**AGENDA**
**TECHNICAL REVIEW COMMITTEE**
**REGULAR MEETING**
**DECEMBER 10, 2020**
**9:00 AM**
**CITY HALL COMMISSION CHAMBERS**
**204 ASH STREET**
**FERNANDINA BEACH, FL 32034**

**1. CALL TO ORDER**

**2. ROLL CALL**

**3. PLEDGE OF ALLEGIANCE**

**4. APPROVAL OF MINUTES**

4.1 Approval of Minutes for the Regular Meeting on November 12, 2020.

**5. OLD BUSINESS**

**6. DISCUSSION ITEMS**

6.1 Pre-Application Discussion - Matt Poling, Trenam Law, 1750 S. 14th St. - To discuss the possibility of splitting the northern lot from this commercial parcel. The property is zoned C-1.

6.2 Pre-Application Discussion - Dan McCranie, McCranie & Associates: 3420 1st Ave. - To discuss the construction of 4 townhome buildings utilizing the 25 x 100 foot platted lots of record. This property is zoned R-3.

6.3 Pre-Application Discussion - Asa Gillette, Gillette & Associates, Inc., 604 North 14th Street - To discuss site compliance for mixed used occupancy for an existing commercial building. The property is zoned C-1.

6.4 Pre-Application Discussion - John Hillman, 3163 Bailey Rd. - To discuss adapting a warehouse building into a woodworking shop. This property is zoned I-1.

6.5 Change of Use: 311 Centre St. - Kelly Purko to discuss opening a retail space in a former real estate location. This property is zoned C-3.

**7. DEVELOPMENT INQUIRIES FROM APPLICANTS NOT ON THE AGENDA - DISCUSSION ONLY, NO ACTION TO BE TAKEN.**

**8. COMMITTEE BUSINESS**

8.1 SPR 2020-0006 Paxton Automotive - 1947 Citrona Drive: Sign Off

8.2 SPR 2020-0008 WestRock Drop Yard - 600 N. 8th Street: Sign Off

**9. ADJOURNMENT**

**NEXT REGULAR TRC MEETING IS SCHEDULED FOR DECEMBER 17, 2020.**

Persons with disabilities requiring accommodations in order to participate in this program or activity should contact 310-3115, TTY 711, or through the Florida Relay Services at 1-800-955-8771 (TTY number for all City offices) at least 24 hours in advance to request such accommodations.

DRAFT

# MINUTES
# TECHNICAL REVIEW COMMITTEE
# REGULAR MEETING
# NOVEMBER 12, 2020

## 1. CALL TO ORDER 9:01

## 2. ROLL CALL

**MEMBERS PRESENT:**

Jacob Platt, Planning
Sal Cumella, Historic Preservation (9:05)
Michelle Forstrom, Code Enforcement
Rex Lester, Streets/ADA (9:08)
Steve Beckman, Building
Joe Cooner, Utilities
Walter Gray, Utilities
Andre Desilet, Stormwater

**OTHERS PRESENT:**

Taylor Hartmann, Recording Secretary

## 3. PLEDGE OF ALLEGIANCE

## 4. APPROVAL OF MINUTES

4.1 Approval of Minutes for the Regular Meeting of July 9, 2020.

4.2 Approval of Minutes for the Regular Meeting of August 13, 2020.

4.3 Approval of Minutes for the Regular Meeting of September 24, 2020.

4.4 Approval of Minutes for the Regular Meeting of October 22, 2020.

**ACTION TAKEN: A motion was made by Member Forstrom, seconded by Member Desilet, to approve all Minutes as presented.**

**Motion passed by unanimous voice vote.**

## 5. DISCUSSION ITEMS

**5.1 Pre-Application: 233 S. 14th Street - Nick Gillette, Gillette and Associates, to discuss a Group Residential Project on an MU-1 Mixed Use parcel.**

Mr. Gillette presented an overview of the project and stated that the property will be made up of 10 individual units owned by one entity. He noted that only 1 tree is anticipated to be removed.

Mr. Desilet commented on the offsite drainage being coordinated with Nassau County and Mr. Platt confirmed that the parking requirements are 1 parking space per 2 occupants.

Mr. Beckman stated that R-1 and R-2 Zoning require sprinkler systems inside the units.

**5.2 Pre-Application: 515 S. 8th Street - Scott Thompson – Change of Use**

Mr. Platt introduced the Change of Use application.

Phil Griffin, owner of the property, spoke about the Land Development Code and meeting current requirements as they pertain to changes of use.

Mr. Beckman commented that if this location would be used to assemble and/or repair vehicles, it would be zoned as a Light to Moderate Factory and would require appropriate fire barriers.

The applicant spoke to the types of motorcycles and scooters that would be kept in the building, as well as the potential to display scooters.

Mr. Platt inquired about plans for the parking lot, including removing asphalt, re-striping the parking spaces, and enclosing the dumpster.

Ms. Forstrom asked about any planned repairs to be done to the structure, both indoors and/or outdoors.

Mr. Platt suggested having a more detailed business plan when applying for a Local Business Tax Receipt and the applicant noted he would provide a detailed site plan within 2 weeks.

Mr. Platt spoke to the reasons change of use applications are required per the LDC.

**5.3 Change of Use: 2022 1st Avenue - Kate & Rado Kovalcik to discuss opening an ice cream shop in a former art gallery space.**

Ms. Kovalcik spoke about her vision for the space and inquired about the use of commercial grade kitchen appliances.

Mr. Beckman stated that accessibility, particularly the restrooms, would need to be addressed in order to meet ADA standards.

Mr. Desilet stated that installation of a grease trap would be required and that impact fees may also be associated with this change of use.

Ms. Forstrom stated that the applicants would need to apply for a Local Business Tax Receipt.

**5.4 Pre-Application: 1014 Atlantic Avenue - Tara Thousand to discuss a tenant using the location as an art gallery and retail space.**

Ms. Thousand introduced the applicants and their vision for the indicated space.

Members discussed the current state of handicapped parking and accessibility.

**5.5 Change of Use: 320 S. 8th Street - Mark Akins to discuss opening a salon in a former athletic gym space.**

Mark Akins inquired about occupancy classifications for the location and indicated that the space would remain business use only.

The applicant stated that a fire exit would be added to the rear of the building and that only hair services would be offered; no nails, facials, and/or massages.

Mr. Beckman stated that the applicant should have the ventilation system checked.

Mr. Platt stated that if a dumpster is added, it will need to be properly enclosed and landscaped.

DRAFT

## 6. NEW BUSINESS

### 6.1 SPR 2020-0007: North 2nd Street Townhomes, CMR - Review Comment Discussion

The applicant addressed prior comments made by TRC members. He stated that the location's high-water table would result in the need for a dry detention pond.

Mr. Desilet stated that structures in the right-of-way should be the same size pipes as new ones being installed. He also added that the current right-of-way structure might need to be replaced as well.

Mr. Lester commented on the current drainage slope and potential standing water. He also spoke to improving the current streetscape. He indicated that the replacement of anything permitted to be planted in the right-of-way will be the responsibility of the property owner, should it ever need to be removed by the city.

The applicant mentioned adding shade trees to meet requirements and add visual appeal and also noted that he would resubmit plan modifications as this project is currently on the November 19, 2020 HDC Agenda.

Mr. Platt stated that the applicant needs to see the property appraiser to restore the underlying lots of record.

Mr. Lester expressed concern about owners parking in front of their homes and blocking the sidewalk. The applicant stated that homeowners would not be able to park in the front area.

Mr. Beckman discussed flood elevations and the placement of HVAC systems accordingly. Additionally, he mentioned that fire separation walls must be rated accordingly. The applicant confirmed that the units will have an R-13 fire sprinkler system.

### 6.2 SPR 2020-0008: WestRock Drop Yard - Review Comment Discussion

Mr. Plat indicated that comments previously made by TRC Members have already been addressed.

## 7. DEVELOPMENT INQUIRIES FROM APPLICANTS NOT ON THE AGENDA - DISCUSSION ONLY, NO ACTION TO BE TAKEN.

### 7.1 Janet Carver, 501 Centre Street, would like to open a primary care clinic with a single examination room, with no plumbing addition but a "camp sink".

Mr. Desilet stated that there may be increased utility impact fees.

Ms. Forstrom stated that the applicant will need to apply for a Local Business Tax Receipt.

### 7.2 Nick Gillette, 307 S. 18th Street, to discuss restoring an underlying lot of record and extend access to Lot 19.

Mr. Platt inquired as to whether there was ever a house present at this location.

Members discussed the rights-of-way and whether they were abandoned. They also discussed the locations of utilities and the quantity of trees that are currently on site.

Mr. Platt discussed Ordinance 2019-18 which pertains to Roadway Construction Standards.

## 8. COMMITTEE BUSINESS

**DRAFT**

8.1 SPR 2020-0010: 14th & Lime Street Retail Building – Sign Off

**9. ADJOURNMENT 11:12**

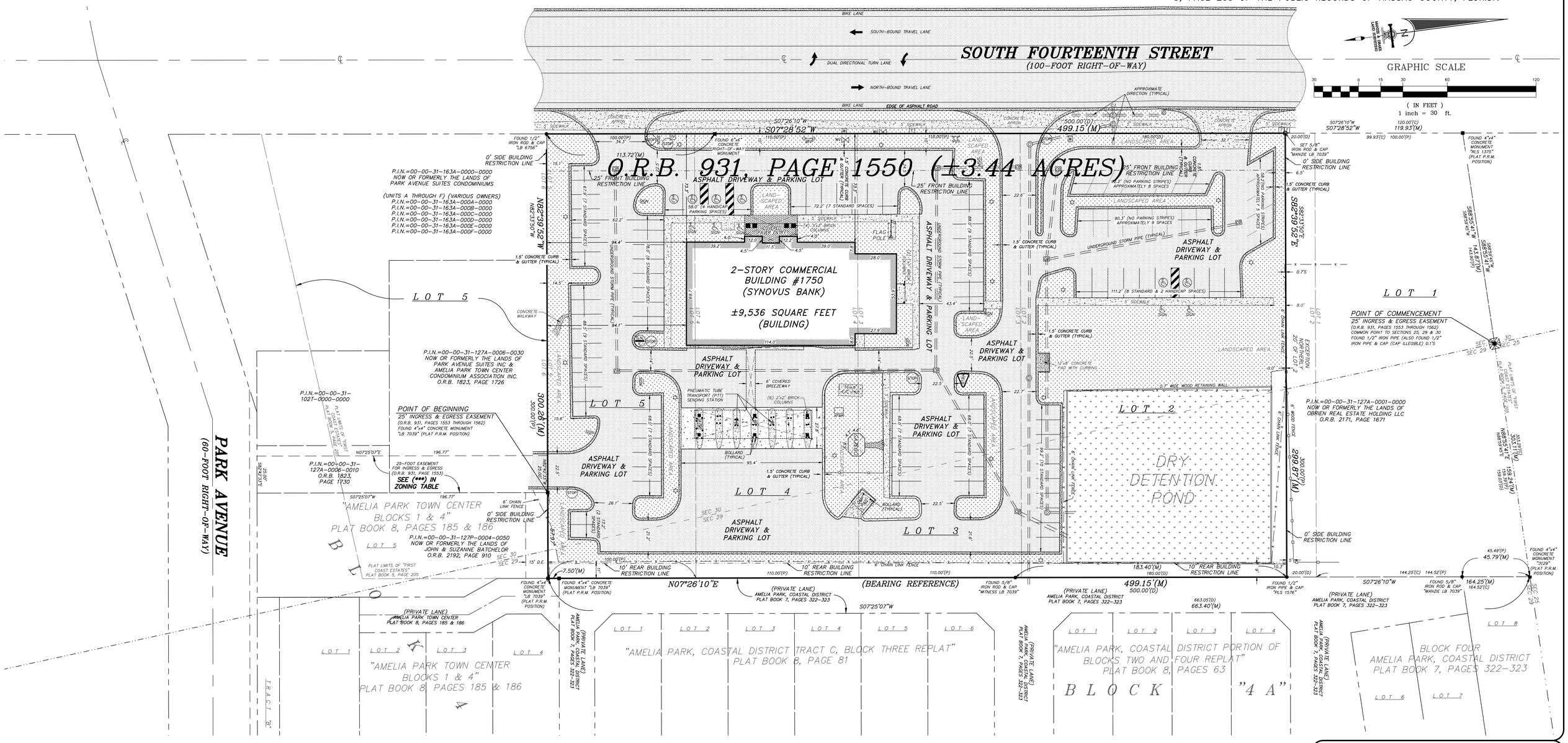
_____

Jacob Platt

REVISIONS:
1. REVISED ON 10/19/2020 TO SHOW ZONING TABLE AND TO GRAPHICALLY SHOW BUILDING RESTRICTION LINES ON MAP. (WKD)
2. REVISED ON 10/29/2020 TO SHOW PERVIOUS & IMPERVIOUS AREA INFORMATION TABLE. (WKD)

# MAP OF ALTA/NSPS LAND TITLE SURVEY

LOT 2, EXCEPT THE NORTHERLY MOST 20 FEET THEREOF, ALL OF LOTS 3, 4 AND 5, FIRST COAST ESTATES, ACCORDING TO PLAT THEREOF RECORDED IN PLAT BOOK 5, PAGE 205 OF THE PUBLIC RECORDS OF NASSAU COUNTY, FLORIDA.




SCHEDULE "B" SECTION II (EXCEPTIONS)
AMERICAN LAND TITLE ASSOCIATION COMMITMENT BY FIDELITY NATIONAL TITLE INSURANCE COMPANY
(ORDER NO. 8690896) COMMITMENT DATE: JULY 16, 2020, 8:00AM

| ITEM NO. | TYPE OF DOCUMENT | RECORDING INFORMATION | SHOWN ON SURVEY | BLANKET | AFFECTS SUBJECT PROPERTY | SURVEYOR NOTES |
|---|---|---|---|---|---|---|
| 5 | GRANT OF EASEMENT FOR INGRESS & EGRESS PURPOSES | O.R.B. 931, PG. 1553 | YES | NO | YES | 25' INGRESS & EGRESS EASEMENT LOCATED NEAR THE SOUTHEAST CORNER OF SUBJECT PROPERTY GIVING ACCESS TO PARK AVENUE. |

## SURVEY NOTES:

1) The "Legal Description" hereon is in accord with the description provided by the client
2) Underground Improvements were not located or shown.
3) American Land Title Association Commitment by Fidelity National Title Insurance, dated 07/16/2020 at 8:00am (Order No. 8690896) was referenced during the preparation of this survey.
4) Bearings shown hereon are based on S07°25'07"W for the easterly line of subject property. The bearing reference line is indicated as thus (BEARING REFERENCE).
5) The property shown hereon lies within flood zone "X" as per F.E.M.A. Flood Insurance Rate Map, Panel "12089C 2039 G", Dated "08/02/2017". Flood Zone information listed above and shown on this survey is provided as a courtesy and is approximate at best. All data should be verified by Nassau County Building Department for accuracy. We assume no liability for its accuracy. Flood Zone information is not covered by the certification hereon and is not required to be shown per Chapter 5J-17, Florida Administrative Code, pursuant to Section 472.027, Florida Statutes.

## LEGEND

- ℄ = CENTERLINE
- A/C = AIR CONDITIONER
- B.R.L. = BUILDING RESTRICTION LINE
- x—x—x= CHAIN LINK OR WIRE FENCE
- HDPE = HIGH-DENSITY POLYETHYLENE
- ESMT = EASEMENT
- O.R.B. = OFFICIAL RECORDS BOOK
- P.R.M.= PERMANENT REFERENCE MONUMENT
- P.I.N. = PARCEL IDENTIFICATION NUMBER
- XFMR = TRANSFORMER
- DMP PAD = DUMPSTER PAD
- (P) = PLAT
- (D) = DEED
- (M) = MEASURED
- (C) = CALCULATED
- PTT = PNEUMATIC TUBE TRANSPORT
- ATM = AUTOMATED TELLER MACHINE
- C.I. = CURB INLET
- CV = CABLE TELEVISION PEDESTAL
- CONC FLT = CONCRETE FLATWORK
- E = ELECTRICITY METER
- = FIRE HYDRANT
- G = GAS METER
- = LIGHT POLE
- = COVERED AREA
- D = STORM MANHOLE
- T = TELEPHONE PEDESTAL
- W = WATER METER
- = 5/8" IRON ROD & CAP (LB 7039) SET
- WV = WATER VALVE
- SIGN = SIGN
- BFP = BACKFLOW PREVENTION SYSTEM
- = SECTION CORNER
- PTT = PNEUMATIC TUBE TRANSPORT SENDING STATION
- = HANDICAP PARKING SIGN
- = HANDICAP PARKING SPOT
- CB = CATCH BASIN
- = YIELD SIGN
- DO NOT ENTER = DO NOT ENTER SIGN
- STOP = STOP SIGN
- = TRAFFIC DIRECTION
- = FLAG POLE
- = WOOD OR VINYL FENCE
- = METAL RAIL FENCE

## ZONING TABLE

PROPERTY ADDRESS: 1750 SOUTH FOURTEETH STREET
FERNANDINA BEACH, FL 32034

ZONING DISTRICT: C-1

DENSITY & HOUSING TYPE INFORMATION: TABLE 4.01.01
MAXIMUM GROSS DENSITY (DWELLING UNITS PER ACRE: PROHIBITED
PERMISSIBLE HOUSING TYPES: PROHIBITED

DESIGN STANDARDS: TABLE 4.02.01(J).
MINIMUM LOT WIDTH: 50-FEET
MAXIMUM IMPERVIOUS SURFACE RATIO: 75%
MAXIMUM FLOOR AREA RATIO: 50%

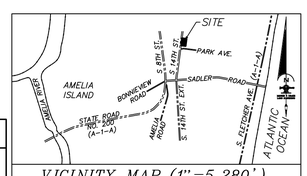
STANDARDS FOR BUILDING HEIGHTS AND SETBACKS: TABLE 4.02.03(E)
MAXIMUM BUILDING HEIGHT: 45-FEET
MINIMUM FRONT SETBACK: 25-FEET
MINIMUM SIDE SETBACK: NONE (***)
MINIMUM REAR SETBACK: 10-FEET

(***) = WHERE ACCESS IS PROVIDED FROM AN ALLEY OR PUBLIC STREET TO THE REAR OF THE PRINCIPAL BUILDING, NO SIDE YARD SETBACK IS REQUIRED. WHERE SUCH ACCESS IS NOT AVAILABLE, ONE (1) SIDE YARD SHALL BE A MINIMUM OF TEN (10). ANY OTHER SIDE YARD SHALL HAVE A MINIMUM SIDE YARD SETBACK OF ZERO (0) FEET.

ZONING INFORMATION LISTED AND SHOWN HEREON IS PER "ZONING CONFIRMATION LETTER FOR 1750 S. 14TH STREET" FROM THE CITY OF FERNANDINA BEACH CITY PLANNER, DAPHNE FOREHAND, DATED OCTOBER 12, 2020.

## PERVIOUS & IMPERVIOUS AREA

| | | |
|---|---|---|
| LOTS 3, 4 & 5 | | |
| AREA | = | 96,044.16 SQUARE FEET |
| PERVIOUS AREA | = | 25,485.07 SQUARE FEET |
| IMPERVIOUS AREA | = | 70,559.09 SQUARE FEET |
| POR OF LOT 2 | | |
| AREA | = | 53,733.12 SQUARE FEET |
| PERVIOUS AREA | = | 33,411.37 SQUARE FEET |
| IMPERVIOUS AREA | = | 20,321.75 SQUARE FEET |
| TOTAL COMBINED | | |
| AREA | = | 149,777.28 SQUARE FEET |
| PERVIOUS AREA | = | 58,896.44 SQUARE FEET |
| IMPERVIOUS AREA | = | 90,880.84 SQUARE FEET |




VICINITY MAP (1"=5,280')

| PROPERTY ADDRESS |
|---|
| 1750 SOUTH FOURTEETH STREET<br>FERNANDINA BEACH, FL 32034 |

| PARKING SPACE TABLE | | | |
|---|---|---|---|
| HANDICAPPED | REGULAR (STRIPED) | REGULAR (NO STRIPING) | TOTAL |
| 6 | 81 | 22 | 109 |

## SURVEYORS CERTIFICATE

THE UNDERSIGNED, BEING A SURVEYOR OF THE STATE OF FLORIDA, CERTIFIES TO: SYNOVUS BANK, N.A.; FIDELITY NATIONAL TITLE INSURANCE COMPANY; TRENAM, KEMKER, SCHARF, BARKIN, FRYE, O'NEIL & MULLIS, P.A., AS FOLLOWS:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 4, 6A, 6B, 7A, 7B1, 8, 9, 11 AND 21 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON 09/11/2020.

THE PARTIES LISTED ABOVE ARE ENTITLED TO RELY ON THE SURVEY AND THIS CERTIFICATE AS BEING TRUE AND ACCURATE.

SCALE: 1"=30'
JOB NO: 21029
DATE: 09/11/2020
CADD: WKD
F.B. NO: X-335
PAGE NO: 37 & 38
FIELD CREW: JM
FILE NO: C-1021

MICHAEL A. MANZIE
DATE SIGNED: 10/29/2020

MICHAEL A. MANZIE
License Number 4069
STATE OF FLORIDA
Professional Land Surveyor


MANZIE & DRAKE LAND SURVEYING
117 South Ninth Street, Fernandina Beach, FL 32034
(904) 491-5700 www.ManzieAndDrake.com
Certificate of Authorization Number "LB 7039"
"OUR SIGHTS ARE ON THE FUTURE, SET YOUR SITES ON US."

# Print

## Technical Review Committee (TRC): Pre-Application Meeting Request - Submission #6300

**Date Submitted: 11/11/2020**

# Technical Review Committee (TRC) Pre-Application Meeting Request

USE THIS FORM TO Submit a project for input and guidance from the Technical Review Committee, the City group responsible for reviewing site plans and commercial projects. TRC pre-application meetings are a free service provided by the City of Fernandina Beach to help guide a project through the development review and permitting process. The TRC pre-application meeting is a meeting between an applicant and representatives of City departments responsible for reviewing applications for the purpose of exchanging information on the potential development of a site. This may include providing information on permissible uses of the site; required improvements; infrastructure requirements; any applicable design standards; any potential regional, state or federal standards; requirements for supporting plans, documents and studies; and any applicable design standards.

**Fees**

None

## IMPORTANT NOTES

A change of use occurs when an existing use is replaced by a different use, as listed in table 2.03.02. A proposed change of use shall be subject to the pre-application conferences as set forth in 11.01.02 A change of use shall not require a local development order when all the conditions of 11.00.05 are met. The determination that a proposed use or development constitutes a change of use is an administrative decision subject to appeal. When a local development order is required due to a proposed change of use, all standards and procedures of the Comprehensive Plan and LDC shall apply to the proposed new use.

**Please see the Land Development Code (LDC) for detailed information:**

- [ ] Local Development Orders for a Change of Use â€“ see LDC Section 11.00.05
- [x] Pre-Application Conference â€“ see LDC section 11.01.02

**The LDC is available for review at**

www.fbfl.us/LDC

**Application Requirements**

- [x] A complete application.
- [x] Site plans or scaled drawings; and
- [x] Any other files that illustrate the proposed project.

**PROPERTY INFORMATION**

Property information can be found at the Nassau County Property Appraiserâ€™s Website â†’ Map Search

**Site Address***

1750 South 14th Street

**City***

FERNANDINA BEACH

**State***

FL

**Zip***

32034

**Parcel ID #(s)***

00-00-31-127A-0002-0000

**Lot**

**Block**

**Subdivision**

**Zoning District***

C-1

**Future Land Use Designation***

General Commercial

**Overlay District**

None

**Size of Property (acres)***

3.44

**Present Property Use***

Bank

**Wetlands***

No

**Flood Zone***

X, area of minimal flood

**Coastal Construction Control Line (CCCL)***

No

## CONTACT INFORMATION

Applicant or interested party who will be present at the meeting.

**First Name***

Matt

**Last Name***

Poling

**Company (if applicable)**

Trenam Law

**Telephone Number***

8132277439

**E-mail Address***

mpoling@trenam.com

## PROJECT INFORMATION

**Project Name**

**Project Type***

Commercial

**Project Description***

Split parcel into two at existing platted lot line between Lots 2 and 3. I can meet by phone, Zoom or other virtual means.

Describe your project in detail

**Proposed Access Road***

S. 14th St

**Rd Maintenance Jurisdiction ***

County Maintained

**Certification***

☑ By signing below, I certify that the information contained in this application is true and correct to the best of my knowledge at the time of the application.

☑ I acknowledge that I understand and have complied with all of the submittal requirements and procedures.

**Applicant First Name***

Matt

**Applicant Last Name***

Poling

**Today's Date***

11/11/2020

**Upload Supporting Documentation***

Survey.PDF

**Upload 2**

Legal Descriptions.docx

**Upload 3**

Choose File No file selecte

**Upload 4**

Choose File No file selecte

**Upload 5**

Choose File No file selecte

# DEPARTMENT OF PLANNING & CONSERVATION

204 Ash Street | Fernandina Beach, Florida 32034 | 904 310-3480 | www.fbfl.us/planning

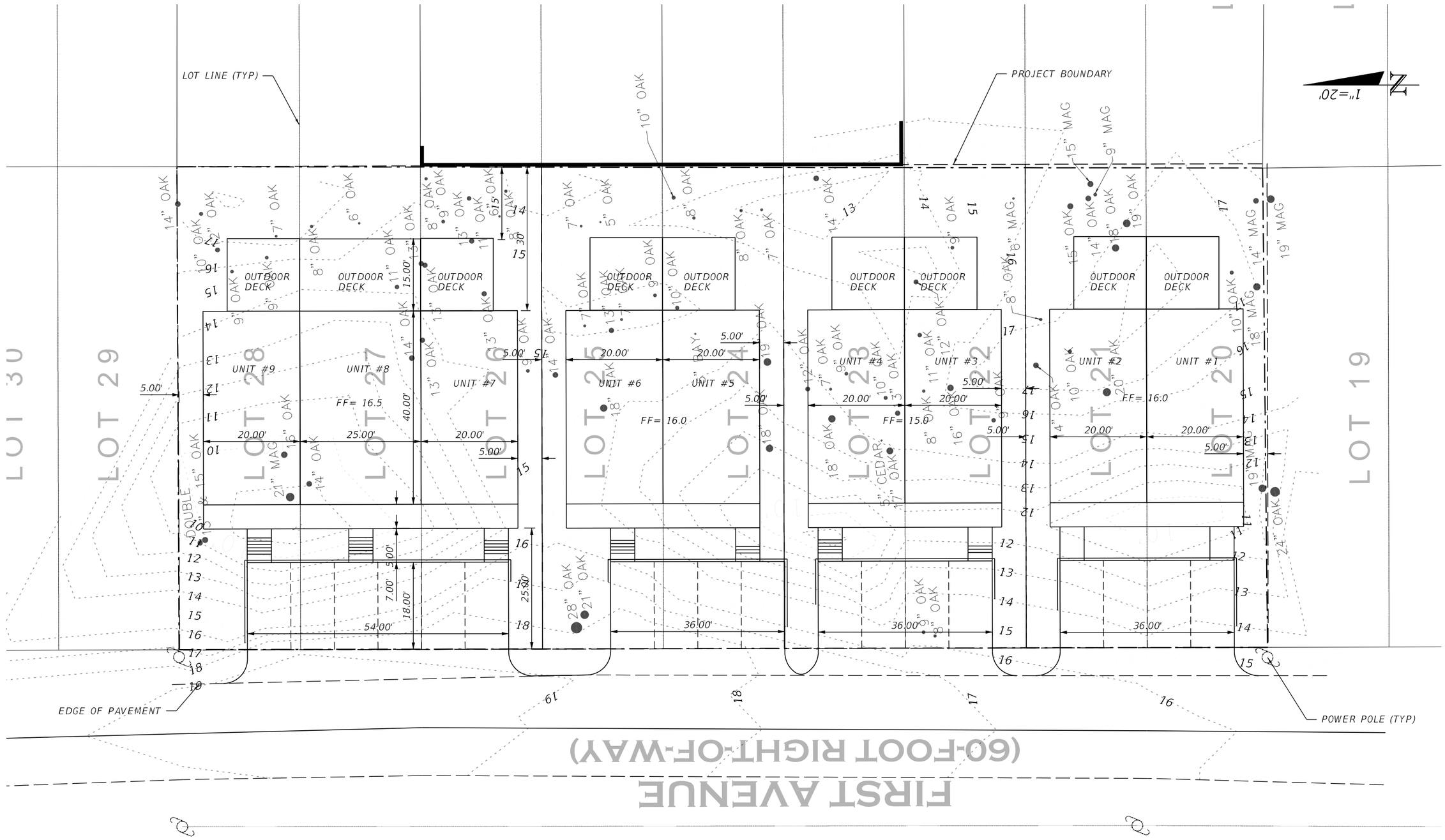
# LEGAL DESCRIPTIONS

Parcel 1

Lot 2, EXCEPT the Northerly most 20 feet thereof, FIRST COAST ESTATES, according to the map or plat thereof, as recorded in Plat Book 5, Page(s) 205, of the Public Records of Nassau County, Florida

Parcel 2

Lots 3, 4 and 5, FIRST COAST ESTATES, according to the map or plat thereof, as recorded in Plat Book 5, Page(s) 205, of the Public Records of Nassau County, Florida




| REVISIONS | | | |
|---|---|---|---|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

STATE OF FLORIDA
CITY OF FERNANDINA BEACH

| ROAD NO. | COUNTY | PROJECT ID |
|---|---|---|
| 1ST AVE | NASSAU | |

# SITE PLAN

SHEET NO.
C-2

11/17/2020 11:26:10 AM DanMcCranie
D:\Worksets\FDOT\FirstAvenue\Roadway\PLANRD01.dgn

# Print

## Technical Review Committee (TRC): Pre-Application Meeting Request - Submission #6329

**Date Submitted: 11/18/2020**

# Technical Review Committee (TRC) Pre-Application Meeting Request

USE THIS FORM TO Submit a project for input and guidance from the Technical Review Committee, the City group responsible for reviewing site plans and commercial projects. TRC pre-application meetings are a free service provided by the City of Fernandina Beach to help guide a project through the development review and permitting process. The TRC pre-application meeting is a meeting between an applicant and representatives of City departments responsible for reviewing applications for the purpose of exchanging information on the potential development of a site. This may include providing information on permissible uses of the site; required improvements; infrastructure requirements; any applicable design standards; any potential regional, state or federal standards; requirements for supporting plans, documents and studies; and any applicable design standards.

**Fees**

None

## IMPORTANT NOTES

A change of use occurs when an existing use is replaced by a different use, as listed in table 2.03.02. A proposed change of use shall be subject to the pre-application conferences as set forth in 11.01.02 A change of use shall not require a local development order when all the conditions of 11.00.05 are met. The determination that a proposed use or development constitutes a change of use is an administrative decision subject to appeal. When a local development order is required due to a proposed change of use, all standards and procedures of the Comprehensive Plan and LDC shall apply to the proposed new use.

**Please see the Land Development Code (LDC) for detailed information:**

- ☐ Local Development Orders for a Change of Use â€“ see LDC Section 11.00.05
- ☐ Pre-Application Conference â€“ see LDC section 11.01.02

**The LDC is available for review at**

www.fbfl.us/LDC

**Application Requirements**

- ☐ A complete application.
- ☐ Site plans or scaled drawings; and
- ☐ Any other files that illustrate the proposed project.

**PROPERTY INFORMATION**

Property information can be found at the Nassau County Property Appraiserâ€™s Website â†’ Map Search

**Site Address***

3420 1st Avenue

**City***

Fernandina Beach

**State***

Florida

**Zip***

32034

**Parcel ID #(s)***

00-00-31-1680-0011-0200

**Lot**

20-28

**Block**

11

**Subdivision**

Seaview

**Zoning District***

R-3

**Future Land Use Designation***

High Density Residential

**Overlay District**

None

**Size of Property (acres)***

0.52

**Present Property Use***

vacant

**Wetlands***

No

**Flood Zone***

X, area of minimal flood

**Coastal Construction Control Line (CCCL)***

No

## CONTACT INFORMATION

Applicant or interested party who will be present at the meeting.

**First Name***

Dan

**Last Name***

McCranie

**Company (if applicable)**

McCranie & Associates

**Telephone Number***

9047538777

**E-mail Address***

dan@mccranie-engineers.com

## PROJECT INFORMATION

**Project Name**

First Avenue Amelia Townhomes

**Project Type***

Residential

**Project Description***

Construct 4 townhomes

Describe your project in detail

**Proposed Access Road***

1st Avenue

**Rd Maintenance Jurisdiction ***

City Maintained

**Certification***

☑ By signing below, I certify that the information contained in this application is true and correct to the best of my knowledge at the time of the application.

☑ I acknowledge that I understand and have complied with all of the submittal requirements and procedures.

**Applicant First Name***

Dan

**Applicant Last Name***

McCranie

**Today's Date***

11/18/2020

**Upload Supporting Documentation***

PLANRD01.pdf

**Upload 2**

Choose File No file selecte

**Upload 3**

Choose File No file selecte

**Upload 4**

Choose File No file selecte

**Upload 5**

Choose File No file selecte

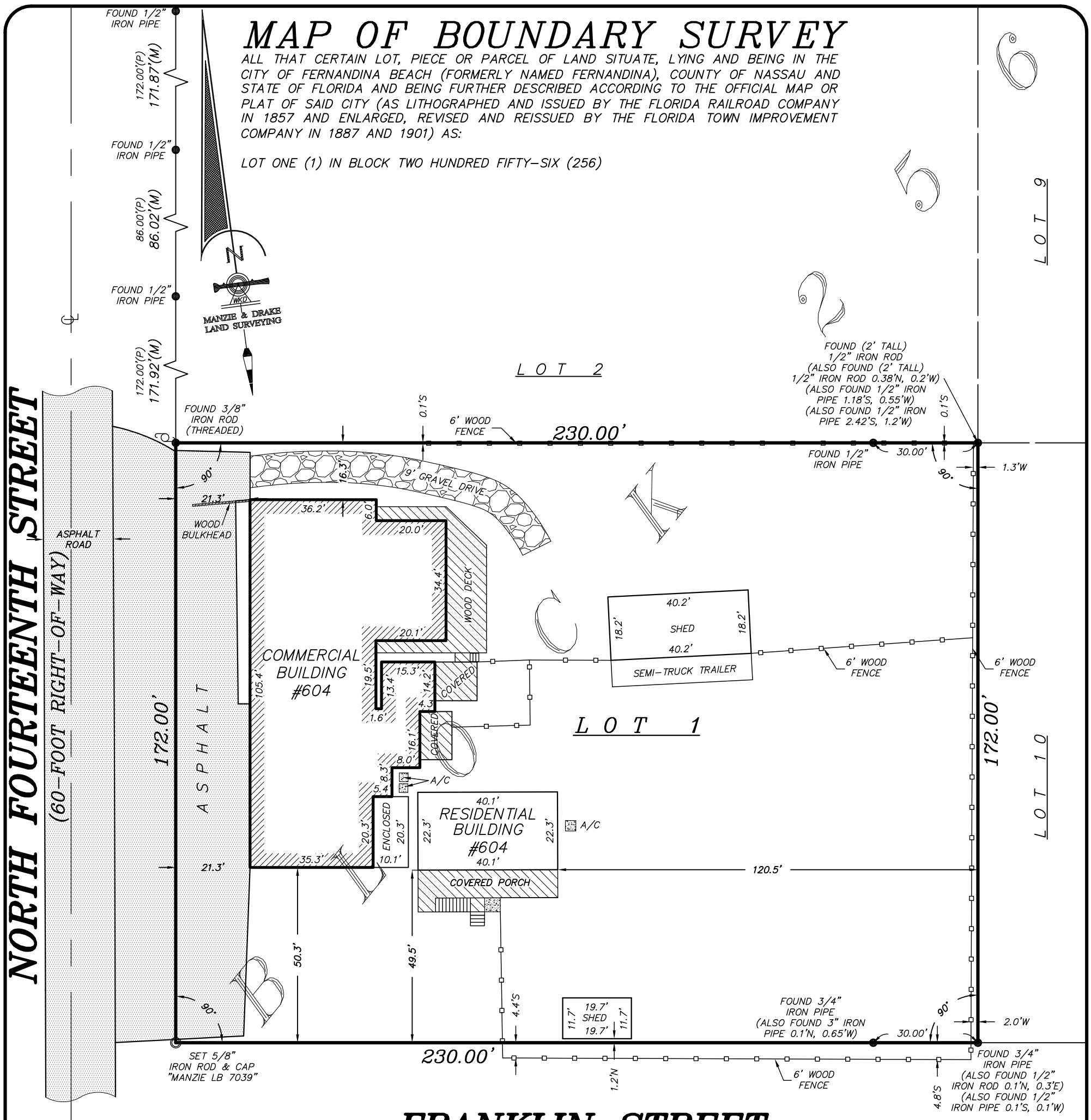
# DEPARTMENT OF PLANNING & CONSERVATION

204 Ash Street | Fernandina Beach, Florida 32034 | 904 310-3480 | www.fbfl.us/planning

# MAP OF BOUNDARY SURVEY

ALL THAT CERTAIN LOT, PIECE OR PARCEL OF LAND SITUATE, LYING AND BEING IN THE CITY OF FERNANDINA BEACH (FORMERLY NAMED FERNANDINA), COUNTY OF NASSAU AND STATE OF FLORIDA AND BEING FURTHER DESCRIBED ACCORDING TO THE OFFICIAL MAP OR PLAT OF SAID CITY (AS LITHOGRAPHED AND ISSUED BY THE FLORIDA RAILROAD COMPANY IN 1857 AND ENLARGED, REVISED AND REISSUED BY THE FLORIDA TOWN IMPROVEMENT COMPANY IN 1887 AND 1901) AS:

LOT ONE (1) IN BLOCK TWO HUNDRED FIFTY-SIX (256)




## SURVEY NOTES:

1) The "Legal Description" hereon is in accord with the description provided by the client.
2) Underground improvements were not located or shown.
3) Lands shown hereon were not abstracted by this office for easements, rights-of-way, ownership or other instruments of record.
4) Internal lot angles shown hereon are based on recovered monumentation.
5) "Unless it bears the signature and the original raised seal of a Florida licensed surveyor and mapper, this map/report is for informational purposes only and is not valid."
6) The property shown hereon lies within flood zone "X" as per F.E.M.A. Flood Insurance Rate Map, Panel 12089C 0237 F, Dated 12/17/2010. Flood Zone information listed above and shown on this survey is provided as a courtesy and is approximate at best All data should be verified by Nassau County Building Department for accuracy. We assume no liability for its accuracy. Flood Zone information is not covered by the certification hereon and is not required to be shown per Chapter 5J-17, Florida Administrative Code, pursuant to Section 472.027, Florida Statutes.
7) **This survey is protected by copyright and is certified only to the entities listed and only for this particular transaction. Any use or reproduction of this survey without the express written permission of the surveyor is prohibited. Use of this survey in any subsequent transactions is expressly prohibited and is not authorized. The surveyor expressly disclaims any certification to any parties in future transactions. No entity other than those listed should rely upon this survey.**

COPYRIGHT © 2015 BY MANZIE AND DRAKE LAND SURVEYING

CERTIFIED TO:
AMELIA ISLAND, LLC
ANDREA F. LENNON, P.A.
FIRST AMERICAN TITLE INSURANCE COMPANY

PROPERTY ADDRESS:
604 NORTH FOURTEENTH STREET
FERNANDINA BEACH, FL 32034

LEGEND
A/C = AIR CONDITIONER
℄ = CENTERLINE
= CONCRETE FLATWORK
= WOOD FENCE
= WOOD FLATWORK
= WOOD POWER POLE
= 5/8" IRON ROD & CAP (LB 7039) SET

THE INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

MICHAEL A. MANZIE, P.L.S. 4069

MANZIE & DRAKE LAND SURVEYING
117 South Ninth Street, Fernandina Beach, FL 32034
(904) 491-5700 FAX (904) 491-5777
Certificate of Authorization Number "LB 7039"
"OUR ***SIGHTS*** ARE ON THE FUTURE, SET YOUR ***SITES*** ON US."

