

DATE	NO.	REVISIONS
04/22/03	1	REVIEW UPDATES AND IMPACTS
11-17-03	2	ADD FIRST ENDWALL DETAIL
03-26-04	3	REVIEW PERMITS & REVISE PERMITS
05-08-04	4	REVIEW UPDATES AND IMPACTS
05-27-04	5	REVIEW PERMITS & REVISE PERMITS
11-11-04	6	REVIEW PERMITS & REVISE PERMITS
12-22-04	7	REVIEW PERMITS & REVISE PERMITS
12-22-04	8	REVIEW PERMITS & REVISE PERMITS
12-22-04	9	REVIEW PERMITS & REVISE PERMITS
12-22-04	10	REVIEW PERMITS & REVISE PERMITS

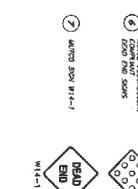
SHEET 30



CALL 48 HOURS BEFORE YOU DIG
 IT'S THE LAW
 DIAL 811
 811
 CALL 811 BEFORE YOU DIG



- REGULATORY SIGNS LEGEND**
- 1. 24" R14-1 MOTOR SIGN (R14-1)
 - 2. 24" R14-2 MOTOR SIGN (R14-2)
 - 3. 24" R14-3 MOTOR SIGN (R14-3)
 - 4. 24" R14-4 MOTOR SIGN (R14-4)
 - 5. 24" R14-5 MOTOR SIGN (R14-5)
 - 6. 24" R14-6 MOTOR SIGN (R14-6)
 - 7. 24" R14-7 MOTOR SIGN (R14-7)
 - 8. 24" R14-8 MOTOR SIGN (R14-8)
 - 9. 24" R14-9 MOTOR SIGN (R14-9)
 - 10. 24" R14-10 MOTOR SIGN (R14-10)
 - 11. 24" R14-11 MOTOR SIGN (R14-11)
 - 12. 24" R14-12 MOTOR SIGN (R14-12)
 - 13. 24" R14-13 MOTOR SIGN (R14-13)
 - 14. 24" R14-14 MOTOR SIGN (R14-14)
 - 15. 24" R14-15 MOTOR SIGN (R14-15)
 - 16. 24" R14-16 MOTOR SIGN (R14-16)
 - 17. 24" R14-17 MOTOR SIGN (R14-17)
 - 18. 24" R14-18 MOTOR SIGN (R14-18)
 - 19. 24" R14-19 MOTOR SIGN (R14-19)
 - 20. 24" R14-20 MOTOR SIGN (R14-20)



DATE	NO.	REVISIONS
06/27/23	1	ISSUE FOR PERMIT
11-15-23	2	REVISED PERMIT
03-28-24	3	REVISED PERMIT
02-22-24	4	REVISED PERMIT
11-21-24	5	REVISED PERMIT

NOT CONSIDERED PERMITS. ALL AGENCY PERMITS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
 CHARLES A. BROOKHUIS, P.E. LICENSE #88815 DATE 11/21/24

ECON
 ENGINEERING SURVEYING PLANNING
 6700 South Florida Avenue
 Suite 4, Lakeland, Florida 33873
 (888) 884-7447 • Fax (813) 689-1494
 SURVEYING AND MAPPING LICENSE - LP 7458
 PROFESSIONAL ENGINEERING SURVEYING - CERTIFICATE

