



**AGENDA
TECHNICAL REVIEW COMMITTEE
REGULAR MEETING
MAY 27, 2021
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**
- 5. DISCUSSION ITEMS**
 - 5.1 Pre-Application Discussion - Robert Ziegenfuss, Z Development Services, Parcel: 00-00-30-0800-0029-0040 on S. 8th St. - To discuss the construction of a Popeyes fast food restaurant. This property is zoned C-2.
 - 5.2 Pre-Application Discussion - Asa Gillette, Gillette & Associates, Inc., N. 2nd St., To discuss the construction of 5 townhome and courtyard.
 - 5.3 Pre-Application Discussion - Kathleen McClurg, 312 S. 8th St., To discuss opening a Montessori school in a former transportation logistics location. This property is zoned MU-8.
- 6. NEW BUSINESS**
 - 6.1 SPR 2021-0007: Chris Nardone, Passero Associates, LLC., 700 Airport Rd. - Site Plan Review of proposed fire station at airport.
- 7. DEVELOPMENT INQUIRIES FROM APPLICANTS NOT ON THE AGENDA - DISCUSSION ONLY, NO ACTION TO BE TAKEN.**
- 8. COMMITTEE BUSINESS**
- 9. ADJOURNMENT**

NEXT REGULAR TRC MEETING IS SCHEDULED FOR JUNE 10TH

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.

Print

**Technical Review Committee (TRC): Pre-Application Meeting Request -
Submission #7317**

Date Submitted: 5/10/2021

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 “ see LDC Section 11.00.05



Pre-Application Conference “ see LDC section 11.01.02

The LDC is available for review at

www.fbfl.us/LDC

Application Requirements

All applications and related documents for a Pre-Application Meeting must be submitted by 12:00 p.m. five (5) business days before the scheduled meeting. Required documents are as follow:



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 Appraiser’s Website at Map Search](#)

Site Address*

South 8th Street

City*

Fernandina Beach

State*

FL

Zip*

32034

Parcel ID #(s)***Lot****Block****Subdivision****Zoning District*****Future Land Use Designation*****Overlay District****Size of Property (acres)*****Present Property Use*****Wetlands*****Flood Zone*****Coastal Construction Control Line (CCCL)***

CONTACT INFORMATION

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

First Name***Last Name*****Company (if applicable)****Telephone Number*****E-mail Address***

PROJECT INFORMATION

Project Name**Project Type*****Project Description***

Describe your project in detail

Proposed Access Road***Rd Maintenance Jurisdiction *****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*

Robert

Applicant Last Name*

Ziegenfuss

Today's Date*

5/10/2021

Upload Supporting Documentation*

2021.155 CP2.pdf

Upload 2

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Upload 3

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Upload 4

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Upload 5

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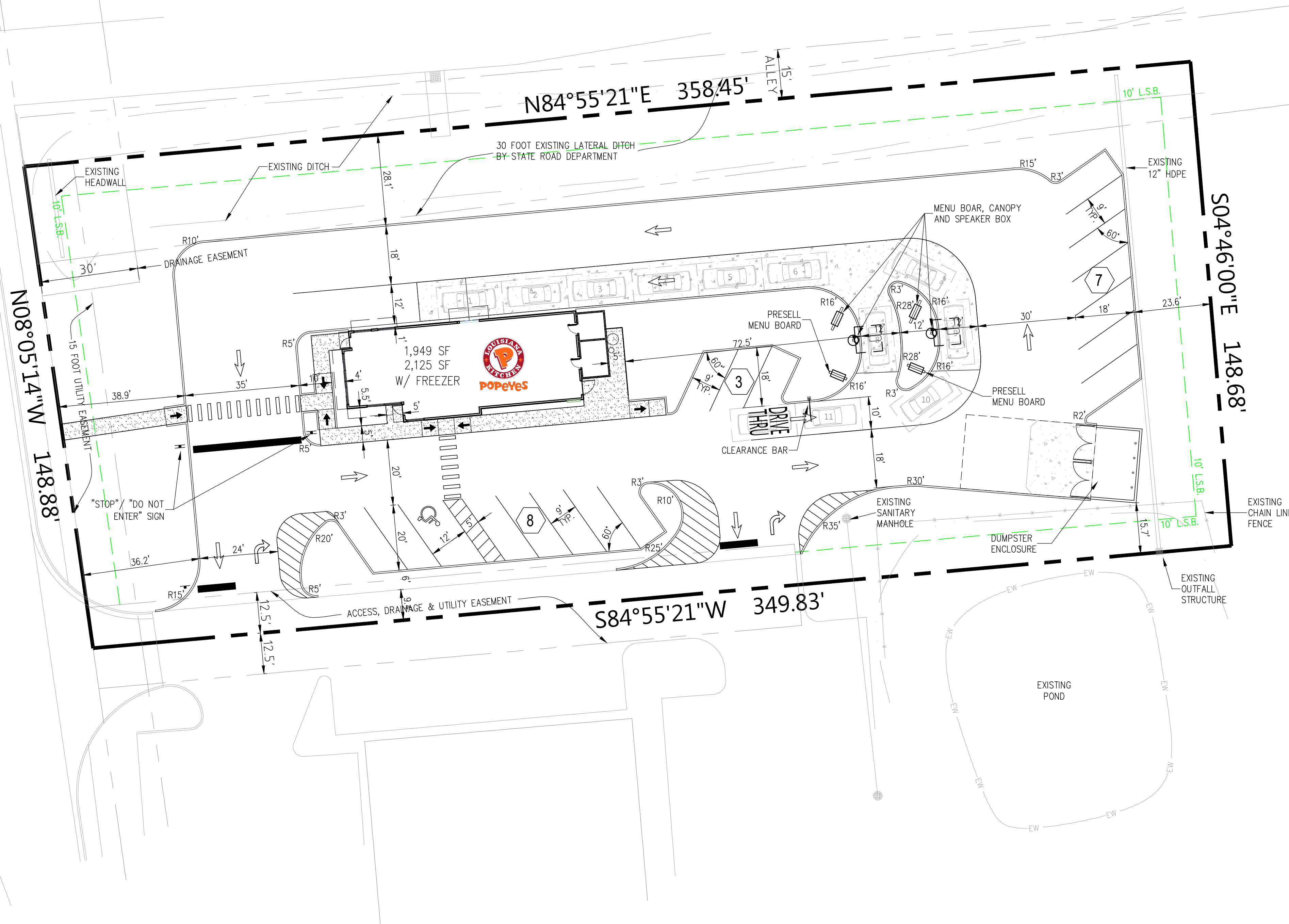
DEPARTMENT OF PLANNING & CONSERVATION

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

CONCEPTUAL SITE PLAN

S 8th ST

S.R. No. 200
A1A



SITE DATA

TOTAL SITE AREA: 52,657.34 SF / ±1.21 AC

JURISDICTION: CITY OF FERNANDINA BEACH

ZONING: C-2 (GENERAL COMMERCIAL)

BUILDING AREA: 1,949 SF (2,125 SF WITH COOLER/FREEZER)

REQUIRED PARKING: 1 SPACE PER 50 SF OF CUSTOMER SERVICE AREA
= 900 SF / 50
= 18 SPACES

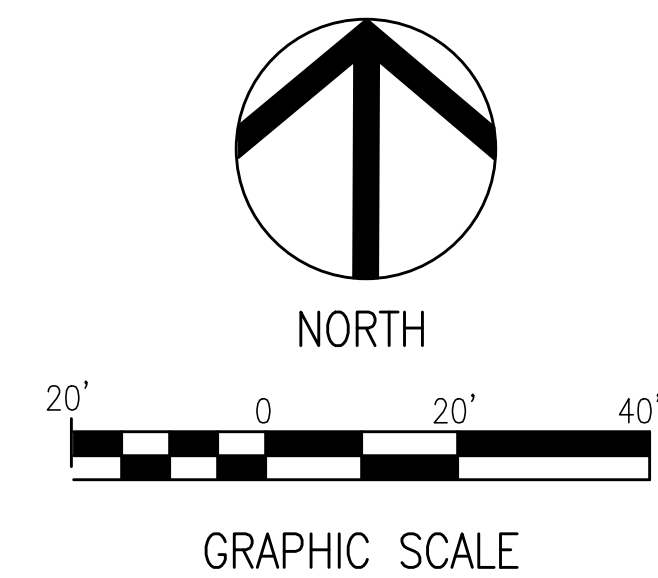
PARKING PROVIDED: 18 SPACES

LANDSCAPE BUFFERS:

FRONT (WEST, 8TH ST)	10 FT	36.2 FT MIN. (VARIES)
SIDE (NORTH)	10 FT	28.1 FT MIN. (VARIES)
SIDE (SOUTH)	10 FT	15.7 FT MIN. (VARIES)
REAR (EAST)	10 FT	23.6 FT MIN. (VARIES)

LEGEND

	PROPERTY LINE
	LANDSCAPE BUFFER (L.S.B.)



POPEYE'S RESTAURANT
1870 S 8th STREET
FERNANDINA BEACH, FL

DATE: 4-30-21
DRAWN: LH
CHECKED: RZ

CP2

PROJECT NO.: 2021.155

Z DEVELOPMENT
s e r v i c e s
CA 29354

708 E. COLONIAL DR., STE 100
ORLANDO, FL 32803
PH: (407) 271-8910
FAX: (407) 442-0604

REVISION	DATE	REVISION	DATE

PROPERTY INFORMATION:

- PID#: (LOTS 22-26) 00-00-31-1800-0001-0080
- LOCATION: FERNANDINA BEACH, FL
- FLOOD ZONE: AE-9
- ZONING: C-3
- FUTURE LAND USE: CENTRAL BUSINESS DISTRICT
- PROPOSED USE: SINGLE FAMILY RESIDENTIAL

LOTS:

- LENGTH: 100 FT
- WIDTH: 25 FT
- AREA: 2,500 SF

SETBACK REQUIREMENTS:

- FRONT: 0 FEET
- SIDES: 0 FEET
- REAR: 0 FEET

DEVELOPMENT REQUIREMENTS:

- MAXIMUM IMPERVIOUS AREA: 100.0%
- PROPOSED IMPERVIOUS AREA (PER LOT)
 - LOT 22: 2,115 SF = 84.6%
 - LOT 23: 2,056 SF = 82.2%
 - LOT 24: 2,110 SF = 84.4%
 - LOT 25: 1,958 SF = 78.3%
 - LOT 26: 2,121 SF = 84.8%

BUILDINGS:

- PROPOSED HOUSE: 2,840 SF
- BUILDING SHELL CONSTRUCTION: WOOD
- CONSTRUCTION TYPE: V
- MAXIMUM BUILDING HEIGHT: 45 FT
- PROPOSED BUILDING HEIGHT: 42 FT

UTILITIES:

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

LANDSCAPE BUFFER:

- NONE REQUIRED

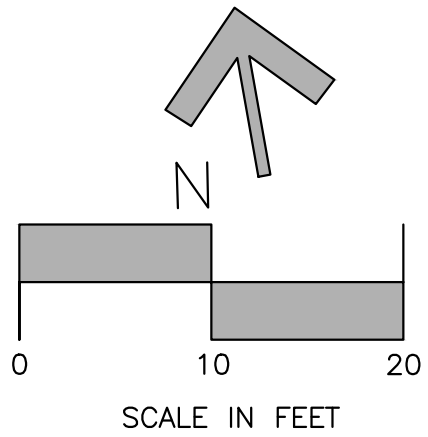
PIN: 00-00-31-1800-0001-0080
USE: STORAGE/OFFICE
ZONING: C-3
FLUM: CENTRAL BUSINESS DISTRICT

PIN: 00-00-31-1800-0001-0180
USE: RESTAURANT
ZONING: C-2
FLUM: GENERAL COMMERCIAL

PIN: 00-00-31-1800-0001-0310
USE: NIGHTCLUB
ZONING: C-3
FLUM: CENTRAL BUSINESS DISTRICT

PROPOSED UNDER DRAIN
GALLERY TO BE USED.
MODEL SC-160 STORMTECH,
FROM SHWT TO TOP OF
PAVEMENT IS ±3.83 FEET.
ESTIMATED SHWT AT ±4.5'

ISSUE FOR CONSTRUCTION IF APPROVED BY C.O.F.B.



NOTE: SOME DETAILS IN THESE DRAWINGS
ARE TO BE CONSIDERED TYPICAL AND
MAY NOT BE CALLED OUT ON PLANS.
CONTRACTOR SHALL BECOME FAMILIAR
WITH AND FOLLOW ALL DETAILS DURING
CONSTRUCTION IN ALL TYPICAL AREAS.

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

REV	DATE	ITEM	OWNER REVIEW
0	05/10/21		

GILLETTE & ASSOCIATES, INC.
CIVIL, ENVIRONMENTAL, MECHANICAL, & STRUCTURAL ENGINEERING
CERTIFICATE OF AUTHORIZATION NO. 9332
ASA R. GILLETTE, P.E. * FL PE NO. 56177
20 S. 4th STREET * FERNANDINA BEACH, FL 32034
PHONE: 904-261-8819 * www.gilletteassociates.com

ARTISAN NORTH 2ND
STREET TOWNHOMES
21 North 2nd Street
Fernandina Beach, Florida 32034

ISSUE DATE: 5/10/21

GEOMETRY
PLAN

North / Elev Key Sheet
GE-1
Page 2 of 4

LEGEND

- CONCRETE
- PAVERS

Print

**Technical Review Committee (TRC): Pre-Application Meeting Request -
Submission #7379**

Date Submitted: 5/20/2021

Technical Review Committee (TRC) Pre-Application Meeting Request

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Fees

None

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Application Requirements

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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 Appraiser's Website's Map Search](#)

Site Address*

21 North 2nd Street

City*

Fernandina Beach

State*

Florida

Zip*

32034

Parcel ID #(s)*

00-00-31-1800-0001-0080

Lot

8-16, 22-26

Block

1

Subdivision

Zoning District*

C-3

Future Land Use Designation*

Central Business District

Overlay District

Downtown Historic District

Size of Property (acres)*

0.9

Present Property Use*

warehouse

Wetlands*

No

Flood Zone*

AE

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

Artisan- 21

Project Type*

Residential

Project Description*

5 townhome and courtyard

Describe your project in detail

Proposed Access Road*

North 2nd 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*

Tricia

Applicant Last Name*

Bowen

Today's Date*

5/20/2021

Upload Supporting Documentation*

Artisan Nth 2nd Townhomes_5_20.pdf

Upload 2

Choose File No file selected

Upload 3

Choose File No file selected

Upload 4

Choose File No file selected

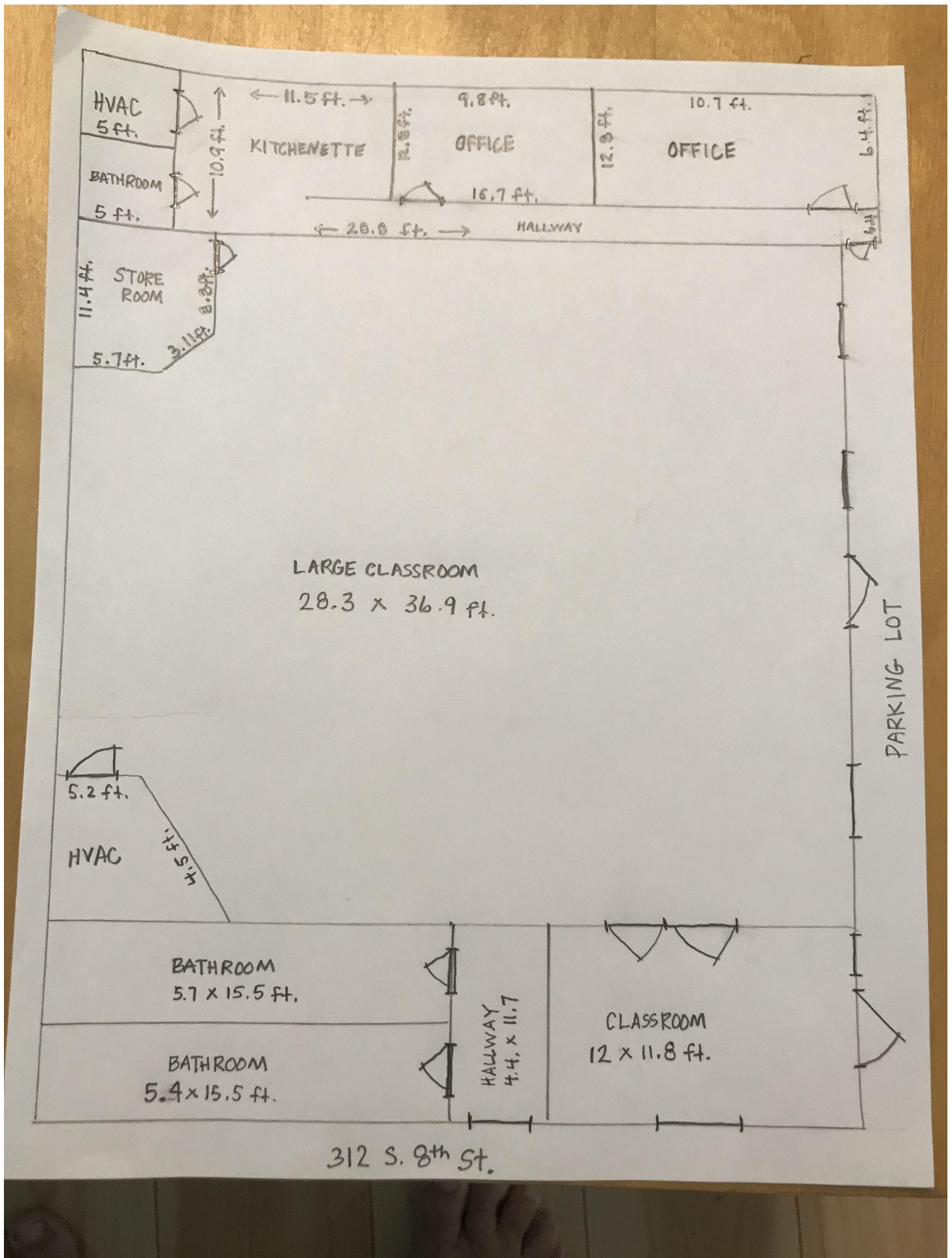
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DEPARTMENT OF PLANNING & CONSERVATION

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Print

**Technical Review Committee (TRC): Pre-Application Meeting Request -
Submission #7383**

Date Submitted: 5/20/2021

Technical Review Committee (TRC) Pre-Application Meeting Request

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Fees

None

IMPORTANT NOTES

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Application Requirements

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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 Appraiser's Website's Map Search](#)

Site Address*

312 S. 8th Street

City*

Fernandina Beach

State*

FL

Zip*

32034

Parcel ID #(s)*

00-00-31-1800-0129-0020

Lot

2

Block

129

Subdivision

n/a

Zoning District*

MU-8

Future Land Use Designation*

8th Street Mixed Use

Overlay District

None

Size of Property (acres)*

.24

Present Property Use*

AIR SEA AMERICA NATCO USA

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*

Kathleen

Last Name*

McClurg

Company (if applicable)

Rain Lily Montessori School

Telephone Number*

9044567538

E-mail Address*

mediumlife@hotmail.com

PROJECT INFORMATION

Project Name

Rain Lily Montessori

Project Type*

Commercial

Project Description*

Rain Lily Montessori School will be a small preschool for children ages 3-5. We will obtain licensing as a child care center through DCF. We would take the back four parking spaces of the parking lot to create our outdoor play space. We would use DCF approved rubber ground cover over the pavement to protect the children. We would also use sail tarps to provide shade.

Describe your project in detail

Proposed Access Road*

S. 8th 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*

Kathleen

Applicant Last Name*

McClurg

Today's Date*

5/20/2021

Upload Supporting Documentation*

312 S. 8th Floorplan.pdf

Upload 2

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Upload 3

Choose File No file selected

Upload 4

Choose File No file selected

Upload 5

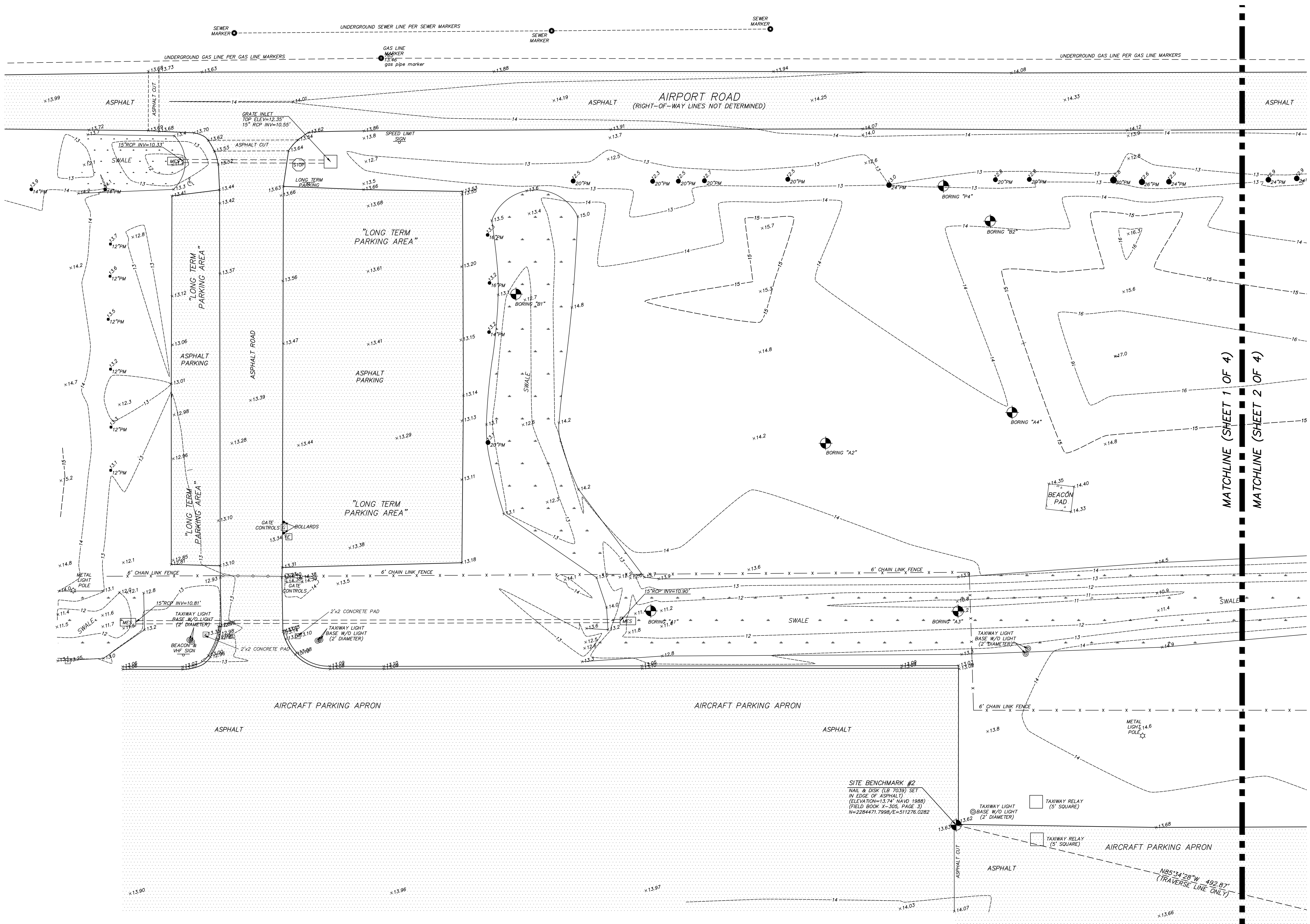
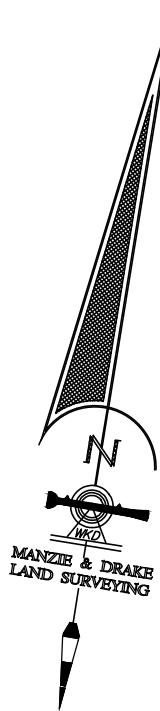
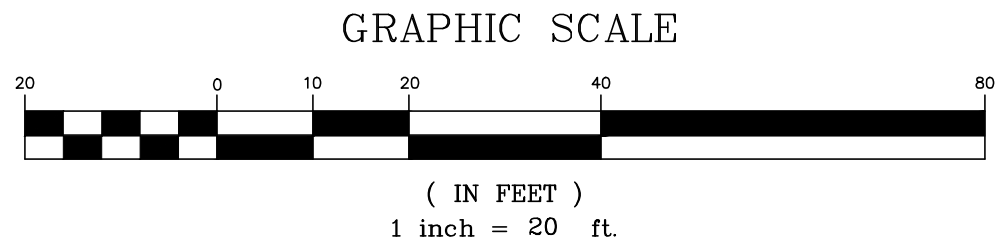
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DEPARTMENT OF PLANNING & CONSERVATION

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

MAP OF TOPOGRAPHIC SURVEY
FERNANDINA BEACH MUNICIPAL
AIRPORT WELCOME CENTER
FERNANDINA BEACH, NASSAU COUNTY, FLORIDA.
(THIS IS NOT A BOUNDARY SURVEY)



REVISIONS:

1. REVISED ON 10/25/2016 TO SHOW ADDITIONAL TOPOGRAPHIC INFORMATION IN LONG-TERM PARKING LOT AND TO SHOW GAS LINE & SEWER LINE INFORMATION PER IN-FIELD INDICATORS (WKO).
2. REVISED ON 07/30/2019 TO SHOW ADDITIONAL TOPOGRAPHIC INFORMATION IN THE AREA KNOWN AS "FIRE STATION 2" LOCATED ON A PORTION OF SHEETS 2 & 3 AND ALL OF SHEET 4. (WKO)

TREE LEGEND

O = OAK TREE
P = PINE TREE
PM = PALM TREE
CDR = CEDAR TREE
CHY = BLACK CHERRY TREE

TREE DISCLAIMER:

SPECIES OF TREES HAVE BEEN IDENTIFIED TO THE BEST OF OUR KNOWLEDGE AND BELIEF. HOWEVER, MANZIE & DRAKE LAND SURVEYING WILL ASSUME NO LIABILITY, EXPRESSED OR IMPLIED, FOR THE CORRECTNESS OF SAID SPECIES IDENTIFICATION.

TREES HAVE BEEN LOCATED AS ACCURATELY AS POSSIBLE UNDER CURRENT CONDITIONS AND HAVE A POSITIONAL TOLERANCE OF APPROXIMATELY 2 TO 3 FEET. CRITICAL TREES SHOULD BE VERIFIED PRIOR TO CONSTRUCTION.

LEGEND

CL = CHAIN LINK FENCE
CF = CONCRETE FLATWORK
CMP = CORRUGATED METAL PIPE
EM = ELECTRICITY METER
FH = FIRE HYDRANT
GC = GATE CONTROLS
LP = LIGHT POLE
N.A.V.D. = NORTH AMERICAN VERTICAL DATUM
M.E.S. = MITERED END SECTION
ROP = REINFORCED CONCRETE PIPE
ST = SEPTIC TANK
SC = SEWER CLEANOUT
SM = STORM MANHOLE
TP = TELEPHONE PEDESTAL
WM = WATER METER
WP = WOOD POWER POLE
WELL = WELL
EROP = ELLIPTICAL REINFORCED CONCRETE PIPE
HPS = HANDICAP PARKING SIGN

SURVEY NOTES:

- 1) This is not a boundary survey.
- 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) Project & coordinates shown hereon are based on The State Plane Coordinate System, East Zone, State of Florida, North American Datum of 1983. (NAD '83)
- 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) Site Benchmark is as shown hereon.
- 7) Elevations shown hereon refer to North American Vertical Datum of 1988. (N.A.V.D. '88)
- 8) The Reference Benchmark is published benchmark "Fernport AZ MK", (Elevation=12.00' NAVD 1988)
- 9) 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.

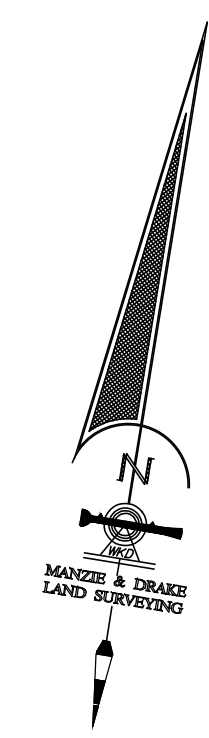
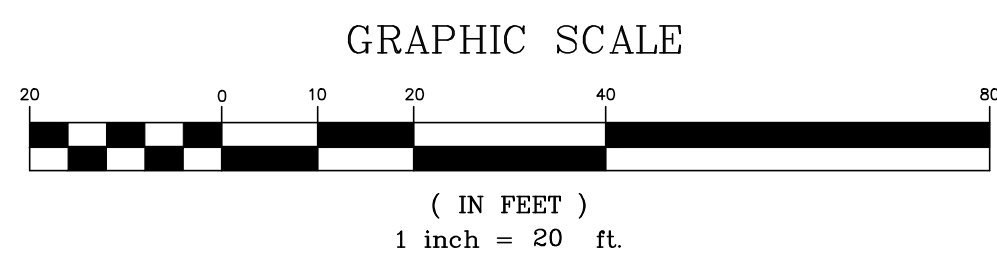
THE INFORMATION SHOWN HEREON MEETS THE STANDARDS OF PRACTICE SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

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."

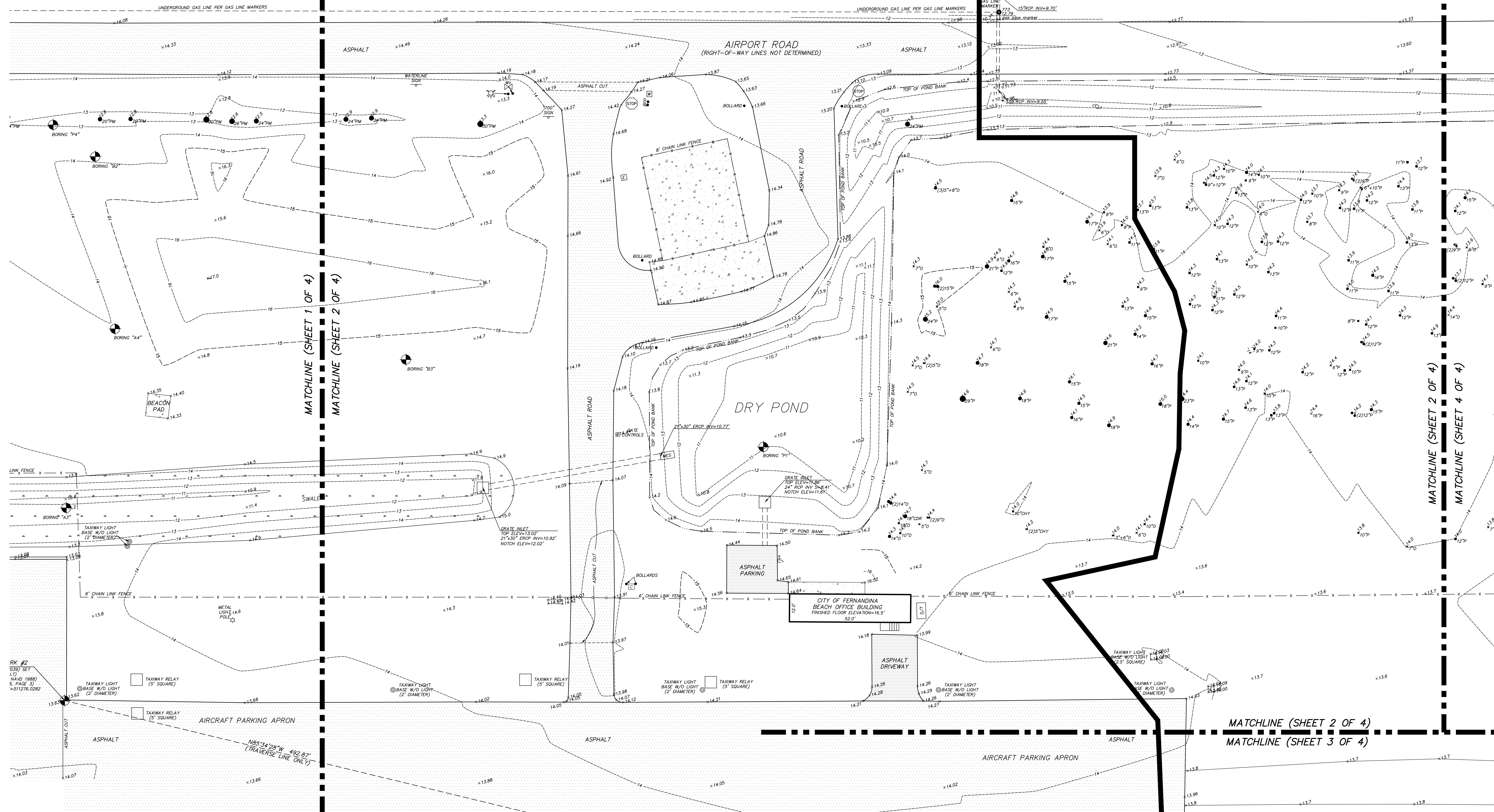
MICHAEL A. MANZIE, P.L.S. 4069

SCALE: 1"=20' JOB NO: 14050 DATE: 9/21/16 CADD: WKO
F.B. NO: X-305 PAGE NO: 3 FIELD CREW: BP FILE NO: C-760 SHEET 1 OF 4



MAP OF TOPOGRAPHIC SURVEY
FERNANDINA BEACH MUNICIPAL
AIRPORT WELCOME CENTER &
FIRE STATION 2

FERNANDINA BEACH, NASSAU COUNTY, FLORIDA.
(THIS IS NOT A BOUNDARY SURVEY)



- LEGEND**
- CHAIN LINK FENCE
 - CONCRETE FLATWORK
 - CORRUGATED METAL PIPE
 - ELECTRICITY METER
 - FIRE HYDRANT
 - GATE CONTROLS
 - LIGHT POLE
 - N.A.V.D. = NORTH AMERICAN VERTICAL DATUM
 - M.E.S. = METERED END SECTION
 - REINFORCED CONCRETE PIPE
 - S/T = SEPTIC TANK
 - SEWER CLEANOUT
 - STORM MANHOLE
 - TELEPHONE PEDESTAL
 - WATER METER
 - WOOD POWER POLE
 - WELL
 - ELLIPTICAL REINFORCED CONCRETE PIPE
 - HANDICAP PARKING SIGN

- TREE LEGEND**
- D = DAK TREE
 - L = LIME TREE
 - PM = PALM TREE
 - CDK = CEDAR TREE
 - CHY = BLACK CHERRY TREE
- TREE DISCLAIMER:**
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REVISIONS:

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SEE SHEET 1 OF 4

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"=20' JOB NO: 14050 DATE: 9/21/16 CADD: WKO
F.B. NO: X-305 PAGE NO: 3 FIELD CREW: BP FILE NO: C-760 SHEET 2 OF 4

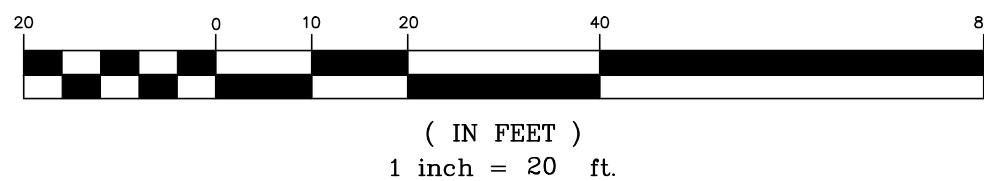
FERNANDINA BEACH, NASSAU COUNTY, FLORIDA.
(THIS IS NOT A BOUNDARY SURVEY)

AIRCRAFT PARKING APRON

TOP OF POND BANK

DRY POND

GRAPHIC SCALE



REVISIONS:

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2. REVISED ON 07/30/2019 TO SHOW ADDITIONAL TOPOGRAPHIC INFORMATION IN THE AREA KNOWN AS "FIRE STATION 2" LOCATED ON A PORTION OF SHEETS 2 & 3 AND ALL OF SHEET 4. (WKD)

THE INFORMATION SHOWN HEREON MEETS THE STANDARDS OF PRACTICE 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.

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"=20' JOB NO: 14050 DATE: 9/21/16 CADD: WKD
F.B. NO: X-305 PAGE NO: 3 FIELD CREW: BP FILE NO: C-760 SHEET 3 OF 4

LEGEND

- CHAIN LINK FENCE
 CONCRETE FLATWORK
 CORRUGATED METAL PIPE
 ELECTRICITY METER
 FIRE HYDRANT
 GATE CONTROLS
 LIGHT POLE
 NORTH AMERICAN VERTICAL DATUM
 M.E.S. = METERED END SECTION
 REINFORCED CONCRETE PIPE
 SEPTIC TANK
 SEWER CLEANOUT
 STORM MANHOLE
 TELEPHONE, PEDESTAL
 WATER METER
 WOOD POWER POLE
 WELL
 ELLIPTICAL REINFORCED CONCRETE PIPE
 HANDICAP PARKING SIGN

TREE LEGEND

- O = OAK TREE
P = PINE TREE
PM = PALM TREE
CDR = CEDAR TREE
CHY = BLACK CHERRY TREE

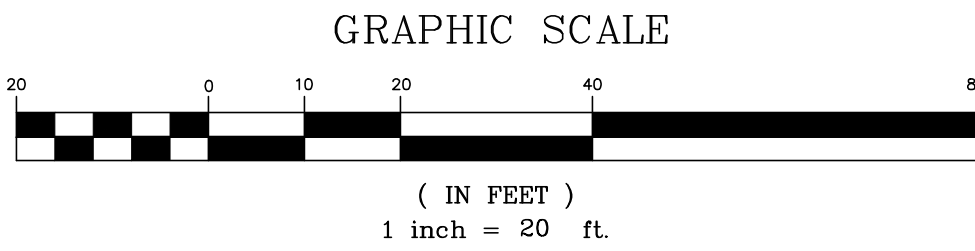
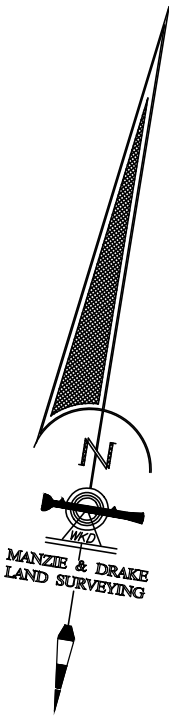
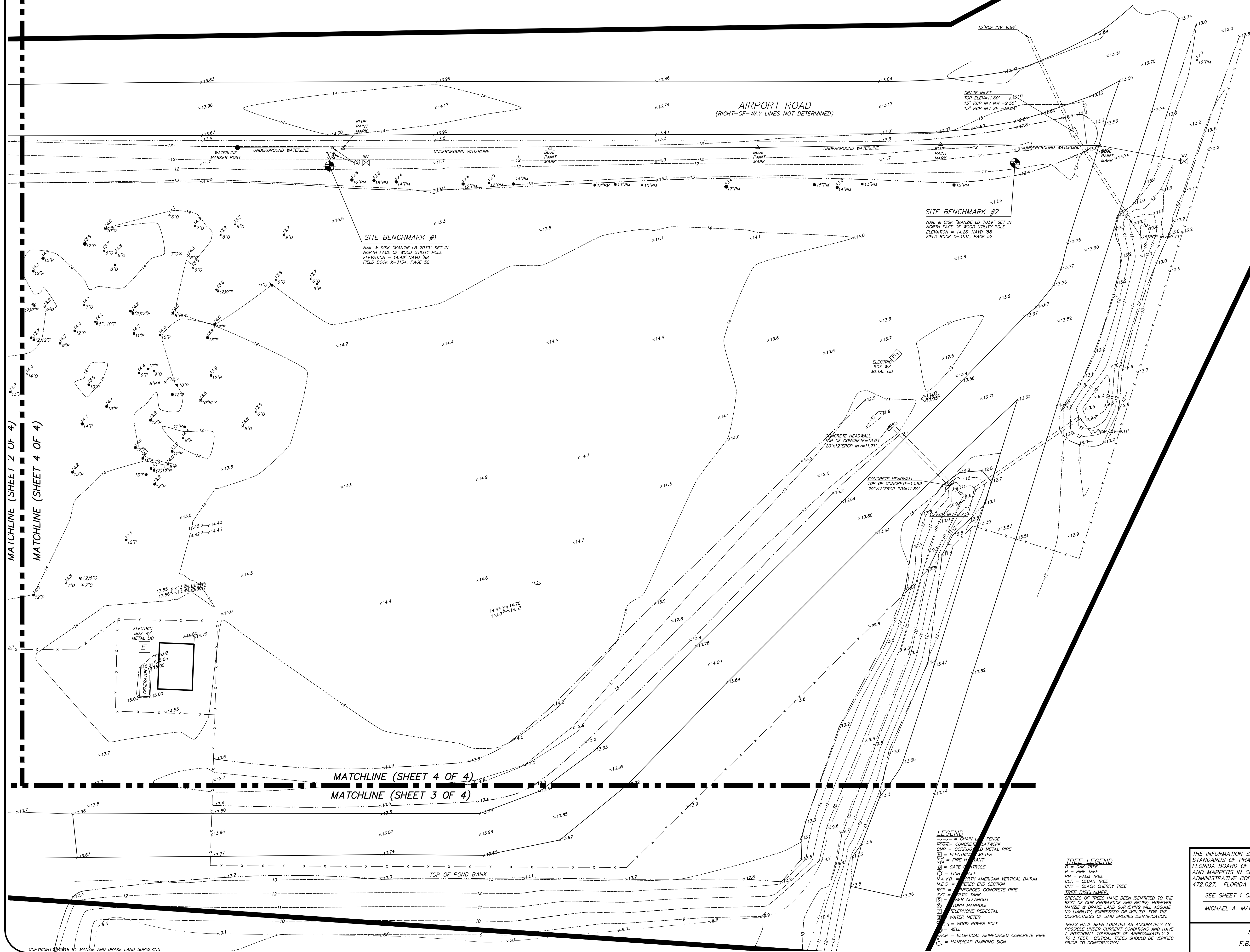
TREE DISCLAIMER:

SPECIES OF TREES HAVE BEEN IDENTIFIED TO THE BEST OF OUR KNOWLEDGE AND BELIEF; HOWEVER MANZIE & DRAKE LAND SURVEYING WILL ASSUME NO LIABILITY, EXPRESSED OR IMPLIED, FOR THE CORRECTNESS OF SAID SPECIES IDENTIFICATION.

TREES HAVE BEEN LOCATED AS ACCURATELY AS POSSIBLE UNDER CURRENT CONDITIONS AND HAVE A POSITIONAL TOLERANCE OF APPROXIMATELY 2 TO 3 FEET. CRITICAL TREES SHOULD BE VERIFIED PRIOR TO CONSTRUCTION.

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MAP OF TOPOGRAPHIC SURVEY
FERNANDINA BEACH MUNICIPAL
AIRPORT FIRE STATION 2
FERNANDINA BEACH, NASSAU COUNTY, FLORIDA.
(THIS IS NOT A BOUNDARY SURVEY)



- LEGEND**
- CHAIN LINK FENCE
 - CONCRETE LOTWORK
 - CMP = CORRUGATED METAL PIPE
 - = ELECTRIC METER
 - ⊕ = FIRE HYDRANT
 - = GATE HYDROLIS
 - = LIGHT POLE
 - N.A.V.D. = NORTH AMERICAN VERTICAL DATUM
 - M.E.S. = FIRM END SECTION
 - ROP = REINFORCED CONCRETE PIPE
 - S/T = SEPTIC TANK
 - = FIRM MANHOLE
 - = TELEPHONE PEDESTAL
 - = WATER METER
 - = WOOD POWER POLE
 - = WELL
 - ROP = ELLIPTICAL REINFORCED CONCRETE PIPE
 - = HANDICAP PARKING SIGN

TREE LEGEND

- = OAK TREE
- P = PINE TREE
- PM = PALM TREE
- CD = CEDAR TREE
- CH = BLACK CHERRY TREE

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SEE SHEET 1 OF 4
MICHAEL A. MANZIE, P.L.S. 4069

SCALE: 1"=20' JOB NO: 14050 DATE: 9/21/16 CADD: WKO
F.B. NO: X-305 PAGE NO: 3 FIELD CREW: BP FILE NO: C-760 SHEET 4 OF 4

Print

Technical Review Committee: Application - Submission #7382

Date Submitted: 5/20/2021

Technical Review Committee: Application

USE THIS FORM TO To apply for review of site plans, preliminary subdivision plats, final subdivision plats, minor subdivisions, and amendments to previously issued local development orders, change of use, and nonresidential building expansions.

Fees

- ☒ Initial submittal + two submittals of full site plans. \$400 + 2% of the project construction cost (whichever is greater) for up to a maximum of \$5,500.
- ☐ 3rd and subsequent resubmittals. \$400
- ☐ Change of Use Determination Letter \$50
- ☐ Engineering Review (Consultant Hourly Rate) \$125

TRC_2021 Meeting Calendar



December 2020 meeting dates are: December 10, 2020 & December 17, 2020

IMPORTANT NOTES

This application will be routed to the various departments for review of the applicable codes and design standards.

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



Requirements for All Site Plans â€” see LDC section 11.01.04



Requirements for Subdivision Plats â€” see LDC section 11.01.05



Determination for Completeness & sufficiency â€” see LDC section 11.03.01



Review and Compliance Report by the Technical Review Committee â€” see LDC Section 11.03.02



Construction and Improvements â€” see LDC section 11.05.00



Amendments to Local Development Orders â€” see LDC section 11.06.00

The LDC is available for review at

www.fbfl.us/LDC

Application Requirements



See Development Plan Submittal Checklist



All applications are subject to a determination of completeness as required by Land Development Code section 11.03.01.



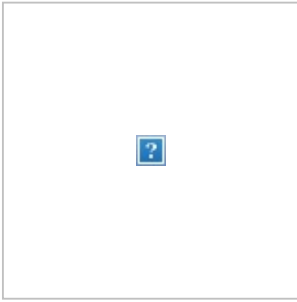
A determination of completeness is a determination that all required documents and plans have been submitted, and whether all fees have been paid.



A determination of completeness is not a determination of compliance with substantive standards and criteria.

Key Contacts

TRC will guide your application from start to finish, engaging other City departments as needed.



PROPERTY INFORMATION

[Property information can be found at the Nassau County Property Appraiser's Website's Map Search](#)

Site Address*

600 Airport Road

City*

Fernandina Beach

State*

Florida

Zip*

32034

Parcel ID #(s)

06-2N-28-0000-0001-0000

Lot

NA

Block

NA

Subdivision

NA

Zoning District

IA

Future Land Use Designation*

Industrial

Overlay District*

Airport

Size of Property (acres)*

2.01

Present Property Use*

Vacant Airport Land

Wetlands*

No

Flood Zone*

X, area of minimal flood

Coastal Construction Control Line (CCCL)*

No

OWNER OF RECORD

As recorded with the Nassau County Property Appraiser

First Name*

City of Fernandina Beach

Last Name*

NA

Company (if applicable)

NA

Mailing Address*

204 Ash Street

City*

Fernandina Beach

State*

Florida

Zip*

32034

Telephone Number*

(904)277-7300

Email Address*

info@fbfl.org

OWNER'S AGENT

If other than owner. If an agent will be representing the owner, an Owner's Authorization For Agent Representation form must be included

First Name

Christopher

Last Name

Nardone

Company (if applicable)

Passero Associates

Mailing Address

4730 Casa Cola Way, Suite 200

City

St. Augustine

State

Florida

Zip

32095

Telephone Number

(904)624-4211

Email Address

cnardone@passero.com

PROJECT INFORMATION

Project Type*

Site Plan Review

Project Name

Fire Station No.2

Proposed Access Road*

Airport Road

Rd Maintenance Jurisdiction*

City Maintained

Project Estimated Cost*

3,000,000.00

Description of Request*

New combination Fire Station and ARFF at Fernandina Beach Airport. Building to consist of PEMB apparatus area with 4 bays and support spaces attached to a concrete block and plank support building with Meeting Room, Offices, Kitchen, Fitness Room, Dayroom, Bunk Rooms and Bathrooms. Exterior of building to generally consist of a combination of PEMB, masonry walls and mansard roof with metal framing and metal roofing. Site area took into consideration the preservation of a majority of existing trees while providing a landscape plan with minimal new trees and landscaping since the site is adjacent to the end of Runway 4-22. The site area is designed to contain stormwater on site.

Site Plan Review Checklist

☒

The names, address, telephone number, fax number, and email address of the person preparing the plan.

☒

The date of preparation and date(s) of any modifications, a north arrow, and a written and graphic scale.

☒

The legal description of the property, consistent with the required survey.

☒

A vicinity map showing the location of the property.

☒

The location of streams, bodies of water, natural features, roads, rights-of-way, street intersections, and paved areas within the boundaries of the property.

☒

The location of streams, bodies of water, dunes and dune systems, and other natural features within 250 feet of the boundaries of the property.

☐

The location of the mean high-water line, if such line is within the boundaries of the property.

☒

A topographic survey, soils report, grading plan, and an erosion control plan.

☐

A general floodplain map indicating areas subject to inundation and high groundwater levels up to a 100-year flood classification.

☐

A statement indicating the distances to schools and public safety facilities intended to serve the proposed development.

☒

The name, plat book, and page number of any recorded subdivision comprising all or part of the site.

☒

The location and use of any existing and proposed principal or accessory buildings and structures, showing proposed setbacks, building heights, and other dimensional requirements of the zoning distr

☒

Elevations of all proposed structures.

☒

The access points, driveway design, on-site parking, including required parking lot landscaping, internal circulation, sidewalks, and bicycle facilities

☒

The location of existing and proposed utilities, utility services, and easements.



A tree survey showing protected trees, proposed replacement trees, if required, and landscaping and buffering. (See Section 4.05.00.)



A soil erosion and sediment control plan compliant with Section 3.01.04.



For a PUD site plan, a detailed, written list and explanation of how the proposed PUD differs from any provision of this LDC applicable to the underlying zoning district.



For site plans and PUD site plans where development is proposed in phases, the plans shall include phase lines and the following supporting information:



- o Timeline for the development; and



- o Benchmarks for monitoring the progress of construction of each phase regarding land clearing, soil stabilization and erosion control, installation of infrastructure, and installation of landscaping.



A summary block containing:



- o Land use category from the Future Land Use Map in the comprehensive plan;



- o Zoning district;



- o Total acreage;



- o Total square footage for non-residential uses;



- o Total density and number of units, proposed and permissible for residential uses;



- o Impervious surface ratio calculation, proposed and permissible;



- o Floor area ratio calculation, proposed and permissible;



- o Total number of parking spaces, required and provided; and



- o Number of trees required to be protected, number of trees remaining on the site, and number of trees to be planted.



Additional plans, documents, or reports that are necessary to support the application shall be submitted. Such plans, documents, or reports may include, but are not limited to:



- o Subdivision Plats (subdivision plats shall contain the information set forth in Section 11.01.05.)



- o Concurrency analysis (concurrency analysis reports shall contain the information set forth in Section 7.04.00.)



- o Traffic analysis reports (requirements for traffic analysis reports are set forth in Section 11.01.06.)



- o Parking studies (requirements for parking studies are set forth in Section 7.01.04.)



- o Stormwater management plans (requirements for stormwater management plans are set forth in Section 7.03.00.)



- o Environmental Impact Study (requirements for environmental impact studies are set forth by regional, State, and

federal agencies with jurisdiction and in Chapter 3 of the LDC.)

- ☒ o Tree Protection Plan (Section 4.05.09.)
- ☒ o Landscape Plan (Section 4.05.00.)
- ☐ o Lighting Plan (Section 3.05.00.), Section 7.01.04.B)
- ☐ o Signage Plan (Section 5.03.00.)
- ☒ o Proof of Ownership " provide a legal description, Property Identification Number (PIN) and a copy of the warranty deed.
- ☐ Concurrency analysis reports shall contain the information set forth in Section 7.04.00. Requirements for traffic analysis reports are set forth in Section 11.01.06. Requirements for parking studies
- ☒ Any development application for development proposed within the Airport Overlay Zone established for the Fernandina Beach Municipal Airport shall provide confirmation of notification to the FAA as r

School Concurrency

New residential development is required to demonstrate compliance with school concurrency as regulated in the City of Fernandina Beach through the City of Fernandina Beach's Comprehensive Plan Intergovernmental Coordination Element and the Interlocal Agreement Amendment for Public School Facility Planning adopted by the City on May 21, 2019. No new residential rezoning, preliminary plat, site plan or functional equivalent may be approved by the City unless the residential development is exempt from requirements outlined in Section 9.13 of the Amended Interlocal Agreement OR a School Concurrency Reservation Letter has been issued by the School Board indicating that adequate school facilities exist.

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*

Christopher

Applicant Last Name*

Nardone

Today's Date*

5/20/2021

Upload Supporting Documentation*

2021-05-20 - TRC Set - Fernandina Fire Station.pdf

Upload 2

14050-FIRE STATION 2.pdf

Upload 3

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DEPARTMENT OF PLANNING & CONSERVATION

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

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- C-102

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- C-103

CONSTRUCTION SAFETY & PHASING PLAN
- C-201

EXISTING CONDITIONS & DEMOLITION PLAN
- C-202

SITE PLAN
- C-301

UTILITY PLAN
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UTILITY DETAILS
- C-401

GRADING & EROSION CONTROL PLAN
- C-402 THRU C-403

DRAINAGE DETAILS
- C-501 THRU C-502

GATE DETAILS
- C-503

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- C-504 THRU C-505

PAVEMENT DETAILS
- C-506

SIGNAGE DETAILS
- L-001

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- L-002

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- L-003

LANDSCAPE & IRRIGATION NOTES
- L-004

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- C-601 THRU C-604

STORMWATER POLLUTION PREVENTION PLAN
- A-200 THRU A-201

FIRE STATION NO. 2 EXTERIOR ELEVATIONS
- A-701

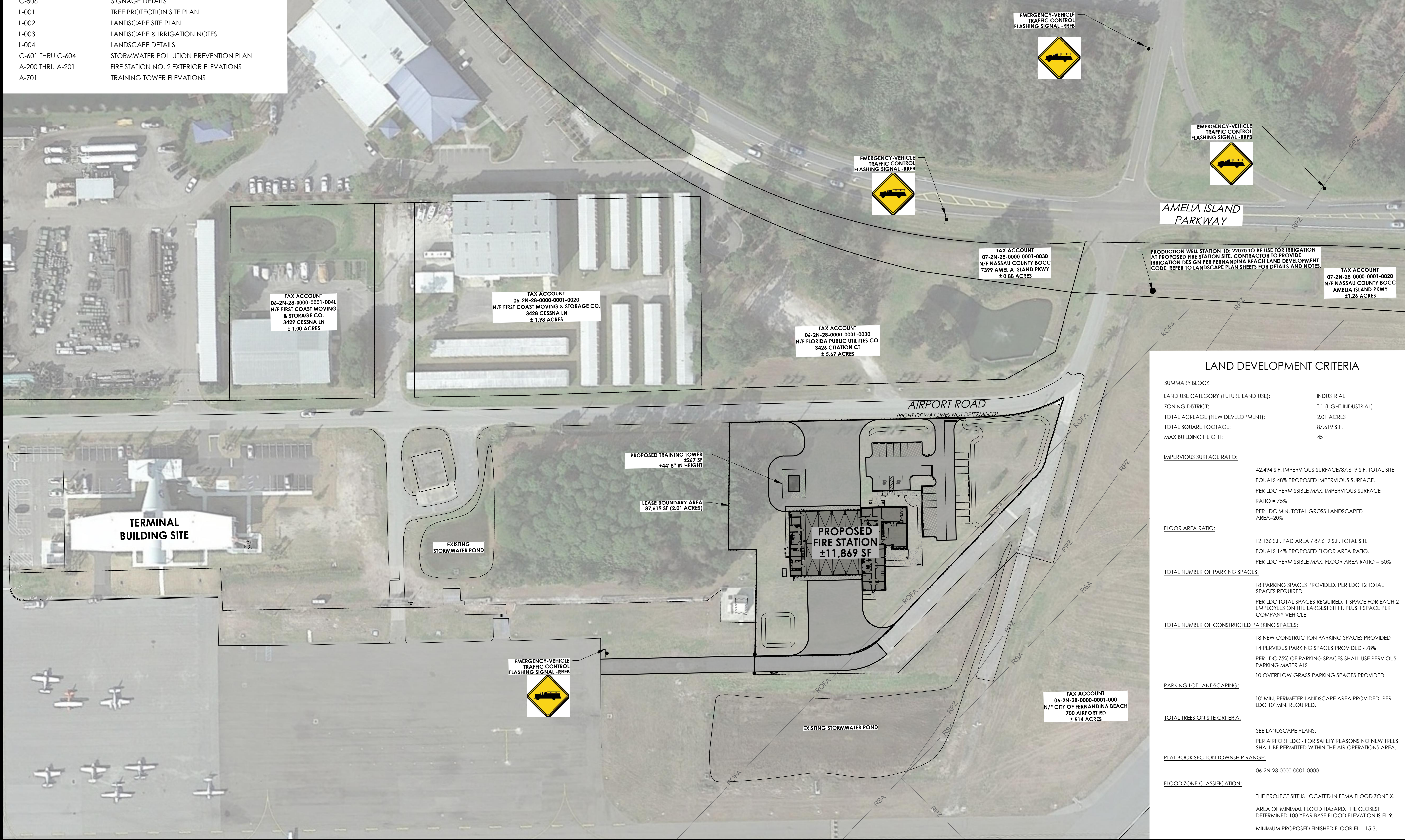
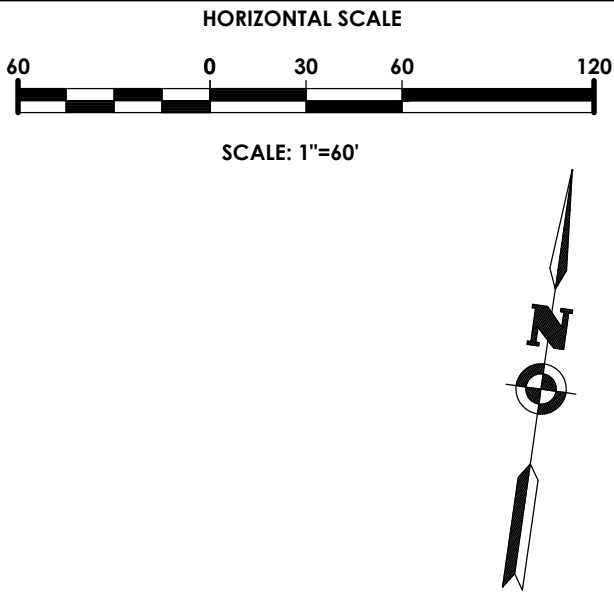
TRAINING TOWER ELEVATIONS

SITE DEVELOPMENT PLANS FOR

AIRPORT ROAD FIRE HOUSE

CITY OF FERNANDINA BEACH, NASSAU COUNTY, FLORIDA

P.N. 99000047.0086



LAND DEVELOPMENT CRITERIA

SUMMARY BLOCK

LAND USE CATEGORY (FUTURE LAND USE):	INDUSTRIAL
ZONING DISTRICT:	I-1 (LIGHT INDUSTRIAL)
TOTAL ACREAGE (NEW DEVELOPMENT):	2.01 ACRES
TOTAL SQUARE FOOTAGE:	87,619 S.F.
MAX BUILDING HEIGHT:	45 FT

IMPERVIOUS SURFACE RATIO:

42,494 S.F. IMPERVIOUS SURFACE/ 87,619 S.F. TOTAL SITE
EQUALS 48% PROPOSED IMPERVIOUS SURFACE.
PER LDC PERMISSIBLE MAX. IMPERVIOUS SURFACE
RATIO = 75%
PER LDC MIN. TOTAL GROSS LANDSCAPED
AREA=20%

FLOOR AREA RATIO:

12,136 S.F. PAD AREA / 87,619 S.F. TOTAL SITE
EQUALS 14% PROPOSED FLOOR AREA RATIO.
PER LDC PERMISSIBLE MAX. FLOOR AREA RATIO = 50%

TOTAL NUMBER OF PARKING SPACES:

18 PARKING SPACES PROVIDED. PER LDC 12 TOTAL
SPACES REQUIRED
PER LDC TOTAL SPACES REQUIRED: 1 SPACE FOR EACH 2
EMPLOYEES ON THE LARGEST SHIFT, PLUS 1 SPACE PER
COMPANY VEHICLE

TOTAL NUMBER OF CONSTRUCTED PARKING SPACES:

18 NEW CONSTRUCTION PARKING SPACES PROVIDED
14 PERVIOUS PARKING SPACES PROVIDED - 78%
PER LDC 75% OF PARKING SPACES SHALL USE PERVIOUS
PARKING MATERIALS
10 OVERFLOW GRASS PARKING SPACES PROVIDED

PARKING LOT LANDSCAPING:

10' MIN. PERIMETER LANDSCAPE AREA PROVIDED. PER
LDC 10' MIN. REQUIRED.