SCALE: 1"=30' JOB NO: 14192 DATE: 4/27/14 CADD: WKD
F.B. NO: X-276 PAGE NO: 64 FIELD CREW: CB FILE NO: A-232-A

## GENERAL NOTES

PROPERTY NOTES:

- PID#: 00-00-31-1800-0256-0010
- PROPERTY ACREAGE: 0.91 AC (39,560 SF)
- LOCATION: FERNANDINA BEACH, FL
- FLOOD ZONE: X
- ZONING: C-1
- FUTURE LAND USE: GENERAL COMMERCIAL
- PROPOSED USE: PROFESSIONAL OFFICE/COMMERCIAL
- MAXIMUM BUILDING HEIGHT: 45'

DEVELOPMENT REQUIREMENTS:

- PROFESSIONAL OFFICE/COMMERCIAL BLDG: 5,100 SF
- MAXIMUM IMPERVIOUS AREA: 60%
- IMPERVIOUS AREA SHOWN: 30%
- ALLOWED (F.A.R.) PERCENTAGE: 150%
- FLOOR AREA RATIO (F.A.R.) PERCENTAGE: 15.3%

SETBACK REQUIREMENTS:

- FRONT: 0 FEET
- SIDE: (SOUTH- CORNER LOT ABUTTING STREET:10 FEET)
  (NORTH- ACCESS TO REAR BLDG: 0 FEET)
- REAR: 10 FEET

PARKING REQUIREMENTS:

1 SPACE / 300 SF OFFICE/COMMERCIAL SPACE
5100 SF / 300 SF = 17 SPACES
ADA: 1 SPACE

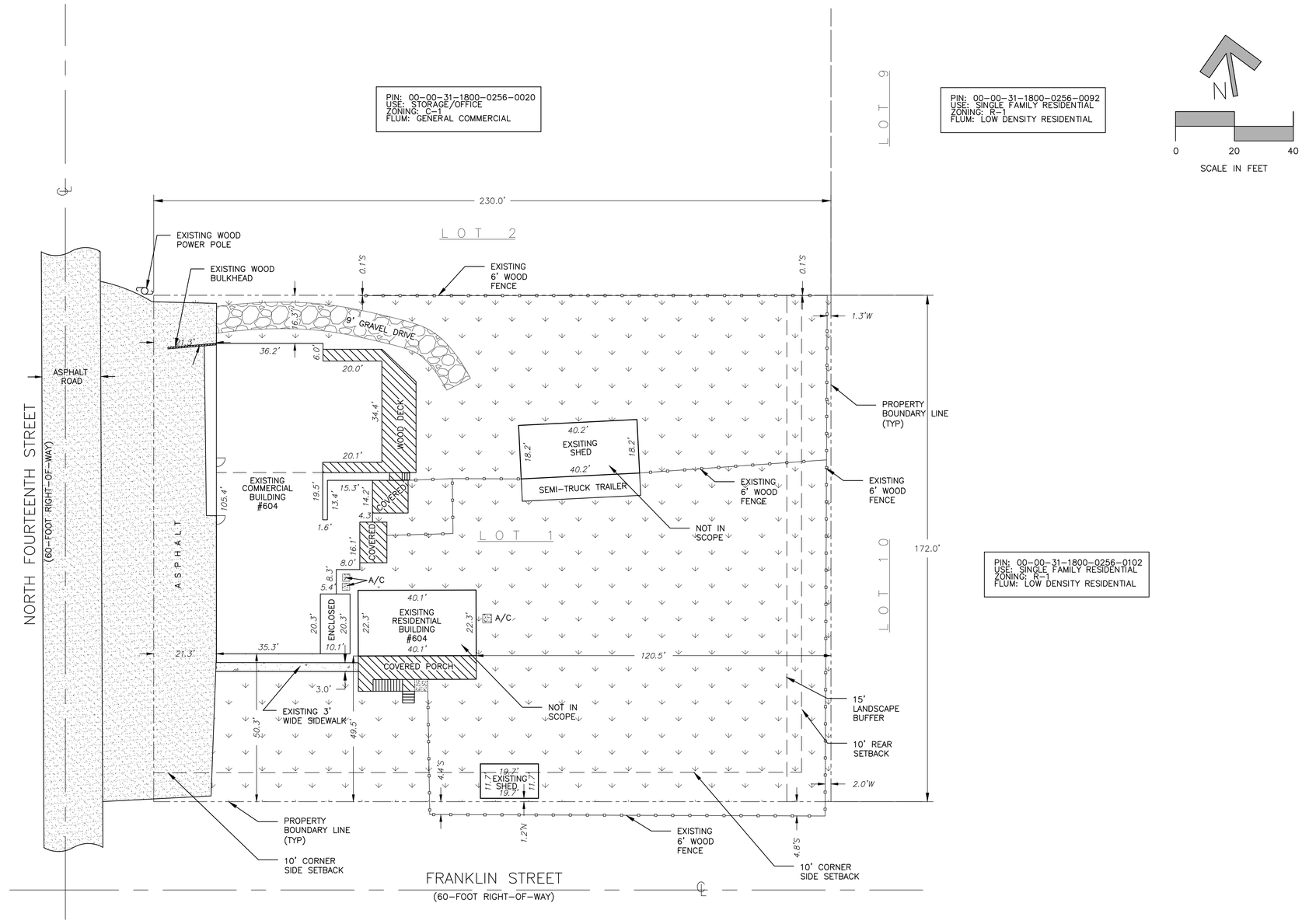
LANDSCAPE BUFFER REQUIREMENTS:

NORTH: NONE
EAST: R-1, 15 FEET BUFFER

UTILITIES:

- WATER: CITY OF FERNANDINA BEACH
- SEWER: CITY OF FERNANDINA BEACH
- POWER: F.P.U.

NEAREST FIRE HYDRANT IS LOCATED 54 FEET WEST OF PROPERTY AT CORNER OF NORTH 14TH STREET AND FRANKLIN STREET




LEGEND

ASPHALT | CONCRETE | GRAVEL | GRASS

| No. | By | Date | Revision |
|---|---|---|---|
| K | | | |
| J | | | |
| I | | | |
| H | | | |
| G | | | |
| F | | | |
| E | | | |
| D | | | |
| C | | | |
| B | | | |
| A | AB | 11/25/20 | OWNER REVIEW |

Scale: 1:20
Project Mgr: AG
Designed by: AG
Drawn by: AB
QA/QC: NG

Gillette & Associates, Inc.
20 South 4th Street
Fernandina Beach, FL 32034

Certificate of Authorization No. 9332

DO NOT SCALE THIS DRAWING – DIMENSIONS AND NOTES TAKE PREFERENCE. DRAWING IS REDUCED IF LESS THAN 22" x 34"

G & A
GILLETTE & ASSOCIATES, INC
20 SOUTH 4TH STREET
FERNANDINA BEACH, FL 32034
PHONE: (904) 261-8819

CARVALHO PROPERTY
604 NORTH 14TH STREET
FERNANDINA BEACH, FLORIDA

CARVALHO SITE PLAN

PREDEVELOPMENT SITE PLAN

REGISTERED DESIGN PROFESSIONAL
ASA R. GILLETTE, P.E.
FLORIDA P.E. NO. 56177

DATE: 11/25/20
Sheet PRE-1
Page 1 of 2
Project No. 20-#-#

## GENERAL NOTES

PROPERTY NOTES:

- PID#: 00-00-31-1800-0256-0010
- PROPERTY ACREAGE: 0.91 AC (39,560 SF)
- LOCATION: FERNANDINA BEACH, FL
- FLOOD ZONE: X
- ZONING: C-1
- FUTURE LAND USE: GENERAL COMMERCIAL
- PROPOSED USE: PROFESSIONAL OFFICE/COMMERCIAL
- MAXIMUM BUILDING HEIGHT: 45'

DEVELOPMENT REQUIREMENTS:

- PROFESSIONAL OFFICE/COMMERCIAL BLDG: 5,100 SF
- MAXIMUM IMPERVIOUS AREA: 60%
- IMPERVIOUS AREA SHOWN: 44%
- ALLOWED (F.A.R.) PERCENTAGE: 150%
- FLOOR AREA RATIO (F.A.R.) PERCENTAGE: 15.3%

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- FRONT: 0 FEET
- SIDE: (SOUTH- CORNER LOT ABUTTING STREET:10 FEET)
  (NORTH- ACCESS TO REAR BLDG: 0 FEET)
- REAR: 10 FEET

PARKING REQUIREMENTS:

1 SPACE / 300 SF OFFICE/COMMERCIAL SPACE
5100 SF / 300 SF = 17 SPACES
17 SPACES PROVIDED
ADA: 1 SPACE

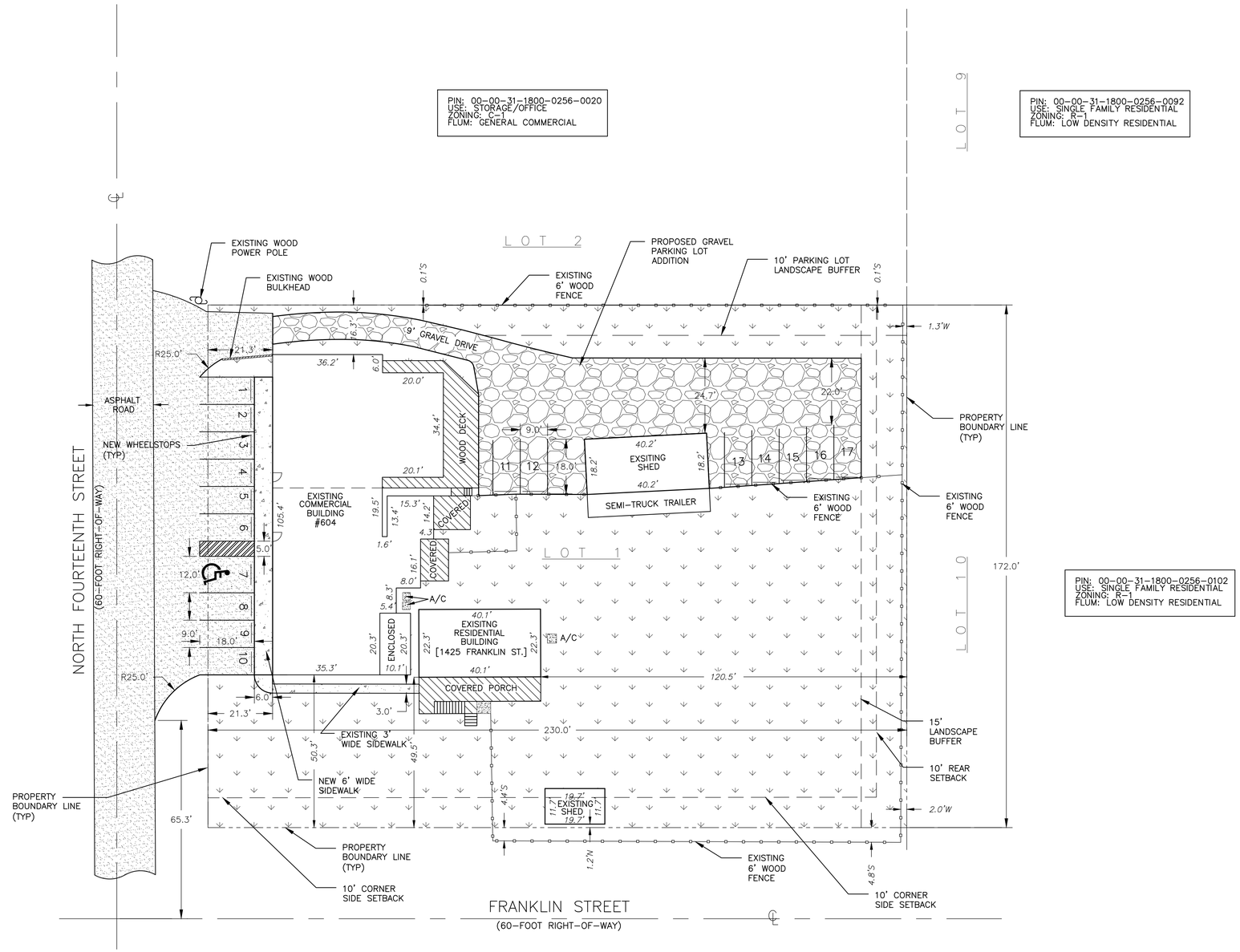
LANDSCAPE BUFFER REQUIREMENTS:

NORTH: 10 FEET PARKING LOT BUFFER
EAST: R-1, 15 FEET BUFFER

UTILITIES:

- WATER: CITY OF FERNANDINA BEACH
- SEWER: CITY OF FERNANDINA BEACH
- POWER: F.P.U.

NEAREST FIRE HYDRANT IS LOCATED 54 FEET WEST OF PROPERTY AT CORNER OF NORTH 14TH STREET AND FRANKLIN STREET




LEGEND

ASPHALT | CONCRETE | GRAVEL | GRASS

| No. | By | Date | Revision |
|---|---|---|---|
| K | | | |
| J | | | |
| I | | | |
| H | | | |
| G | | | |
| F | | | |
| E | | | |
| D | | | |
| C | | | |
| B | | | |
| A | AB | 11/25/20 | OWNER REVIEW |

Scale: 1:20
Project Mgr: AG
Designed by: AG
Drawn by: AB
QA/QC: NG

Gillette & Associates, Inc.
20 South 4th Street
Fernandina Beach, FL 32034

Certificate of Authorization No. 9332

DO NOT SCALE THIS DRAWING – DIMENSIONS AND NOTES TAKE PREFERENCE. DRAWING IS REDUCED IF LESS THAN 22" x 34"

G & A
GILLETTE & ASSOCIATES, INC
20 SOUTH 4TH STREET
FERNANDINA BEACH, FL 32034
PHONE: (904) 261-8819

CARVALHO PROPERTY
604 NORTH 14TH STREET
FERNANDINA BEACH, FLORIDA

CARVALHO SITE PLAN

PROPOSED GEOMETRY SITE PLAN

REGISTERED DESIGN PROFESSIONAL
ASA R. GILLETTE, P.E.
FLORIDA P.E. NO. 56177

DATE: 11/25/20
Sheet GE-1
Page 2 of 2
Project No. 20-#-#

# Print

# Technical Review Committee (TRC): Pre-Application Meeting Request - Submission #6382

**Date Submitted: 11/30/2020**

# Technical Review Committee (TRC) Pre-Application Meeting Request

USE THIS FORM TO Submit a project for input and guidance from the Technical Review Committee, the City group responsible for reviewing site plans and commercial projects. TRC pre-application meetings are a free service provided by the City of Fernandina Beach to help guide a project through the development review and permitting process. The TRC pre-application meeting is a meeting between an applicant and representatives of City departments responsible for reviewing applications for the purpose of exchanging information on the potential development of a site. This may include providing information on permissible uses of the site; required improvements; infrastructure requirements; any applicable design standards; any potential regional, state or federal standards; requirements for supporting plans, documents and studies; and any applicable design standards.

**Fees**

None

## IMPORTANT NOTES

A change of use occurs when an existing use is replaced by a different use, as listed in table 2.03.02. A proposed change of use shall be subject to the pre-application conferences as set forth in 11.01.02 A change of use shall not require a local development order when all the conditions of 11.00.05 are met. The determination that a proposed use or development constitutes a change of use is an administrative decision subject to appeal. When a local development order is required due to a proposed change of use, all standards and procedures of the Comprehensive Plan and LDC shall apply to the proposed new use.

**Please see the Land Development Code (LDC) for detailed information:**

- [ ] Local Development Orders for a Change of Use â€“ see LDC Section 11.00.05
- [x] Pre-Application Conference â€“ see LDC section 11.01.02

**The LDC is available for review at**

www.fbfl.us/LDC

**Application Requirements**

- [ ] A complete application.
- [ ] Site plans or scaled drawings; and
- [ ] Any other files that illustrate the proposed project.

**PROPERTY INFORMATION**

Property information can be found at the Nassau County Property Appraiserâ€™s Website â†’ Map Search

**Site Address***

604 North 14th Street

**City***

Fernandina Beach

**State***

Florida

**Zip***

32034

**Parcel ID #(s)***

00-00-31-1800-0256-0010

**Lot**

1

**Block**

256

**Subdivision**

**Zoning District***

C-1

**Future Land Use Designation***

General Commercial

**Overlay District**

None

**Size of Property (acres)***

0.91

**Present Property Use***

Commercial Office

**Wetlands***

No

**Flood Zone***

X, 0.2 % chance flood l

**Coastal Construction Control Line (CCCL)***

No

## CONTACT INFORMATION

Applicant or interested party who will be present at the meeting.

**First Name***

Asa

**Last Name***

Gillette

**Company (if applicable)**

Gillette & Associates, Inc.

**Telephone Number***

904-261-8819

**E-mail Address***

asa@gilletteassociates.com

## PROJECT INFORMATION

**Project Name**

604 North 14th Street

**Project Type***

Commercial

**Project Description***

Site compliance for mixed used occupancy for an existing commercial building

Describe your project in detail

**Proposed Access Road***

North 14th Street

**Rd Maintenance Jurisdiction ***

City Maintained

**Certification***

☑ By signing below, I certify that the information contained in this application is true and correct to the best of my knowledge at the time of the application.

☑ I acknowledge that I understand and have complied with all of the submittal requirements and procedures.

**Applicant First Name***

Asa

**Applicant Last Name***

Gillette

**Today's Date***

11/30/2020

**Upload Supporting Documentation***

Carvalho_N14_11_25.pdf

**Upload 2**

14192.pdf

**Upload 3**

Choose File No file selecte

**Upload 4**

Choose File No file selecte

**Upload 5**

Choose File No file selecte

# DEPARTMENT OF PLANNING & CONSERVATION

204 Ash Street | Fernandina Beach, Florida 32034 | 904 310-3480 | www.fbfl.us/planning

CRANE ISLAND
AMELIA ISLAND, FLORIDA

December 1st, 2020

City of Fernandina Beach
Planning & Conservation Division
Kelly Gibson, AICP

Dear Mrs. Gibson,

On behalf of Crane Island, I would like to respectfully submit our interest to use the standing warehouse facility located on our Bailey Road Location – Parcel 00-00-30-044B-0052-0000. This former building was used for vehicle maintenance and repair for Nassau County. We would like to use the facility under the zoning use of Manufacturing – Artisan to create a wood working facility to support Crane Island Development.

The goal of this facility is to create an artisan wood working facility to create the ornamental details for residential homes to include shutters, corbels, picket details for porches and a host of other details to embellish on the details often seen in historic downtown homes. The facility will only be accessed by those conducting the work and Builders & Trade Members receiving those products. Lastly, in the event a tree is harvested from Crane Island as part of the Development effort, we would look to salvage any of that material to be used for furniture or ornamental details for the community.

We are excited about this potential and we seek the City's support for this use.

Warm Regards,

John A. Hillman
Vice President
Broker

Attachments:
- Site Location

Building Location – Just behind the Sales Cottage at 3163 Bailey Road.

TRIM Notice

00-00-30-044B-0052-0000
14.86
15.5
OFFICE BUI

# Print

## Technical Review Committee (TRC): Pre-Application Meeting Request - Submission #6391

**Date Submitted: 12/1/2020**

# Technical Review Committee (TRC) Pre-Application Meeting Request

USE THIS FORM TO Submit a project for input and guidance from the Technical Review Committee, the City group responsible for reviewing site plans and commercial projects. TRC pre-application meetings are a free service provided by the City of Fernandina Beach to help guide a project through the development review and permitting process. The TRC pre-application meeting is a meeting between an applicant and representatives of City departments responsible for reviewing applications for the purpose of exchanging information on the potential development of a site. This may include providing information on permissible uses of the site; required improvements; infrastructure requirements; any applicable design standards; any potential regional, state or federal standards; requirements for supporting plans, documents and studies; and any applicable design standards.

**Fees**

None

## IMPORTANT NOTES

A change of use occurs when an existing use is replaced by a different use, as listed in table 2.03.02. A proposed change of use shall be subject to the pre-application conferences as set forth in 11.01.02 A change of use shall not require a local development order when all the conditions of 11.00.05 are met. The determination that a proposed use or development constitutes a change of use is an administrative decision subject to appeal. When a local development order is required due to a proposed change of use, all standards and procedures of the Comprehensive Plan and LDC shall apply to the proposed new use.

**Please see the Land Development Code (LDC) for detailed information:**

- ☐ Local Development Orders for a Change of Use â€“ see LDC Section 11.00.05
- ☐ Pre-Application Conference â€“ see LDC section 11.01.02

**The LDC is available for review at**

www.fbfl.us/LDC

**Application Requirements**

- ☐ A complete application.
- ☐ Site plans or scaled drawings; and
- ☐ Any other files that illustrate the proposed project.

**PROPERTY INFORMATION**

Property information can be found at the Nassau County Property Appraiserâ€™s Website â†’ Map Search

**Site Address***

3163 Bailey Road

**City***

Fernandina Beach

**State***

FL

**Zip***

32034

**Parcel ID #(s)***

00-00-30-044B-0052-0000

**Lot**

LOTS 52 65 99 & 100

**Block**

**Subdivision**

**Zoning District***

I-2

**Future Land Use Designation***

Industrial

**Overlay District**

None

**Size of Property (acres)***

15.5

**Present Property Use***

Idle Industrial. Former Warehouse / Maintenance Use. Looking for Manufacturing - Artisan

**Wetlands***

No

**Flood Zone***

X, area of minimal flood

**Coastal Construction Control Line (CCCL)***

No

## CONTACT INFORMATION

Applicant or interested party who will be present at the meeting.

**First Name***

John

**Last Name***

Hillman

**Company (if applicable)**

The Range At Crane Island, LLC

**Telephone Number***

843-475-6686

**E-mail Address***

john@craneisland.com

## PROJECT INFORMATION

**Project Name**

Crane Island - Woodworking Shop

**Project Type***

Commercial

**Project Description***

Crane Island is looking to adapt the use of the former warehouse building into a woodworking shop to support the residential construction efforts of Crane Island Development. We are looking to support artisanal woodworking (cabinets, corbels, shutters, doors, trim details for the homes) to be made here. We will also look to mill and create products from any trees harvested from Crane Island to make products from those materials.

Describe your project in detail

**Proposed Access Road***

Bailey Road

**Rd Maintenance Jurisdiction ***

City Maintained

Certification*

☑ By signing below, I certify that the information contained in this application is true and correct to the best of my knowledge at the time of the application.

☑ I acknowledge that I understand and have complied with all of the submittal requirements and procedures.

Applicant First Name*

John

Applicant Last Name*

Hillman

Today's Date*

12/1/2020

Upload Supporting Documentation*

Crane Island Woodworking Shop.pdf

Upload 2

Choose File No file selecte

Upload 3

Choose File No file selecte

Upload 4

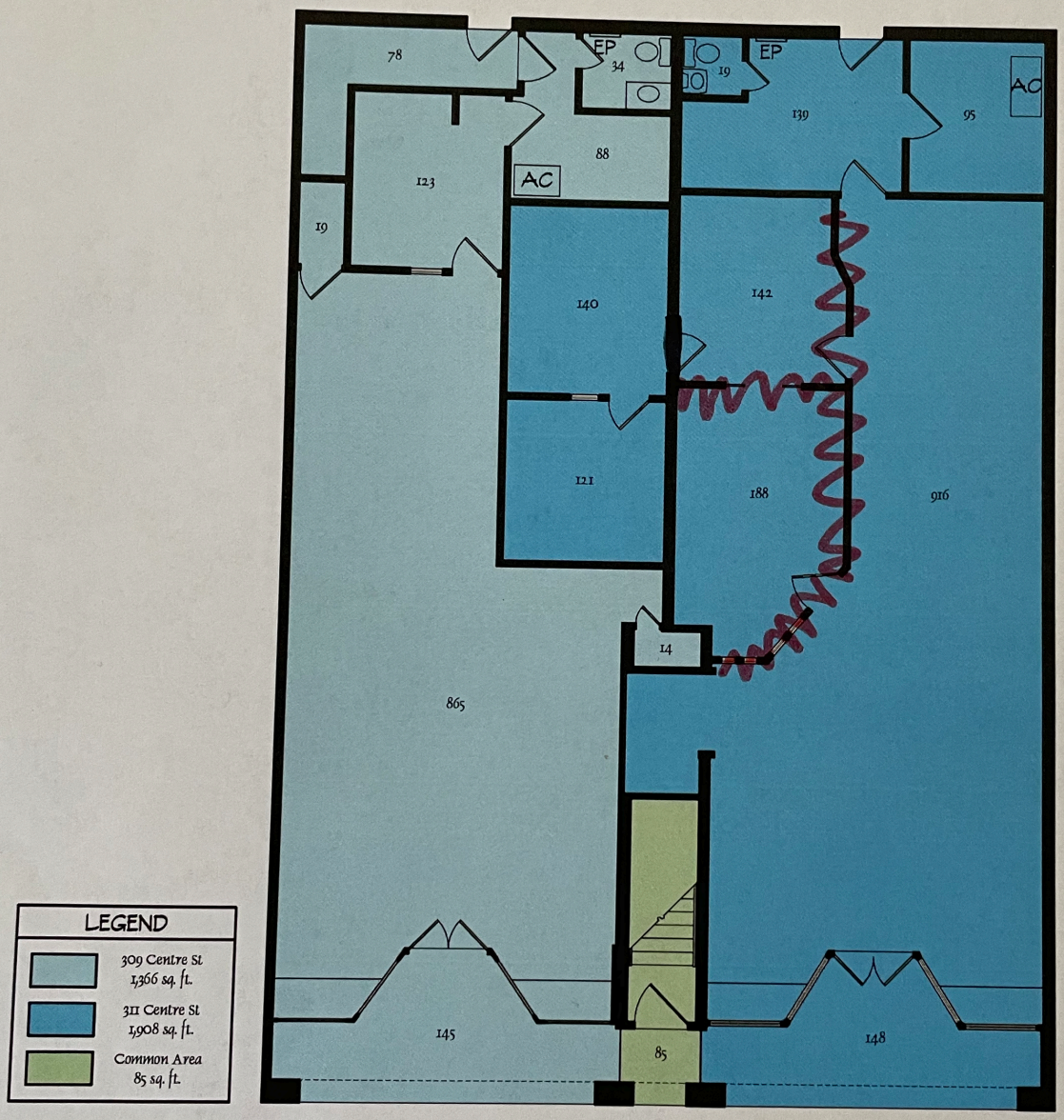
Choose File No file selecte

Upload 5

Choose File No file selecte

# DEPARTMENT OF PLANNING & CONSERVATION

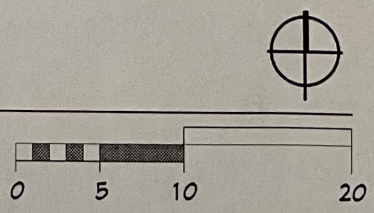
204 Ash Street | Fernandina Beach, Florida 32034 | 904 310-3480 | www.fbfl.us/planning

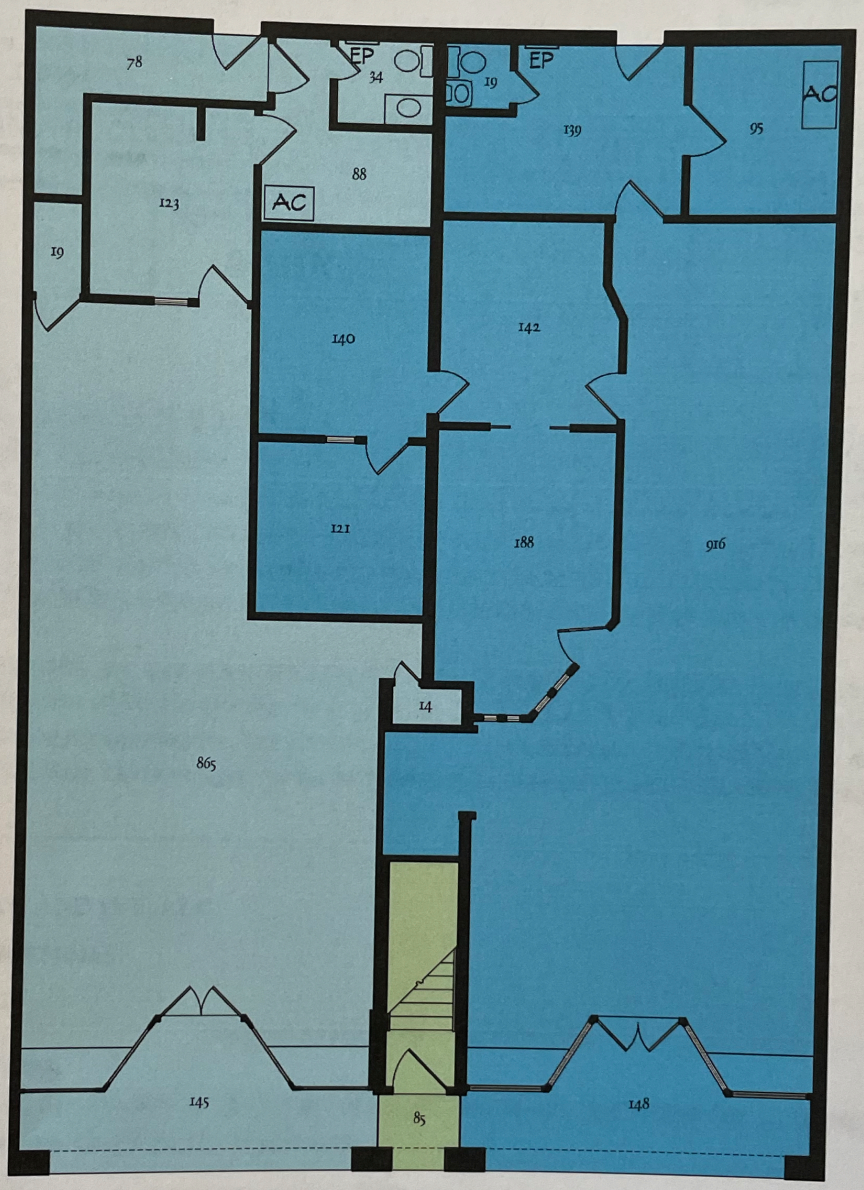



NOTE: SQUARE FOOT CALCULATIONS DO NOT INCLUDE THE EXTERIOR WALL SYSTEM. INTERIOR SPACES ARE MEASURED FROM CENTERLINE OF INTERIOR WALLS AT SHARED WALLS.

# 311 CENTRE STREET, FIRST FLOOR

MIRANDA ARCHITECTS
10/12/2012






LEGEND

309 Centre St
1,366 sq. ft.

311 Centre St
1,908 sq. ft.

Common Area
85 sq. ft.

NOTE: SQUARE FOOT CALCULATIONS DO NOT INCLUDE THE EXTERIOR WALL SYSTEM. INTERIOR SPACES ARE MEASURED FROM CENTERLINE OF INTERIOR WALLS AT SHARED WALLS.

# 311 CENTRE STREET, FIRST FLOOR

MIRANDA ARCHITECTS
10/12/2012

0 5 10 20

# Print

## Technical Review Committee (TRC): Pre-Application Meeting Request - Submission #6392

**Date Submitted: 12/1/2020**

# Technical Review Committee (TRC) Pre-Application Meeting Request

USE THIS FORM TO Submit a project for input and guidance from the Technical Review Committee, the City group responsible for reviewing site plans and commercial projects. TRC pre-application meetings are a free service provided by the City of Fernandina Beach to help guide a project through the development review and permitting process. The TRC pre-application meeting is a meeting between an applicant and representatives of City departments responsible for reviewing applications for the purpose of exchanging information on the potential development of a site. This may include providing information on permissible uses of the site; required improvements; infrastructure requirements; any applicable design standards; any potential regional, state or federal standards; requirements for supporting plans, documents and studies; and any applicable design standards.

**Fees**

None

## IMPORTANT NOTES

A change of use occurs when an existing use is replaced by a different use, as listed in table 2.03.02. A proposed change of use shall be subject to the pre-application conferences as set forth in 11.01.02 A change of use shall not require a local development order when all the conditions of 11.00.05 are met. The determination that a proposed use or development constitutes a change of use is an administrative decision subject to appeal. When a local development order is required due to a proposed change of use, all standards and procedures of the Comprehensive Plan and LDC shall apply to the proposed new use.

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- ☐ Pre-Application Conference â€“ see LDC section 11.01.02

**The LDC is available for review at**

www.fbfl.us/LDC

**Application Requirements**

- ☐ A complete application.
- ☐ Site plans or scaled drawings; and
- ☐ Any other files that illustrate the proposed project.

**PROPERTY INFORMATION**

Property information can be found at the Nassau County Property Appraiserâ€™s Website â†’ Map Search

**Site Address***

311 Centre Street

**City***

Fernandina Beach

**State***

Florida

**Zip***

32034

**Parcel ID #(s)***

00-00-31-1800-0014-0300

**Lot**

**Block**

**Subdivision**

**Zoning District***

C-3

**Future Land Use Designation***

General Commercial

**Overlay District**

Downtown Historic District

**Size of Property (acres)***

.14

**Present Property Use***

Real Estate Office-Coldwell Bankers

**Wetlands***

No

**Flood Zone***

X, area of minimal flood

**Coastal Construction Control Line (CCCL)***

No

## CONTACT INFORMATION

Applicant or interested party who will be present at the meeting.

**First Name***

Kelly

**Last Name***

Purko

**Company (if applicable)**

Teak and Ivy

**Telephone Number***

7062845115

**E-mail Address***

kellypurko@gmail.com

## PROJECT INFORMATION

**Project Name**

Teak and Ivy

**Project Type***

Commercial

**Project Description***

Remove 4 non load-bearing walls that were previously used as offices, thus opening the space to essentially be a complete rectangle for retail use. One wall (currently being used as a door to access back offices on the far left which measure 140 sq ft and 121 sq ft) will be closed in. Those offices will now be used by the store to the left of 311 Centre. Kitchen, bath, and back storage room will remain untouched. Sheetrock will be removed to reveal brick (if it is found behind the sheetrock). The current inset/nook on the left as you enter the property will be conformed to a dressing room.

Describe your project in detail

**Proposed Access Road***

Centre Street

**Rd Maintenance Jurisdiction ***

City Maintained

**Certification***

☑ By signing below, I certify that the information contained in this application is true and correct to the best of my knowledge at the time of the application.

☑ I acknowledge that I understand and have complied with all of the submittal requirements and procedures.

**Applicant First Name***

Kelly

**Applicant Last Name***

Purko

**Today's Date***

12/1/2020

**Upload Supporting Documentation***

311 Centre Before.pdf

**Upload 2**

311 Centre After.pdf

**Upload 3**

Choose File No file selecte

**Upload 4**

Choose File No file selecte

**Upload 5**

Choose File No file selecte

# DEPARTMENT OF PLANNING & CONSERVATION

204 Ash Street | Fernandina Beach, Florida 32034 | 904 310-3480 | www.fbfl.us/planning

# SITE CONSTRUCTION PLANS

# PAXTON AUTOMOTIVE MARKETING

PREPARED FOR:
PARKER CONTRACTING, INC.
1035 ISLE OF PALMS LN.
FERNANDINA BEACH, FLORIDA 32034

ROBERTS
CIVIL ENGINEERING
WWW.ROBERTSCIVILENGINEERING.COM


301 SEA ISLAND ROAD, SUITE 10
ST. SIMONS ISLAND, GA 31522
912-638-9681

6001 CHATHAM CENTER DRIVE, SUITE 255
SAVANNAH, GA 31405
912-298-7006

14600 WHIRLWIND AVENUE, SUITE 119A
JACKSONVILLE, FL 32218
904-741-0099 (Office)


JONATHAN MCDILL
LICENSE
NO. 88790
STATE OF FLORIDA
PROFESSIONAL ENGINEER
10/19/2020

Know what's below.
Call before you dig.

VICINITY MAP NTS

FERNANDINA BEACH, FLORIDA

PAXTON AUTOMOTIVE MARKETING

| OWNER | ENGINEER |
|---|---|
| PARKER CONTRACTING, INC. | ROBERTS CIVIL ENGINEERING |
| CONTACT | CONTACT |
| ASHLEY MCGUFFEE | JONATHAN MCDILL, P.E. |
| EMAIL | EMAIL |
| PARKINGCONTRACTINGINC@GMAIL.COM | JMCDILL@ROBERTSCIVILENGINEERING.COM |

| # | REVISIONS |
|---|---|
| 1 | 2020-08-04: REVISIONS PER CITY COMMENTS |
| 2 | 2020-10-19: REVISIONS PER CITY COMMENTS |
| 3 | |
| 4 | |
| 5 | |

ORIGINAL ISSUE DATE: 06/12/20 | RCE PROJECT NUMBER: 20800

CONTENTS


| SHEET | | DATE |
|---|---|---|
| 1 | COVER | 10-19-20 |
| 2 | GENERAL NOTES | 08-04-20 |
| 3 | EXISTING CONDITION & DEMOLITION PLAN | 10-19-20 |
| 4 | TREE PROTECTION PLAN | 10-19-20 |
| 5 | STAKING PLAN | 10-19-20 |
| 6 | GRADING & DRAINAGE PLAN | 10-19-20 |
| 7 | UTILITY PLAN | 10-19-20 |
| 8 | CONSTRUCTION DETAILS | 08-04-20 |


COVER

GENERAL NOTES

1. ALL CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS.

2. ALL PERMITS NECESSARY FOR CONSTRUCTION SHALL BE OBTAINED BY CONTRACTOR.

3. ANY DEVIATIONS FROM THE PLANS ARE PROHIBITED WITHOUT THE WRITTEN CONSENT OF THE ENGINEER.

4. THE CONTRACTOR IS TO IMMEDIATELY CONTACT THE ENGINEER IF ANY UNFORESEEN COMPLICATIONS OR DISCREPANCIES OCCUR.

5. CONTRACTOR SHALL COORDINATE THE CONSTRUCTION OF ALL UTILITIES ON SITE WITH THE APPROPRIATE PROVIDER (e.g. POWER, PHONE, CABLE, ETC.)

6. THE ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR THE PHYSICAL CONSTRUCTION OF THE SITE.

7. CONTRACTOR SHALL MAINTAIN A SAFE SITE AND MEET ALL APPROPRIATE REGULATIONS CONCERNING SAFETY.

8. SURVEY DATA PROVIDED BY MANZIE & DRAKE LAND SURVEYING .
117 SOUTH NINTH STREET
FERNANDINA BEACH, FL 32034
904-491-5700

9. EXISTING SURVEY INFORMATION TO BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR TO NOTIFY ENGINEER OF ANY DISCREPANCIES IN FIELD OBSERVATIONS VERSUS SURVEY DATA.