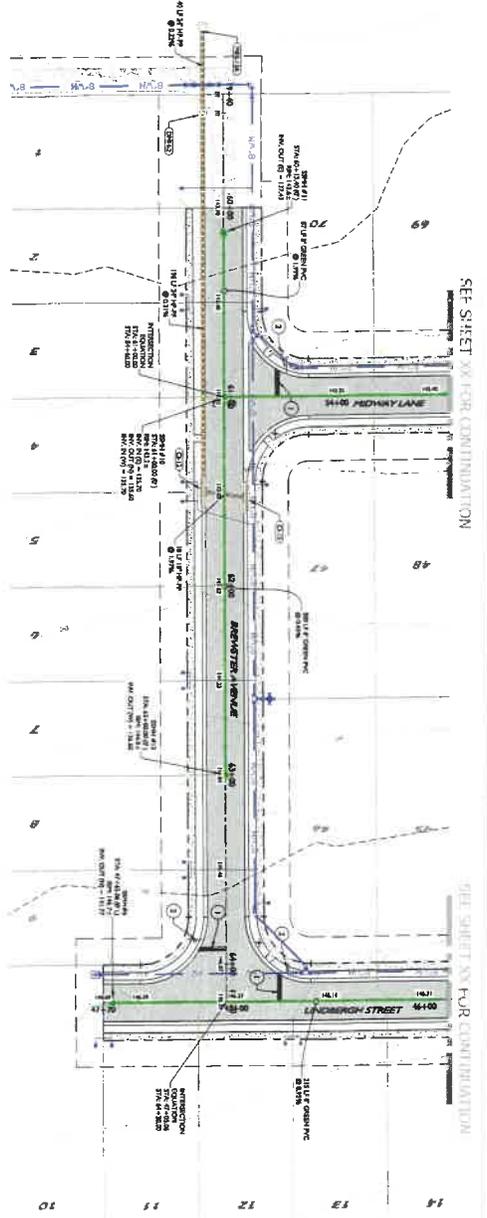
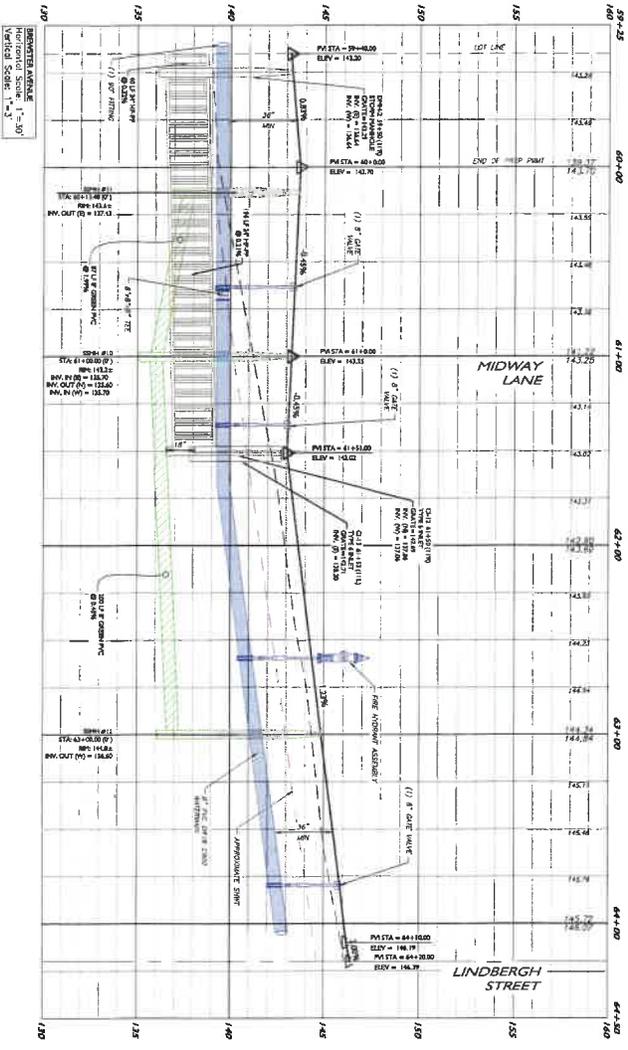
KNIGHTS LANDING PHASE TWO
 POLK COUNTY, FL

PLAN AND PROFILE 2

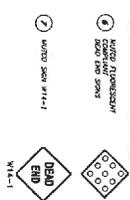
REVISIONS

DATE	NO.	REVISIONS
06/27/23	1	ISSUE FOR PERMIT
11-15-23	2	REVISED PERMIT
03-28-24	3	REVISED PERMIT
02-22-24	4	REVISED PERMIT
11-21-24	5	REVISED PERMIT