TOTAL TREES ON SITE CRITERIA:

SEE LANDSCAPE PLANS.
PER AIRPORT LDC - FOR SAFETY REASONS NO NEW TREES
SHALL BE PERMITTED WITHIN THE AIR OPERATIONS AREA.

PLAT BOOK SECTION TOWNSHIP RANGE:

06-2N-28-0000-0001-0000

FLOOD ZONE CLASSIFICATION:

THE PROJECT SITE IS LOCATED IN FEMA FLOOD ZONE X.
AREA OF MINIMAL FLOOD HAZARD. THE CLOSEST
DETERMINED 100 YEAR BASE FLOOD ELEVATION IS EL 9.
MINIMUM PROPOSED FINISHED FLOOR EL = 15.3.



TRC SET

Stamp:



Client:

CITY OF FERNANDINA
BEACH



204 Ash Street
Fernandina Beach, FL 32034

Passero Associates

4730 Casa Cola Way, Suite 200
St. Augustine, FL (904) 757-6106
Principal in Charge: Bradley Wentz, PE
Project Manager: Christopher Nardone, AIA
Designed by: Pamela Torres

No.	Date	By	Description

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FLORIDA ADMINISTRATIVE CODE 61S15-27.001 AND FLORIDA
STATUTES 471.033(1). THESE PLANS ARE COPYRIGHT
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LAND DEVELOPMENT
CRITERIA

600 AIRPORT ROAD

FERNANDINA FIRE STATION
NO.2

Town/City: Fernandina Beach
County: Nassau State: Florida

Project No.:

99000047.0086

Drawing No.:

C-101

Date:

May 20 2021

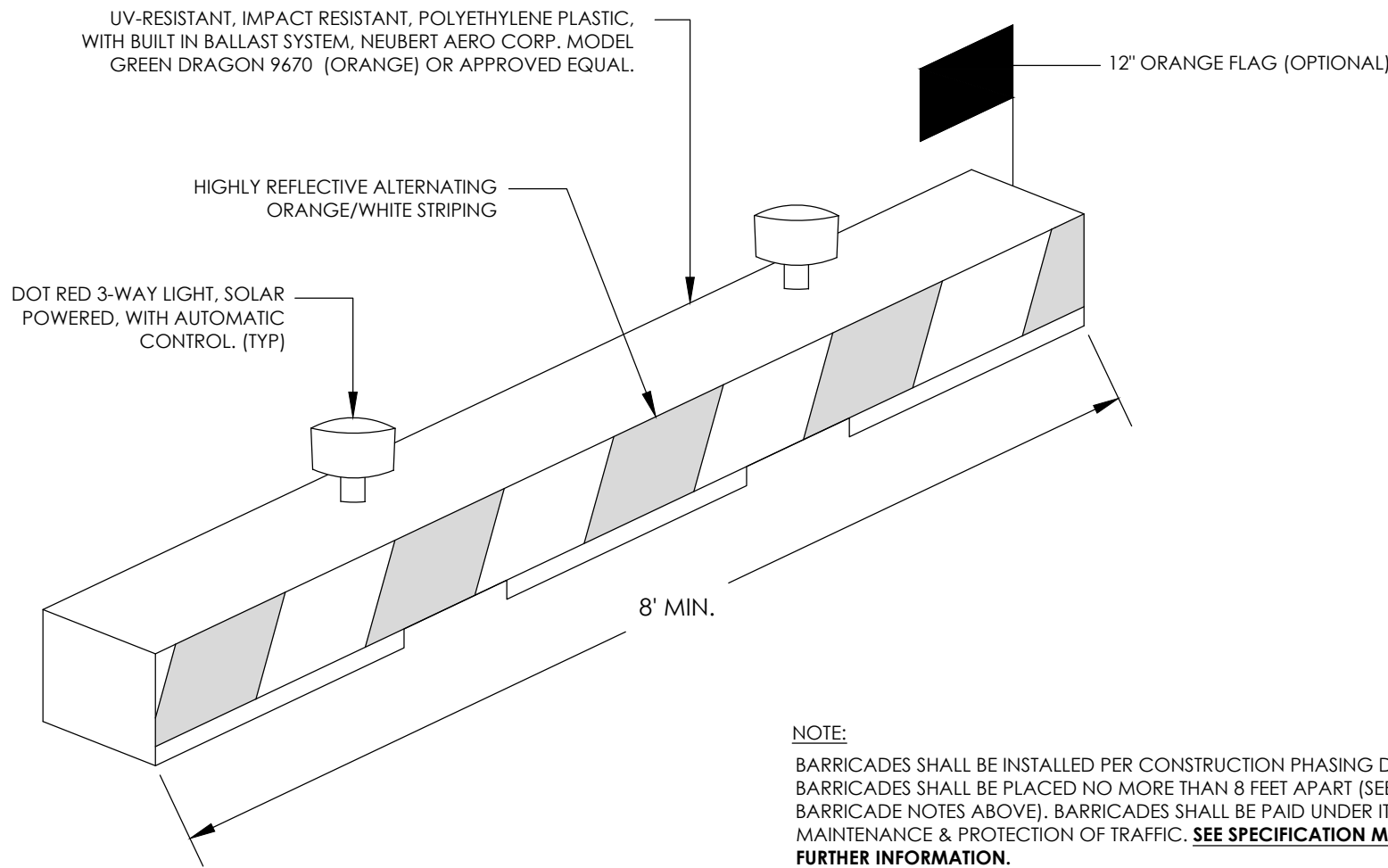
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GENERAL NOTES

1. UNDERGROUND UTILITY LAYOUT INFORMATION WAS COMPILED FROM AS-BUILT INFORMATION AND EXISTING RECORD PLANS AND IS OFFERED SOLELY FOR THE PURPOSE OF PROVIDING THE CONTRACTOR WITH DATA AVAILABLE TO THE ENGINEER. THE ACTUAL LOCATIONS IN THE FIELD MAY BE DIFFERENT FROM THAT SHOWN. THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL UTILITIES AND AIRPORT CABLES IN FIELD PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL EXISTING UTILITIES (SEE SUNSHINE STATE ONE CALL OF FLORIDA NOTE BELOW). IN THE EVENT OF DAMAGE TO EXISTING ELECTRICAL CABLES AND UTILITIES, THE ENGINEER AND AIRPORT OWNER ARE TO BE NOTIFIED IMMEDIATELY AND THE CONTRACTOR SHALL REPAIR THE DAMAGE, AS DIRECTED BY THE ENGINEER, IMMEDIATELY AND AT THE CONTRACTOR'S EXPENSE. ALL DAMAGED CABLES, WILL BE REPLACED TO THE NEAREST LIGHTING FIXTURES. NO FIELD SPLICES WILL BE PERMITTED.
3. PROPERTY LINES, RIGHT-OF-WAY LINES, AND OWNER NAMES SHOWN ON THE PLANS ARE TAKEN FROM RECORD MAPS.
4. CONTRACTOR'S ACCESS TO THE AIRPORT SHALL BE LIMITED TO THE ACCESS ROADS SHOWN ON THIS PLAN. THE CONTRACTOR, UPON COMPLETION OF THIS CONTRACT, SHALL REPAIR ANY DAMAGE TO ACCESS ROADS, GATES OR FENCES. ALL EXISTING PAVEMENTS AND DISTURBED GROUND SHALL BE RESTORED TO EXISTING CONDITION OR BETTER AT NO COST TO THE OWNER. ONLY ACTIVE AIRCRAFT PAVEMENTS MARKED ON THIS PLAN MAY BE USED FOR CONTRACTOR ACCESS. CONTRACTOR SHALL MINIMIZE PAVEMENT CROSSINGS AND SHALL CLEAN AND SWEEP ACTIVE AIRCRAFT PAVEMENT AS OFTEN AS NECESSARY, AS ORDERED BY OWNER / ENGINEER, TO KEEP PAVEMENT FREE OF DEBRIS. UTILIZED VEHICLE ROADS SHALL BE SWEEPED AT THE END OF EACH WORKING DAY.
5. ALL AREAS DISTURBED SHALL BE FINE GRADED, TOPSOILED, AND SEEDED AND MULCHED. FINE GRADING SHALL BE SHAPED TO ALLOW SURFACE DRAINAGE AND CONFORM TO SMOOTH TRANSITIONS WITH SURROUNDING GRADE.
6. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS NECESSARY FOR THE PROJECT AND FOR ACCESS TO THE SITE. COST FOR PERMITS IS TO BE PAID FOR UNDER THE MOBILIZATION PAY ITEM.
7. ALL COSTS ASSOCIATED WITH MAINTENANCE OF HAUL ROADS, ACCESS ROADS, RESTORATION OF SURFACES DISTURBED AND ALL BARRICADES AND TEMPORARY AIRPORT MARKINGS SHALL BE INCLUDED IN ITEM M-100 MAINTENANCE & PROTECTION OF TRAFFIC.
8. THE CONTRACTOR'S SPECIAL ATTENTION IS DIRECTED TO AC 150/5370-2, OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION, AND THE CONTRACT SPECIAL PROVISIONS SECTION 80, AS THEY RELATE TO SAFETY REQUIREMENTS AND AFFECT SEQUENCING OF WORK.
9. ANY IRON PINS, CONCRETE MONUMENTS, SURVEY MONUMENTS, OR OTHER ITEMS DEFINING PROPERTY LINES OR BASELINES WHICH ARE DISTURBED SHALL BE PROPERLY TIED AND ACCURATELY RESET UPON COMPLETION OF WORK BY THE CONTRACTOR AT NO COST TO THE OWNER.
10. ELEVATIONS ARE BASED ON U.S.C. & G.S. DATUM. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING THESE SITE BENCH MARKS OR MOVING THEM IF THEY ARE IN THE LINE OF CONSTRUCTION.
11. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY CONDITIONS THAT VARY FROM THOSE SHOWN ON THE PLANS. THE CONTRACTOR'S WORK SHALL NOT VARY FROM THE PLANS WITHOUT THE EXPRESSED WRITTEN APPROVAL OF THE ENGINEER.
12. SITE DRAINAGE SHALL BE MAINTAINED THROUGHOUT THE PERIOD OF CONSTRUCTION.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFELY MAINTAINING THE CONSTRUCTION SITE THROUGHOUT THE PERIOD OF CONSTRUCTION.
14. THE CONTRACTOR SHALL NOT LEAVE CONSTRUCTION EQUIPMENT RUNNING OR UNATTENDED.
15. THE CONTRACTOR SHALL KEEP EQUIPMENT NOT NECESSARY FOR THEIR OPERATIONS OUT OF THE EXISTING TERMINAL AND AIR OPERATIONS AREA.
16. ALL WORK IS INCLUDED UNDER BASE BID UNLESS SPECIFICALLY LABELED OTHERWISE.
17. GATES WITH LOCKS WILL BE MAINTAINED AT CONTRACTOR ACCESS ROUTES. NO ACCESS WILL BE PERMITTED BY ANYONE OTHER THAN AIRPORT EMPLOYEES, CONTRACTOR'S EMPLOYEES AND EQUIPMENT INCLUDING DELIVERIES, AND THE RESIDENT ENGINEER. NO OPEN GATES WILL BE LEFT UNATTENDED.
18. THE CONTRACTOR IS INSTRUCTED TO COOPERATE WITH ANY AND ALL OTHER CONTRACTORS PERFORMING WORK ON THIS JOB SITE DURING THE PERFORMANCE OF THIS CONTRACT.
19. ALL WORK SHALL BE DONE IN STRICT COMPLIANCE WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES, STANDARDS, ORDINANCES, RULES, AND REGULATIONS.
20. THE ENGINEER RESERVES THE RIGHT TO EXAMINE ANY WORK DONE ON THIS PROJECT AT ANY TIME TO DETERMINE CONFORMANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS OF THIS PROJECT, AS INTENDED AND INTERPRETED BY THE ENGINEER.
21. **EROSION CONTROL:** PROVIDE AND MAINTAIN EROSION CONTROL MEASURES IN CONFORMANCE WITH FEDERAL, STATE, AND LOCAL REQUIREMENTS. MAINTAIN CONTROL MEASURES UNTIL PAVING IS COMPLETE AND LAWN AREAS ARE FULLY DEVELOPED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF SEDIMENT LADEN RUNOFF RESULTING FROM STORM EVENTS DURING CONSTRUCTION OF THIS PROJECT. SILT FENCING AND OTHER EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED BY THE CONTRACTOR PRIOR TO AND THROUGHOUT CONSTRUCTION PERIOD SO AS TO PREVENT THE TRANSPORT OF SEDIMENT ONTO ADJACENT PROPERTY, WETLAND JURISDICTIONAL AREAS AND SURFACE WATERS. STABILIZATION AND RE-VEGETATION OF ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE ACCOMPLISHED AS SOON AS POSSIBLE FOLLOWING THE PROCESS OF DISTURBANCE TO REDUCE THE POTENTIAL FOR FURTHER SOIL EROSION AND SEDIMENTATION OF LOWER LYING AND DOWNSTREAM AREAS.
22. THE CONTRACTOR SHALL:
- A. VERIFY ALL CONDITIONS IN THE FIELD PRIOR TO COMMENCEMENT OF WORK AND NOTIFY THE ENGINEER, IN WRITING, OF ANY DISCREPANCIES.
- B. EXAMINE THE SITE AND INCLUDE IN HIS WORK THE EFFECT OF ALL EXISTING CONDITIONS ON THE WORK.
- C. PROVIDE AND INSTALL ALL MATERIALS AND PERFORM ALL WORK IN ACCORDANCE WITH RECOGNIZED GOOD STANDARD PRACTICE.
- D. HOLD THE OWNER HARMLESS AGAINST ANY AND ALL CLAIMS ARISING FROM WORK DONE BY THE CONTRACTOR OR HIS SUB- CONSULTANTS ON THE SITE.
23. **CONTRACTOR PROJECT CLOSE-OUT REQUIREMENTS:**
- A. THE CONTRACTOR SHALL FULFILL THE REQUIREMENTS AND COMPLETE THE "CONTRACTOR'S PROJECT CLOSEOUT CHECKLIST", INCLUDED IN THE CONTRACT DOCUMENTS, BEFORE FINAL PAYMENT WILL BE ISSUED.
- B. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS FOR THE COMPLETION AND CLOSE-OUT OF THE PROJECT CONSTRUCTION.
- C. THE CONTRACTOR SHALL PROVIDE THE OWNER AND THE ENGINEER OF RECORD WITH COPIES OF RECORD LOGS, TEST RESULTS, AND SUPPORTING DOCUMENTATION WITHIN 30 DAYS OF THE COMPLETION OF WORK.
- D. AT THE COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL GIVE THE OWNER AND THE ENGINEER OF RECORD A MINIMUM OF THREE (3) DAYS NOTICE PRIOR TO THE SCHEDULED SITE WALK THROUGH.

SAFETY NOTES

1. AIRPORT OPERATIONS - THE CONTRACTOR SHALL ACQUAINT ALL SUPERVISORS AND EMPLOYEES WITH THE AIRPORT ACTIVITIES AND OPERATIONS THAT ARE INHERENT AT THE AIRPORT AND SHALL CONDUCT ALL CONSTRUCTION ACTIVITIES TO CONFORM TO ALL ROUTINE AND EMERGENCY AIR TRAFFIC REQUIREMENTS AND GUIDELINES ON SAFETY SPECIFIED IN NOTE 11 BELOW.
2. VEHICLE IDENTIFICATION - ALL CONTRACTOR VEHICLES THAT ARE AUTHORIZED TO OPERATE ON THE AIRPORT OUTSIDE OF THE DESIGNATED CONSTRUCTION AREA LIMITS OR HAUL ROUTES AS SPECIFIED ON THE PLANS AND WITHIN THE ACTIVE AIRCRAFT OPERATIONS AREA (AOA) SHALL DISPLAY IN FULL VIEW ABOVE THE VEHICLE A 3' X 3' OR LARGER ORANGE AND WHITE CHECKERED FLAG, EACH CHECK BEING 1' SQUARE. ALL VEHICLES OPERATING IN THE ACTIVE AOA DURING THE HOURS OF DARKNESS SHALL BE EQUIPPED WITH A FLASHING/ROTATING AMBER (YELLOW) DOME-TYPE LIGHT MOUNTED ON TOP OF THE VEHICLE AND OF SUCH INTENSITY TO CONFORM TO LOCAL CODES FOR MAINTENANCE AND EMERGENCY VEHICLES.
3. ALL CONTRACTOR VEHICLES AND PERSONNEL THAT ARE REQUIRED TO CROSS ACTIVE RUNWAYS, TAXIWAYS, OBJECT FREE AREAS, AND APPROACH CLEAR ZONES SHALL DO SO UNDER DIRECT CONTROL OF A FLAGMAN IN RADIO CONTACT WITH UNICOM OR THE CTAF. THE FLAGMAN SHALL BE TRAINED AND INSTRUCTED IN THE REGULATION GOVERNING OPERATIONS ON THE AOA AND RADIO PROCEDURES AT THE AIRPORT. THE FLAGMAN SHALL REMAIN WITH THE VEHICLE AT ALL TIMES. THE FLAGMAN AND RADIOS SHALL BE FURNISHED BY THE CONTRACTOR. IT SHALL BE UNDERSTOOD BY THE CONTRACTOR THAT AIRPORT TRAFFIC ON RUNWAYS, TAXIWAYS, AND APRONS SHALL HAVE PRIORITY OVER CONTRACTOR'S TRAFFIC.
4. PAVEMENT CLOSURES - NO RUNWAY, TAXIWAY, APRON OR AIRPORT ROADWAY SHALL BE CLOSED WITHOUT PRIOR APPROVAL OF AIRPORT OPERATIONS, TO ENABLE NECESSARY NOTICES TO AIRMEN (NOTAMS) OR ADVISORIES TO AIRPORT SERVICES OR TENANTS. A MINIMUM OF 72 HOURS WRITTEN NOTICE OF REQUESTED CLOSING SHALL BE DIRECTED TO THE AUTHORITY'S REPRESENTATIVE (AR), WHO WILL COORDINATE THE REQUEST WITH THE AIRPORT MANAGER.
5. OPEN TRENCHES - ANY CONSTRUCTION ACTIVITY OR OPEN TRENCHES WITHIN THE SAFETY AREA OF AN ACTIVE RUNWAY OR ACTIVE TAXIWAY WILL REQUIRE CLOSURE OF THE AFFECTED RUNWAY OR TAXIWAY, UNLESS OTHERWISE APPROVED BY AIRPORT OPERATIONS AND THE AUTHORITY'S REPRESENTATIVE. CLOSURES REQUIRE THE SAME PROVISIONS AS PARAGRAPH 4 ABOVE.
6. TRENCH MARKING - OPEN TRENCHES, EXCAVATIONS AND STOCKPILED MATERIALS LOCATED IN THE AOA SHALL BE PROMINENTLY MARKED WITH FLAGS AND LIGHTED BY APPROVED LIGHT UNITS DURING HOURS OF RESTRICTED VISIBILITY AND DARKNESS.
7. OPEN FLAME - OPEN FLAME, WELDING OR TORCH-CUTTING OPERATIONS ARE PROHIBITED UNLESS ADEQUATE FIRE AND SAFETY PRECAUTIONS HAVE BEEN TAKEN AND THE PROCEDURE APPROVED BY FIRE INSPECTOR, AIRPORT OPERATIONS AND THE ENGINEER. NO DEBRIS BURNING IS ALLOWED.
8. STOCKPILE EROSION AND DUST CONTROL - STOCKPILED MATERIAL AND OPEN EXCAVATIONS SHALL BE TREATED IN SUCH A MANNER AS TO PREVENT MOVEMENT RESULTING FROM AIRCRAFT BLAST OR WIND.
9. DEBRIS CONTROL - DEBRIS, WASTE AND LOOSE MATERIAL SHALL NOT BE ALLOWED ON ACTIVE AIRCRAFT MOVEMENT AREAS. IF OBSERVED TO BE ON ACTIVE AIRCRAFT MOVEMENT AREAS, THE MATERIAL WILL BE REMOVED IMMEDIATELY BY THE CONTRACTOR. THE ENGINEER MAY DIRECT THAT DEBRIS PROBLEMS DURING CONSTRUCTION NOT CORRECTED BY THE CONTRACTOR BE CORRECTED BY OTHERS AT THE EXPENSE OF THE CONTRACTOR. NO OPEN TOP DUMPSTERS ARE ALLOWED IN THE PROJECT OR STAGING AREA. TRUCKS SHALL COVER THE LOAD FOR ALL MOVEMENTS ON THE AIRPORT.
10. INSPECTION BY OPERATIONS - PRIOR TO OPENING FOR AIRCRAFT USE, THE AUTHORIZED REPRESENTATIVE WILL ARRANGE FOR INSPECTION BY THE AIRPORT MANAGER ANY RUNWAY, TAXIWAY OR APRON THAT HAS BEEN CLOSED FOR WORK, OR THAT HAS BEEN USED FOR A CROSSING POINT OR HAUL ROUTE BY THE CONTRACTOR.
11. SAFETY GUIDELINES (CURRENT EDITION APPLIES):
- 150/5370-2 "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION"
- 150/5200-18 "AIRPORT SAFETY SELF-INSPECTION"
- 150/5210-5 "PAINTING, MARKING AND LIGHTING OF VEHICLES USED ON AIRPORT"
12. LIGHTED BARRICADES ARE REQUIRED AS NOTED ANYTIME THE CONTRACTOR IS WORKING. A MINIMUM OF 90% OF THE LIGHTS SHALL BE OPERATIONAL.
13. AT THE END OF THE WORK DAY, CONTRACTOR SHALL REMOVE ALL EQUIPMENT FROM WORK AREA BACK TO THE CONTRACTOR STAGING AREA OR TO SUCH OTHER LOCATIONS AS APPROVED BY THE ENGINEER.



AIRPORT LOW-PROFILE BARRICADE
N.T.S.

CONTRACTOR'S SAFETY AND SECURITY REQUIREMENTS

SECURITY NOTES

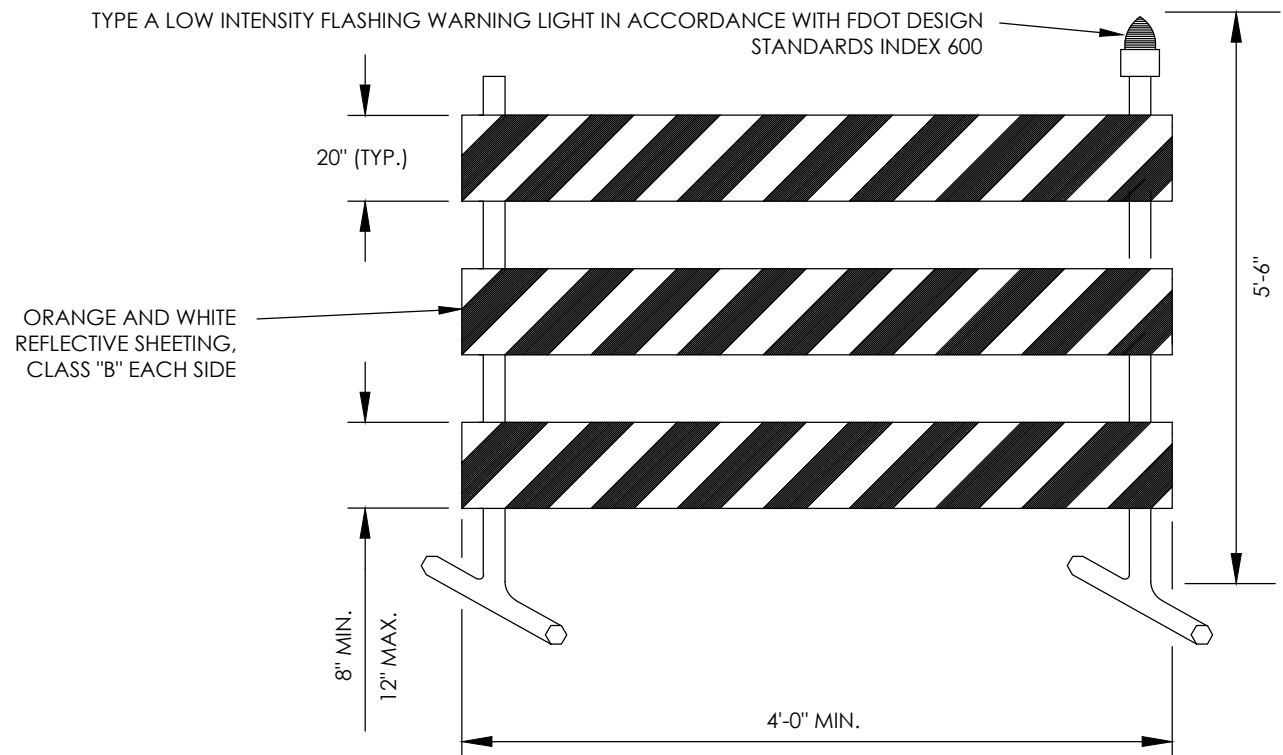
1. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE AIRPORT AND WITH THE SECURITY REQUIREMENTS SPECIFIED HEREIN. THE CONTRACTOR SHALL DESIGNATE IN WRITING TO THE ENGINEER THE NAME OF HIS/HER "CONTRACTOR SECURITY OFFICER". THE CONTRACTOR SECURITY OFFICER SHALL REPRESENT THE CONTRACTOR ON THE SECURITY REQUIREMENTS OF THE CONTRACT.
2. CONTRACTOR PERSONNEL SECURITY ORIENTATION - THE CONTRACTOR SECURITY OFFICER SHALL BE RESPONSIBLE FOR BRIEFING ALL CONTRACTOR PERSONNEL ON THESE REQUIREMENTS AND, FROM TIME TO TIME, OTHER SECURITY PROVISIONS ADOPTED BY THE ENGINEER OR OWNER. ALL NEW CONTRACTOR EMPLOYEES SHALL BE BRIEFED ON THESE REQUIREMENTS PRIOR TO WORKING IN THE CONSTRUCTION AREA.
3. ACCESS TO THE SITE - CONTRACTOR'S ACCESS TO THE SITE SHALL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL NOT PERMIT ANY UNAUTHORIZED CONSTRUCTION PERSONNEL OR TRAFFIC ON THE SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRAFFIC CONTROL TO AND FROM THE VARIOUS CONSTRUCTION AREAS ON THE SITE. THE CONTRACTOR IS RESPONSIBLE FOR THE IMMEDIATE CLEANUP OF ANY DEBRIS DEPOSITED ALONG THE ACCESS ROAD AS A RESULT OF HIS/HER CONSTRUCTION TRAFFIC. DIRECTIONAL SIGNING AT THE ACCESS GATE AND ALONG THE DELIVERY ROUTE TO THE STORAGE AREA OR WORK SITE SHALL BE AS DIRECTED BY THE ENGINEER.
4. MATERIALS DELIVERY TO THE SITE - ALL CONTRACTOR'S MATERIAL ORDERS FOR DELIVERY TO THE SITE WILL USE THE ACCESS POINT AT THE CONTRACTOR'S STAGING SITE. THE CONTRACTOR SHALL PROVIDE ESCORT SERVICES TO DIRECT DELIVERIES.
5. CONSTRUCTION AREA LIMITS - THE LIMITS OF CONSTRUCTION, MATERIAL STORAGE AREAS, EQUIPMENT STORAGE AREA, PARKING AREA AND OTHER AREAS DEFINED AS REQUIRED FOR THE CONTRACTOR'S EXCLUSIVE USE DURING CONSTRUCTION SHALL BE MARKED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL ERECT AND MAINTAIN AROUND THE PERIMETER OF THESE AREAS SUITABLE FENCING, SIGNAGE AND WARNING DEVICES VISIBLE FOR BOTH DAY/NIGHT USE TO DELINEATE THE PERIMETER OF ALL SUCH AREAS (INCLUDE COST IN ITEM M-100).
6. CONTRACTOR EMPLOYEE PERSONAL VEHICLES SHALL BE RESTRICTED TO THE CONTRACTOR'S STAGING AREA OR CONTRACTOR EMPLOYEE PARKING AREA AND ARE NOT ALLOWED ON THE AIRFIELD AT ANY TIME.
7. REQUIREMENTS FOR BADGING - BADGING OF CONTRACTOR PERSONNEL WILL NOT BE REQUIRED FOR THIS PROJECT.
8. THE CONTRACTOR SHALL INSTALL A 3' X 3' SIGN AT THE CONSTRUCTION SITE ENTRANCE GATE THAT SAYS: "THIS AREA IS A DESIGNATED CONSTRUCTION SITE AND ANYONE WHO TRESPASSES ON THIS PROPERTY COMMITS A FELONY."

BARRICADE NOTES

1. TYPICAL LIGHTED AIRPORT LOW PROFILE BARRICADES TO BE PLACED ALONG THE LIMITS OF THE PHASES OF WORK, AS SHOWN IN THESE PLANS, TO DELINEATE THE CONTRACTOR'S WORK AREAS (SEE DETAIL BELOW).
2. ALL BARRICADES SHALL BE CHECKED VISUALLY ON A WEEKLY BASIS AND SHALL BE REPAIRED WHEN DEEMED APPROPRIATE BY THE ENGINEER. ALL LIGHT FIXTURES SHALL BE VERIFIED OPERATING BY THE CONTRACTOR ON A DAILY BASIS BEFORE THE CONTRACTOR CEASES OPERATION FOR THE DAY.
3. ALL BARRICADES SHALL BE MOVED AT LEAST ONCE EACH WEEK AND THE CONTRACTOR SHALL SWEEP THE DEBRIS WHICH HAS ACCUMULATED AND REMOVE IT FROM THE SITE. THE BARRICADES SHALL THEN BE REPLACED AT THE APPROPRIATE LOCATION.
4. BARRICADES SHALL BE SPACED 8' MAXIMUM, END TO END, OR CLOSER IF INTENDED TO PREVENT PASSAGE OF VEHICLES LESS THAN 8' WIDE. IF INTENDED TO PREVENT PEDESTRIAN ENTRANCE, THEN BARRICADES SHALL BE PLACED END TO END WITH NO GAP. COORDINATE PLACEMENT OF BARRICADES WITH THE ENGINEER & AIRPORT OPERATOR.

SUNSHINE STATE ONE CALL OF FLORIDA:

AT LEAST 48 HOURS BEFORE YOU DIG, EXCLUDING SATURDAYS, SUNDAYS AND HOLIDAYS, CALL **811** WHEN CALLING FROM FLORIDA AND **1-800-432-4770** WHEN CALLING FROM OUTSIDE FLORIDA. A REPRESENTATIVE WILL COME TO YOUR PROPERTY TO LOCATE AND MARK PUBLIC UTILITIES. THERE IS NO CHARGE FOR THIS SERVICE.



ITEM M-100
TYPE III CONSTRUCTION BARRICADE
N.T.S.



TRC SET

Stamp:



Client:

CITY OF FERNANDINA BEACH



204 Ash Street
Fernandina Beach, FL 32034

Passero Associates

4730 Casa Cola Way, Suite 200
St. Augustine, FL (904) 757-6106

Principal in Charge
Project Manager
Designed by

Bradley Wentz, PE
Christopher Nardone, AIA
Pamela Forrest

No.	Date	By	Description

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SAFETY, SECURITY,
AND GENERAL NOTES

600 AIRPORT ROAD

FERNANDINA FIRE STATION
NO.2

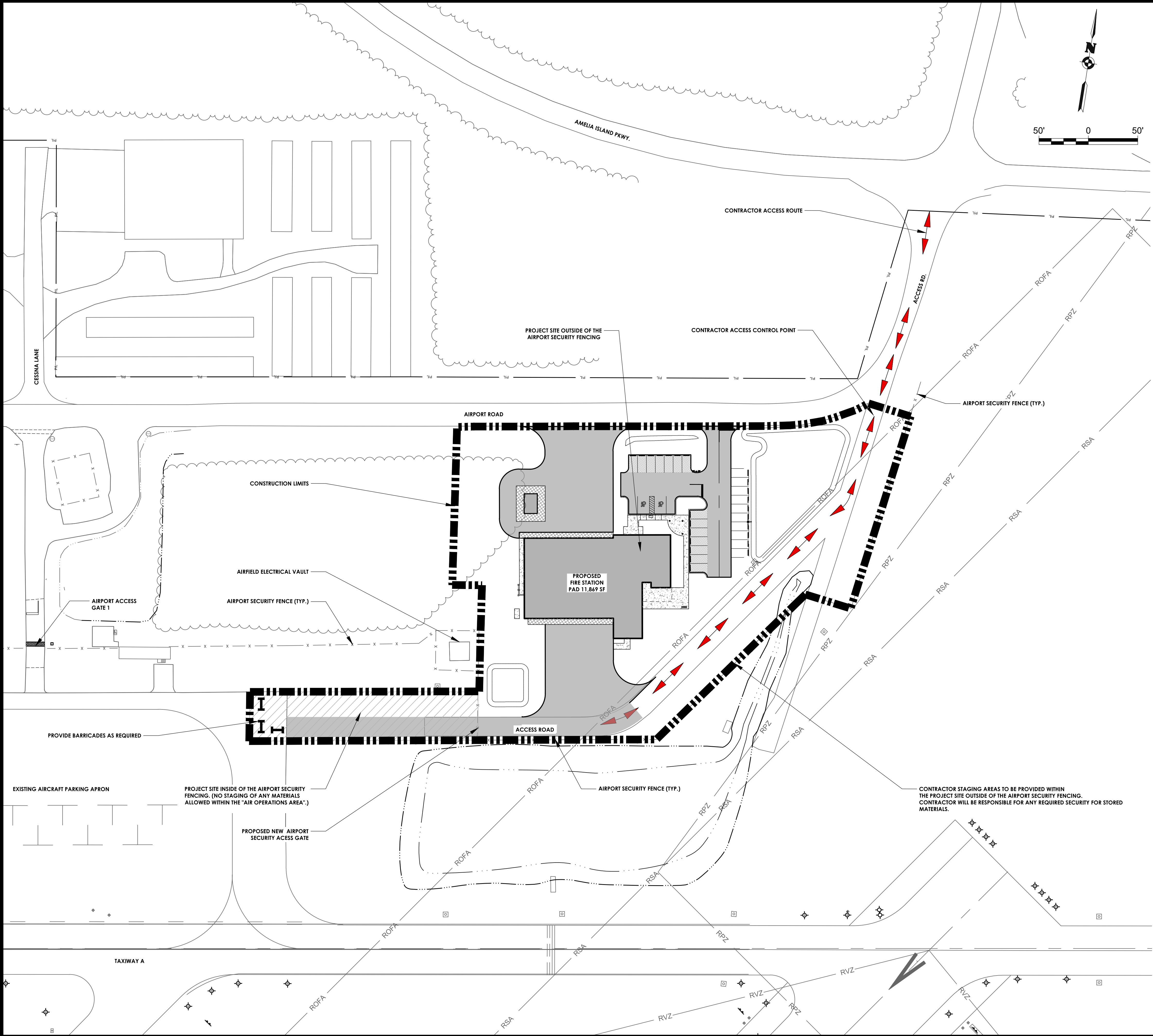
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County: Nassau State: Florida

Project No.:
99000047.0086

Drawing No.:
C-102

Date:
May 20 2021

Drawing name: V:\Projects-New\1990000047 SE FHB\99000047 0086 - Fire House\Drawings\Engineering\FLORIDA SPT\C-004 Construction Safety Phasing Plan.dwg 1 May 20, 2021 10:09am by: pitorrez



LEGEND:

CONTRACTOR STAGING AREA 

ACCESS ROUTE 

BARRICADES (AIRPORT) 

- GENERAL PHASING NOTES:**
- THE INTENT OF THIS CONTRACT IS TO COMPLETE THE PROJECT WITH A MINIMAL AMOUNT OF OPERATIONAL IMPACT TO THE AIRPORT OR NEIGHBORING BUSINESSES. I.E. THE SHORTEST AMOUNT OF TIME THAT AIRCRAFT MOVEMENT AREAS OR ACCESS ROADS ARE CLOSED OR IMPACTED DUE TO CONSTRUCTION OPERATIONS. NO RUNWAY, TAXIWAY, APRON, OR AIRPORT ROADWAY SHALL BE CLOSED WITHOUT PRIOR APPROVAL OF THE AIRPORT MANAGER. TO ENABLE NECESSARY NOTICES TO AIRMEN (NOTAMS) OR ADVISORIES TO AIRPORT SERVICES OR TENANTS. A MINIMUM OF 48 HOURS WRITTEN NOTICE OF REQUESTED CLOSING SHALL BE DIRECTED TO THE ENGINEER, WHO WILL COORDINATE THE REQUEST WITH THE AIRPORT MANAGER. PRIOR TO THE RE-OPENING OF THE RUNWAY, TAXIWAY OR APRON THE CONTRACTOR, OWNER, AND RESIDENT ENGINEER SHALL INSPECT THE PAVEMENT SURFACE TO DETERMINE THAT IT IS SUITABLE TO BE OPENED.
 - AT THE COMPLETION OF EACH DAY'S WORK, AND PRIOR TO THE RE-OPENING OF ANY TAXIWAY, THE CONTRACTOR SHALL REMOVE ANY EQUIPMENT AND CLEAN AIRFIELD PAVEMENT SURFACES TO REMOVE ANY DEBRIS TO THE SATISFACTION OF THE ENGINEER AND OWNER.
 - LOW PROFILE AND FDOT BARRICADES SHALL BE INSTALLED AS SHOWN OR AS ORDERED BY THE ENGINEER/OWNER.
 - ALL REQUIRED MAINTENANCE AND PROTECTION OF TRAFFIC DEVICES SHALL BE INSTALLED AND APPROVED BY THE ENGINEER PRIOR TO STARTING WORK.
 - THE CONTRACTOR SHALL STABILIZE AND MAINTAIN THE TEMPORARY ON-SITE HAUL ROUTES AND PROVIDE FOR ANY SITE CLEARING AND TEMPORARY DITCH CROSSINGS THAT MAY BE REQUIRED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE OFF-SITE HAUL ROUTES WITH THE APPROPRIATE OWNERS WHO HAVE JURISDICTION OVER THEM. ON-SITE HAUL ROUTES SHALL BE RESTORED TO ITS ORIGINAL CONDITIONS TO THE SATISFACTION OF THE OWNER. THE COST FOR THE TEMPORARY HAUL ROUTES SHALL BE INCLUDED IN ITEM 101.
 - PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL CONTACT ALL BUSINESS OWNERS IN THE VICINITY OF THE PROJECT TO COORDINATE ALL CONSTRUCTION ACTIVITIES THAT MAY IMPACT CURRENT TRAFFIC TO AND OUT OF THEIR BUSINESSES.
 - CONTRACTOR SHALL PROVIDE ACCESS TO ALL BUSINESSES ADJACENT TO THE PROJECT SITE AT ALL TIME DURING CONSTRUCTION.
 - CONTRACTOR SHALL CONTACT THE AIRPORT MANAGER TO COORDINATE WITH EXISTING TENANTS ADJACENT TO THE PROJECT SITE.

- PROJECT SPECIFIC PHASING NOTES**
- CONTRACT TIME; SUBSTANTIAL COMPLETION & TEMPORARY CERTIFICATE OF OCCUPANCY FOR THE FIRE STATION NO. 2 SHALL BE ACHIEVED WITHIN THE CONTRACT TIME.
 - THE INITIAL PHASE WILL INCLUDE SETTING UP OF THE CONTRACTOR'S STAGING AREA, ESTABLISHMENT OF ACCESS/HAUL ROUTES, MATERIAL PROCUREMENT, GENERAL PREPARATION FOR COMMENCEMENT OF CONSTRUCTION, INCIDENTAL SITE CLEARING, SUBMISSION AND APPROVAL OF SHOP DRAWINGS AND MATERIALS.
 - AIRPORT ROAD SHALL REMAIN OPEN TO TRAFFIC AT ALL TIMES.
 - GATE 1 (EAST SIDE OF SITE) SHALL REMAIN OPEN TO AIRPORT TRAFFIC AT ALL TIMES, TO THE MAXIMUM EXTENT POSSIBLE. ALL CLOSURES SHALL BE COORDINATED WITH THE ENGINEER & AIRPORT.
 - ALL CONSTRUCTION WORK SHALL BE COMPLETED WITHIN THE CONTRACT TIME.

PA
PASSERO ASSOCIATES
engineering architecture

PROMUS

TRC SET

Stamp:



5/19/2021

Client:
CITY OF FERNANDINA BEACH



204 Ash Street
Fernandina Beach, FL 32034

Passero Associates
4730 Casa Cole Way, Suite 200
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Principal in Charge
Project Manager
Designed by
Bradley Wentz, PE
Christopher Nardone, AIA
Pamela Torres

No.	Date	By	Description

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**CONSTRUCTION
SAFETY & PHASING
PLAN**

600 AIRPORT ROAD

FERNANDINA FIRE STATION
NO.2
Town/City: Fernandina Beach
County: Nassau State: Florida

Project No.:
99000047.0086

Drawing No.:
C-103

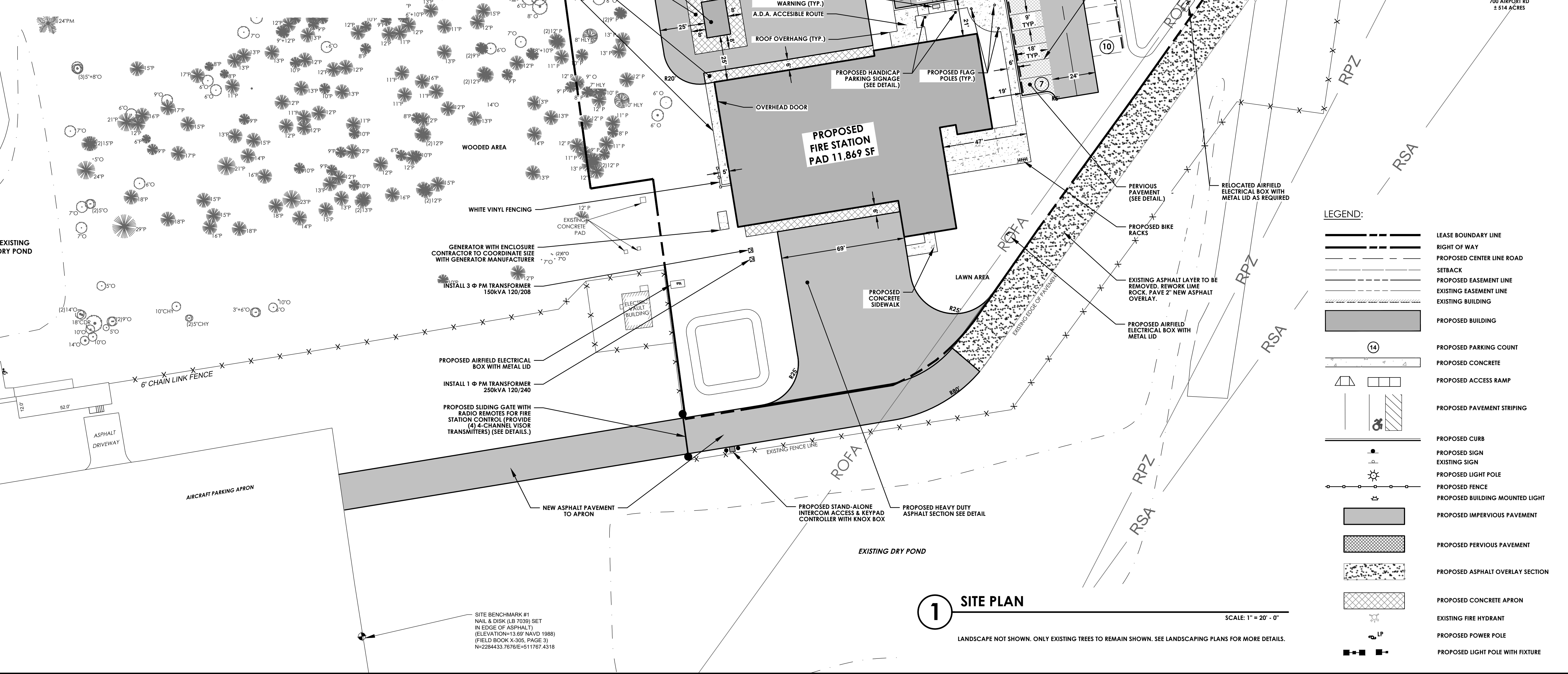
Date:
May 20 2021

CONSTRUCTION NOTES:

1. PRE-CONSTRUCTION MEETING - A PRE-CONSTRUCTION SHALL BE HELD ONSITE PRIOR TO THE START OF WORK. THIS MEETING SHALL INCLUDED REQUIRED MEMBERS FROM THE CITY AND LOCAL AUTHORITIES, CITY ENGINEER, DESIGN ENGINEER AND OWNER.
2. STAKEOUT - THE CONSTRUCTION STAKEOUT SHALL BE PERFORMED BY A LICENSED LAND SURVEYOR USING CONTROL PROVIDED ON THE "SITE PLAN". THE BUILDING FOOTPRINT(S) WERE PROVIDED BY OTHERS. DISCREPANCIES WITH BUILDING(S), CONTROL POINTS, AND/OR THE DIMENSIONS SHALL BE REPORTED TO THE DESIGN ENGINEER (PRIOR TO THE INSTALLATION OF IMPROVEMENTS) FOR COORDINATION AND CLARIFICATION.
3. LAYOUT - DIMENSIONS SHOWN, WHERE APPLICABLE, SHALL BE FROM THE FACE OF CURB UNLESS SPECIFICALLY CALLED OUT OTHERWISE.
4. DEMOLITION - CLEARING AND GRUBBING SHALL BE LIMITED TO THE SITE BOUNDARIES OR WITHIN THE "WORK LIMIT LINE" AS DEFINED ON THE PLAN. TREES AND OBJECTS DESIGNATED FOR REMOVAL SHALL BE COORDINATED AND FIELD VERIFIED WITH PROJECT ON-SITE REPRESENTATIVE. ALL MATERIALS SHALL BE LEGALLY DISPOSED OF OFF-SITE OR RETURNED TO OWNER AS DIRECTED BY CONTRACT DOCUMENTS. ALL ITEMS NOT SPECIFICALLY CALLED OUT TO BE REMOVED SHALL REMAIN.
5. COORDINATION - THE CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITY WORK WITH OTHER SITE UTILITIES (I.E. GAS, ELECTRIC, LIGHTING, COMMUNICATIONS) TO AVOID POTENTIAL INSTALLATION CONFLICTS.
6. STAGING - AS DEFINED BY THE CONTRACT DOCUMENTS THE CONTRACTOR SHALL CONSTRUCT A SECURE STAGING AREA FOR STORAGE OF EQUIPMENT, MATERIALS, EMPLOYEE PARKING AND OFFICE SPACE. IF THE AREA/METHOD IS NOT SPECIFICALLY DEFINED ON THE DOCUMENTS THEN IT SHALL BE COORDINATED WITH THE OWNER'S ON-SITE REPRESENTATIVE.
7. CLOSE-OUT - THE CONTRACTOR'S WORK SCOPE INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING AT PROJECT CLOSE-OUT TO THE SATISFACTION OF OWNER'S ON-SITE REPRESENTATIVE:
 - REMOVAL OF ANY CONSTRUCTION DEBRIS.
 - CLEANING PAVEMENT AND WALKWAY SURFACES.
 - RESTORATION OF ALL DISTURBED GRASS AND LANDSCAPED AREAS.
 - PROVIDING BONDS, GUARANTEES, CERTIFICATIONS, ETC. AS REQUIRED BY CONTRACT DOCUMENTS.
 - PROVIDING A RECORD DRAWING.
 - COMPLETION OF FINAL PUNCH LIST ITEMS.

SURVEY NOTES (SEE MANZIE & DRAKE SURVEY)

- 1) THIS IS NOT A BOUNDARY SURVEY.
- 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) PROJECT & COORDINATES SHOWN HEREON ARE BASED ON THE STATE PLANE COORDINATE SYSTEM, EAST ZONE, STATE OF FLORIDA, NORTH AMERICAN DATUM OF 1983. (NAD '83)
- 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) SITE BENCHMARK IS AS SHOWN HEREON.
- 7) ELEVATIONS SHOWN HEREON REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988. (N.A.V.D. '88)
- 8) THE REFERENCE BENCHMARK IS PUBLISHED BENCHMARK "FERNPORT AZ MK". (ELEVATION=12.00' NAVD 1988)
- 9) 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.



1 SITE PLAN

LANDSCAPE NOT SHOWN. ONLY EXISTING TREES TO REMAIN SHOWN. SEE LANDSCAPING PLANS FOR MORE DETAILS.

LEGEND:

- LEASE BOUNDARY LINE
- RIGHT OF WAY
- PROPOSED CENTER LINE ROAD
- SETBACK
- PROPOSED EASEMENT LINE
- EXISTING EASEMENT LINE
- EXISTING BUILDING
- PROPOSED BUILDING
- PROPOSED PARKING COUNT
- PROPOSED CONCRETE
- PROPOSED ACCESS RAMP
- PROPOSED PAVEMENT STRIPING
- PROPOSED CURB
- PROPOSED SIGN
- EXISTING SIGN
- PROPOSED LIGHT POLE
- PROPOSED FENCE
- PROPOSED BUILDING MOUNTED LIGHT
- PROPOSED IMPERVIOUS PAVEMENT
- PROPOSED PERVIOUS PAVEMENT
- PROPOSED ASPHALT OVERLAY SECTION
- PROPOSED CONCRETE APRON
- EXISTING FIRE HYDRANT
- PROPOSED POWER POLE
- PROPOSED LIGHT POLE WITH FIXTURE

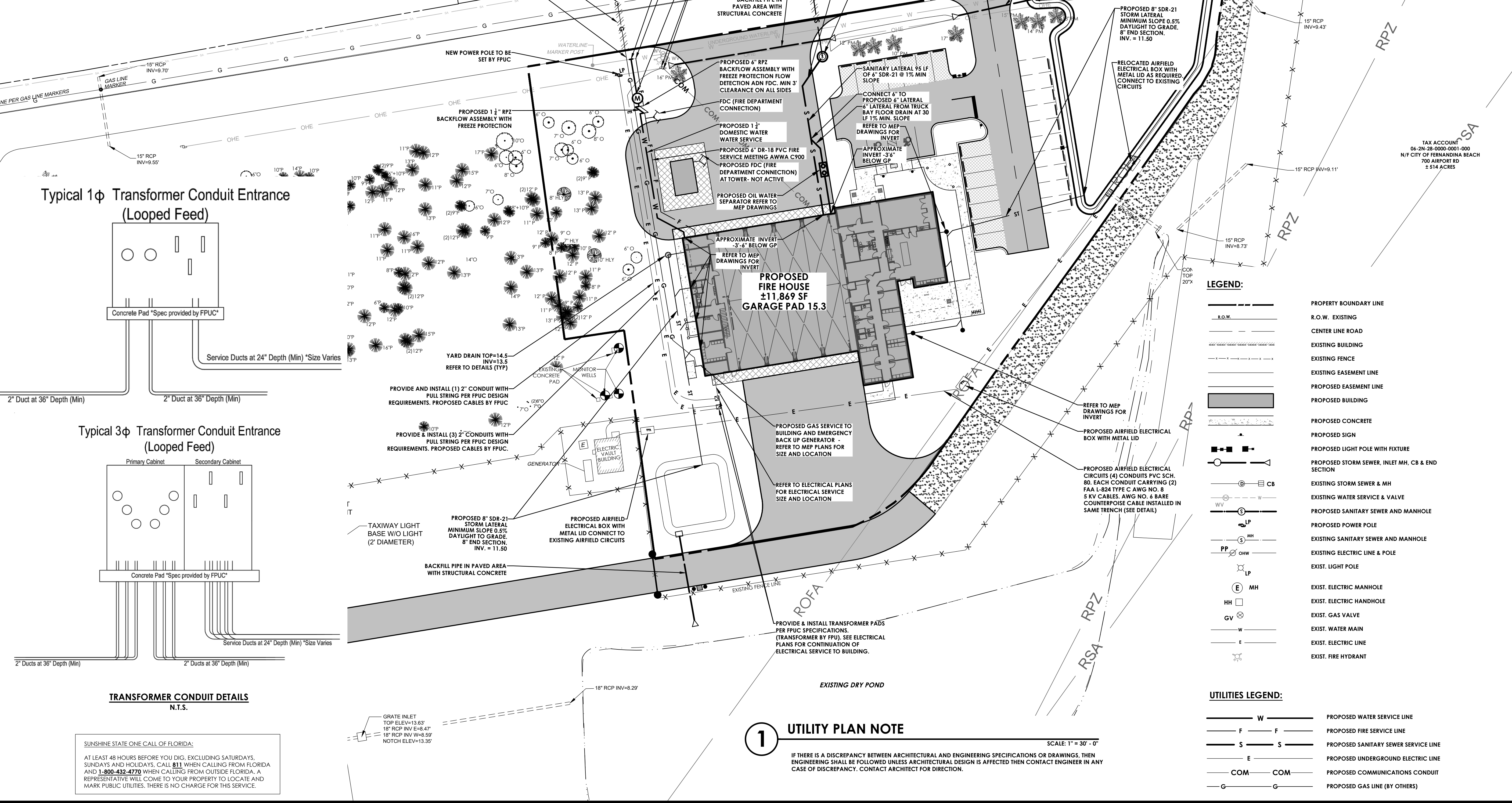
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GENERAL UTILITY NOTES:

- SEE MEP DRAWINGS FOR CONTINUATION AND CONNECTION OF UTILITIES.
- ALL UTILITY WORK INCLUDING REMOVAL OR MODIFICATION OF AN EXISTING SYSTEM OR THE INSTALLATION OF NEW UTILITIES MUST BE COORDINATED WITH THE FOLLOWING UTILITY OWNERS:
 - FPU GAS - GEORGE SPEERIN - 386.785.4506
 - FPU ELECTRIC - SHANE MAGNUS - 904.430.4727
 - CITY OF FERNANDINA BEACH - WATER & SEWER - JOHN MANDRICK - 904.310.3421
 - TELEPHONE / CABLE / FIBER OPTIC - AT&T - KEITH HERREN - 904.727.1570
- THE PROPOSED GAS LINE IS NOT IN CONTRACT AND SHOWN FOR REFERENCE AND COORDINATION ONLY, AND WILL BE INSTALLED BY FPU.
- ROADWAY/PARKING LIGHTING INSTALLATION SHALL BE PERFORMED BY FPU. THE CONTRACTOR SHALL COORDINATE INSTALLATION WITH FPU.
- CONTRACTOR SHALL COORDINATE ALL UTILITY LOCATES WITH SUNSHINE STATE ONE-CALL OF FLORIDA, INC. (800-432-4770). ONCE THE LOCATE SERVICE HAS FIELD MARKED ALL UTILITIES, THE CONTRACTOR SHALL VERIFY EACH UTILITY (INCLUDING ANY SERVICE LATERALS, I.E. WATER, SEWER, CABLE, ELECTRIC, PHONE, ETC.). ALL UTILITY DAMAGES SHALL BE REPAIRED BY THE CONTRACTOR AT NO COSTS TO OWNER.

UTILITY SERVICE SEPARATION NOTES:

- WATER SERVICE PIPES (30 INCH MINIMUM COVER)
 - HORIZONTAL SEPARATION
 - 5 FEET MINIMUM FROM BUILDING SANITARY SEWER SERVICE, UNLESS THE WATER SERVICE PIPE HAS AT LEAST 12 INCHES OF VERTICAL CLEARANCE ABOVE THE SANITARY SEWER, 3 FEET MINIMUM SEPARATION FROM STORM SEWER.
 - VERTICAL SEPARATION AT CROSSINGS (WATER SERVICE SHALL CROSS ABOVE WHEN POSSIBLE)
 - CROSSING ABOVE SANITARY SEWER - 12 INCHES MINIMUM
 - CROSSING BELOW SANITARY SEWER - WATER SERVICE PIPE SHALL BE SLEEVED TO 5 FEET HORIZONTALLY FROM THE SANITARY SEWER PIPE CENTERLINE ON BOTH SIDES OF CROSSING
 - CROSSING ABOVE STORM SEWER - 6 INCHES MINIMUM
 - CROSSING BELOW STORM SEWER - 12 INCHES MINIMUM
- STORM SEWER SEPARATION FROM SANITARY SEWER PIPES
 - HORIZONTAL SEPARATION
 - 3 FEET FROM SANITARY SEWER SERVICE
 - VERTICAL SEPARATION (STORM SEWER SHALL CROSS ABOVE WHEN POSSIBLE)
 - 6 INCHES MINIMUM



1 UTILITY PLAN NOTE

IF THERE IS A DISCREPANCY BETWEEN ARCHITECTURAL AND ENGINEERING SPECIFICATIONS OR DRAWINGS, THEN ENGINEERING SHALL BE FOLLOWED UNLESS ARCHITECTURAL DESIGN IS AFFECTED THEN CONTACT ENGINEER IN ANY CASE OF DISCREPANCY. CONTACT ARCHITECT FOR DIRECTION.