10. CONTRACTOR TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION BY CALLING THE CALL BEFORE YOU DIG HOTLINE: 811.

11. ACCORDING TO FEMA FLOOD INSURANCE RATEMAPS 12089C 0239 G DATED 08/02/2017
THE SITE IS LOCATED IN THE 100 YEAR FLOODPLAIN IN ZONE X.

ADA NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ADHERING TO ALL CURRENT ADA REQUIREMENTS.

2. THE EXTERIOR ACCESSIBLE ROUTE SHALL HAVE A MINIMUM WIDTH OF 3 FEET. IF THE ACCESSIBLE ROUTE CLEAR WIDTH IS LESS THAN 5 FEET, THEN 5'X5' PASSING SPACES SHALL BE PROVIDED EVERY 200' OR LESS. INTERSECTING SIDEWALKS MEET THIS REQUIREMENT.

3. THE FINISHED SURFACE HEIGHT DIFFERENCE REQUIREMENTS SHALL MEET THE FOLLOWING:
0 - ¼" NO REQUIREMENTS
¼"- ½"BEVEL WITH 1:2 SLOPE
GREATER THAN ½" CONFORM TO RAMP REQUIREMENTS

4. RAMPS SHALL MEET THE FOLLOWING CONSTRAINTS:
MAX SLOPE 1:12
MAX RAMP RISE IS 30"
MAX RAMP LENGTH IS 30'
MAX CROSS SLOPE IS 2.00%

5. RAMP LANDINGS SHALL MEET THE FOLLOWING CONSTRAINTS:
A MINIMUM 5' LONG LEVEL LANDING AT LEAST AS WIDE AS THE RAMP SHALL BE PLACED AT THE TOP AND BOTTOM OF THE RAMP.
LANDING SHALL BE MINIMUM 5'X5' WHERE RAMP CHANGES DIRECTION.
LANDINGS SHALL NOT EXCEED A 2.00% SLOPE

6. HANDRAILS SHALL MEET THE FOLLOWING CONSTRAINTS:
IF RAMP RISE IS GREATER THAN 6", THEN HANDRAILS ARE REQUIRED ON BOTH SIDES OF RAMP.MINIMUM OF 12" LONG HANDRAIL EXTENSIONS SHALL BE PROVIDED AT THE TOP AND BOTTOM OF LANDINGS.

EARTHWORK AND PAVING

1. CONTRACTOR TO REMOVE ALL UNSUITABLE MATERIAL BENEATH PROPOSED PAVEMENT AND BUILDINGS TO A DEPTH OF 3 FEET AND REPLACE WITH SUITABLE FILL. THIS ONLY APPLIES TO AREAS WHERE UNSUITABLE MATERIAL IS PRESENT.

2. THE UPPER 12 INCHES OF SUBGRADE BELOW THE PAVEMENT AND BUILDINGS SHALL BE SCARIFIED AND RECOMPACTED TO 100% STANDARD PROCTOR MAX DRY WEIGHT DENSITY WITH A MOISTURE CONTENT WITHIN 2% OF THE OPTIMUM MOISTURE CONTENT.

3. IN AREAS WHERE STRUCTURAL FILL IS REQUIRED, THE FILL SHALL BE PLACED IN LIFTS OF 6 INCHES AND COMPACTED TO 100% STANDARD PROCTOR MAX DRY WEIGHT DENSITY. STRUCTURAL FILL SHALL CONSIST OF GRANULAR SOIL CONTAINING LESS THAN 10% MATERIAL PASSING THE NO 200 SIEVE.

4. ALL FILLING AND EXCAVATION SHALL BE COMPLETED PRIOR TO THE INSTALLATION OF ANY UTILITIES.

5. CONTRACTOR TO PROVIDE TEST RESULTS OF SUBGRADE AND BASE COURSE COMPACTION TO ENGINEER.

GRADING & DRAINAGE NOTES:

1. STORM PIPES SHALL BE JOINED PER DOT SPECIFICATIONS.

2 ALL PIPE SHALL BE INSTALLED IN NEW CONDITION.

3. A RIGHT OF WAY WORK PERMIT MAY BE REQUIRED BEFORE ANY WORK CAN BE DONE IN THE RIGHT OF WAY.

4. ALL STORM DRAINAGE PIPING SHALL BE CONSTRUCTED PER DOT SPECS.

5. ALL STORM DRAINAGE PIPING JOINTS SHALL BE WRAPPED IN FILTER FABRIC.

6. CONTRACTOR TO REQUEST CONFIRMATION OF LATEST PLAN REVISION DATE FROM ENGINEER IN WRITING PRIOR TO ORDERING MATERIALS,

7. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO REVIEW AND APPROVE SHOP DRAWINGS PRIOR TO ORDERING MATERIALS.

WATER & SEWER NOTES

1. ALL WATER AND SEWER CONSTRUCTION SHALL CONFORM WITH THE REQUIREMENTS OF THE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE CITY OF FERNADINA BEACH. IN THE EVENT OF A DISCREPANCY BETWEEN THESE CONSTRUCTION PLANS AND THE AFOREMENTIONED STANDARDS AND SPECIFICATIONS, THE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS SHALL TAKE PRECEDENCE UNLESS THE DEVIATION HAS BEEN APPROVED IN WRITING BY THE CITY OF FERNADINA BEACH.

2. THE MINIMUM HORIZONTAL AND VERTICAL SEPARATION BETWEEN WATER LINES, SEWER LINES AND STORM DRAINS SHALL CONFORM TO THE LATEST FLORIDA DEP REQUIREMENTS.

3. A MINIMUM DISTANCE OF 20' OR TWO TIMES THE DEPTH OF THE MAIN, WHICHEVER IS GREATER, SHALL BE MAINTAINED FROM ALL BUILDINGS, FOUNDATIONS AND THE TOP OF BANK OF ALL PONDS, ANY DEVIATION FROM THIS REQUIREMENT MUST BE APPROVED IN WRITING BY THE CITY OF FERNADINA BEACH.

4. PRESSURE AND LEAKAGE TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE CITY OF FERNADINA BEACH.

5. DISINFECTION OF WATER MAINS SHALL BE PERFORMED IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE CITY OF FERNADINA BEACH.

6. AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF THE WORK, THE CONTRACTOR SHALL CALL SUNSHINE 811 AT 1-800-432-4770 TO REQUEST UNDERGROUND UTILITY LOCATE SERVICE.

7. ALL GRAVITY SEWERS SHALL BE LOW PRESSURE AIR TESTED IN ACCORDANCE WITH THE CITY OF FERNADINA BEACH STANDARDS

8. ALL SANITARY SEWER MANHOLES SHALL BE VACUUM TESTED IN ACCORDANCE WITH THE CITY OF FERNADINA BEACH STANDARDS.

9. ALL PORTIONS OF NEW SEWAGE FORCEMAIN SHALL UNDERGO A HYDROSTATIC TEST PER THE CITY OF FERNADINA BEACH STANDARDS

10. SEE CITY OF FERNADINA BEACH STANDARDS FOR MINIMUM PIPE COVER REQUIREMENTS.

11. RECORD DRAWINGS MUST BE PROVIDED TO CITY OF FERNADINA BEACH FOR PUBLIC WATER AND SEWER LINES IN ACCORDANCE WITH CITY OF FERNADINA BEACH RECORD DRAWING STANDARDS.

GENERAL WATER NOTES:

1. PVC PIPE SHALL BE BLUE IN COLOR. PIPE 4" TO 12" SHALL CONFORM
TO REQUIREMENTS OF AWWA C-900, DR 18 PRESSURE CASS 235 P.S.I. AND SHALL HAVE THE FOLLOWING MINIMUM WALL THICKNESS:
4" 0.267 INCHES
6" 0.383 INCHES
8" 0.503 INCHES
10" 0.617 INCHES
12" 0.733 INCHES
PIPE LESS THAN 4" IN DIAMETER SHALL CONFORM TO ASTM D-1784 AND
D-2241 (SDR 21). THE PIPE SHALL HAVE A MINIMUM PRESSURE RATING OF 200 P.S.I. THE PVC PIPE SHALL BEAR THE NATIONAL SANITATION FOUNDATION SEAL OF APPROVAL.

2. FITTING FOR PVC SHALL BE DUCTILE IRON IN ACCORDANCE WITH ANSI A-21.53 (AWWA C-153). FITTINGS SHALL BE CEMENT LINED IN ACCORDANCE WITH ANSI A-21,4 (AWWA C-104). FITTINGS LESS THAN 4" SHALL BE PVC WITH RING TITE RUBBER JOINTS CONFORMING TO ASTM D-3139.

3. VALVES SHALL BE INSTALLED IN APPROVED UNDERGROUND VALVE BOXES OF DUCTILE IRON WITH A SUITABLE CRUSHING STRENGTH.

4. MAINTAIN A TEN (10)FOOT HORIZONTAL SEPARATION BETWEEN ANY EXISTING OR PROPOSED WATER MAIN AND SANITARY SEWER, STORM SEWER, OR SEWER MANHOLE.

5. WHEN A 10 FOOT HORIZONTAL SEPARATION CANNOT BE MAINTAINED, THE WATER MAIN MAY BE LAID CLOSER TO THE SEWER PROVIDED THAT THE WATER MAIN IS LAID IN A SEPARATE TRENCH AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER.

6. WATER CROSSING A SEWER SHALL BE AT LEAST 18" ABOVE THE TOP OF THE SEWER. A FULL LENGTH OF WATER PIPE SHALL BE USED AT THE CROSSING WITH THE ENDS OF THE WATER AS FAR AWAY FROM THE SEWER AS POSSIBLE.

7. VERIFY SIZE AND LOCATION OF WATER SERVICES PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIALS.

8. IF UTILITY CONFLICT IS ENCOUNTERED IN THE FIELD, SEE UTILITY CONFLICT DETAIL.

GENERAL SEWER NOTES:

1. PVC PIPE BE POLYVINYL CHLORIDE PLASTIC (PVC) AND SHALL MEET ALL REQUIREMENTS OF ASTM D 3034 SDR 26. DEPTHS LESS THAN 3 FEET SHALL BE DUCTILE IRON PIPE. ASTM D 2321 MUST BE FOLLOWED FOR THE INSTALLATION OF PVC PIPE. RUBBER RINGS SHOULD BE USED FOR CONTRACTION AND EXPANSION AT EACH JOINT. FITTINGS SHALL MEET THE SAME SPECIFICATION REQUIREMENTS AS THE PIPE. TESTS ON PVC PIPE SHALL BE DESIGNED TO PASS ALL TESTS AT 73° F. PIPE STANDARD LENGTHS SHALL BE 12.5 FEET (PLUS OR MINUS 1 INCH). PIPE SIZES AND DIMENSIONS SHALL BE AS SHOWN IN THE TABLE BELOW:

| NOM SIZE | OUTSIDE DIA | MIN WALL THICKNESS |
|---|---|---|
| 4" | 4.215 | 0.162 |
| 6" | 6.275 | 0.241 |
| 8" | 8.400 | 0.323 |
| 10" | 10.500 | 0.404 |
| 12" | 12.500 | 0.481 |

2. JOINTS FOR PVC PIPE - SHALL BE INTEGRAL WALL BELL AND SPIGOT WITH A RUBBER RING GASKET. THE JOINTS SHALL CONFORM TO ASTM D 3212 AND THE GASKETS SHALL CONFORM TO ASTM F 477.

3. PRECAST CONCRETE MANHOLES- SHALL BE REINFORCED CONCRETE CONSTRUCTED IN ACCORDANCE WITH ASTM C 478 AND THE DETAILS SHOWN ON THE PLANS. THE JOINTS SHALL BE TONGUE AND GROOVE SEALED WITH FLEXIBLE GASKETS OR MASTIC SEALANT. GASKETS SHALL BE O-RING OR EQUIVALENT TO TYPE A OR B "TYLOX" CONFORMING TO ASTM C 443. MASTIC SHALL BE EQUIVALENT TO "RAM-NEK" WITH PRIMER. ALL CONTACT SURFACES OF THE MANHOLE JOINT SHALL HAVE THE PRIMER IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

4. FRAMES AND COVERS - SHALL BE THE EQUIVALENT OF NEENAH FOUNDRY CO. R-1668 TYPE "C" LID

5. MANHOLE STEPS - SHALL BE EQUIVALENT TO M.A. INDUSTRIES, TYPE PS-1 OF PS-2 OR IMCO REINFORCED PLASTICS, INC. MODEL F.R.P. THE STEPS SHALL BE INSTALLED AT THE MANHOLE FACTORY AND IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE STEP MANUFACTURER.

6. PIPE CONNECTIONS - SHALL HAVE FLEXIBLE WATERTIGHT JOINTS AT THE POINT OF ENTRY OF ANY SEWER MAIN INTO THE MANHOLE. THE JOINT SHALL BE WEDGED RUBBER SHAPE EQUIVALENT TO "PRESS WEDGE II," OR A RUBBER SLEEVE EQUIVALENT TO "KOR-N-SEAL" OR 'LOCK JOINT."

7. #12 GAUGE SINGLE STRAND COPPER TRACING WIRE SHALL BE USED OVER ALL FORCE MAIN, SANITARY SEWER, AND SERVICE LATERAL LINES.

8. SEWER EXCAVATIONS SHALL BE TO THE DESIRED DEPTHS SHOWN ON THE PLANS WITH ADHERENCE TO THE OCCUPATIONAL AND SAFETY HEALTH ADMINISTRATION'S (OSHA) REGULATIONS. IN AREAS OF UNSUITABLE SOIL CONDITIONS, THE TRENCH MAY BE REQUIRE ADDITIONAL EXCAVATION AND BACKFILLED WITH SAND, GRAVEL, OR CONCRETE.

9. SEWER PIPES SHALL BE LAID UPGRADE WITH SPIGOTS POINTING DOWNGRADE. ASSEMBLY OF JOINTS SHALL COMPLY WITH MANUFACTURER'S RECOMMENDATIONS. SEAL OPEN ENDS OF PIPES IF INSTALLATION IS INTERRUPTED. MANHOLE CONNECTIONS SHOULD BE WATER TIGHT WITH THE USE OF FLEXIBLE WATER STOPS AND RESILIENT CONNECTORS.

10. MANHOLES SHALL HAVE A CHANNEL IN THE BOTTOM THAT IS SMOOTH AND ROUNDED. MANHOLE TOP ELEVATIONS SHALL BE GREATER THAN OR EQUAL TO THE FIFTY (50) YEAR FLOOD ELEVATION, UNLESS WATERTIGHT COVERS ARE PROVIDED. OUTSIDE OF PAVED AREAS, THE MANHOLE TOP ELEVATION SHALL BE 1" ABOVE THE GROUND SURFACE IN DEVELOPED AREAS AND 6" ABOVE THE GROUND SURFACE IN UNDEVELOPED AREAS UNLESS SHOWN OTHERWISE ON THE PLANS. MANHOLES IN PAVED AREAS SHALL BE BUILT AS DESIGNATED BY THE ENGINEER. NO LEAKS IN MANHOLES ARE ACCEPTABLE.

JONATHAN MCDILL
LICENSE
NO. 88790
STATE OF FLORIDA
PROFESSIONAL ENGINEER
08/04/2020

REVISIONS
2020-08-04: REVISIONS PER CITY COMMENTS

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CIVIL ENGINEERING
ST. SIMONS ISLAND | SAVANNAH
WWW.ROBERTSCIVILENGINEERING.COM

GENERAL NOTES

PAXTON AUTOMOTIVE MARKETING
FERNANDINA BEACH, FLORIDA
PREPARED FOR:
PARKER CONTRACTING, INC.

DATE: 06/12/20
PROJECT NUMBER: 20800
DRAWN BY: TL
CHECKED BY: JM
SCALE: NTS

SHEET: 2

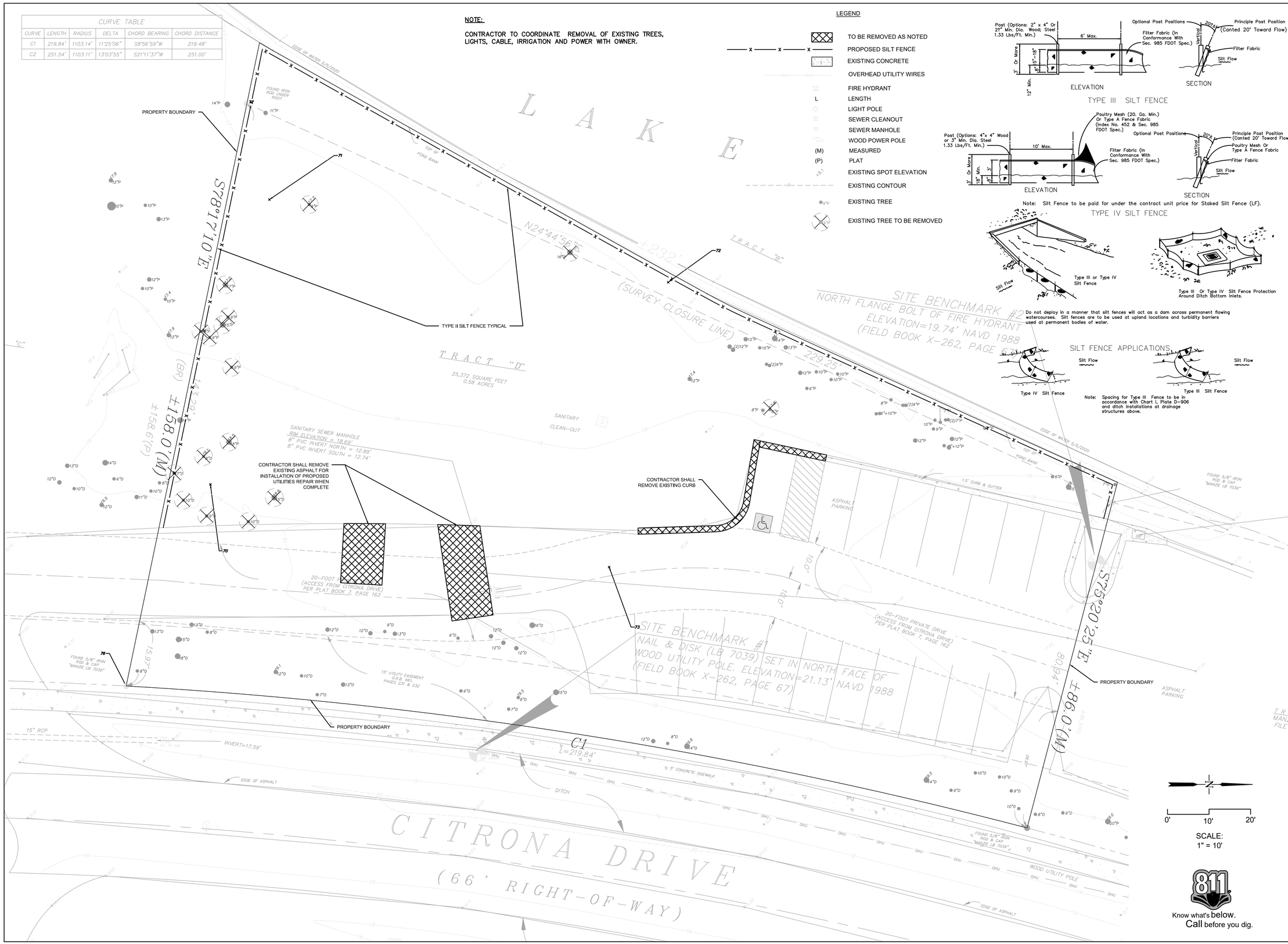
| CURVE TABLE | | | | | |
|---|---|---|---|---|---|
| CURVE | LENGTH | RADIUS | DELTA | CHORD BEARING | CHORD DISTANCE |
| C1 | 219.84' | 1103.14' | 11°25'06" | S8°56'59"W | 219.48' |
| C2 | 251.54' | 1103.11' | 13°03'55" | S21°11'37"W | 251.00' |

**NOTE:**

CONTRACTOR TO COORDINATE REMOVAL OF EXISTING TREES, LIGHTS, CABLE, IRRIGATION AND POWER WITH OWNER.

LEGEND

- TO BE REMOVED AS NOTED
- PROPOSED SILT FENCE
- EXISTING CONCRETE
- OVERHEAD UTILITY WIRES
- FIRE HYDRANT
- L — LENGTH
- LIGHT POLE
- SEWER CLEANOUT
- SEWER MANHOLE
- WOOD POWER POLE
- (M) — MEASURED
- (P) — PLAT
- EXISTING SPOT ELEVATION
- EXISTING CONTOUR
- EXISTING TREE
- EXISTING TREE TO BE REMOVED







JONATHAN MCDILL LICENSE NO. 88790 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/19/2020

REVISIONS
2020-08-04: REVISIONS PER CITY COMMENTS
2020-10-19: REVISIONS PER CITY COMMENTS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# EXISTING CONDITIONS & DEMOLITION PLAN

# PAXTON AUTOMOTIVE MARKETING
# FERNANDINA BEACH, FLORIDA

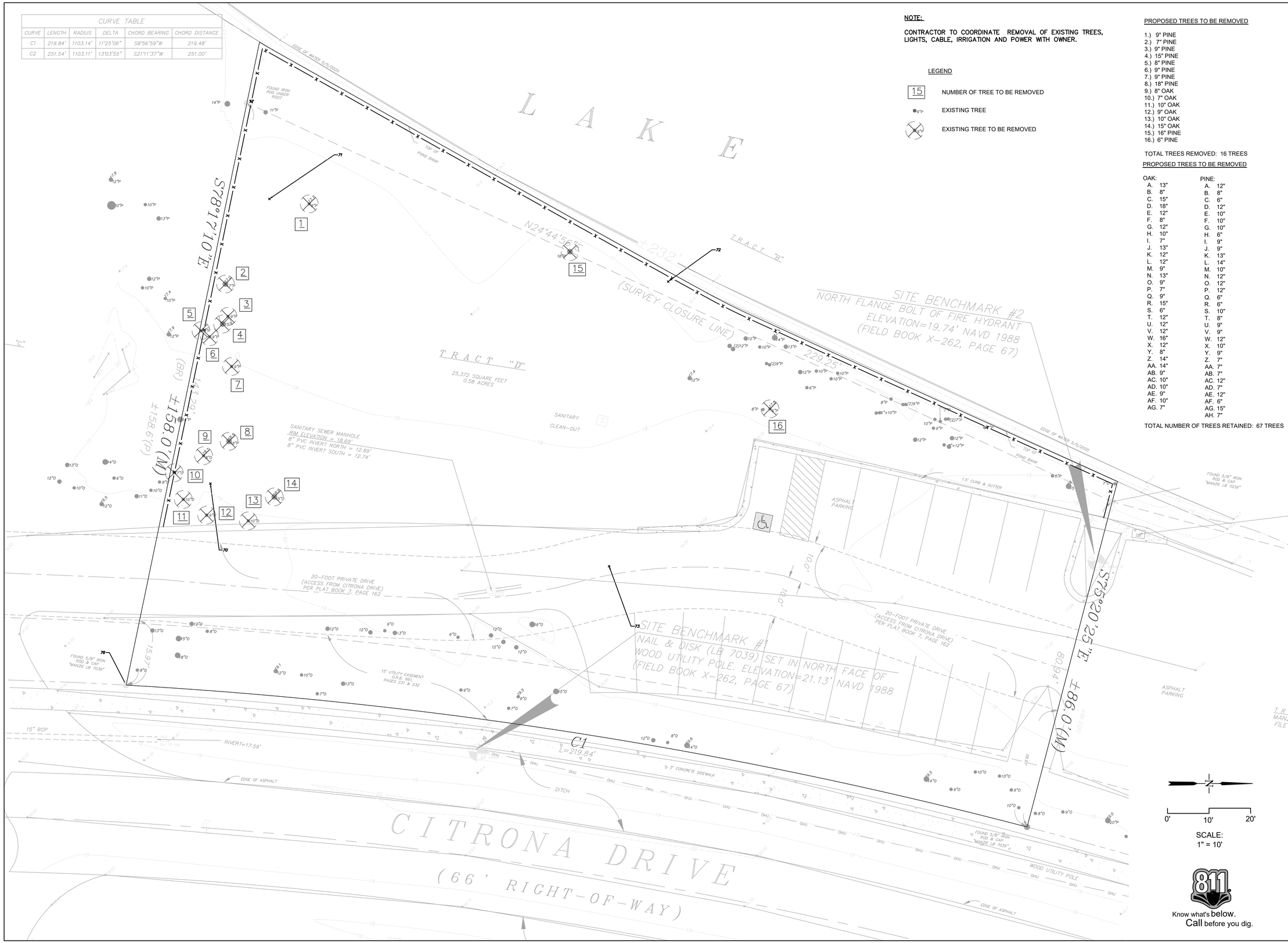
PREPARED FOR:
PARKER CONTRACTING, INC.

DATE: 06/12/20
PROJECT NUMBER: 20800
DRAWN BY: TL
CHECKED BY: JM
SCALE: 1":10' (FOR 24"X36" PLOT)

SHEET: 3

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

| CURVE TABLE | | | | | |
|---|---|---|---|---|---|
| CURVE | LENGTH | RADIUS | DELTA | CHORD BEARING | CHORD DISTANCE |
| C1 | 219.84' | 1103.14' | 11°25'06" | S8°56'59"W | 219.48' |
| C2 | 251.54' | 1103.11' | 13°03'55" | S21°11'37"W | 251.00' |




NOTE:

CONTRACTOR TO COORDINATE REMOVAL OF EXISTING TREES, LIGHTS, CABLE, IRRIGATION AND POWER WITH OWNER.

LEGEND

15 — NUMBER OF TREE TO BE REMOVED

EXISTING TREE

EXISTING TREE TO BE REMOVED

PROPOSED TREES TO BE REMOVED

1.) 9" PINE
2.) 7" PINE
3.) 9" PINE
4.) 15" PINE
5.) 8" PINE
6.) 9" PINE
7.) 9" PINE
8.) 18" PINE
9.) 8" OAK
10.) 7" OAK
11.) 10" OAK
12.) 9" OAK
13.) 10" OAK
14.) 15" OAK
15.) 16" PINE
16.) 6" PINE

TOTAL TREES REMOVED: 16 TREES

PROPOSED TREES TO BE REMOVED

| OAK: | PINE: |
|---|---|
| A. 13" | A. 12" |
| B. 8" | B. 8" |
| C. 15" | C. 6" |
| D. 18" | D. 12" |
| E. 12" | E. 10" |
| F. 8" | F. 10" |
| G. 12" | G. 10" |
| H. 10" | H. 6" |
| I. 7" | I. 9" |
| J. 13" | J. 9" |
| K. 12" | K. 13" |
| L. 12" | L. 14" |
| M. 9" | M. 10" |
| N. 13" | N. 12" |
| O. 9" | O. 12" |
| P. 7" | P. 12" |
| Q. 9" | Q. 6" |
| R. 15" | R. 6" |
| S. 6" | S. 10" |
| T. 12" | T. 8" |
| U. 12" | U. 9" |
| V. 12" | V. 9" |
| W. 16" | W. 12" |
| X. 12" | X. 10" |
| Y. 8" | Y. 9" |
| Z. 14" | Z. 7" |
| AA. 14" | AA. 7" |
| AB. 9" | AB. 7" |
| AC. 10" | AC. 12" |
| AD. 10" | AD. 7" |
| AE. 9" | AE. 12" |
| AF. 10" | AF. 6" |
| AG. 7" | AG. 15" |
| | AH. 7" |

TOTAL NUMBER OF TREES RETAINED: 67 TREES

JONATHAN MCDILL
LICENSE
NO. 88790
STATE OF FLORIDA
PROFESSIONAL ENGINEER
10/19/2020

REVISIONS
2020-10-19: REVISIONS PER CITY COMMENTS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TREE PROTECTION PLAN

# PAXTON AUTOMOTIVE MARKETING
# FERNANDINA BEACH, FLORIDA

PREPARED FOR:
PARKER CONTRACTING, INC.

DATE: 08/04/20
PROJECT NUMBER: 20800
DRAWN BY: TL
CHECKED BY: JM
SCALE: 1":10' [FOR 24"X36" PLOT]

SHEET: 4

LEGAL DESCRIPTION
TRACT "D", EGMONT PROFESSIONAL PARK
AS RECORDED IN PLAT BOOK 7, PAGE 162 OF THE
PUBLIC RECORDS OF NASSAU COUNTY, FLORIDA.

SITE DATA

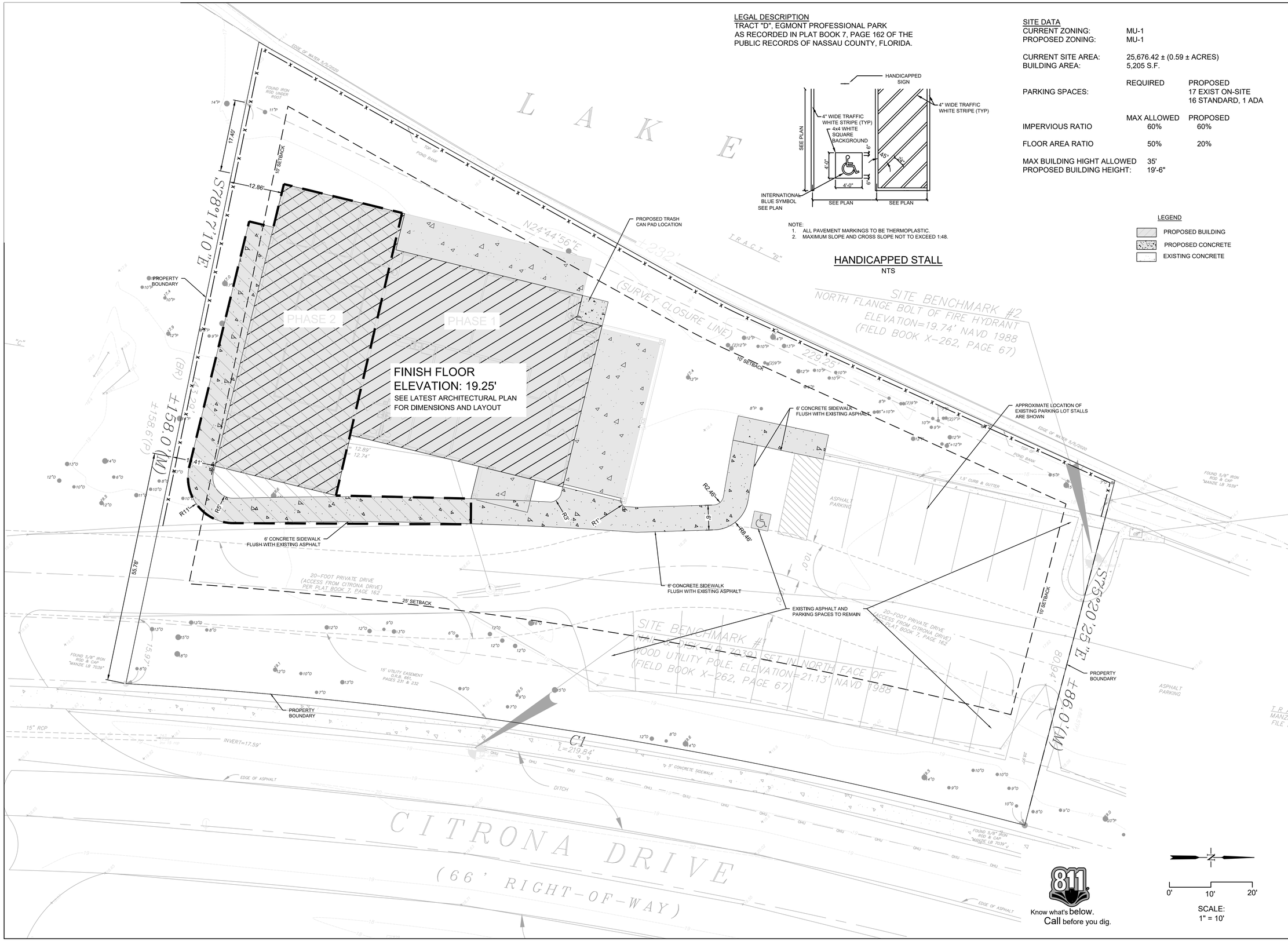
| | | |
|---|---|---|
| CURRENT ZONING: | MU-1 | |
| PROPOSED ZONING: | MU-1 | |
| CURRENT SITE AREA: | 25,676.42 ± (0.59 ± ACRES) | |
| BUILDING AREA: | 5,205 S.F. | |
| | REQUIRED | PROPOSED |
| PARKING SPACES: | | 17 EXIST ON-SITE<br>16 STANDARD, 1 ADA |
| | MAX ALLOWED | PROPOSED |
| IMPERVIOUS RATIO | 60% | 60% |
| FLOOR AREA RATIO | 50% | 20% |
| MAX BUILDING HIGHT ALLOWED | 35' | |
| PROPOSED BUILDING HEIGHT: | 19'-6" | |

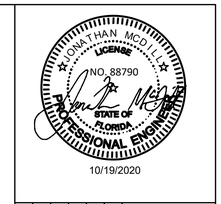



NOTE:
1. ALL PAVEMENT MARKINGS TO BE THERMOPLASTIC.
2. MAXIMUM SLOPE AND CROSS SLOPE NOT TO EXCEED 1:48.

HANDICAPPED STALL
NTS

LEGEND
- PROPOSED BUILDING
- PROPOSED CONCRETE
- EXISTING CONCRETE




10/19/2020

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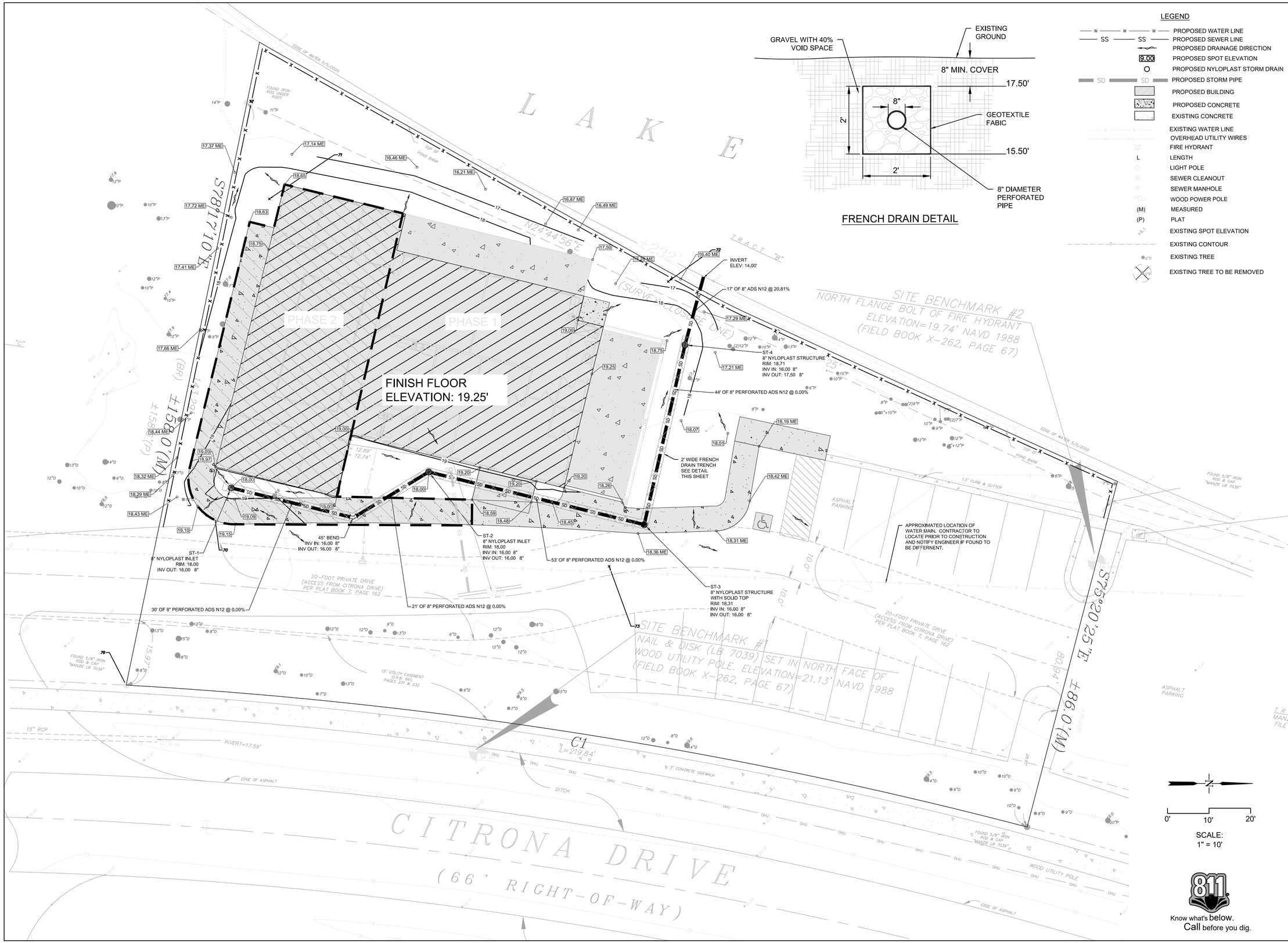
STAKING PLAN

# PAXTON AUTOMOTIVE MARKETING
# FERNANDINA BEACH, FLORIDA

PREPARED FOR:
PARKER CONTRACTING, INC.

DATE: 06/12/20
PROJECT NUMBER: 20800
DRAWN BY: TL
CHECKED BY: JM
SCALE: 1":10' (FOR 24"X36" PLOT)

SHEET: 5







FRENCH DRAIN DETAIL

## LEGEND

- PROPOSED WATER LINE
- PROPOSED SEWER LINE
- PROPOSED DRAINAGE DIRECTION
- PROPOSED SPOT ELEVATION
- PROPOSED NYLOPLAST STORM DRAIN
- PROPOSED STORM PIPE
- PROPOSED BUILDING
- PROPOSED CONCRETE
- EXISTING CONCRETE
- EXISTING WATER LINE
- OVERHEAD UTILITY WIRES
- FIRE HYDRANT
- L — LENGTH
- LIGHT POLE
- SEWER CLEANOUT
- SEWER MANHOLE
- WOOD POWER POLE
- (M) — MEASURED
- (P) — PLAT
- EXISTING SPOT ELEVATION
- EXISTING CONTOUR
- EXISTING TREE
- EXISTING TREE TO BE REMOVED

JONATHAN MCDILL
LICENSE
NO. 88790
STATE OF FLORIDA
PROFESSIONAL ENGINEER
10/19/2020

REVISIONS
2020-08-04: REVISIONS PER CITY COMMENTS
2020-10-19: REVISIONS PER CITY COMMENTS

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# GRADING & DRAINAGE PLAN

# PAXTON AUTOMOTIVE MARKETING
# FERNANDINA BEACH, FLORIDA

PREPARED FOR:
PARKER CONTRACTING, INC.