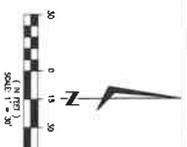
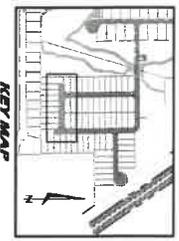
SHEET 31



CALL 48 HOURS BEFORE YOU DIG IT'S THE LAW!
 DIAL 911
 811
 CALL 811
 BEFORE YOU DIG
 IT'S THE LAW!



- REGULATORY SIGNS**
- LEGEND**
- 1 2' x 4' WHITE SIGN (R1-1)
 - 2 4' x 8' SIGN (R2-1)
 - 3 8' x 12' SIGN (R3-1)
 - 4 12' x 24' SIGN (R4-1)
 - 5 24' x 48' SIGN (R5-1)
 - 6 48' x 96' SIGN (R6-1)
 - 7 96' x 192' SIGN (R7-1)
 - 8 192' x 384' SIGN (R8-1)
 - 9 384' x 768' SIGN (R9-1)
 - 10 768' x 1536' SIGN (R10-1)
 - 11 1536' x 3072' SIGN (R11-1)
 - 12 3072' x 6144' SIGN (R12-1)
 - 13 6144' x 12288' SIGN (R13-1)
 - 14 12288' x 24576' SIGN (R14-1)
 - 15 24576' x 49152' SIGN (R15-1)
 - 16 49152' x 98304' SIGN (R16-1)
 - 17 98304' x 196608' SIGN (R17-1)
 - 18 196608' x 393216' SIGN (R18-1)
 - 19 393216' x 786432' SIGN (R19-1)
 - 20 786432' x 1572864' SIGN (R20-1)



ECON
 ENGINEERING & ARCHITECTURE
 4300 South Florida Avenue
 Suite 4, Lakeland, Florida 33813
 (813) 948-1111
 (813) 948-1112
 (813) 948-1113
 (813) 948-1114
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 (813) 948-1123
 (813) 948-1124
 (813) 948-1125
 (813) 948-1126
 (813) 948-1127
 (813) 948-1128
 (813) 948-1129
 (813) 948-1130

**KNIGHTS LANDING
 PHASE TWO
 POLK COUNTY, FL**

**PLAN AND
 PROFILE 5**

REVISIONS

NO.	DATE	DESCRIPTION
1	04/22/23	ISSUE FOR PERMITS
2	11/13/23	ADD/REVISE PERMITS
3	08/28/24	REVISE PERMITS & ADD/REVISE PERMITS
4	08/28/24	REVISE PERMITS & ADD/REVISE PERMITS
5	08/28/24	REVISE PERMITS & ADD/REVISE PERMITS
6	11/13/24	REVISE PERMITS & ADD/REVISE PERMITS
7	11/13/24	REVISE PERMITS & ADD/REVISE PERMITS
8	11/13/24	REVISE PERMITS & ADD/REVISE PERMITS
9	11/13/24	REVISE PERMITS & ADD/REVISE PERMITS
10	11/13/24	REVISE PERMITS & ADD/REVISE PERMITS
11	11/13/24	REVISE PERMITS & ADD/REVISE PERMITS
12	11/13/24	REVISE PERMITS & ADD/REVISE PERMITS
13	11/13/24	REVISE PERMITS & ADD/REVISE PERMITS
14	11/13/24	REVISE PERMITS & ADD/REVISE PERMITS
15	11/13/24	REVISE PERMITS & ADD/REVISE PERMITS
16	11/13/24	REVISE PERMITS & ADD/REVISE PERMITS
17	11/13/24	REVISE PERMITS & ADD/REVISE PERMITS
18	11/13/24	REVISE PERMITS & ADD/REVISE PERMITS
19	11/13/24	REVISE PERMITS & ADD/REVISE PERMITS
20	11/13/24	REVISE PERMITS & ADD/REVISE PERMITS

DATE NO. 11/13/24
 REVISIONS 20

NOT CONSIDERED FINAL UNTIL ALL AGENCY PERMITS ARE OBTAINED AND ALL CONSTRUCTION PERMITS ARE OBTAINED.