PASSERO ASSOCIATES
engineering architecture



TRC SET

Stamp:



Client:

CITY OF FERNANDINA
BEACH



204 Ash Street
Fernandina Beach, FL 32034

Passero Associates

4730 Casa Cola Way, Suite 200
St. Augustine, FL (904) 757-6106

Principal in Charge
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Bradley Wentz, PE
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Pamelo Torres

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UTILITY
PLAN

600 AIRPORT ROAD

FERNANDINA FIRE STATION
NO.2

Town/City: Fernandina Beach
County: Nassau State: Florida

Project No.:
99000047.0086

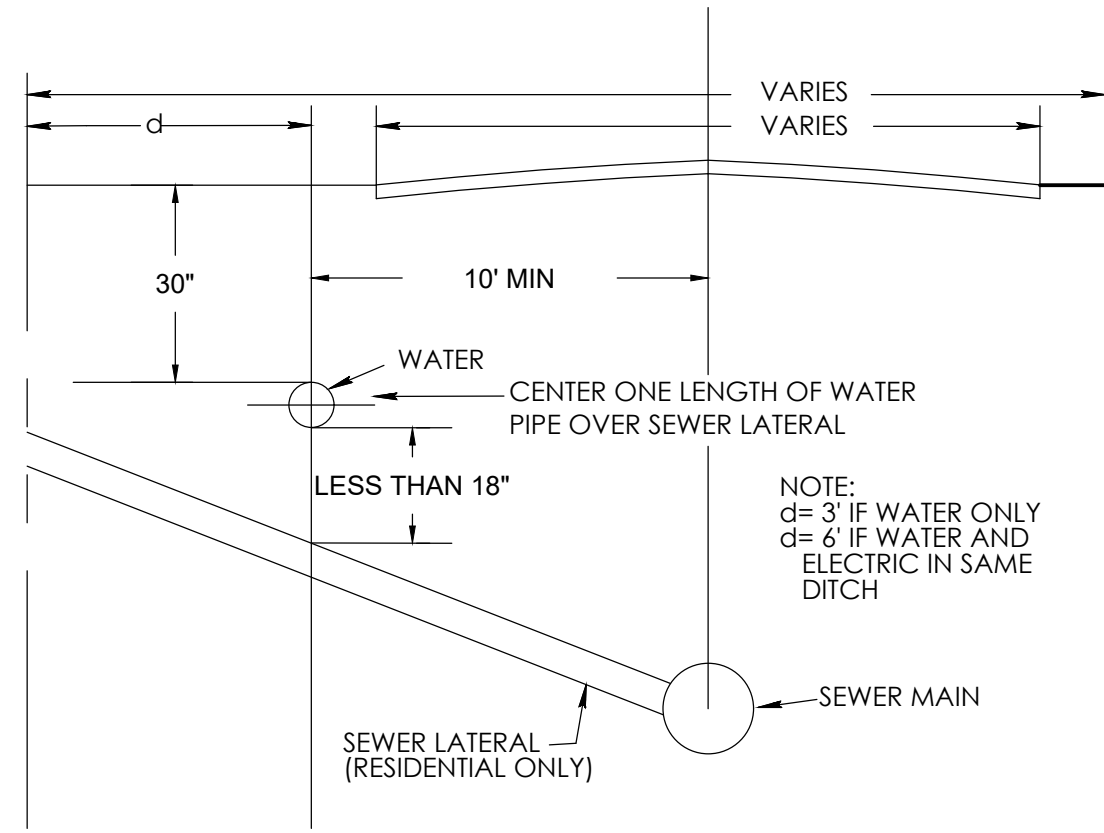
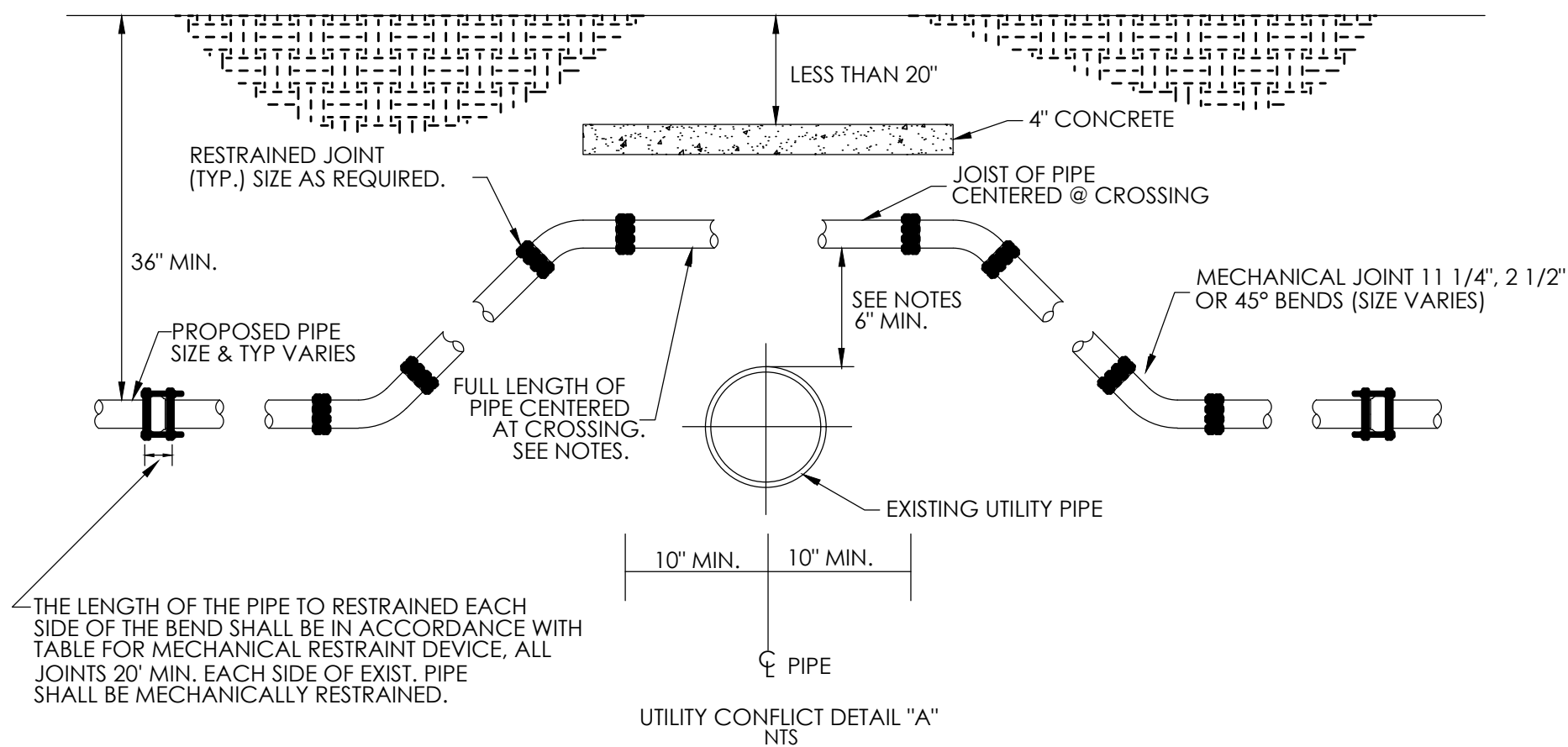
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C-301

Date:

May 20 2021

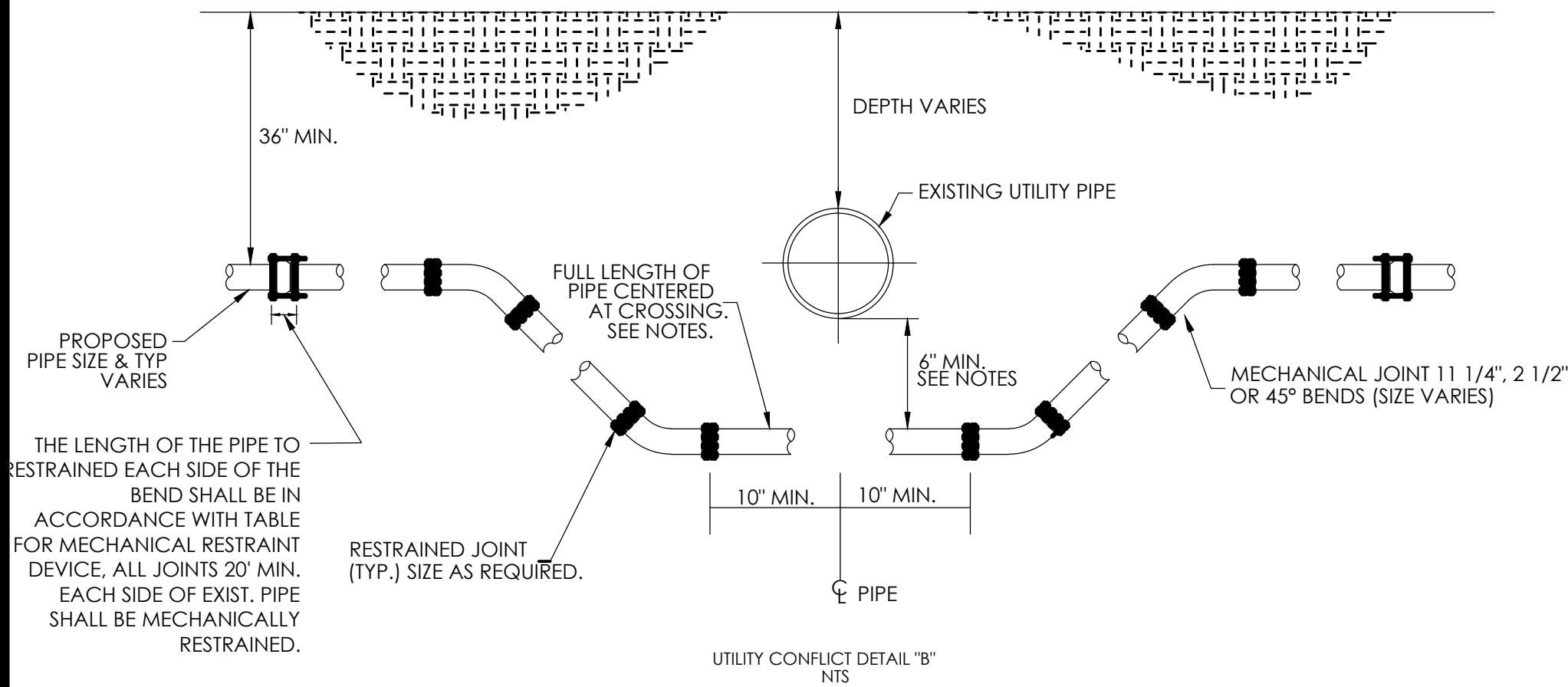
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Drawing name: V:\Projects-New\1901\99000047\SE Fire House\Drawings\Engineering\FLORIDA\SP\TDetail Sheet.dwg C302 May 19, 2021 2:07pm by: blorrez



- NOTES:
1. MAINTAIN MINIMUM 10" HORIZONTAL SEPARATION BETWEEN WATER AND WASTE WATER MAINS. WHERE THIS IS NOT POSSIBLE REPLACE WASTE WATER MAIN WITH DUCTILE IRON FOR THE LENGTH IN WHICH THE 10" HORIZONTAL SEPARATION CANNOT BE MAINTAINED. (BY OTHERS)
 2. MAINTAIN MINIMUM 18" VERTICAL SEPARATION BETWEEN ALL WATER AND WASTE WATER MAINS. WHERE THIS IS NOT POSSIBLE REPLACE WASTE WATER MAIN WITH DUCTILE IRON FOR 10' EACH SIDE OF CROSSING (BY OTHERS)

WATER PIPE SEPARATION REQUIREMENTS

N.T.S.



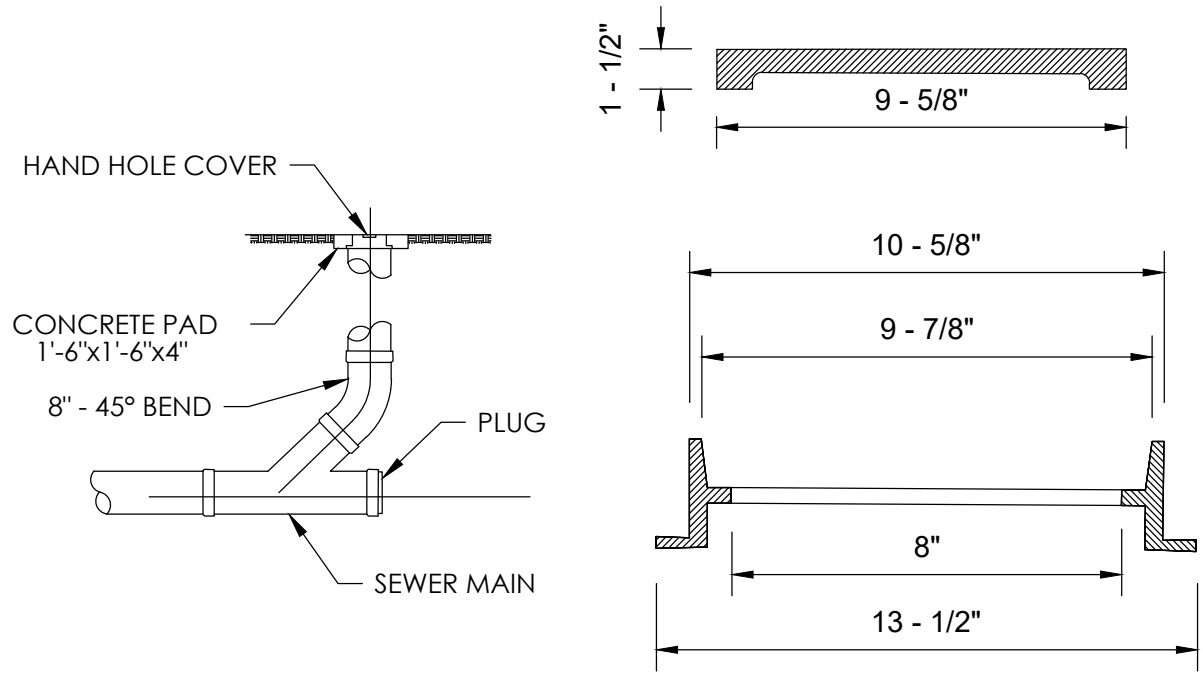
MINIMUM LENGTH TO BE RESTRAINED ON EACH SIDE OF FITTING (FEET)								
PIPE SIZE	11 1/4	22 1/2	45	90	TEE	VALVE	CAP	REDUCER
4	2	4	7	18	20	39	39	N/A
6	2	5	10	25	20	55	55	28
8	3	6	13	32	20	72	72	30
10	4	8	16	38	20	86	86	29
12	4	9	19	45	20	102	102	50
16	6	11	23	57	20	131	131	30

BELL RESTRAINT REQUIREMENTS

- NOTES:
1. IF EXISTING UTILITY PIPE IS A WATER MAIN 6-INCHES OF SEPARATION IS REQUIRED.
 2. IF EXISTING UTILITY PIPE IS A FORCE MAIN, SANITARY SEWER LINE OR DRAINAGE PIPE, 18 INCHES OF SEPARATION IS REQUIRED.
 3. IF THIS IS IMPOSSIBLE AND EXISTING UTILITY MAIN IS C900, C905 OR D.I. PIPE, SEPARATION CAN BE REDUCED TO 6-INCHES. A FULL 20FT. PIPE SHALL BE CENTERED UNDER EXISTING UTILITY MAIN TO PROVIDE MAXIMUM JOINT SPACING FOR 18-INCH OR 6-INCH SEPARATIONS.
 3. LOCATING WIRING REQUIRED. SEE DETAIL W-44.

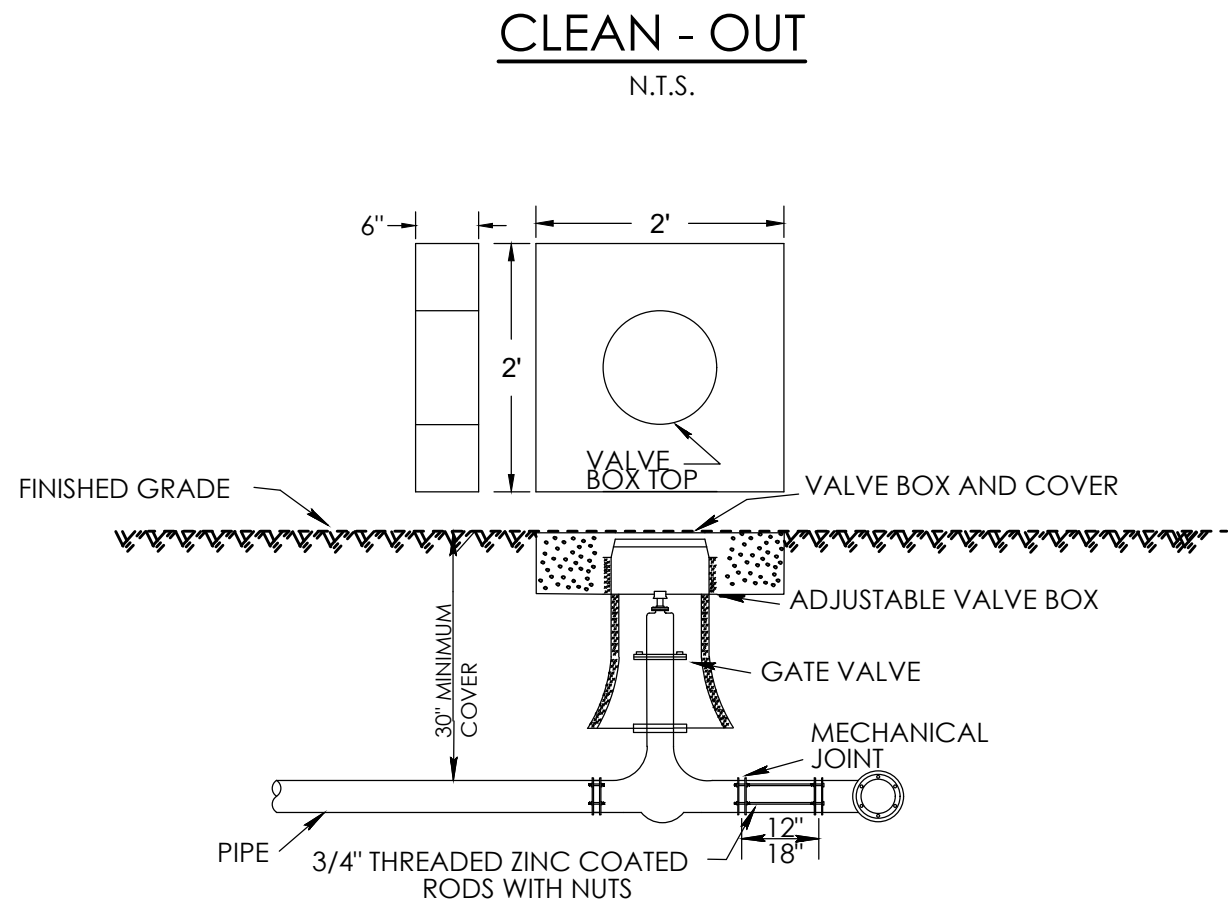
ADJUSTMENT OVER OR UNDER UTILITIES, MECHANICAL RESTRAINTS, DETAIL

N.T.S.



CLEAN - OUT

NOTE:
HAND HOLE COVER TO BE U.S. FOUNDRY 7621 OR EQUAL

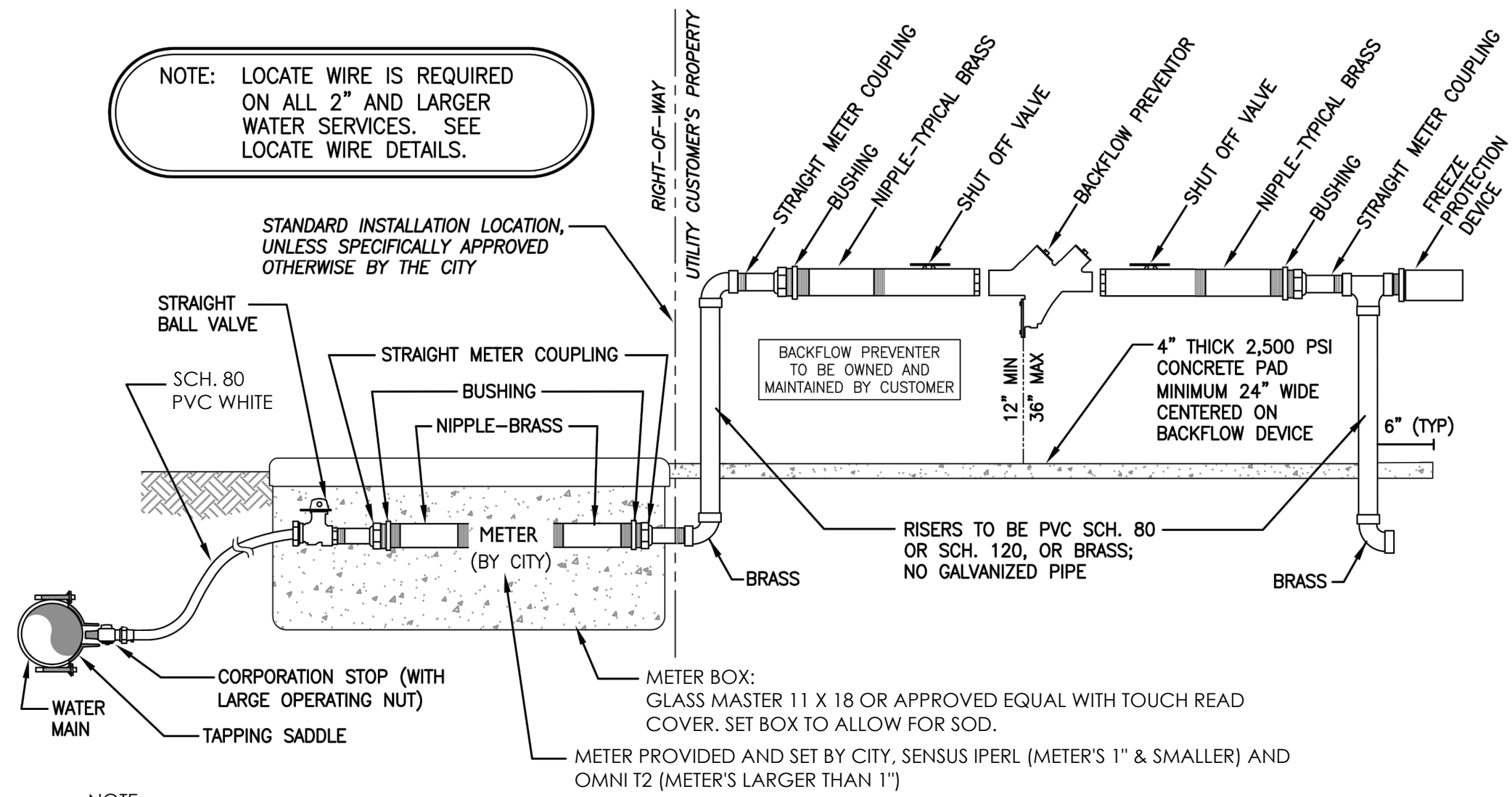


TIE RODS

TWO RODS ON ALL SIX INCH (6") PIPE
THREE RODS ON ALL EIGHT INCH (8") PIPE
FOUR RODS ON ALL TEN AND TWELVE INCH (10" & 12") PIPE

GATE VALVE & BOX DETAIL

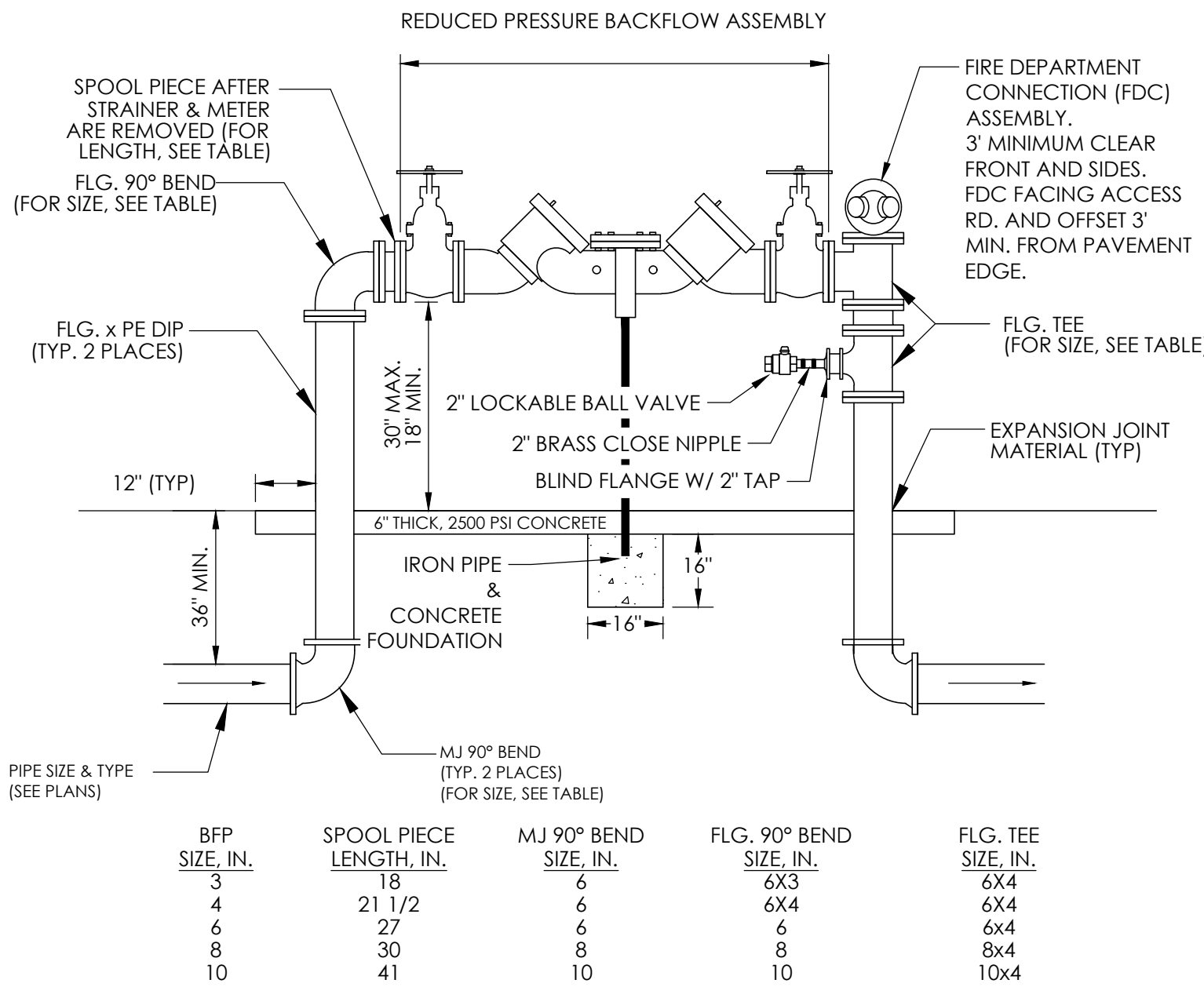
N.T.S.



- NOTE:
1. ALL FITTINGS TO BE BRASS UNLESS OTHERWISE APPROVED.
 2. CONTRACTOR TO PROVIDE & INSTALL ALL MATERIALS EXCEPT THE WATER METER. CITY OF FERNANDINA BEACH WILL INSTALL THE WATER METER IN THE METER BOX ASSEMBLY THAT IS FULLY CONSTRUCTED BY THE CONTRACTOR PER THE PLANS & SPECIFICATIONS.
 3. BACKFLOW ASSEMBLY SHALL BE REDUCED PRESSURE ZONE ASSEMBLY WITH FREEZE PROTECTION.
 4. BACKFLOW ASSEMBLY INSTALLATION SHALL BE PER THE MANUFACTURER'S RECOMMENDATIONS.
 5. BACKFLOW ASSEMBLY SHALL BE APPROVED THROUGH THE SHOP DRAWING REVIEW PROCESS.

WATER SERVICE DETAIL: TAP & WATER METER SET-UP WITH REDUCED PRESSURE ZONE BACKFLOW ASSEMBLY CONFIGURATION

N.T.S.



- NOTE:
1. ALL MJ FITTINGS ARE TO BE RESTRAINED.
 2. BACKFLOW ASSEMBLY INSTALLATION SHALL BE PER THE MANUFACTURER'S RECOMMENDATIONS.
 3. BACKFLOW ASSEMBLY SHALL BE APPROVED THROUGH THE SHOP DRAWING REVIEW PROCESS.

FIRE SERVICE BACKFLOW PREVENTER ASSEMBLY: REDUCED PRESSURE ZONE ASSEMBLY WITH FREEZE PROTECTION, FLOW DETECTION & FIRE DEPARTMENT CONNECTION

N.T.S.

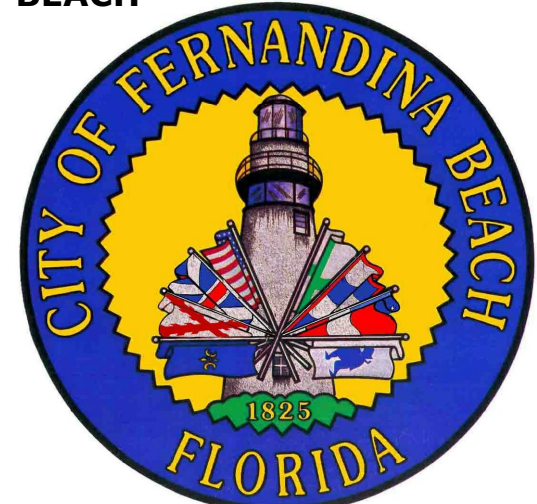
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Stamp:



Client:

CITY OF FERNANDINA BEACH



204 Ash Street
Fernandina Beach, FL 32034

Passero Associates

4730 Casa Cola Way, Suite 200
St. Augustine, FL (904) 757-6106
Principal in Charge: Bradley Wentz, PE
Project Manager: Christopher Nardone, AIA
Designed by: Pamela Torres

No.	Date	By	Description

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UTILITY DETAILS

600 AIRPORT ROAD

FERNANDINA FIRE STATION
NO.2

Town/City: Fernandina Beach
County: Nassau State: Florida

Project No.:

99000047.0086

Drawing No.:

C-302

Date:

May 20 2021

\\projects\new\1909\99000047\FLR\99000047.dwg - FIRE LIFT STATION DRAWINGS\FLR\99000047.dwg - 5/19/2021 2:07 PM - Revoked Times
Drawing name: \\Projects-New\1909\99000047\SE\FH\99000047.dwg - Fire House Drawings\Engineering\FLR\99000047.dwg
C303 May 19, 2021 2:07pm by: plorrez



FLYGT
xylem brand
MP 3069 HT 3~ 258

Materials

Impeller
Grey cast iron

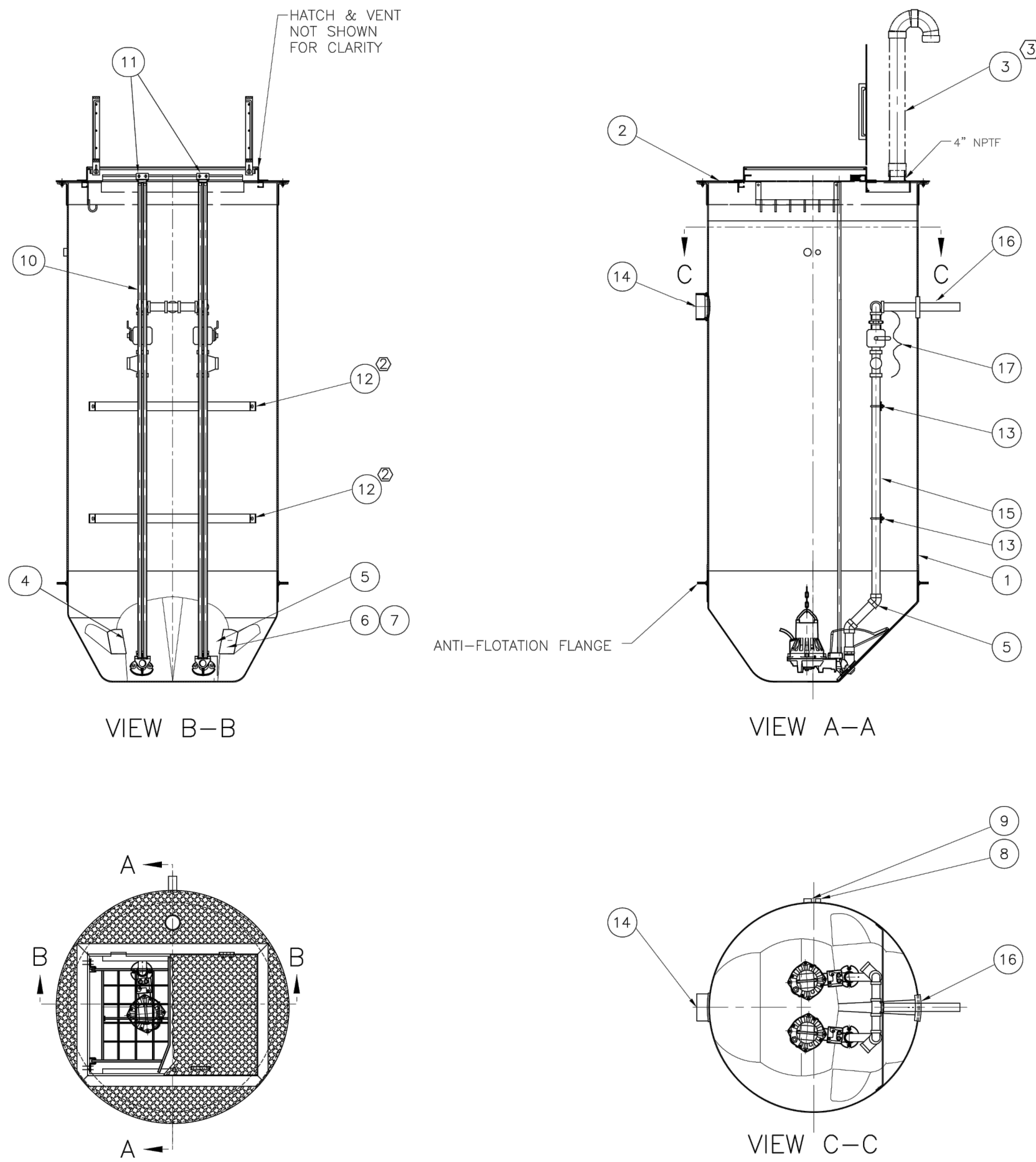
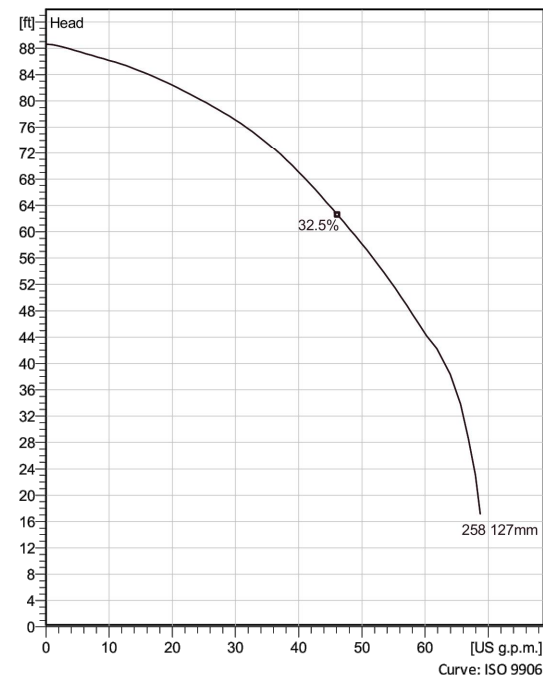
Stator housing material
Grey cast iron

Frequency
60 Hz

Number of poles
2

Rated current
3.8 A

Rated power
2.7 hp

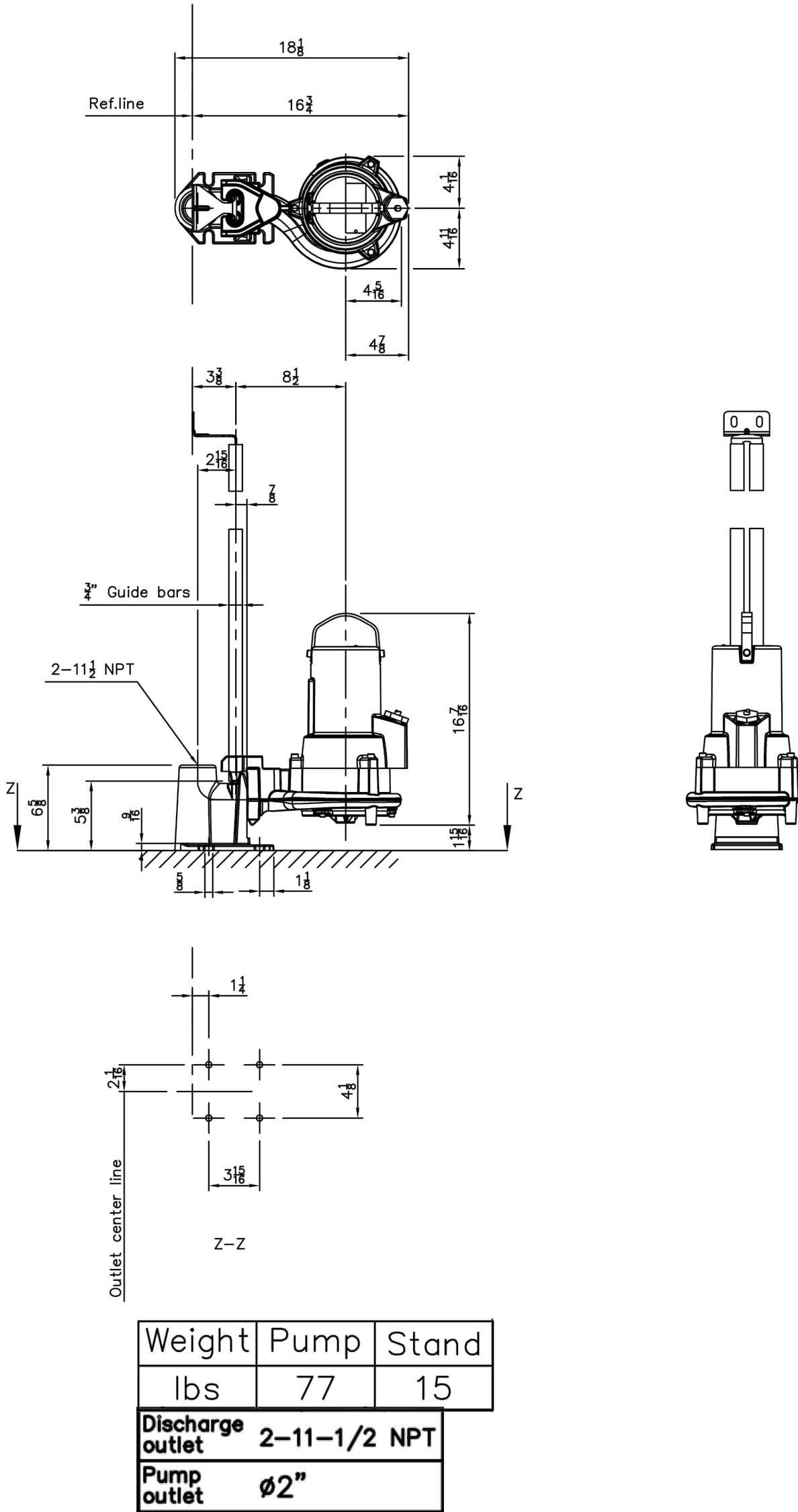


- NOTES:
1. STATION DEPTH: MIN 6ft., MAX 25ft. AVAILABLE IN 1ft. INCREMENTS.
 2. ALL BOLT PENETRATIONS THRU WALLS MUST BE SEALED WITH SILICONE SEALANT.
 3. OPTIONAL PVC CANDY CANE STYLE VENT SHOWN. MUSHROOM STYLE VENT ALSO AVAILABLE.

17	2" THREADED VALVING KIT		2
16	PIPING KIT, 2"		1
15	PIPE, 2", SCH 40, PVC SST		(4x) ft
14	HUB		1
* 13	U-BOLT 3/8-16 OD 2-1/2, 2" PIPE	29605T6	4
12	BRACING, DISCHARGE PIPE		2
11	UPPER GUIDE BAR KIT, 3/4"		2
10	GUIDE BAR, 3/4", 316 SST		4
9	SEAL, CABLE WALL, PUMP		1
8	SEAL, CABLE WALL, LEVEL SENSOR		1
* 7	WASHER, 1/8 ID, 1 1/2 OD, GENERAL PURPOSE, 316 SST	91950A036	4
* 6	NUT, 3/4-10, 316 SST	94805A135	4
* 5	PIPING KIT, JOG OVER FOR 2"		2
4	DISCHARGE CONNECTION, 2"	619 95 00	2
3	VENT PIPE, 4" (OPTIONAL)	14-68 22 02	1
2	COVER, 5'		1
1	BASIN/CYLINDER ASSEMBLY, 5'		1
ITEM	DESCRIPTION	PART NUMBER	QTY
UNLESS OTHERWISE NOTED:			
MACHINE TOLERANCE ON:			
WHOLE AND FRACTIONS ± 1/32			
1 PLACE DEC. ± 0.1			
2 PLACE DEC. ± 0.02			
3 PLACE DEC. ± 0.005			
ANGLES ± 0.15°			
FABRICATION TOLERANCE ON:			
UP TO 12" ± 1/32			
OVER 12" TO 48" ± 1/16			
OVER 48" TO 120" ± 1/8			
OVER 120" ± 3/16			
ANGLES ± 0.5°			

LIFT STATION NOTES:

1. WET WELL - 5' DIAMETER
2. LIFT STATION - DUPLEX SYSTEM WITH INTERNAL VALVES AS PROVIDED BY XYLEM OR APPROVED EQUAL. PROVIDE MUSHROOM STYLE VENT. PROVIDE COUNTERWEIGHT CONCRETE BALLAST AS REQUIRED.
3. PUMPS - FLYGT MP 3069 HT 3-258 OR APPROVED EQUAL.
4. PROVIDE ALARM PANEL, TANK ALERT XT ALARM SYSTEM BY SJE RHOMBUS OR APPROVED EQUAL, MOUNTED ON OUTDOOR RATED ELECTRICAL RACK SYSTEM. ELECTRICAL RACK - 1.5" DIA. GALVANIZED METAL SUPPORT POSTS EMBEDDED IN CONCRETE WITH POSTS CAPS, UNISTRUT MOUNTING BARS, STAINLESS STEEL HARDWARE, OR APPROVED EQUAL SYSTEM.
5. LIFT STATION SHALL BE APPROVED THROUGH THE SHOP DRAWING REVIEW PROCESS.
6. ALL COMPONENTS SHALL BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS.
7. SET WET WELL ON 12-INCH THICK NO. 57 STONE BEDDING AND BACKFILL IN LIFTS COMPACTED TO 95% OF MAXIMUM STANDARD PROCTOR DENSITY.



Weight	Pump	Stand
lbs	77	15
Discharge outlet	2-11-1/2 NPT	
Pump outlet	ø2"	

LIFT STATION AND GRINDER PUMP DETAILS
N.T.S.

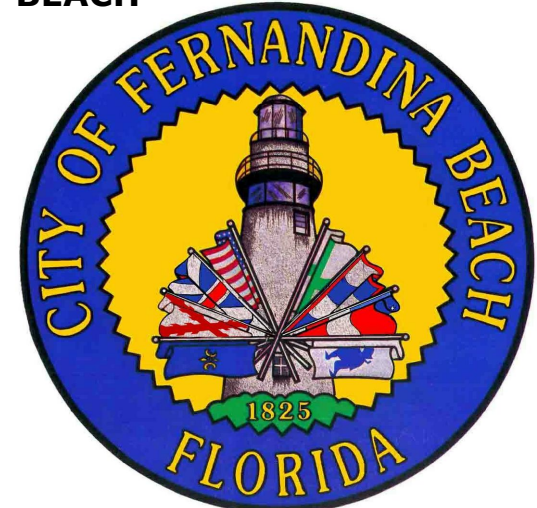
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Stamp:



Client:

CITY OF FERNANDINA BEACH



204 Ash Street
Fernandina Beach, FL 32034

Passero Associates

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Principal in Charge
Project Manager
Designed by
Bradley Wentz, PE
Christopher Nardone, AIA
Pamela Torres

No.	Date	By	Description

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UTILITY
DETAILS

600 AIRPORT ROAD

FERNANDINA FIRE STATION
NO.2

Town/City: Fernandina Beach
County: Nassau State: Florida

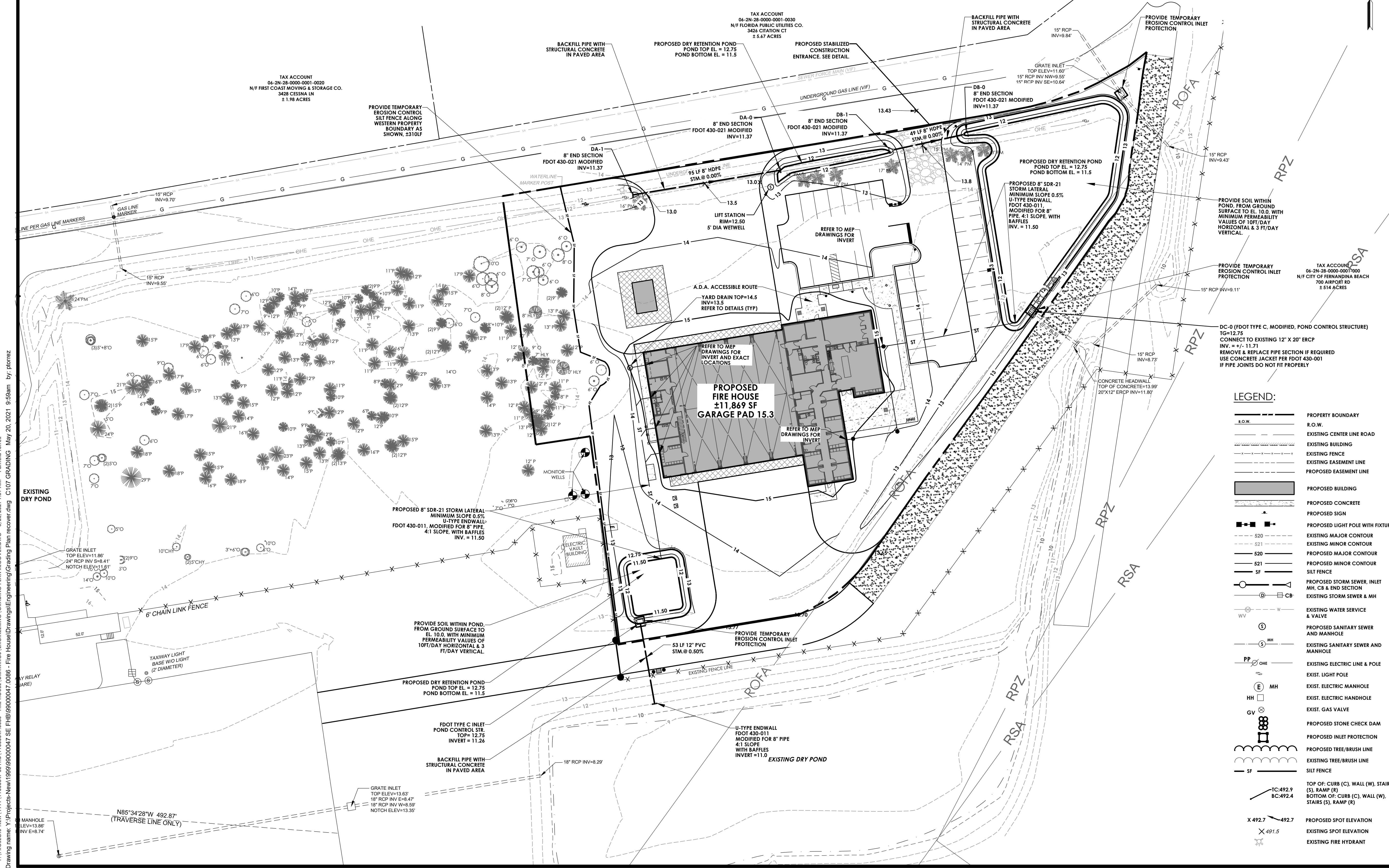
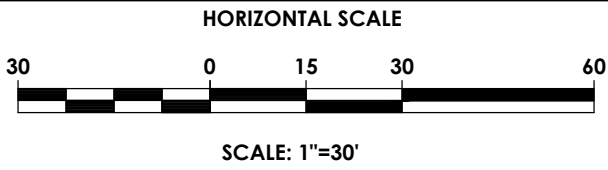
Project No.:
99000047.0086

Drawing No.:
C-303

Date:
May 20 2021

EROSION CONTROL NOTES:

1. SOD ALL DISTURBED AREAS.
2. PROVIDE TEMPORARY EROSION CONTROL SILT FENCE (AS SHOWN). PROVIDE TEMPORARY EROSION CONTROL INLET PROTECTION ON PROPOSED INLETS TO PREVENT ACCUMULATION OF SEDIMENT IN STORM SEWER SYSTEMS AND DRAINAGE PONDS/SWALES.
3. TEMPORARY EROSION CONTROL MEASURES SHALL REMAIN UNTIL TURF IS ESTABLISHED SEE STORMWATER POLLUTION PREVENTION PLAN DETAIL FOR FURTHER EROSION CONTROL INFORMATION.



LEGEND:

- PROPERTY BOUNDARY
- R.O.W.
- EXISTING CENTER LINE ROAD
- EXISTING BUILDING
- EXISTING FENCE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- PROPOSED BUILDING
- PROPOSED CONCRETE
- PROPOSED SIGN
- PROPOSED LIGHT POLE WITH FIXTURE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- SILT FENCE
- PROPOSED STORM SEWER, INLET
- MH, CB & END SECTION
- EXISTING STORM SEWER & MH
- EXISTING WATER SERVICE & VALVE
- PROPOSED SANITARY SEWER AND MANHOLE
- EXISTING SANITARY SEWER AND MANHOLE
- EXISTING ELECTRIC LINE & POLE
- EXIST. LIGHT POLE
- EXIST. ELECTRIC MANHOLE
- EXIST. ELECTRIC HANDHOLE
- EXIST. GAS VALVE
- PROPOSED STONE CHECK DAM
- PROPOSED INLET PROTECTION
- PROPOSED TREE/BRUSH LINE
- EXISTING TREE/BRUSH LINE
- SILT FENCE
- TOP OF CURB (C), WALL (W), STAIRS (S), RAMP (R)
- PROPOSED SPOT ELEVATION
- EXISTING SPOT ELEVATION
- EXISTING FIRE HYDRANT

PA
PASSERO ASSOCIATES
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5/19/2021

Client:

CITY OF FERNANDINA BEACH



204 Ash Street
Fernandina Beach, FL 32034

Passero Associates

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Principal in Charge
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Christopher Nordone, AIA
Pamela Torres

No.	Date	By	Description

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**GRADING &
EROSION CONTROL
PLAN**

600 AIRPORT ROAD

**FERNANDINA FIRE STATION
NO.2**

Town/City: Fernandina Beach
County: Nassau State: Florida

Project No.:
99000047.0086

Drawing No.:
C-401

Date:
May 20 2021

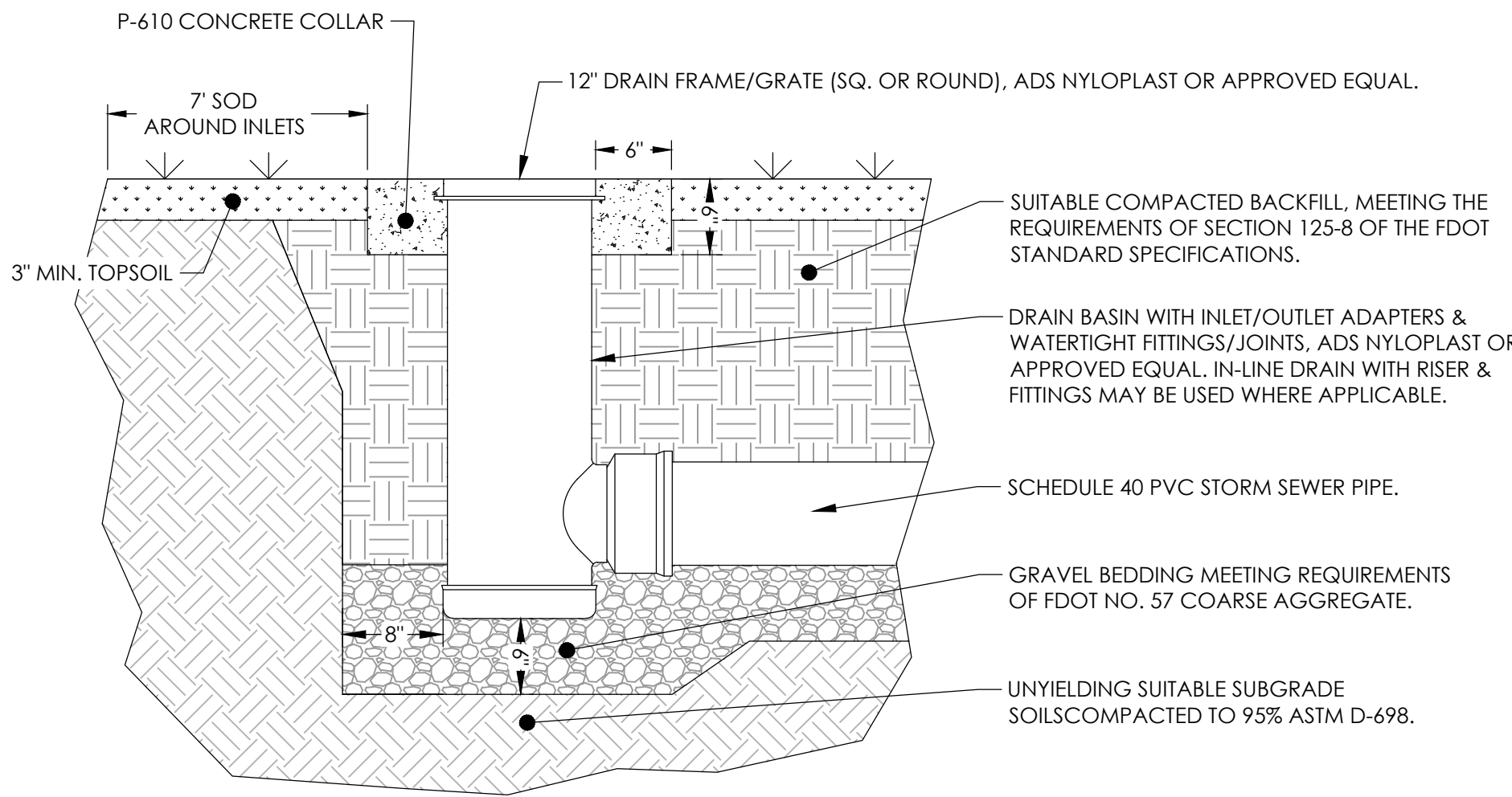
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Drawing name: Y:\Projects-New\1999\99000047 SE FHB\99000047.0086 - Fire House Drawings\Engineering\Grading Plan\recover.dwg C:\07 GRADING May 20, 2021 9:58am by plottraz

GENERAL NOTES FOR DRAINAGE STRUCTURE & PIPE INSTALLATION:

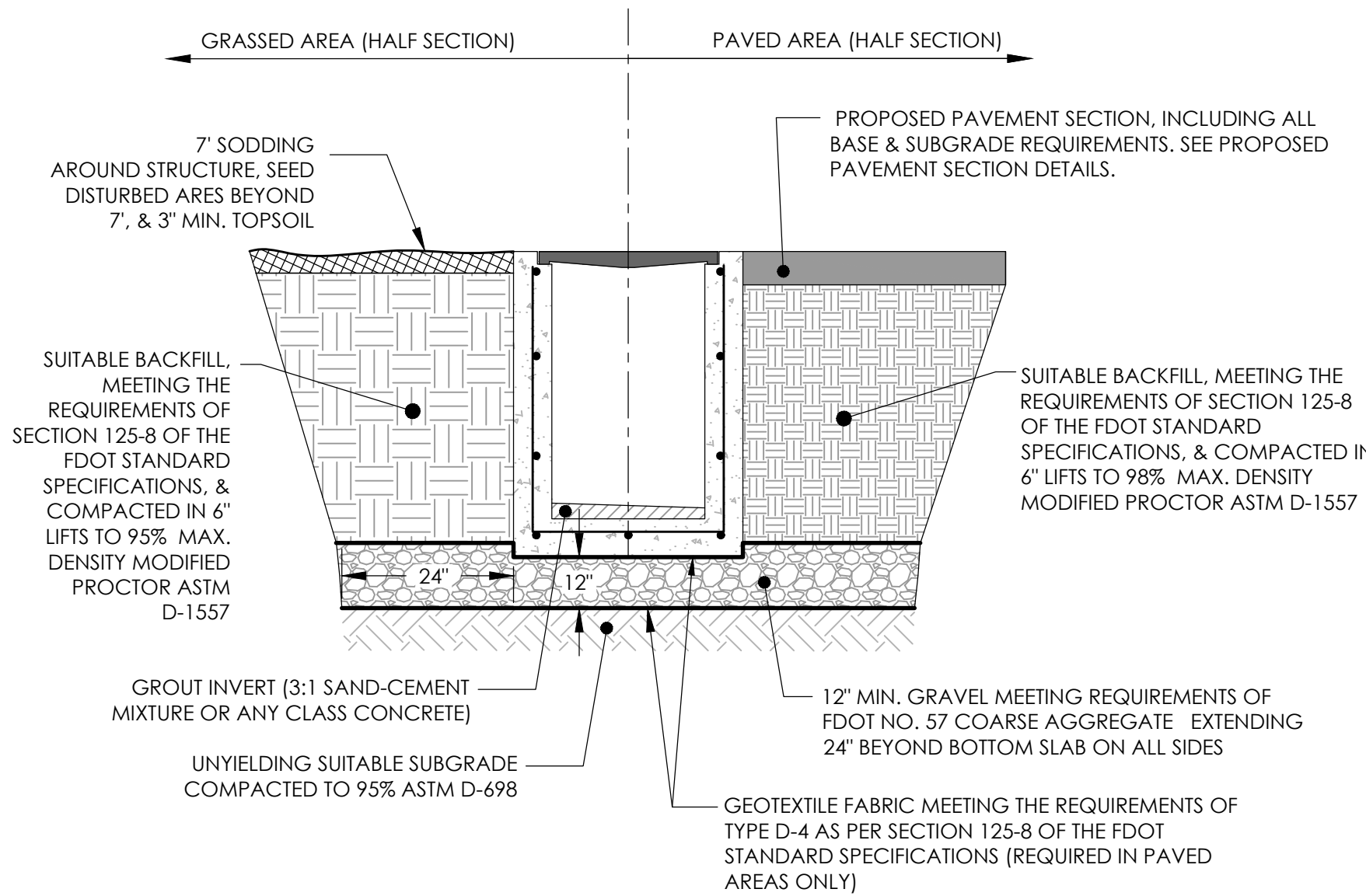
- TRENCH SHALL BE EXCAVATED TO A WIDTH SUFFICIENT TO PERMIT SATISFACTORY JOINING OF PIPE AND THOROUGH TAMPING OF BEDDING MATERIAL.
- IF UNSUITABLE OR UNYIELDING MATERIAL IS ENCOUNTERED AT PROPOSED DEPTH OF BOTTOM OF PIPE OR STRUCTURE, THEN THE MATERIAL SHALL BE UNDERCUT IN ACCORDANCE WITH PIPE EXCAVATION REQUIREMENTS ITEM D-701.
- DEWATER EXCAVATED TRENCH AS REQUIRED TO ALLOW FOR PROPER COMPACTION OF SOIL MATERIALS AND PROPER PLACEMENT OF PIPES AND STRUCTURES.
- PIPE BED SHALL BE SHAPED TO FIT THE PIPE AND SHALL HAVE RECESSES SHAPED TO RECEIVE THE BELL OF BELL AND SPIGOT PIPE, IF APPLICABLE.
- IF THE EXCAVATED MATERIAL IS UNSUITABLE FOR TRENCH BACKFILL IT SHALL BE REPLACED WITH AASHTO A-1 OR A-3 CLASSIFIED SOIL MATERIAL, OR OTHERWISE AS APPROVED BY THE ENGINEER.