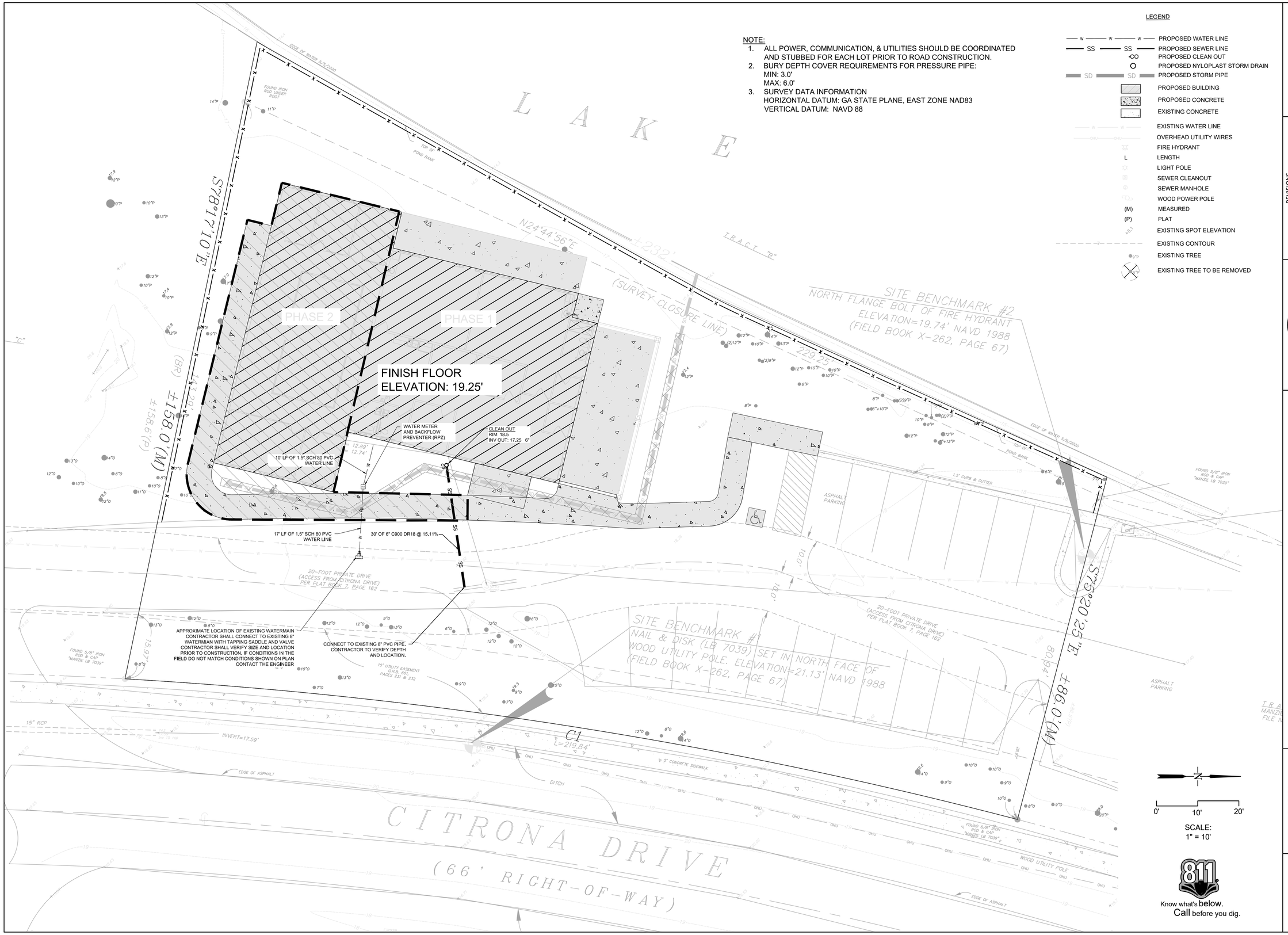
DATE: 06/12/20
PROJECT NUMBER: 20800
DRAWN BY: TL
CHECKED BY: JM
SCALE: 1":10' [FOR 24"X36" PLOT]

SHEET: 6

NOTE:
1. ALL POWER, COMMUNICATION, & UTILITIES SHOULD BE COORDINATED AND STUBBED FOR EACH LOT PRIOR TO ROAD CONSTRUCTION.
2. BURY DEPTH COVER REQUIREMENTS FOR PRESSURE PIPE:
   MIN: 3.0'
   MAX: 6.0'
3. SURVEY DATA INFORMATION
   HORIZONTAL DATUM: GA STATE PLANE, EAST ZONE NAD83
   VERTICAL DATUM: NAVD 88

LEGEND

| | |
|---|---|
| — W — W — W — | PROPOSED WATER LINE |
| — SS — SS — | PROPOSED SEWER LINE |
| -CO | PROPOSED CLEAN OUT |
| O | PROPOSED NYLOPLAST STORM DRAIN |
| — SD — SD — | PROPOSED STORM PIPE |
| | PROPOSED BUILDING |
| | PROPOSED CONCRETE |
| | EXISTING CONCRETE |
| — W — W — | EXISTING WATER LINE |
| — OHU — OHU — | OVERHEAD UTILITY WIRES |
| | FIRE HYDRANT |
| L | LENGTH |
| | LIGHT POLE |
| | SEWER CLEANOUT |
| | SEWER MANHOLE |
| | WOOD POWER POLE |
| (M) | MEASURED |
| (P) | PLAT |
| +28.1 | EXISTING SPOT ELEVATION |
| — 7 — | EXISTING CONTOUR |
| 9"P | EXISTING TREE |
| 12"P | EXISTING TREE TO BE REMOVED |




Know what's below. Call before you dig.

JONATHAN MCDILL LICENSE NO. 88790 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/19/2020

REVISIONS
2020-08-04: REVISIONS PER CITY COMMENTS
2020-10-19: REVISIONS PER CITY COMMENTS


ROBERTS CIVIL ENGINEERING, LLC
301 SEA ISLAND ROAD, SUITE 10
ST. SIMONS, GA 31522
912-638-9681 OFFICE
912-289-0339 FAX

ROBERTS CIVIL ENGINEERING
ST. SIMONS ISLAND | SAVANNAH
WWW.ROBERTSCIVILENGINEERING.COM

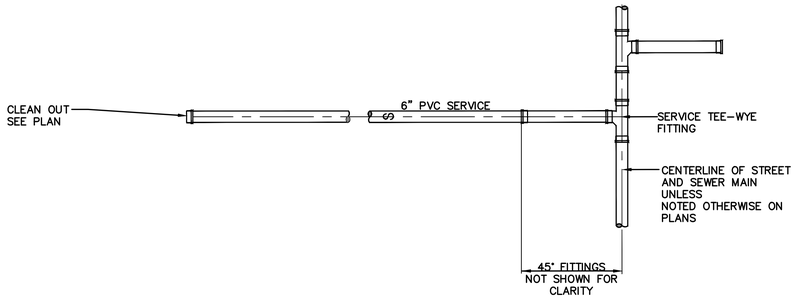

UTILITY PLAN

# PAXTON AUTOMOTIVE MARKETING
# FERNANDINA BEACH, FLORIDA

PREPARED FOR:
PARKER CONTRACTING, INC.

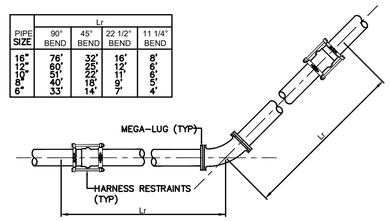
DATE: 06/12/20
PROJECT NUMBER: 20800
DRAWN BY: TL
CHECKED BY: JM
SCALE: 1":10' (FOR 24"X36" PLOT)

SHEET: 7



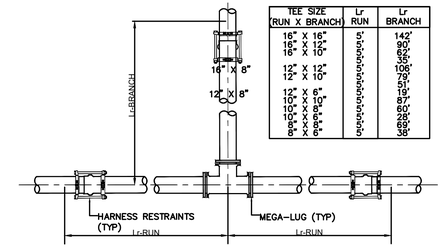

SINGLE SEWER SERVICE – PLAN VIEW
NTS

| PIPE SIZE | Lr 90° BEND | 45° BEND | 22 1/2° BEND | 11 1/4° BEND |
|---|---|---|---|---|
| 16" | 76' | 32' | 16' | 8' |
| 12" | 60' | 25' | 12' | 6' |
| 10" | 51' | 22' | 11' | 5' |
| 8" | 40' | 18' | 9' | 5' |
| 6" | 33' | 14' | 7' | 4' |

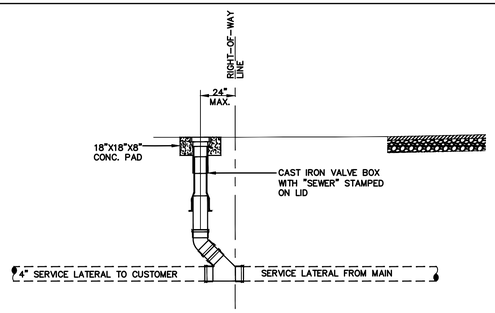



PVC JOINTS RESTRAINTS – HORIZONTAL
NTS

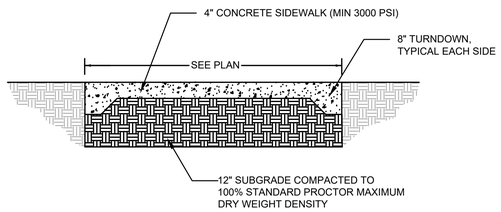
| TEE SIZE (RUN X BRANCH) | Lr RUN | Lr BRANCH |
|---|---|---|
| 16" X 16" | 5' | 142' |
| 16" X 12" | 5' | 90' |
| 16" X 10" | 5' | 82' |
| | 5' | 35' |
| 12" X 12" | 5' | 106' |
| 12" X 10" | 5' | 79' |
| | 5' | 51' |
| 12" X 6" | 5' | 19' |
| 10" X 10" | 5' | 87' |
| 10" X 8" | 5' | 60' |
| 10" X 6" | 5' | 29' |
| 8" X 8" | 5' | 69' |
| 8" X 6" | 5' | 38' |




PVC JOINTS RESTRAINTS – TEE
NTS



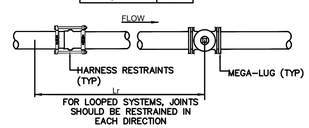

SEWER SERVICE – CLEANOUT
NTS



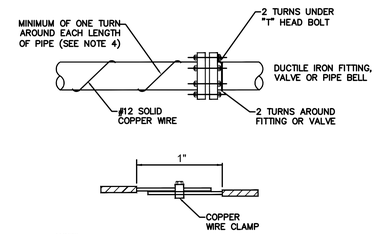

NOTE: 1. EXPANSION JOINTS LOCATED AT 20' O.C.
2. TOOLED JOINTS LOCATED AT 5' O.C.
3. ALL SIDEWALKS TO HAVE A 1.0% CROSS SLOPE

CONCRETE SIDEWALK DETAIL
NTS

| LINE SIZE | Lr |
|---|---|
| 16" | 175' |
| 12" | 136' |
| 10" | 115' |
| 8" | 96' |
| 6" | 74' |
| 4" | 52' |




PVC JOINTS RESTRAINTS – IN-LINE VALVE
NTS



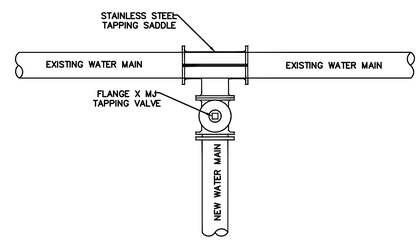

NOTE:
1. USE #12 AWG SOLID PLASTIC COATED COPPER WIRE.

2. STRIP 2" OF COATING & WRAP WIRE 2 TURNS UNDER "T" HEAD BOLT ON TOP
OF DUCTILE IRON FITTING (VALVE. )NEXT WRAP WIRE 2 TURNS AROUND BELL
OF FITTING (VALVE) AND WIND WITH A CONTINUOUS LENGTH OF AT LEAST 4 WRAPS PER LENGTH OF PVC PIPE TO THE NEXT DUCTILE IRON FITTING. TERMINATE AT FITTING IN A SIMILAR MANNER AS NOTED ABOVE.

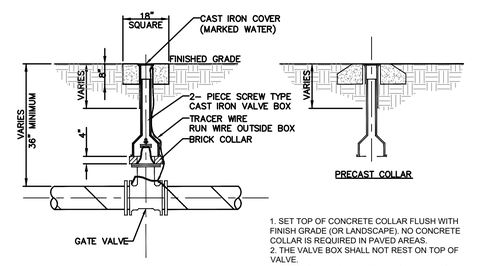
3. ALL SPLICES MUST BE MADE BY USING COPPER WIRE SPLICE, "U" BOLT ASSEMBLIES AND THEN WRAPPING WITH ELECTRICAL TAPE.

4. IN LIEU OF "WRAPPING" TRACER WIRE AROUND PVC PIPE, WIRE MAYBE STRUNG ALONG THE TOP OF PIPE, PROVIDED IT IS TAPED TO THE PIPE EVERY 5'-0" TO INSURE ACCURATE POSITION MAINTAINED DURING BACKFILL.

TRACER WIRE INSTALLATION
NTS

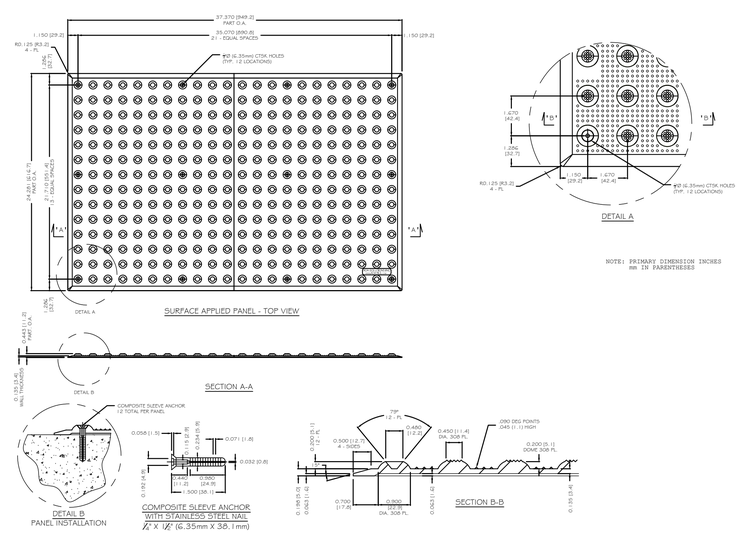



CONNECTION TO EXISTING WATER MAIN
NTS

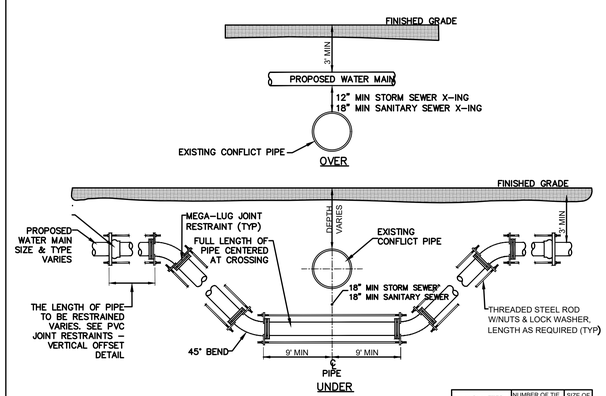



1. SET TOP OF CONCRETE COLLAR FLUSH WITH FINISH GRADE (OR LANDSCAPE). NO CONCRETE COLLAR IS REQUIRED IN PAVED AREAS.
2. THE VALVE BOX SHALL NOT REST ON TOP OF VALVE.
3. PRECAST CONCRETE COLLARS MAY BE USED UPON APPROVAL OF THE BGJWSC REPRESENTATIVE. SEE ALTERNATE DETAIL ABOVE.

WATER VALVE DETAIL
NTS

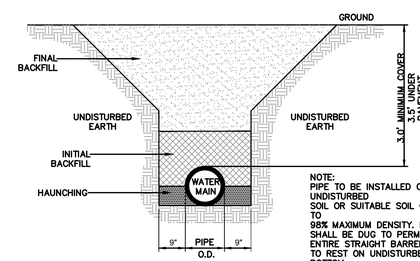



TRUNCATED DOME MAT DETAIL
NTS




| MAIN DIAMETER | NUMBER OF TIE RODS REQUIRED | SIZE OF RODS |
|---|---|---|
| 3" TO 8" | 2 | 3/4" |
| 10" TO 12" | 4 | 3/4" |
| 14" TO 16" | 6 | 3/4" |

UTILITY CONFLICT DETAIL
NTS




NOTE:
PIPE TO BE INSTALLED ON UNDISTURBED
SOIL OR SUITABLE SOIL COMPACTED TO
98% MAXIMUM DENSITY. BELL HOLE SHALL BE DUG TO PERMIT THE ENTIRE STRAIGHT BARREL OF PIPE TO REST ON UNDISTURBED TRENCH BOTTOM.
ALL LARGE STONES TO BE REMOVED AT A DEPTH OF AT LEAST 6" BELOW BOTTOM OF WATER SERVICE PIPES.

PRESSURE PIPE TRENCH DETAIL
NTS

JONATHAN MCDILL
LICENSE
NO. 88790
STATE OF FLORIDA
PROFESSIONAL ENGINEER

08/04/2020

REVISIONS
2020-08-04: REVISIONS PER CITY COMMENTS

ROBERTS CIVIL ENGINEERING, LLC
301 SEA ISLAND ROAD, SUITE 10
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ROBERTS
CIVIL ENGINEERING
ST. SIMONS ISLAND | SAVANNAH
WWW.ROBERTSCIVILENGINEERING.COM

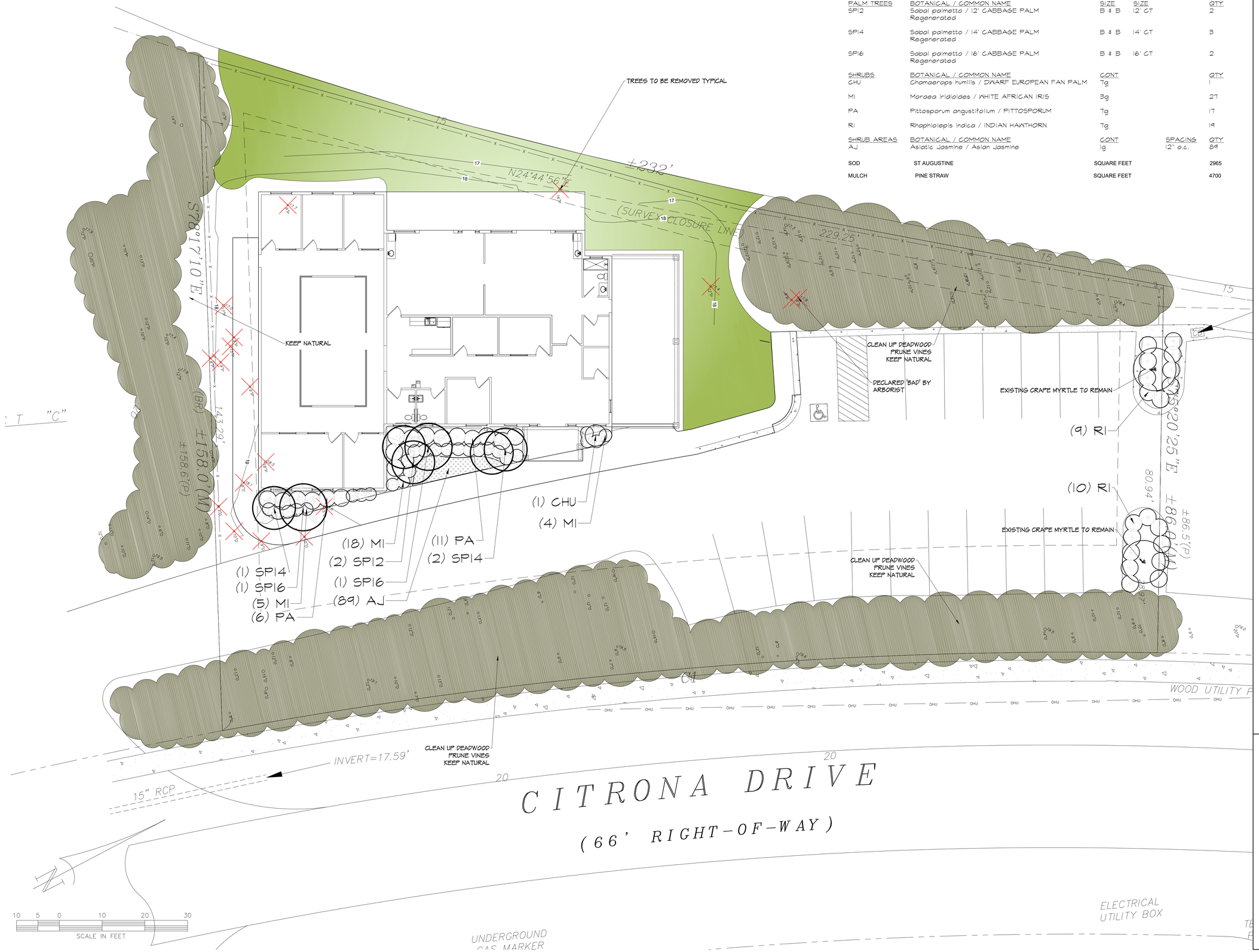
CONSTRUCTION DETAILS

# PAXTON AUTOMOTIVE MARKETING
# FERNANDINA BEACH, FLORIDA

PREPARED FOR:
PARKER CONTRACTING, INC.

DATE: 06/12/20
PROJECT NUMBER: 20800
DRAWN BY: TL
CHECKED BY: JM
SCALE: 1"=10' (FOR 24"X36" PLOT)

SHEET: 8




## PLANT SCHEDULE

| PALM TREES | BOTANICAL / COMMON NAME | SIZE | SIZE | QTY |
|---|---|---|---|---|
| SP12 | Sabal palmetto / 12' CABBAGE PALM Regenerated | B & B | 12' CT | 2 |
| SP14 | Sabal palmetto / 14' CABBAGE PALM Regenerated | B & B | 14' CT | 3 |
| SP16 | Sabal palmetto / 16' CABBAGE PALM Regenerated | B & B | 16' CT | 2 |

| SHRUBS | BOTANICAL / COMMON NAME | CONT | QTY |
|---|---|---|---|
| CHU | Chamaerops humilis / DWARF EUROPEAN FAN PALM | 7g | 1 |
| MI | Moraea iridioides / WHITE AFRICAN IRIS | 3g | 27 |
| PA | Pittosporum angustifolium / PITTOSPORUM | 7g | 17 |
| RI | Rhaphiolepis indica / INDIAN HAWTHORN | 7g | 19 |

| SHRUB AREAS | BOTANICAL / COMMON NAME | CONT | SPACING | QTY |
|---|---|---|---|---|
| AJ | Asiatic Jasmine / Asian Jasmine | 1g | 12" o.c. | 89 |

| | | | |
|---|---|---|---|
| SOD | ST AUGUSTINE | SQUARE FEET | 2965 |
| MULCH | PINE STRAW | SQUARE FEET | 4700 |

| | DBH | Species |
|---|---|---|
| Trees to Remain | 10 | Oak |
| | 9 | Oak |
| | 10 | Oak |
| | 10 | Oak |
| | 9 | Oak |
| | 14 | Oak |
| | 14 | Oak |
| | 8 | Oak |
| | 12 | Oak |
| | 16 | Oak |
| | 12 | Oak |
| | 12 | Oak |
| | 12 | Oak |
| | 6 | Oak |
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| | 12 | Pine |
| | 6 | Pine |
| | 13 | Pine |
| | 14 | Pine |
| | 9 | Pine |
| | 9 | Pine |
| | 10 | Pine |
| | 12 | Pine |
| | 12 | Pine |
| | 12 | Pine |
| Trees to be Removed | 6 | Pine |
| | 8 | Pine |
| | 12 | Pine |
| | 16 | Pine |
| | 9 | Pine |
| | 7 | Pine |
| | 9 | Pine |
| | 15 | Pine |
| | 9 | Pine |
| | 8 | Pine |
| | 9 | Pine |
| | 8 | Pine |
| | 8 | Oak |
| | 7 | Oak |
| | 10 | Oak |
| | 9 | Oak |
| | 10 | Oak |
| | 15 | Oak |


LAND DESIGN ASSOCIATES, INC.

LANDSCAPE ARCHITECTURE
DESIGN/BUILD
PLANNING

228 REDFERN VILLAGE #203
ST. SIMONS ISLAND, GA 31522

912.571.1137

LandDesignAssociates@gmail.com


Landscape Plan

# Paxton Automotive

Fernandina Beach, Florida

Rev: 9/22/20
Date: 9/10/20
Scale: 1"=10'-0"
Sheet /

GEORGIA REGISTERED No. 1284 PROFESSIONAL LANDSCAPE ARCHITECT JEFF HOMANS

# CONSTRUCTION PLANS FOR

# WESTROCK DROP YARD

## FERNANDINA BEACH

### GENERAL NOTES:

A. TOPOGRAPHIC BOUNDARY SURVEY, INCLUDING PROPERTY LINES, LEGAL DESCRIPTION EXISTING UTILITIES, SITE TOPOGRAPHY WITH SPOT ELEVATIONS, OUTSTANDING PHYSICAL FEATURES AND EXISTING STRUCTURE LOCATIONS WAS PROVIDED BY THE FOLLOWING COMPANY, AS CONTRACTORS TO THE OWNER:

ARC SURVEYING & MAPPING, INC.
5202 SAN JUAN AVE
JACKSONVILLE, FL 32210
CONTACT: JEFF YOST
PHONE: 904-384-8377

MATTHEWS DESIGN GROUP, INC AND ITS ASSOCIATES WILL NOT BE HELD RESPONSIBLE FOR THE ACCURACY OF THE SURVEY OR FOR DESIGN ERRORS OR OMISSIONS RESULTING FROM SURVEY INACCURACIES.

B. THE GENERAL CONTRACTOR SHALL NOTIFY THE OWNER/ENGINEER OF ANY DISCREPANCIES BETWEEN THE SURVEY AND FIELD VERIFICATION OF INFORMATION ABOVE OR BELOW GROUND THAT MAY BE CRITICAL TO THE DESIGN OF THIS PROJECT. THE GENERAL CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR AND SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION OF THIS PROJECT.

C. WARRANTY / DISCLAIMER:

THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTIONS AND USES INTENDED BY THE OWNER AT THIS TIME. HOWEVER, NEITHER THE ENGINEER NOR ITS PERSONNEL CAN OR DO WARRANT THESE DESIGNS OR PLANS AS CONSTRUCTED EXCEPT IN THE SPECIFIC CASES WHERE THE ENGINEER IS INVOLVED WITH THE PHYSICAL CONSTRUCTION ON AN ONGOING BASIS AT THE SITE.

D. SAFETY NOTICE TO CONTRACTOR:

IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. ANY CONSTRUCTION OBSERVATION BY THE ENGINEER OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES IN, ON OR NEAR THE CONSTRUCTION SITE.

E. CONSTRUCTION TESTING:

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION, TESTING, LABORATORY ANALYSES, REPORTS, COSTS, ETC., CONCERNING SOILS AND PAVEMENT RELATED DESIGN REQUIREMENTS AND SPECIFICATIONS AS SET FORTH IN THESE PLANS.

F. AS-BUILT SURVEY NOTE:

UPON COMPLETION OF CONSTRUCTION, CONTRACTOR IS REQUIRED TO PROVIDE OWNER / ENGINEER WITH A SIGNED AND SEALED AS-BUILT SURVEY AND ANY OTHER RELATED CONSTRUCTION DOCUMENTS, IN ACCORDANCE WITH APPLICABLE PERMITTING AGENCY REQUIREMENTS, AS THE BASIS FOR PROJECT CERTIFICATIONS AND CLOSE-OUT.

G. RIGHT-OF-WAY:

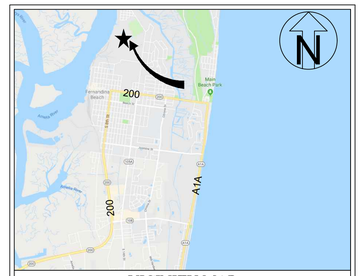
ANY AND ALL WORK CONDUCTED WITHIN THE FERNANDINA BEACH RIGHT-OF-WAYS MUST BE IN ACCORDANCE WITH THE APPLICABLE LAND DEVELOPMENT CODES.

H. PRE-CONSTRUCTION MEETING:

IT IS THE RESPONSIBILITY OF THE APPLICANT TO SCHEDULE A PRE-CONSTRUCTION / PRE PERMIT ISSUANCE MEETING WITH FERNANDINA BEACH STAFF AFTER PLANS HAVE BEEN RELEASED FOR CONSTRUCTION BY THE FERNANDINA BEACH AND PRIOR TO STARTING ANY SITE ACTIVITIES. THE PRE-CONSTRUCTION MEETING WILL BE HELD IN CONJUNCTION WITH THE FERNANDINA BEACH MANDATORY PRE-CONSTRUCTION MEETING.

ALL ELEVATIONS SHOWN HEREIN ARE REFERENCED TO NORTH AMERICAN GEODETIC VERTICAL DATUM 1988 (NAVD 88).

811
Know what's below.
Call before you dig.




VICINITY MAP
N.T.S.

### OWNER:

WESTROCK FERNANDINA MILL
600 N 8TH STREET
FERNANDINA BEACH, FL 32034
PHONE: (904) 277 - 5744
CONTACT: MANOHARAN THAMODHARAN

### PREPARED BY:

MATTHEWS DESIGN GROUP, INC.
P.O. BOX 3126, 7 WALDO STREET
ST. AUGUSTINE, FLORIDA 32084
PHONE: (904) 826-1334

### Sheet List Table

| Sheet Number | Sheet Title |
|---|---|
| 1 | COVER SHEET |
| 2 | GENERAL NOTES SHEET |
| 3 | BOUNDARY SURVEY |
| 4 | TOPOGRAPHY SURVEY |
| 5 | TREE SURVEY |
| 6 | OVERALL SITE PLAN |
| 7 | DEMOLITION PLAN |
| 8 | DEMOLITION PLAN |
| 9 | SITE PLAN |
| 10 | SITE PLAN |
| 11 | GRADING PLAN |
| 12 | GRADING PLAN |
| 13 | CONSTRUCTION DETAILS |
| 14 | CONSTRUCTION DETAILS |
| 15 | CONSTRUCTION DETAILS |
| 16 | SWPPP |
| 17 | SWPPP CERTIFICATION |

### RESOURCE LIST

| FERNANDINA BEACH TRC | FDEP - WATER & SEWER |
|---|---|
| 204 ASH STREET | 7825 BAYMEADOWS WAY SUITE B-200 |
| FERNANDINA BEACH, FL 32034 | JACKSONVILLE, FLORIDA 32256 |
| (904) 310-3135 | (904) 256-1620 |
| KELLY GIBSON | JUN YONG SHI |

### PERMITS / APPROVALS

| | SUBMITTED | RECEIVED |
|---|---|---|
| FERNANDINA BEACH | 09-11-19 | |
| FDEP | 04-20-18 | 4-12-2019 (MOD # 45-0367519-002-EM) |

### FLOOD CERTIFICATION:

THIS SITE IS SHOWN IN FLOOD ZONES "AE" AND "X" AS DESIGNATED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NUMBER 12089C0237G, FOR FERNANDINA BEACH, FLORIDA, EFFECTIVE DECEMBER17TH,2017.

REGISTERED ENGINEER
SCOTT A. KNOWLES, P. E.
CA#26535 FL#55391

REVISIONS

| NO. | DATE | DESCRIPTION |
|---|---|---|
| 1 | 8/29/2019 | UPDATES PER COFB TRC COMMENTS |
| 2 | 11/8/2019 | UPDATED PER COFB TRC COMMENTS (2ND SUBMITTAL) |
| ---- | ---- | ---- |
| ---- | ---- | ---- |
| ---- | ---- | ---- |

DESIGN BY: SAK
DWG BY: MS & KJM
CHK BY: SAK
DATE: 11/8/2019
JOB No.: 18037

MATTHEWS DESIGN GROUP, INC.
P.O. BOX 3126, 7 WALDO STREET
ST. AUGUSTINE, FLORIDA 32084
PHONE: 904.826.1334
FAX: 904.826.4547
INFO@MATTHEWSDESIGN.NET

COVER SHEET
WESTROCK DROP YARD
FERNANDINA BEACH
PREPARED FOR
WESTROCK FERNANDINA MILL

SHEET No.: 1 OF 17

S:\PROJECTS\18000\18037 - WESTROCK DROP YARD\DRAWINGS\CONSTRUCTION DOCUMENTS\18037 - COVER SHEET.DWG, L1, 10/29/2020 9:06 AM, Brandon Maxwell, MATTHEWS DESIGN GROUP, INC.

## GENERAL SITE NOTES:

1. ALL WORK AND MATERIALS SHALL BE IN COMPLETE ACCORDANCE WITH ALL RELATIVE SECTIONS OF FERNANDINA BEACH LAND DEVELOPMENT CODE, (LATEST REVISION) AND ALL FERNANDINA BEACH STANDARD DETAILS.

2. ALL WORK SHALL BE PERFORMED IN A SAFE MANNER. ALL SAFETY RULES AND GUIDELINES OF OSHA SHALL BE FOLLOWED. THE CONTRACTOR SHALL BE WHOLLY RESPONSIBLE FOR ANY INJURIES OF THEIR EMPLOYEES, AND FOR ANY DAMAGE TO PRIVATE PROPERTY OR PERSONS DURING THE COURSE OF THIS PROJECT. ALL COSTS ASSOCIATED WITH COMPLYING WITH OSHA REGULATIONS AND THE FLORIDA TRENCH SAFETY ACT MUST BE INCLUDED IN THE CONTRACTORS BID.

3. PRIOR TO CONSTRUCTION, THE SITE CONTRACTOR SHALL VERIFY ALL SURVEY CONTROL POINTS AS PROVIDED IN THE BOUNDARY SURVEY. THE CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER OF ANY DISCREPANCIES.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE JOB SITE PRIOR TO PREPARING THE BID FOR THE PURPOSE OF FAMILIARIZING THEMSELVES WITH THE NATURE AND THE EXTENT OF THE WORK AND LOCAL CONDITIONS, EITHER SURFACE OR SUB-SURFACE, WHICH MAY AFFECT THE WORK TO BE PERFORMED, AND THE EQUIPMENT, LABOR AND MATERIALS REQUIRED. FAILURE TO DO SO WILL NOT RELIEVE THE CONTRACTOR OF COMPLETE PERFORMANCE UNDER THE CONSTRUCTION CONTRACT. THE CONTRACTOR IS ALSO URGED TO TAKE COLOR PHOTOGRAPHS ALONG THE ROUTE OF OR WITHIN THE PROJECT TO RECORD EXISTING CONDITIONS PRIOR TO CONSTRUCTION, AND TO AID IN RESOLVING POSSIBLE FUTURE ISSUES THAT MAY OCCUR DUE TO THE CONSTRUCTION OF THE PROJECT.

5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO EITHER CONDUCT ANY FIELD EXPLORATION OR ACQUIRE ANY GEOTECHNICAL ASSISTANCE REQUIRED TO ESTIMATE THE AMOUNT OF UNSUITABLE MATERIAL THAT WILL REQUIRE REMOVAL AND/OR TO ESTIMATE THE AMOUNT OF OFF SITE BORROW THAT WILL BE REQUIRED. FAILURE OF THE CONTRACTOR TO IDENTIFY/QUANTIFY THE AMOUNT OF UNSUITABLE MATERIAL TO BE REMOVED AND REPLACED DURING THE BID PROCESS WILL NOT RELIEVE THE CONTRACTOR OF COMPLETE PERFORMANCE UNDER THE CONSTRUCTION CONTRACT.

6. ALL IMPROVEMENTS SHOWN ARE TO BE WARRANTED BY THE CONTRACTOR TO THE DEVELOPER AND FERNANDINA BEACH FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY THE OWNER AND FERNANDINA BEACH.

7. FOR BOUNDARY, ROADWAY, AND BUILDING GEOMETRY INFORMATION SEE ENGINEERING SITE PLAN. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THAT THE BUILDING DIMENSIONS SHOWN ON THE ENGINEERING PLAN AGREES WITH THE DIMENSIONS SHOWN ON THE ARCHITECTURAL PLAN. IF ANY DIMENSIONS DO NOT AGREE, THE ARCHITECT, ENGINEER, AND OWNER SHALL BE NOTIFIED AND THE DIMENSIONS ADJUSTED PRIOR TO COMMENCING WITH CONSTRUCTION.

8. UNLESS DIRECTED OTHERWISE BY THE OWNER OR THE ENGINEER, THE CONTRACTOR WILL CONTRACT WITH AN INDEPENDENT TESTING LABORATORY TO PERFORM MATERIAL TESTING AND SOIL TESTING IN ACCORDANCE WITH FERNANDINA BEACH REQUIREMENTS. THIS SHALL INCLUDE DENSITY TESTS IN ALL PAVEMENT AREAS AND IN ALL UTILITY TRENCHES LOCATED IN PAVEMENT AREAS, CONCRETE TESTING AND ALL OTHER MATERIAL TESTING. PRIOR TO LIMEROCK PLACEMENT, THE PROJECT GEOTECHNICAL ENGINEER SHALL MAKE RECOMMENDATION FOR UNDERDRAIN PLACEMENT.

9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE REQUIRED FOR THE PROJECT INCLUDING FERNANDINA BEACH RIGHT-OF-WAY PERMITS FOR WORK IN THE FERNANDINA BEACH RIGHT-OF-WAY OR EASEMENT.

10. THE CONTRACTOR SHALL COORDINATE THEIR CONSTRUCTION WITH ALL OTHER CONTRACTORS. IN THE EVENT OF ANY CONFLICT WHATSOEVER, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND OWNER PRIOR TO PROCEEDING WITH CONSTRUCTION.

11. THE LOCATION OF ALL EXISTING UTILITIES, STRUCTURES AND IMPROVEMENTS SHOWN ON THE DRAWINGS IS BASED ON LIMITED INFORMATION AND MAY NOT HAVE BEEN FIELD VERIFIED. THE LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL NOTIFY RESPECTIVE UTILITY OWNERS AND FIELD VERIFY LOCATIONS OF EXISTING UTILITIES AND OTHER IMPROVEMENTS PRIOR TO COMMENCING ANY CONSTRUCTION. IF THE LOCATIONS SHOWN ARE CONTRARY TO THE ACTUAL LOCATIONS, THE CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER OF THE DISCREPANCY. THIS DISCREPANCY SHOULD BE RESOLVED PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING IN AREAS NEAR EXISTING UTILITIES AND IMPROVEMENTS AND SHALL BE RESPONSIBLE FOR AND SHALL REPAIR OR PAY FOR ALL DAMAGE MADE TO EXISTING UTILITIES OR OTHER IMPROVEMENTS. PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL GRADES, INVERTS AND TYPE OF MATERIAL OF EXISTING UTILITIES TO WHICH THEY SHALL CONNECT, AND NOTIFY THE OWNER AND ENGINEER OF ANY DISCREPANCIES.

12. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE CIVIL ENGINEER TO DETERMINE IF THIS PROJECT IS WITHIN THE FERNANDINA BEACH'S JURISDICTION FOR INSPECTION. IF SO, THEN IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE FERNANDINA BEACH FOR A PRE-CON MEETING FOR INSPECTIONS.