CHARLES R. BRIDGES, P.E. LICENSE # 11111 DATE 11/13/24

AS-BUILT REQUIREMENTS

THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL DRAINAGE AND UTILITY AS-BUILT INFORMATION TO THE ENGINEER AS FOLLOWS:

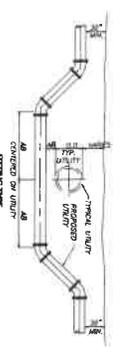
ALL DRAINAGE AND UTILITY AS-BUILT INFORMATION SHALL BE PROVIDED TO THE ENGINEER IN THE FORM OF A DETAILED AS-BUILT DRAWING. THE DRAWING SHALL BE PREPARED BY THE CONTRACTOR AND SHALL BE CHECKED AND APPROVED BY THE CONTRACTOR'S REGISTERED PROFESSIONAL ENGINEER. THE DRAWING SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL. THE ENGINEER SHALL REVIEW THE DRAWING FOR ACCURACY AND COMPLETENESS. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF THE AS-BUILT DRAWING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY AND COMPLETENESS OF THE AS-BUILT DRAWING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY AND COMPLETENESS OF THE AS-BUILT DRAWING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY AND COMPLETENESS OF THE AS-BUILT DRAWING.

MINIMUM UTILITY AS-BUILT REQUIREMENTS

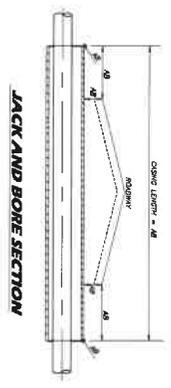
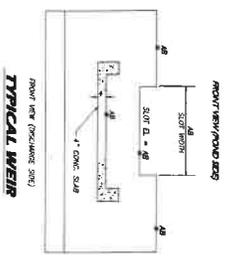
1. ALL UTILITY AND WATER LOCATIONS SHALL BE IDENTIFIED AND LOCATED ACCORDING TO THE AS-BUILT DRAWING.
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10. ALL UTILITY AND WATER LOCATIONS SHALL BE IDENTIFIED AND LOCATED ACCORDING TO THE AS-BUILT DRAWING.

MINIMUM DRAINAGE AS-BUILT REQUIREMENTS (FOR ALL OUTFALL STRUCTURES)

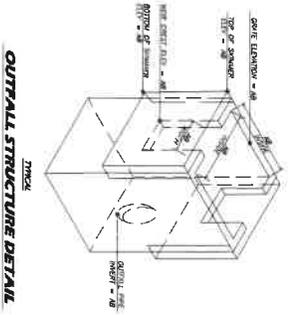
1. OUTFALL STRUCTURES SHALL BE IDENTIFIED AND LOCATED ACCORDING TO THE AS-BUILT DRAWING.
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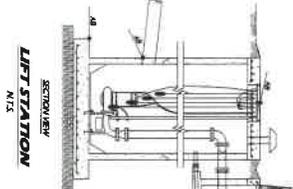
VERTICAL SEPARATION DETAIL