FDOT DRAINAGE STRUCTURE NOTES:

- ALL STRUCTURES SPECIFIED AS FDOT STRUCTURES SHALL MEET THE REQUIREMENTS OF THE CURRENT FDOT DESIGN STANDARDS, INCLUDING THE INDICES LISTED BELOW, WITH MODIFICATIONS AS SHOWN IN THE DETAILS & SPECIFIED IN THE PLANS.
 - ALL STRUCTURES SPECIFIED AS FDOT TYPE J & P BOTTOM INLET & MANHOLE STRUCTURES SHALL MEET THE REQUIREMENTS OF INDEX 200 & INDEX 201. SLAB & WALL DIMENSIONS AND REINFORCEMENT SHALL BE PER FDOT INDEX 200, EXCEPT WHERE OTHERWISE SPECIFIED.
 - ALL DITCH BOTTOM INLET STRUCTURES SPECIFIED AS TYPE C, D, E, H, F & G; SHALL MEET THE RESPECTIVE REQUIREMENTS OF INDICES 232 AND 233.
 - ALL MITERED END SECTION STRUCTURES SHALL MEET THE RESPECTIVE REQUIREMENTS OF INDICES 272 AND 273, AS SPECIFIED.
- COST OF ALL BAR REINFORCEMENT SHALL BE INCLUDED IN THE PRICE BID FOR THE CORRESPONDING STRUCTURE. REINFORCEMENT SHALL HAVE A MINIMUM COVER OF 2" UNLESS OTHERWISE SHOWN.
- STRUCTURES TO BE APPROVED THROUGH SHOP DRAWING REVIEW PROCESS PRIOR TO FABRICATION.
- THE MISCELLANEOUS INSTALLATION REQUIREMENTS (SUCH AS FOR BEDDING, BACKFILL & COMPACTION) SHOWN IN THE FDOT DITCH BOTTOM INLET DETAIL, SHALL APPLY TO ALL FDOT DRAINAGE STRUCTURE INSTALLATIONS.

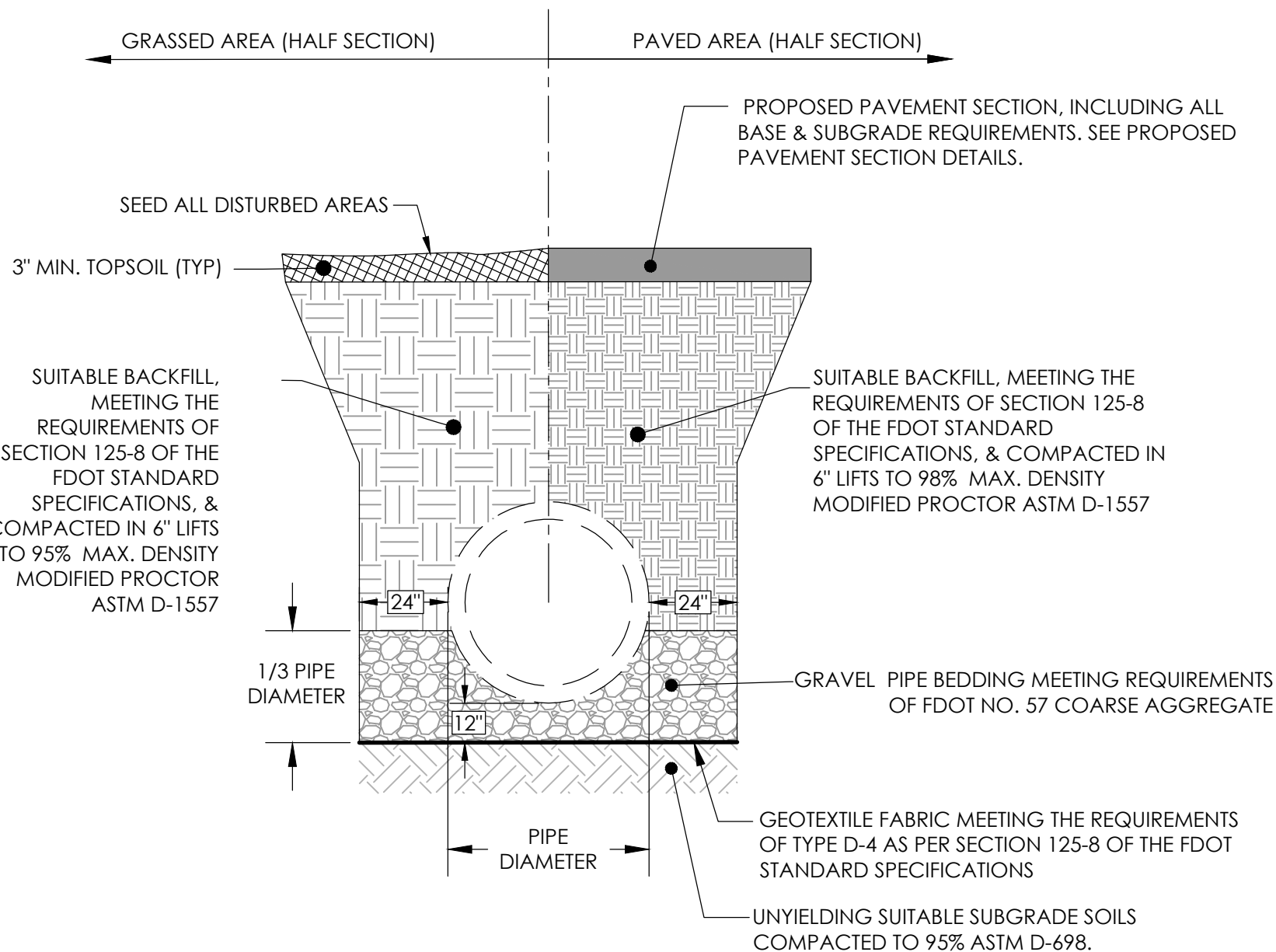


TYPICAL YARD DRAIN DETAIL
N.T.S.

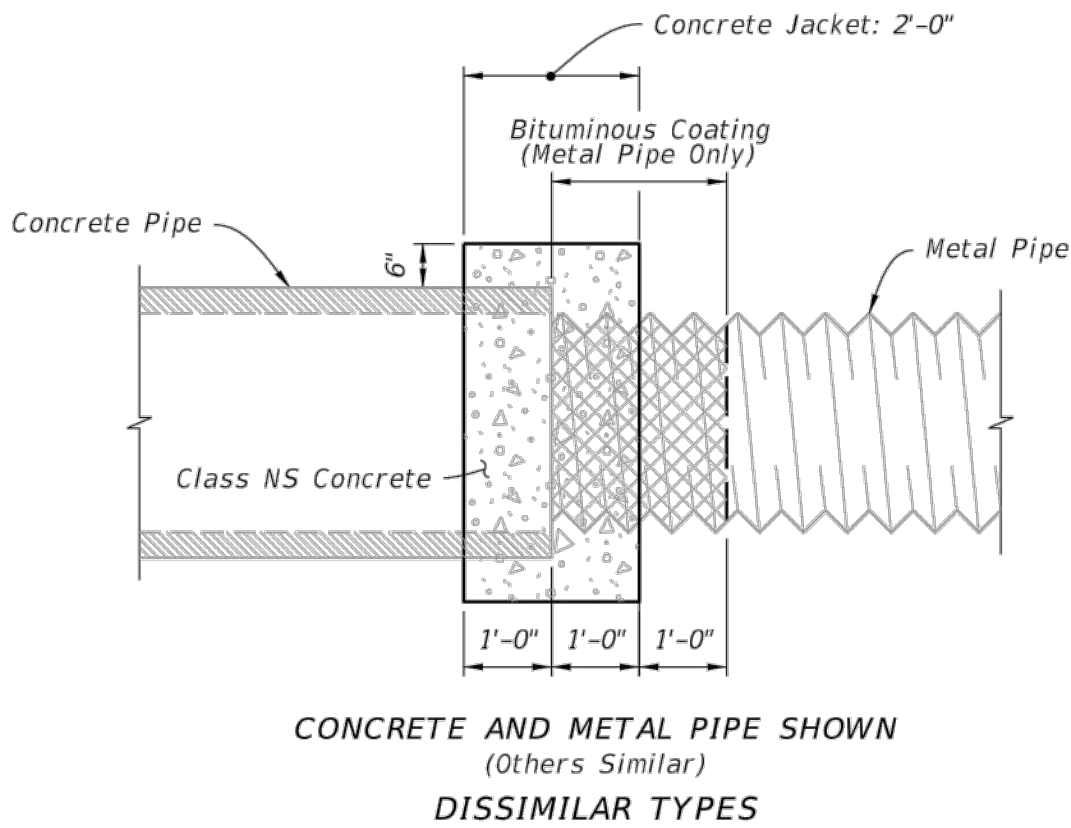
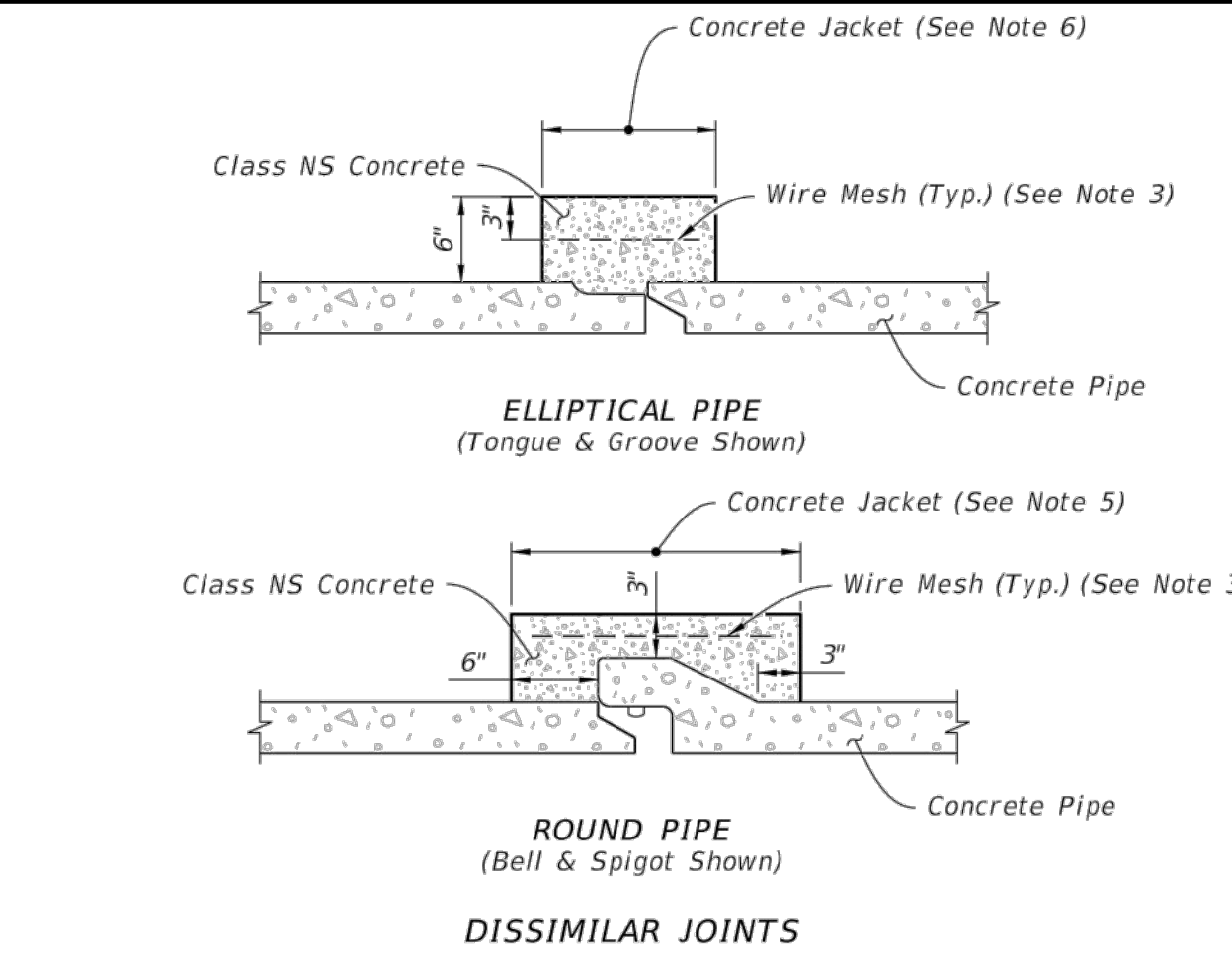
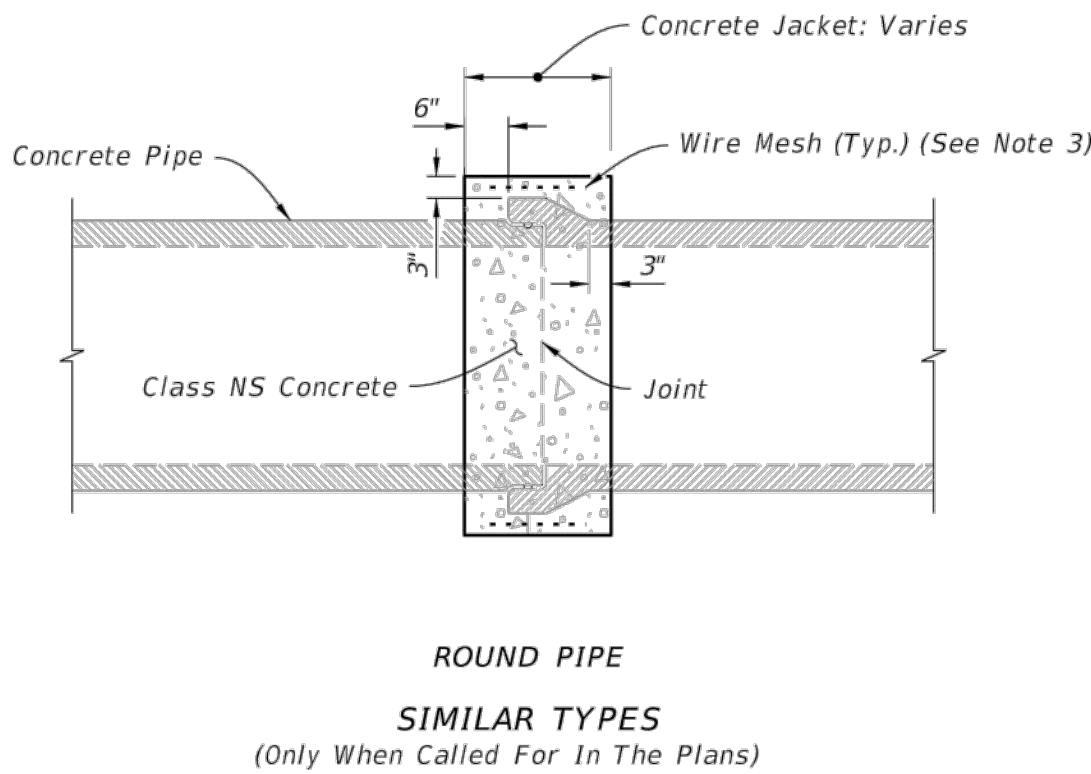
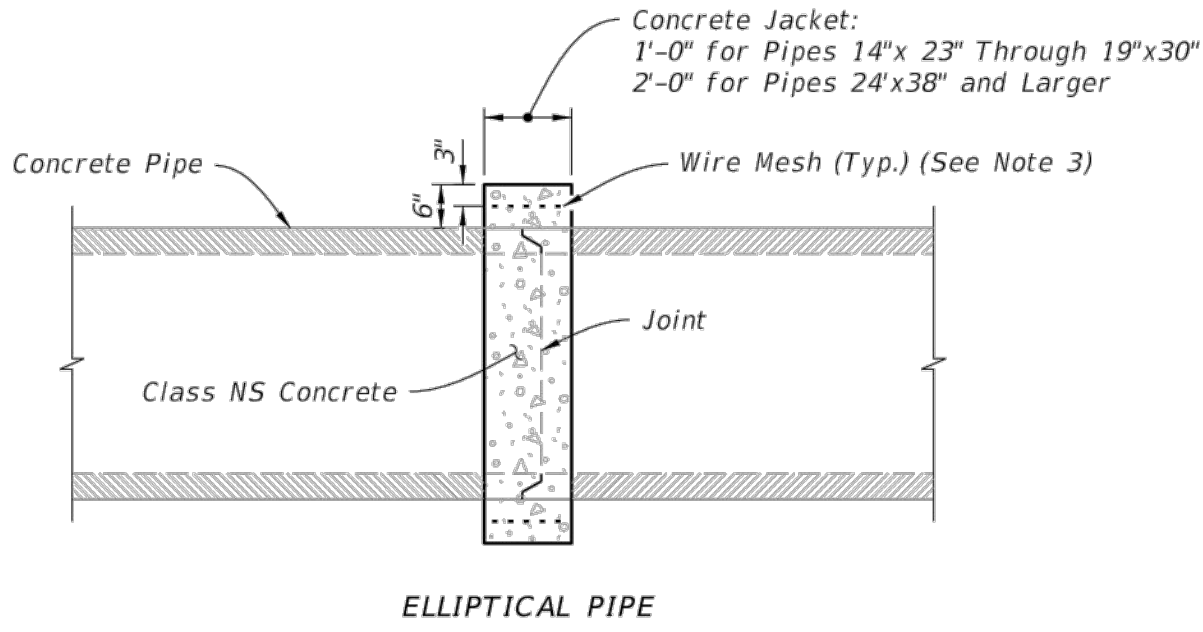


- NOTES:
- SEE FDOT DRAINAGE STRUCTURE NOTES.
 - PIPES NOT ILLUSTRATED.

PROPOSED FDOT DITCH BOTTOM INLET
N.T.S.



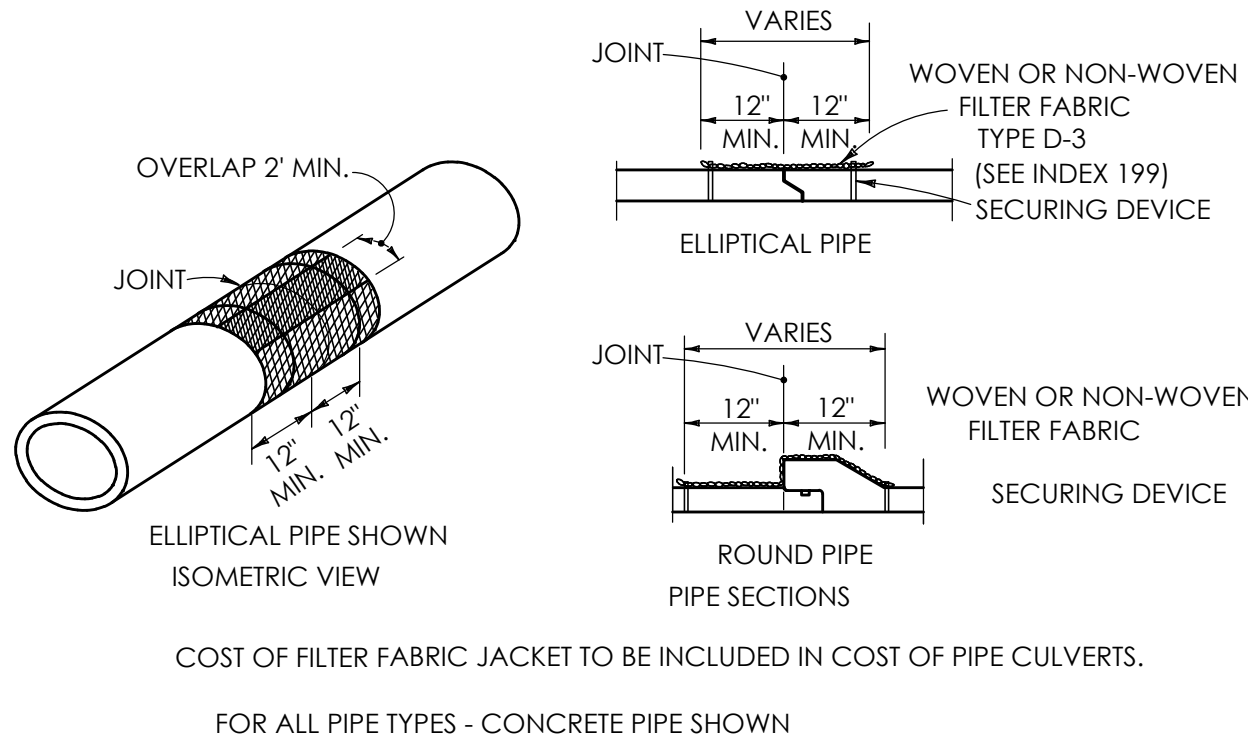
TYPICAL DRAINAGE PIPE INSTALLATION
N.T.S.



NOTES:

- Alternate connection must be approved by the Engineer.
- Install securing device in accordance with Specification 985.
- Any wire mesh arrangement which provides 0.126 square inches of steel area per linear foot both ways may be used, provided the wires are spaced a minimum of 2" and/or a maximum of 6" on centers.
- Do not use a concrete jacket to join dissimilar metal pipes.
- 12" for pipes 15" through 24"; 24" for pipes 30" and larger.
- 12" for pipes 14" x 23" through 19" x 30"; 24" for pipes 24" x 38" and larger.

CONCRETE JACKET FOR NON-STANDARD JOINING OF PIPES
N.T.S.



FILTER FABRIC JACKET
N.T.S.

PA

PASSERO ASSOCIATES
engineering architecture

PROMUS

TRC SET

Stamp:



Client:

CITY OF FERNANDINA
BEACH



204 Ash Street
Fernandina Beach, FL 32034

Passero Associates

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St. Augustine, FL

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Project Manager
Designed by

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Christopher Nordone, AIA
Pamela Torrez

No.	Date	By	Description

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DRAINAGE
DETAILS

600 AIRPORT ROAD

FERNANDINA FIRE STATION
NO. 2

Town/City: Fernandina Beach
County: Nassau State: Florida

Project No.:

99000047.0086

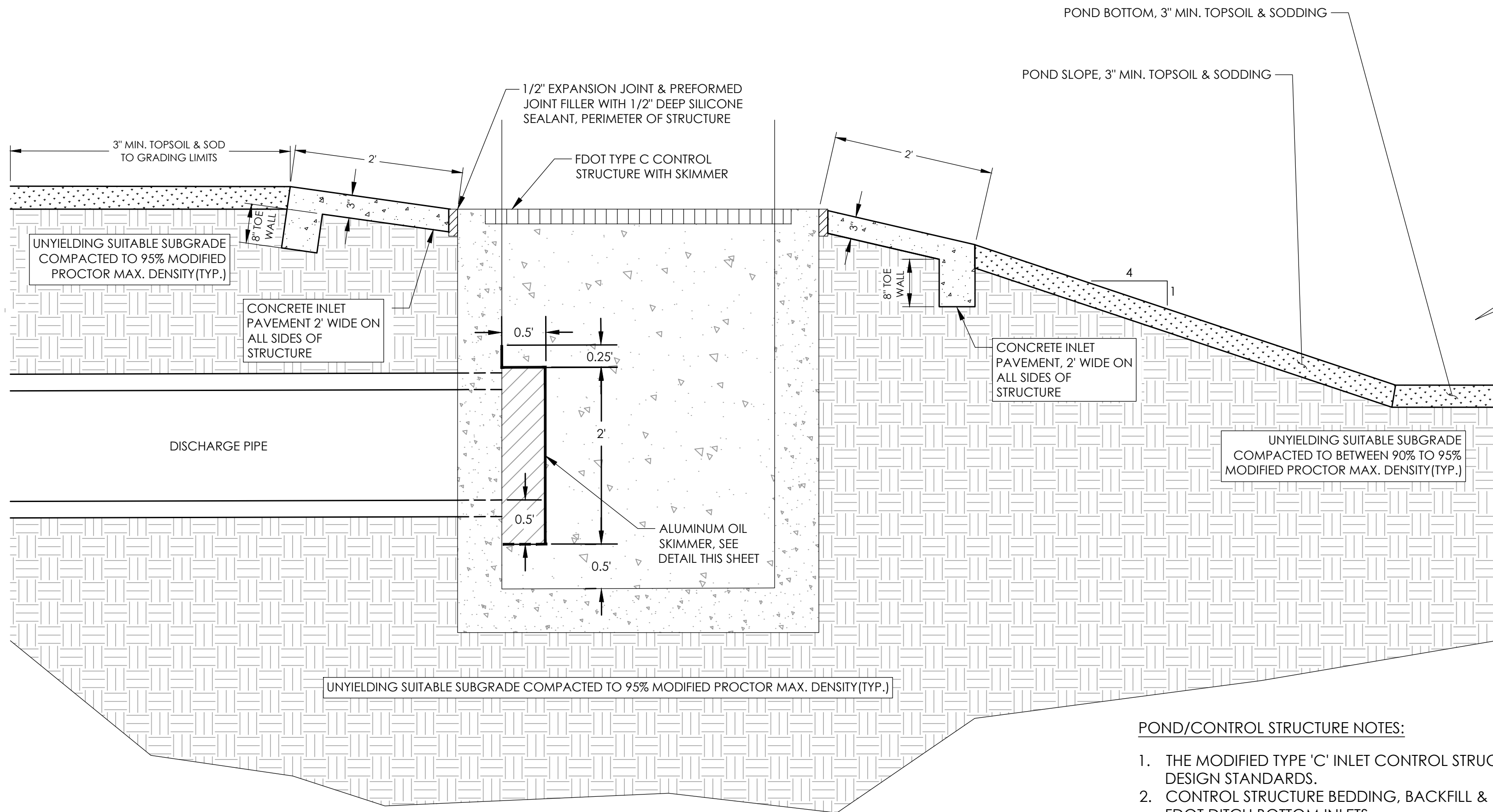
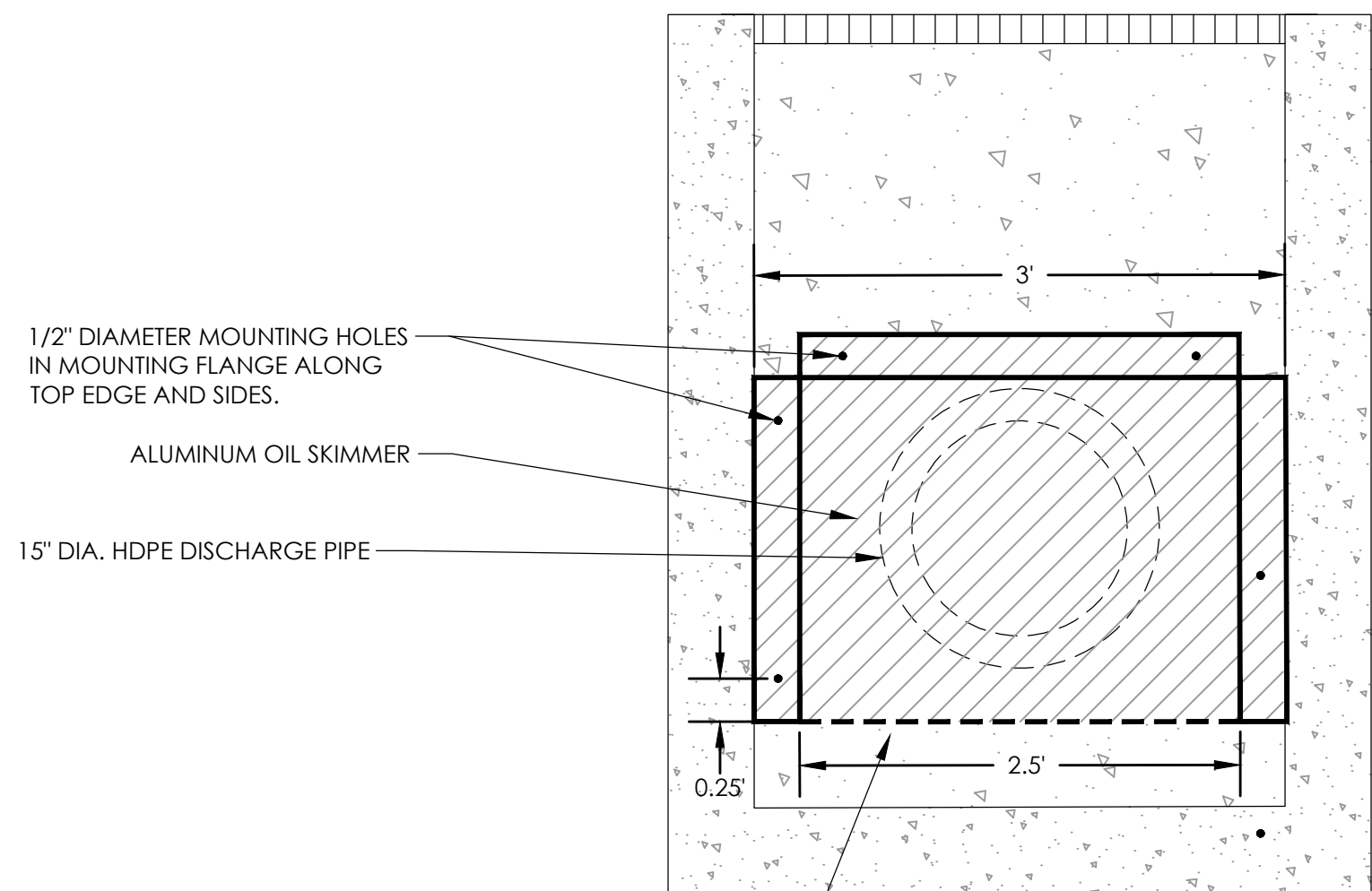
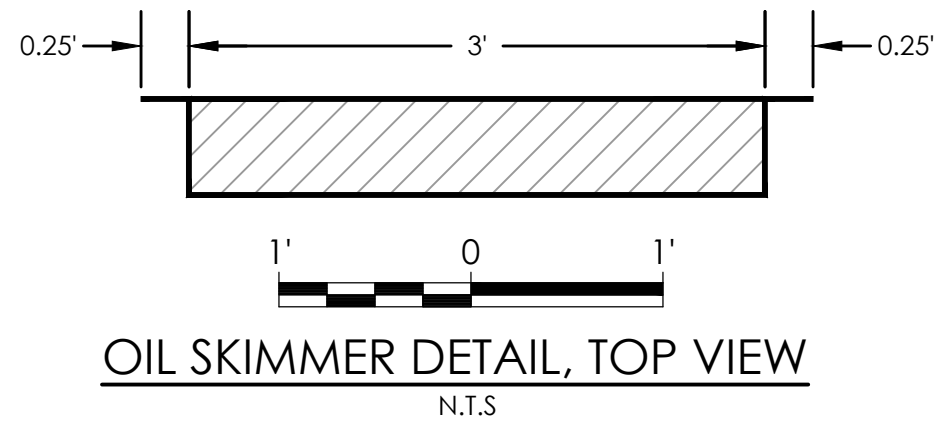
Drawing No.:

C-402

Date:

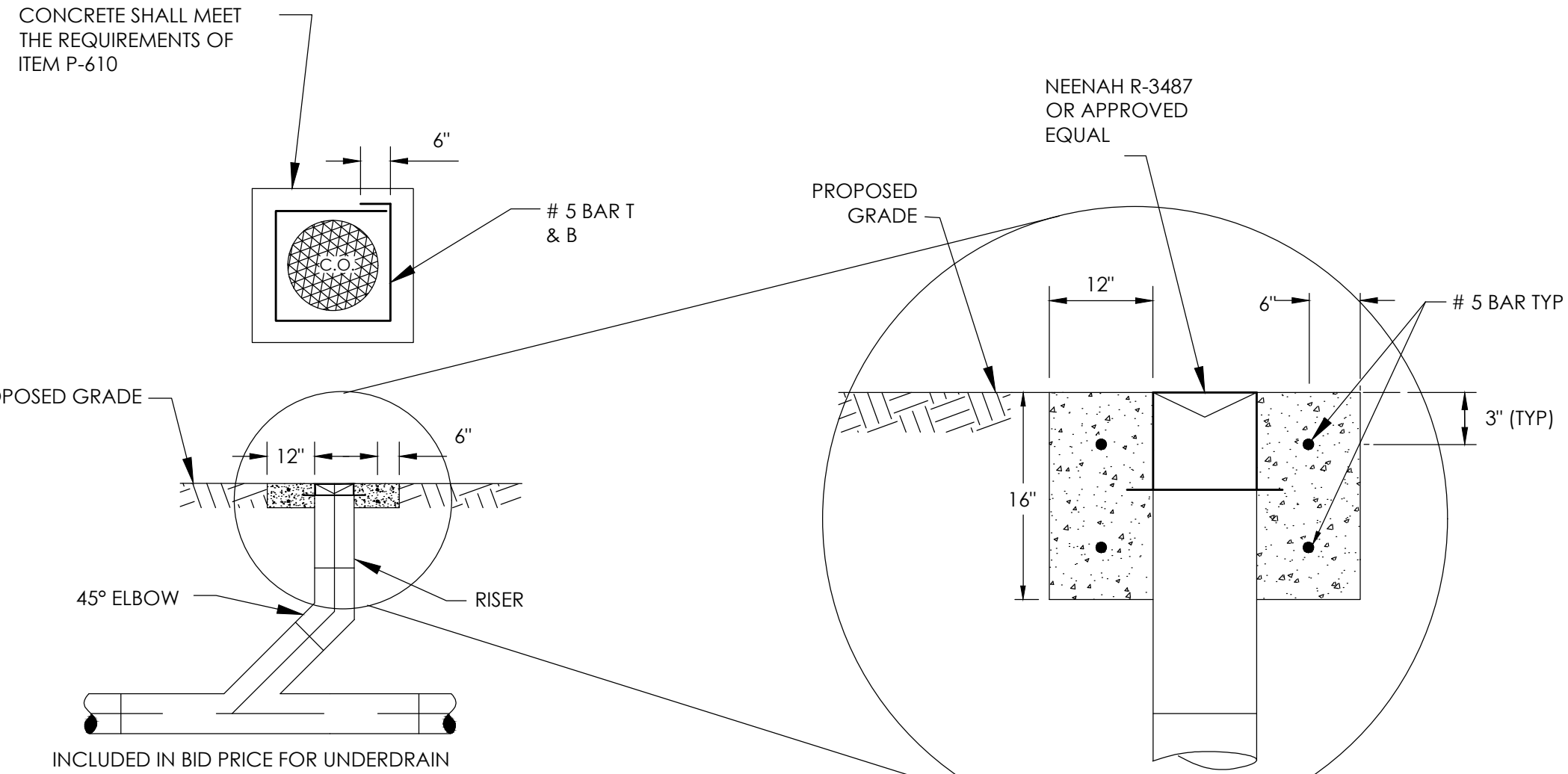
May 20 2021

Y:\PROJECTS-NEW\1999\9900047-SE-FHB\9900047-0086 - FIRE HOUSE DRAWINGS\ENGINEERING\FLORIDA\SP\DETAIL SHEET.DWG 5/19/2021 2:19 PM Pamela Torres
Drawing name: Y:\Projects-New\1999\9900047-SE-FHB\9900047-0086 - Fire House Drawings\Engineering\FLORIDA\SP\Detail Sheet.dwg C403 May 19, 2021 2:19pm by: ptores



POND/CONTROL STRUCTURE NOTES:

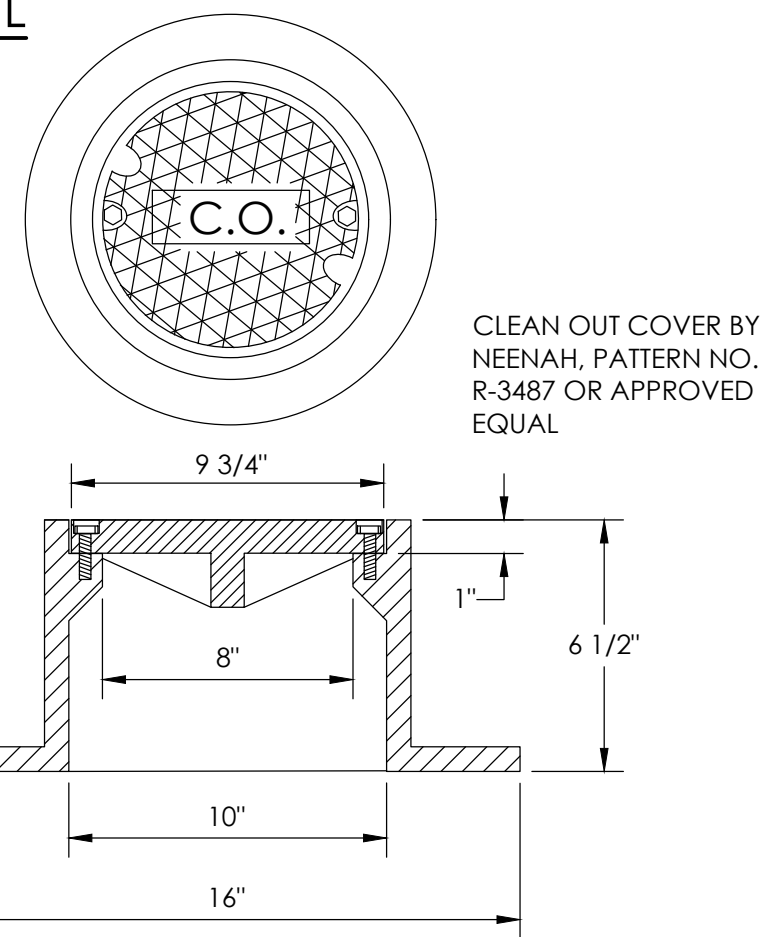
1. THE MODIFIED TYPE 'C' INLET CONTROL STRUCTURE SHALL MEET THE REQUIREMENTS OF THE FDOT DESIGN STANDARDS.
2. CONTROL STRUCTURE BEDDING, BACKFILL & INSTALLATION SHALL BE AS DETAILED & SPECIFIED FOR FDOT DITCH BOTTOM INLETS.
3. ALUMINUM OIL SKIMMER TO BE CONSTRUCTED OF SHOP BENT OR WELDED 1/8" THICK ALUMINUM & FASTENED TO CONCRETE STRUCTURE WITH STAINLESS STEEL FASTENER HARDWARE PER DETAILS.
4. THE COST OF ALL BAR REINFORCEMENT SHALL BE INCLUDED IN THE PRICE BID FOR THE CORRESPONDING STRUCTURE. REINFORCEMENT SHALL HAVE A MIN. COVER OF 2" UNLESS OTHERWISE SHOWN.
5. STRUCTURES TO BE APPROVED THROUGH SHOP DRAWING REVIEW PROCESS PRIOR TO FABRICATION.
5. POND EXCAVATION AND EMBANKMENT SHALL BE PER THE TECHNICAL SPECIFICATIONS.



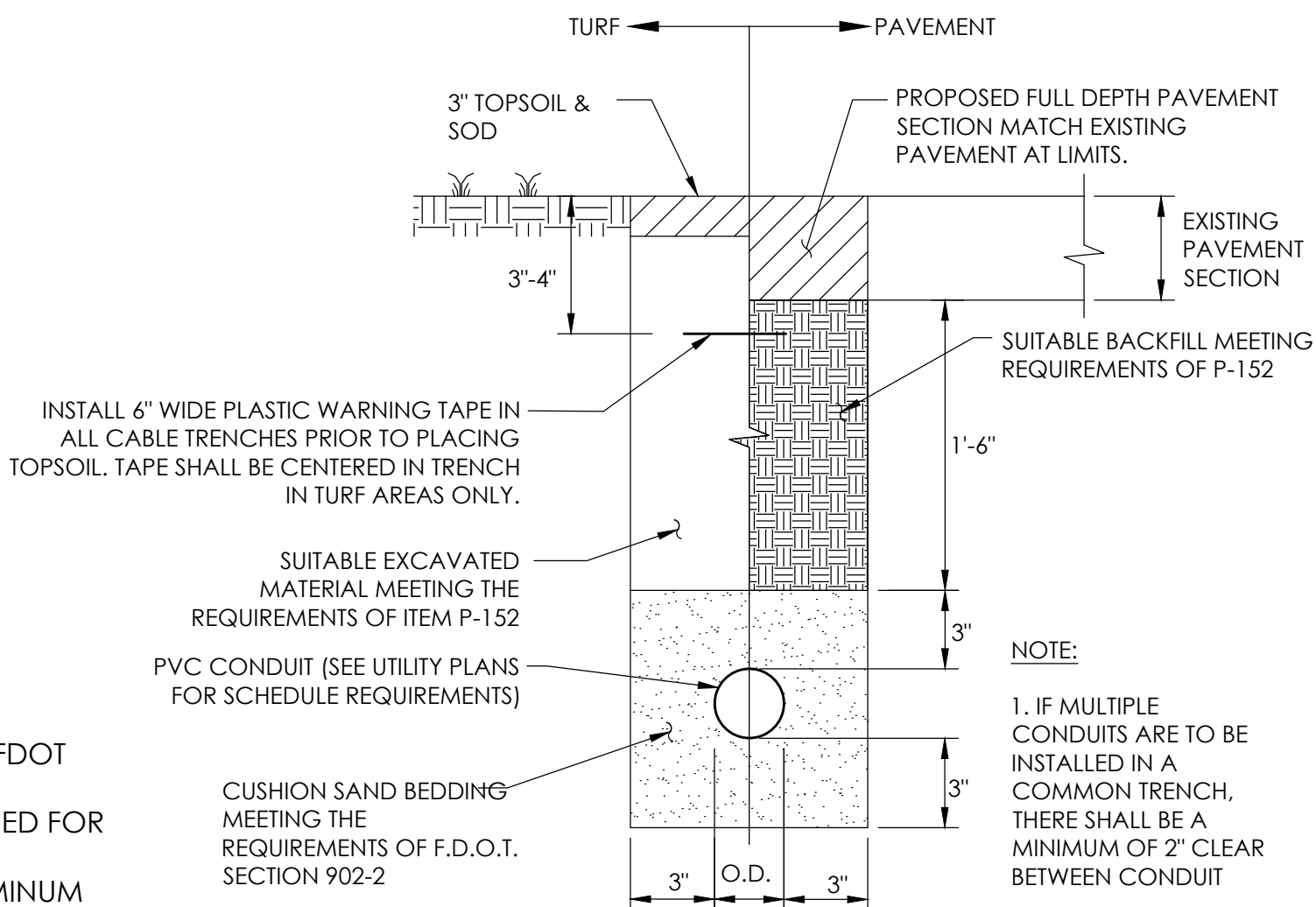
UNDERDRAIN MAINTENANCE NOTE:

1. THE OWNER SHALL FLUSH THE UNDERDRAIN SYSTEM WITHIN 2 YEARS OF CONSTRUCTION COMPLETION AND SHALL CONTINUE A REGULAR MAINTENACE SCHEDULE OF FLUSHING THE SYSTEM EVERY 2 YEARS. SUBSEQUENT MAINTENANCE INTERVALS MAY BE ADJUSTED BASED ON OBSERVATIONS OF THE RATE OF ACCUMULATION OF DEBRIS IN THE UNDERDRAIN SYSTEM.

STORM CLEANOUT DETAIL
N.T.S.



CLEANOUT COVER DETAIL
N.T.S.



NOTES:

1. CONDUIT INSTALLATION PER FPUC DESIGN REQUIREMENTS.

TYPICAL CONDUIT DETAIL
N.T.S.

TRC SET

Stamp:



Client:

CITY OF FERNANDINA
BEACH



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Fernandina Beach, FL 32034

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Project Manager
Designed by

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Christopher Nordone, AIA
Pamela Torres

No.	Date	By	Description

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DRAINAGE
DETAILS

600 AIRPORT ROAD

FERNANDINA FIRE STATION
NO. 2

Town/City: Fernandina Beach
County: Nassau State: Florida

Project No.:

99000047.0086

Drawing No.:

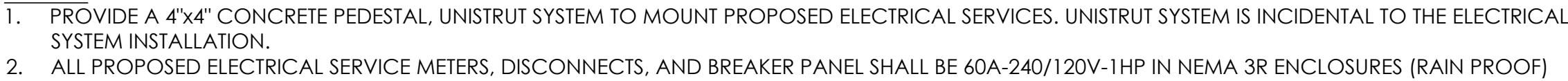
C-403

Date:

May 20 2021

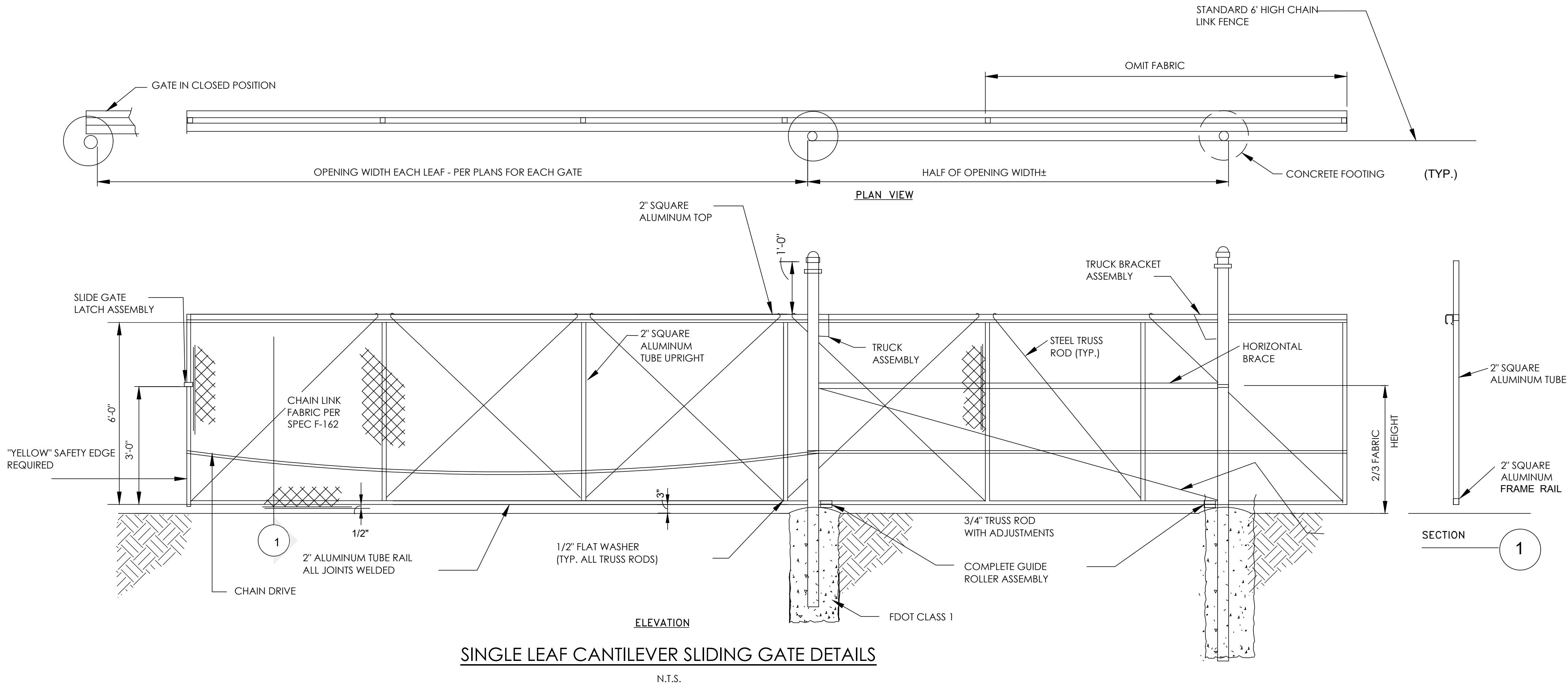


1. ALL FRAME MEMBERS SHALL BE HOT-DIPPED GALVANIZED STEEL MEETING THE REQUIREMENTS OF ASTM F-1083 WITH A 2 OZ/SF ZINC COATING.
2. ALL FABRIC SHALL BE WOVEN WITH A 9-GAUGE GALVANIZED STEEL WIRE IN A 2" MESH WITH 2 OZ/SF ZINC COATING IN ACCORDANCE WITH ASTM A 392, CLASS 2.
3. PULL POSTS SHALL BE USED AT BREAKS IN VERTICAL GRADES OF 15° OR MORE, OR AT APPROXIMATELY 350' CENTERS. CORNER POSTS ARE TO BE INSTALLED AT ALL HORIZONTAL BREAKS IN FENCE AT 15° OR MORE AND AS REQUIRED AT VERTICAL BREAKS OVER 15° AS DETERMINED BY THE ENGINEER.
4. INSTALLING FABRIC: THE WIRE FABRIC SHALL BE FIRMLY ATTACHED TO THE POSTS AND BRACED IN THE MANNER SHOWN ON THE PLANS. ALL WIRE SHALL BE STRETCHED TAUT AND SHALL BE INSTALLED TO THE REQUIRED ELEVATIONS. THE FENCE SHALL GENERALLY FOLLOW THE CONTOUR OF THE GROUND, WITH THE BOTTOM OF THE FENCE FABRIC NO LESS THAN 1" OR MORE THAN 4" FROM THE GROUND SURFACE. GRADING SHALL BE PERFORMED WHERE NECESSARY. AT LOCATIONS OF SMALL NATURAL SWALES OR DRAINAGE DITCHES AND WHERE IT IS NOT PRACTICAL TO HAVE THE FENCE CONFORM TO THE GENERAL CONTOUR OF THE GROUND SURFACE, LONGER POSTS MAY BE USED AND MULTIPLE STRANDS OF BARBED WIRE STRETCHED THEREON TO SPAN THE OPENING BELOW THE FENCE (SEE FENCE DITCH CROSSING DETAIL). THE VERTICAL CLEARANCE BETWEEN STRANDS OF BARBED WIRE SHALL BE 6 INCHES OR LESS.
5. AT THE CONTRACTOR'S OPTION, CONCRETE POST FOUNDATIONS MAY BE SET WITH OUTSIDE EDGE FLUSH WITH FINISHED GROUND; & CROWNED TO DRAIN.
6. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL MISCELLANEOUS HARDWARE AND FITTINGS REQUIRED TO PROVIDE A COMPLETE FENCE, EVEN IF NOT SPECIFICALLY IDENTIFIED IN THE PLANS OR SPECIFICATIONS.
7. THE PROPOSED FENCE & GATE ASSEMBLIES SHALL BE APPROVED THROUGH THE SHOP DRAWING REVIEW PROCESS PRIOR TO FABRICATION.



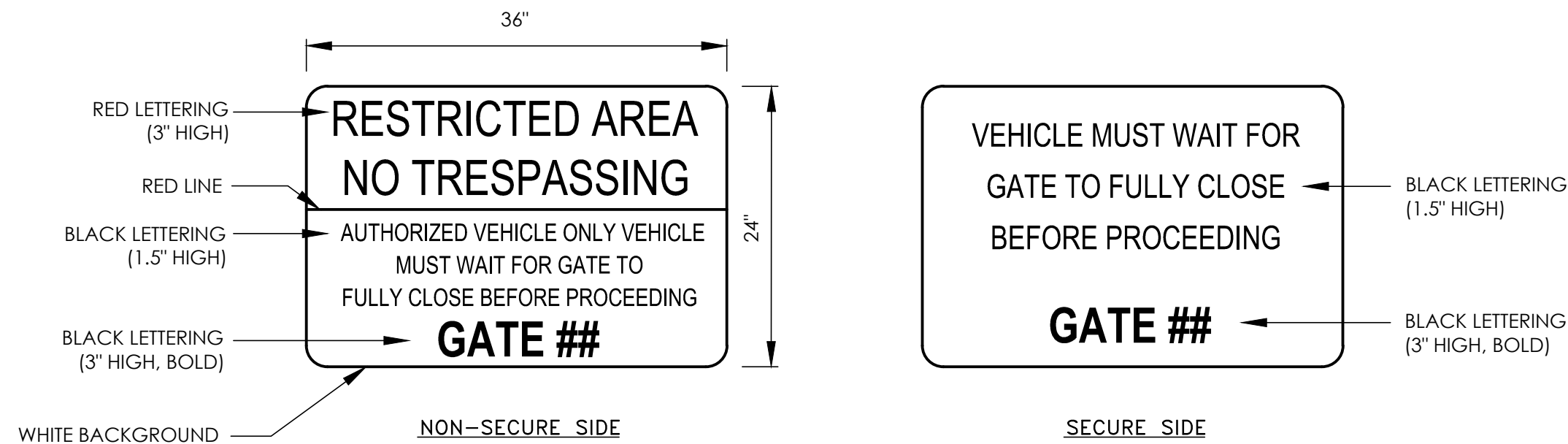
N.T.S

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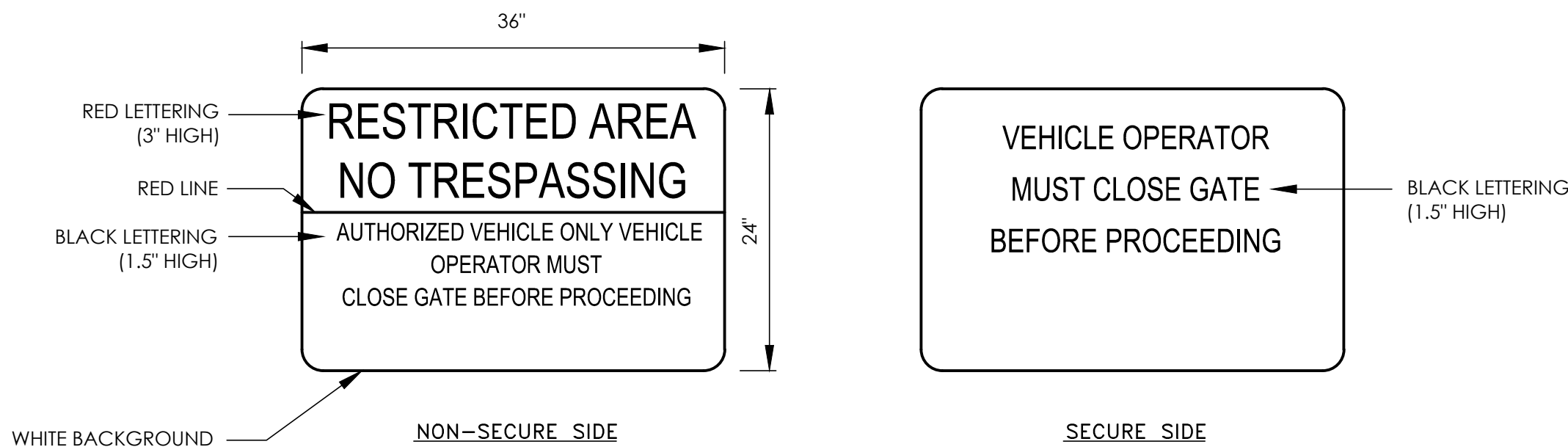
GATE NOTES

1. GATE LEAFS SHALL BE INSTALLED AS DETAILED ON THE CONTRACT PLANS.
2. WELDS ON FRAMES SHALL BE GROUND SMOOTH.
3. GATES SHALL MEET FAA SPEC. F-162.
4. INSTALLATION SHALL MEET FAA SPEC. F-162
5. WHEN BARBED WIRE EXTENSION ARMS ARE SPECIFIED FOR FENCE THE GATE POSTS SHALL BE EXTENDED 12" MINIMUM ABOVE THE TOP OF THE FENCE FABRIC FOR TERMINATING THE BARBED WIRE.
6. GATE MOTORS SHALL BE INSTALLED IN SECURE AREA AS PER MANUFACTURER INSTUCTIONS UNLESS NOTED OTHERWISE.
7. GATE OPERATORS SHALL BE ELITE SL3000UL1HP, 1 FT/SEC. CHAIN DRIVE OPERATOR WITH UPS BACKUP.
8. GATE MOTOR SHALL BE GROUNDED TO ITS OWN 5/8" x 8" COPPER GROUND ROD.
9. SINGLE LEAF CANTIVELER SLIDIGN GATE CURRENTLY EXISTING ON SITE SHALL BE REUSED. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OTHER MATERIALS REQUIRED FRO A COMPLETE FUCTIONING SECURITY GATE.
10. SLIDING GATE (PROVIDED BY OWNER) EXISTING ON SITE. CONTRACTOR TO VERIFY IN FIELD. SLIDING GATE TO BE USED FOR NEW GATE.