13. DUE TO THE PROXIMITY TO EXISTING RESIDENTIAL HOMES THE APPLICANT SHOULD LIMIT HOURS OF OPERATION TO DAYTIME HOURS AND PROVIDE MITIGATION TO NOISE FROM PUMPS IF 24 HOUR DEWATERING ACTIVITIES ARE REQUIRED.

14. THE BUILDING FOOTPRINTS SHOWN HEREON ARE APPROXIMATE. SEE ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSIONS.

15. THE MAXIMUM BUILDING HEIGHT SHALL NOT EXCEED 35'.

16. ALL STOP SIGNS SHALL BE FINISHED WITH DIAMOND GRADE HIGH REFLECTIVITY SURFACE.

17. ALL STOP BARS SHALL BE THERMO-PLASTIC MATERIAL.

18. MECHANICAL EQUIPMENT LOCATED ON THE GROUND AND/OR THE ROOFTOP SHALL BE SCREENED IN COMPLIANCE WITH LDC SECTION 6.06.04 B (9).

19. SOLID WASTE STORAGE DUMPSTER SCREENING AND LOCATION SHALL BE IN COMPLIANCE WITH LDC SECTION 6.06.04 B (8).

## PAVING & DRAINAGE NOTES:

1. "AS-BUILT" DRAWINGS - DRAINAGE AS-BUILTS PROVIDED TO FERNANDINA BEACH AND THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT ARE REQUIRED TO BE SIGNED AND SEALED BY A FLORIDA REGISTERED LAND SURVEYOR. THEREFORE, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTRACT WITH A LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA FOR THE PREPARATION, FIELD LOCATIONS, CERTIFICATION AND SUBMITTAL OF "AS-BUILT" DRAWINGS IN ACCORDANCE WITH CURRENT FERNANDINA BEACH STANDARDS AND SPECIFICATIONS AND SJRMWD REGULATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROCESS THE AS-BUILT DRAWINGS FOR APPROVAL BY FERNANDINA BEACH. IN ADDITION TO THE DRAINAGE SYSTEM THE "AS-BUILTS" SHALL SHOW THE ELEVATIONS AND LOCATION OF THE TOP OF BANK, WATER LEVEL, ANY POINTS OF CHANGE IN SLOPE, TOE OF SLOPE AND POND BOTTOM AT 100' MAXIMUM INTERVALS ALONG POND BANK FOR ALL POND CONSTRUCTION. ALL DIMENSIONS AND ELEVATIONS ON THE CONTROL STRUCTURE DETAILS SHALL BE SHOWN ON AS-BUILT DRAWINGS.

2. ALL AREAS SHOWN TO BE FILLED SHALL BE CLEARED AND GRUBBED IN ACCORDANCE WITH FERNANDINA BEACH STANDARDS AND SHALL BE FILLED WITH CLEAN STRUCTURAL FILL COMPACTED AND TESTED IN ACCORDANCE WITH THE GEOTECHNICAL INVESTIGATION REPORT.

3. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL SURVEY AND PROPERTY MONUMENTS. IF A MONUMENT IS DISTURBED, THE CONTRACTOR SHALL CONTRACT WITH THE SURVEYOR OF RECORD FOR REINSTALLATION OF THE MONUMENT.

4. ALL DEBRIS RESULTING FROM ALL ACTIVITIES SHALL BE DISPOSED OF OFF-SITE BY CONTRACTOR.

5. ALL EXCESS SUITABLE AND UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AT HIS EXPENSE UNLESS DIRECTED OTHERWISE BY ENGINEER OR OWNER.

6. ALL EXISTING TREES TO REMAIN SHALL BE PRESERVED AND PROTECTED.

7. BURNING OF TREES, BRUSH, AND OTHER MATERIAL SHALL BE APPROVED, PERMITTED, AND COORDINATED WITH FERNANDINA BEACH FIRE MARSHAL.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING A PERMANENT STAND OF SOD AND/OR GRASS PER FERNANDINA BEACH STANDARDS AND MEETING THE NPDES FINAL STABILIZATION REQUIREMENTS.

9. UNSUITABLE MATERIALS UNDER WATER PIPE, SEWER PIPE, STORM PIPE, OR STRUCTURES SHALL BE REMOVED AND REPLACED WITH SELECTED BACKFILL, PROPERLY COMPACTED AT CONTRACTOR'S EXPENSE.

10. THE CONTRACTOR SHALL COORDINATE THE WORK WITHIN FERNANDINA BEACH OR STATE RIGHT-OF-WAY WITH THE PROPER AGENCIES FOR MAINTENANCE OF TRAFFIC AND METHOD OF CONSTRUCTION AND REPAIR.

11. ALL CLEARING AND GRUBBING REQUIRED FOR ALL ROADWAY, UTILITIES, DITCHES, BERMS, AND BUILDINGS INCLUDED IN THIS PROJECT AND THE CLEARING AND GRUBBING OF ALL RIGHT-OF-WAY OR EASEMENTS SHALL BE CONSIDERED AS PART OF THIS PROJECT.

12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A DEWATERING PERMIT FROM THE SJRWMD.

13. PRIOR TO ANY DISCHARGE OF GROUND WATER (DEWATERING) FROM CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS PROJECT TO WATERS OF THE STATE (INCLUDING, BUT NOT LIMITED TO, WETLANDS, CREEKS, SWALES AND MUNICIPAL STORM SEWERS), THE CONTRACTOR SHALL TEST THE EFFLUENT (WATER TO BE DISCHARGED) IN ACCORDANCE WITH RULE 62-621.300(2), F.A.C. IF THE TEST RESULTS ON THE EFFLUENT ARE BELOW THE SCREENING VALUES OF RULE 62-621.300(2), F.A.C., THE CONTRACTOR SHALL SUBMIT A SUMMARY OF THE PROPOSED CONSTRUCTION ACTIVITY AND THE TEST RESULTS TO THE DEPARTMENT OF ENVIRONMENTAL PROTECTION DISTRICT OFFICE, WITHIN ONE (1) WEEK AFTER DISCHARGE BEGINS. THE CONTRACTOR SHALL CONTINUE TO SAMPLE THE EFFLUENT AS REQUIRED THROUGHOUT THE PROJECT AND COMPLY WITH ALL CONDITIONS OF RULE 62-621.300(2), F.A.C. IF THE GROUND WATER EXCEEDS THE SCREENING VALUES OF RULE 62-621.300(2), F.A.C., THE CONTRACTOR SHALL COMPLY WITH OTHER APPLICABLE RULES AND REGULATIONS PRIOR TO DISCHARGE OF THE EFFLUENT (GROUND WATER) TO SURFACE WATERS OF THE STATE.

14. FOR ALL STANDARD DETAILS SEE THE FERNANDINA BEACH STANDARD SPECIFICATIONS AND DETAILS, LATEST REVISION.

15. ALL PIPE LENGTHS ARE SCALED DIMENSIONS, MEASURED FROM CENTER OF STRUCTURE TO END OF MITERED END SECTIONS. STRUCTURES WITHIN FDOT RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH FDOT STANDARDS. ALL DRAINAGE STRUCTURES SHALL BE CONSTRUCTED TO CONFORM WITH FERNANDINA BEACH REQUIREMENTS AND SHALL BE CONSTRUCTED TO CONFORM WITH CURBING, PROPERTY LINES, AND LOW POINTS AS SHOWN ON THE PLANS.

16. CONTRACTOR SHALL INSURE THAT ALL DRAINAGE STRUCTURES, PIPES, ETC. ARE CLEAN AND FUNCTIONING PROPERLY AT TIME OF ACCEPTANCE.

17. ALL DRAINAGE STRUCTURES SHALL HAVE TRAFFIC BEARING GRATES.

18. ALL DRAINAGE PIPE JOINTS ARE TO BE FILTER-WRAPPED.

19. ALL INVERTS IN DRAINAGE STRUCTURES TO BE PRECAST OR BRICK WITH LAYER OF MORTAR BETWEEN EACH LAYER OF BRICK, OR REDDI-MIX CONCRETE WITH #57 STONE.

20. THE CONTRACTOR SHALL PROVIDE HANDICAP RAMPS AT ALL SIDEWALK AND CURB CONNECTIONS. HANDICAP RAMPS SHALL MEET ALL APPLICABLE ADA REQUIREMENTS.

21. ALL UNDERGROUND UTILITIES MUST BE INSTALLED PRIOR TO PREPARATION OF SUBGRADE FOR PAVEMENT.

22. IF DEWATERING CAPACITY REQUIRES A CONSUMPTIVE USE PERMIT (C.U.P.), IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE PERMIT THROUGH THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT.

23. ALL DIMENSIONS TO EDGE OF PAVEMENT UNLESS OTHERWISE SHOWN. ALL EDGE OF PAVEMENT RADII ARE TO BE 5' UNLESS OTHERWISE NOTED.

24. ALL DRAINAGE PIPES INSTALLED WITHIN ROADWAY RIGHT-OF-WAYS/EASEMENTS (PUBLIC OR PRIVATE) SHALL BE TELEVISED BY A COMPANY OR INDIVIDUAL CERTIFIED TO PERFORM SUCH WORK PER LDC 6.04.07.L.5.G. THIS REQUIREMENT MAY ONLY BE WAIVED ON COMMERCIAL SITES IF THE ENGINEER OF RECORD CERTIFIES BY LETTER THAT THE SITE DOES NOT RECEIVE ANY RUNOFF FROM FERNANDINA BEACH RIGHT-OF-WAYS. IF THERE IS ANY CONNECTION OR RELATIONSHIP BETWEEN THE PROJECT SITE AND A FERNANDINA BEACH OWNED OR MAINTAINED DITCH, POND, OR STRUCTURE, IT SHALL BE REQUIRED. THIS TELEVISING OF THE DRAINAGE LINE SHALL BE DONE IN COLOR AND SHALL BE OF SUCH QUALITY AS TO VISUALLY IDENTIFY THE PROPER CONSTRUCTION OF ALL JOINTS AND PIPE ALIGNMENT. A VIDEO TAPE SHALL BE PROVIDED TO THE FERNANDINA BEACH UPON COMPLETION. THE TELEVISING OF THE DRAINAGE LINES SHALL BE PERFORMED AFTER THE PLACEMENT OF THE BASE MATERIAL AND PRIOR TO THE FINAL WEARING SURFACE OF THE ROADWAY. THE APPROVAL, BY THE FERNANDINA BEACH, OF THE TELEVISING SHALL BE REQUIRED PRIOR TO THE PLACEMENT OF THE FINAL WEARING SURFACE OF THE ROADWAY. TELEVISED RECORD SHALL BE REVIEWED AND CERTIFIED BY THE ENGINEER OF RECORD (EOR).

25. PLEASE BE AWARE THAT ALL DETECTABLE WARNING SURFACES FOR SIDEWALK AT CURB CUT HANDICAP RAMPS UNDER THE JURISDICTION OF FERNANDINA BEACH SHALL BE A FERNANDINA BEACH APPROVED YELLOW COLORED COMPOSITE MATERIAL ANCHORED IN THE CONCRETE SIDEWALK RAMP. ANCHORED COMPOSITE WARNING AREA INSERTS ARE TO BE COLORED "SAFETY YELLOW", ARE TO BE SET INTO THE CONCRETE AND ARE TO BE FLUSH WITH CONCRETE SURFACE ALONG ALL FOUR SIDES. DESIGN DIMENSIONS OF DETECTABLE WARNING AREA SHALL CONFORM TO FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD INDEX 304, SHEETS 1 THROUGH 6, AND 28 CODE OF FEDERAL REGULATIONS (CFR) PART 36, APPENDIX A LATEST REVISION, AS WELL AS APPLICABLE FERNANDINA BEACH REQUIREMENTS.

26. ALL SIDEWALKS AND CURB CUT RAMPS UNDER THE JURISDICTION OF FERNANDINA BEACH SHALL BE DESIGNED AND CONSTRUCTED TO CONFORM TO FDOT STANDARD INDEX 304 AND 310; AND TITLE 28, PART 36, APPENDIX A, CODE OF FEDERAL REGULATIONS (CFR) LATEST REVISION, AS WELL AS MEETING ALL ADA REQUIREMENTS.

27. PRIOR TO INSTALLATION OF STORM OR SANITARY SEWER, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL CROSSINGS AND INFORM THE ENGINEER OF ANY CONFLICTS PRIOR TO CONSTRUCTION. THE ENGINEER WILL BE HELD HARMLESS IN THE EVENT THE HE/SHE IS NOT NOTIFIED OF DESIGN CONFLICTS.

28. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF VARIOUS UTILITY COMPANIES, AND MEASUREMENTS TAKEN IN THE FIELD WHEN POSSIBLE. THE INFORMATION SHOWN HEREON, IS NOT BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES.

29. UNLESS OTHERWISE INDICATED ALL STORM SEWER SHALL BE BEDDED IN ACCORDANCE WITH DETAIL GD15 TYPE "B", AS SHOWN ON SHEET 13 - CONSTRUCTION DETAILS. UNLESS CONDITIONS IN THE FIELD DICTATE THE USE OF TYPE "A" BEDDING, AS SHOWN ON SHEET 13 - CONSTRUCTION DETAILS.

30. POND SLOPES AS SHOWN ARE THE MAXIMUM ALLOWABLE SLOPE. IF SITE CONDITIONS OR OTHER ISSUES, SUCH AS GROUNDWATER SEEPAGE CAUSE SLOPE FAILURE, IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO CORRECT THE SLOPES TO MEET THE INTENT OF THE DESIGN. CONTRACTOR IS TO NOTIFY ENGINEER IMMEDIATELY OF THESE ISSUES SO THAT ENGINEER MAY ASSIST WITH THE CORRECTIVE ACTION.

31. ALL STORM PIPE ON THIS PLAN SET, MUST MEET THE FOLLOWING STANDARDS: PP PIPE (12 INCHES TO 60 INCHES) FOR SIDE DRAIN, STORM DRAIN, AND OTHER SPECIFIED APPLICATIONS SHALL MEET THE REQUIREMENTS OF AASHTO MP21-11.

## GENERAL SIGNING & MARKING NOTES:

1. ALL STRIPING SHALL CONFORM TO FERNANDINA BEACH AND/OR FDOT SPECIFICATIONS.

2. MATCH EXISTING PAVEMENT MARKINGS AT THE BEGINNING AND ENDING OF PROJECT AND ALL SIDE STREETS.

3. SIGNS SHALL BE PLACED IN ACCORDANCE WITH INDEX NO. 11860, 17302, AND 17346.

4. SIGN ASSEMBLY LOCATIONS SHOWN ON PLANS WHICH ARE IN CONFLICT WITH LIGHTING, UTILITIES, DRIVEWAYS, CURB CUTS, ETC. SHALL BE ADJUSTED AS DIRECTED BY ENGINEER.

5. EXISTING SIGNS TO BE REMOVED SHALL BE DELIVERED AND STOCKPILED ON SITE IN THE MATERIALS STORAGE AREA AND RETURNED TO THE OWNER.

6. COST FOR SIGNING AND MARKING, IF ANY, SHALL BE INCLUDED IN THE COSTS FOR PAVEMENT.

## GENERAL DEMOLITION NOTES:

1. ALL UTILITIES SHALL REMAIN IN PLACE AND UNHARMED UNLESS SPECIFICALLY INDICATED OTHERWISE BY THE DEMOLITION PLANS (SHEETS 8 AND 7).

2. THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY ABANDONING WELLS OR SEPTIC SYSTEMS FOUND DURING CONSTRUCTION. ABANDONMENT SHALL BE IN ACCORDANCE WITH ALL FERNANDINA BEACH, STATE REGULATIONS, PER THE REQUIREMENTS SET FORTH IN THE F.A.C.

## EROSION CONTROL NOTES:

1. NO CONSTRUCTION ACTIVITY INVOLVING EXCAVATION, DENUDING OR DEMOLITION OF ANY SITE SURFACE OR STOCKPILING OF ANY EARTHEN OR AUDIBLE MATERIALS SHALL BEGIN WITHOUT AN APPROVED PLAN AND/OR WRITTEN CONSENT BY THE FERNANDINA BEACH PUBLIC WORKS.

2. THE CONTRACTOR SHALL ESTABLISH ALL EROSION CONTROL MEASURES PRIOR TO EXCAVATION, DENUDING OR DEMOLITION OF ANY SITE SURFACE OR STOCKPILING OF ANY EARTHEN OR ERODIBLE MATERIALS.

3. THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES THROUGHOUT THE DEVELOPMENT OF THE PROJECT AND SHALL NOT REMOVE ANY EROSION CONTROL MEASURE UNTIL ALL CONTRIBUTING SITE SURFACES AND VEGETATION HAVE BEEN ESTABLISHED AND STABILIZED.

4. THE CONTRACTOR SHALL PERFORM DAILY CLEAN UP OF ALL SEDIMENT AND DEBRIS WHICH LEAVES THE PROJECT SITE(S).

5. THE CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL FERNANDINA BEACH STORM DRAIN SYSTEMS WHICH RECEIVE SEDIMENT OR DEBRIS AS A RESULT OF CONSTRUCTION, STOCKPILING OR DISPOSAL ACTIVITIES. CLEANING OF THE STORM DRAIN WILL OCCUR FROM THE POINT OF INTERCEPT TO THE OUTFALL OF THE SYSTEM OR TO A POINT WITHIN THE SYSTEM WHERE SEDIMENT OR DEBRIS IS NO LONGER PRESENT.

6. RAIN DAYS CLAIMED BY THE CONTRACTOR, DO NOT EXCUSE THE CONTRACTOR OF DAILY INSPECTION AND MAINTENANCE OF ALL SITE EROSION CONTROL MEASURES AND CLEANUP.

7. ALL SEDIMENT COLLECTION SYSTEMS MUST BE MUCKED OUT WHEN 1/3 FULL, MUCKED SEDIMENT MUST BE PROPERLY CONTAINED AND DISPOSED.

## GENERAL LANDSCAPE NOTES:

1. LOCATE ALL UTILITIES AND SITE LIGHTING CONDUITS BEFORE LANDSCAPE CONSTRUCTION BEGINS.

2. NOTIFY LANDSCAPE ARCHITECT OR DESIGNATED REPRESENTATIVE OF ANY LAYOUT DISCREPANCIES PRIOR TO ANY PLANTING.

3. FERTILIZE ALL PLANTS AT THE TIME OF PLANTING WITH TIME RELEASE FERTILIZER.

4. PLANT MATERIAL SHALL CONFORM TO THE STANDARDS FOR GRADE #1 OR BETTER AS GIVEN IN THE LATEST "GRADES AND STANDARDS FOR NURSERY PLANTS, PARTS I AND II", FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES OR TO THE STANDARDS AS GIVEN IN THE LATEST "AMERICAN STANDARD FOR NURSERY STOCK", AMERICAN NATIONAL STANDARDS INSTITUTE.

5. REMOVE ALL DEAD WOOD AND PRUNE TREES ACCORDING TO THE PRUNING GUIDELINES BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE, 1995 EDITION. IF ARBORIST BELIEVES A LIMB SHOULD NOT BE REMOVED THE ARBORIST SHALL CONTACT THE LANDSCAPE DESIGNER. REMOVE ALL DEBRIS FROM THE SITE TO AN APPROVED OFF-SITE LOCATION. FOLLOW THE "AMERICAN NATIONAL STANDARDS FOR TREE CARE OPERATIONS" AND ANSI Z133.1 GUIDELINES.

6. TREES SHALL HAVE A MINIMUM HEIGHTS OF (8) EIGHT TO (10) TEN FEET AND (2) TWO INCHES OF CALIPER.

7. ALL DISTURBED AREAS MUST BE STABILIZED BY MEANS OF MULCH, SEEDING, OR SOD AS CALLED OUT ON THIS PLAN. IF DISTURBED AREA IS OUTSIDE OF THE LIMITS OF THIS PLAN, AREAS MUST BE STABILIZED WITH EXISTING MATERIAL OR BETTER. I.E. SEEDING OR SODDING.

8. VEGETATION THAT EXCEEDS TWENTY-FIVE (25) FEET IN HEIGHT AT MATURITY SHOULD NOT BE PLANTED CLOSER THAN TEN (10) FEET OF THE VERTICAL PLANE OF AN EXISTING POWER LINE, EXCLUDING SERVICE WIRES.

9. BALLED AND BURLAPPED STRAPPING WIRE, AND ANY SYNTHETIC MATERIAL SHALL BE REMOVED PRIOR TO FINAL INSPECTION. WIRE BASKETS SHOULD BE PULLED AWAY FROM THE TRUNKS. WIRE BASKETS SHOULD BE CUT AWAY FROM THE TOP 1/3 OF THE ROOT BALL.

10. TREES SHALL NOT BE PLANTED CLOSER THAN TEN (10) FEET FROM OTHER TREES UNLESS APPROVED BY THE FERNANDINA BEACH ADMINISTRATOR. CANOPY TREES SHOULD BE SPACED A MINIMUM OF 20' TO 30'.

11. A MULCH RING OF PINE STRAW OR PINE BARK SHALL BE PROVIDED AT LEAST FIVE (5) FEET IN DIAMETER AND NOT CLOSER THAN SIX (6) INCHES FROM THE TREE TRUNK, FOR ALL NEWLY PLANTED TREES.

12. PINE STRAW OR PINE BARK MULCH SHALL BE PROVIDED A MINIMUM OF FOUR (4) INCHES OF DEPTH AROUND ALL NEWLY PLANTED LANDSCAPING.

13. SHRUB LINES ARE TO BE PLANTED AT THE REQUIRED MINIMUM HEIGHT, NOT BY A CONTAINER SIZE.

14. SOIL IN TREE ISLANDS SHALL HAVE AT LEAST 12" OF SUITABLE SOIL FOR TREE PLANTINGS, AND BE VOID OF ANY CONSTRUCTION DEBRIS OR UNSUITABLE MATERIAL.

15. IRRIGATION SHALL BE PROVIDED WITH AN AUTOMATIC IRRIGATION SYSTEM FOR ALL NEWLY PLANTED MATERIAL, UNLESS AN ALTERNATE MEANS IS APPROVED, ALL TREES SHALL BE IRRIGATED BY BUBBLER TYPE EMITTERS.

16. TREES SHALL NOT BE PLANTED CLOSER THAN 7.5' FROM THE CENTERLINE OF UNDERGROUND UTILITIES.

17. UNLESS OTHERWISE SPECIFIED, NO HIGH VOLUME IRRIGATION IS PROPOSED ON THESE PLANS.

18. UNLESS OTHERWISE SPECIFIED, ALL SOD SHALL BE BAHIA.

## ROW IMPROVEMENT NOTES:

1. ALL EXISTING UTILITIES ARE TO BE ADJUSTED TO FINAL GRADE.

2. CONTRACTOR SHALL REMOVE ANY CONFLICTING STRIPING.

## GENERAL FIRE PROTECTION NOTES:

1. FIRE PROTECTION FOR THE PURPOSE OF THESE PLANS IS ANY UNDERGROUND WATER LINE NOT OWNED AND MAINTAINED BY A PUBLIC UTILITY AS WELL AS ANY PRIVATE FIRE SERVICE MAIN AND PIPE AND ITS APPURTENANCES ON PRIVATE PROPERTY (1) BETWEEN A SOURCE OF WATER AND THE BASE OF THE SYSTEM RISER FOR WATER-BASED FIRE PROTECTION SYSTEMS, (2) BETWEEN A SOURCE OF WATER AND INLETS TO FOAM-MAKING SYSTEMS, (3) BETWEEN A SOURCE OF WATER AND THE BASE ELBOW OF PRIVATE HYDRANTS OR MONITOR NOZZLES AND (4) USED AS FIRE PUMP SUCTION AND DISCHARGE PIPING, (5) BEGINNING AT THE INLET SIDE OF THE CHECK VALVE ON A GRAVITY OR PRESSURE TANK.

2. THIS SHALL ALSO APPLY TO COMBINED SERVICE MAINS USED TO CARRY WATER FOR FIRE SERVICE AND OTHER USES. I.E. DOMESTIC.

3. STANDARDS TO BE REFERENCED ARE TO BE THE MOST CURRENT AS ADOPTED BY THE FLORIDA FIRE PREVENTION CODE:
   NFPA 24, INSTALLATION OF PRIVATE FIRE SERVICE MAINS & THEIR APPURTENANCES
   NFPA 20, STANDARD FOR INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION
   NFPA 22, STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION
   NFPA 16, STANDARD ON DELUGE FOAM-WATER SPRINKLER & FOAM-WATER SPRAY SYSTEMS
   NFPA 1963 STANDARD FOR FIRE HOSE CONNECTIONS

4. ITEMS ON THE CONSTRUCTION PLANS SHALL INCLUDE BUT NOT LIMITED TO SCALE DRAWINGS AND DETAILS AND TO INCLUDE THE FOLLOWING ITEMS WHEN THEY ARE APPLICABLE TO THE SYSTEM BEING INSTALLED:
   A. NAME OF OWNER AND OCCUPANT.
   B. LOCATION, INCLUDING STREET ADDRESS.
   C. POINT OF COMPASS.
   D. A GRAPHIC REPRESENTATION OF THE SCALE USED ON ALL PLANS.
   E. NAME AND ADDRESS OF CONTRACTOR.
   F. SIZE AND LOCATION OF ALL WATER SUPPLIES.
   G. SIZE AND LOCATION OF ALL PIPING, INDICATING, WHERE POSSIBLE, THE CLASS AND TYPE AND DEPTH OF EXISTING PIPE, THE CLASS AND TYPE OF NEW PIPE TO BE INSTALLED, AND THE DEPTH TO WHICH IT IS TO BE BURIED.
   H. SIZE, TYPE, AND LOCATION OF VALVES. INDICATE IF LOCATED IN PIT OR IF OPERATION IS BY POST INDICATOR OR KEY WRENCH THROUGH A CURB BOX.
   I. LOCATION OF FIRE DEPARTMENT CONNECTIONS, IF PART OF PRIVATE FIRE SERVICE MAIN SYSTEM, INCLUDING DETAIL OF CONNECTIONS.
   J. SPRINKLER AND STANDPIPE RISERS AND MONITOR NOZZLES TO BE SUPPLIED BY THE SYSTEM.
   K. LOCATION OF FIRE DEPARTMENT CONNECTIONS, IF PART OF PRIVATE FIRE SERVICE MAIN SYSTEM, INCLUDING DETAIL OF CONNECTIONS.
   L. ALL COMPONENTS MUST HAVE LISTING WITH FIRE PROTECTION PER NFPA 24.
   M. ALL FIRE HYDRANTS INSTALLED IN ST. JOHNS COUNTY MUST HAVE A SINGLE 4.5 INCH HOSE OUTLET, AND TWO (2.5) INCH HOUSE OUTLETS, ALL WITH MALE NH STANDARD THREADS, IN ACCORDANCE WITH NFPA 1963.

5. A COPY THESE APPROVED ENGINEERED PLANS SHALL ACCOMPANY A REQUIRED FIRE MARSHAL UNDERGROUND PERMIT SUBMITTED BY A CERTIFIED CONTRACTOR. THIS UNDERGROUND PERMIT WILL REQUIRE ADDITIONAL DETAILS AND SPECS AT THE TIME OF SUBMITTAL TO THE FIRE MARSHAL'S OFFICE.

6. CONTRACTORS INSTALLING THE UNDERGROUND PIPING IN ACCORDANCE WITH THE ABOVE REFERENCE STANDARDS FOR A FIRE PROTECTION SYSTEM USING WATER AS THE EXTINGUISHING AGENT BEGINNING AT THE POINT AT WHICH THE PIPING IS USED EXCLUSIVELY FOR FIRE PROTECTION AND ENDING NO MORE THAN 1 FOOT ABOVE THE FLOOR SHALL BE REQUIRED TO HAVE A CLASS I, II, OR V FIRE PROTECTION CONTRACTORS LICENSE PURSUANT TO CHAPTER 633, FLORIDA STATUTES. GENERAL CONTRACTORS ARE REMINDED THAT THEY ARE RESPONSIBLE FOR VERIFYING THAT THEIR SUBCONTRACTORS HOLD THE REQUIRED LICENSES. CONTRACTORS FOUND TO BE VIOLATING THIS REQUIREMENT MAY BE REPORTED TO THE DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION AND/OR THE STATE FIRE MARSHAL'S REGULATORY LICENSING SECTION.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A PERMIT FROM THE FIRE MARSHAL'S OFFICE PRIOR TO THE START OF SITE CONSTRUCTION IN ACCORDANCE WITH THE ABOVE REFERENCED STANDARDS.

8. NOTE: MINIMUM WORKING PRESSURE OF THE UNDERGROUND PIPING SHALL BE 150 PSI. NFPA 24 REQUIRES SPECIFIC PVC PIPING TO MEET TABLE C-900 WITH MANUFACTURING LISTING FOR FIRE PROTECTION.

9. ALL FIRE LINES MUST BE INSPECTED BY THE FIRE MARSHAL'S OFFICE PRIOR TO BACKFILL. THE CODE REQUIRES ALL JOINTS EXPOSED FOR INSPECTION WITH FILL IN-BETWEEN JOINTS. ALL PIPING AND ATTACHED APPURTENANCES SUBJECTED TO SYSTEM WORKING PRESSURE SHALL BE HYDROSTATICALLY TESTED AT 200 PSI OR 50 PSI IN EXCESS OF THE SYSTEM WORKING PRESSURE, WHICHEVER IS GREATER, AND SHALL MAINTAIN THAT PRESSURE WITHOUT LOSS FOR2 HOURS.

## EXISTING LEGEND

PROPERTY / RIGHT OF WAY LINE
WETLAND LINE
ROADWAY CENTERLINE
CURB & GUTTER
WETLANDS
XX.XX — SPOT ELEVATION
GRAVITY SEWER
FORCE MAIN SEWER
WATER MAIN
MAJOR CONTOUR
MINOR CONTOUR

## PROPOSED LEGEND

PROPERTY / RIGHT OF WAY LINE
DRAINAGE EASEMENT LINE
UTILITY EASEMENT LINE
ROADWAY CENTERLINE
BUILDING SETBACK LINE
CURB & GUTTER
UPLAND BUFFER HATCH
LOT AREA
XX.XX — SPOT ELEVATION
2:1 — SLOPE INDICATOR
DRAINAGE SWALE / FLOW DIRECTION
EXISTING TREE TO BE REMOVED
EXISTING TREE TO BE SAVED
TREE PROTECTION FENCING
STORM PIPE
STORM DITCH BOTTOM INLET
CURB INLET
MITERED END SECTION
HEADWALL
STORM MANHOLE
XX.XX TC / XX.XX EP — SPOT ELEVATION
MAJOR CONTOUR
MINOR CONTOUR
DRAINAGE DIVIDE
FLOW DIRECTION
%SLOPE — SLOPE
SILT FENCE
CRP-1 — CONSTRUCTION REFERENCE POINT
PROPOSED WATER MAIN W/SIZE
PROPOSED GATE VALVE W/BOX AND COVER
FIRE HYDRANT ASSEMBLY
SINGLE WATER SERVICE
FLUSHING VALVE
PROPOSED SANITARY SEWER MAIN
PROPOSED SANITARY SEWER MANHOLE
SANITARY SEWER CLEAN OUT
SANITARY SEWER SERVICE LATERAL
PROPOSED SANITARY SEWER FORCE MAIN
PROPOSED FIRE PROTECTION MAIN
REDUCED PRESSURE BACK FLOW PREVENTER
C1 — UTILITY CROSSING
SAMPLE POINT (SP)
END OF WATER MAIN PLUG
DOUBLE WATER SERVICE
L1 — LINE NUMBER
C1 — CURVE NUMBER
00+00 — STATION NUMBER
58 — LOT NUMBER
XX — NUMBER OF PARKING SPACES

## ABBREVIATIONS

| ABBREVIATION | DESCRIPTION |
|---|---|
| A | ARC |
| AC | ACRE |
| BOC | BACK OF CURB |
| BFP | BACK FLOW PREVENTER |
| BLDG | BUILDING |
| BM | BENCHMARK |
| BOTT | BOTTOM |
| CI | CURB INLET |
| CO | CLEANOUT |
| CB | CHORD BEARING |
| CH | CHORD |
| CMP | CORRUGATED METAL PIPE |
| CONC | CONCRETE |
| CONSTR | CONSTRUCT |
| CONT | CONTINUATION |
| COORD | COORDINATE |
| DBL CI | DOUBLE CURB INLET |
| DE | DRAINAGE EASEMENT |
| DHW | DESIGN HIGH WATER |
| DIP | DUCTILE IRON PIPE |
| Δ | DELTA |
| E | EAST |
| EOP | EDGE OF PAVEMENT |
| EL | ELEVATION |
| ERCP | ELLIPTICAL REINFORCED CONCRETE PIPE |
| ESMT | EASEMENT |
| EXIST | EXISTING |
| FF | FINISH FLOOR |
| FH | FIRE HYDRANT |
| FL | FLOW LINE |
| FM | FORCE MAIN |
| FP | FIRE PROTECTION MAIN |
| FV | FLUSHING VALVE |
| GV | GATE VALVE |
| HDPE | HIGH DENSITY POLYETHYLENE |
| HDWL | HEADWALL |
| HWL | HIGH WATER LEVEL |
| INV | INVERT |
| L | LENGTH |
| LF | LINEAR FEET |
| MES | MITERED END SECTION' |
| MAX | MAXIMUM |
| H | MANHOLE |
| MIN | MINIMUM |
| N | NORTH |
| NIC | NOT IN CONTRACT |
| NG | NATURAL GRADE |
| NTS | NOT TO SCALE |
| NWL | NORMAL WATER LEVEL |
| PC | POINT OF CURVATURE |
| PCC | POINT OF COMPOUND CURVE |
| PI | POINT OF INTERSECTION |
| POB | POINT OF BEGINNING |
| PRC | POINT OF REVERSE CURVE |
| PT | POINT OF TANGENCY |
| PVC | POINT OF VERTICAL CURVATURE |
| PVI | POINT OF VERTICAL INFLECTION |
| PVT | POINT OF VERTICAL TANGENCY |
| PVMT | PAVEMENT |
| PVC | POLYVINYL CHLORIDE PIPE |
| R | RADIUS |
| RP | RADIUS POINT |
| R/W | RIGHT OF WAY |
| RCP | REINFORCED CONCRETE PIPE |
| RED | REDUCER |
| RPZBFP | REDUCED PRESSURE BACKFLOW PREVENTER |
| S | SOUTH |
| SAN | SANITARY |
| SEP | SEPARATION |
| SL | SLOPE |
| SP | SAMPLE POINT |
| SHT | SHEET |
| STA | STATION |
| SWMF | STORM WATER MANAGEMENT FACILITY |
| TOB | TOP OF BANK |
| SWR | SEWER |
| TOC | TOP OF CURB |
| TRI CI | TRIPLE CURB INLET |
| TYP | TYPCAL |
| UDAE | UNOBSTUCTED DRAINAGE & ACCESS EASEMENT |
| UDE | UNOBSTUCTED DRAINAGE EASEMENT |
| UE | UTILITY EASEMENT |
| VC | VERTICAL CURVE |
| W | WEST |
| WM | WATER MAIN |

REGISTERED ENGINEER
SCOTT A. KNOWLES, P.E.
CA#26535 FL.#55391

REVISIONS

| NO. | DATE | DESCRIPTION |
|---|---|---|
| 1 | 8/29/2019 | UPDATES PER COFB TRC COMMENTS |
| 2 | 11/8/2019 | UPDATED PER COFB TRC COMMENTS (2ND SUBMITTAL) |
| ---- | ---- | ---- |
| ---- | ---- | ---- |
| ---- | ---- | ---- |

DSGN BY: SAK
DWG BY: MS & KJM
CHK BY: SAK
DATE: 11/8/2019
JOB No.: 18037

MATTHEWS DESIGN GROUP, INC.
P.O. BOX 3126, 7 WALDO STREET
ST. AUGUSTINE, FLORIDA 32084
PHONE: 904.826.1334
FAX: 904.826.4547
INFO@MATTHEWSDESIGN.NET

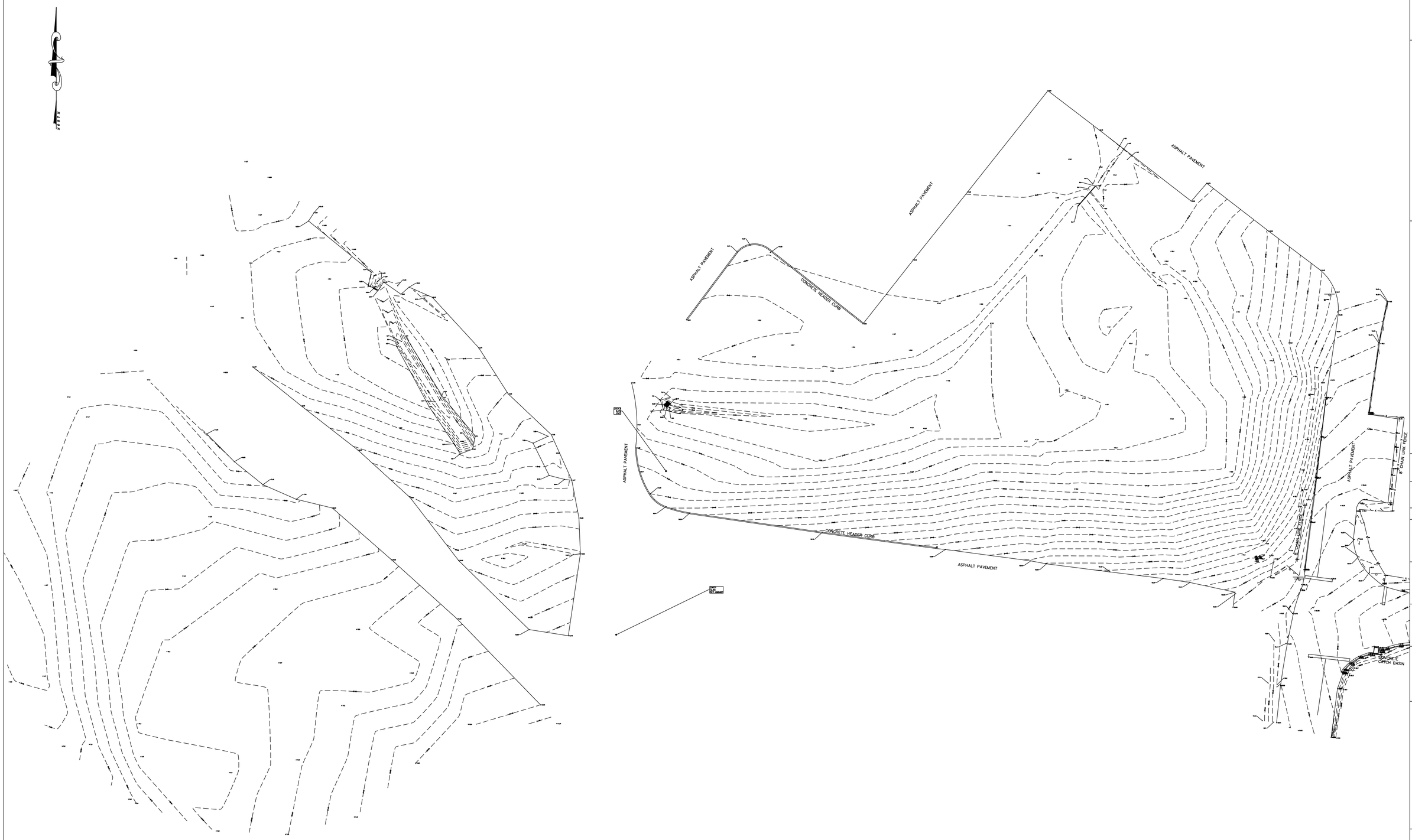
# GENERAL NOTES SHEET
## WESTROCK DROP YARD
FERNANDINA BEACH
PREPARED FOR
WESTROCK FERNANDINA MILL

SHEET No.: 2 OF 17

S:\PROJECTS\18000\18037 - WESTROCK DROP YARD\DRAWINGS\CONSTRUCTION DOCUMENTS\18037 - GENERAL NOTES SHEET.DWG_2 GENERAL NOTES SHEET, 10/29/2020 9:06 AM, Branden Marcinell, MATTHEWS DESIGN GROUP, INC.