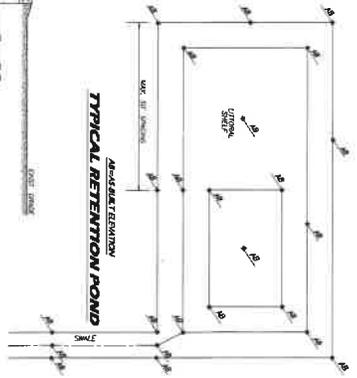
JACK AND BORE SECTION



OUTFALL STRUCTURE DETAIL



LIFT STATION



TYPICAL RETENTION POND



WATER MAIN CLEARANCE

LEGEND
48" = 48" BUILT DATA LOCATIONS

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW!
CALL 811
888.888.8888

35

ECON
ENGINEERING & CONSTRUCTION
6700 South Florida Avenue
Suite 4, Lakeland, Florida 33819
TEL: 888-888-8888 • FAX: 888-888-8888
SURVEYING AND MAPPING BUSINESS - LP 7555
PROFESSIONAL ENGINEERING SERVICES - CATEGORY 1

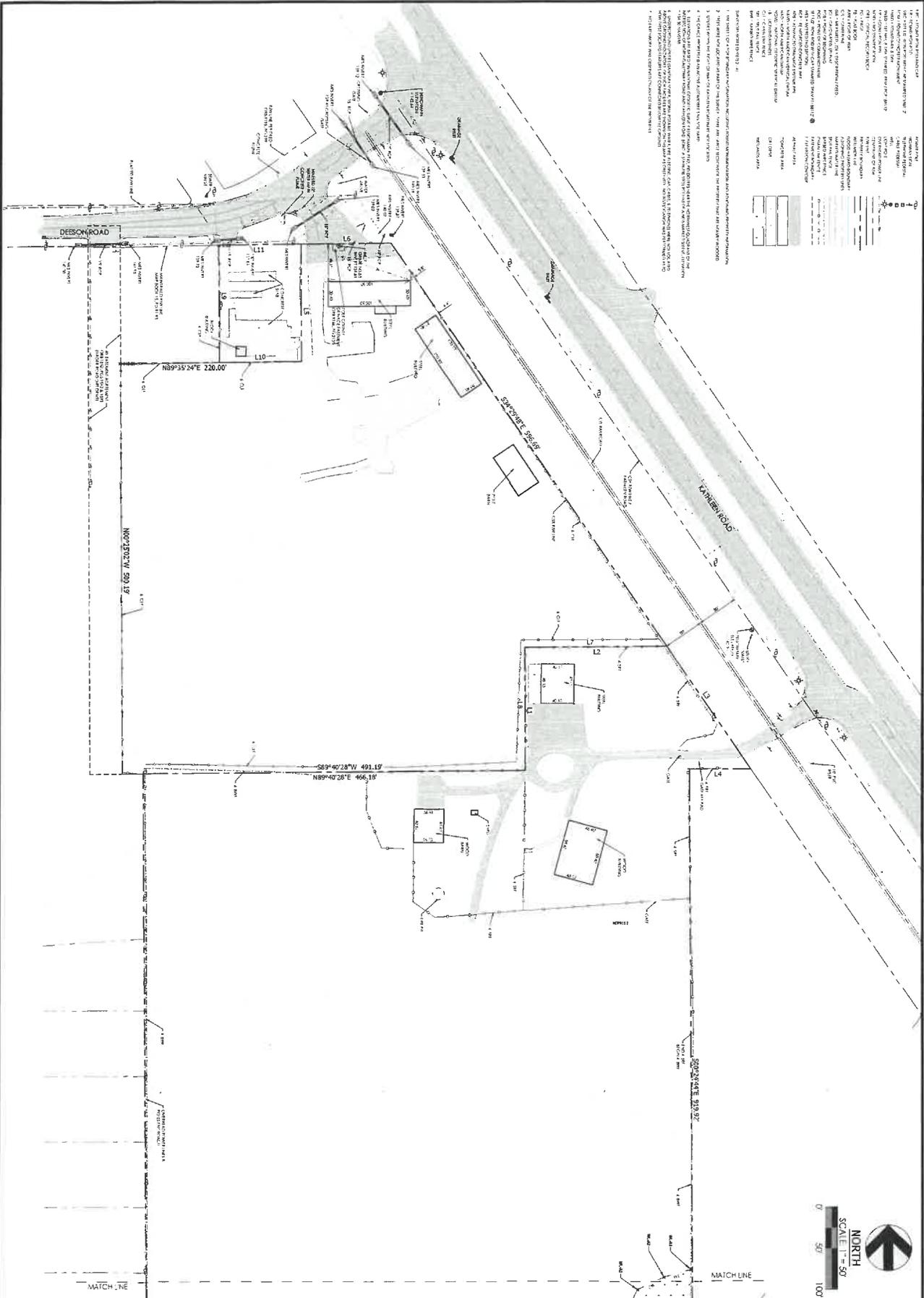
KNIGHTS LANDING PHASE TWO POLK COUNTY, FL