GATE SIGN TYPE "A" DETAIL (AUTOMATIC GATES)

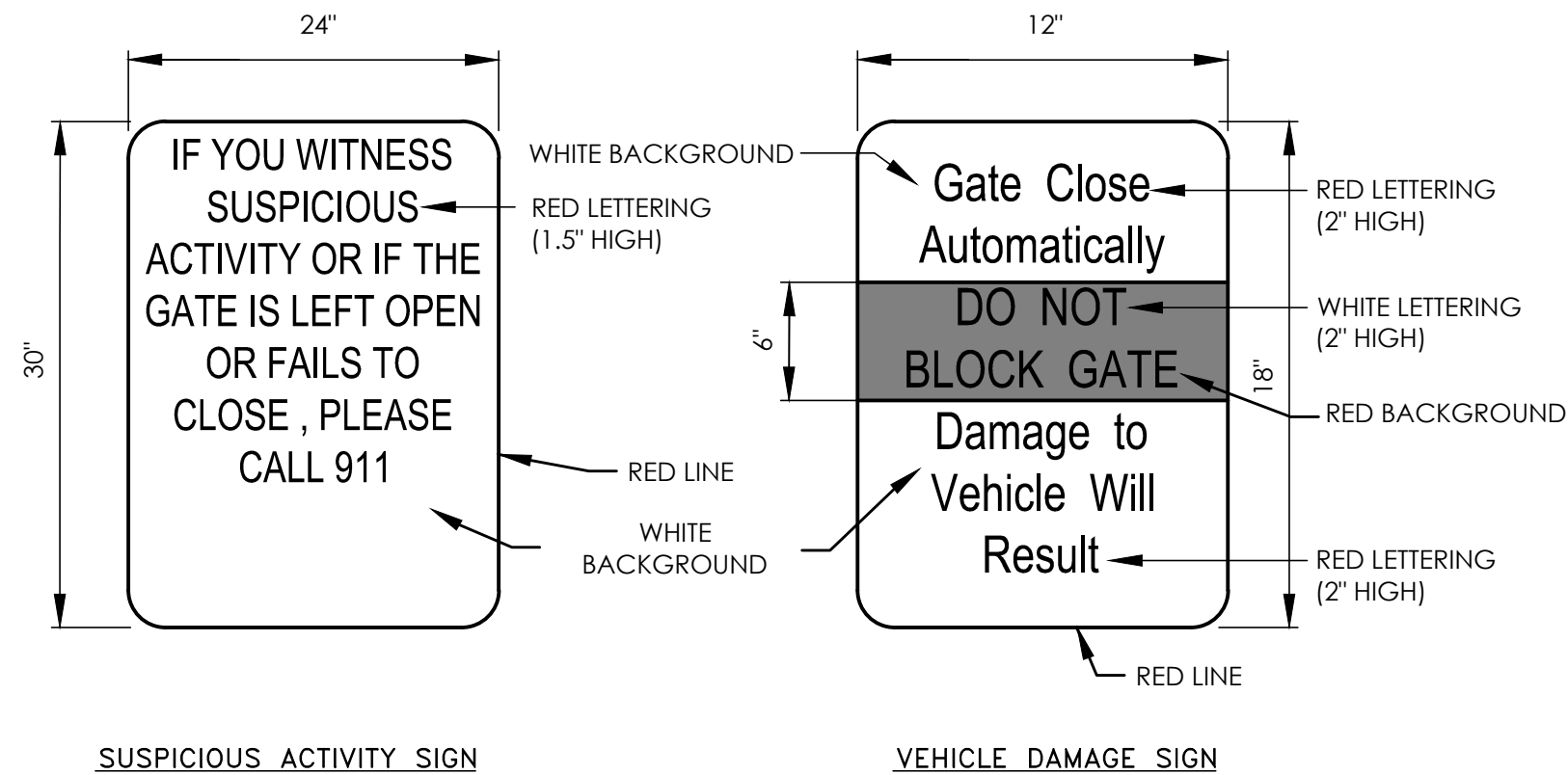
N.T.S.



GATE SIGN TYPE "C" DETAIL (MANUAL GATES)

N.T.S.

ALL PROPOSED SIGNS SHALL BE RETROREFLECTIVE, 0.08" THICK ALUMINUM WITH ROUNDED EDGES (1.5" RADIUS TYP.)



TRC SET

Stamp:



Client:

CITY OF FERNANDINA BEACH



204 Ash Street
Fernandina Beach, FL 32034

Passero Associates

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Principal in Charge
Project Manager
Designed by

Bradley Wentz, PE
Christopher Nardone, AIA
Pamela Torres

No.	Date	By	Description

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GATE DETAILS

600 AIRPORT ROAD

FERNANDINA FIRE STATION NO.2

Town/City: Fernandina Beach
County: Nassau State: Florida

Project No.:

99000047.0086

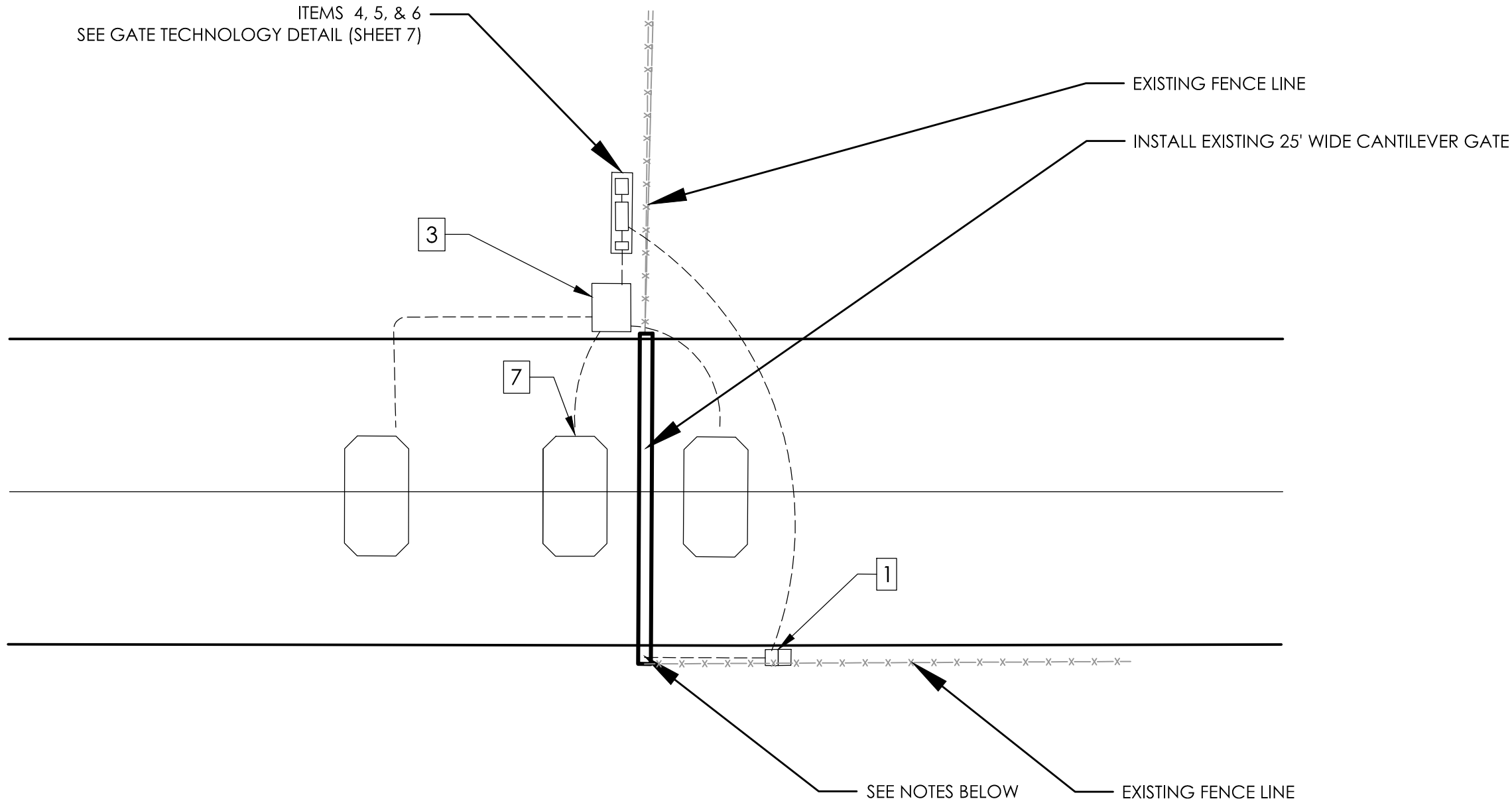
Drawing No.:

C-502

Date:

May 20 2021

Drawing name: Y:\Projects-New\1969\99000047 SE Fire House\Drawings\Engineering\FLORIDA SPT\99047.0086 Gate Details.dwg C503 May 19, 2021 2:56pm by: ptorrez

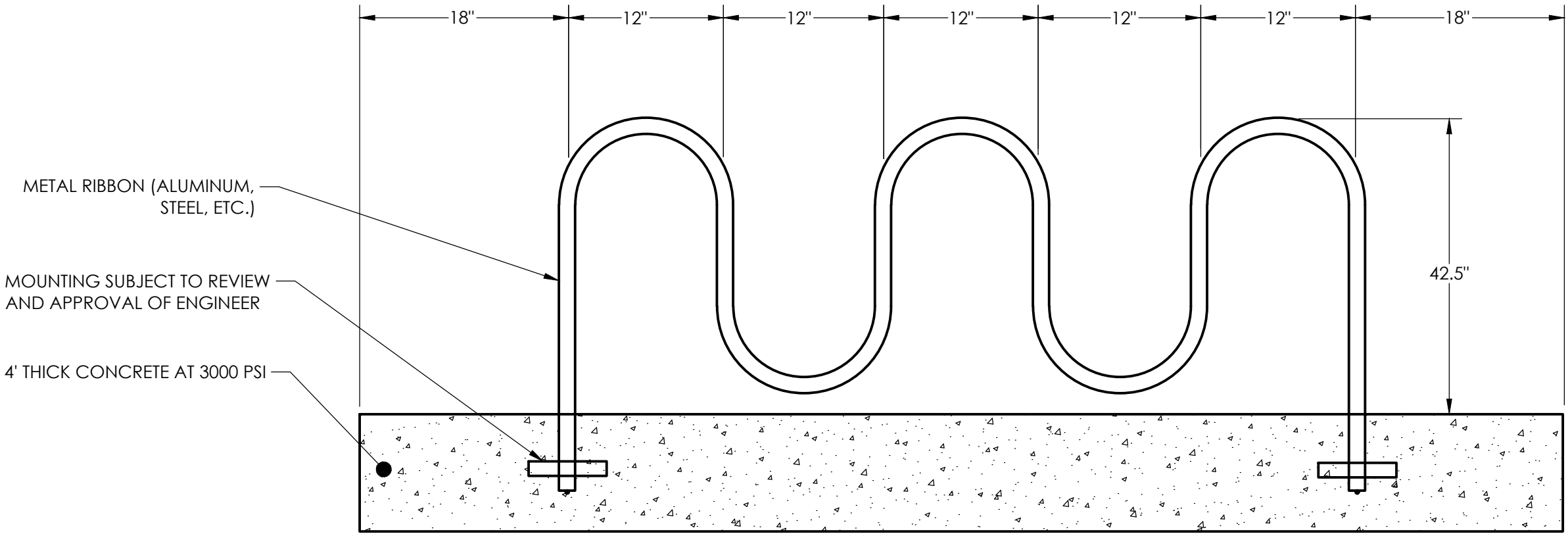


TECHNOLOGY TABLE	
①	PROVIDE NEW PROXIMITY CARD READER/INTERCOM ACCESS & KEYPAD, DOORKING, MODEL NOS. 1815-330 & 1838, OR EQUAL, ON STEEL PEDESTAL INCLUDING KNOX BOX. SEE PEDESTAL DETAIL ON SHEET C-501.
②	PROVIDE 1" CONDUIT TO CARD READER/INTERCOM/KEY PAD SYSTEM, 1" CONDUIT TO GATE OPERATOR, 1" CONDUIT TO UTILITY SOURCE. PROVIDE NEMA 4X ENCLOSURE TO HOUSE CARD READER CONTROL PANEL, NETWORK SWITCH AND POWER SUPPLY. SEE NOTE.
③	PROVIDE AND INSTALL HYDRAULIC SLIDE GATE OPERATOR, COMMERCIAL DUTY, 2 HP, 3 FT/SEC HYDRAULIC DRIVE, ADD ON UPS BATTERY BACK-UP, GATE FRONT EDGE OBSTRUCTION CONTROL, STUCK OPEN RELAY WITH SECURITY NOTIFICATION, COMPATIBLE EMERGENCY ACCESS DEVICE, HY-SECURITY, SLIDE DRIVER 50VF2/3 OR EQUAL, ON NEW CONCRETE FOUNDATION PER MANUFACTURER RECOMMENDATION
④	PROVIDE AND INSTALL A 60 AMP FUSE DISCONNECT. THE DISCONNECT SHALL BE 1Ø, 3W, 240/120V- UL LISTED AND SHALL BE RAINPROOF IN NEMA 3R ENCLOSURES.
⑤	PROVIDE AND INSTALL A 60 AMP, 1Ø, 3W LOAD CENTER "A" WITH A MINIMUM OF 3 SINGLE POLES FOR THE ACCESS CONTROL AND ONE DOUBLE POLE FOR THE GATE OPERATOR PLUS TWO SPARES. THE LOAD CENTER SHALL BE RAINPROOF IN NEMA 3R ENCLOSURES. PROVIDE WIRING FROM ELECTRIC VAULT TO DISCONNECT AND FROM DISCONNECT TO LOAD CENTER.
⑥	PROVIDE AND INSTALL NEMA 3R BOX FOR FUTURE WIRELESS SYSTEM
⑦	INSTALL NEW LOOP DETECTOR SYSTEM AND CONNECT TO PROPOSED GATE ACCESS CONTROL SYSTEM
⑧	CONNECT EXISTING LINEAR ACCESS GATE RECEIVER/OPENER REMOTE SYSTEM TO NEW GATE OPERATOR, AS REQUIRED.

TECHNOLOGY NOTES

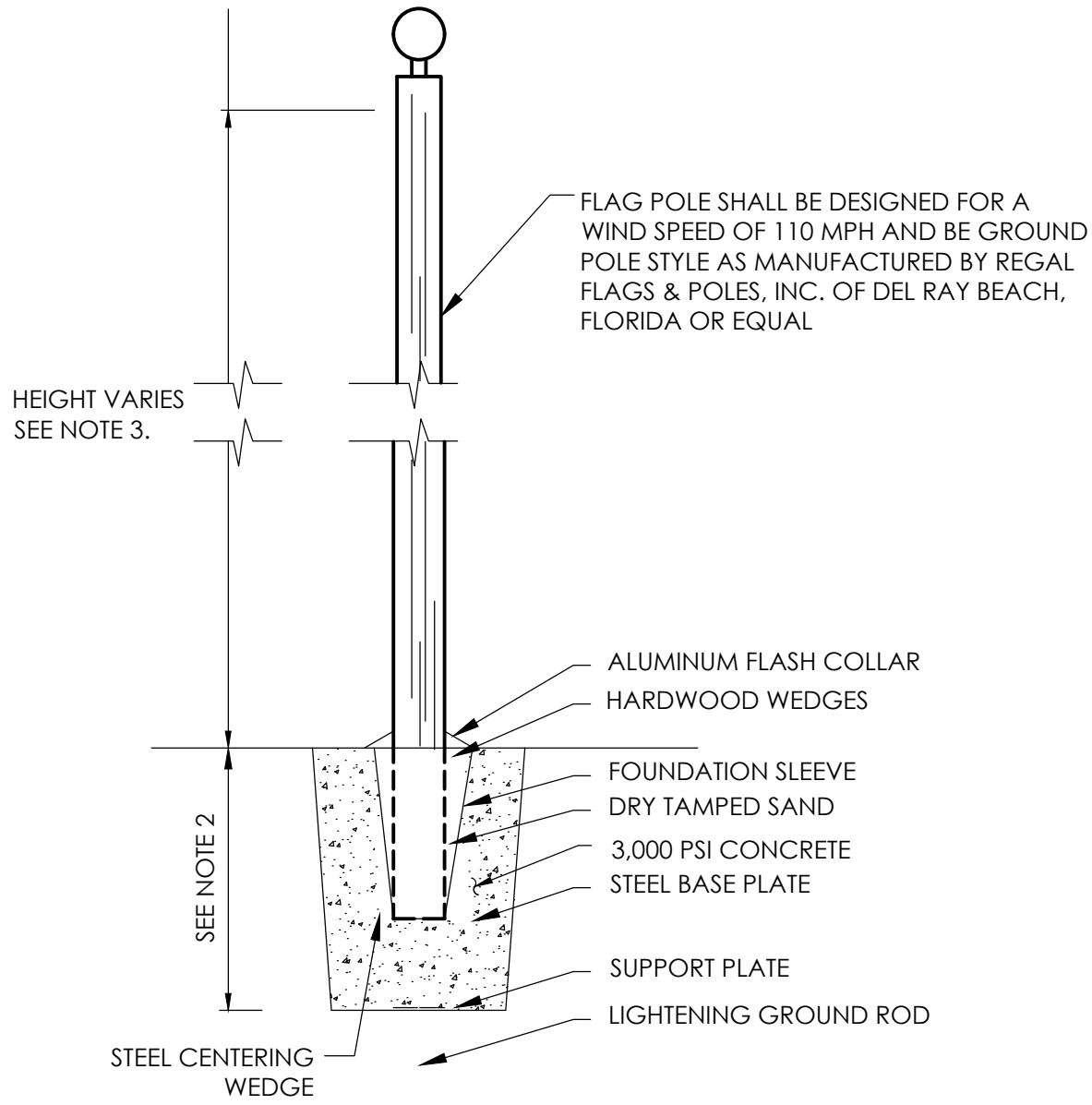
1. THE GATE SYSTEM (INCLUDING ACCESS CONTROL, OPERATOR, SENSOR, ETC) SHALL BE CLASS IV AND INSTALLED TO COMPLY WITH THE UL 325 AND ASTM F2200 STANDARDS WITH TYPE A UL APPROVED DEVICE ENTRAPMENT SYSTEM FOR ACCEPTANCE BY THE OWNER
2. CONTRACTOR SHALL COORDINATE WITH IT/OWNER THE CONNECTION OF GATE OPERATOR TO THE ELECTRIC VAULT BUILDING
3. THE PROPOSED CARD READER AND INTERCOM SYSTEM WILL BE INSTALLED 10' MINIMUM FROM PROPOSED GATE.
4. INSTALL DEVICES WITH A MINIMUM OF 12" FROM EDGE OF PAVEMENT
5. SAFETY LOOP SHALL BE INSTALLED AT 3' MINIMUM FROM PROPOSED GATE
6. PROVIDE A 4"x4" CONCRETE PEDESTAL, UNISTRUT SYSTEM TO MOUNT METER, DISCONNECT AND NEMA BOXES.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL UTILITY CONNECTIONS WITH THE LOCAL UTILITY COMPANY (FLORIDA PUBLIC UTILITIES) AND OWNER
8. OPERATING SYSTEM SHALL BE EQUIPPED WITH AUTOMATIC GATE CLOSING DEVICE
9. CONTRACTOR SHALL EXERCISE CARE WHEN TRENCHING DURING THE INSTALLATION OF ELECTRICAL CONDUIT SO AS NOT TO IMPACT EXISTING UTILITIES
10. ALL EXISTING RED REFLECTOR SIGNS SHALL BE REUSED ON PROPOSED GATES

GATE SYSTEM DETAIL
N.T.S.



- NOTE:
1. SEE PLAN VIEW FOR CORRECT LOCATION AND ORIENTATION OF BICYCLE RACK.
 2. BIKE RACK SHALL BE APPROVED THROUGH THE SHOP DRAWING REVIEW PROCESS, PRIOR TO ORDERING MATERIALS.

STANDARD BICYCLE RACK DETAIL
N.T.S.



- NOTES:
1. PROVIDE 3 FLAG POLES (WITH INTERNAL HALYARD AND COLLAR).
 2. FOUNDATION SHALL BE PER MANUFACTURERS REQUIREMENTS FOR A WIND SPEED OF 135 MPH.
 3. POLE HEIGHTS: CENTER POLE, 30 FT; OUTSIDE POLES, 25 FT.

FLAG POLE DETAIL
N.T.S.

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Stamp:



Client:
CITY OF FERNANDINA BEACH



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Passero Associates

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Principal in Charge
Project Manager
Designed by
Bradley Wentz, PE
Christopher Nardone, AIA
Pamela Torrez

No.	Date	By	Description

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GATE, BYCICLE & FLAG DETAILS

600 AIRPORT ROAD

FERNANDINA FIRE STATION
NO.2

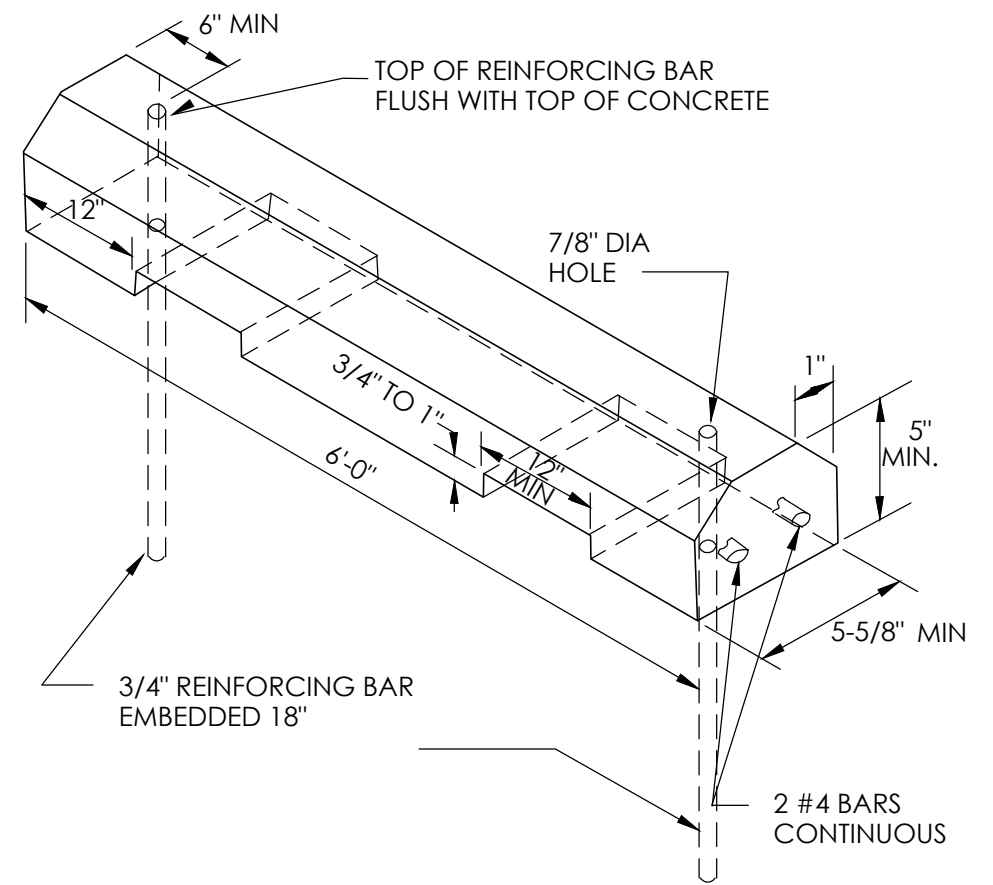
Town/City: Fernandina Beach
County: Nassau State: Florida

Project No.:
99000047.0086

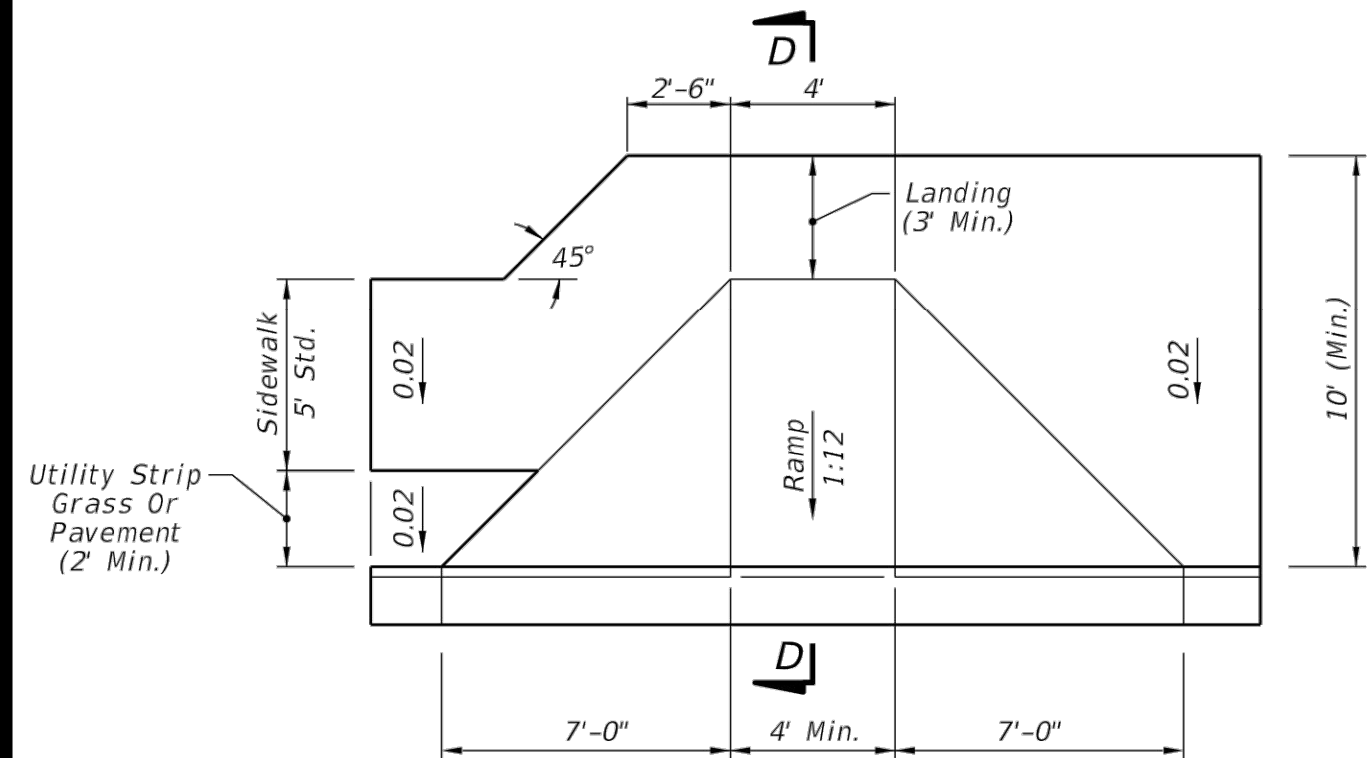
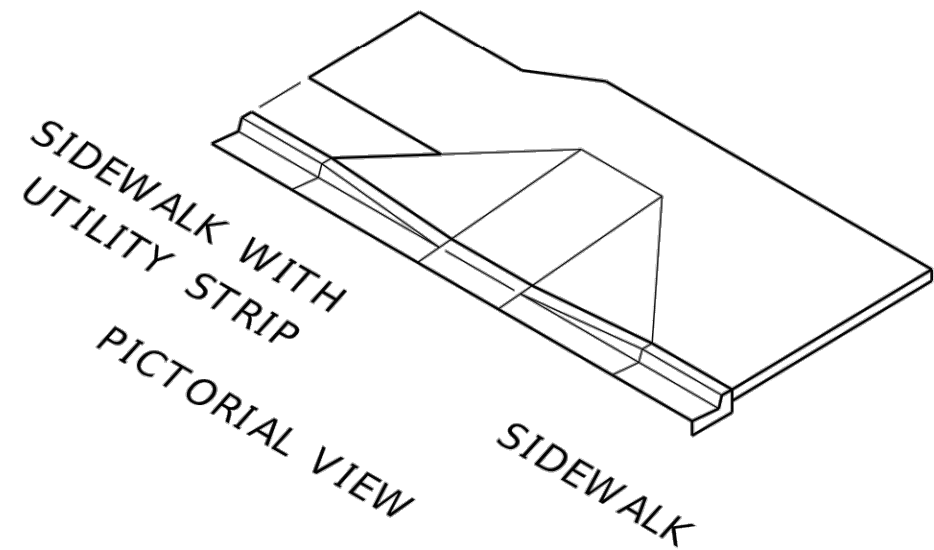
Drawing No.:
C-503

Date:
May 20 2021

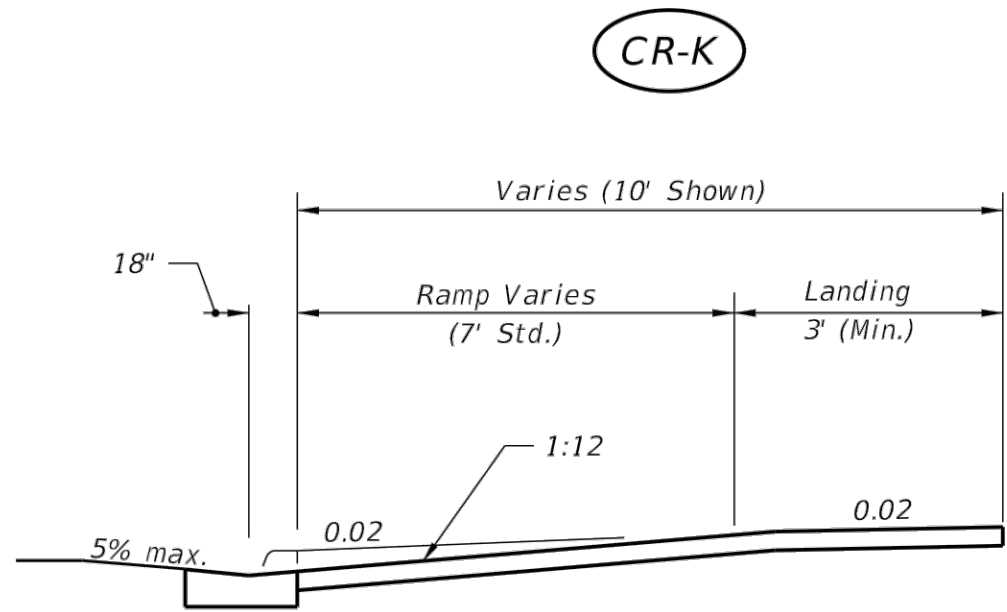
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Drawing name: Y:\Projects-New\1999\99000047 SE FH&A\99000047.DWG - Fire House Drawings\Engineering\FLORIDA SPT\Detail Sheet.dwg C504 May 19, 2021 2:26pm by: ptorez



PARKING SPACE CONCRETE WHEEL STOP
N.T.S.



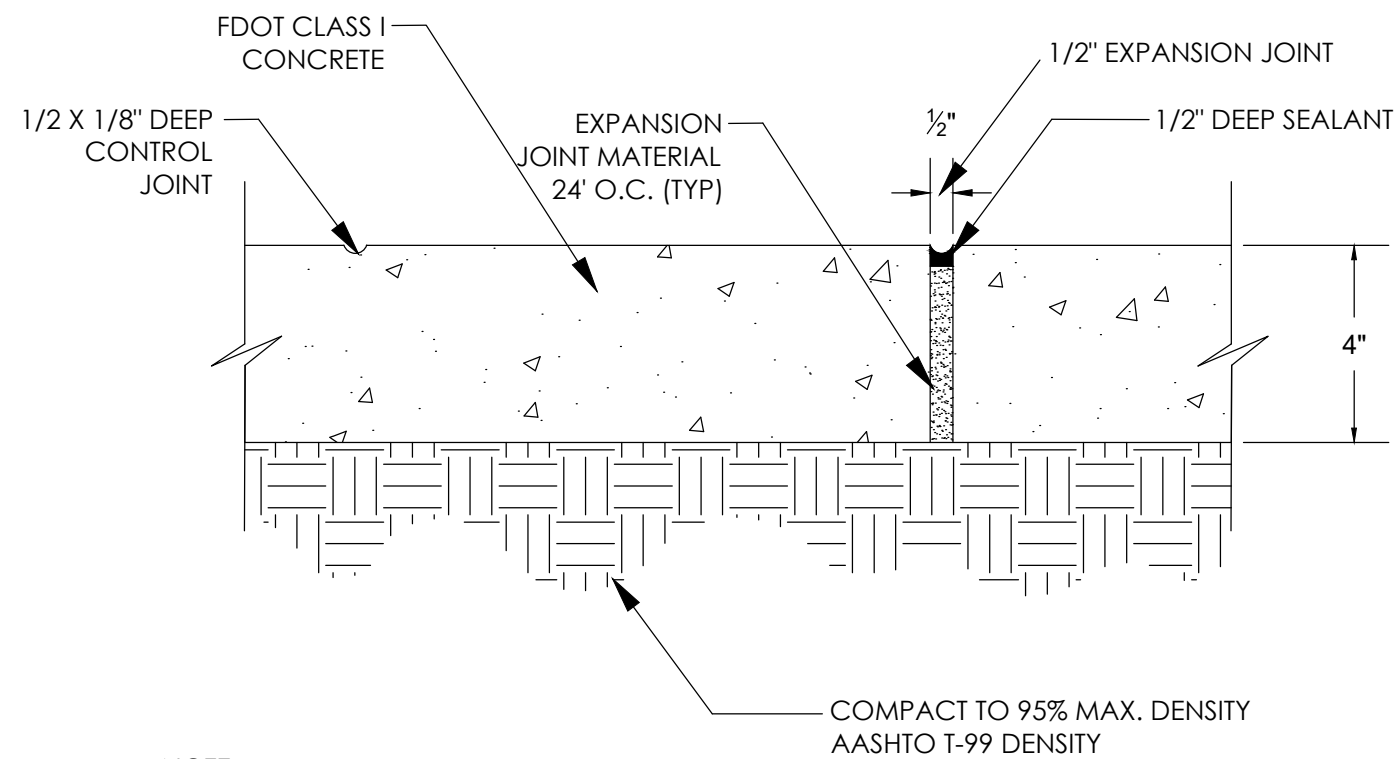
SIDEWALK WITH UTILITY STRIP
PLAN VIEW



SECTION D-D

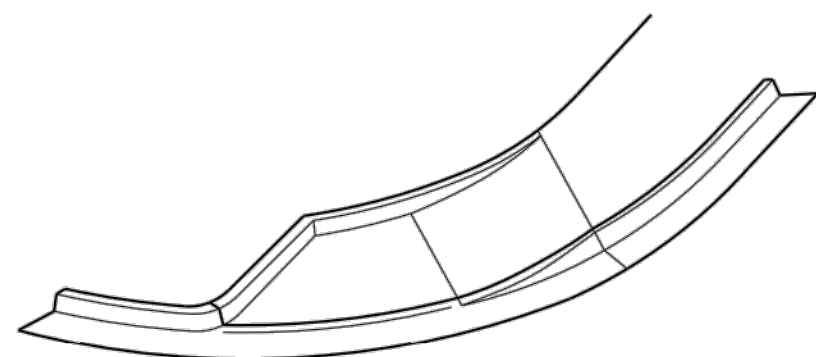
- NOTE:
1. SEE PLANS FOR SPECIFIC ORIENTATION AND LAYOUT INFORMATION.
 2. ALL CURB RAMPS SHALL HAVE FDOT & ADA APPROVED DETECTABLE WARNING.
 3. SIDEWALK CURB RAMPS SHALL MEET THE REQUIREMENTS OF FDOT INDEX 304, UNLESS OTHERWISE SPECIFIED.
 4. SEE FDOT INDEX 304 FOR FURTHER INFORMATION.
 5. SUBGRADE SHALL BE COMPACTED TO NOT LESS THAN 95% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99.
 6. SIDEWALK CURB RAMPS SHALL BE INCLUDED IN THE COST BID FOR CONCRETE SIDEWALK.

FDOT SIDEWALK CURB RAMPS
N.T.S.



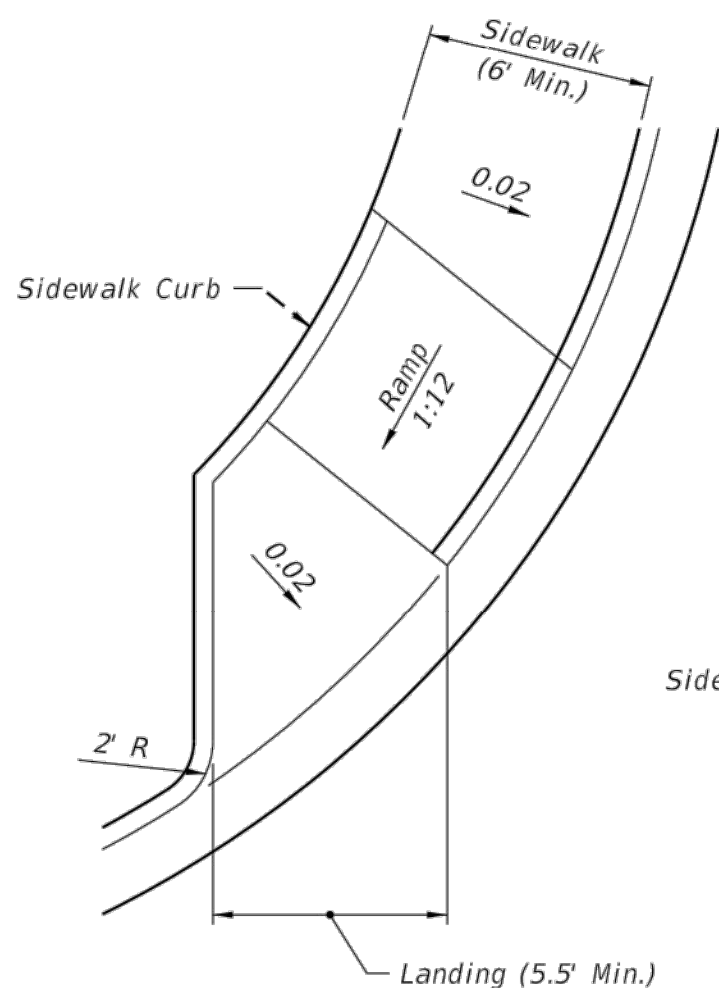
- NOTE:
1. CONCRETE SIDEWALK SHALL MEET THE REQUIREMENTS OF FDOT INDEX 310, UNLESS OTHERWISE SPECIFIED.
 2. IF CONTROL JOINTS ARE SAWED, SAWING SHALL BE ACCOMPLISHED WITHIN 12 HRS. OF CONCRETE POUR: 5'-0" O.C. (TYP)
 3. THE PRICE BID FOR CONCRETE SIDEWALK SHALL INCLUDE ALL SIDEWALK CURB AND CURB RAMPS.

CONCRETE SIDEWALK
N.T.S.



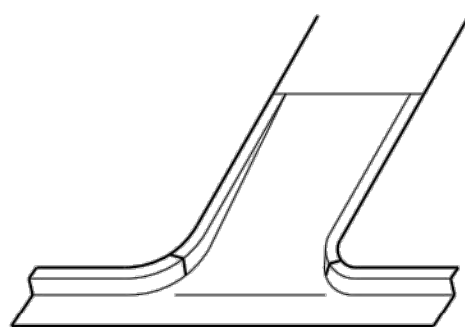
PICTORIAL VIEW

CR-D



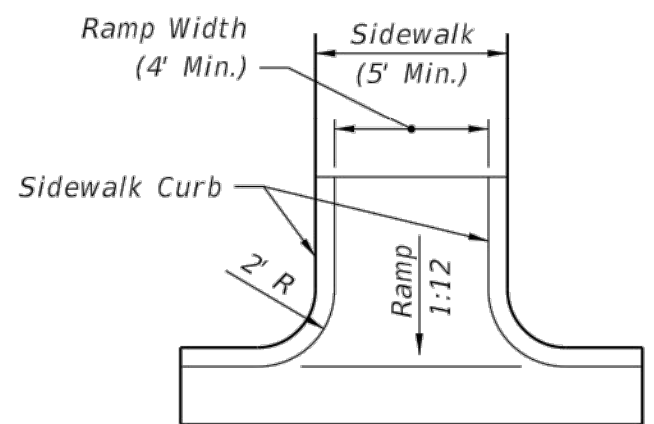
PLAN VIEW

CR-D



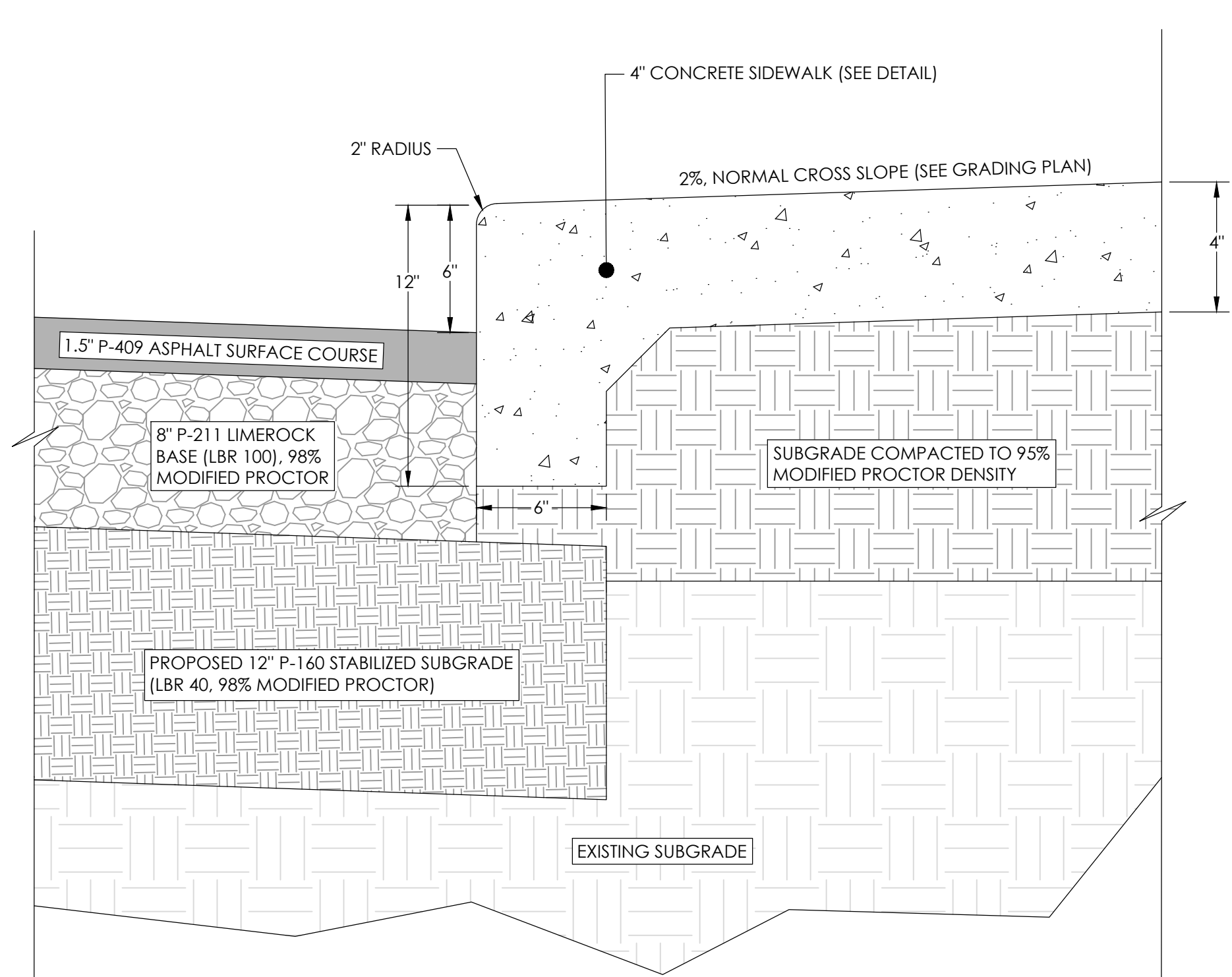
PICTORIAL VIEW

CR-E



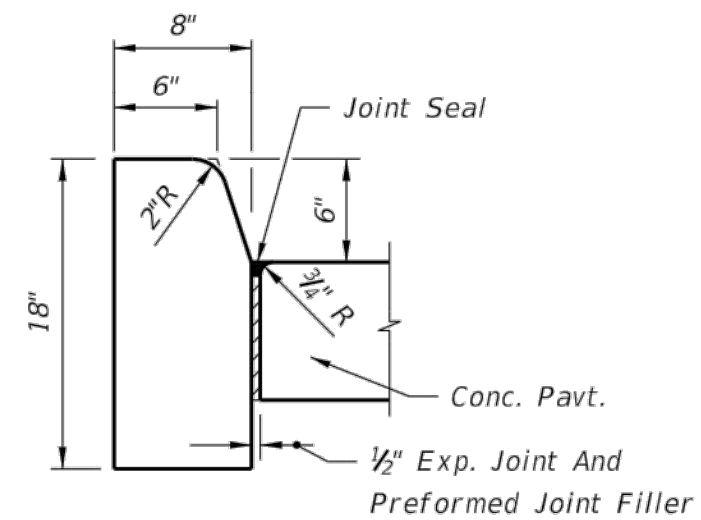
PLAN VIEW

CR-E



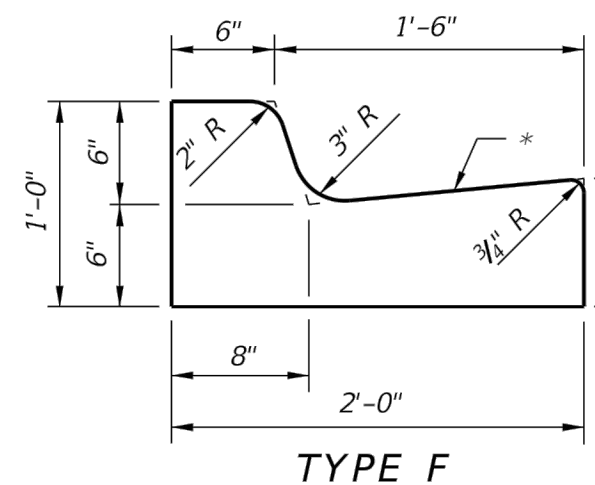
- NOTE:
1. CONCRETE SIDEWALK SHALL MEET THE REQUIREMENTS OF FDOT INDEX 310, UNLESS OTHERWISE SPECIFIED.
 2. IF CONTROL JOINTS ARE SAWED, SAWING SHALL BE ACCOMPLISHED WITHIN 12 HRS. OF CONCRETE POUR: 5'-0" O.C. (TYP)
 3. SIDEWALK CURB SHALL BE INCLUDED IN THE COST BID FOR CONCRETE SIDEWALK.

SIDEWALK CURB
N.T.S.



Note: For use adjacent to concrete or flexible pavement, concrete shown. Expansion joint, preformed joint filler and joint seal are required between curbs and concrete pavement only, see Sheet 2.

TYPE D

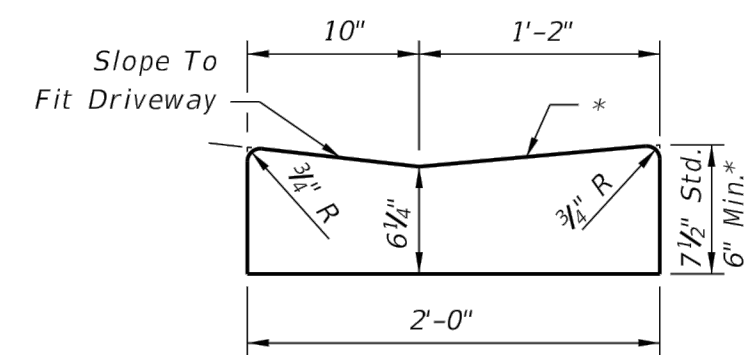


TYPE F

* WHEN USED ON HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT. THE THICKNESS OF THE LIP SHALL BE 6".

- NOTE:
1. CONCRETE CURB AND CURB & GUTTER SHALL MEET THE REQUIREMENTS OF FDOT INDEX 300.
 2. SEE FDOT INDEX 300 FOR FURTHER INFORMATION.
 3. SUBGRADE SHALL BE COMPACTED TO NOT LESS THAN 95% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99.

FDOT CURB AND CURB & GUTTER
N.T.S.



Note: To be paid for as parent curb.

DROP CURB

PA
PASSERO ASSOCIATES
engineering architecture



TRC SET

Stamp:



Client:

CITY OF FERNANDINA
BEACH



204 Ash Street
Fernandina Beach, FL 32034

Passero Associates

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St. Augustine, FL

Principal in Charge: Bradley Wente, PE
Project Manager: Christopher Nordone, AIA
Designed by: Pamela Torrez

No.	Date	By	Description

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PAVEMENT
DETAILS

600 AIRPORT ROAD

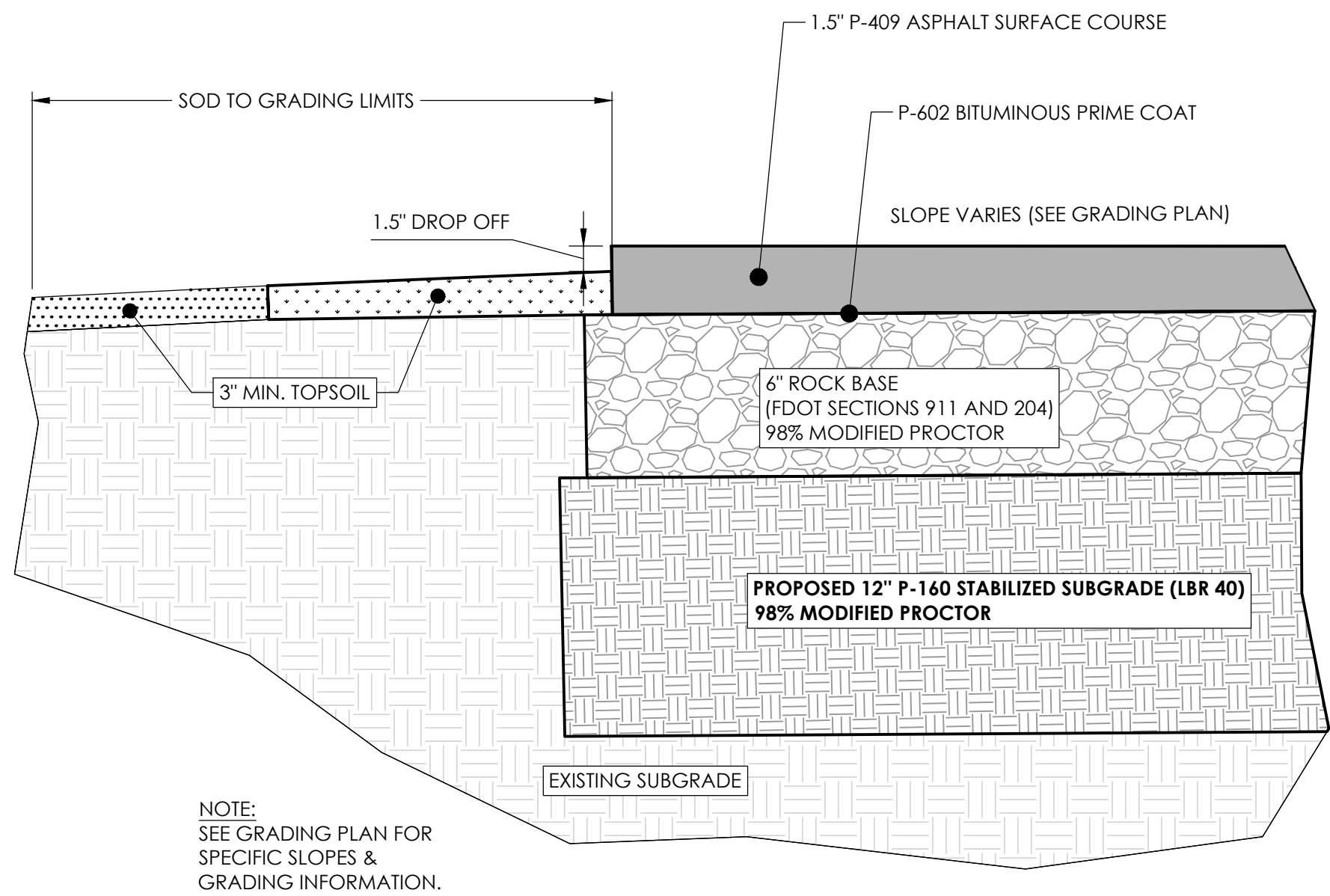
FERNANDINA FIRE STATION
NO.2

Town/City: Fernandina Beach
County: Nassau State: Florida

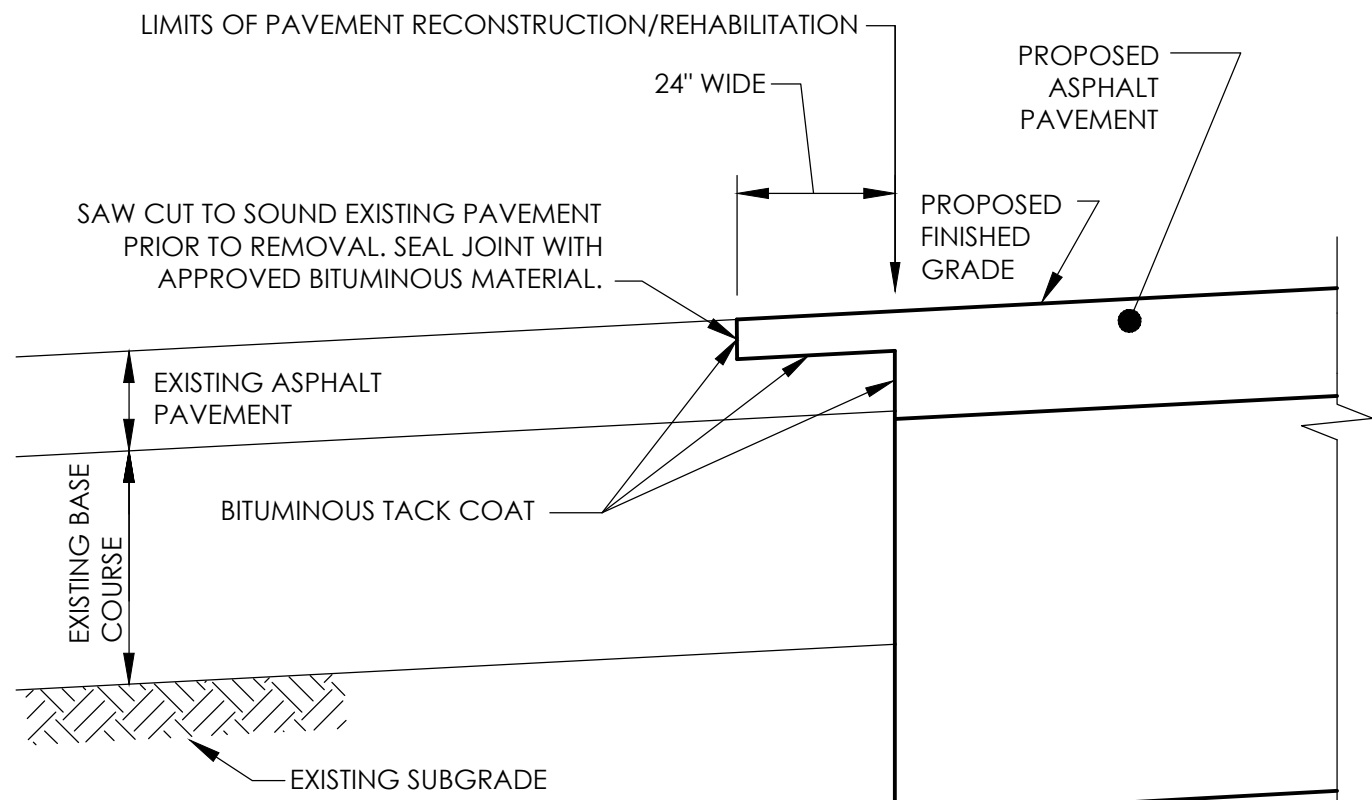
Project No.:
99000047.0086

Drawing No.:
C-504

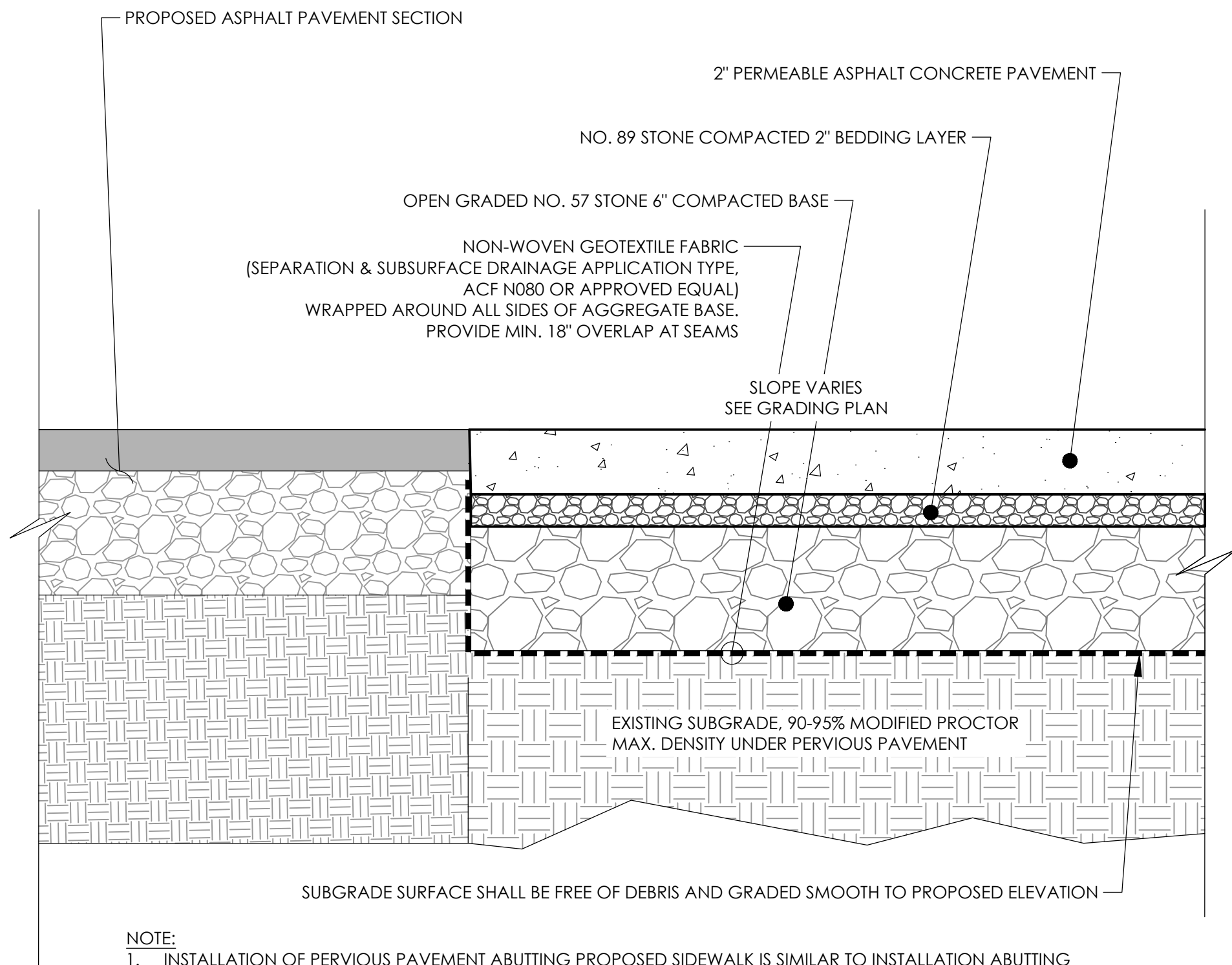
Date:
May 20 2021



PROPOSED ASPHALT PAVEMENT SECTION
N.T.S.