MAP OF SURVEY
S82°08'56"E 60.00'
N82°08'56"W 60.00'
N07°42'56"E 400.00'
S07°42'56"W 400.00'
7TH STREET
(60' R/W)
6TH STREET
(60' R/W)
ESCAMBIA STREET
(60' R/W)
SOUTH R/W LINE
NORTH R/W LINE
EAST R/W LINE
WEST R/W LINE
24,000.00 SQFT
0.55 ACRES ±
LEGEND
(A) = ACTUAL
(P) = PLAT
I.R. = IRON ROD
O.R.B. = OFFICIAL RECORDS BOOK
R/W = RIGHT OF WAY
▲ = SET FLAG STAKE
GRAPHIC SCALE
( IN FEET )
1 inch = 100 ft.
TYPICAL LOT DETAIL
(1" = 100')
100.00'(P)
GENERAL NOTES
1. THIS IS NOT A BOUNDARY SURVEY, NOR DOES IT PURPORT TO BE SUCH.
2. THE SURVEY WAS PERFORMED TO DETERMINE THE LOCATION OF FLAG STAKES SET ALONG THE RIGHTS OF WAY OF 7TH STREET AND ESCAMBIA STREET AS SHOWN HEREON, PER THE PLAT.
3. BEARINGS SHOWN HEREON REFER TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM OF 1983 (NAD 83) WITH ADJUSTMENT OF 1990 (NA83-90) AS DERIVED BY A TRIMBLE R8 BASE STATION AND VERIFIED BY REDUNDANT MEASUREMENTS.
4. ALL DIMENSIONS SHOWN HEREON ARE IN FEET AND IN TENTHS AND ARE BASED ON THE FOOT.
5. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF TITLE COMMITMENT.
6. NOTICE: THERE MAY BE ADDITIONAL RESTRICTIONS THAT ARE NOT SHOWN ON THIS SURVEY. THIS SURVEY MAY NOT REFLECT ALL EASEMENTS OF RECORD.
ARC SURVEYING & MAPPING, INC.
5202 SAN JUAN AVENUE.
JACKSONVILLE, FLORIDA
32210 PHONE: 904/384-8377
LICENSED BUSINESS NO. 6487
DRAWN BY: JMB
DATE: 07-20-2019
SHEET # 1 OF 1
JOB NO. 170318-05
THIS IS TO CERTIFY THAT THE ABOVE LANDS WERE SURVEYED UNDER MY RESPONSIBLE SUPERVISION AND DIRECTION, THAT THE SURVEY MEETS THE MINIMUM TECHNICAL STANDARDS THAT THE SURVEY WAS PERFORMED IN ACCORDANCE WITH THE STANDARDS OF PRACTICE SPECIFIED BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS, CHAPTER 5J-17 OF THE FLORIDA ADMINISTRATIVE CODES.
BOB L. PITMAN P.S.M. OF 07-24-2019
Florida Registered Professional No. 4827
NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

# MAP SHOWING TOPOGRAPHIC SURVEY OF




GRAPHIC SCALE

30 0 15 30 60 120

( IN FEET )
1 inch = 30 ft.

TOPOGRAPHIC LEGEND
x 20.00 = TOPOGRAPHIC HARD SPOT SHOT
x 20.0 = TOPOGRAPHIC SOFT SPOT SHOT
----(5)---- = MAJOR CONTOUR 5.0' INTERVAL
----(1)---- = MINOR CONTOUR 1.0' INTERVAL
(NAVD_88) = NORTH AMERICAN VERTICAL DATUM OF 1988
(NGVD_29) = NATIONAL GEODETIC VERTICAL DATUM OF 1929

## GENERAL NOTES

1. BEARINGS AND DISTANCES ESTABLISHED FROM XXXXXXXXXX
2. DIMENSIONS SHOWN THUS 25.0' AND DENOTE BUILDING, CONCRETE AND FENCE TIES.
3. ALL DIMENSIONS SHOWN HEREON ARE IN FEET AND IN TENTHS AND ARE BASED ON THE U.S. SURVEY FOOT.
4. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF TITLE COMMITMENT.
5. NOTICE: THERE MAY BE ADDITIONAL RESTRICTIONS THAT ARE NOT SHOWN ON THIS SURVEY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY.
6. THE LANDS SHOWN HEREON LIE WITHIN FEMA FLOOD INSURANCE ZONE "X" ACCORDING TO FLOOD INSURANCE RATE MAP XXXXXXXXX, DATED XX/XX/XXXX FOR DUVAL COUNTY, FLORIDA.

THIS IS TO CERTIFY: THAT THE ABOVE LANDS WERE SURVEYED UNDER MY DIRECTION AND THE SURVEY AND SKETCH HEREON CONFORMS TO THE STANDARDS OF PRACTICE AS SHOWN AND DEFINED IN CHAPTER 5J-17 OF THE FLORIDA ADMINISTRATIVE CODE.

ENCROACHMENTS EXCEPT AS SHOWN AND DEFINED IN CHAPTER 5J-17.052 WERE NOT LOCATED. THIS SURVEY MEETS THE STANDARDS OF PROFESSIONAL SURVEYORS AND MAPPERS.

BOB L. PITTMAN, P.S.M. No. 4827
FLORIDA REGISTERED PROFESSIONAL SURVEYOR AND MAPPER
NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED PROFESSIONAL SURVEYOR AND MAPPER.

| PROJECT NO. | FILE NO. | SHEET X OF X |
|---|---|---|
| 17-03-18 | 17-03-18 | |

| No. | Approved | Date | Description |
|---|---|---|---|
| | | | |

| | | | |
|---|---|---|---|
| File name: | Party Chief: C.V. | Drawing Date: 09/26/17 | Dwn by: JDY |
| Reference files: | Field Bk/Pg N/A | Survey Date: 09/25/17 | Ckd by: BLP |
| | | Certified To: WESTROCK | |

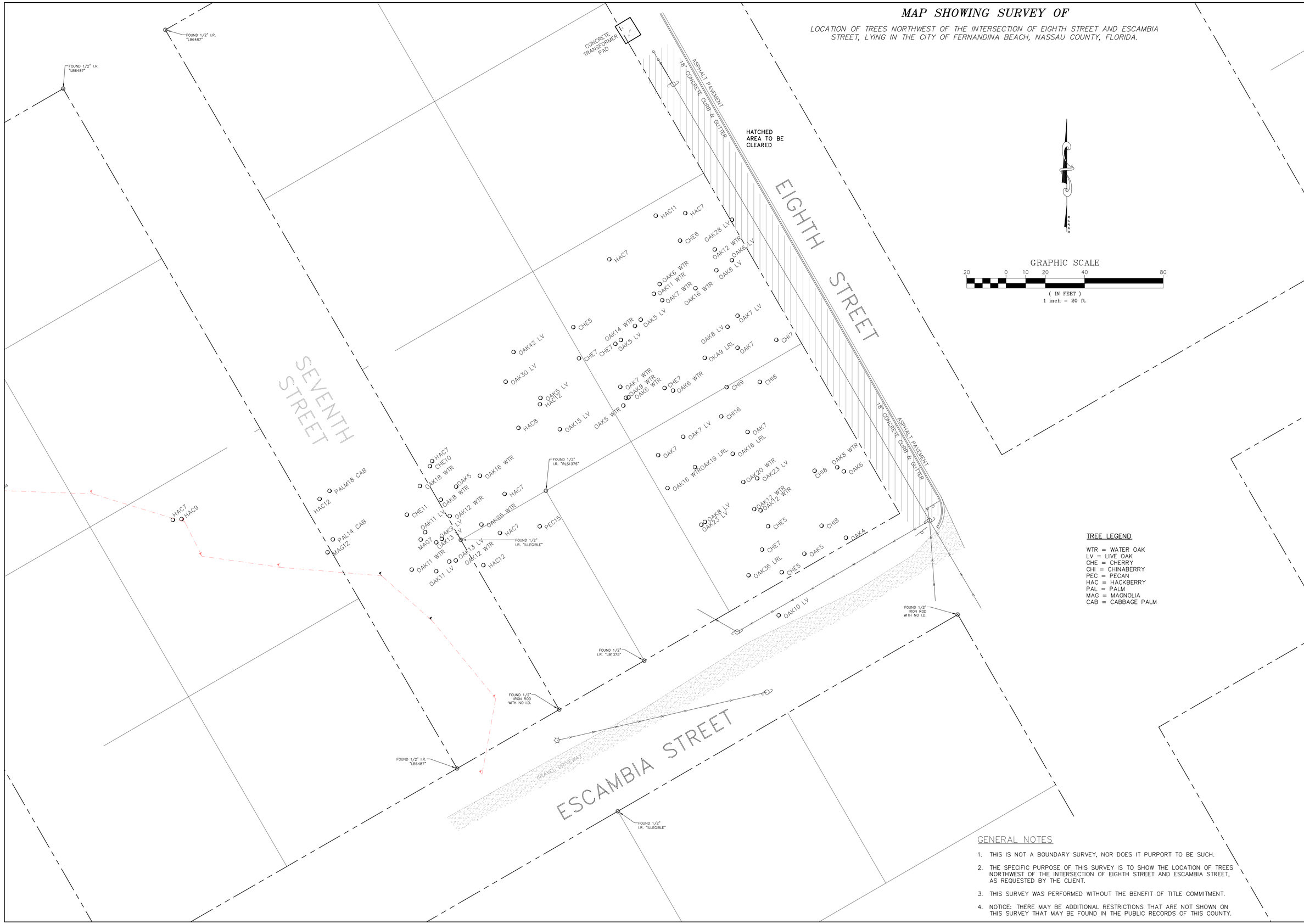
NASSAU COUNTY, FLORIDA

FERNANDINA

ARC SURVEYING & MAPPING, INC.
5202 San Juan Ave.
Jacksonville, Florida 32210
Tel. (904)384-8377 Fax (904)384-8388
www.arcsurveyinc.com
Licensed Business # 6487

# MAP SHOWING SURVEY OF

LOCATION OF TREES NORTHWEST OF THE INTERSECTION OF EIGHTH STREET AND ESCAMBIA STREET, LYING IN THE CITY OF FERNANDINA BEACH, NASSAU COUNTY, FLORIDA.




## TREE LEGEND

WTR = WATER OAK
LV = LIVE OAK
CHE = CHERRY
CHI = CHINABERRY
PEC = PECAN
HAC = HACKBERRY
PAL = PALM
MAG = MAGNOLIA
CAB = CABBAGE PALM

## GENERAL NOTES

1. THIS IS NOT A BOUNDARY SURVEY, NOR DOES IT PURPORT TO BE SUCH.
2. THE SPECIFIC PURPOSE OF THIS SURVEY IS TO SHOW THE LOCATION OF TREES NORTHWEST OF THE INTERSECTION OF EIGHTH STREET AND ESCAMBIA STREET, AS REQUESTED BY THE CLIENT.
3. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF TITLE COMMITMENT.
4. NOTICE: THERE MAY BE ADDITIONAL RESTRICTIONS THAT ARE NOT SHOWN ON THIS SURVEY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY.

PROJECT NO. 170318

FILE NO. 170318–TREE

SHEET 1 OF 1

THIS IS TO CERTIFY: THAT THE ABOVE LANDS WERE SURVEYED UNDER MY DIRECTION AND THAT THIS MAP WAS PREPARED IN ACCORDANCE WITH THE ENCROACHMENTS EXCEPT AS SHOWN AND DRAWN THE SURVEY SHOWN HEREON MEETS THE STANDARD OF PRACTICE SET FORTH BY THE BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS PURSUANT TO CHAPTER 5J-17.052 OF THE FLORIDA ADMINISTRATIVE CODE.

BOB L. PITTMAN, P.S.M. No. 4827 06-14-2019

FLORIDA REGISTERED CERTIFICATE NO. 4827

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED PROFESSIONAL SURVEYOR AND MAPPER.

| No. | Approved | Date | Description |
|---|---|---|---|

Drawing Date: 06-14-2019
Survey Date: 03-20-2018
Dwn by: VARIOUS
Ckd by: BLP
Party Chief: CV
Field Bk/Pg: N/A
Certified To: WESTROCK

File name:
Reference files:

NASSAU COUNTY, FLORIDA

FERNANDINA BEACH

ARC SURVEYING & MAPPING, INC.
5202 San Juan Ave.
Jacksonville, Florida 32210
Tel. (904)384-7776 Fax (904)384-8388
www.arcsurveyors.com
Licensed Business # 6467

GRAPHIC SCALE

0 200 300 400

1"=200'

| HATCH LEGEND |
|---|
| PROPOSED PAVED ASPHALT |
| PROPOSED CONCRETE |
| PROPOSED GRAVEL |
| EXISTING GRAVEL |
| EXISTING PAVED ASPHALT |
| EXISTING CONCRETE |
| EXISTING BUILDINGS |

| SITE DATA TABLE | | |
|---|---|---|
| TOTAL SITE | 213 AC | 9,278,280 SF |
| EXISTING IMPERVIOUS AREA | | 355,790 SF |
| EXISTING BUILDING | | 919,109 SF |
| PROPOSED BUILDING | | 0 SF |
| PROPOSED IMPERVIOUS AREA | | 304,399 SF |
| TOTAL IMPERVIOUS | | 1,579,298 SF |
| TOTAL PERVIOUS | | 7,698,982 SF |
| TOTAL IMPERVIOUS % | | 17% |
| TOTAL PERVIOUS % | | 83% |
| PARCEL NUMBER(S) | | 00-00-31-1860-0000-0000 |
| 911 ADDRESS | | 600 N 8TH ST |
| FEMA PANEL NUMBER | | 12089C0237G |
| FLOOD ZONE | | AE, X |

REGISTERED ENGINEER
SCOTT A. KNOWLES, P.E.
CA#26835, FL#65391

REVISIONS

| NO. | DATE | DESCRIPTION |
|---|---|---|
| 1 | 8/29/2019 | UPDATES PER COFB TRC COMMENTS |
| 2 | 11/8/2019 | UPDATED PER COFB TRC COMMENTS (2ND SUBMITTAL) |
| ---- | ---- | ---- |
| ---- | ---- | ---- |
| ---- | ---- | ---- |

DESIGN BY: SAK
DWG BY: MS & KJM
CHK BY: SAK
DATE: 11/8/2019
JOB No: 18037

MATTHEWS DESIGN GROUP, INC.
P.O. BOX 3126, 7 WALDO STREET
ST. AUGUSTINE, FLORIDA 32084
PHONE: 904.826.1334
FAX: 904.826.4547
INFO@MATTHEWSDESIGN.NET

# OVERALL SITE PLAN

## WESTROCK DROP YARD

FERNANDINA BEACH

PREPARED FOR

WESTROCK FERNANDINA MILL



S:\PROJECTS\18000\18037 - WESTROCK DROP YARD\DRAWINGS\CONSTRUCTION DOCUMENTS\18037 - OVERALL SITE PLAN.DWG, 5-OVERALL SITE PLAN, 10/29/2020 9:07 AM, Brandon Marshall, MATTHEWS DESIGN GROUP, INC.

GRAPHIC SCALE

0 50 75 100

1"=50'

## DEMOLITION DETAILS

| | |
|---|---|
| GD1 | STABILIZED CONSTRUCTION ENTRANCE |
| GD2A | HAYBALE INLET PROTECTION |
| GD9A | DOUBLE TYPE III SILT FENCE |

## DEMOLITION NOTES

| | |
|---|---|
| D01 | EXISTING TO BE REMOVED |
| D02 | EXISTING TO REMAIN |
| D03 | EXISTING TO BE RELOCATED, PER OWNERS DISCRETION |
| D04 | EXISTING VEGETATION TO BE REMOVED. NO CLEARING TO OCCUR OUTSIDE OF CONSTRUCTION LIMITS OR IN WETLAND OR WETLAND BUFFERS |
| D05 | RISER BOX TO BE REPLACED WITH TRAFFIC RATED PRECAST CONCRETE PULL BOX |

| HATCH LEGEND | |
|---|---|
| DEMO FENCE | XXXXXXXXXXXXXXXXXX |
| DEMO ASPHALT | |
| TREE TO BE REMOVED | ⊗ |

REGISTERED ENGINEER
SCOTT A. KNOWLES, P.E.
CA#26835, FL#55391

REVISIONS

| NO. | DATE | DESCRIPTION |
|---|---|---|
| 1 | 8/29/2019 | UPDATES PER COFB TRC COMMENTS |
| 2 | 11/8/2019 | UPDATED PER COFB TRC COMMENTS (2ND SUBMITTAL) |
| ---- | ---- | ---- |
| ---- | ---- | ---- |
| ---- | ---- | ---- |

DESIGN BY: SAK
DWG BY: MS & KJM
CHK BY: SAK
DATE: 11/8/2019
JOB No: 18037

MATTHEWS DESIGN GROUP, INC.
P.O. BOX 3126, 7 WALDO STREET
ST. AUGUSTINE, FLORIDA 32084
PHONE: 904.826.1334
FAX: 904.826.4547
INFO@MATTHEWSDESIGN.NET

# DEMOLITION PLAN

## WESTROCK DROP YARD

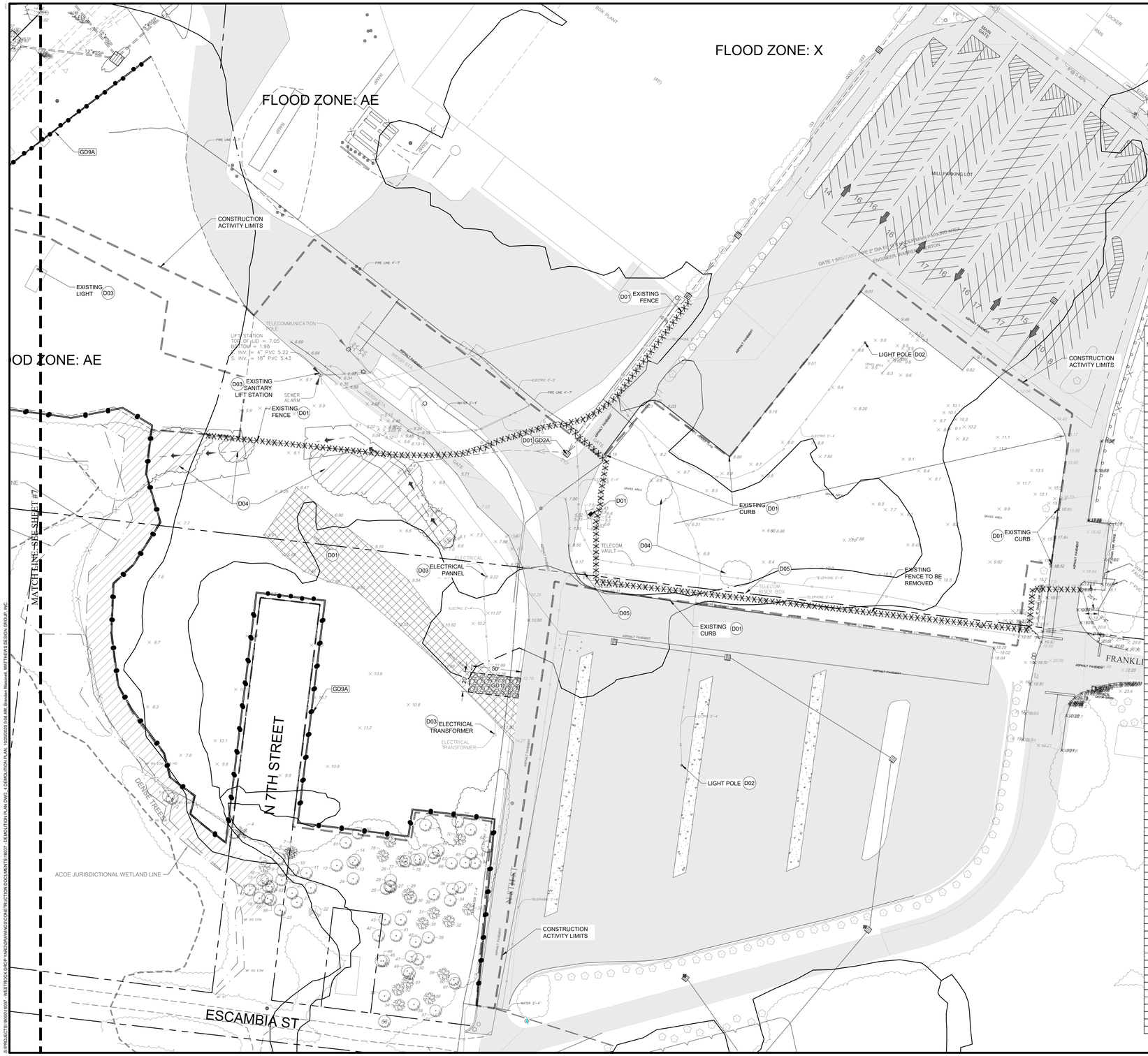
FERNANDINA BEACH

PREPARED FOR:

WESTROCK FERNANDINA MILL



S:\PROJECTS\18000\18037 - WESTROCK DROP YARD\DRAWINGS\CONSTRUCTION DOCUMENTS\18037 - DEMOLITION PLAN.DWG , 3 DEMOLITION PLAN , 10/29/2020 9:08 AM , Brandon Mancuso , MATTHEWS DESIGN GROUP , INC.




GRAPHIC SCALE

0 50 75 100

1"=50'

## DEMOLITION DETAILS

| | |
|---|---|
| GD1 | STABILIZED CONSTRUCTION ENTRANCE |
| GD2A | HAYBALE INLET PROTECTION |
| GD9A | DOUBLE TYPE III SILT FENCE |

## DEMOLITION NOTES

| | |
|---|---|
| D01 | EXISTING TO BE REMOVED |
| D02 | EXISTING TO REMAIN |
| D03 | EXISTING TO BE RELOCATED, PER OWNERS DISCRETION |
| D04 | EXISTING VEGETATION TO BE REMOVED. NO CLEARING TO OCCUR OUTSIDE OF CONSTRUCTION LIMITS OR IN WETLAND OR WETLAND BUFFERS |
| D05 | RISER BOX TO BE REPLACED WITH TRAFFIC RATED PRECAST CONCRETE PULL BOX |

| HATCH LEGEND | |
|---|---|
| DEMO FENCE | XXXXXXXXXXXXXXXXXX |
| DEMO ASPHALT | |
| TREE TO BE REMOVED | ⊗ |

| TREE NUMBER | TREE SPECIE | TRUNK STYLE | TREE DBH (IN) | PROPOSED PLAN OF ACTION | SPECIMEN TREE? | BONUS INCHES? | REMOVED TREE INCHES REQUIRING MITIGATION | TREE INCHES PRESERVED |
|---|---|---|---|---|---|---|---|---|
| 1 | HACKBERRY | SINGLE | 7 | TO REMAIN | NO | YES | - | 7 |
| 2 | HACKBERRY | SINGLE | 9 | TO REMAIN | NO | YES | - | 9 |
| 3 | HACKBERRY | SINGLE | 12 | TO REMAIN | NO | YES | - | 12 |
| 4 | PALM | SINGLE | 18 | TO REMAIN | NO | YES | - | 6 |
| 5 | OAK | SINGLE | 18 | TO REMAIN | NO | YES | - | 18 |
| 6 | CHESTNUT | SINGLE | 10 | TO REMAIN | NO | YES | - | 10 |
| 7 | HACKBERRY | SINGLE | 7 | TO REMAIN | NO | YES | - | 7 |
| 8 | CHESTNUT | SINGLE | 11 | TO REMAIN | NO | NO | - | 11 |
| 9 | OAK | SINGLE | 8 | TO REMAIN | NO | NO | - | 8 |
| 10 | OAK | SINGLE | 5 | TO REMAIN | NO | NO | - | 5 |
| 11 | OAK | SINGLE | 16 | TO REMAIN | NO | NO | - | 16 |
| 12 | HACKBERRY | SINGLE | 8 | TO REMAIN | NO | NO | - | 8 |
| 13 | HACKBERRY | SINGLE | 12 | TO REMAIN | NO | NO | - | 12 |
| 14 | OAK | SINGLE | 5 | TO REMAIN | NO | NO | - | 5 |
| 15 | MAGNOLIA | SINGLE | 7 | TO REMAIN | NO | NO | - | 7 |
| 16 | OAK | SINGLE | 11 | TO REMAIN | NO | NO | - | 11 |
| 17 | OAK | SINGLE | 11 | TO REMAIN | NO | NO | - | 11 |
| 18 | OAK | SINGLE | 11 | TO REMAIN | NO | NO | - | 11 |
| 19 | HACKBERRY | SINGLE | 7 | TO REMAIN | NO | NO | - | 7 |
| 20 | OAK | SINGLE | 25 | TO REMAIN | NO | NO | - | 25 |
| 21 | HACKBERRY | SINGLE | 7 | TO REMAIN | NO | NO | - | 7 |
| 22 | PECAN | SINGLE | 15 | TO REMAIN | NO | NO | - | 15 |
| 23 | HACKBERRY | SINGLE | 12 | TO REMAIN | NO | NO | - | 12 |
| 24 | OAK | SINGLE | 15 | TO REMAIN | NO | NO | - | 15 |
| 25 | OAK | SINGLE | 5 | TO REMAIN | NO | NO | - | 5 |
| 26 | OAK | SINGLE | 7 | TO REMAIN | NO | NO | - | 7 |
| 27 | OAK | SINGLE | 9 | TO REMAIN | NO | NO | - | 9 |
| 28 | OAK | SINGLE | 6 | TO REMAIN | NO | NO | - | 6 |
| 29 | CHESTNUT | SINGLE | 7 | TO REMAIN | NO | NO | - | 7 |
| 30 | OAK | SINGLE | 6 | TO REMAIN | NO | NO | - | 6 |
| 31 | CHINABERRY | SINGLE | 9 | TO REMAIN | NO | NO | - | E |
| 32 | CHINABERRY | SINGLE | 6 | TO REMAIN | NO | NO | - | E |
| 33 | CHINABERRY | SINGLE | 7 | TO REMAIN | NO | NO | - | E |
| 34 | OAK | SINGLE | 7 | TO REMAIN | NO | NO | - | 7 |
| 35 | OAK | SINGLE | 9 | TO REMAIN | NO | NO | - | 9 |
| 36 | OAK | SINGLE | 8 | TO REMAIN | NO | NO | - | 8 |
| 37 | OAK | SINGLE | 7 | TO REMAIN | NO | NO | - | 7 |
| 38 | CHINABERRY | SINGLE | 6 | TO REMAIN | NO | NO | - | E |
| 39 | OAK | SINGLE | 7 | TO REMAIN | NO | NO | - | 7 |
| 40 | OAK | SINGLE | 16 | TO REMAIN | NO | NO | - | 16 |
| 41 | OAK | SINGLE | 19 | TO REMAIN | NO | NO | - | 19 |
| 42 | OAK | SINGLE | 16 | TO REMAIN | NO | NO | - | 16 |
| 43 | OAK | SINGLE | 7 | TO REMAIN | NO | NO | - | 7 |
| 44 | OAK | SINGLE | 7 | TO REMAIN | NO | NO | - | 7 |
| 45 | OAK | SINGLE | 23 | TO REMAIN | NO | NO | - | 23 |
| 46 | OAK | SINGLE | 8 | TO REMAIN | NO | NO | - | 8 |
| 47 | OAK | SINGLE | 20 | TO REMAIN | NO | NO | - | 20 |
| 48 | OAK | SINGLE | 23 | TO REMAIN | NO | NO | - | 23 |
| 49 | OAK | SINGLE | 12 | TO REMAIN | NO | NO | - | 12 |
| 50 | OAK | SINGLE | 12 | TO REMAIN | NO | NO | - | 12 |
| 51 | CHESTNUT | SINGLE | 5 | TO REMAIN | NO | NO | - | 5 |
| 52 | CHESTNUT | SINGLE | 7 | TO REMAIN | NO | NO | - | 7 |
| 53 | OAK | SINGLE | 36 | TO REMAIN | NO | NO | - | 36 |
| 54 | CHESTNUT | SINGLE | 5 | TO REMAIN | NO | NO | - | 5 |
| 55 | OAK | SINGLE | 5 | TO REMAIN | NO | NO | - | 5 |
| 56 | CHINABERRY | SINGLE | 8 | TO REMAIN | NO | NO | - | E |
| 57 | OAK | SINGLE | 4 | TO REMAIN | NO | NO | - | 4 |
| 58 | OAK | SINGLE | 10 | TO REMAIN | NO | NO | - | 10 |
| 59 | CHINABERRY | SINGLE | 8 | TO REMAIN | NO | NO | - | E |
| 60 | OAK | SINGLE | 8 | TO REMAIN | NO | NO | - | 8 |
| 61 | OAK | SINGLE | 6 | TO REMAIN | NO | NO | - | 6 |
| 62 | OAK | SINGLE | 28 | TO BE REMOVED | NO | NO | 28 | - |
| 63 | OAK | SINGLE | 12 | TO REMAIN | NO | NO | - | 12 |
| 64 | OAK | SINGLE | 6 | TO REMAIN | NO | NO | - | 6 |
| 65 | OAK | SINGLE | 6 | TO REMAIN | NO | NO | - | 6 |
| 66 | OAK | SINGLE | 16 | TO REMAIN | NO | NO | - | 16 |
| 67 | OAK | SINGLE | 7 | TO REMAIN | NO | NO | - | 7 |
| 68 | OAK | SINGLE | 11 | TO REMAIN | NO | NO | - | 11 |
| 69 | OAK | SINGLE | 6 | TO REMAIN | NO | NO | - | 6 |
| 70 | CHESTNUT | SINGLE | 6 | TO BE REMOVED | NO | NO | 6 | - |
| 71 | HACKBERRY | SINGLE | 7 | TO BE REMOVED | NO | NO | 7 | - |
| 72 | HACKBERRY | SINGLE | 11 | TO BE REMOVED | NO | NO | 11 | - |
| 73 | HACKBERRY | SINGLE | 7 | TO BE REMOVED | NO | NO | 7 | - |
| 74 | OAK | SINGLE | 5 | TO REMAIN | NO | NO | - | 5 |
| 75 | OAK | SINGLE | 14 | TO REMAIN | NO | NO | - | 14 |
| 76 | OAK | SINGLE | 5 | TO REMAIN | NO | NO | - | 5 |
| 77 | CHESTNUT | SINGLE | 7 | TO REMAIN | NO | NO | - | 7 |
| 78 | CHESTNUT | SINGLE | 7 | TO REMAIN | NO | NO | - | 7 |
| 79 | CHESTNUT | SINGLE | 5 | TO REMAIN | NO | NO | - | 5 |
| 80 | OAK | SINGLE | 42 | TO REMAIN | NO | NO | - | 42 |
| 81 | OAK | SINGLE | 30 | TO REMAIN | NO | NO | - | 30 |
| 82 | OAK | SINGLE | 12 | TO REMAIN | NO | NO | - | 12 |
| 83 | OAK | SINGLE | 9 | TO REMAIN | NO | NO | - | 9 |
| 84 | OAK | SINGLE | 13 | TO REMAIN | NO | NO | - | 13 |
| 85 | OAK | SINGLE | 13 | TO REMAIN | NO | NO | - | 13 |
| 86 | OAK | SINGLE | 12 | TO REMAIN | NO | NO | - | 12 |
| **TOTALS** | | | | | | | **59** | **283** |

REGISTERED ENGINEER
SCOTT A. KNOWLES, P.E.
CA#26835, FL#55391

REVISIONS

| NO. | DATE | DESCRIPTION |
|---|---|---|
| 1 | 8/29/2019 | UPDATES PER COFB TRC COMMENTS |
| 2 | 11/8/2019 | UPDATED PER COFB TRC COMMENTS (2ND SUBMITTAL) |
| ---- | ---- | ---- |
| ---- | ---- | ---- |
| ---- | ---- | ---- |

| | |
|---|---|
| DESIGN BY: | SAK |
| DWG BY: | MS & KJM |
| CHK BY: | SAK |
| DATE: | 11/6/2019 |
| JOB No.: | 19037 |


MATTHEWS DESIGN GROUP, INC.
P.O. BOX 3126, 7 WALDO STREET
ST. AUGUSTINE, FLORIDA 32084
PHONE: 904.826.1334
FAX: 904.826.4547
INFO@MATTHEWSDESIGN.NET


# DEMOLITION PLAN

## WESTROCK DROP YARD

FERNANDINA BEACH

PREPARED FOR

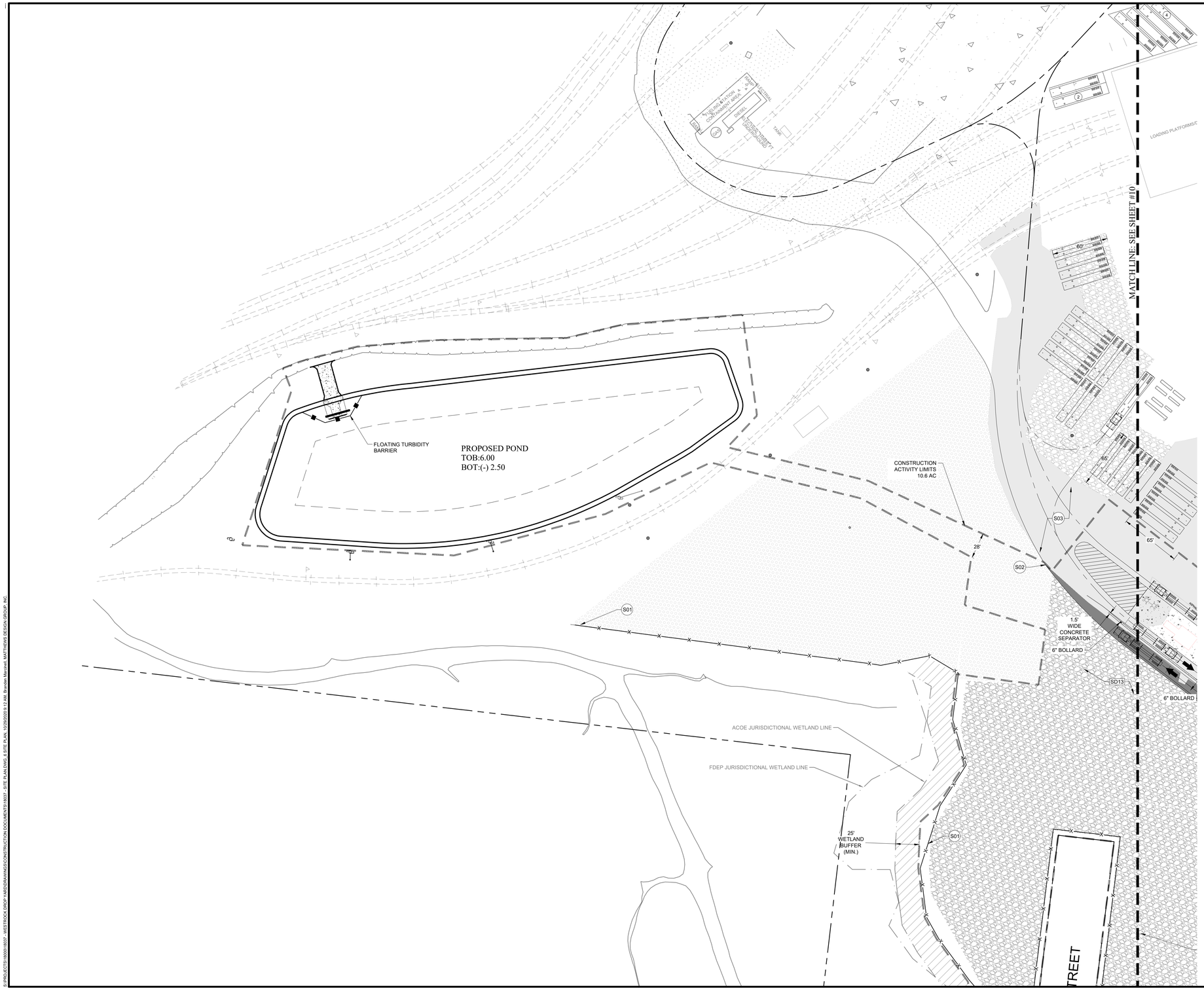
WESTROCK FERNANDINA MILL

SHEET No.

8

OF 17

S:\PROJECTS\19000\19037 - WESTROCK DROP YARD\DRAWINGS\CONSTRUCTION DOCUMENTS\19037 - DEMOLITION PLAN.DWG, 4_DEMOLITION PLAN, 10/29/2020 9:08 AM, Brandon Marcinuk, MATTHEWS DESIGN GROUP, INC.




GRAPHIC SCALE

0 50 75 100

1"=50'

## SITE DETAILS

| | |
|---|---|
| SD12 | HEAVY DUTY PAVEMENT SECTION |
| SD13 | #57 STONE GRANITE GRAVEL AREA |
| SD22 | CONCRETE PAVEMENT SECTION |

## SITE NOTES

| | |
|---|---|
| S01 | PROPOSED SECURITY CHAIN LINK FENCE |
| S02 | MATCH EXISTING PAVEMENT EDGE |
| S03 | EXISTING PAVEMENT/GRAVEL |

NOTE:
STRIPING SHOWN FOR PLANNING OF SPACES ONLY. NO PAINTING OF STRIPES IS REQUIRED IN THE GRAVEL AREA.