AS-BUILT REQUIREMENTS

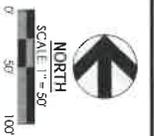
NOT BE USED WITHOUT PERMISSION OF THE ENGINEER. ALL RIGHTS RESERVED.
THIS AS-BUILT DRAWING IS THE PROPERTY OF THE ENGINEER AND SHALL BE KEPT IN CONFIDENCE.
NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER.
DATE: 12/1/2024
NO. 35

DATE	NO.	REVISIONS
12/1/2024	1	ISSUE FOR PERMITS
12/1/2024	2	REVISED PERMITS
12/1/2024	3	REVISED PERMITS
12/1/2024	4	REVISED PERMITS
12/1/2024	5	REVISED PERMITS
12/1/2024	6	REVISED PERMITS
12/1/2024	7	REVISED PERMITS
12/1/2024	8	REVISED PERMITS
12/1/2024	9	REVISED PERMITS
12/1/2024	10	REVISED PERMITS

NOTICE
THIS DRAWING IS THE PROPERTY OF THE ENGINEER AND SHALL BE KEPT IN CONFIDENCE.
NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER.



1. THE SETBACK DISTANCES SHOWN ARE THE MINIMUM DISTANCES TO BE MAINTAINED FROM THE ADJACENT PROPERTY LINES.
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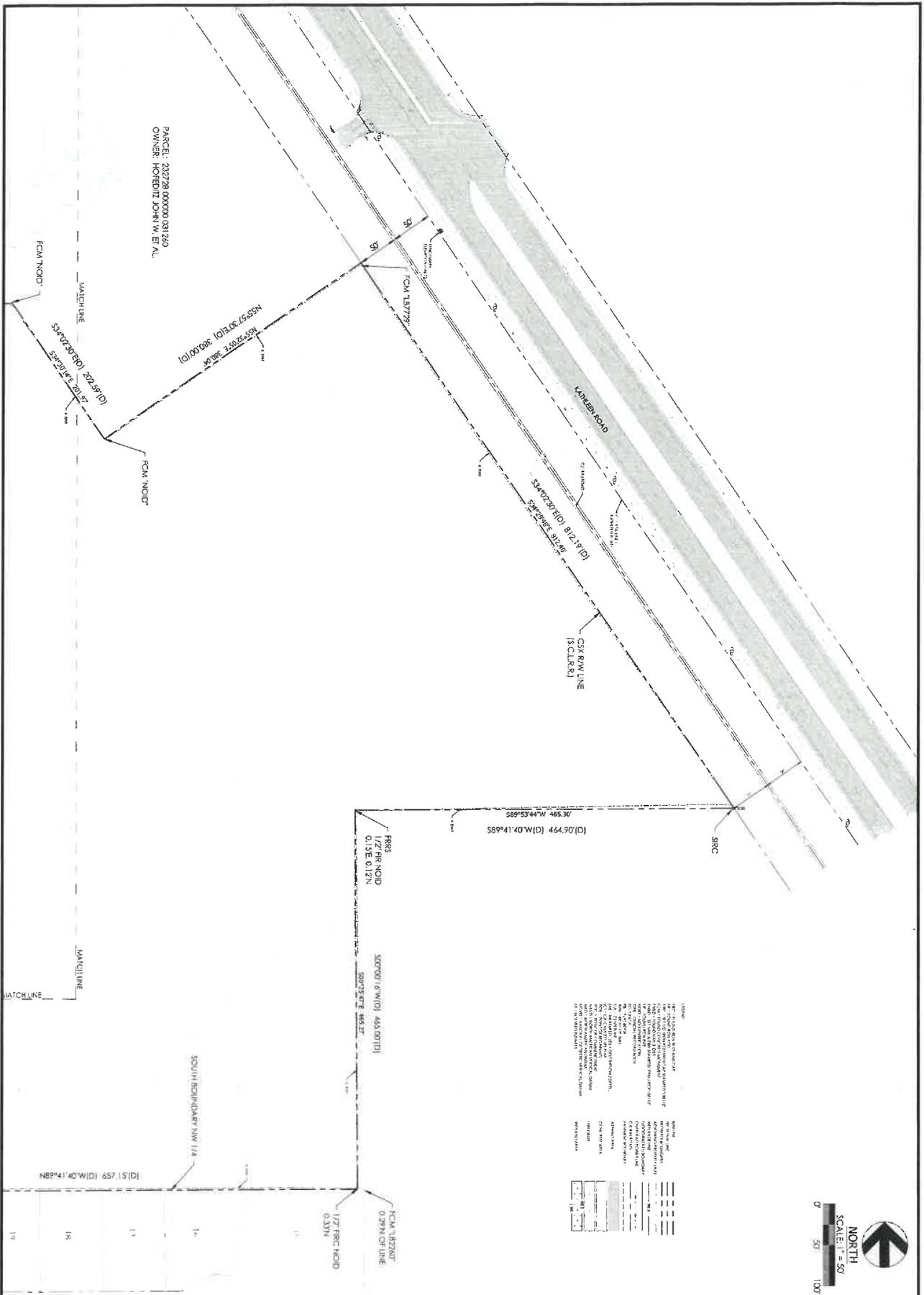
PROJECT NO: 10250
 SHEET: 2
 CLIENT: MICHAEL WARNOCK
 PROJECT: KNIGHTS LANDING
Boundary and Topographic Survey
 5404 KATHLEEN ROAD, LAKELAND, FL 33805