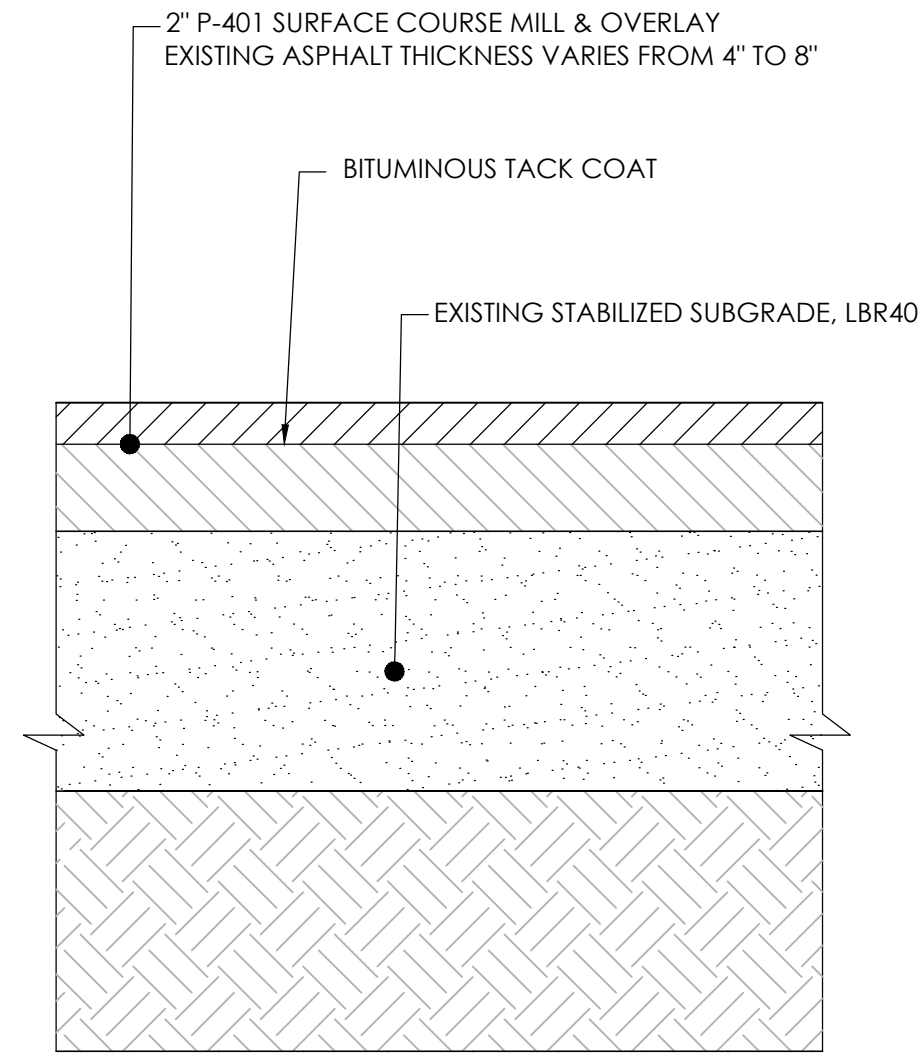


KEYING DETAIL AT LIMITS OF
PROPOSED PAVEMENT
N.T.S.



- NOTE:
1. INSTALLATION OF PERVIOUS PAVEMENT ABUTTING PROPOSED SIDEWALK IS SIMILAR TO INSTALLATION ABUTTING PROPOSED ASPHALT PAVEMENT AS SHOWN IN THIS DETAIL.
 2. MATERIALS SHALL BE APPROVED THROUGH THE SHOP DRAWING REVIEW PROCESS.
 3. INSTALLATION OF GEOTEXTILE SHALL BE PER THE MANUFACTURER'S RECOMMENDATIONS.

PROPOSED PERVIOUS PAVEMENT SECTION
N.T.S.



PROPOSED FULL DEPTH ASPHALT PAVEMENT OVERLAY
(STANDARD)
N.T.S.

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Client:

CITY OF FERNANDINA
BEACH



204 Ash Street
Fernandina Beach, FL 32034

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Principal in Charge
Project Manager
Designed by

Bradley Wernke, PE
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Pamela Torrez

No.	Date	By	Description

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PAVEMENT
DETAILS

600 AIRPORT ROAD

FERNANDINA FIRE STATION
NO.2

Town/City: Fernandina Beach
County: Nassau State: Florida

Project No.:

99000047.0086

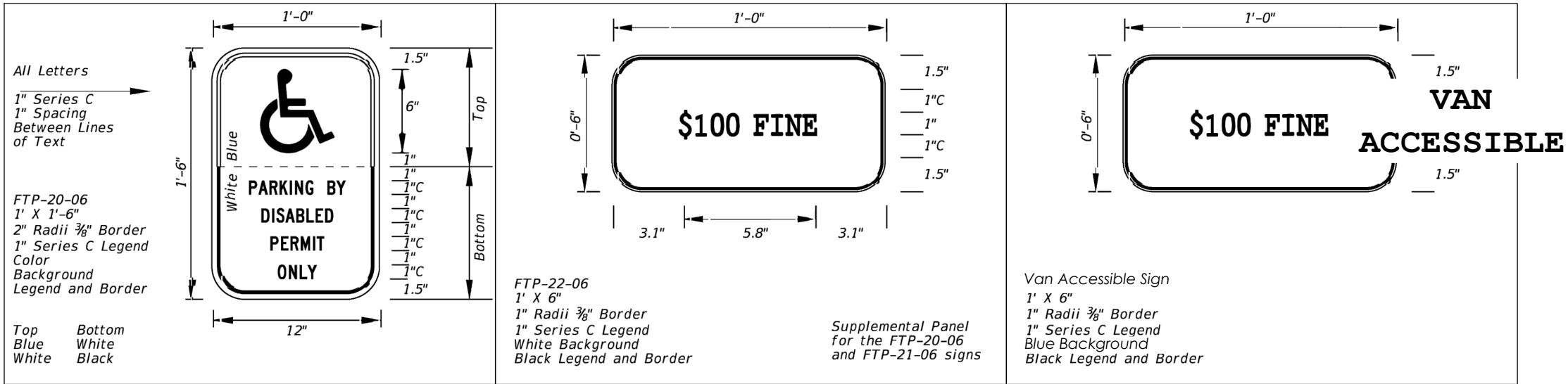
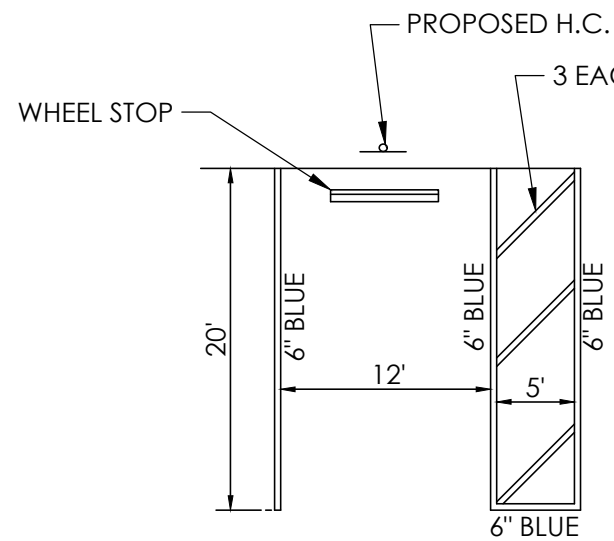
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Date:

May 20 2021

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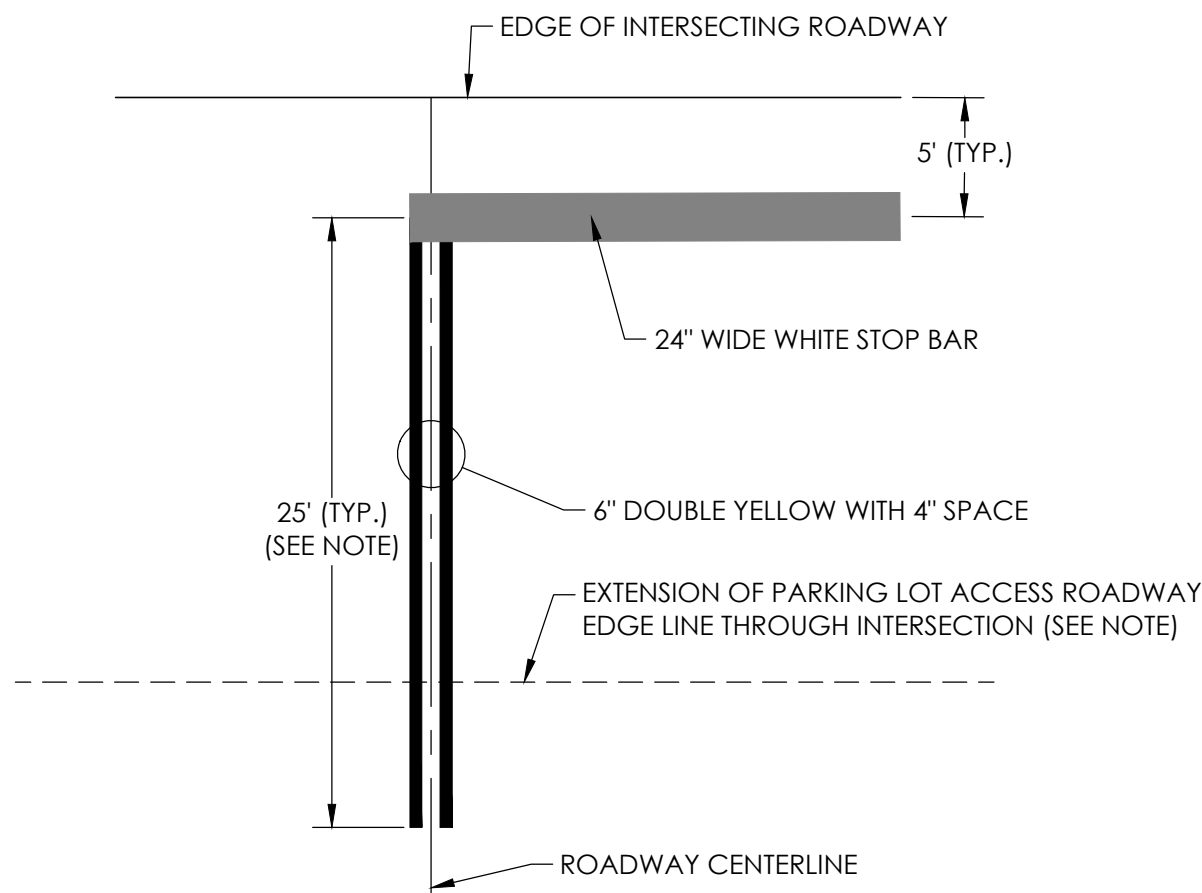


GENERAL NOTES:

1. PROPOSED HANDICAPPED MARKINGS SHALL BE IN ACCORDANCE WITH FDOT DESIGN STANDARDS INDEX NO. 17346, WITH MODIFICATIONS AS SHOWN HERE.
2. TOP PORTION OF HANDICAP SIGN SHALL HAVE A REFLECTIVE BLUE BACK GROUND WITH WHITE REFLECTIVE SYMBOL AND BORDER. BOTTOM PORTION SHALL HAVE A REFLECTIVE WHITE BACK GROUND WITH BLACK OPAQUE LEGEND AND BORDER.
3. \$100 FINE SIGN AND VAN ACCESSIBLE SIGN SHALL BE STACKED IN THAT ORDER BELOW HANDICAPPED SIGN.

DISABLED PARKING SPACE AND SIGN DETAIL

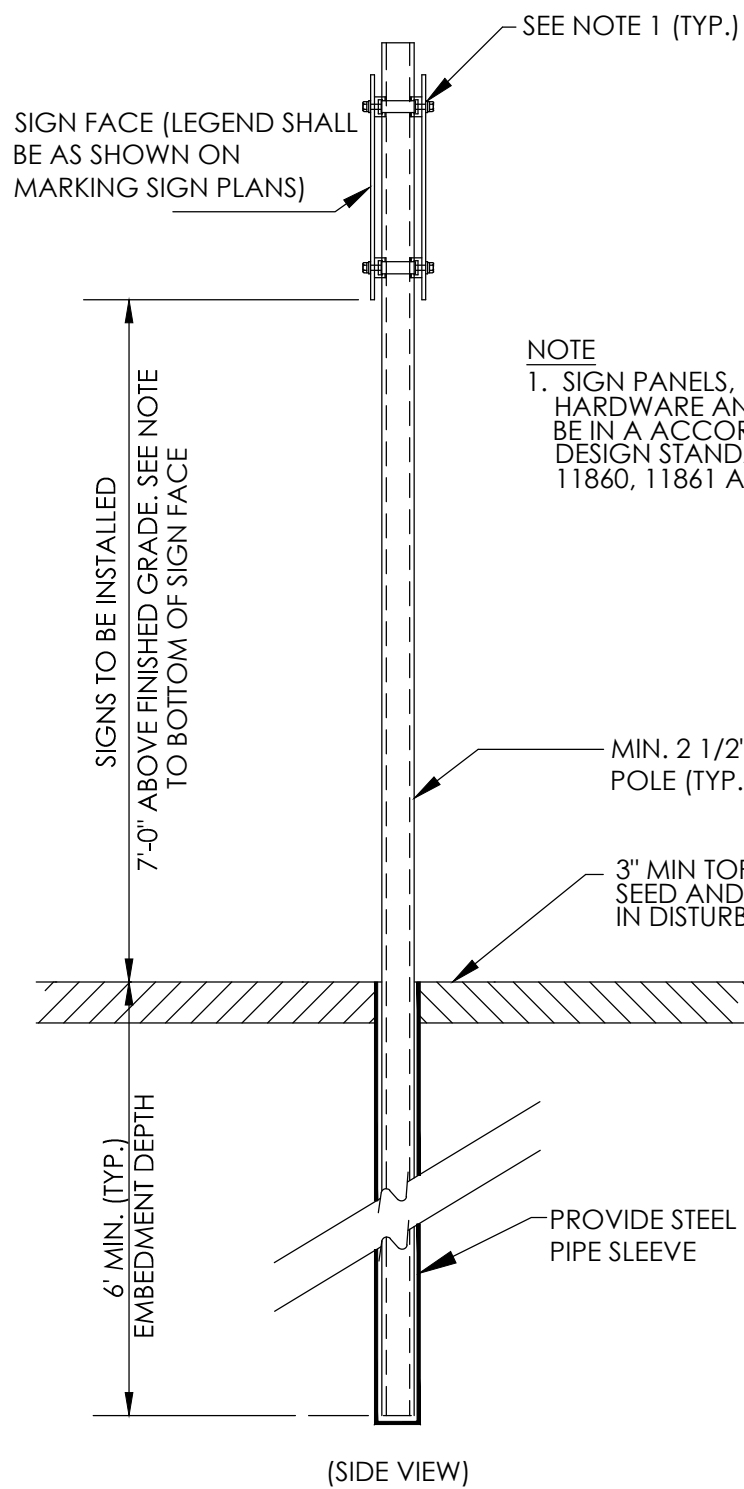
N.T.S.



NOTE:
WHERE EDGE OF INTERSECTING PARKING LOT ACCESS ROAD IS CLOSER THAN 25',
REDUCE 25' DIMENSION & TERMINATE AT ROADWAY EDGE (SEE GEOMETRY, MARKING
& SIGNAGE PLAN).

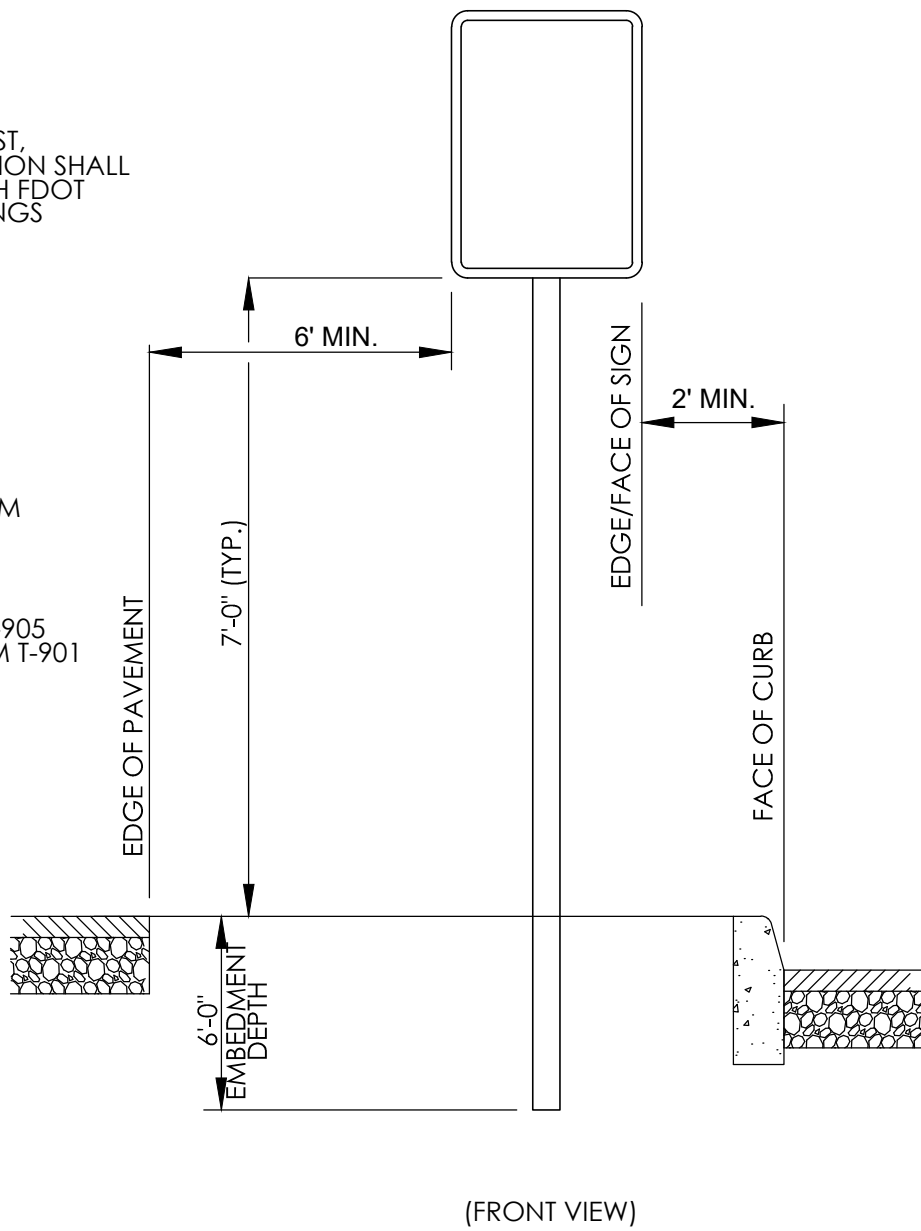
PARKING LOT ACCESS ROAD
INTERSECTION MARKING DETAIL

N.T.S.

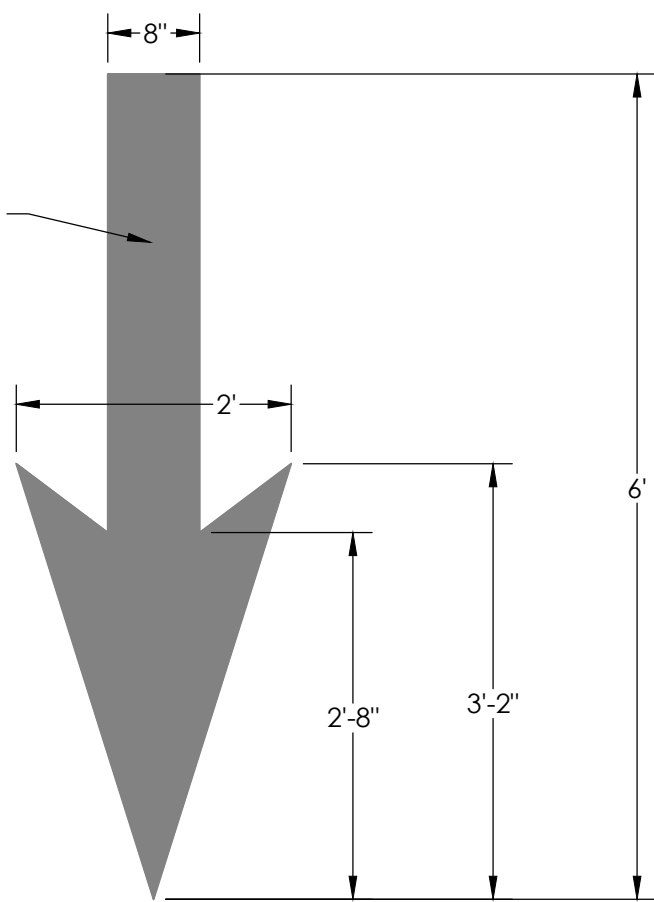


TYPICAL POST MOUNTED SIGN DETAIL

N.T.S.



WHITE DIRECTIONAL ARROW



NOTE:
DIMENSIONS ARE BASED ON STANDARD FDOT
BICYCLE DIRECTIONAL ARROW MARKING.

PARKING LOT DIRECTIONAL
ARROW MARKING DETAIL

N.T.S.

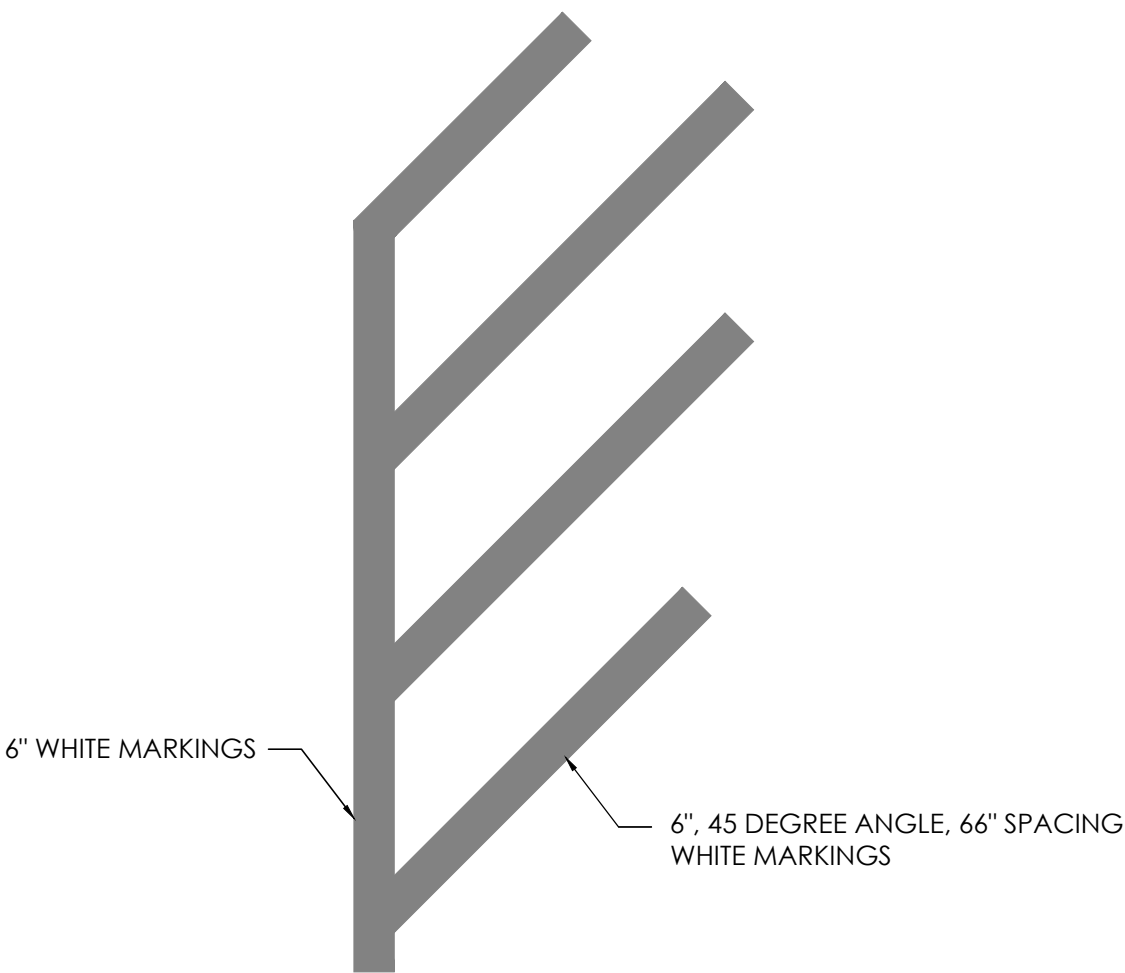


GENERAL NOTES:

1. REFERENCE MUTCD R7-1
2. NO PARKING SIGN SHALL HAVE A REFLECTIVE WHITE BACK GROUND WITH RED LEGEND AND BORDER
3. SIGN SHALL BE MOUNTED ON DUMPSTER GATE (SEE GEOMETRY PLANS SHEET C-201)

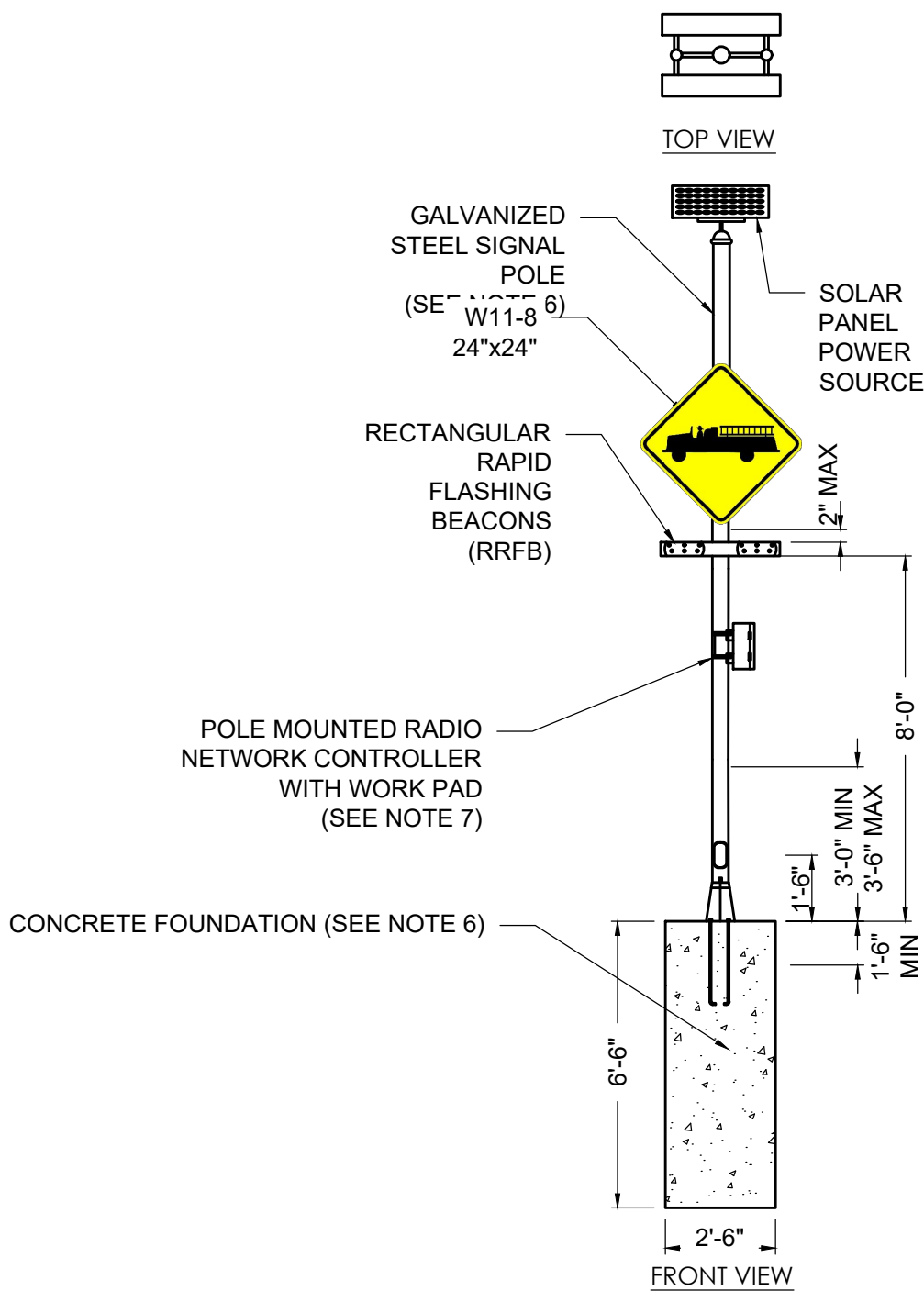
NO PARKING SIGN DETAIL

N.T.S.



PAINTED PARKING LOT ISLAND MARKING

N.T.S.



NOTES:

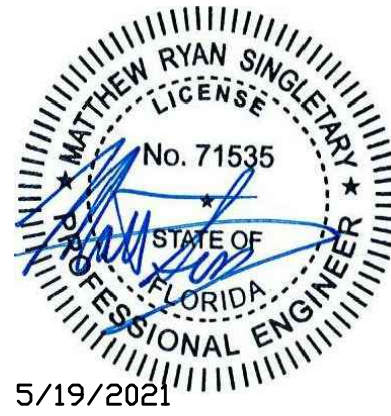
1. WIDTH OF SOLAR PANEL AND LED SIGNAL INDICATION ASSEMBLY SHALL NOT EXCEED THE WIDTH OF SIGN PANEL.
2. WHEN MULTIPLE UNITS ARE USED AT A LOCATION CONTRACTOR SHALL USE DIFFERENT RADIO FREQUENCIES TO AVOID COMMUNICATION ISSUES.
3. SIGNS SHALL UTILIZE 3M DG3 FLUORESCENT YELLOW-GREEN TYPE IX SHEETING. SIGN AND PLAQUE SIZES SHALL CONFORM TO THE MUTCD.
4. POLE PENETRATING MOUNTING DEVICES (RELATING TO LIGHTS, SIGNS, CABINETS, CONDUITS, CLAMPS, BUTTONS, ETC.) SHALL NOT SIGNIFICANTLY DEGRADE THE INTEGRITY OF THE SIGNAL POLE.
5. THE POLE-MOUNTED RADIO NETWORK SHALL BE MOUNTED ON THE SIDE OF THE POLE AWAY FROM APPROACHING TRAFFIC AT A HEIGHT BETWEEN 3.5-4.5 FROM THE BOTTOM OF THE CABINET TO THE FINISHED GROUND SURFACE. IN UNPAVED AREAS A CONCRETE WORK PAD SHALL BE CONSTRUCTED IN FRONT OF THE CABINET DOOR (AOBE) NOT TO EXCEED 5'x5'x4" DEEP AND SHALL ABUT AND BE FLUSH WITH THE POLE FOUNDATION. THE CABINET SHALL BE OF SUFFICIENT SIZE TO HOUSE ALL REQUIRED EQUIPMENT. THE CONTRACTOR SHALL SUPPLY A PUSH BUTTON CONTROL THAT REACHES THE FIRE HOUSE THAT CAN BE ACTIVATED DURING AN EMERGENCY FROM THE FIRE TRUCK. THE CONTROLLERS SHALL BE PROGRAMMED IN ACCORDANCE WITH THE FIRE CHIEF'S RECOMMENDATION.
6. THIS ASSEMBLY SHALL INCLUDE A GALVANIZED STEEL POLE WITH AN APPROVED BREAKAWAY TRANSFORMER BASE AND CONCRETE FOUNDATION MEETING ALL THE MATERIAL REQUIREMENTS OF FDOT SPECIFICATIONS AND BE SUITABLE TO HANDLE THE STATIC & DYNAMIC LOADING OF THE ASSEMBLY AS PER MANUFACTURER REQUIREMENTS. FOR FOUNDATION REINFORCEMENT, SEE FDOT STANDARD REQUIREMENTS.

RRFB FIRE TRUCK CROSSING

N.T.S.

TRC SET

Stamp:



Client:

**CITY OF FERNANDINA
BEACH**



204 Ash Street
Fernandina Beach, FL 32034

Passero Associates

4730 Casa Cola Way, Suite 200
St. Augustine, FL (904) 757-6106

Principal in Charge
Project Manager
Designed by
Bradley Wente, P.E.
Christopher Nordone, AIA
Pamela Torrez

No.	Date	By	Description

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**SIGNAGE &
MARKING DETAILS**

600 AIRPORT ROAD

**FERNANDINA FIRE STATION
NO.2**

Town/City: Fernandina Beach
County: Nassau State: Florida

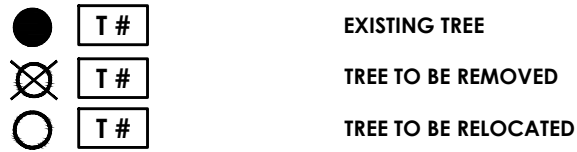
Project No.:
99000047.0086

Drawing No.:
C-506

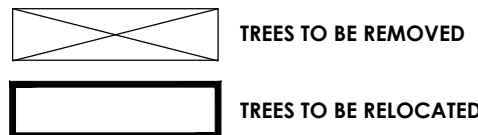
Date:
May 20 2021

Y:\PROJECTS-NEW\1999\99000047 SE FHB 99000047 0086 - FIRE HOUSE DRAWINGS\ENGINEERING\FLORIDA SPT\L-001 TREE PROTECTION SITE PLAN.DWG 5/20/2021 9:34 AM Pamela Torres
Drawing name: Y:\Projects-New\1999\99000047 SE FHB 99000047 0086 - Fire House Drawings\Engineering\FLORIDA SPT\L-001 Tree Protection Site Plan.dwg TREE PROTECTION SITE PLAN L001 May 20, 2021 9:36am by: ptores

LEGEND:

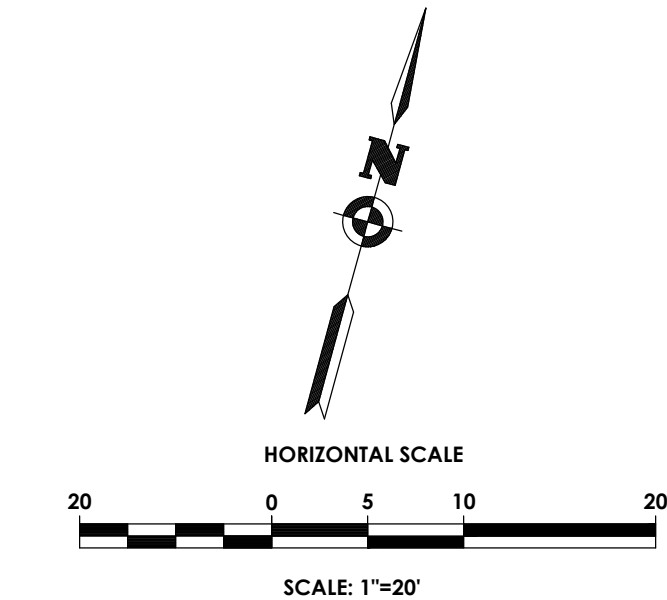


TREE TABLE	
NUMBER	SIZE AND TYPE
T1	12" PINE
T2	12" PINE
T3	12" PINE
T4	13" PINE
T5	9" PINE
T6	11" PINE
T7	11" PINE
T8	8" PINE
T9	12" PINE
T10	6" OAK
T11	6" OAK
T12	11" PINE
T13	10" HLY
T14	12" PINE
T15	10" PINE
T16	8" PINE
T17	7" HLY
T18	9" OAK
T19	12" PINE
T20	12" PINE
T21	10" PINE
T22	13" PINE
T23	13" PINE
T24	8" HLY
T25	9" PINE
T26	9" PINE
T27	11" OAK
T28	6" OAK
T29	9" PINE
T30	6" OAK
T31	6" OAK
T32	6" OAK
T33	7" OAK
T34	6" OAK
T35	7" OAK
T36	8" OAK
T37	6" OAK
T38	9" OAK
T39	16" PM
T40	16" PM
T41	14" PM
T42	16" PM
T43	12" PM
T44	14" PM
T45	12" PM
T46	13" PM
T47	10" PM
T48	17" PM
T49	15" PM
T50	14" PM
T51	13" PM
T52	15" PM



1 TREE PROTECTION SITE PLAN

IF THERE IS A DISCREPANCY BETWEEN ARCHITECTURAL AND ENGINEERING SPECIFICATIONS OR DRAWINGS, THEN ENGINEERING SHALL BE FOLLOWED UNLESS ARCHITECTURAL DESIGN IS AFFECTED; THEN CONTACT ENGINEER IN ANY CASE OF DISCREPANCY, CONTACT ARCHITECT FOR DIRECTION.



THIS DRAWING WAS PREPARED BY USING THE SURVEY DRAWN BY:
MANZIE & DRAKE LAND SURVEYING
REGISTERED LANDSURVEYORS DATED: JULY 30, 2019

AIRPORT ROAD
(RIGHT-OF-WAY LINES NOT DETERMINED)

DRY
DETENTION
POND

PROPOSED
FIRE STATION
PAD 11,869 SF

LANDSCAPE AND MITIGATION DATA

TOTAL SITE AREA	87,619 SF
PUBLIC AREA (NON AIR OPERATIONS AREA)	48,434 SF
TOTAL LANDSCAPE AREA PROVIDED (20%)	9,687 SF
TOTAL VEHICULAR USE AREA	9,054 SF
REQUIRED LANDSCAPE AREA @10% V.U.A.	906 SF
TOTAL LANDSCAPE AREA PROVIDED	9,687 SF
TOTAL PERIMETER LANDSCAPE AT PARKING SPACES= 140 L.F. x 10' = 1,400 SF	

TREES REQUIRED

48,434 / 1500 =	33 TREES
906 / 400 =	3 TREES
1400 / 400 =	4 TREES
TREES REQUIRED =	40 TREES
TREES PRESERVED 47 TREES D.B.H. = 508 IN	

TREE MITIGATION

TOTAL NUMBER OF TREES =	52
TOTAL D.B.H./ TREE =	549 IN
TREES REMOVED =	5
D.B.H. REMOVED =	41 IN
TREES PRESERVED =	47
D.B.H. PRESERVED =	508 IN

D.B.H. PRESERVE REQUIRED 549 IN x 0.50 = 274.50 IN
D.B.H. PROVIDED = 508 IN
D.B.H. DEFICIT = 0 IN

TOTAL TREES PLANTED IN PROJECT = 4 - 4 IN D.B.H. = 16 IN

EXCEPTION

PER AIRPORT LDC - LANDSCAPING SHOULD NOT BE ON THE AIRFIELD SIDE OF ANY BUILDING CONSTRUCTION THAT IS NOT ACCESSIBLE BY THE PUBLIC. SINCE PROPOSED SITE FOR THE FIRE STATION #2 IS ADJACENT TO RUNWAY THRESHOLD, LIMITING TREES PER FAA PART 77.

GENERAL NOTES

TREE PRESERVATION

- REFER TO LAND DEVELOPMENT CRITERIA ON SHEET L-003 FOR D.B.H. TOTALS
- PROVIDE PROTECTIVE MEASURES FOR TREES DURING DEVELOPMENT TO AVOID: MECHANICAL INJURIES TO ROOTS, TRUNK, AND BRANCHES; INCLUDING INJURIES BY CHEMICAL POISONING, GRADE CHANGES, EXCAVATIONS AND PAVING
- PROVIDE TREE PROTECTION ZONE AROUND EACH PROTECTED TREE FROM SIX (6) FEET TO TWENTY (20) FEET DEPENDING ON THE TREE DRIP LINE
- PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, THE PROTECTION ZONE SHALL BE ENCLOSED AS FOLLOWS: PROVIDE MIN. 2 X 4 WOOD POSTS IMPLANTED IN THE GROUND DEEP ENOUGH FOR STABILITY AND THREE (3) FEET ABOVE GRADE, PLACED NOT MORE THAN SIX (6) FEET APART AND LINKED TOGETHER BY CHAIN OR ROPE
- UNDERGROUND UTILITIES **SHALL NOT** BE CLOSER THAN TEN (10) FEET TO TREE
- ALL LANDSCAPED AREAS SHALL BE GRASS OR COVERED WITH GROUND COVER
- SOLID SOD SHALL BE USED IN SWALES AND AREAS SUBJECT TO EROSION
- GRASS SOD SHALL BE CLEAN & REASONABLY FREE OF WEEDS, PESTS & DISEASE
- WHERE APPLICABLE RETAIN NATIVE AND DROUGHT TOLERANT SPECIES
- PROVIDE DROUGHT TOLERANT OR XERISCAPE LANDSCAPE MATERIALS
- PER LDC 20' BUFFER REQUIRED
- REFER TO DRAWING NO. L-002 THRU L-004 FOR ADDITIONAL NOTES

TRC SET

Stamp:



Client:

CITY OF FERNANDINA
BEACH



204 Ash Street
Fernandina Beach, FL 32034

Passero Associates

4730 Casa Cola Way, Suite 200
St. Augustine, FL (904) 757-6106
Principal in Charge: Bradley Wentz, PE
Project Manager: Christopher Nardone, AIA
Designed by: Pamela Torres

No.	Date	By	Description

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TREE PROTECTION
SITE PLAN

600 AIRPORT ROAD

FERNANDINA FIRE STATION
NO.2

Town/City: Fernandina Beach
County: Nassau State: Florida

Project No.:

99000047.0086

Drawing No.:

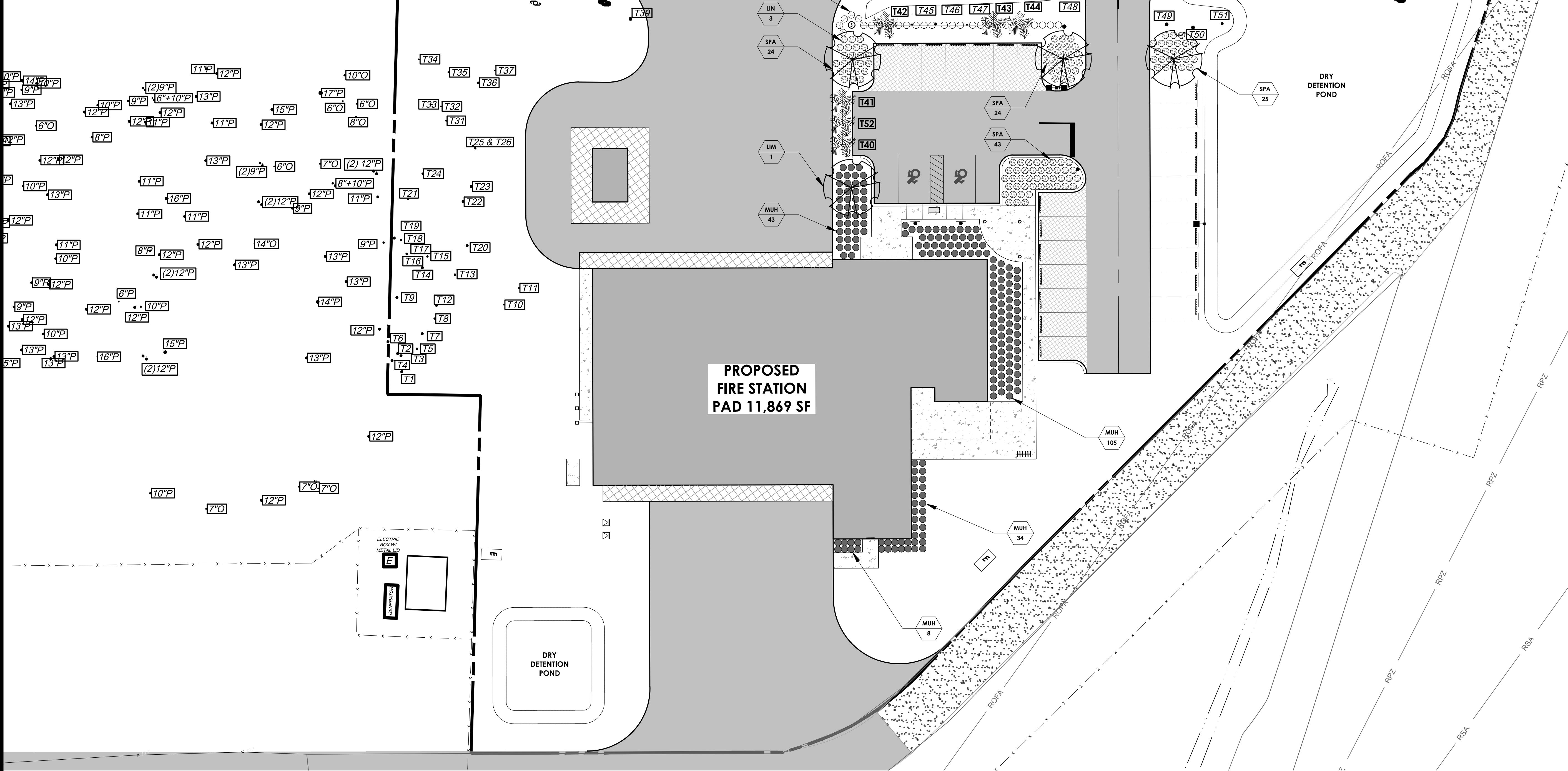
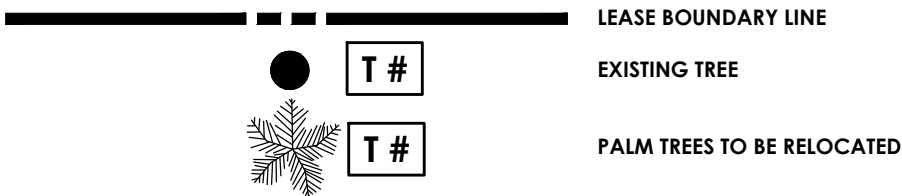
L-001

Date:

May 20 2021

Y:\PROJECTS-NEW\1999\99000047-SE FHB 99000047-0086 - FIRE HOUSE, DRAWINGS\ENGINEERING\FLORIDA SPT\L-002 LANDSCAPE SITE PLAN.DWG 5/20/2021 9:35 AM Pamela Torrez
Drawing name: Y:\Projects-New\1999\99000047-SE FHB 99000047-0086 - Fire House\Drawings\Engineering\FLORIDA SPT\L-002 Landscape site plan.dwg PROPOSED LANDSCAPE L-002 May 20, 2021 9:35am by: plorrez

LEGEND:



PLANT LIST

SYM	QTY	BOTANICAL NAME	COMMON NAME	SPECIFICATIONS	NATIVE
LIN	3	LAGERSTROMIA INDICA "NATCHEZ"	CRAPE MYRTLE VAR. "NATCHEZ"	14' x 5' ; 5' CT.; MULTI-TRNK TR. STD.; FULL HD., EQUALLING 4" D.B.H.	NO
LIM	1	LAGERSTROMIA INDICA "MUSKOGEE"	CRAPE MYRTLE VAR. "MUSKOGEE"	14' x 5' ; 5' CT.; MULTI-TRNK TR. STD.; FULL HD., EQUALLING 4" D.B.H.	NO
SP +	1	SABAL PALMETTO	CABBAGE PALM	10, 12, 14' CT.; HURRICANE CUT; STAGGERED HDS.	YES
ILE	27	ILEX VOMITORIA 'SCHILLINGS	YAUPON HOLLY	3-GAL; 18" OA; FULL; HEAVY; 36" O.C. AS SHOWN	YES
SPA	116	SPARTINA BAKERI	SAND CORDGRASS	1-GAL; 18" OA; FULL; HEAVY; 36" O.C. AS SHOWN	YES
MUH	190	MUHLENBERGIA CAPILLARIS	MUHLI GRASS	1-GAL; 18" OA; FULL; HEAVY; 36" O.C. AS SHOWN	YES
SOD	+/-30,952 SF	CYNODON DACTYLON	BERMUDA GRASS	SOLID SOD OVERSEED WITH RYE GRASS; DISEASE-FREE; LAID TIGHT W/ EVEN JOINTS.	YES

+ FINAL QUANTITY DETERMINED BY ACTUAL TRANSPLANT OPERATION SUBSTITUTIONS. SEE "TRANSPLANTS" ABOVE AND "NOTE", SHEET L-001.

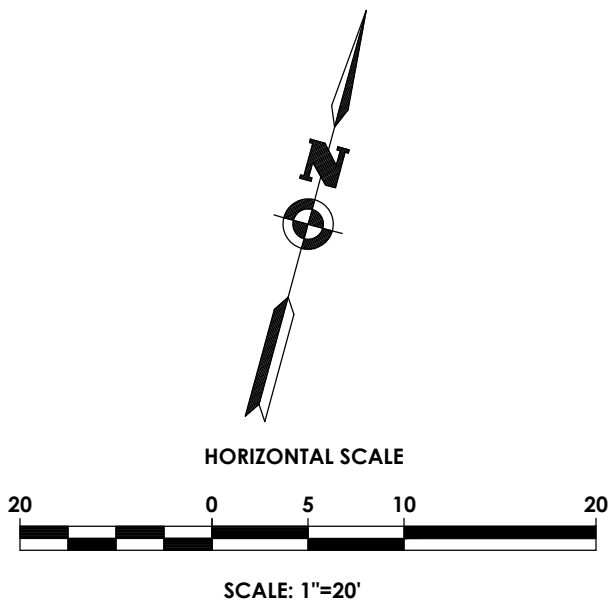
1 LANDSCAPE SITE PLAN

SCALE: 1" = 20' - 0"

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SUNSHINE STATE ONE CALL OF FLORIDA:

AT LEAST 48 HOURS BEFORE YOU DIG, EXCLUDING SATURDAYS, SUNDAYS AND HOLIDAYS, CALL **811** WHEN CALLING FROM FLORIDA AND **1-800-432-4770** WHEN CALLING FROM OUTSIDE FLORIDA. A REPRESENTATIVE WILL COME TO YOUR PROPERTY TO LOCATE AND MARK PUBLIC UTILITIES. THERE IS NO CHARGE FOR THIS SERVICE.



THIS DRAWING WAS PREPARED BY USING THE SURVEY DRAWN BY:
MANZIE & DRAKE LAND SURVEYING,
REGISTERED LANDSURVEYORS DATED: JULY 30, 2019

PA

PASSERO ASSOCIATES
engineering architecture



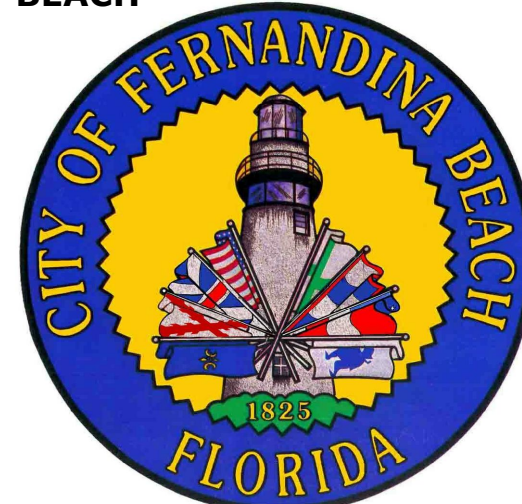
TRC SET

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Client:

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204 Ash Street
Fernandina Beach, FL 32034

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4730 Casa Cola Way, Suite 200
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Principal in Charge: Bradley Wentz, PE
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Designed by: Pamela Torrez

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LANDSCAPE SITE
PLAN

600 AIRPORT ROAD

FERNANDINA FIRE STATION
NO.2

Town/City: Fernandina Beach
County: Nassau State: Florida

Project No.:
99000047.0086

Drawing No.:

L-002

Date:

May 20 2021

ALL LANDSCAPING SHALL COMPLY WITH SECTION 4.05.01 IN PRESERVATION OF TREES, SCREENING PROVIDING SHADE AND IMPROVING SITE APPEARANCE.

LANDSCAPE MATERIALS SHALL COMPLY WITH SECTION 4.05.03, PARTICULARLY SPECIE USAGE, SIZES AND SPECIFICATIONS.

XERISCAPE REQUIREMENTS PER SECTION 4.05.03 (C) SHALL BE PROVIDED WITH POINT VALUE AS LISTED:

- MOISTURE SENSING IRRIGATION CONTROLLER OTHER THAN RAIN SWITCH - 5
- DEPICTION OF WATER USAGE ZONES ON LANDSCAPE PLAN - 5
- 51% OR MORE GRASS AREAS USE DROUGHT TOLERANT SPECIES - 10
- MULCH AT LEAST 3" DEEP IN PLANTING BEDS - 10
- 51% OR MORE SHRUBS ARE DROUGHT TOLERANT - 10
- 51% OR MORE TREES ARE DROUGHT TOLERANT - 10

TOTAL POINTS - 50

LANDSCAPE INSTALLATION SHALL COMPLY WITH SECTION 4.05.03 (D).

PARKING LOT LANDSCAPING SHALL COMPLY WITH SECTION 4.0.5.06.

PLEASE REFER TO DATA FOR COMPLIANCE WITH SECTION 4.05.09, TREE PROTECTION REQUIREMENTS

ALL PROTECTED TREES AND UNDERSTORY SHALL BE PROTECTED VIA A TREE PROTECTION ZONE PER SECTION 4.05.09 (F).

EUCALYPTUS MULCH (OR APPROVED EQUAL) SHALL BE INSTALLED IN ALL PLANTING AREAS TO A MINIMUM DEPTH OF THREE (3) INCHES.

ALL PLANT MATERIALS SHALL MEET THE STANDARDS FOR FLORIDA NO. 1 OR BETTER, AS SET OUT IN "GRADES AND STANDARDS FOR NURSERY PLANTS", DEPARTMENT OF AGRICULTURE, STATE OF FLORIDA.

ALL PLANT MATERIAL SHALL BE INSTALLED IN A NEAT, WORKMAN-LIKE MANNER IN CONFORMANCE WITH STANDARD INDUSTRY PRACTICE.

PLANT MATERIAL SHALL BE GUARANTEED FOR ONE YEAR AS REQUIRED BY LDC SECTION 4.05.03(E)(3), LANDSCAPE MATERIALS STANDARD - MAINTENANCE REQUIREMENTS, COMMENCING ON DATE OF CERTIFICATION BY ARCHITECT. ALL WARRANTIES ARE VOIDED BY DAMAGE FROM FROST CONDITIONS, HIGH WINDS, IMPROPER MAINTENANCE (NEGLECT) OR VANDALISM.

TRANSPLANTS:

IT HAS BEEN DETERMINED THAT EXISTING PHOENIX AND BUTIA PALMS, CURRENTLY LOCATED ALONG AIRPORT ROAD SHALL BE USED IN LIEU OF CERTAIN PROPOSED PLANT MATERIALS, AS IS POSSIBLE. SPECIFICALLY: THE PHOENIX PALMS SHALL BE SUBSTITUTED FOR THE SABAL PALMS ("SP") AT THE MAIN ENTRY; BUTIA PALMS MAY BE TRANSPLANTED ALONG AIRPORT ROAD AS SHOWN. CONTRACTOR PROPOSAL SHALL INCLUDE AN EVALUATION OF EXISTING PALMS TO DETERMINE REQUIREMENTS, METHODOLOGIES, QUANTITIES AND COSTS TO COMPLETE ANY TRANSPLANT OPERATIONS. EVALUATION SHALL BE REVIEWED/APPROVED BY ARCHITECT/OWNER PRIOR TO COMMENCING WORK.

MULCH:

RE-CYCLE OR ALTERNATIVE MULCH (MELALEUCA OR EUCALYPTUS)
CYPRRESS MULCH IS NOT PERMITTED. ALL GROUND COVER AREAS SHALL RECEIVE (UP TO) 2" OF ORGANIC MULCH.
KEEP AROUND PLANT STEMS.
ALL TREES IN SOD AREAS SHALL RECEIVE AN OPEN, 3' RADIUS, NON-MULCHED RING AROUND TRUNK.
NOTE: NO MULCH SHALL BE PLACED OVER ANY TREE ROOT BALL.

IRRIGATION:

SHALL BE SUPPLIED BY AN UNDERGROUND, AUTOMATIC, POP-UP TYPE SPRINKLER SYSTEM, GUARANTEEING 100% COVERAGE OF PLANTED AREA W/O OVERSPRAY ONTO ANY PAVEMENT AREAS, WHETHER PUBLIC OR PRIVATE. WATER SOURCE SHALL BE AN ON-SITE WELL.
NOTE: IRRIGATION PLAN SHALL BE PROVIDED AT TIME OF APPLICATION FOR PERMITS; BASED ON CITY-APPROVED LANDSCAPE PLAN.

SOD QUANTITIES ARE ESTIMATES. CONTRACTOR SHALL VERIFY ACTUAL QUANTITIES REQUIRED USING FINAL, "AS-BUILT", FIELD DIMENSIONS TO CALCULATE SQUARE FOOTAGE.

ALL PROHIBITED EXOTIC AND INVASIVE SPECIES SHALL BE REMOVED FROM ENTIRE SITE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

CONSPICUOUS, DURABLE BARRICADES WILL BE ERECTED AROUND EACH INDIVIDUAL TREE OR AREAS OF VEGETATION THAT ARE TO BE PRESERVED. SHOULD BARRIER OR VEGETATION BE DAMAGED DURING CONSTRUCTION, BOTH BARRIER AND VEGETATION SHALL BE REPLACED.

EXISTING UNDERSTORY SHALL BE MAINTAINED IN AREAS OF UNDISTURBED NATIVE VEGETATION.

ANY PRESERVED TREE SHALL BE PROTECTED AS CONSISTENT WITH LDC SECTION 4.05.14, TREE PROTECTION REQUIREMENTS.

NO LANDSCAPING SHALL BE PLANTED IN SUCH A MANNER AS TO ADVERSELY AFFECT UTILITY INSTALLATION OPERATING AND MAINTENANCE.