## SITE DATA TABLE

| | | |
|---|---|---|
| TOTAL SITE | 213 AC | 9,278,280 SF |
| EXISTING IMPERVIOUS AREA | | 355,790 SF |
| EXISTING BUILDING | | 919,109 SF |
| PROPOSED BUILDING | | 0 SF |
| PROPOSED IMPERVIOUS AREA | | 304,399 SF |
| TOTAL IMPERVIOUS | | 1,579,298 SF |
| TOTAL PERVIOUS | | 7,698,982 SF |
| TOTAL IMPERVIOUS % | | 17% |
| TOTAL PERVIOUS % | | 83% |
| % BUILDING COVERAGE | | 0% |
| TOTAL FLOOR AREA | | 0 SF |
| FLOOR AREA RATIO (FAR) | | 0.0% |
| PARCEL NUMBER(S) | | 00-00-31-1860-0000-0000,00-00-31-1800-0075-0010,00-00-31-1800-0074-0011,00-00-31-1800-0074-0030,00-00-31-1800-0065-0020,00-00-31-1800-0064-000 |
| 911 ADDRESS | | 600 N 8TH ST |
| FEMA PANEL NUMBER | | 12089C0237G |
| FLOOD ZONE | | AE, X |

## HATCH LEGEND

| | |
|---|---|
| PROPOSED PAVED ASPHALT | |
| PROPOSED CONCRETE | |
| PROPOSED GRAVEL | |
| EXISTING GRAVEL | |
| EXISTING PAVED ASPHALT | |
| EXISTING CONCRETE | |

## PARKING CALCULATIONS

| | | |
|---|---|---|
| TOTAL TRUCK SPACES PROVIDED | = | 355 SPACE |
| TOTAL CAR SPACES PROVIDED | = | 121 SPACES |
| EXISTING PARKING SPACES | = | 195 SPACES |
| TOTAL SPACES PROVIDED | = | 671 SPACES |

REGISTERED ENGINEER
SCOTT A. KNOWLES, P.E.
CA#26835, FL#65391

REVISIONS

| NO. | DATE | DESCRIPTION |
|---|---|---|
| 1 | 8/29/2019 | UPDATES PER COFB TRC COMMENTS |
| 2 | 11/8/2019 | UPDATED PER COFB TRC COMMENTS (2ND SUBMITTAL) |
| ---- | ---- | ---- |
| ---- | ---- | ---- |
| ---- | ---- | ---- |

| | |
|---|---|
| DESIGN BY: | SAK |
| DWG BY: | MS & KJM |
| CHK BY: | SAK |
| DATE: | 11/8/2019 |
| JOB No: | 18037 |

MATTHEWS DESIGN GROUP, INC.
P.O. BOX 3126, 7 WALDO STREET
ST. AUGUSTINE, FLORIDA 32084
PHONE: 904.826.1334
FAX: 904.826.4547
INFO@MATTHEWSDESIGN.NET

# SITE PLAN

# WESTROCK DROP YARD

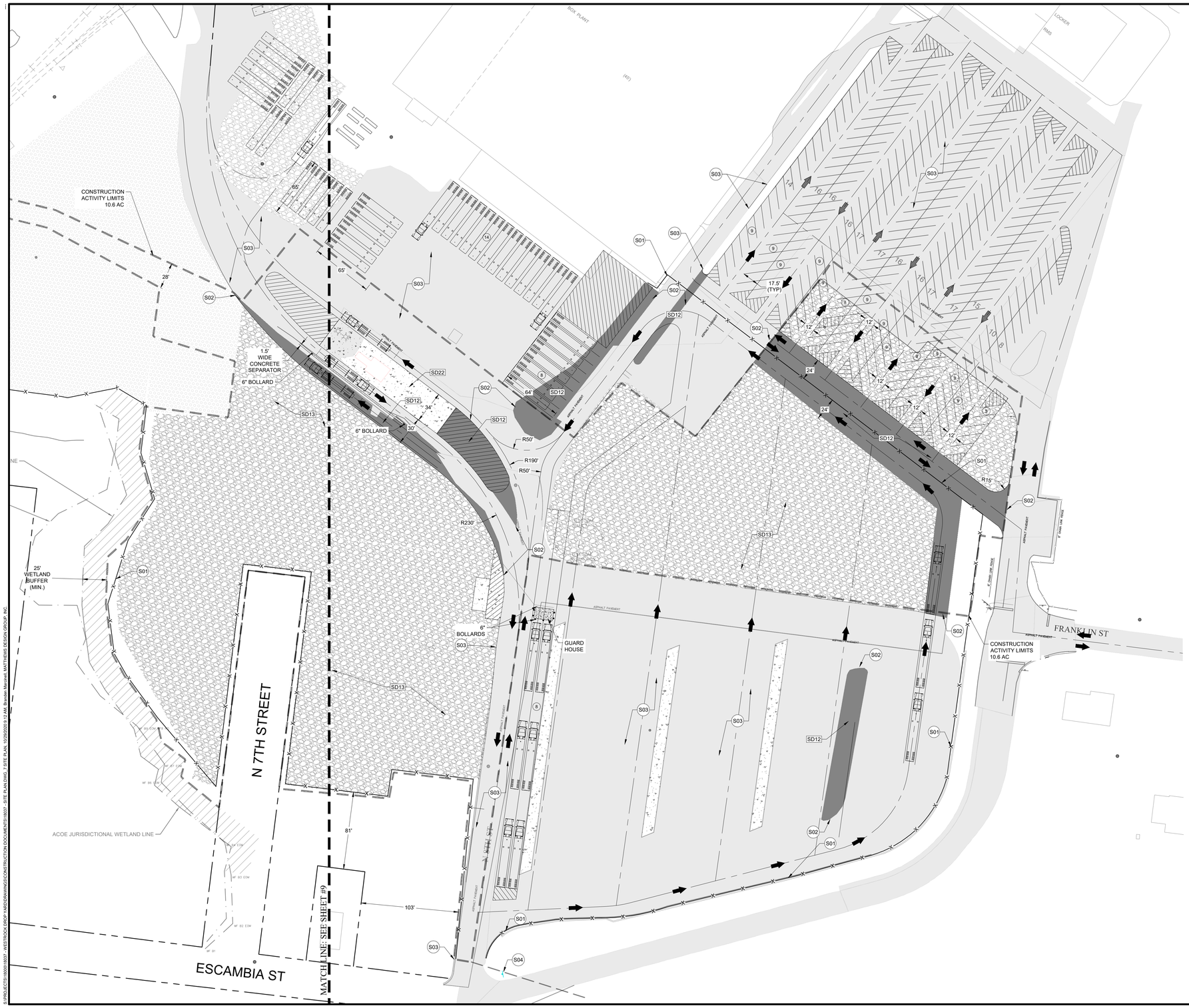
FERNANDINA BEACH

PREPARED FOR

WESTROCK FERNANDINA MILL



S:\PROJECTS\18000\18037 - WESTROCK DROP YARD\DRAWINGS\CONSTRUCTION DOCUMENTS\18037 - SITE PLAN.DWG, 8 SITE PLAN, 10/29/2020 9:12 AM, Brandon Marshall, MATTHEWS DESIGN GROUP, INC.




## GRAPHIC SCALE

0 50 75 100

1"=50'

## SITE DETAILS

| | |
|---|---|
| SD12 | HEAVY DUTY PAVEMENT SECTION |
| SD13 | # 57 STONE GRANITE GRAVEL PAVEMENT AREA |
| SD22 | CONCRETE PAVEMENT SECTION |

## SITE NOTES

| | |
|---|---|
| S01 | PROPOSED SECURITY CHAIN LINK FENCE |
| S02 | MATCH EXISTING PAVEMENT EDGE |
| S03 | EXISTING PAVEMENT/GRAVEL |
| S04 | STOP SIGN WITH RED SOLAR POWERED RAPID FLASHING BEACON PER LATEST FDOT INDEX AND STANDARDS. |

NOTE:
STRIPING SHOWN FOR PLANNING OF SPACES ONLY. NO PAINTING OF STRIPES IS REQUIRED IN THE GRAVEL AREA.

## SITE DATA TABLE

| | | |
|---|---|---|
| TOTAL SITE | 213 AC | 9,278,280 SF |
| EXISTING IMPERVIOUS AREA | | 355,790 SF |
| EXISTING BUILDING | | 919,109 SF |
| PROPOSED BUILDING | | 0 SF |
| PROPOSED IMPERVIOUS AREA | | 263,302 SF |
| TOTAL IMPERVIOUS | | 1,538,201 SF |
| TOTAL PERVIOUS | | 7,740,079 SF |
| TOTAL IMPERVIOUS % | | 17% |
| TOTAL PERVIOUS % | | 83% |
| % BUILDING COVERAGE | | 0% |
| TOTAL FLOOR AREA | | 0 SF |
| FLOOR AREA RATIO (FAR) | | 0.0% |
| PARCEL NUMBER(S) | | 00-00-31-1860-0000-0000 |
| 911 ADDRESS | | 600 N 8TH ST |
| FEMA PANEL NUMBER | | 12089C0237G |
| FLOOD ZONE | | AE, X |

## CONSTRUCTION ACTIVITY TABLE

| | | |
|---|---|---|
| CONSTRUCTION ACTIVITY SITE | 9.75 AC | 424,707 SF |
| EXISTING IMPERVIOUS AREA | 2.30 AC | 100,188 SF |
| EXISTING PERVIOUS AREA | 7.45 AC | 324,519 SF |
| PROPOSED IMPERVIOUS AREA | 5.06 AC | 220,263 SF |
| TOTAL IMPERVIOUS | 7.36 AC | 320,451 SF |
| TOTAL PERVIOUS | 0.74 AC | 32,234 SF |
| TOTAL IMPERVIOUS % | | 75% |
| TOTAL PERVIOUS % | | 22% |
| POND AREA | 1.60 AC | 69,696 SF |

## HATCH LEGEND

| | |
|---|---|
| PROPOSED PAVED ASPHALT | |
| PROPOSED CONCRETE | |
| PROPOSED GRAVEL | |
| EXISTING GRAVEL | |
| EXISTING PAVED ASPHALT | |
| EXISTING CONCRETE | |

## PARKING CALCULATIONS

| | | |
|---|---|---|
| TOTAL TRUCK SPACES PROVIDED | = | 355 SPACE |
| TOTAL CAR SPACES PROVIDED | = | 121 SPACES |
| EXISTING PARKING SPACES | = | 195 SPACES |
| TOTAL SPACES PROVIDED | = | 671 SPACES |

REGISTERED ENGINEER
SCOTT A. KNOWLES, P.E.
CA#26835, FL#65391

REVISIONS

| NO. | DATE | DESCRIPTION |
|---|---|---|
| 1 | 8/29/2019 | UPDATES PER COFB TRC COMMENTS |
| 2 | 11/8/2019 | UPDATED PER COFB TRC COMMENTS (2ND SUBMITTAL) |
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| ---- | ---- | ---- |
| ---- | ---- | ---- |

| | |
|---|---|
| DESIGN BY: | SAK |
| DWG BY: | MS & KJM |
| CHK BY: | SAK |
| DATE: | 11/8/2019 |
| JOB No: | 19037 |


MATTHEWS DESIGN GROUP, INC.
P.O. BOX 3126, 7 WALDO STREET
ST. AUGUSTINE, FLORIDA 32084
PHONE: 904.826.1334
FAX: 904.826.4547
INFO@MATTHEWSDESIGN.NET


# SITE PLAN

# WESTROCK DROP YARD

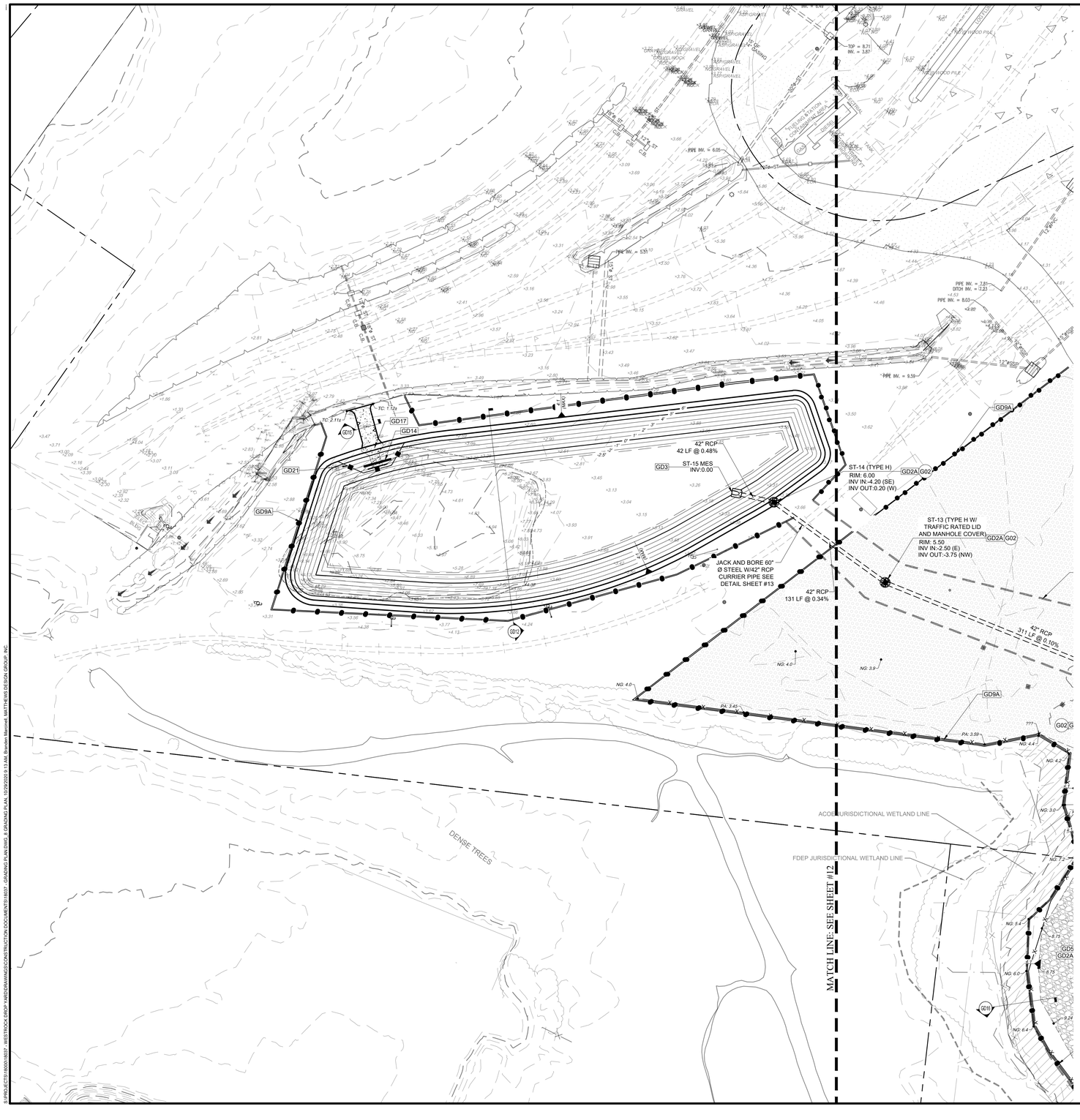
FERNANDINA BEACH

PREPARED FOR

WESTROCK FERNANDINA MILL

SHEET No.:
10
OF 17

S:\PROJECTS\19000\19037 - WESTROCK DROP YARD\DRAWINGS\CONSTRUCTION DOCUMENTS\19037 - SITE PLAN.DWG, 7 SITE PLAN, 10/29/2020 9:12 AM, Brandon Marshall, MATTHEWS DESIGN GROUP, INC.




GRAPHIC SCALE

0 40 60 80

1"=40'

## GRADING DETAILS

| | |
|---|---|
| GD2A | HAYBALE INLET PROTECTION |
| GD3 | MITERED END SECTION |
| GD4 | TYPE C INLET |
| GD8D | MANHOLE FRAME AND COVER |
| GD9A | DOUBLE TYPE III SILT FENCE |
| GD12 | POND CROSS SECTION |
| GD14 | SKIMMER DETAIL |
| GD15 | SWALE CROSS SECTION |
| GD16 | GRAVEL PARKING CROSS SECTION |
| GD17 | CONCRETE WEIR |
| GD18 | TYPE D INLET |
| GD21 | TURBIDITY BARRIERS |

## GRADING NOTES

| | |
|---|---|
| G01 | MATCH EXISTING GRADE |
| G02 | FDOT STD. TYPE H INLET PER FDOT STD. PLAN, INDEX 425-010 |

## LEGEND

| | |
|---|---|
| CL | CENTER LINE |
| EP | EDGE OF PAVEMENT |
| NG | NATURAL GRADE |
| PA | TOP OF PAVEMENT |

REVISION #1 11-28-2018
(PENDING FDEP APPROVAL)

REGISTERED ENGINEER
SCOTT A. KNOWLES, P.E.
CA#26835, FL#50391

REVISIONS

| NO. | DATE | DESCRIPTION |
|---|---|---|
| 1 | 8/29/2019 | UPDATES PER COFB TRC COMMENTS |
| 2 | 11/8/2019 | UPDATED PER COFB TRC COMMENTS (2ND SUBMITTAL) |
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| ---- | ---- | ---- |
| ---- | ---- | ---- |

DESIGN BY: SAK
DWG BY: MS & KJM
CHK BY: SAK
DATE: 11/8/2019
JOB No: 18037

MATTHEWS DESIGN GROUP, INC.
P.O. BOX 3126, 7 WALDO STREET
ST. AUGUSTINE, FLORIDA 32084
PHONE: 904.826.1334
FAX: 904.826.4547
INFO@MATTHEWSDESIGN.NET

# GRADING PLAN

# WESTROCK DROP YARD

FERNANDINA BEACH

PREPARED FOR

WESTROCK FERNANDINA MILL

SHEET No.:
11
OF 17

S:\PROJECTS\18000\18037 - WESTROCK DROP YARD\DRAWINGS\CONSTRUCTION DOCUMENTS\18037 - GRADING PLAN.DWG, 8 GRADING PLAN, 10/29/2020 9:13 AM, Brandon Maxwell, MATTHEWS DESIGN GROUP, INC.

GRAPHIC SCALE

0 40 60 80

1"=40'

## GRADING DETAILS

| | |
|---|---|
| GD2A | HAYBALE INLET PROTECTION |
| GD3 | MITERED END SECTION |
| GD4 | TYPE C INLET |
| GD8D | MANHOLE FRAME AND COVER |
| GD9A | DOUBLE TYPE III SILT FENCE |
| GD12 | POND CROSS SECTION |
| GD14 | SKIMMER DETAIL |
| GD17 | CONCRETE WEIR |
| GD18 | TYPE D INLET |
| GD21 | TURBIDITY BARRIERS |

## GRADING NOTES

| | |
|---|---|
| G01 | MATCH EXISTING GRADE |
| G02 | FDOT STD. TYPE H INLET PER FDOT STD. PLAN, INDEX 425-010 |

## LEGEND

| | |
|---|---|
| CL | CENTER LINE |
| EP | EDGE OF PAVEMENT |
| NG | NATURAL GRADE |
| PA | TOP OF PAVEMENT |

REVISION #1 11-28-2018
(PENDING FDEP APPROVAL)

REGISTERED ENGINEER
SCOTT A. KNOWLES, P.E.
CA#26835, FL #65391

REVISIONS

| NO. | DATE | DESCRIPTION |
|---|---|---|
| 1 | 8/29/2019 | UPDATES PER COFB TRC COMMENTS |
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| DESIGN BY: | SAK |
| DWG BY: | MS & KJM |
| CHK BY: | SAK |
| DATE: | 11/8/2019 |
| JOB No: | 18037 |

MATTHEWS DESIGN GROUP, INC.
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ST. AUGUSTINE, FLORIDA 32084
PHONE: 904.826.1334
FAX: 904.826.4547
INFO@MATTHEWSDESIGN.NET

# GRADING PLAN

## WESTROCK DROP YARD

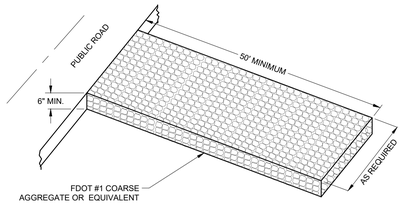
FERNANDINA BEACH

PREPARED FOR

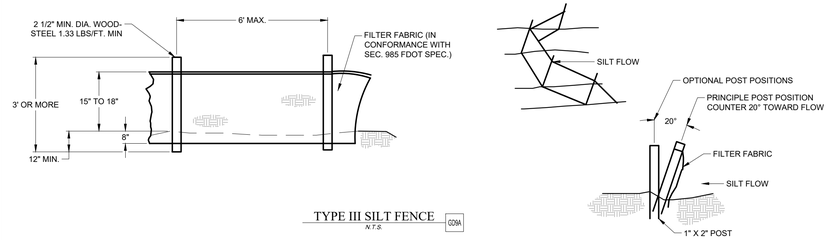
WESTROCK FERNANDINA MILL



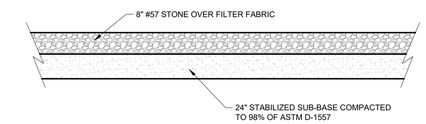
S:\PROJECTS\18000\18037 - WESTROCK DROP YARD\DRAWINGS\CONSTRUCTION DOCUMENTS\18037 - GRADING PLAN.DWG, 8 GRADING PLAN, 10/29/2020 9:13 AM, Brandon Marshall, MATTHEWS DESIGN GROUP, INC.



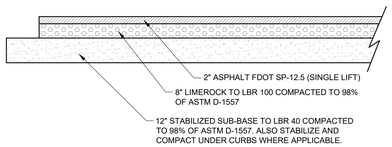

STABILIZED CONSTRUCTION ENTRANCE GD1
N.T.S.




TYPE III SILT FENCE GD9A
N.T.S.

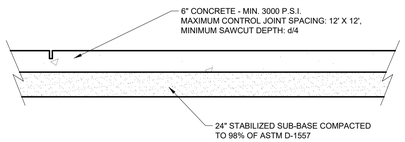



#57 STONE GRANITE GRAVEL AREA SD13
N.T.S.




THE ABOVE INFORMATION WAS OBTAINED FROM THE GEOTECHNICAL EXPLORATION FOR THE PROPOSED SITE PROVIDED BY UNIVERSAL ENGINEERING SCIENCES DATED DECEMBER 23, 2016.

HEAVY DUTY
PAVEMENT SECTION SD12
N.T.S.

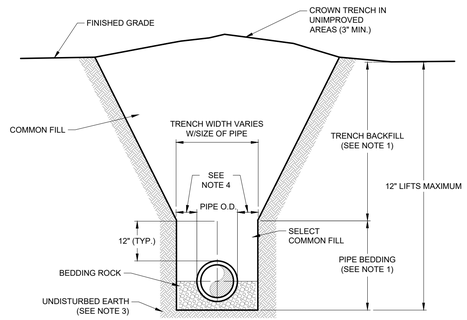



NOTES:

ALL DISTURBED AREAS SHALL BE SEEDED & MULCHED. ALL AREAS WHERE SOD HAS BEEN DISTURBED OR REMOVED SHALL BE RE SODDED TO SATISFACTION OF OWNER.

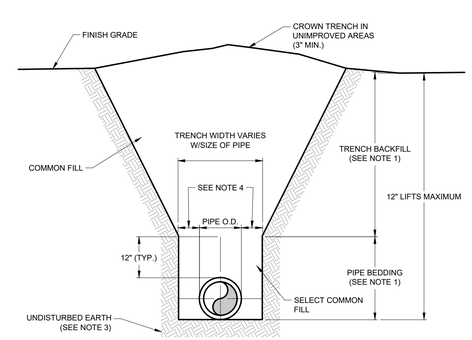
THE ABOVE INFORMATION WAS OBTAINED FROM THE GEOTECHNICAL EXPLORATION FOR THE PROPOSED SITE PROVIDED BY UNIVERSAL ENGINEERING SCIENCES DATED DECEMBER 23, 2016.

CONCRETE PAVEMENT SECTION SD22
N.T.S.



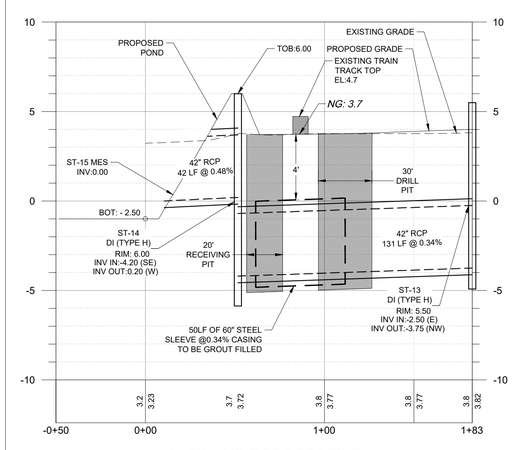

NOTES:
1. PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
2. TRENCH BACKFILL: COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
3. PIPE BEDDING UTILIZING SELECT COMMON FILL OR BEDDING ROCK IN ACCORDANCE WITH TYPE A BEDDING AND TRENCHING DETAIL MAY BE REQUIRED AS DIRECTED BY THE COUNTY.
4. 15" MAXIMUM FOR PIPE DIAMETER LESS THAN 24". AND 24" MAXIMUM FOR PIPE DIAMETER 24" AND LARGER.
5. WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
6. ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.
7. BEDDING DEPTH SHALL BE 4" MINIMUM FOR PIPE DIAMETER LESS THAN 15", AND 6" MINIMUM FOR PIPE DIAMETER 16" AND LARGER
8. DEPTH FOR REMOVAL OF UNSUITABLE MATERIAL SHALL GOVERN DEPTH OF BEDDING ROCK BELOW THE PIPE. COUNTY INSPECTOR SHALL DETERMINE, IN THE FIELD, THE REQUIRED REMOVAL OF UNSUITABLE MATERIAL TO REACH SUITABLE FOUNDATION
9. FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF THE GOVERNING AGENCIES. SURFACE RESTORATION WITHIN COUNTY RIGHT-OF-WAY SHALL COMPLY WITH REQUIREMENT OF RIGHT-OF-WAY UTILIZATION REGULATIONS AND ROAD CONSTRUCTION SPECIFICATION.

TYPE "A" BEDDING AND TRENCHING GD15A
N.T.S.




NOTES:
1. PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180
2. TRENCH BACKFILL: COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180
3. PIPE BEDDING UTILIZING SELECT COMMON FILL OR BEDDING ROCK IN ACCORDANCE WITH TYPE A BEDDING AND TRENCHING DETAIL MAY BE REQUIRED AS DIRECTED BY THE COUNTY.
4. 15" MAXIMUM FOR PIPE DIAMETER LESS THAN 24", AND 24" MAXIMUM FOR PIPE DIAMETER 24" OR LARGER.
5. WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
6. ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.
7. FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF THE GOVERNING AGENCIES.SURFACE RESTORATION WITHIN COUNTY RIGHT-OF-WAY SHALL COMPLY WITH REQUIREMENTS OF RIGHT-OF-WAY UTILIZATION REGULATIONS AND ROAD CONSTRUCTION SPECIFICATION

TYPE B BEDDING TRENCHING GD15B
N.T.S.




JACK AND BORE PROFILE
STA:-0+50.00 TO STA:1+82.56

REVISION #1 11-28-2018
(PENDING FDEP APPROVAL)

REVISIONS

| NO. | DATE | DESCRIPTION |
|---|---|---|
| 1 | 8/29/2019 | UPDATES PER COFB TRC COMMENTS |
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| ----- | ----- | ----- |
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| ----- | ----- | ----- |

REGISTERED ENGINEER
SCOTT A. KNOWLES, P.E.
CA#25153, FL#85391

| | |
|---|---|
| DESIGN BY: | SAK |
| DWG BY: | MS & KJM |
| CHK BY: | SAK |
| DATE: | 11/8/2019 |
| JOB No.: | 18037 |


MATTHEWS DESIGN GROUP, INC.
P.O. BOX 3126, 7 WALDO STREET
ST. AUGUSTINE, FLORIDA 32084
PHONE: 904.826.1334
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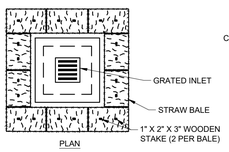
CONSTRUCTION DETAILS

WESTROCK DROP YARD
FERNANDINA BEACH
PREPARED FOR
WESTROCK FERNANDINA MILL

SHEET No.:
13
OF 17

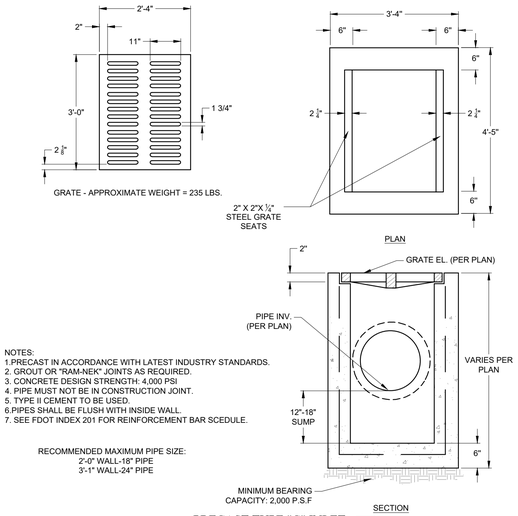

J:\PROJECTS\18000\18037 - WESTROCK DROP YARD\DRAWINGS\CONSTRUCTION DOCUMENTS\18037 - CONSTRUCTION DETAILS.DWG, 10 CONSTRUCTION DETAILS, 5/29/2020 9:13 AM, Brandon Marshall, MATTHEWS DESIGN GROUP, INC.




GENERAL NOTES:

1. BALES SHALL BE EITHER WIRE-BOUND OR STRING-TIED WITH THE BINDINGS ORIENTED AROUND THE SIDES RATHER THAN OVER AND UNDER THE BALES.
2. BALES SHALL BE PLACED LENGTHWISE IN A SINGLE ROW SURROUNDING THE INLET, WITH ENDS OF ADJACENT BALES PRESSED TOGETHER.
3. THE FILTER BARRIER SHALL BE ENTRENCHED AND BACKFILLED. A TRENCH SHALL BE EXCAVATED AROUND THE INLET THE WIDTH OF A BALE TO A MINIMUM DEPTH OF 4 INCHES. AFTER THE BALES ARE STAKED, THE EXCAVATED SOIL SHALL BE BACKFILLED AND COMPACTED AGAINST THE FILTER BARRIER.
4. EACH BALE SHALL BE SECURELY ANCHORED AND HELD IN PLACE BY AT LEAST TWO STAKES OR REBARS DRIVEN THROUGH THE BALE.
5. LOOSE STRAW SHALL BE WEDGED BETWEEN BALES TO PREVENT WATER FROM ENTERING BETWEEN BALES.

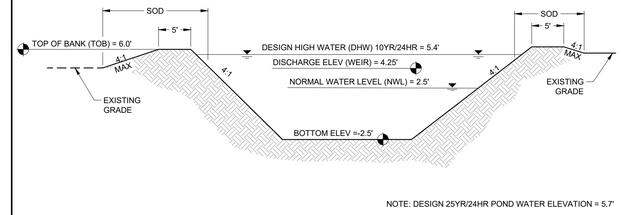
## HAYBALE INLET PROTECTION GD02A
N.T.S.




NOTES:
1.PRECAST IN ACCORDANCE WITH LATEST INDUSTRY STANDARDS.
2. GROUT OR "RAM-NEK" JOINTS AS REQUIRED.
3. CONCRETE DESIGN STRENGTH: 4,000 PSI
4. PIPE MUST NOT BE IN CONSTRUCTION JOINT.
5. TYPE II CEMENT TO BE USED.
6.PIPES SHALL BE FLUSH WITH INSIDE WALL.
7. SEE FDOT INDEX 201 FOR REINFORCEMENT BAR SCEDULE.

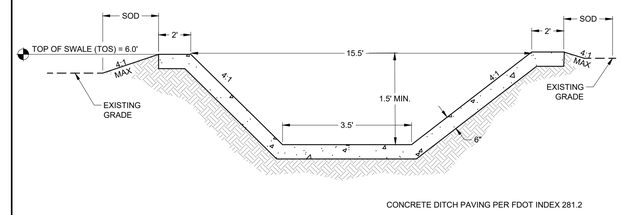
RECOMMENDED MAXIMUM PIPE SIZE:
2'-0" WALL-18" PIPE
3'-1" WALL-24" PIPE

## PRECAST TYPE "C" INLET GD04
N.T.S



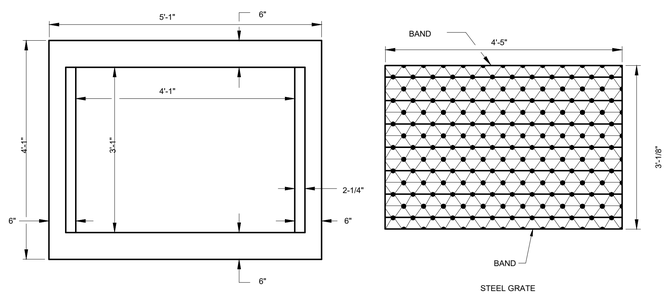

NOTE: DESIGN 25YR/24HR POND WATER ELEVATION = 5.7'

## POND CROSS SECTION GD12
N.T.S.

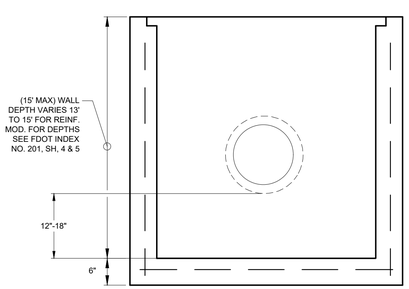



CONCRETE DITCH PAVING PER FDOT INDEX 281.2

## SWALE CROSS SECTION GD15
N.T.S.



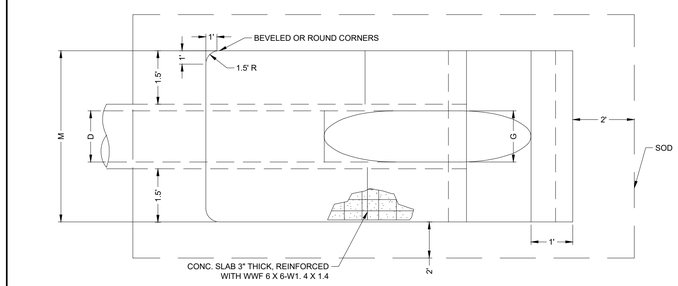

STRAIGHT BARS 2" X 1/4"
RETICULINE BARS 1 1/4" X 3/16"
BAND 2" X 1/4" APPROX.
WEIGHT 190 LBS.



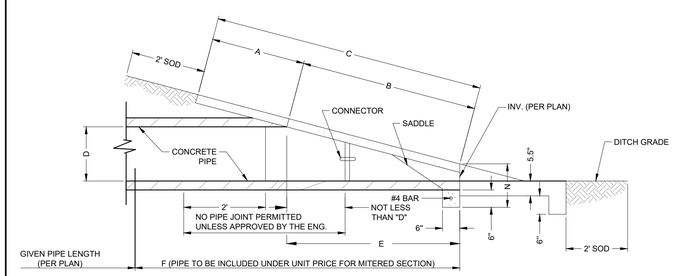

NOTES:
1. PRECAST IN ACCORDANCE WITH LATEST INDUSTRY STANDARDS.
2. GROUT OR "RAM-NEK" JOINTS AS REQUIRED.
3. CONCRETE DESIGN STRENGTH: 4,000 PSI
4. PIPE MUST NOT BE IN CONSTRUCTION JOINT.
5. TYPE II CEMENT TO BE USED.
6. PIPES SHALL BE FLUSH WITH INSIDE WALL.
7. SEE FDOT INDEX 201 FOR REINFORCEMENT BAR SCHEDULE.

RECOMMENDED MAXIMUM PIPE SIZE:
3'-1" WALL-24" PIPE
4'-1" WALL-36" PIPE

## PRECAST TYPE "D" INLET GD18
N.T.S.



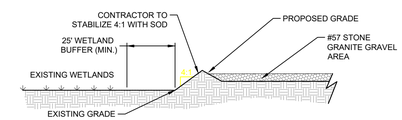

TOP VIEW - SINGLE PIPE




SECTION

| D | A | B | C | E | F | G | M | N | X | CONC. (CY) | SOD (SY) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8" | 2.5' | 0.72' | 3.22' | 0.7' | 4.0' | 0.58' | 3.75' | 1.04' | - | .52 | 7 |
| 15" | 2.5' | 3.09' | 5.59' | 3.0' | 7.0' | 1.23' | 4.33' | 1.04' | - | .64 | 8 |
| 18" | 2.5' | 4.12' | 6.62' | 4.0' | 8.0' | 1.41' | 4.58' | 1.04' | - | .69 | 9 |
| 24" | 2.5' | 6.18' | 8.68' | 6.0' | 10.0' | 1.73' | 5.08' | 1.04' | - | .83 | 10 |
| 30" | 2.5' | 8.25' | 10.75' | 8.0' | 12.0' | 2.00' | 5.58' | 1.04' | - | .96 | 11 |
| 36" | 2.5' | 10.31' | 12.81' | 10.0' | 14.0' | 2.24' | 6.08' | 1.04' | - | 1.08 | 12 |

## MITERED END SECTION GD3
N.T.S.




## GRAVEL PARKING CROSS SECTION GD16
N.T.S.

REVISIONS

| NO. | DATE | DESCRIPTION |
|---|---|---|
| 1 | 8/29/2019 | UPDATES PER COFB TRC COMMENTS |
| 2 | 11/8/2019 | UPDATED PER COFB TRC COMMENTS (2ND SUBMITTAL) |
| ----- | ----- | ----- |
| ----- | ----- | ----- |
| ----- | ----- | ----- |

REGISTERED ENGINEER
SCOTT A. KNOWLES, P.E.
CA#25553, FL#85391

DESIGN BY: SAK
DWG BY: MS & KJM
CHK BY: SAK
DATE: 11/8/2019
JOB No.: 18037


MATTHEWS DESIGN GROUP, INC.
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# CONSTRUCTION DETAILS
## WESTROCK DROP YARD
FERNANDINA BEACH
PREPARED FOR
WESTROCK FERNANDINA MILL




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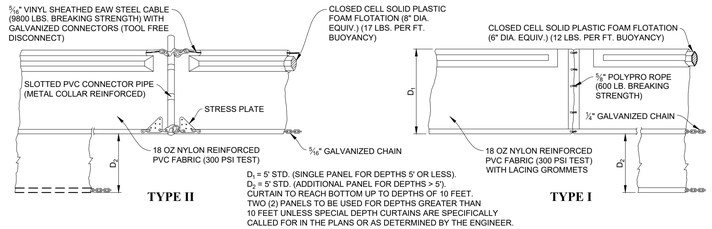
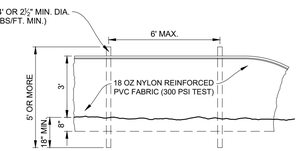



$D_1$ = 5' STD. (SINGLE PANEL FOR DEPTHS 5' OR LESS).
$D_2$ = 5' STD. (ADDITIONAL PANEL FOR DEPTHS > 5').
CURTAIN TO REACH BOTTOM UP TO DEPTHS OF 10 FEET.
TWO (2) PANELS TO BE USED FOR DEPTHS GREATER THAN 10 FEET UNLESS SPECIAL DEPTH CURTAINS ARE SPECIFICALLY CALLED FOR IN THE PLANS OR AS DETERMINED BY THE ENGINEER.