BASEPOINT SURVEYING, INC.

5404 KATHLEEN ROAD, LAKELAND, FL 33805
 PHONE: 888.337.0133
 FAX: 888.337.0133
 SALES: 888.337.0133
 SERVICE: 888.337.0133
 EMAIL: SALES@BASEPOINTSURVEYING.COM
 WEBSITE: WWW.BASEPOINTSURVEYING.COM

NO.	DATE	APPROVED	DESCRIPTION
1	10/02/19	REL4	1st topographic
2	01/02/20	REL4	add color data under RA, add

DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 APPROVED BY: [Signature]

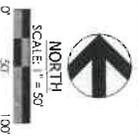


CLIENT: MICHAEL WARNOCK
 PROJECT: KNIGHTS LANDING
Boundary and Topographic Survey
 5404 KATHLEEN ROAD, LAKELAND, FL 33805

BASEPOINT SURVEYING, INC.
 13445 200th Ave
 COMPTON, CA 90015
 PHONE: 909.227.4123
 FAX: 909.227.4124
 14000 W. 110th St.
 BAYVIEW, MI 48064
 PHONE: 313.880.1100
 10000 N. 15th St.
 BOCA RATON, FL 33433
 PHONE: 561.991.1111

DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 DATE: 01/15/20

NO	DATE	APPROVED	DESCRIPTION
1	10/02/10	REL 4	add 1000 data
2	01/15/20	REL 4	add sheet data under P.R. add 1000 data



COUNTY: [Blank]
 TOWNSHIP: [Blank]
 SECTION: [Blank]

EXHIBIT B
(Engineer's Cost Estimate)