ALL PLANTINGS SHALL BE CONTINUALLY MAINTAINED IN AN ATTRACTIVE AND HEALTHY CONDITION. MAINTENANCE SHALL INCLUDE, BUT NOT BE LIMITED TO, WATERING, TILLING, FERTILIZING AND SPRAYING, MOWING, WEEDING, REMOVAL OF LITTER AND DEAD PLANT MATERIAL, AND NECESSARY PRUNING AND TRIMMING.

REQUIRED PLANTS THAT BECOME DISEASED OR DIE SHALL BE REPLACED NOT LATER THAN THREE (3) MONTHS FOLLOWING THE LOSS OF THE PLANT.

TREE PROPERTY OWNER IS RESPONSIBLE FOR THE MAINTENANCE OF ALL REQUIRED LANDSCAPING IN A HEALTHY, THRIVING CONDITION.

TREES SHALL BE PRUNED ONLY AS NECESSARY TO PROMOTE HEALTHY GROWTH OR TO AVOID POWER LINES. TREES SHALL NOT BE SEVERELY PRUNED OR "HATRACKED" IN ORDER TO PERMANENTLY MAINTAIN GROWTH AT A REDUCED HEIGHT. PRUNING SHALL COMPLY WITH CURRENT NATIONAL ARBORISTS SOCIETY STANDARDS.

LANDSCAPE MAINTENANCE REQUIREMENTS SHALL COMPLY WITH SECTION 4.05.03 (E).

1. THE CONTRACTOR SHALL FINISH IRRIGATION PLAN AND INSTALL IRRIGATION SYSTEM PER FLORIDA BUILDING CODE AND FERNANDINA BEACH LAND DEVELOPMENT CODE.
2. PROVIDE IRRIGATION SYSTEM WITH DESIGN FEATURES PER LAND DEVELOPMENT CODE TABLE 4.05.03 (C). DESIGN OPTIONS FOR LANDSCAPE LANDSCAPING
 - MOISTURE SENSING CONTROLLER OTHER THAN RAIN SWITCH.
 - LANDSCAPE PLAN DEPICTS LOW, MODERATE, AND HIGH WATER USAGE ZONES AND GROUPING OF PLANTS INTO HYDROZONES.
3. THE LANDSCAPE AREAS SHALL BE PROVIDED WITH AN IRRIGATION SYSTEM OF SUFFICIENT CAPACITY TO MAINTAIN THE LANDSCAPING IN A HEALTHY GROWING CONDITION. ALL IRRIGATION SYSTEMS SHALL BE DESIGNED, INSTALLED, AND MAINTAINED IN SUCH A MANNER AS NOT TO BE A NUISANCE TO ADJACENT PROPERTIES AND USES AND TO THE GENERAL PUBLIC. IRRIGATION SYSTEMS SHALL INCLUDE MOISTURE.
4. IRRIGATION SYSTEMS SHALL BE DESIGNED TO "STANDARDS AND SPECIFICATIONS FOR TURF AND LANDSCAPE IRRIGATION SYSTEMS," FIFTH EDITION, 2005, FLORIDA IRRIGATION SOCIETY, INC AND AS SUBSEQUENTLY AMENDED.
5. XERISCAPE AREAS MUST HAVE READILY AVAILABLE WATER SUPPLY TO PROVIDE TEMPORARY IRRIGATION UNTIL PLANTINGS ARE ESTABLISHED.
6. NATURAL AREAS AND NATIVE VEGETATION LEFT UNDISTURBED BY DEVELOPMENT MAY BE EXCLUDED FROM THE IRRIGATION SYSTEM.
7. NEW LANDSCAPE PLANS SHALL ACCOUNT FOR PLANT WATERING NEEDS AND GROUP PLANTS INTO "HYDROZONES." HYDROZONES AND THEIR CORRESPONDING IRRIGATION CATEGORY SHALL BE IDENTIFIED ON THE LANDSCAPE PLAN.
8. REFER TO THE LANDSCAPE PLANS WHEN TRENCING TO AVOID TREES AND SHRUBS. HAND DIG AROUND ANY EXISTING TREES AVOIDING THE DRIP LINES. DO NOT CUT ANY ROOTS OVER 2" IN DIAMETER TUNNEL THROUGH ANY KNOTS OVER 2" IN DIAMETER.
9. ALL MAINLINE PIPING SHALL BE BURIED TO A MINIMUM DEPTH OF 18" OF COVER. ALL LATERAL PIPING SHALL BE BURIED TO A MINIMUM DEPTH OF 12" OF COVER.
10. ALL POP-UP ROTORS AND SPRAYS SHALL BE INSTALLED USING AN 18" PVC FLEX PIPE CONNECTION. DO NOT USE POLYETHYLENE PIPE. USE WELDON 737 OR RED HOT CHRISTY'S BLUE GLUE ON ALL CONNECTIONS.
11. ADJUST ALL NOZZLES TO REDUCE WATER WASTE ON HARD SURFACES & BLDG. WALLS. THROTTLE ALL VALVES ON SHRUB LINES AS REQUIRED TO PREVENT FOGGING. USE ADJUSTABLE NOZZLES WHERE REQUIRED TO AVOID ANY WATER ON BUILDING WINDOWS.
12. ALL RISERS SHALL BE PAINTED BLACK OR A COLOR CHOSEN BY THE OWNER'S REPRESENTATIVE (IF ALLOWED BY CODE) AND SHALL BE STAKED WITH A STEEL ANGLE AND SECURED WITH STAINLESS STEEL CLAMPS. LEAVE THE BOTTOM 12" OF THE PIPE PURPLE ON RECLAIMED SYSTEMS.
13. ALL CONTROL WIRE CONNECTIONS SHALL BE MADE IN VALVE BOXES USING 3M DBR-V WIRE CONNECTORS AND SEALANT WITH WIRE NUTS.
14. THE CONTRACTOR SHALL PREPARE AN AS-BUILT DRAWING SHOWING ALL IRRIGATION INSTALLATION. THE CONTRACTOR SHALL NEATLY MARK IN RED INK ON A WHITE BOND PAPER COPY OF THE IRRIGATION PLAN ANY INSTALLATION THAT DEVIATES FROM THE PLAN. THE AS-BUILT DRAWING SHALL ALSO LOCATE ALL MAINLINE AND VALVES BY SHOWING EXACT MEASUREMENTS FROM HARD SURFACES. MEASUREMENTS SHALL BE MARKED ON THE PLAN EVEN WHEN THE EQUIPMENT IS INSTALLED IN THE EXACT LOCATION AS THE PLAN. PROVIDE THE OWNER A PDF OF THE AS BUILT PLAN.
15. ALL VALVES, GATE VALVES AND QUICK COUPLERS SHALL BE INSTALLED IN VALVE BOXES. THE VALVE BOXES SHALL BE PURPLE WHEN USING RECLAIMED WATER.
16. ALL LINES SHALL BE INSTALLED ON THE PROPERTY AND INSIDE THE LANDSCAPE AREAS OR INSIDE A SCH. 40 SLEEVE.
17. ALL HEADS SHALL BE INSTALLED A MINIMUM OF 24" FROM ANY WALL AND A MINIMUM OF 6" FROM ANY SIDEWALK, PATIO OR ROAD. (MINIMUM OF 2' WHERE THERE ARE NO BUMPER STOPS) THE EXACT HEIGHT OF ANY 12" POP-UP THAT IS SHOWN IN A SHRUB BED SHALL BE DETERMINED BY THE OWNER'S REPRESENTATIVE IN THE FIELD. INSTALL THE 12" POP-UP HIGHER WHERE BLOCKED BY TALL SHRUBS.
18. THE CONTRACTOR SHALL EXERCISE CARE SO AS NOT TO DAMAGE ANY EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REPAIRS AND COST OF ANY DAMAGE CAUSED BY THEIR WORK.
19. ALL WORK SHALL BE GUARANTEED FOR ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE AGAINST ALL DEFECTS IN EQUIPMENT AND WORKMANSHIP (OR AS OUTLINED IN THE WRITTEN SPECIFICATIONS).
20. ELECTRICAL SERVICE TO LOCATION OF THE CONTROLLER, WELL OR PUMP SHALL BE PROVIDED TO A JUNCTION BOX OR DISCONNECT AT THE EQUIPMENT LOCATION BY THE ELECTRICAL CONTRACTOR. CONFIRM THE LOCATION OF THE CONTROLLER WITH THE OWNER OR GENERAL CONTRACTOR BEFORE ANY INSTALLATION.
21. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SCALE THE PLAN AND CHECK NOZZLE TYPES TO DETERMINE THE CORRECT SPACING OF THE HEADS. THE CONTRACTOR SHALL NOT SPACE THE HEADS FURTHER APART OR USE LARGER HEADS THAN SHOWN ON THE PLAN. ANY CHANGES TO THE HEAD SPACING OR LAYOUT, WITHOUT THE CONSENT OF THE ARCHITECT OR OWNER, SHALL HOLD THE IRRIGATION CONTRACTOR RESPONSIBLE FOR WARRANTY OF THE PLANTS AND/OR SOD IN THESE AREAS.
22. 48 HOURS BEFORE DIGGING, CALL 1-800-432-4770 (SUNSHINE STATE ONE CALL CENTER).
23. INSTALL THREE EXTRA CONTROL WIRES TO EACH TERMINATION OF THE MAIN. ALL CONTROL WIRES SHALL BE INSTALLED INSIDE OF SCH. 40 GRAY PVC CONDUIT WHERE THEY CANNOT BE UNDER THE MAIN.

1. THE CONTRACTOR SHALL CONSTRUCT BY A METHOD APPROVED BY THE GOVERNING WATER MANAGEMENT DISTRICT, A SHALLOW WELL (S) FOR THE OPERATION OF THE IRRIGATION SYSTEM. THE WELL (S) SHALL YIELD 25 GALLONS PER MINUTE WITH NO MORE THAN 20 INCHES OF VACUUM MEASURED AT THE PUMP INLET.

2. THE WELL SHALL BE INSTALLED PER STATE FLORIDA BUILDING CODE PLUMBING 7TH EDITION (2020) APPENDIX F (H. PUMPS) AND LOCAL CODE REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FEES AND PERMITS REQUIRED TO CONNECT TO WATER SOURCE AT PRODUCTION WELL STATION ID: 22070 PER CITY OF FERNANDINA BEACH AIRPORT COMSUTIVE USE PERMIT 927.

3. THE CONTRACTOR SHALL FURNISH AND INSTALL SELF PRIMING CENTRIFUGAL PUMP. THE PUMP SHALL BE CAPABLE OF PRODUCING 25 GALLONS PER MINUTE AT 80 T.D.H. (TOTAL DYNAMIC HEAD) MEASURED AT PUMP DISCHARGED AS REQUIRED TO IRRIGATE SITE PER LANDSCAPE PLAN AND THE CITY OF FERNANDINA BEACH LAND DEVELOPMENT CODE. THE PUMP SHALL BE INSTALLED USING THE FOLLOWING EQUIPMENT AND MATERIALS. ALL EQUIPMENT MAY NOT BE LISTED. THE CONTRACTOR SHALL BE RESPONSIBLE TO FURNISH AND INSTALL ALL NECESSARY EQUIPMENT FOR THE OPERATION OF THE WELL PUMP AND ITS CONNECTION TO THE IRRIGATION SYSTEM.

- ABOVE GROUND GALVANIZED PIPING
- UNIONS ON SUCTION AND DISCHARGE
- PRIMING TEE
- CONCRETE PAD
- PRESSURE RELIEF VALVE
- CENTRIFUGAL BAND SEPARATOR (DISCHARGE)
- ALL NECESSARY ELECTRICAL WIRE, SWITCHES AND CONDUIT
- ISOLATION VALVE
- SILENT CHECK VALVE
- MAGNETIC STARTER FOR THREE PHASE SYSTEMS AS REQUIRED

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND CONNECTION OF ALL THE ABOVE EQUIPMENT AND THE CONNECTION TO THE IRRIGATION SYSTEM.
5. POWER FOR THE OPERATION OF THE WELL PUMP SHALL BE SUPPLIED TO A JUNCTION BOX AT THE WELL LOCATION. COORDINATE ALL POWER REQUIREMENTS WITH THE OWNER OR GENERAL CONTRACTOR.
6. BEFORE GETTING THE PUMP THE CONTRACTOR SHALL PROVIDE A WATER QUALITY ANALYSIS TO THE ARCHITECT TO CONFIRM PRODUCTION WELL IS IN GOOD OPERATIONAL CONDITION.
7. BEFORE SETTING THE PUMP THE CONTRACTOR SHALL NOTIFY THE IRRIGATION DESIGNER OF THE STATIC WATER LEVEL OR DETERMINE IF THE PUMP CAN PROVIDE THE PROPER GPM AND PSI FOR THE OPERATION OF THE IRRIGATION SYSTEM.
8. THE CONTRACTOR SHALL BE RESPONSIBLE TO VISIT THE SITE AND BECOME FAMILIAR WITH THE LOCATION OF THE PRODUCTION WELL. IF IT SHALL BE HIS RESPONSIBILITY TO NOTIFY THE OWNER IF HE FEELS THE LOCATION SHOULD BE MOVED. THE OWNER SHALL NOT BE RESPONSIBLE TO PAY FOR ANY WELL OR PART OF A WELL THAT DOES NOT MEET THE FULL INTENT OF THESE SPECIFICATIONS.



N.T.S.



Stamp:



Client:

CITY OF FERNANDINA
BEACH

204 Ash Street
Fernandina Beach, FL 32034

4730 Casa Cola Way, Suite 200 (904) 757-6106
St. Augustine, FL

Principal in Charge Bradley Wentz, PE
Project Manager Christopher Nardone, AIA
Designed by Pamela Torrez

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600 AIRPORT ROAD

FERNANDINA FIRE STATION
NO.2

Town/City: Fernandina Beach
County: Nassau State: Florida

Project No.: 99000047.0086

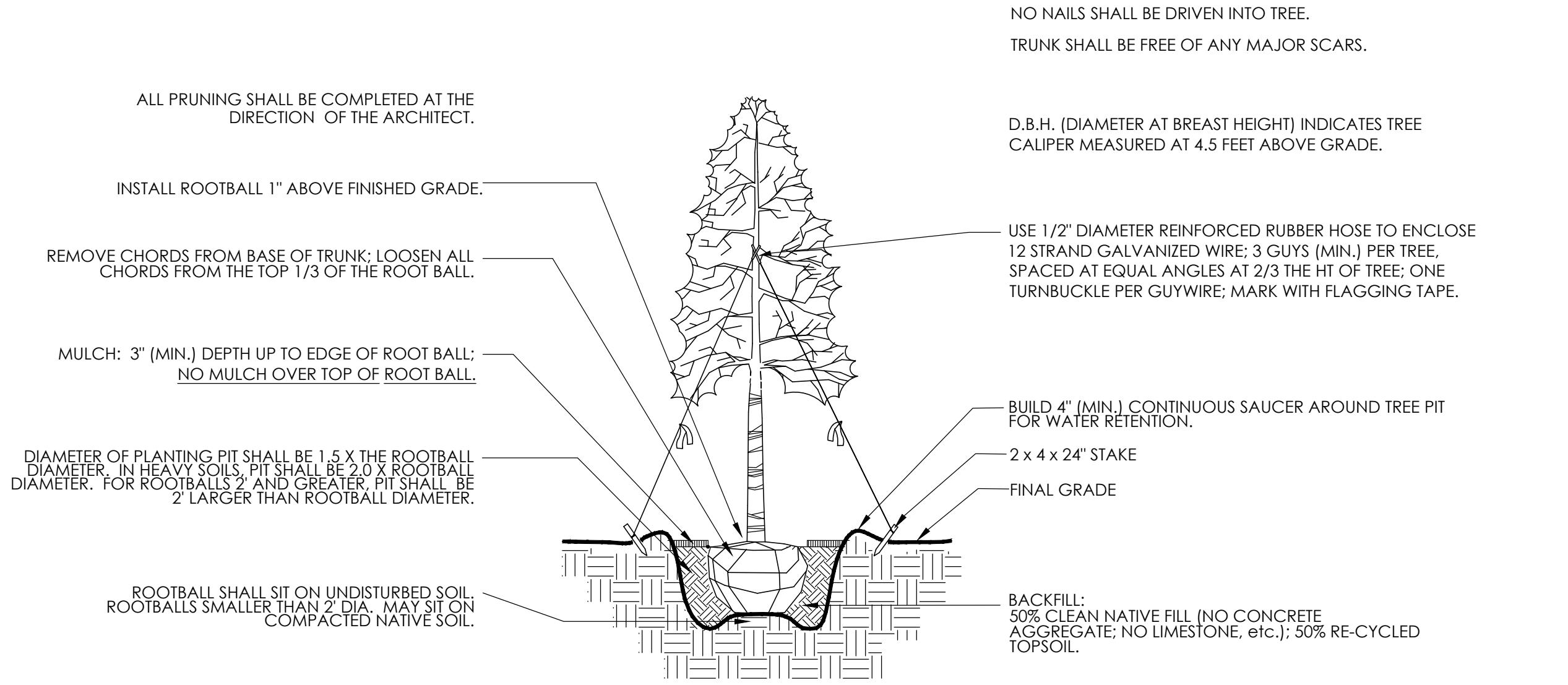
Drawing No.:

L-003

Date:

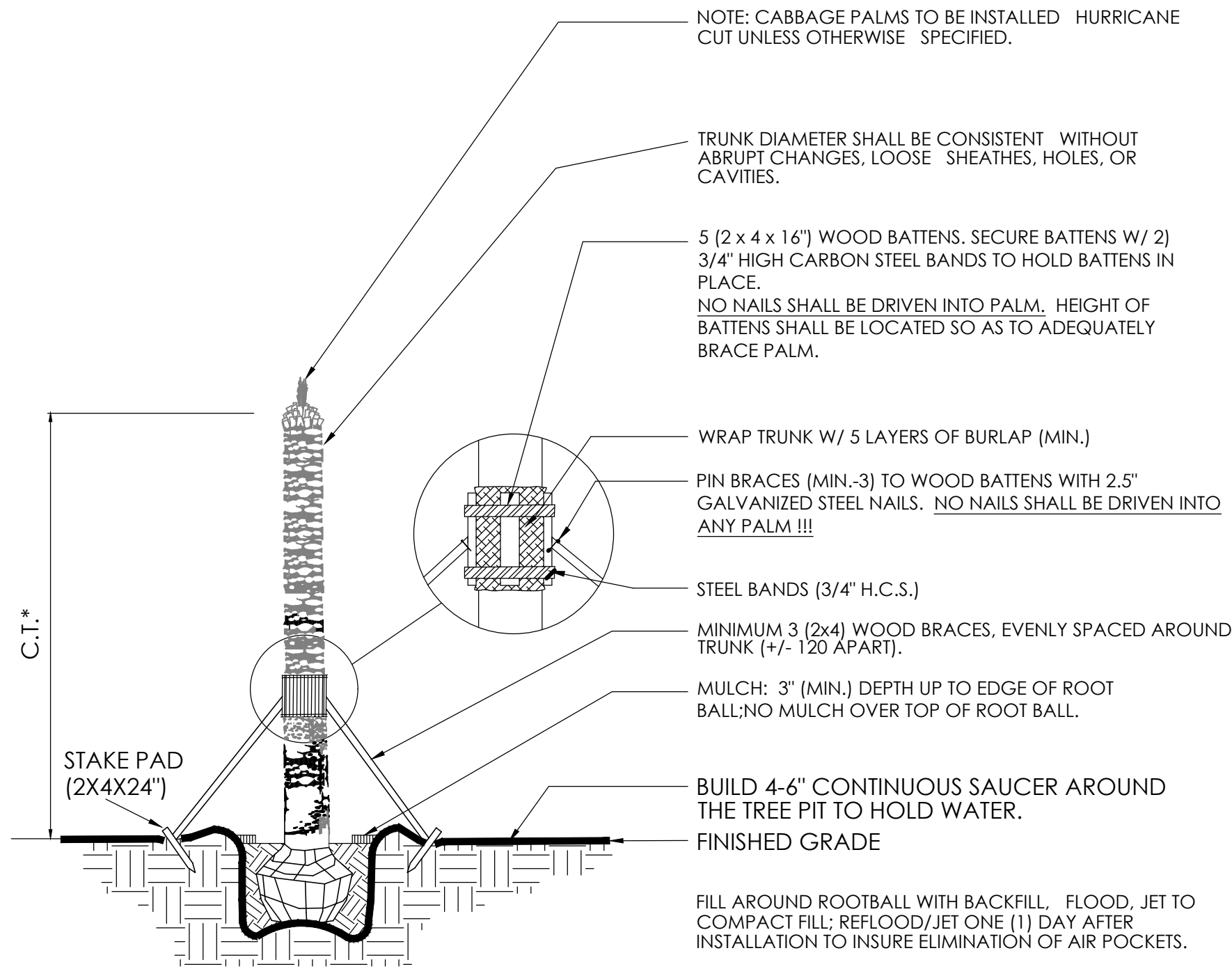
May 20 2021

Drawing name: Y:\Projects-New\1999\99000047 SE Fire House\Drawings\Engineering\FLORIDA SPT\L-003 Trees details.dwg L004 May 19, 2021 8:39pm by: pjorrez



TREE PLANTING (1.5-3" DBH)

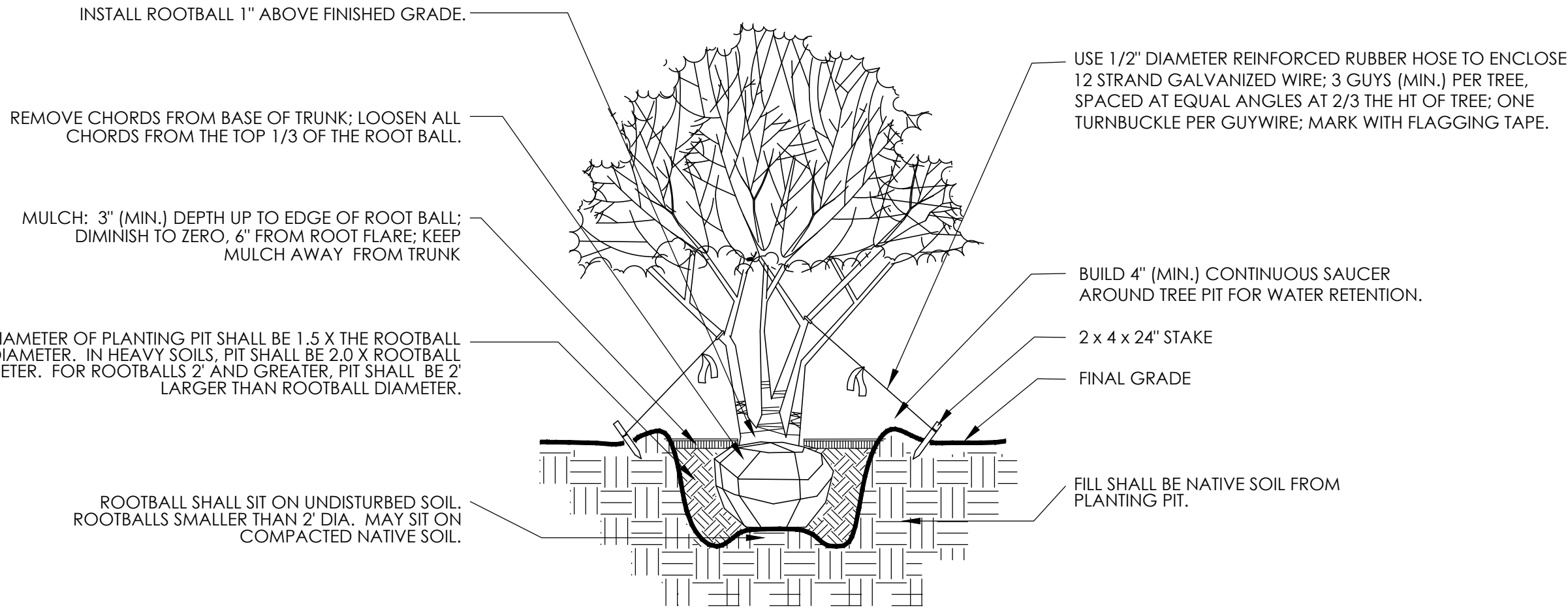
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TYPICAL SABAL PALM PLANTING

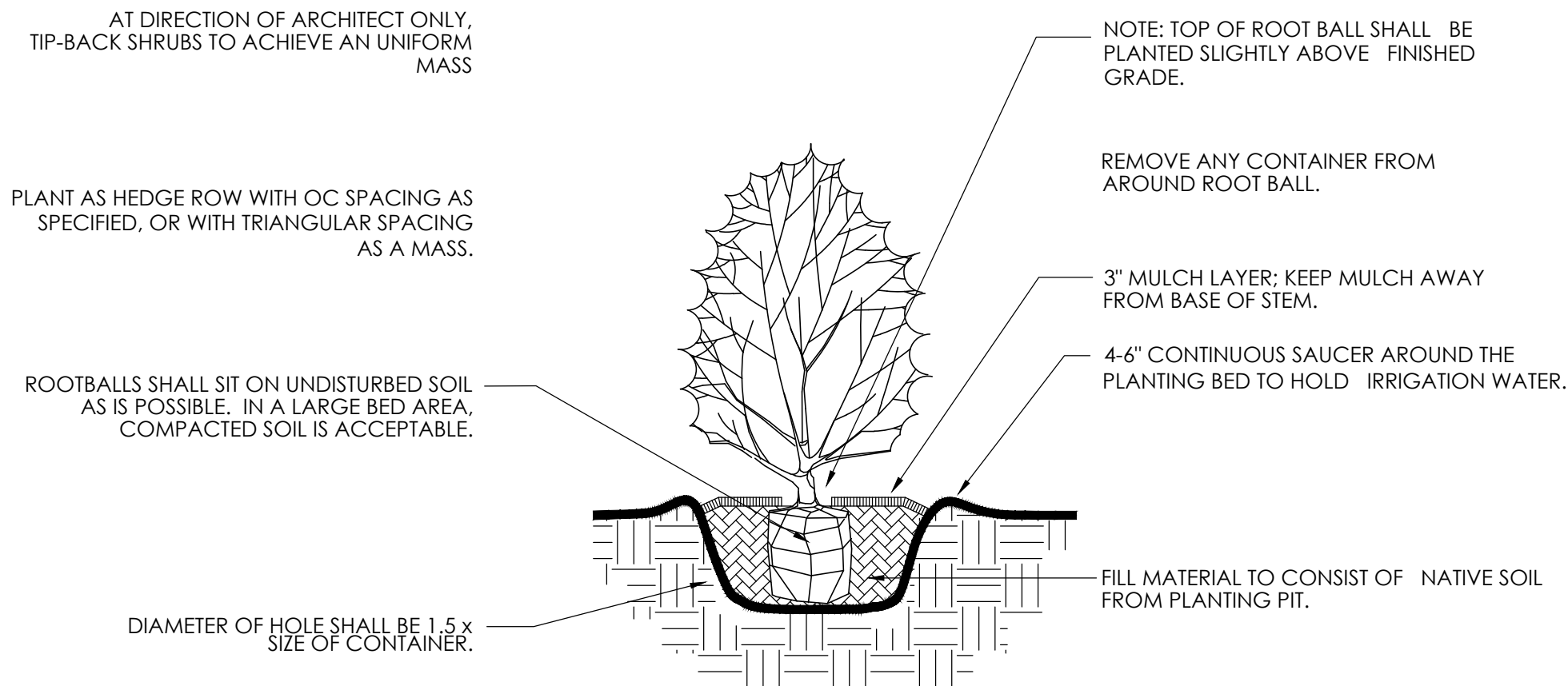
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ALL PRUNING SHALL BE COMPLETED AT THE DIRECTION OF THE LANDSCAPE ARCHITECT.



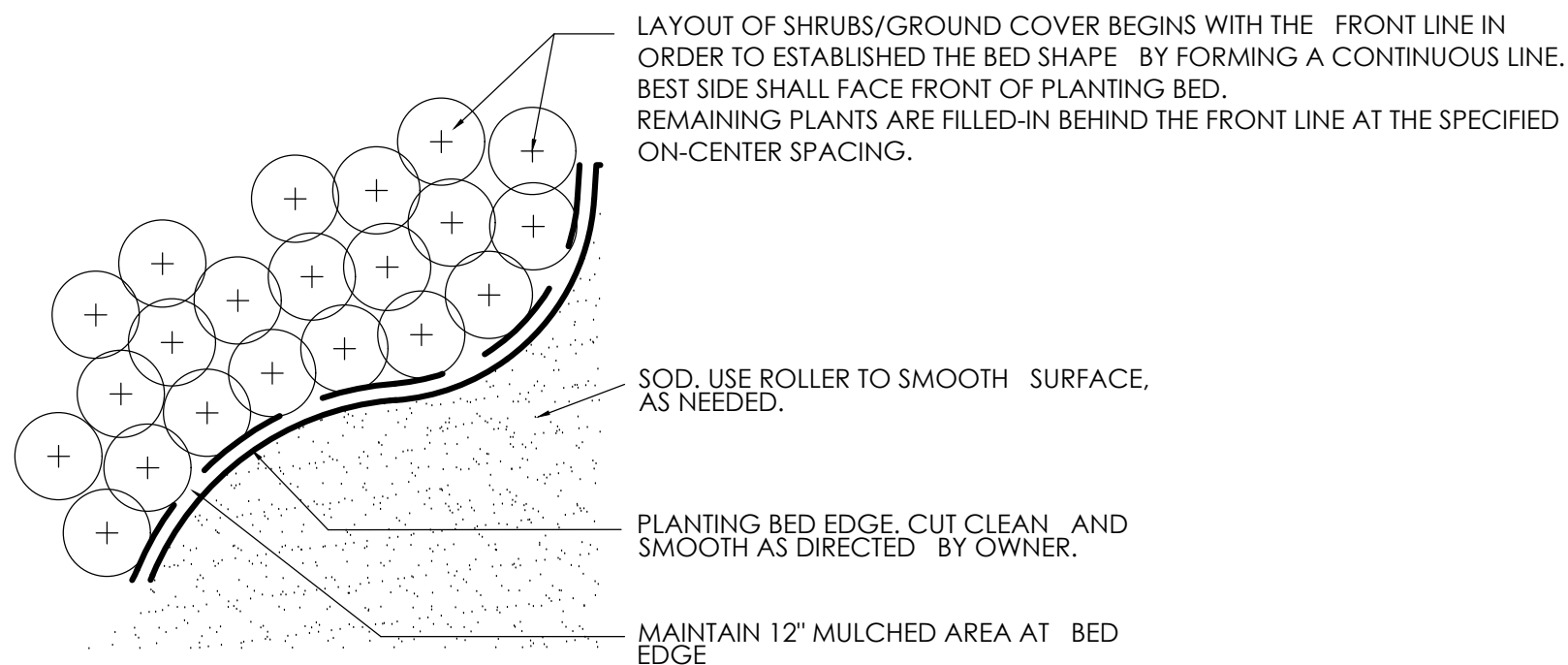
MULTI-TRUNK TREE STANDARD

N.T.S.



STANDARD SHRUB PLANTING

N.T.S.



SHRUB AND GROUND COVER LAYOUT

N.T.S.

TRC SET

Stamp:



Client:

CITY OF FERNANDINA
BEACH



204 Ash Street
Fernandina Beach, FL 32034

Passero Associates

4730 Casa Cole Way, Suite 200
St. Augustine, FL (904) 757-6106

Principal in Charge
Project Manager
Designed by
Bradley Wentz, PE
Christopher Nordone, AIA
Pamela Torres

No.	Date	By	Description

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LANDSCAPE
DETAILS

600 AIRPORT ROAD

FERNANDINA FIRE STATION
NO.2

Town/City: Fernandina Beach
County: Nassau State: Florida

Project No.:

99000047.0086

Drawing No.:

L-004

Date:

May 20 2021

CONTRACTOR'S REQUIREMENTS

CONTRACTOR'S REQUIREMENTS

GENERAL		CONSTRUCTED ON UNDISTURBED SOIL AND THE AREA BELOW THE LEVEL UP IS STABILIZED. THE WATER SHOULD NOT BE ALLOWED TO RECONCENTRATE AFTER RELEASE. LEVEL SPREADER SHALL BE CONSTRUCTED IN ACCORDANCE TO STANDARD DETAIL D-914.		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.		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.		* 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. A COPY OF THE REPORT FORM TO BE COMPLETED BY THE INSPECTOR IS ATTACHED. 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 DATE THAT THE SITE IS FINALLY STABILIZED AND THE NOTICE OF TERMINATION IS SUBMITTED THE REPORTS SHALL IDENTIFY ANY INCIDENTS OF NON-COMPLIANCE. * 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.	
SEQUENCE OF MAJOR ACTIVITIES:									
THE ORDER OF MAJOR ACTIVITIES WILL BE AS FOLLOWS:		1. SET UP CONTRACTOR STAGING AREA & HAUL RD. 2. SET UP MAINTENANCE & PROTECTION OF TRAFFIC MEASURES. 3. INSTALL SILT FENCE AND OTHER EROSION CONTROL MEASURES AS SPECIFIED IN PLANS. 4. DEMOLITION. 5. STRIP & STOCKPILE TOPSOIL. 6. EARTHWORK & BUILDING PAD. 7. STABILIZE DISTURBED AREAS & STOCKPILES WITHIN 14 DAYS OF LAST CONSTRUCTION ACTIVITY IN THAT AREA. 8. INSTALLATION OF UTILITIES AND STORM SEWERS. 9. ELECTRICAL NEW LIGHTING, ELECTRICAL WIRING & ASSOCIATED WORK. 10. CONSTRUCT NEW PAVEMENT AND BUILDING FOUNDATION. 11. CONTINUE WITH BUILDING CONSTRUCTION & BEGIN BUILDING ERECTION. 12. WHEN PAVEMENT STRUCTURE IS COMPLETE, INSTALL FINAL PAYMENT MARKINGS. 13. REMOVE ALL HAUL ROADS AND MOT MEASURES. 14. FINAL GRADING, SEEDING, MULCHING, SODDING AND LANDSCAPING OF ALL DISTURBED AREAS. 15. COMPLETE BUILDING CONSTRUCTION. 16. REMOVE ANY REMAINING TEMPORARY EROSION CONTROL MEASURES ONCE GROUND COVER IS ESTABLISHED.		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 SEEDDED 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 SEEDDED AREA ADEQUATE TO PREVENT MOVEMENT OF SEED AND MULCH. 10. TEMPORARY GRASSING: THE SEEDDED OR SEEDDED AND MULCHED AREA(S) SHALL BE ROLLED AND WATERED OR HYDROMULCHED 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 SEEDDED. THE SEEDING MIX MUST PROVIDE BOTH LONG-TERM VEGETATION AND RAPID GROWTH SEASONAL VEGETATION. SLOPES STEEPER THAN 4:1 SHALL BE SEEDDED AND MULCHED OR SODDED.		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 DISPOSED 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 SWEEP 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 TARP/AULIN. INVENTORY FOR POLLUTION PREVENTION PLAN THE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED TO BE PRESENT ONSITE DURING CONSTRUCTION: ☐ Lights, Wires ☐ Seed ☐ Paints ☐ Topsoil ☐ Mulch ☐ Fertilizer ☐ Sod ☐ Select Granular Fill ☐ Lime rock subbase ☐ Bituminous Prime Coat ☐ Bituminous Tack Coat ☐ Steel Frames & Grates ☐ HDPE Conduit ☐ Reinforced Concrete Pipe ☐ Precast Concrete ☐ Asphalt Concrete ☐ Duct Banks ☐ PVC Conduit ☐ Silt Fence ☐ Rebar 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 STORMWATER 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 WILL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE. 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	



TRC SET

Stamp:



5/19/2021

Client:
**CITY OF FERNANDINA
BEACH**



204 Ash Street
Fernandina Beach, FL 32034

Passero Associates

4730 Casa Cola Way, Suite 200 (904) 757-6100
St. Augustine, FL

Principal in Charge
Project Manager
Designed by

[illegible]

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STORMWATER POLLUTION PREVENTION PLAN

600 AIRPORT ROAD

FERNANDINA FIRE STATION
NO.2

Town/City: Fernandina Beach
County: Nassau State: Florida

Project No. _____

99000047.0086

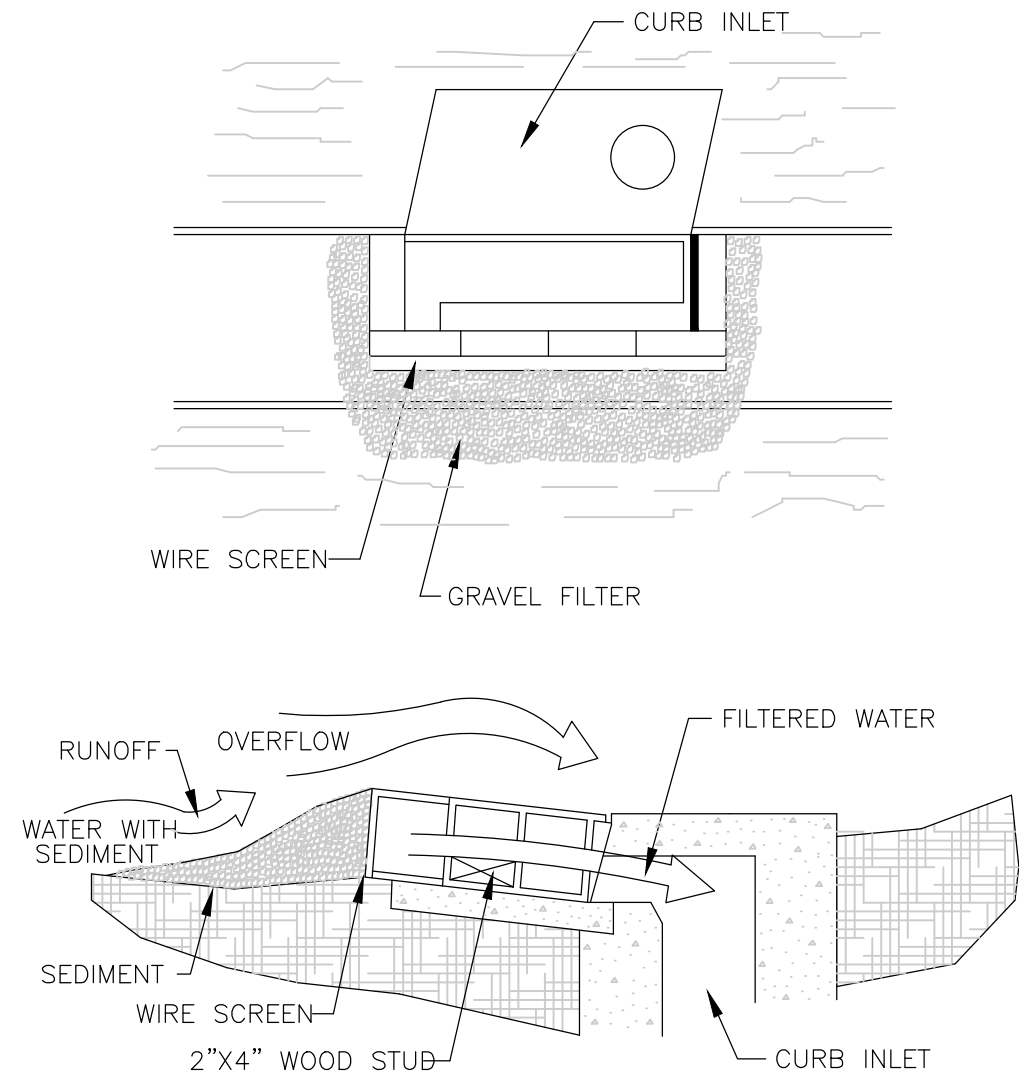
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C-601

Date _____

May 20 2021

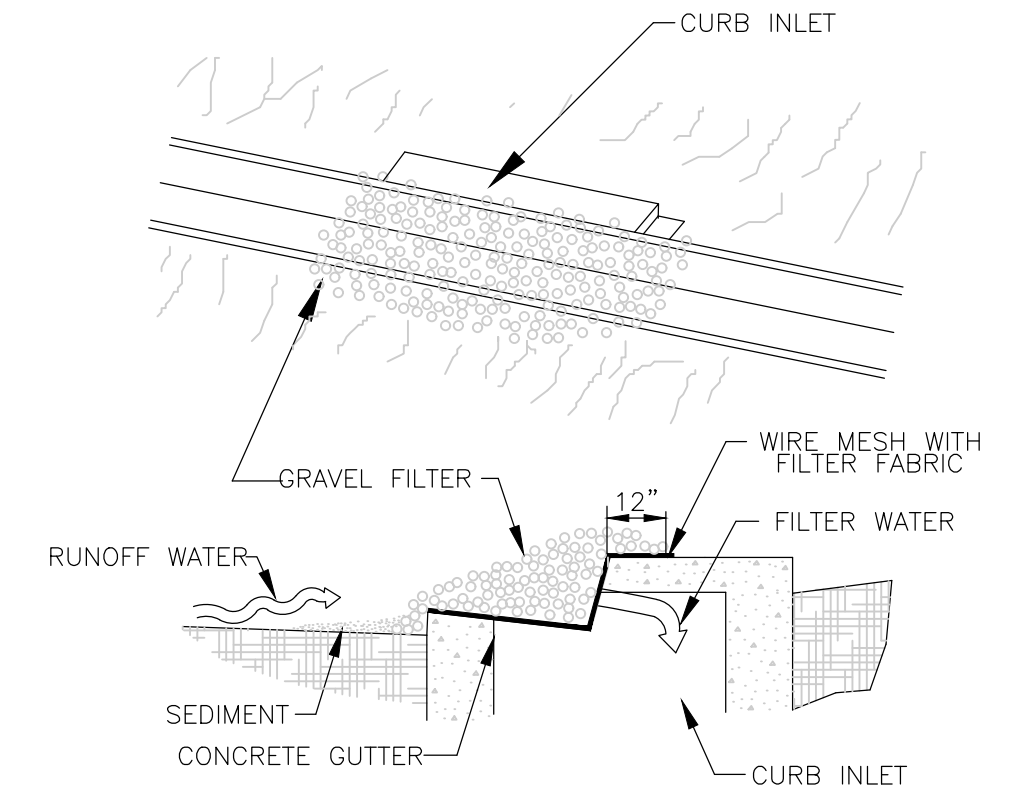
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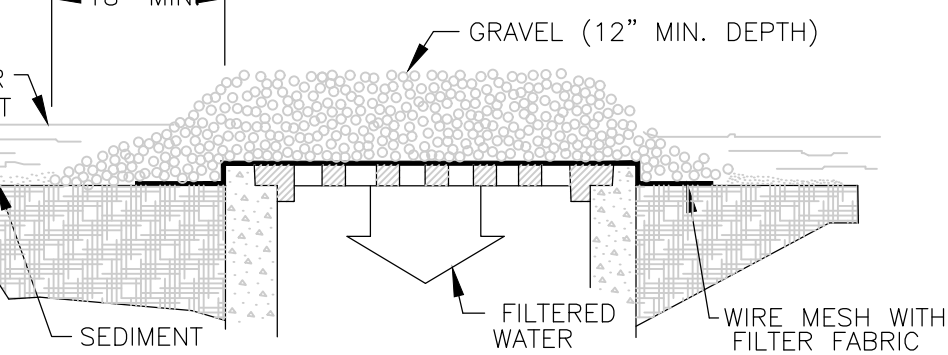
SPECIFIC APPLICATION
THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLETS WHERE AN OVERFLOW CAPABILITY IS NECESSARY TO PREVENT EXCESSIVE PONDING IN FRONT OF THE STRUCTURE.

BLOCK & GRAVEL CURB INLET SEDIMENT FILTER

(D-902)
N.T.S.



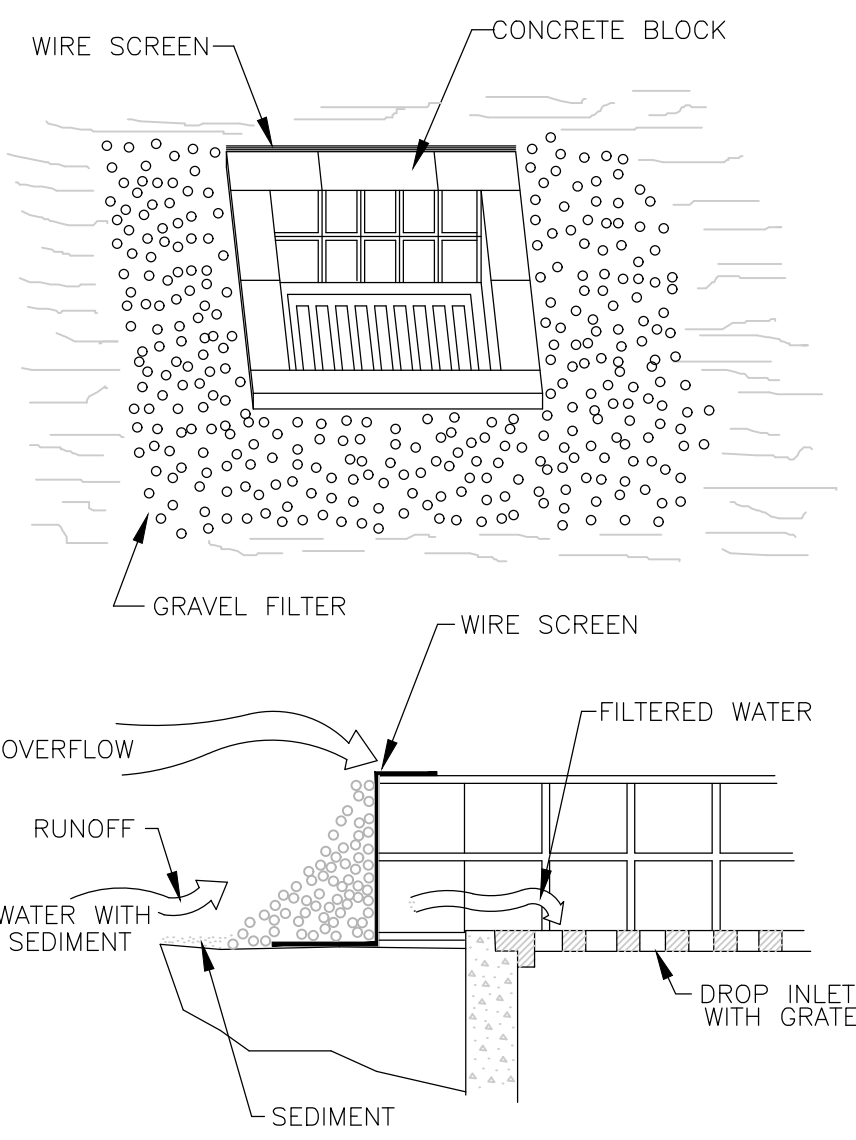
SPECIFIC APPLICATION
THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLETS WHERE PONDING IN FRONT OF THE STRUCTURE IS NOT LIKELY TO CAUSE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS.



SPECIFIC APPLICATION
THIS METHOD OF INLET 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 AND UNPROTECTED AREAS.

GRAVEL INLET SEDIMENT TRAP

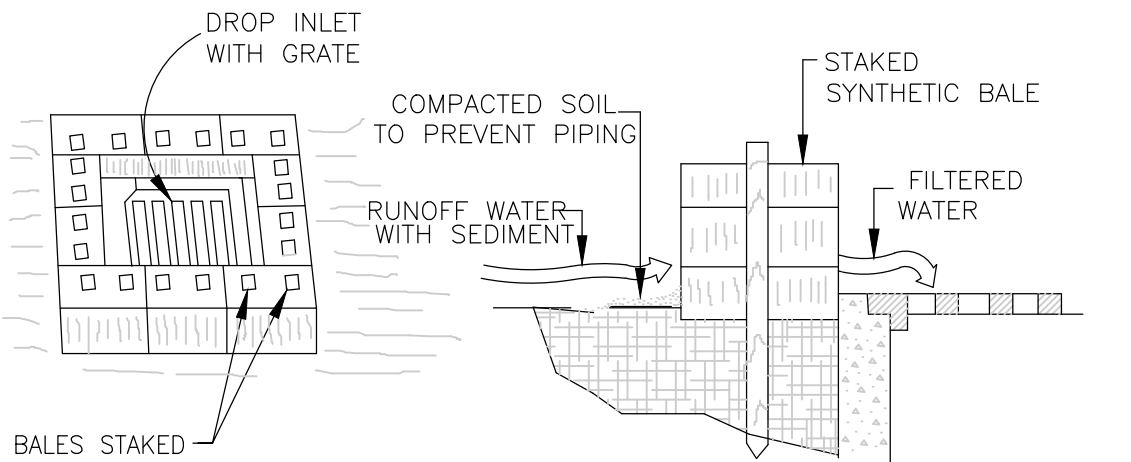
(D-903)
N.T.S.



SPECIFIC APPLICATION
THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY FLOWS ARE EXPECTED AND WHERE AN OVERFLOW CAPABILITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE.

BLOCK & GRAVEL DROP INLET SEDIMENT FILTER

(D-904)
N.T.S.

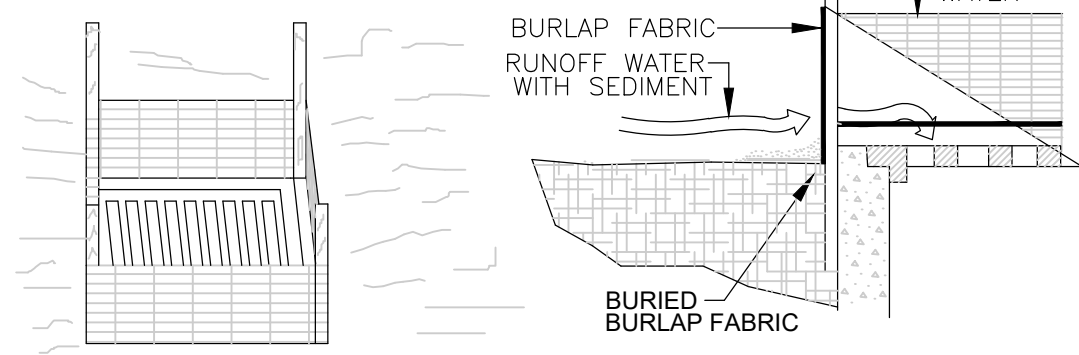


SYNTHETIC BALES STAKED WITH 2 STAKES PER BALE

SYNTHETIC BALE SEDIMENT FILTER

SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPES NO GREATER THAN 5 PERCENT) WHERE SHEET OR OVERLAND FLOWS (NOT EXCEEDING 0.5 CFS) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.

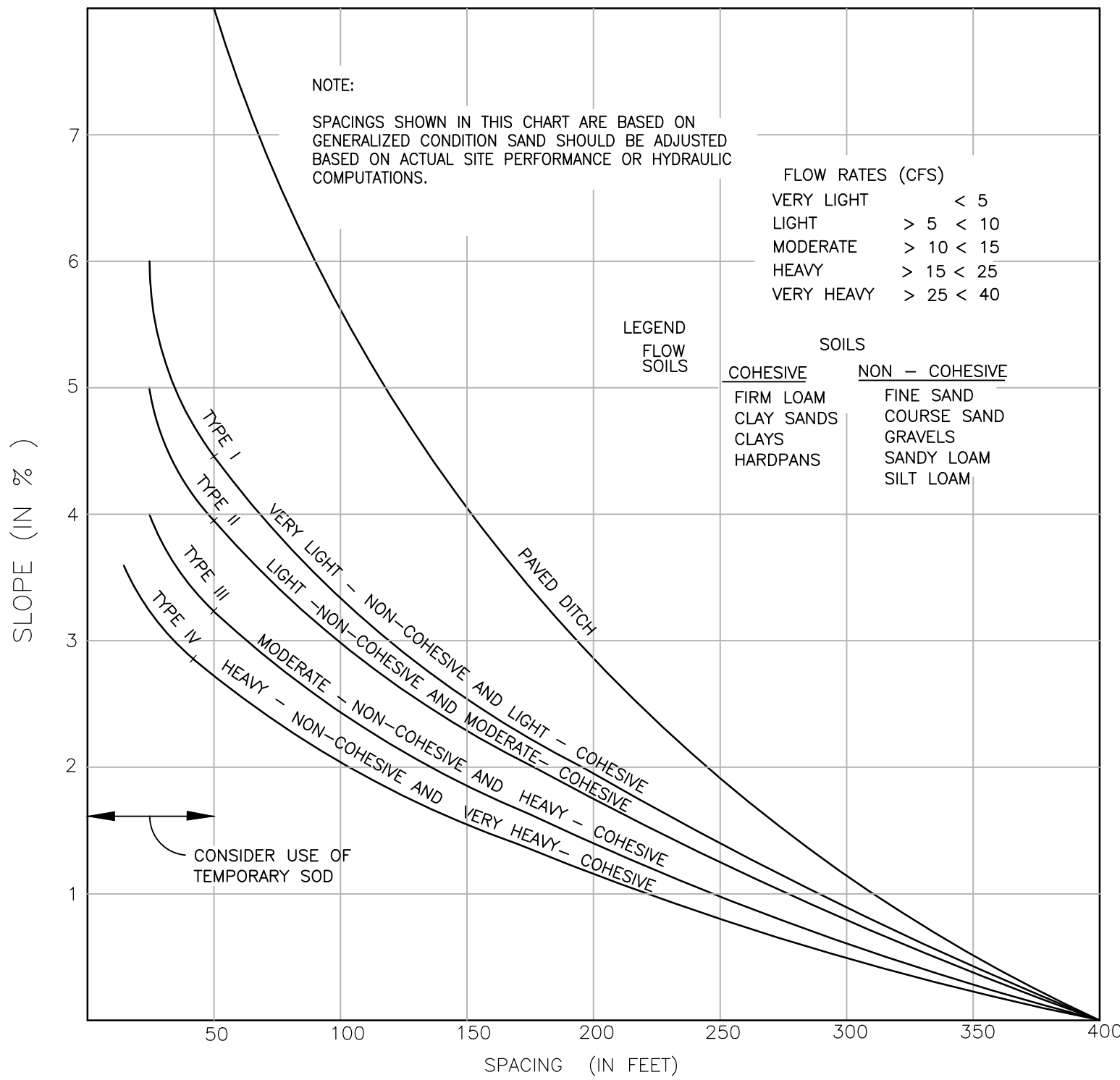


SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPES NO GREATER THAN 5 PERCENT) WHERE SHEET OR OVERLAND FLOWS (NOT EXCEEDING 0.5 cfs) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.

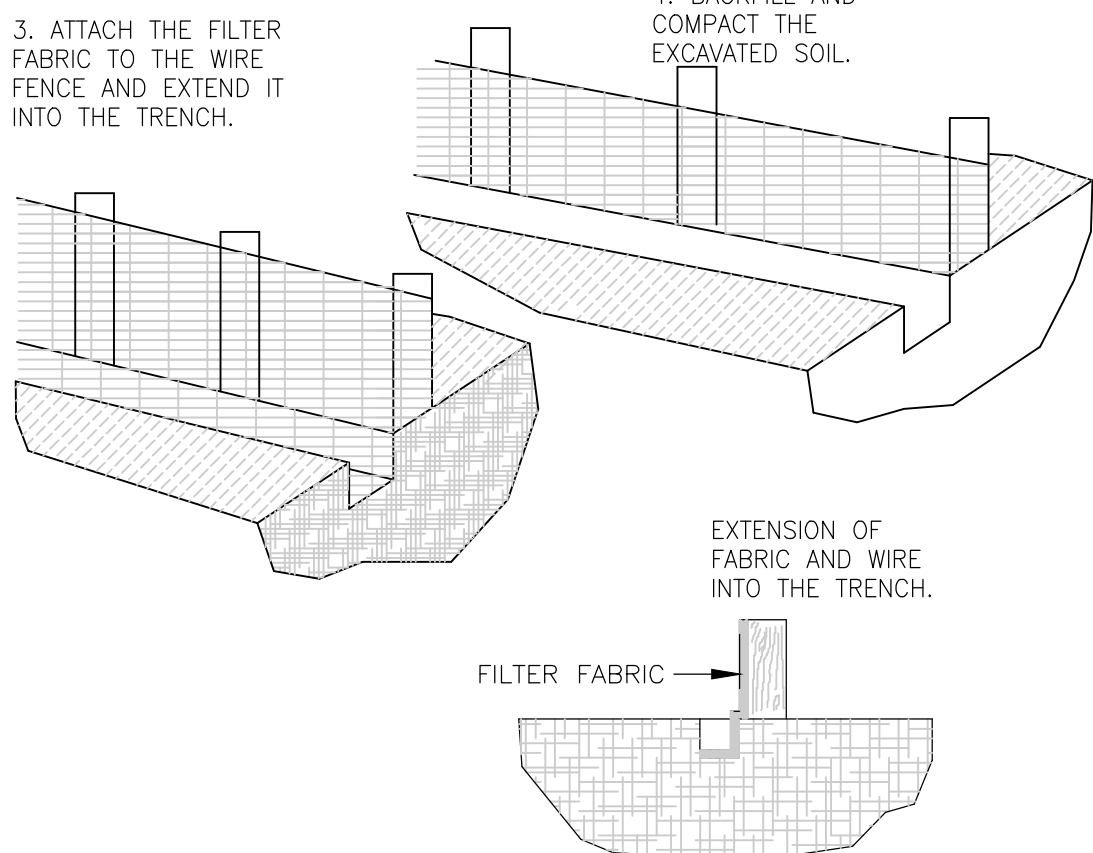
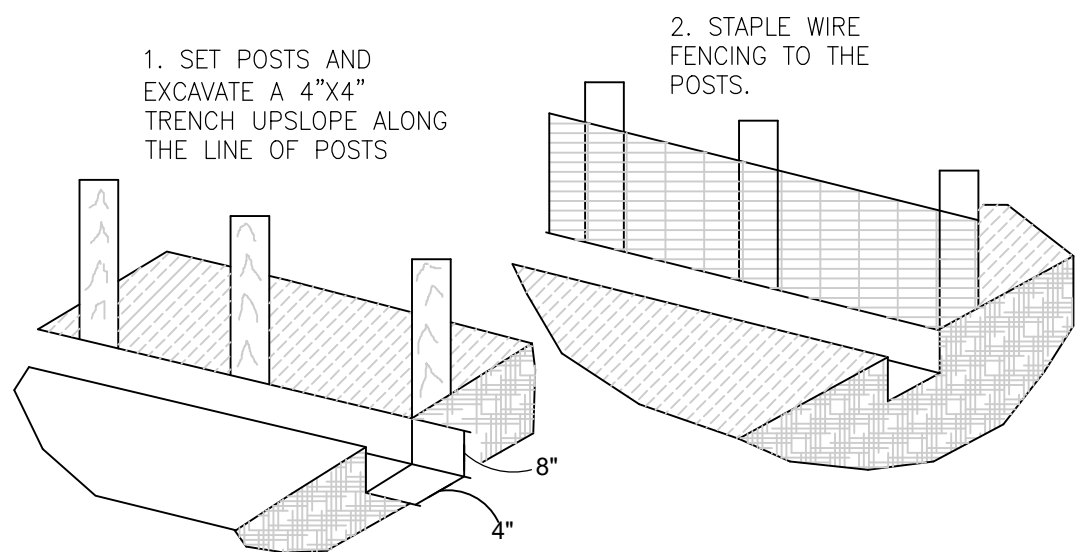
DROP INLET SEDIMENT TRAP

(D-905)
N.T.S.