*NOTICE:*
*COMPONENTS OF TYPES I AND II MAY BE SIMILAR OR IDENTICAL TO PROPRIETARY DESIGNS. ANY INFRINGEMENT ON THE PROPRIETARY RIGHTS OF THE DESIGNER SHALL BE THE SOLE RESPONSIBILITY OF THE USER. SUBSTITUTIONS FOR TYPES I AND II SHALL BE AS APPROVED BY THE ENGINEER.*

## FLOATING TURBIDITY BARRIERS



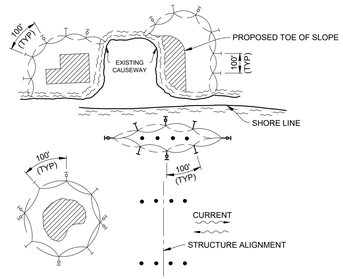

## STAKED TURBIDITY BARRIER

LEGEND

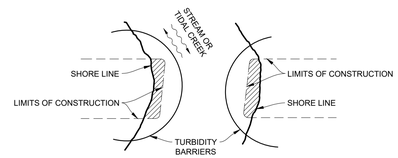
- PILE LOCATIONS
- DREDGE OR FILL AREA
- MOORING BUOY W/ANCHOR
- ANCHOR
- BARRIER MOVEMENT DUE TO CURRENT ACTION

NOTES:

1. TURBIDITY BARRIERS ARE TO BE USED IN ALL PERMANENT BODIES OF WATER REGARDLESS OF WATER DEPTH.
2. NUMBER AND SPACING OF ANCHORS DEPENDENT ON CURRENT VELOCITIES.
3. DEPLOYMENT OF BARRIER AROUND PILE LOCATIONS MAY VARY TO ACCOMMODATE CONSTRUCTION OPERATIONS.
4. NAVIGATION MAY REQUIRE SEGMENTING BARRIER DURING CONSTRUCTION OPERATIONS.
5. FOR ADDITIONAL INFORMATION SEE SECTION 104 OF THE STANDARD SPECIFICATIONS.




## TURBIDITY BARRIER APPLICATIONS



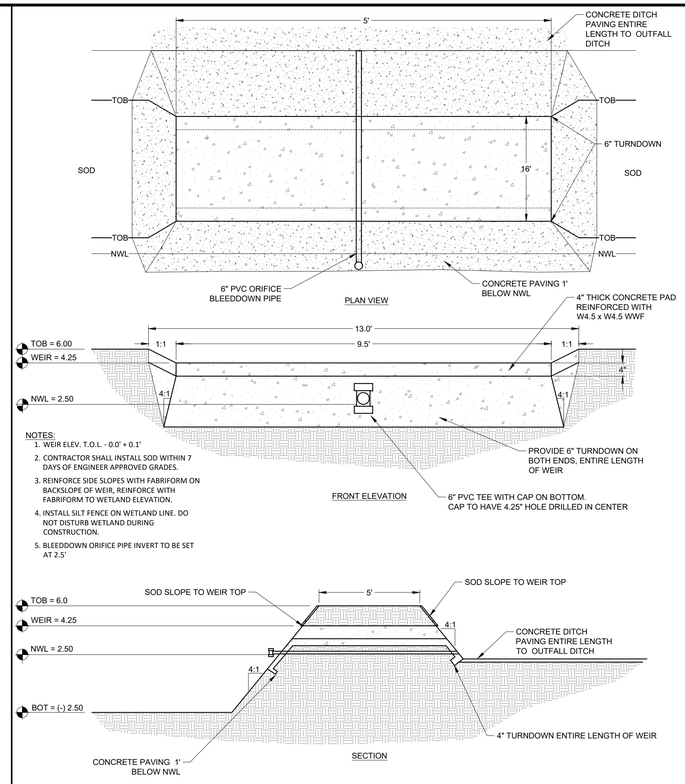

NOTE:
TURBIDITY BARRIERS FOR FLOWING STREAMS AND TIDAL CREEKS MAY BE EITHER FLOATING, OR STAKED TYPES OR ANY COMBINATIONS OF TYPES THAT WILL SUIT SITE CONDITIONS AND MEET EROSION CONTROL AND WATER QUALITY REQUIREMENTS. THE BARRIER TYPE(S) WILL BE AT THE CONTRACTORS OPTION UNLESS OTHERWISE SPECIFIED IN THE PLANS, HOWEVER PAYMENT WILL BE UNDER THE PAY ITEM(S) ESTABLISHED IN THE PLANS FOR FLOATING TURBIDITY BARRIER AND/OR STAKED TURBIDITY BARRIER. POSTS IN STAKED TURBIDITY BARRIERS TO BE INSTALLED IN VERTICAL POSITION UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

### GENERAL NOTES

1. FLOATING TURBIDITY BARRIERS ARE TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR FLOATING TURBIDITY BARRIER, LF.
2. STAKED TURBIDITY BARRIERS ARE TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR STAKED TURBIDITY BARRIER, LF.

## TURBIDITY BARRIERS

N.T.S. GD21

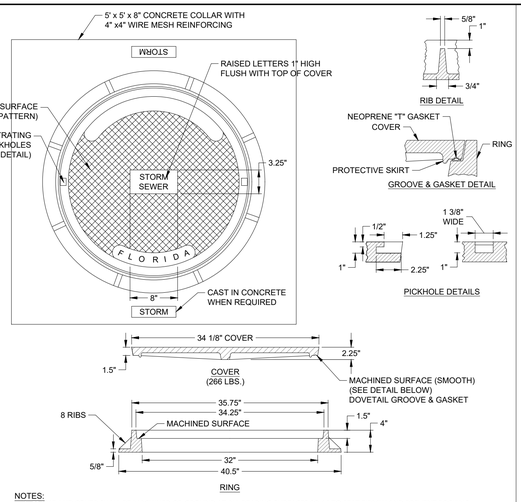



NOTES:

1. WEIR ELEV. T.O.L. - 0.0' + 0.1'
2. CONTRACTOR SHALL INSTALL SOD WITHIN 7 DAYS OF ENGINEER APPROVED GRADES.
3. REINFORCE SIDE SLOPES WITH FABRIFORM ON BACKSLOPE OF WEIR, REINFORCE WITH FABRIFORM TO WETLAND ELEVATION.
4. INSTALL SILT FENCE ON WETLAND LINE. DO NOT DISTURB WETLAND DURING CONSTRUCTION.
5. BLEEDDOWN ORIFICE PIPE INVERT TO BE SET AT 2.5'

## CONCRETE WEIR DETAIL

N.T.S. GD17

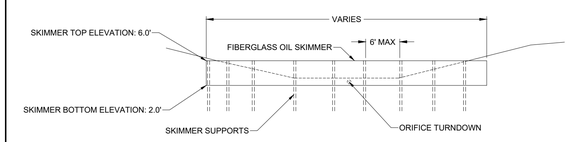



NOTES:

1. FRAME AND COVER SHALL BE MACHINED OR GROUND AT ALL BEARING SURFACES SO AS TO SEAT FIRMLY AND PREVENT ROCKING.
2. FRAME & COVER U.S. FOUNDRY NO. 655 490 LBS. TOTAL WEIGHT.
3. CONCRETE COLLAR IS REQUIRED ONLY WHEN MANHOLE IS OUT OF PAVEMENT IF REQUIRED BY THE DEPARTMENT.
4. MANHOLE ADJUSTMENTS SHALL BE MADE BY ADDING BRICKS USED TO ELEVATE MANHOLE COVERS TO RESURFACED GRADE (MAX. 4" HEIGHT).

## MANHOLE FRAME AND COVER (30" OPENING)

N.T.S. GD80




## SKIMMER DETAIL

N.T.S. GD14

REVISIONS

| NO. | DATE | DESCRIPTION |
|---|---|---|
| 1 | 8/29/2019 | UPDATES PER COFB TRC COMMENTS |
| 2 | 11/8/2019 | UPDATED PER COFB TRC COMMENTS (2ND SUBMITTAL) |
| ---- | ---- | ---- |
| ---- | ---- | ---- |
| ---- | ---- | ---- |

| | |
|---|---|
| DESIGN BY: | SAK |
| DWG BY: | MS & KJM |
| CHK BY: | SAK |
| DATE: | 11/8/2019 |
| JOB No.: | 18037 |

REGISTERED ENGINEER
SCOTT A. KNOWLES, P.E.
CHAPDESIGN FL#50391


MATTHEWS DESIGN GROUP, INC.
P.O. BOX 3126, 7 WALDO STREET
ST. AUGUSTINE, FLORIDA 32084
PHONE: 904.826.1334
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INFO@MATTHEWSDESIGN.NET


CONSTRUCTION DETAILS

WESTROCK DROP YARD
FERNANDINA BEACH
PREPARED FOR
WESTROCK FERNANDINA MILL




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# STORM WATER POLLUTION PREVENTION PLAN

## OWNER'S REQUIREMENTS

### SITE DESCRIPTION

PROJECT NAME: WESTROCK DROP YARD

LOCATION: NASSAU COUNTY - FERNANDINA BEACH

LATITUDE: 30° 40' 53"

LONGITUDE: 81° 27' 28"

OWNER NAME AND ADDRESS: ROCKTENN CP LLC (MATT SCOLFORO, P.E.)
PO BOX 4098 NORCROSS, GA 30091

DESCRIPTION: EXPANSION OF WESTROCKS TRAILER DROP YARD INCLUDING PAVEMENT IMPROVEMENTS AND STORM SYSTEM / TREATMENT POND CONSTRUCTION.

SOIL DISTURBING ACTIVITIES WILL INCLUDE:
PAVING, DRAINAGE, AND EARTHWORK ACTIVITIES

RUNOFF CURVE NUMBERS:
1. PRE-CONSTRUCTION = 74
2. DURING CONSTRUCTION = 86
3. POST-CONSTRUCTION = 98

EXISTING SOILS TYPE: ARENTS, TISONIA, KERSHAW
ESTIMATED SHWLS: 4.0'

SITE MAPS:
* SEE ATTACHED GRADING PLAN FOR PRE & POST DEVELOPMENT GRADES, AREAS OF SOILS, DISTURBANCE, LOCATION OF SURFACE WATERS, WETLANDS, PROTECTED AREAS, MAJOR STRUCTURAL AND NONSTRUCTURAL CONTROLS AND STORM WATER DISCHARGE POINTS.
* SEE ATTACHED EROSION & TURBIDITY CONTROL PLAN FOR LOCATION OF TEMPORARY STABILIZATION PRACTICES, AND TURBIDITY BARRIERS
* SEE GENERAL NOTES FOR REQUIREMENTS FOR TEMPORARY AND PERMANENT STABILIZATION.

SITE AREA:
1. TOTAL AREA OF SITE = 213 ACRES
2. TOTAL AREA TO BE DISTURBED = 21.8 ACRES

NAME OF RECEIVING WATERS: ST. MARYS RIVER BASIN

OUTFALL 1:
DRAINAGE AREA: BASIN 1
LATITUDE: 30° 40' 46" N
LONGITUDE: 81° 27' 40" W

OUTFALL 2:
DRAINAGE AREA: ______
LATITUDE: ______
LONGITUDE: ______

### CONTROLS

THIS PLAN UTILIZES BEST MANAGEMENT PRACTICES TO CONTROL EROSION AND TURBIDITY CAUSED BY STORM WATER RUN OFF. AN EROSION AND TURBIDITY PLAN HAS BEEN PREPARED TO INSTRUCT THE CONTRACTOR ON PLACEMENT OF THESE CONTROLS. IT IS THE CONTRACTORS RESPONSIBILITY TO INSTALL AND MAINTAIN THE CONTROLS PER PLAN AS WELL AS ENSURING THE PLAN IS PROVIDING THE PROPER PROTECTION AS REQUIRED BY FEDERAL, STATE AND LOCAL LAWS. REFER TO "CONTRACTORS RESPONSIBILITY" FOR A DESCRIPTION OF THE CONTROLS THAT MAY BE IMPLEMENTED.

STORM WATER MANAGEMENT

STORM WATER DRAINAGE WILL BE PROVIDED BY (DESCRIPTION:) ______ STANDARD CONSTRUCTION PRACTICES AND PROPOSED POND

AREAS WHICH ARE NOT TO BE CONSTRUCTED ON, BUT WILL BE REGRADED SHALL BE STABILIZED IMMEDIATELY AFTER GRADING IS COMPLETE. WHEN CONSTRUCTION IS COMPLETE, A TOTAL OF 12.8 ACRES WILL HAVE BEEN REGRADED AND 200 ACRES LEFT UNDISTURBED. THE SITE DISCHARGES TO A WET DETENTION SYSTEM. WHERE PRACTICAL, TEMPORARY SEDIMENT BASINS WILL BE USED TO INTERCEPT SEDIMENT BEFORE ENTERING THE PERMANENT DETENTION BASIN. THIS IS IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH BY THE WATER MANAGEMENT DISTRICT FOR THIS TYPE OF DEVELOPMENT AT THE TIME OF PERMITTING

BMP'S TO BE IMPLEMENTED
BMP: SILT FENCE
LOCATION AND DESCRIPTION: CONSTRUCTION LIMITS BOUNDARY
BMP: CONSTRUCTION ENTRANCE
LOCATION AND DESCRIPTION: SOUTHWEST AREA OF SITE
BMP: FLOATING TURBIDITY BARRIER / INLET PROTECTION
LOCATION AND DESCRIPTION: POND MES OUTFALL / ALL APPLICABLE INLETS

### CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS RELATED TO STORM WATER MANAGEMENT AND EROSION AND TURBIDITY CONTROLS, THE FOLLOWING PERMITS HAVE BEEN OBTAINED.

C.O.E. DREDGE/FILL PERMIT # N/A
US ARMY CORPS OF ENGINEERS PERMIT # SAJ-2017-01689

### POLLUTION PREVENTION PLAN CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNED:______________________

DATED:______________________

## CONTRACTOR'S REQUIREMENTS

### GENERAL

THE CONTRACTOR SHALL AT A MINIMUM IMPLEMENT THE CONTRACTOR'S REQUIREMENTS OUTLINED BELOW AND THOSE MEASURES SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN. IN ADDITION THE CONTRACTOR SHALL UNDERTAKE ADDITIONAL MEASURES REQUIRED TO BE IN COMPLIANCE WITH APPLICABLE PERMIT CONDITIONS AND STATE WATER QUALITY STANDARDS. DEPENDING ON THE NATURE OF MATERIALS AND METHODS OF CONSTRUCTION THE CONTRACTOR MAY BE REQUIRED TO ADD FLOCCULENTS TO THE RETENTION SYSTEM PRIOR TO PLACING THE SYSTEM INTO OPERATION.

### SEQUENCE OF MAJOR ACTIVITIES:

THE ORDER OF ACTIVITIES WILL BE AS FOLLOWS:

1. INSTALL STABILIZED CONSTRUCTION ENTRANCE
2. INSTALL SILT FENCES AND SYNTHETIC BALES AS REQUIRED
3. CLEAR AND GRUB FOR DIVERSION SWALES/DIKES AND SEDIMENT BASIN
4. CONSTRUCT SEDIMENTATION BASIN
5. CONTINUE CLEARING AND GRUBBING
6. STOCK PILE TOP SOIL IF REQUIRED
7. PERFORM PRELIMINARY GRADING ON SITE AS REQUIRED
8. STABILIZE DENUDED AREAS AND STOCKPILES AS SOON AS PRACTICABLE
9. INSTALL STORM SEWER, AND IRRIGATION.
10. COMPLETE GRADING AND INSTALL PERMANENT SEEDING/SOD AND PLANTING
11. REMOVE ACCUMULATED SEDIMENT FROM BASINS
12. WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE AND THE SITE IS STABILIZED, REMOVE ANY TEMPORARY DIVERSION SWALES/DIKES AND RESEED/SOD AS REQUIRED

### TIMING OF CONTROLS/MEASURES

AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, THE SILT FENCES AND HAY BALES, STABILIZED CONSTRUCTION ENTRANCE AND SEDIMENT BASIN WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, THAT AREA WILL BE STABILIZED PERMANENTLY IN ACCORDANCE WITH THE PLANS. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE SEDIMENT TRAPS AND THE EARTH DIKE/SWALES WILL BE REGRADED/REMOVED AND STABILIZED IN ACCORDANCE WITH THE EROSION & TURBIDITY CONTROL PLAN.

### CONTROLS

IT IS THE CONTRACTORS RESPONSIBILITY TO IMPLEMENT THE EROSION AND TURBIDITY CONTROLS AS SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN. IT IS ALSO THE CONTRACTORS RESPONSIBILITY TO ENSURE THESE CONTROLS ARE PROPERLY INSTALLED , MAINTAINED AND FUNCTIONING PROPERLY TO PREVENT TURBID OR POLLUTED WATER FROM LEAVING THE PROJECT SITE. THE CONTRACTOR WILL ADJUST THE EROSION AND TURBIDITY CONTROLS SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN AND ADD ADDITIONAL CONTROL MEASURES, AS REQUIRED,TO ENSURE THE SITE MEETS ALL FEDERAL, STATE AND LOCAL EROSION AND TURBIDITY CONTROL REQUIREMENTS. THE FOLLOWING BEST MANAGEMENT PRACTICES WILL BE IMPLEMENTED BY THE CONTRACTOR AS REQUIRED BY THE EROSION AND TURBIDITY CONTROL PLAN AND AS REQUIRED TO MEET THE EROSION AND TURBIDITY REQUIREMENTS IMPOSED ON THE PROJECT SITE BY THE REGULATORY AGENCIES.

EROSION AND SEDIMENT CONTROLS
STABILIZATION PRACTICES

1. SYNTHETIC BALE BARRIER: SYNTHETIC BALE BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS:
   A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT.
   B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES.
   C. WHERE EFFECTIVENESS IS REQUIRED FOR LESS THAN 3 MONTHS.
   D. EVERY EFFORT SHOULD BE MADE TO LIMIT THE USE OF SYNTHETIC BALE BARRIERS CONSTRUCTED IN LIVE STREAMS OR IN SWALES WHERE THERE IS THE POSSIBILITY OF A WASHOUT. IF NECESSARY, MEASURES SHALL BE TAKEN TO PROPERLY ANCHOR BALES TO INSURE AGAINST WASHOUT.
   REFER TO THE DETAILS FOR CONSTRUCTING THE HAY BALE BARRIER. ALSO REFER TO THE DETAILS FOR PROPER LOCATION, MATERIAL AND USAGE.
2. FILTER FABRIC BARRIER: FILTER FABRIC BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS:
   A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT.
   B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES.
   REFER TO THE DETAIL SHEET FOR PROPER CONSTRUCTION OF THE FILTER FABRIC BARRIER.
3. BRUSH BARRIER WITH FILTER FABRIC: BRUSH BARRIER MAY BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WHERE ENOUGH RESIDUE MATERIAL IS AVAILABLE ON SITE.
4. LEVEL SPREADER: A LEVEL SPREADER MAY BE USED WHERE SEDIMENT-FREE STORM RUNOFF IS INTERCEPTED AND DIVERTED AWAY FROM THE GRADED AREAS ONTO UNDISTURBED STABILIZED AREAS. THIS PRACTICE APPLIES ONLY IN THOSE SITUATIONS WHERE THE SPREADER CAN BE CONSTRUCTED ON UNDISTURBED SOIL AND THE AREA BELOW THE LEVEL LIP IS STABILIZED. THE WATER SHOULD NOT BE ALLOWED TO RECONCENTRATE AFTER RELEASE. LEVEL SPREADER SHALL BE CONSTRUCTED IN ACCORDANCE TO THE DETAILS.
5. STOCKPILING MATERIAL: NO EXCAVATED MATERIAL SHALL BE STOCKPILED IN SUCH A MANNER AS TO DIRECT RUNOFF DIRECTLY OFF THE PROJECT SITE INTO ANY ADJACENT WATER BODY OR STORM WATER COLLECTION FACILITY.
6. EXPOSED AREA LIMITATION: THE SURFACE AREA OF OPEN, RAW ERODIBLE SOIL EXPOSED BY CLEARING AND GRUBBING OPERATIONS OR EXCAVATION AND FILLING OPERATIONS SHALL NOT EXCEED 10 ACRES. THIS REQUIREMENT MAY BE WAIVED FOR LARGE PROJECTS WITH AN EROSION CONTROL PLAN WHICH DEMONSTRATES THAT OPENING OF ADDITIONAL AREAS WILL NOT SIGNIFICANTLY AFFECT OFF-SITE DEPOSIT OF SEDIMENTS.
7. INLET PROTECTION: INLETS AND CATCH BASINS WHICH DISCHARGE DIRECTLY OFF-SITE SHALL BE PROTECTED FROM SEDIMENT-LADEN STORM RUNOFF UNTIL THE COMPLETION OF ALL CONSTRUCTION OPERATIONS THAT MAY CONTRIBUTE SEDIMENT TO THE INLET.
8. TEMPORARY SEEDING: AREAS OPENED BY CONSTRUCTION OPERATIONS AND THAT ARE NOT ANTICIPATED TO BE RE-EXCAVATED OR DRESSED AND RECEIVE FINAL GRASSING TREATMENT WITHIN 30 DAYS SHALL BE SEEDED WITH A QUICK GROWING GRASS SPECIES WHICH WILL PROVIDE AN EARLY COVER DURING THE SEASON IN WHICH IT IS PLANTED AND WILL NOT LATER COMPETE WITH THE PERMANENT GRASSING.
9. TEMPORARY SEEDING AND MULCHING: SLOPES STEEPER THAN 6:1 THAT FALL WITHIN THE CATEGORY ESTABLISHED IN PARAGRAPH 8 ABOVE SHALL ADDITIONALLY RECEIVE MULCHING OF APPROXIMATELY 2 INCHES LOOSE MEASURE OF MULCH MATERIAL CUT INTO THE SOIL OF THE SEEDED AREA ADEQUATE TO PREVENT MOVEMENT OF SEED AND MULCH.
10. TEMPORARY GRASSING: THE SEEDED OR SEEDED AND MULCHED AREA(S) SHALL BE ROLLED AND WATERED OR HYDRO MULCHED OR OTHER SUITABLE METHODS IF REQUIRED TO ASSURE OPTIMUM GROWING CONDITIONS FOR THE ESTABLISHMENT OF A GOOD GRASS COVER. TEMPORARY GRASSING SHALL BE THE SAME MIX & AMOUNT REQUIRED FOR PERMANENT GRASSING IN THE CONTRACT SPECIFICATIONS.
11. TEMPORARY REGRASSING : IF, AFTER 14 DAYS FROM SEEDING, THE TEMPORARY GRASSED AREAS HAVE NOT ATTAINED A MINIMUM OF 75 PERCENT GOOD GRASS COVER, THE AREA WILL BE REWORKED AND ADDITIONAL SEED APPLIED SUFFICIENT TO ESTABLISH THE DESIRED VEGETATIVE COVER.
12. MAINTENANCE: ALL FEATURES OF THE PROJECT DESIGNED AND CONSTRUCTED TO PREVENT EROSION AND SEDIMENT SHALL BE MAINTAINED DURING THE LIFE OF THE CONSTRUCTION SO AS TO FUNCTION AS THEY WERE ORIGINALLY DESIGNED AND CONSTRUCTED.
13. PERMANENT EROSION CONTROL: THE EROSION CONTROL FACILITIES OF THE PROJECT SHOULD BE DESIGNED TO MINIMIZE THE IMPACT ON THE OFFSITE FACILITIES.
14. PERMANENT SEEDING: ALL AREAS WHICH HAVE BEEN DISTURBED BY CONSTRUCTION WILL, AS A MINIMUM, BE SEEDED. THE SEEDING MIX MUST PROVIDE BOTH LONG-TERM VEGETATION AND RAPID GROWTH SEASONAL VEGETATION. SLOPES STEEPER THAN 4:1 SHALL BE SEEDED AND MULCHED OR SODDED.
15. TEMPORARY FLOATING TURBIDITY BARRIER: FLOATING TURBIDITY BARRIER MAY BE USED IN ALL PERMANENT BODIES OF WATER REGARDLESS OF WATER DEPTH. FILTER CURTAIN SHALL REACH THE BOTTOM UP TO DEPTHS OF 10 FEET.

STRUCTURAL PRACTICES

1. TEMPORARY DIVERSION DIKE: TEMPORARY DIVERSION DIKES MAY BE USED TO DIVERT RUNOFF THROUGH A SEDIMENT-TRAPPING FACILITY. AND IT SHALL BE CONSTRUCTED IN ACCORDANCE TO WITH THE DETAILS.
2. TEMPORARY SEDIMENT TRAP: A SEDIMENT TRAP SHALL BE INSTALLED IN AN DRAINAGE WAY AT A STORM DRAIN INLET OR AT OTHER POINTS OF DISCHARGE FROM A DISTURBED AREA.
   THE FOLLOWING SEDIMENT TRAPS MAY BE CONSTRUCTED EITHER INDEPENDENTLY OR IN CONJUNCTION WITH A TEMPORARY DIVERSION DIKE:
   A. BLOCK & GRAVEL SEDIMENT FILTER - THIS PROTECTION IS APPLICABLE WHERE HEAVY FLOWS AND/OR WHERE AN OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE. REFER TO THE DETAIL SHEET FOR CONSTRUCTION OF A CURB INLET SEDIMENT FILTER, AND FOR CONSTRUCTION OF A DROP INLET SEDIMENT FILTER.
   AREAS. REFER TO THE DETAILS FOR CONSTRUCTION OF CURB INLET & DROP
   B. GRAVEL SEDIMENT TRAP - THIS PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED, BUT NOT WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES & UNPROTECTED SEDIMENT TRAP.
   C. DROP INLET SEDIMENT TRAP - THIS PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (S < 5%) AND WHERE SHEET OR OVERLAND FLOWS (Q < 0.5 CFS) ARE TYPICAL. THIS METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS SUCH AS IN STREET OR HIGHWAY MEDIANS. REFER TO THE DETAILS FOR CONSTRUCTION OF HAY BALE & FABRIC SEDIMENT FILTER.
3. OUTLET PROTECTION: APPLICABLE TO THE OUTLETS OF ALL PIPES AND PAVED CHANNEL SECTIONS WHERE THE FLOW COULD CAUSE EROSION & SEDIMENT PROBLEM TO THE RECEIVING WATER BODY. SILT FENCES & HAY BALES ARE TO BE INSTALLED IMMEDIATELY DOWNSTREAM OF THE DISCHARGING STRUCTURE AS SHOWN ON THE OUTLET PROTECTION DETAIL.
4. SEDIMENT BASIN: WILL BE CONSTRUCTED AT THE COMMON DRAINAGE LOCATIONS THAT SERVE AN AREA WITH 10 OR MORE DISTURBED ACRES AT ONE TIME, THE PROPOSED STORM WATER PONDS (OR TEMPORARY PONDS) WILL BE CONSTRUCTED FOR USE AS SEDIMENT BASINS. THESE SEDIMENT BASINS MUST PROVIDE A MINIMUM OF 3,600 CUBIC FEET OF STORAGE PER ACRE DRAINED UNTIL FINAL STABILIZATION OF THE SITE.

THE 3,600 CUBIC FEET OF STORAGE AREA PER ACRE DRAINED DOES NOT APPLY TO FLOWS FROM OFFSITE AREAS AND FLOWS FROM ONSITE AREAS THAT ARE EITHER UNDISTURBED OR HAVE UNDERGONE FINAL STABILIZATION WHERE SUCH FLOWS ARE DIVERTED AROUND BOTH THE DISTURBED AREA AND THE SEDIMENT BASIN. ANY TEMPORARY SEDIMENT BASINS CONSTRUCTED MUST BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS FOR STRUCTURAL FILL. ALL SEDIMENT COLLECTED IN PERMANENT OR TEMPORARY SEDIMENT TRAPS MUST BE REMOVED UPON FINAL STABILIZATION.

### OTHER CONTROLS

WASTE DISPOSAL

WASTE MATERIALS

ALL WASTE MATERIALS EXCEPT LAND CLEARING DEBRIS SHALL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT REGULATIONS. THE DUMPSTER WILL BE EMPTIED AS NEEDED AND THE TRASH WILL BE HAULED TO A STATE APPROVED LANDFILL. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED AT THE CONSTRUCTION SITE BY THE CONSTRUCTION SUPERINTENDENT. THE INDIVIDUAL WHO MANAGES THE DAY-TO-DAY SITE OPERATIONS WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

HAZARDOUS WASTE

ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER. SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES AND THE SITE SUPERINTENDENT. THE INDIVIDUAL WHO MANAGES DAY-TO-DAY SITE OPERATIONS WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.

SANITARY WASTE

ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS AS NEEDED TO PREVENT POSSIBLE SPILLAGE. THE WASTE WILL BE COLLECTED AND DEPOSED OF IN ACCORDANCE WITH STATE AND LOCAL WASTE DISPOSAL REGULATIONS FOR SANITARY SEWER OR SEPTIC SYSTEMS.

OFFSITE VEHICLE TRACKING

A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEPT DAILY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPAULIN.

### INVENTORY FOR POLLUTION PREVENTION PLAN

THE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED TO BE PRESENT ONSITE DURING CONSTRUCTION:

| | | |
|---|---|---|
| ☐ Concrete | ☐ Fertilizers | ☐ Wood |
| ☐ Asphalt | ☐ Petroleum Based Products | ☐ Masonry Blocks |
| ☐ Tar | ☐ Cleaning Solvents | ☐ Roofing Materials |
| ☐ Detergents | ☐ Paints | ☐ Metal Studs |
| ☐ ______ | ☐ ______ | ☐ ______ |

### SPILL PREVENTION

MATERIAL MANAGEMENT PRACTICES

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

GOOD HOUSEKEEPING

THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT.

* AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.
* ALL MATERIALS STORED ONSITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.
* PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.
* SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
* WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.
* MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.
* THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE MATERIALS ONSITE RECEIVE PROPER USE AND DISPOSAL.

HAZARDOUS PRODUCTS

THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS.

* PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.
* ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED; THEY CONTAIN IMPORTANT PRODUCT INFORMATION.
* IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURER'S OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED.

PRODUCT SPECIFIC PRACTICES
THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ONSITE:

PETROLEUM PRODUCTS

ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ONSITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

FERTILIZERS

FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE WILL BE IN A COVERED AREA. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.

PAINTS

ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURERS' INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.

CONCRETE TRUCKS

CONCRETE TRUCKS SHALL BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ONLY AT DISCHARGE POINT PROVIDED. NO OFFSITE DISCHARGE WILL BE PERMITTED.

SPILL CONTROL PRACTICES

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

MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED ON SITE AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.

MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, LIQUID ABSORBENT (i.e. KITTY LITTER OR EQUAL), SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.

ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.

THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.

SPILL OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE OF THE SPILL.

THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.

THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE/SHE WILL DESIGNATE AT LEAST ONE OTHER SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IF APPLICABLE, IN THE OFFICE TRAILER ONSITE.

### MAINTENANCE/INSPECTION PROCEDURES

EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE PRACTICES

THE FOLLOWING ARE INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS.

* NO MORE THAN 10 ACRES OF THE SITE WILL BE DENUDED AT ONE TIME WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.
* ALL CONTROL MEASURES WILL BE INSPECTED BY THE SUPERINTENDENT, THE PERSON RESPONSIBLE FOR THE DAY TO DAY SITE OPERATION OR SOMEONE APPOINTED BY THE SUPERINTENDENT, AT LEAST ONCE A WEEK AND FOLLOWING ANY STORM EVENT OF 0.50 INCHES OR GREATER.
* ALL TURBIDITY CONTROL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT.
* BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE.
* SILT FENCE WILL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND.
* THE SEDIMENT BASINS WILL BE INSPECTED FOR THE DEPTH OF SEDIMENT, AND BUILT UP SEDIMENT WILL BE REMOVED WHEN IT REACHES 10 PERCENT OF THE DESIGN CAPACITY OR AT THE END OF THE JOB, WHICHEVER COMES FIRST.
* DIVERSION DIKES/SWALES WILL BE INSPECTED AND ANY BREACHES PROMPTLY REPAIRED.
* TEMPORARY AND PERMANENT SEEDING AND PLANTING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.
* A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION.

THE REPORTS WILL BE KEPT ON SITE DURING CONSTRUCTION AND AVAILABLE UPON REQUEST TO THE OWNER, ENGINEER OR ANY FEDERAL, STATE OR LOCAL AGENCY APPROVING SEDIMENT AND AND EROSION PLANS, OR STORM WATER MANAGEMENT PLANS.
THE REPORTS SHALL BE MADE AND RETAINED AS PART OF THE STORM WATER POLLUTION PREVENTION PLAN FOR AT LEAST THREE YEARS FROM

* THE SITE SUPERINTENDENT WILL SELECT UP TO THREE INDIVIDUALS WHO WILL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES, AND FILLING OUT THE INSPECTION AND MAINTENANCE REPORT.
* PERSONNEL SELECTED FOR INSPECTION AND MAINTENANCE RESPONSIBILITIES WILL RECEIVE TRAINING FROM THE SITE. SUPERINTENDENT. THEY WILL BE TRAINED IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ONSITE IN GOOD WORKING ORDER.

NON-STORM WATER DISCHARGES

IT IS EXPECTED THAT THE FOLLOWING NON-STORM WATER DISCHARGES WILL OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD:

* WATER FROM WATER LINE FLUSHING
* PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED).
* UNCONTAMINATED GROUNDWATER (FROM DEWATERING EXCAVATION).

ALL NON-STORM WATER DISCHARGES WILL BE DIRECTED TO THE SEDIMENT BASIN PRIOR TO DISCHARGE.

CONTRACTOR'S CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERIC STORMWATER PERMIT ISSUED PURSUANT TO SECTION 403.0885, F.S., THAT AUTHORIZES THE STROM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

| RESPONSIBLE FOR/DUTIES | BUSINESS NAME AND ADDRESS OF CONTRACTOR & ALL SUBS | SIGNATURE / DATE |
|---|---|---|
| GENERAL CONTRACTOR | | |
| SUB-CONTRACTOR | | |
| SUB-CONTRACTOR | | |
| SUB-CONTRACTOR | | |
| SUB-CONTRACTOR | | |

REVISIONS

| NO. | DATE | DESCRIPTION |
|---|---|---|
| | | |

| | |
|---|---|
| DSGN BY: | SAK |
| DWG BY: | MS & KJM |
| CHK BY: | SAK |
| DATE: | 11/8/2019 |
| JOB No.: | 18037 |

MATTHEWS DESIGN GROUP, INC.
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SWPPP
WESTROCK DROP YARD
FERNANDINA BEACH
PREPARED FOR
WESTROCK FERNANDINA MILL



S:\PROJECTS\18000\18037 - WESTROCK DROP YARD\DRAWINGS\CONSTRUCTION DOCUMENTS\18037 - SWPPP.DWG_13 SWPPP, 10/29/2020 9:13 AM, Branden Marcinell, MATTHEWS DESIGN GROUP, INC.

STORM WATER POLLUTION PREVENTION PLAN

INSPECTION AND MAINTENANCE REPORT FORM

TO BE COMPLETED EVERY 7 DAYS AND WITHIN 24 HOURS OF
A RAINFALL EVENT OF 0.50 INCHES OR MORE

INSPECTOR:_____ DATE:_____

INSPECTOR'S QUALIFICATIONS:
_____
_____
_____
_____

DAYS SINCE LAST RAINFALL:_____ AMOUNT OF LAST RAINFALL _____ INCHES

STABILIZATION MEASURES

| INSPECTION AREA (DESCRIPTION OF LOCATION) | DATE SINCE LAST DISTURBED | DATE OF NEXT DISTURBANCE | STABLIZED ? (YES/NO) | STABILIZED WITH | CONDITION |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

STABILIZATION REQUIRED:
_____
_____
_____
_____

TO BE PERFORMED BY:_____ ON OR BEFORE:_____

PAGE 1 OF 4

STORM WATER POLLUTION PREVENTION PLAN

INSPECTION AND MAINTENANCE REPORT FORM

STRUCTURAL CONTROLS

DATE:_____

EARTH DIKES/SWALES

| DIKE OR SWALE | FROM | TO | IS DIKE/SWALE STABILIZED ? | IS THERE EVIDENCE OF WASHOUT OR OVERTOPPING |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |

MAINTENANCE REQUIRED FOR EARTH DIKE/SWALE:
_____
_____
_____
_____

TO BE PERFORMED BY:_____ ON OR BEFORE:_____

CATCH BASIN/CURB INLET/OUTFALL TURBIDITY CONTROLS

| STRUCTURE/ OUTFALL | ARE TURBIDITY CONTROLS IN PLACE | ANY EVIDENCE OF CLOGING/WASHOUT OR BYPASSING ? | ARE TURBIDITY CONTROLS IN NEED OF REPLACING | DOES SILT NEED TO BE REMOVED FROM AROUND CONTROL |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

MAINTENANCE REQUIRED FOR CATCH BASIN/CURB INLETS/OUTFALLS TURBIDITY CONTROLS:
_____
_____
_____
_____

TO BE PERFORMED BY:_____ ON OR BEFORE:_____

PAGE 2 OF 4

STORM WATER POLLUTION PREVENTION PLAN

INSPECTION AND MAINTENANCE REPORT FORM

SEDIMENT BASIN

| DEPTH OF SEDIMENT IN BASIN | DEPTH OF SEDIMENT SIDE BASIN | ANY EVIDENCE OF OVERTOPPING OF THE EMBANKMENT ? | CONDITION OF OUTFALL FROM SEDIMENT BASIN |
|---|---|---|---|
| | | | |
| | | | |

MAINTENANCE REQUIRED FOR SEDIMENT BASIN:
_____
_____
_____
_____

TO BE PERFORMED BY:_____ ON OR BEFORE:_____

OTHER CONTROLS

STABILIZED CONSTRUCTION ENTRANCE

| DOES MUCH SEDIMENT GET TRACKED ON TO ROAD ? | IS THE GRAVEL CLEAN OR IS IT FILLED WITH SEDIMENT? | DOES ALL TRAFFIC USE THE STABILIZED ENTRANCE TO LEAVE THE SITE ? | IS THE CULVERT BENEATH THE ENTRANCE WORKING? (IF APPLICABLE) |
|---|---|---|---|
| | | | |

MAINTENANCE REQUIRED FOR STABILIZED CONSTRUCTION ENTRANCE:
_____
_____
_____

TO BE PERFORMED BY:_____ ON OR BEFORE:_____

PAGE 3 OF 4

STORM WATER POLLUTION PREVENTION PLAN

INSPECTION AND MAINTENANCE REPORT FORM

CHANGES REQUIRED TO THE POLLUTION PREVENTION PLAN:
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

REASONS FOR CHANGES:
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNATURE:_____

DATE:_____

PAGE 4 OF 4

NOTE TO CONTRACTOR:

THIS IS THE CONTRACTORS CERTIFICATION REQUIRED BY THE EPA'S NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES). STORM WATER POLLUTION PREVENTION PLAN FOR CONSTRUCTION SITES OVER 5 ACRES. THIS CERTIFICATION WILL BE PERIODICALLY REVIEWED AND UPDATED AS NECESSARY. IT IS ALSO SUGGESTED THAT THIS SHEET BE REMOVED FROM THE PLAN SET AND DUPLICATED AS NEEDED BY THE CONTRACTOR.

SWPPP CERTIFICATION

WESTROCK DROP YARD

FERNANDINA BEACH

PREPARED FOR

WESTROCK FERNANDINA MILL

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| | |
|---|---|
| DSGN BY: | SAK |
| DWG BY: | MS & KJM |
| CHK BY: | SAK |
| DATE: | 11/8/2019 |
| JOB No.: | 18037 |

REVISIONS

| NO. | DATE | DESCRIPTION |
|---|---|---|
| 1 | 8/29/2019 | UPDATES PER COFB TRC COMMENTS |
| 2 | 11/8/2019 | UPDATED PER COFB TRC COMMENTS (2ND SUBMITTAL) |
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