TRADITIONS ENGINEERING

ENGINEER'S COST ESTIMATE - PERFORMANCE SURETY

Project: Knights Landing Ph 2
Polk County Permit No. LDRES-2024-20

Description	Quantity	Unit	Unit Cost	Amount
Paving & Concrete				
1.5 in SD 9.5 Asphalt	66060	SF	\$1.50	\$99,090.00
6" Crushed Concrete Base	66060	SF	\$1.65	\$108,999.00
12" Stabilized Subgrade	79650	SF	\$0.72	\$57,082.50
2' Miami Curb	5330	LF	\$15.15	\$80,749.50
2' Curb Transitions	150	LF	\$23.25	\$3,487.50
3' Valley Gutter	240	LF	\$26.92	\$6,456.00
4" Thick Sidewalks	3,225	SF	\$4.90	\$15,802.50
ADA Dome Mats	120	SF	\$42.08	\$5,049.60
Stabilized Access Road				
6" Crushed Concrete	8100	SF	\$1.68	\$13,635.00
12" Stabilized Subgrade	8,595	SF	\$0.72	\$6,159.00
Clearing/Cleanup	1	EA	\$17,866.00	\$17,866.00
Potable Water System				
8" PVC	625	LF	\$43.12	\$26,937.60
8" DVP	25	LF	\$88.55	\$2,207.00
4" PVC	253	LF	\$21.15	\$5,352.00
8" Gate Valve	4	EA	\$2,771.00	\$10,481.00
4" Gate Valve	2	EA	\$1,750.00	\$2,750.00
8" Tee	2	EA	\$1,035.00	\$2,090.00
8"x4" Reducer	1	EA	\$552.00	\$604.00
8" Bends	9	EA	\$665.00	\$5,970.00
4" Bends	1	EA	\$440.00	\$480.00
Single Service	6	EA	\$1,575.00	\$9,900.00
Double Service	14	EA	\$2,405.00	\$34,745.00
Fire Hydrant	1	EA	\$8,075.00	\$12,840.00
2" Auto Blowoff	1	EA	\$8,490.00	\$8,980.00
Chlorinate/Samples	6	EA	\$710.00	\$4,260.00
Testing (Onsite)	1	EA	\$1,670.00	\$1,670.00
8" PVC (Offsite)	97	LF	\$49.95	\$4,853.00
8" Directional Bore (Offsite)	272	LF	\$74.75	\$20,365.00
6" PVC (Offsite)	59	LF	\$31.05	\$1,821.00
6"x6" Wet Tap (Offsite)	1	EA	\$6,015.00	\$6,015.00
8" Gate Valve (Offsite)	2	EA	\$2,770.00	\$4,160.00
8"x6" Reducer (Offsite)	0.5	EA	\$585.00	\$295.00
8" Bends (Offsite)	5	EA	\$667.00	\$3,340.00
6" Bends (Offsite)	2	EA	\$575.00	\$865.00



TRADITIONS ENGINEERING

Chlorinate/Samples (Offsite)	2	EA	\$715.00	\$1,430.00
Testing (Offsite)	1	EA	\$1,020.00	\$1,020.00
Miscellaneous				
Weirs	1	EA	\$18,940.00	\$13,710.00
Mitered End Section	1	EA	\$14,510.00	\$10,510.00
TV Inspection	1	EA	\$18,400.00	\$18,400.00
Sod	1	LS	\$59,562.00	\$59,562.00
Material Testing	0.53	LS	\$14,420.00	\$6,820.00
Layout/Asbuilts	0.54	LS	\$55,340.00	\$25,440.00

Total Cost: \$722,249.20
Bond Cost (110%): \$794,474.12

A surety amount of **\$794,474.12** is proposed. Your review and approval of the proposed surety amount is requested. If you have any questions, please don't hesitate to contact me at 863-397-1626 or cbrooker@traditions-eng.com

Charles R Brooker Digitally signed by
Charles R Brooker
Date: 2025.08.29
13:14:50 -04'00'

08/29/2025

Charles Brooker III, PE
License No. 88615

Date