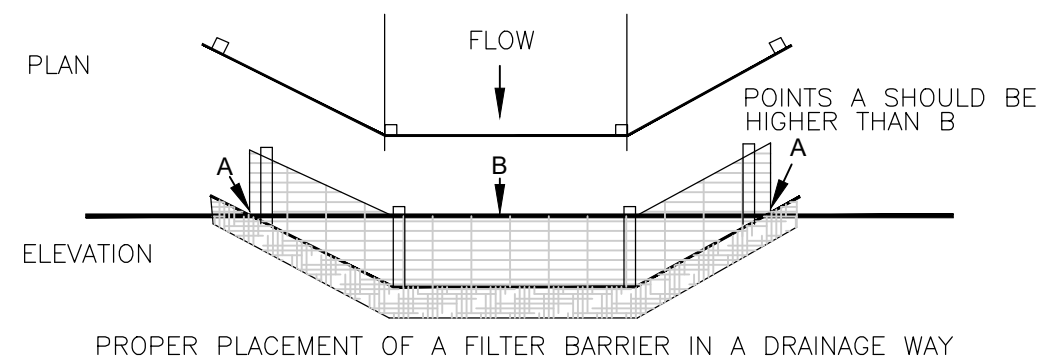
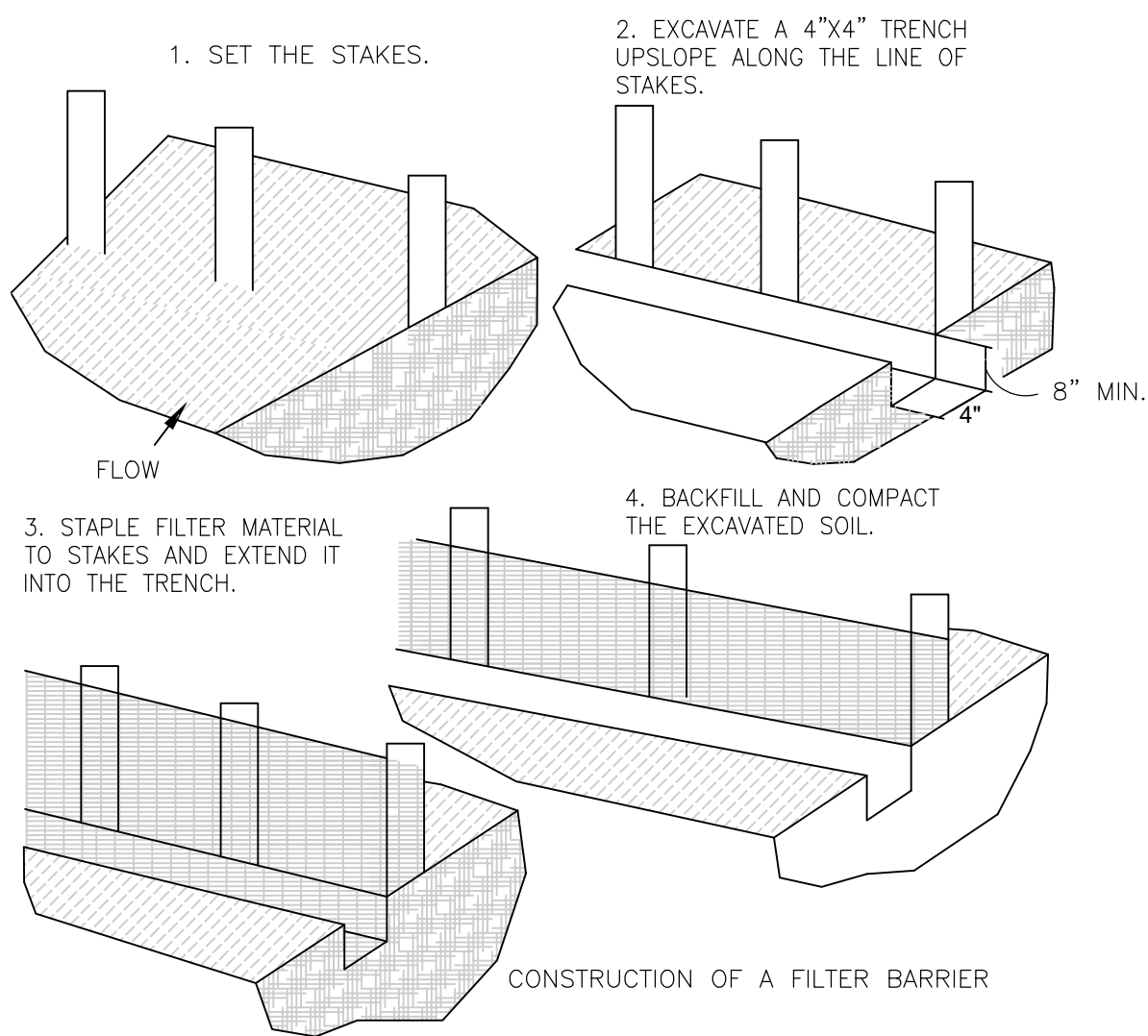
SPACING RECOMMENDATION FOR SILT FENCES & SYNTHETIC BALES

(D-906)
N.T.S.



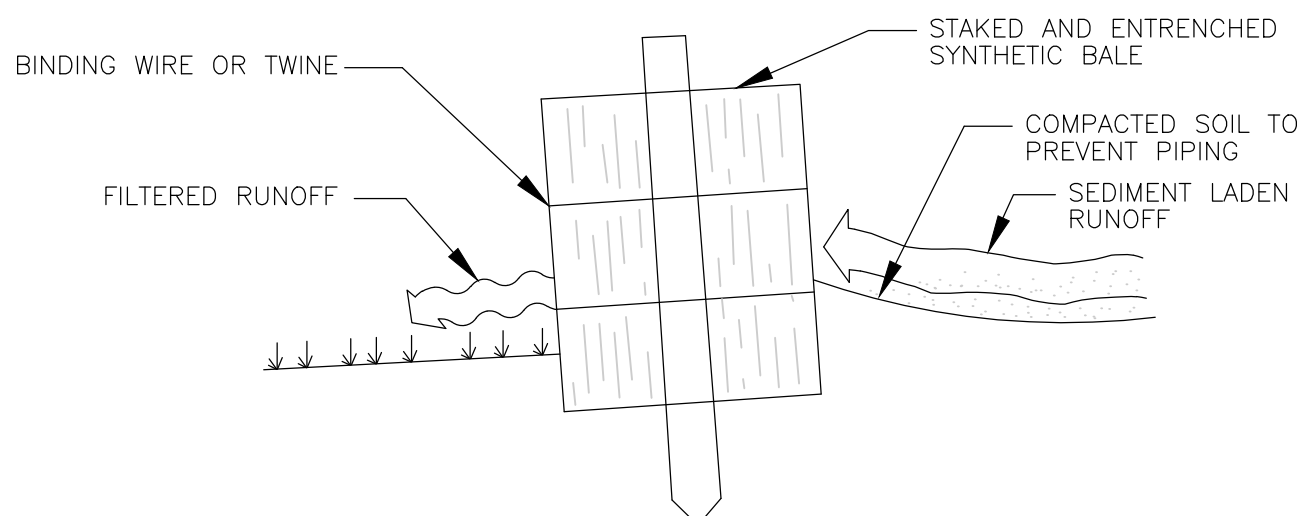
CONSTRUCTION DETAILS FOR SILT FENCES

(D-909)
N.T.S.



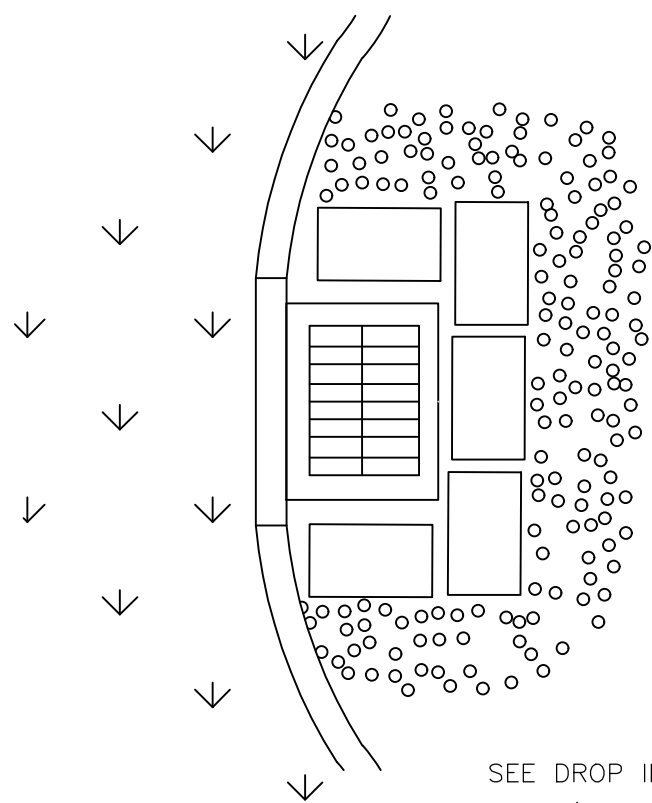
FILTER BARRIER CONSTRUCTION DETAIL

(D-910)
N.T.S.



CROSS-SECTION OF A PROPERLY INSTALLED STRAW BALE STAKED SYNTHETIC BALE

(D-911)
N.T.S.



ERECT SEDIMENT BARRIERS AT CATCH BASINS

(TYPICAL)
N.T.S.

TRC SET

Stamp:



Client:

CITY OF FERNANDINA BEACH



204 Ash Street
Fernandina Beach, FL 32034

Passero Associates

4730 Casa Cola Way, Suite 200
St. Augustine, FL (904) 757-6106

Principal in Charge: Bradley Wentz, PE
Project Manager: Christopher Nardone, AIA
Designed by: Pamela Torrez

No.	Date	By	Description

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STORMWATER POLLUTION PREVENTION PLAN

600 AIRPORT ROAD

FERNANDINA FIRE STATION
NO.2

Town/City: Fernandina Beach
County: Nassau State: Florida

Project No.:

99000047.0086

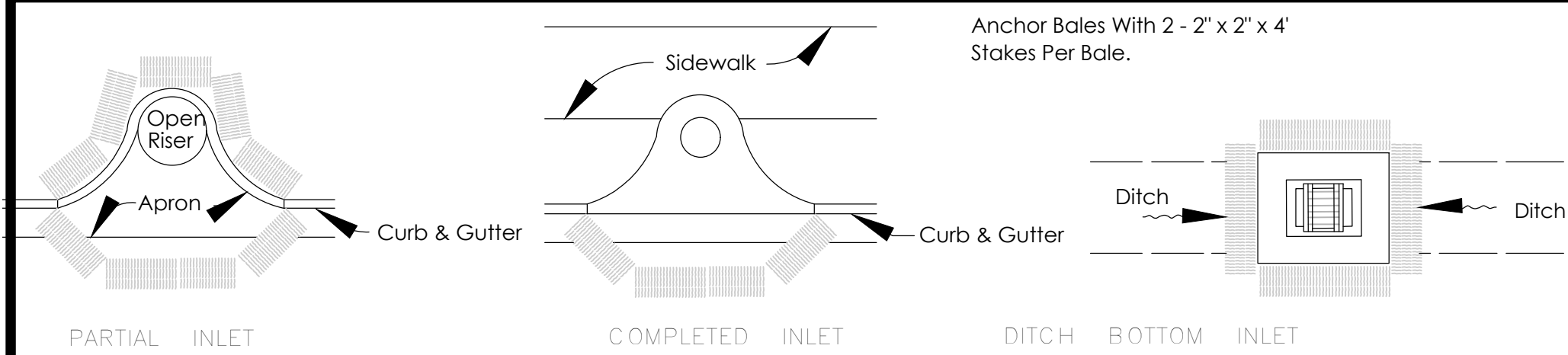
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C-602

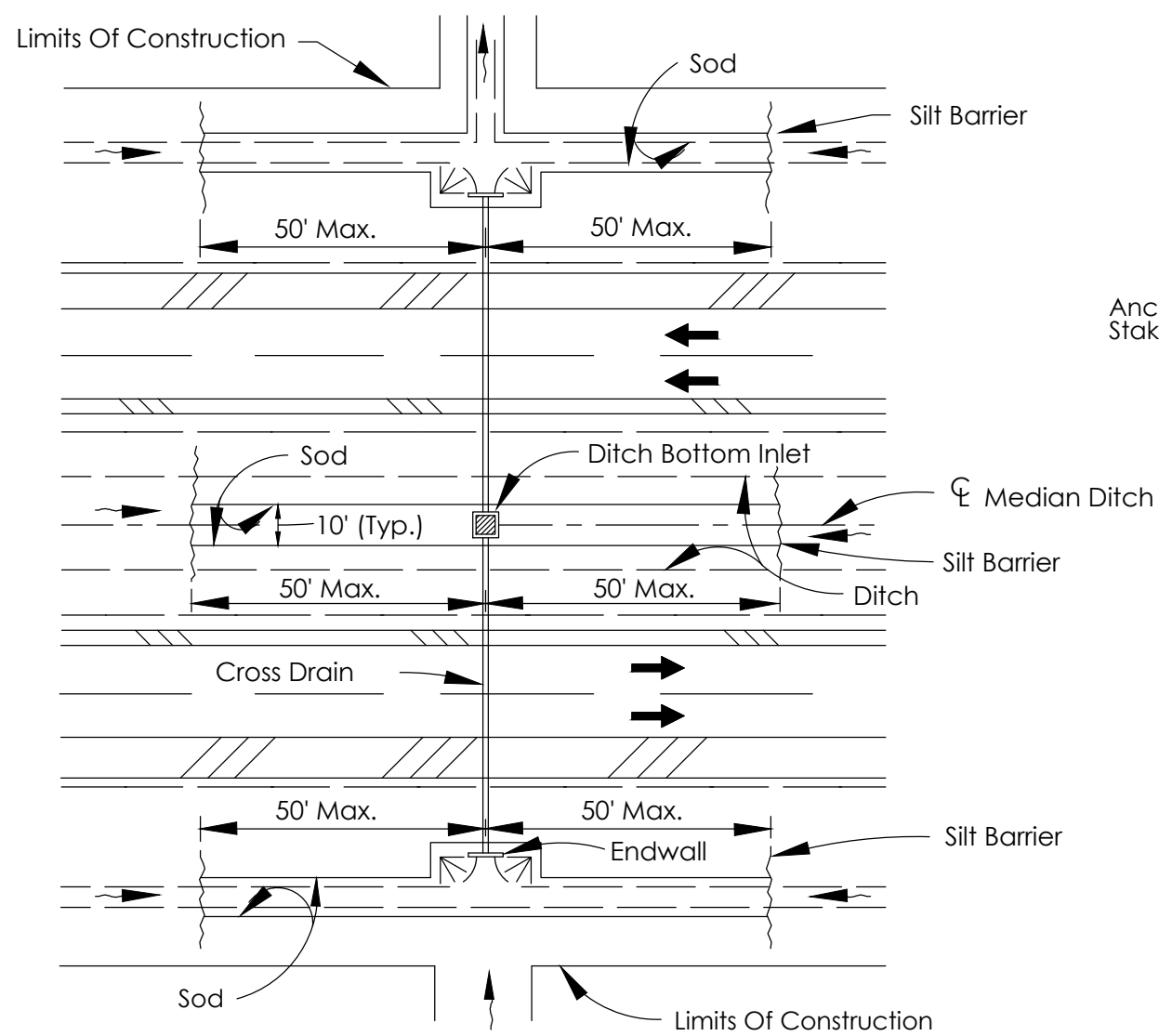
Date:

May 20 2021

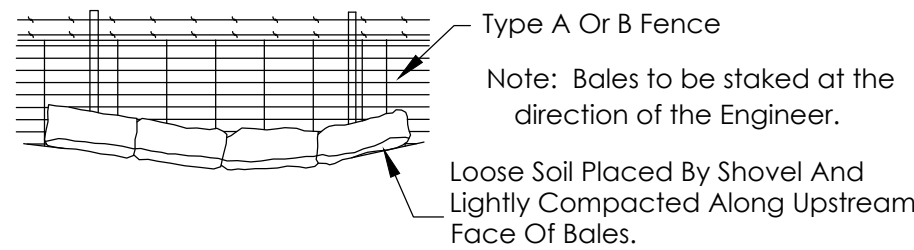
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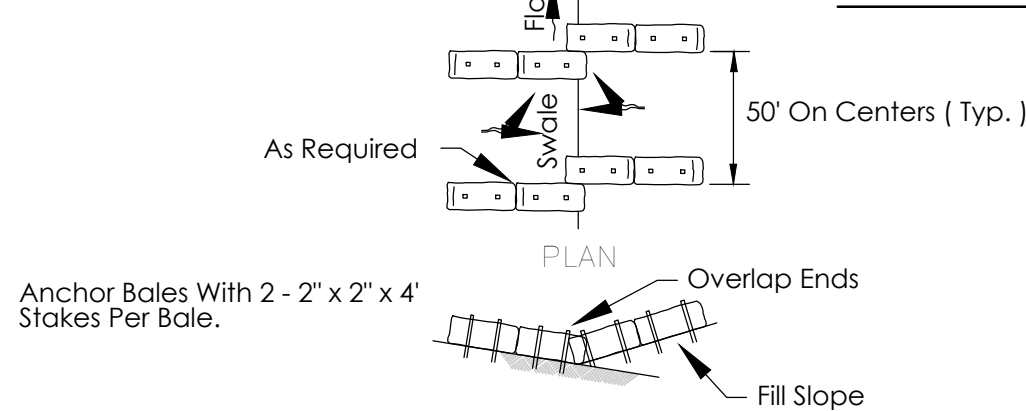
PROTECTION AROUND INLETS OR SIMILAR STRUCTURES



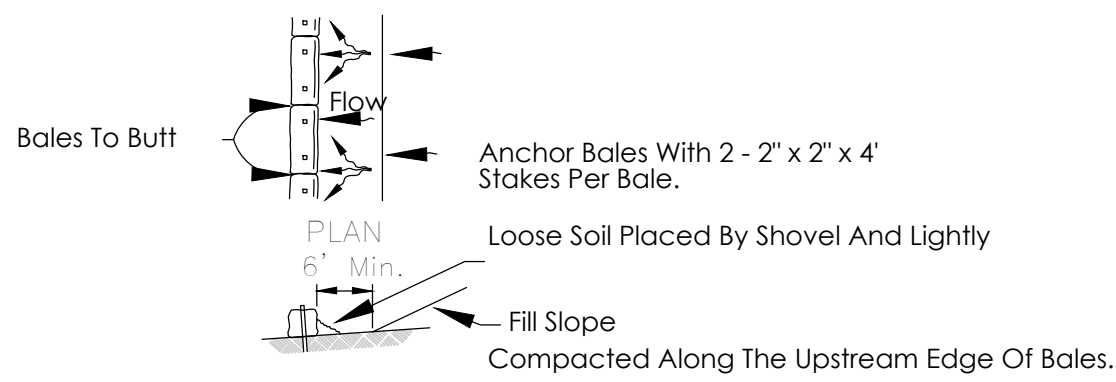
DITCH INSTALLATIONS AT DRAINAGE STRUCTURES



BALES BACKED BY FENCE

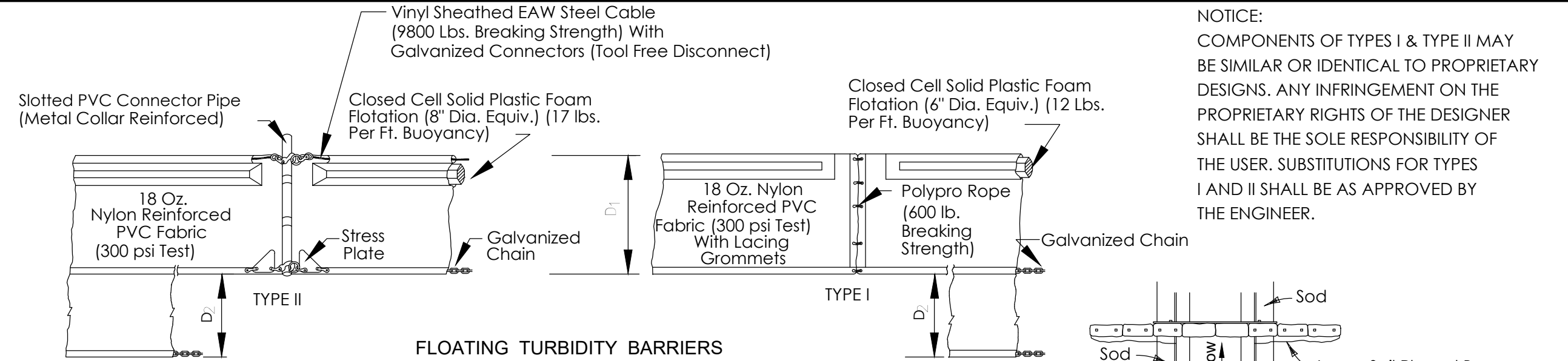


TO BE USED AT SELECTED SITES WHERE THE NATURAL GROUND SLOPES TOWARD THE TOE OF SLOPE

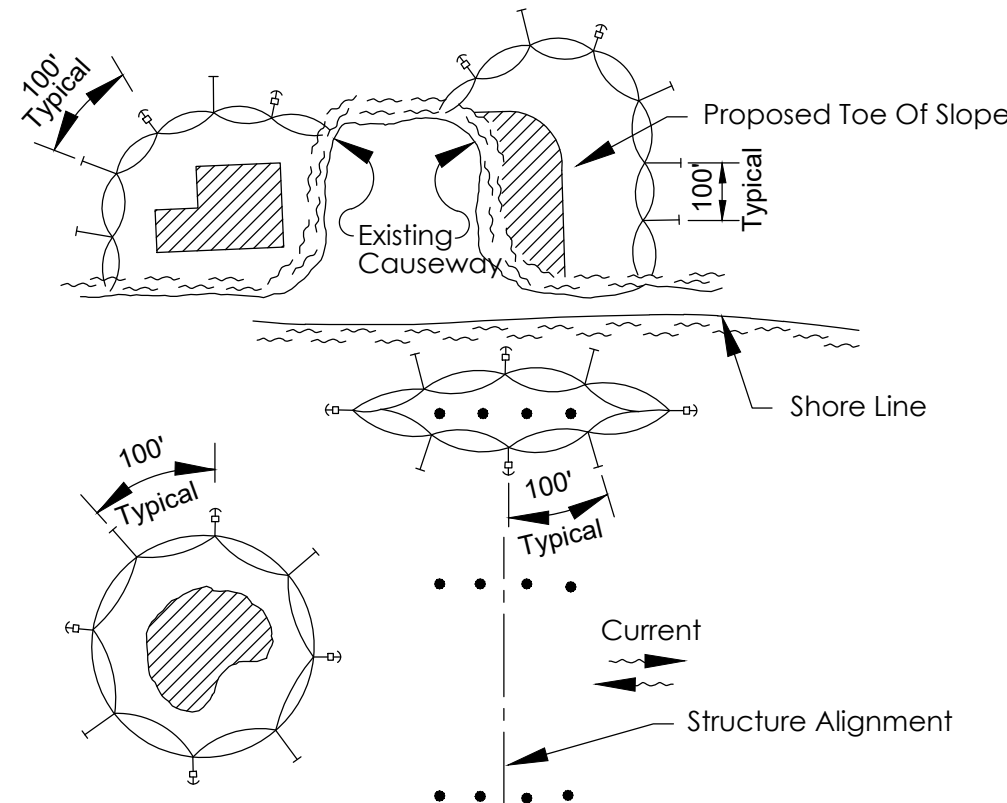


TO BE USED AT SELECTED SITES WHERE THE NATURAL GROUND SLOPES AWAY FROM THE TOE OF SLOPE

BARRIERS FOR FILL SLOPES



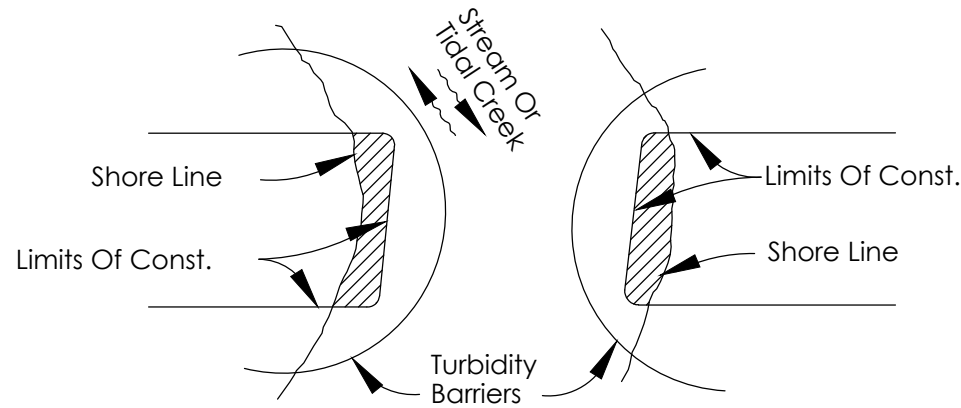
FLOATING TURBIDITY BARRIERS



- 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 FDOT Standard Specifications.

TURBIDITY BARRIER APPLICATIONS

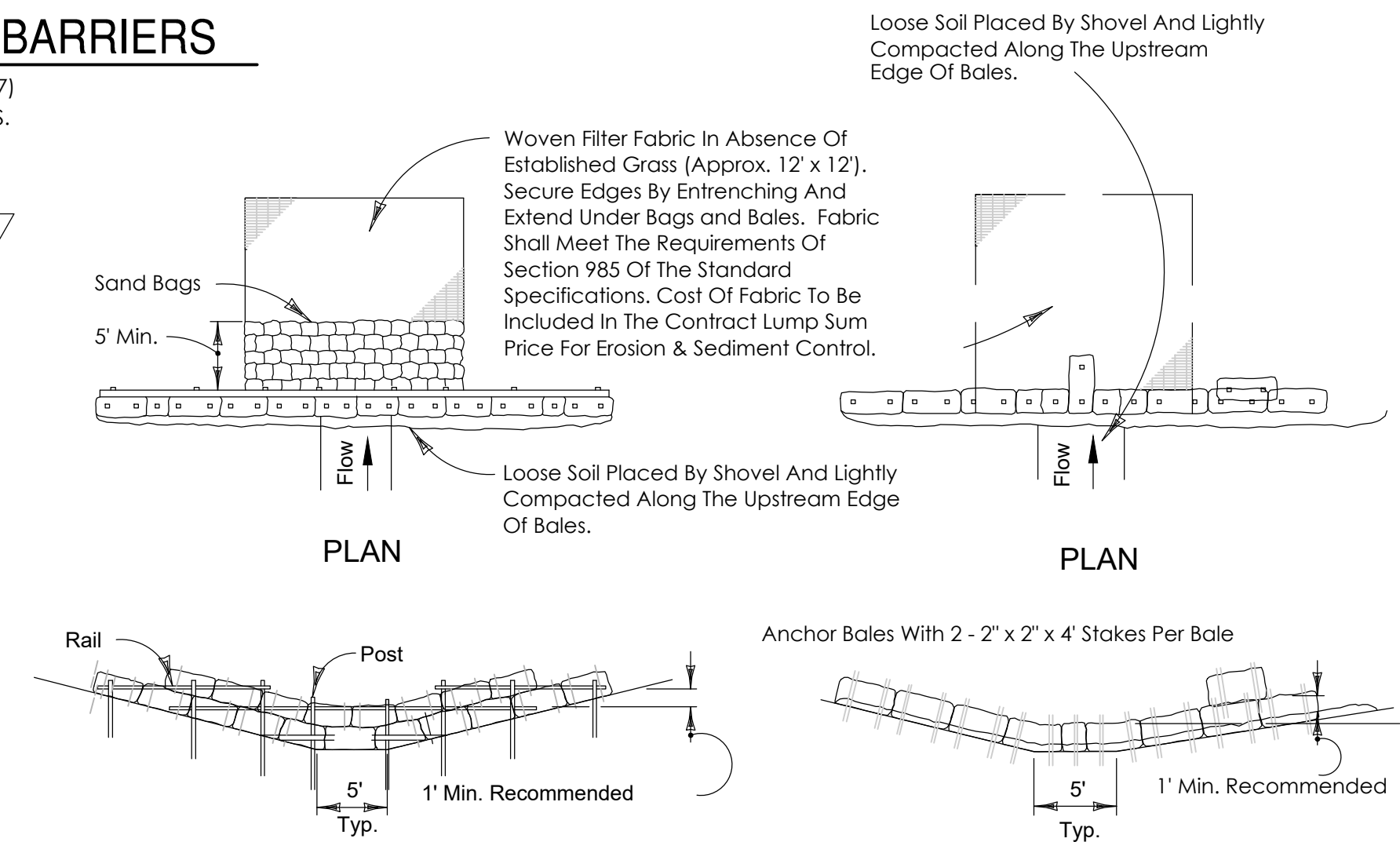
TURBIDITY BARRIERS



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 contract lump sum price established in the bid proposal for Erosion & Sediment Control Posts in staked turbidity barriers to be installed in vertical position unless otherwise directed by the Engineer.

OUTLET PROTECTION

N.T.S.



ELEVATION

ELEVATION

Application and Spacing: The use of Types I & II bale barriers should be limited to the conditions outlined in Chart 1, Sheet 1 of 3, Index No. 102

TYPE II

TYPE I

BARRIER FOR UNPAVED DITCHES

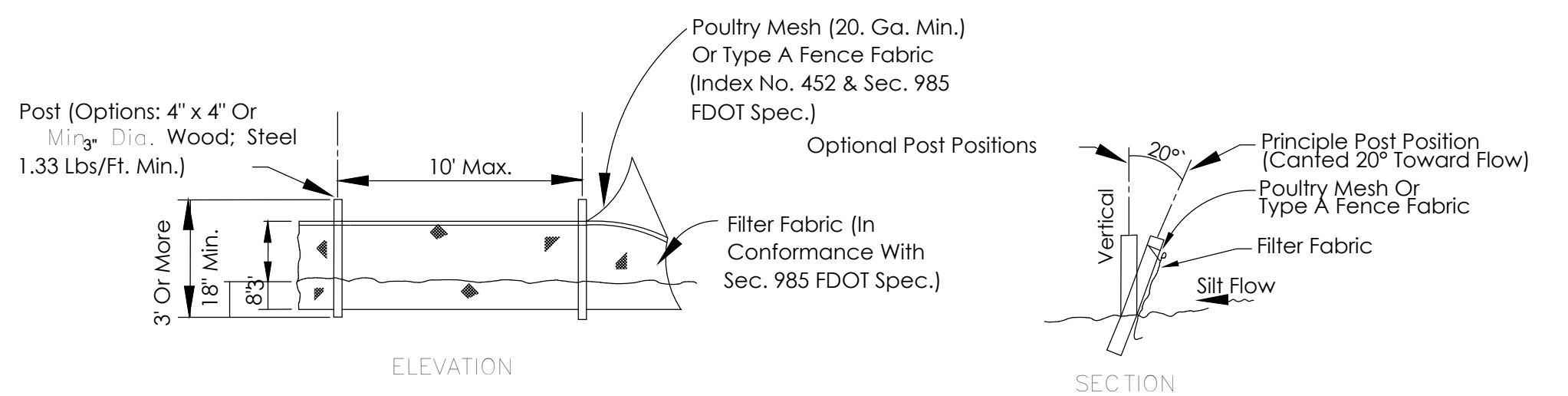
SYNTHETIC BALES TYPE I & II

(D-912)

NOTE: WHERE FDOT SPECS AND INDEX ARE REFERENCED, PLEASE REFER TO THE FDOT ROADWAY & TRAFFIC DESIGN STANDARDS, AND FDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION LATEST EDITION.

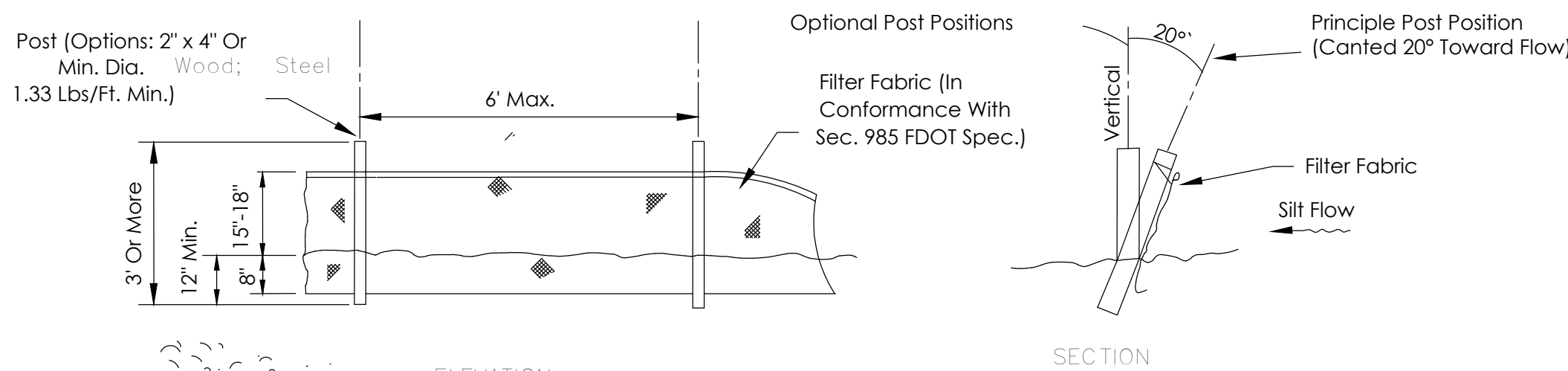
SYNTHETIC BALE LOCATION

(D-901)
N.T.S.

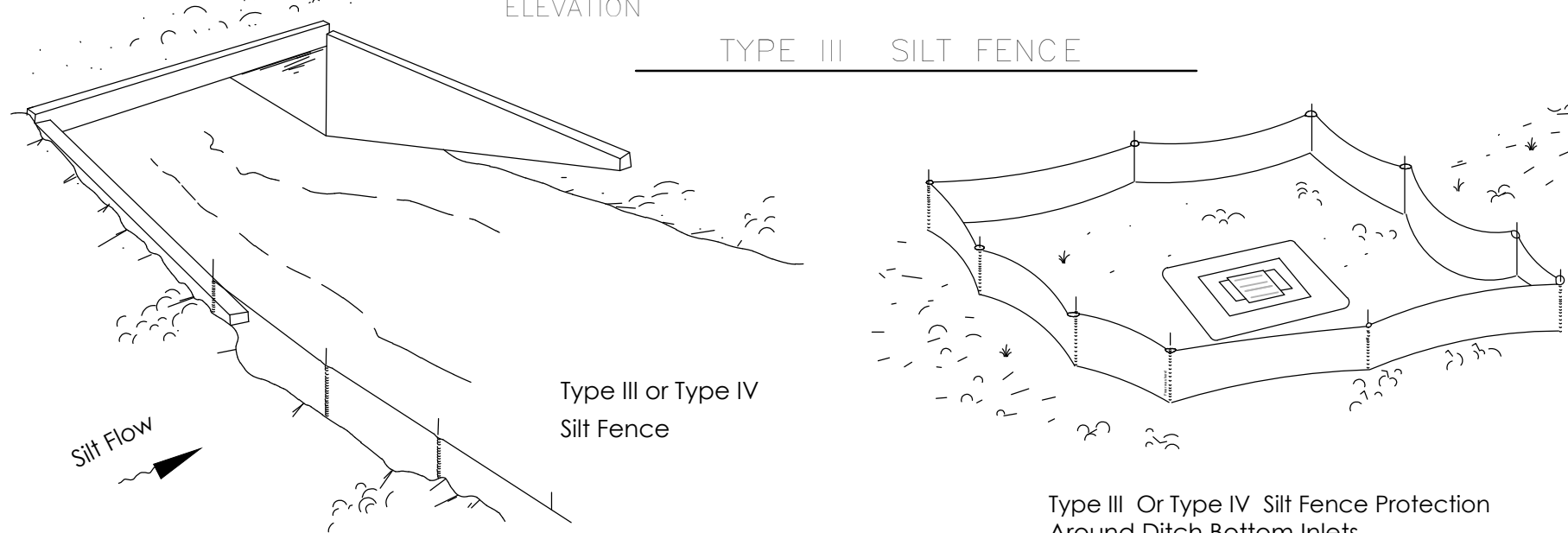


Note: Silt Fence to be paid for under the contract lump sum price for Erosion and Sediment Control.

TYPE IV SILT FENCE



TYPE III SILT FENCE



Do not deploy in a manner that silt fences will act as a dam across permanent flowing watercourses. Silt fences are to be used at upland locations and turbidity barriers used at permanent bodies of water.

SILT FENCE TYPE III & IV

(D-908)

Note: Spacing for Type III & TYPE IV Fence to be in accordance with Chart 1, Sheet 1 of 3, FDOT Index No. 102 and ditch installations at drainage structures Sheet 2 of 3, FDOT Index No. 102.

SILT FENCE APPLICATIONS

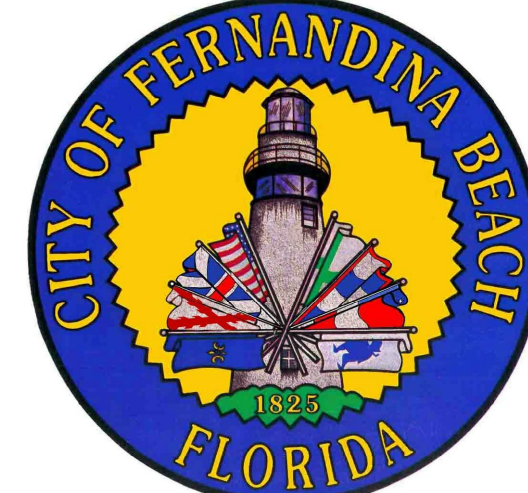
TRC SET

Stamp:



Client:

CITY OF FERNANDINA BEACH



204 Ash Street
Fernandina Beach, FL 32034

Passero Associates

4730 Casa Cola Way, Suite 200
St. Augustine, FL (904) 757-6106

Principal in Charge
Project Manager
Designed by
Bradley Wentle, PE
Christopher Hardone, AIA
Pamela Tomez

No.	Date	By	Description

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STORMWATER POLLUTION PREVENTION PLAN

600 AIRPORT ROAD

FERNANDINA FIRE STATION
NO.2

Town/City: Fernandina Beach
County: Nassau State: Florida

Project No.:

99000047.0086

Drawing No.:

C-603

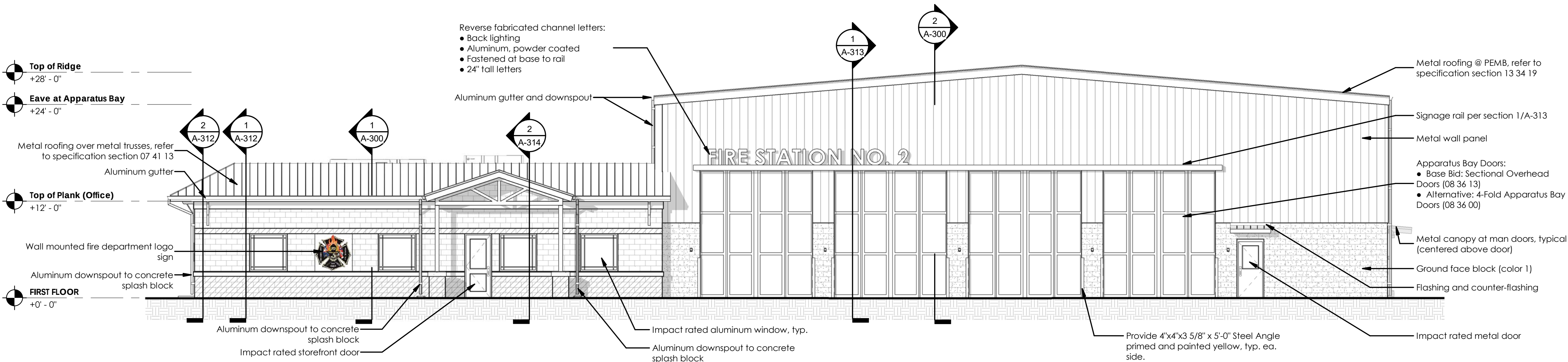
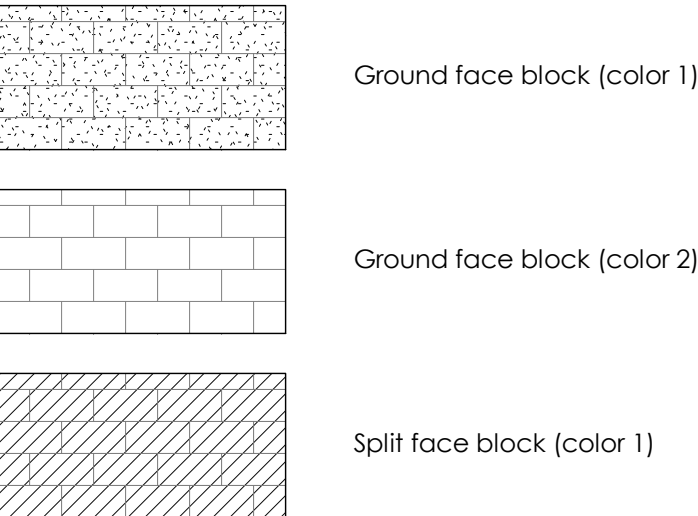
Date:

May 20 2021

EXTERIOR ELEVATION GENERAL NOTES:

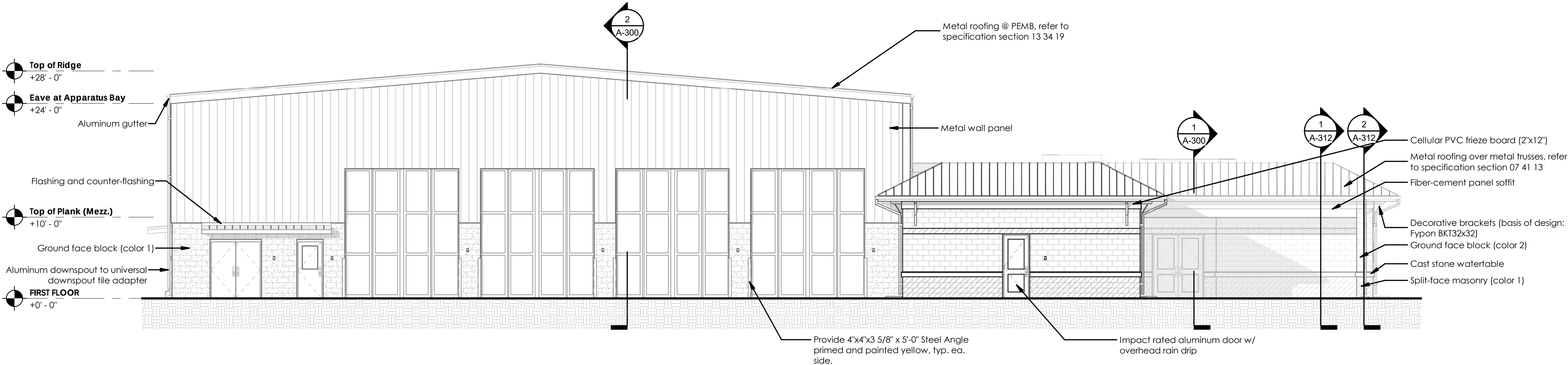
1. Elevation notes are typical, unless otherwise noted.
2. All exposed copings, flashings, drip edges, etc. to be pre-finished.
3. Provide flashings at all roof/wall intersections (min. 6" each way) with knockout flashing at the low end of each run to divert water away from wall, when wall continues below eave.
4. All flashings shall extend shingle style behind the drainage plane of the wall system and shall shingle to daylight.
5. All exterior mechanical terminations to be painted or pre-finished, color as selected by Architect.

LEGEND:



1 NORTH ELEVATION

0' 2' 4' 8' 16'
1/8" = 1'-0"

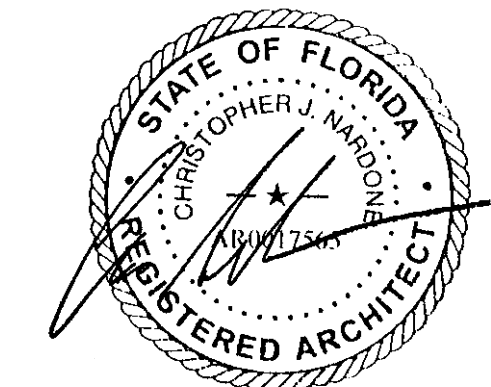


2 SOUTH ELEVATION

0' 2' 4' 8' 16'
1/8" = 1'-0"

TRC Set

Stamp:



5/19/2021

Client:

**CITY OF FERNANDINA
BEACH**



204 Ash Street
Fernandina Beach, FL 32034

Passero Associates

4730 Casa Cola Way, Suite 200 St. Augustine, FL (904) 757-6106

Principal in Charge: Bradley Wente, PE
Project Manager: Justin Vollenweider, AIA
Project Architect: Christopher Nardone, AIA

No.	Date	By	Description

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**EXTERIOR
ELEVATIONS**

600 AIRPORT ROAD

FERNANDINA FIRE STATION
NO.2

Town/City: Fernandina Beach
County: Nassau State: Florida

Project No.:

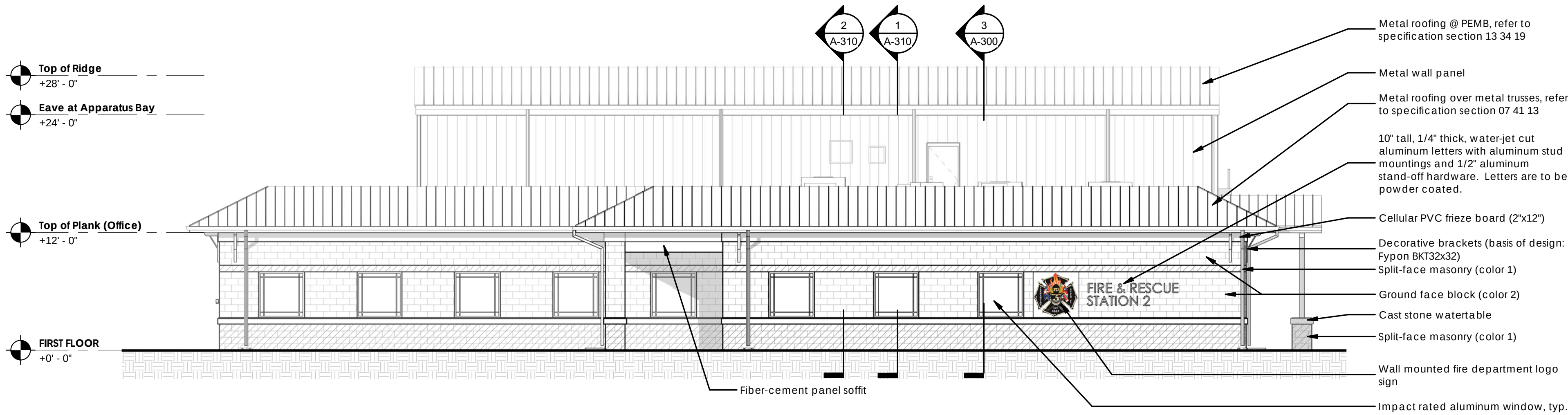
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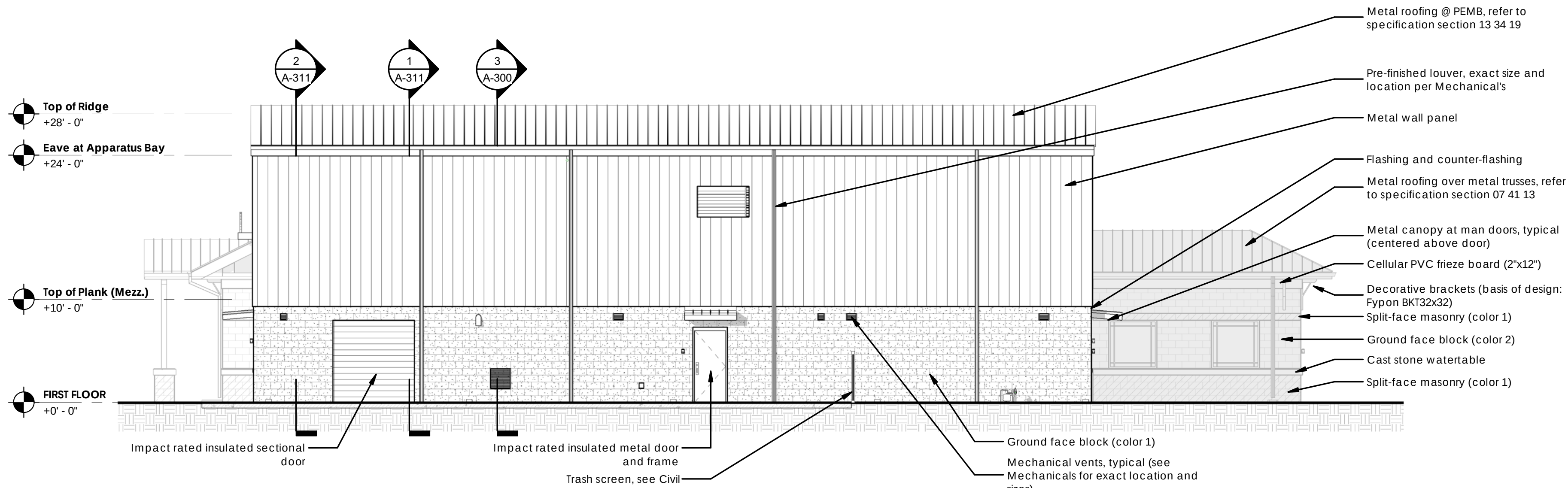
A-200

Date:

May 20, 2021



1 EAST ELEVATION
0' 2' 4' 8' 16'
1/8" = 1'-0"

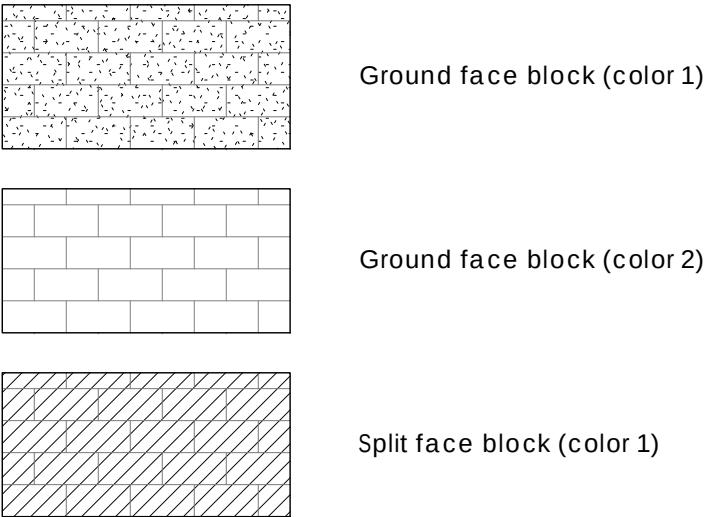


2 WEST ELEVATION
0' 2' 4' 8' 16'
1/8" = 1'-0"

EXTERIOR ELEVATION GENERAL NOTES:

1. Elevation notes are typical, unless otherwise noted.
2. All exposed copings, flashings, drip edges, etc. to be pre-finished.
3. Provide flashings at all roof/wall intersections (min. 6" each way) with kickout flashing at the low end of each run to divert water away from wall, when wall continues below eave.
4. All flashings shall extend shingle style behind the drainage plane of the wall system and shall shingle to daylight.
5. All exterior mechanical terminations to be painted or pre-finished, color as selected by Architect.

LEGEND:



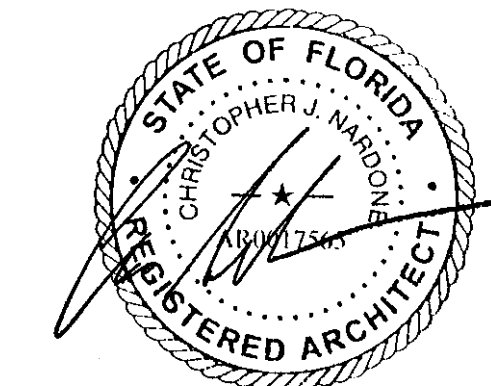
Ground face block (color 1)

Ground face block (color 2)

Split face block (color 1)

TRC Set

Stamp:



5/19/2021

Client:

CITY OF FERNANDINA BEACH



204 Ash Street
Fernandina Beach, FL 32034

Passero Associates

4730 Casa Cola Way, Suite 200
St. Augustine, FL (904) 757-6106

Principal in Charge: Bradley Wente, PE
Project Manager: Justin Vollenweider, AIA
Project Architect: Christopher Nardone, AIA

No.	Date	By	Description

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EXTERIOR ELEVATIONS

600 AIRPORT ROAD

FERNANDINA FIRE STATION
NO.2

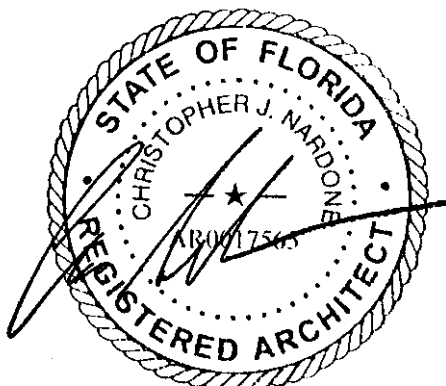
Town/City: Fernandina Beach
County: Nassau State: Florida

Project No.:
99000047.0086

Drawing No.:
A-201

Date:
May 20, 2021

Stamp:



5/19/2021

Client:

CITY OF FERNANDINA
BEACH



204 Ash Street
Fernandina Beach, FL 32034

Passero Associates

4730 Casa Cola Way, Suite 200 St. Augustine, FL (904) 757-6106

Principal in Charge: Justin Vollenweider, AIA
Project Manager: Christopher Nardone, AIA
Bradley Wente, PE

No.	Date	By	Description

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TRAINING TOWER
ELEVATIONS

600 AIRPORT ROAD

FERNANDINA FIRE STATION
NO.2

Town/City: Fernandina Beach
County: Nassau State: Florida

Project No.:

99000047.0086

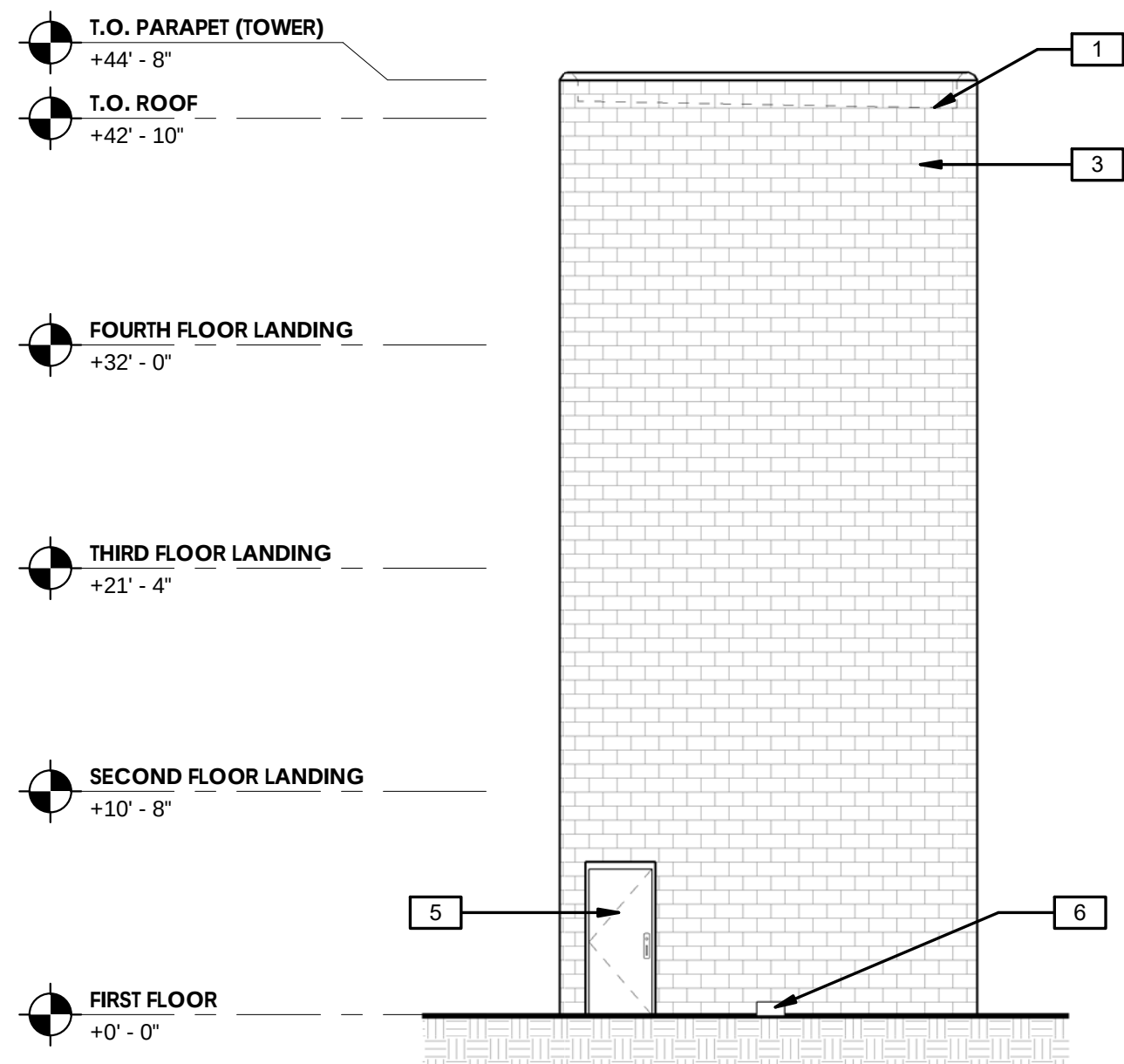
Drawing No.:

A-701

Date:

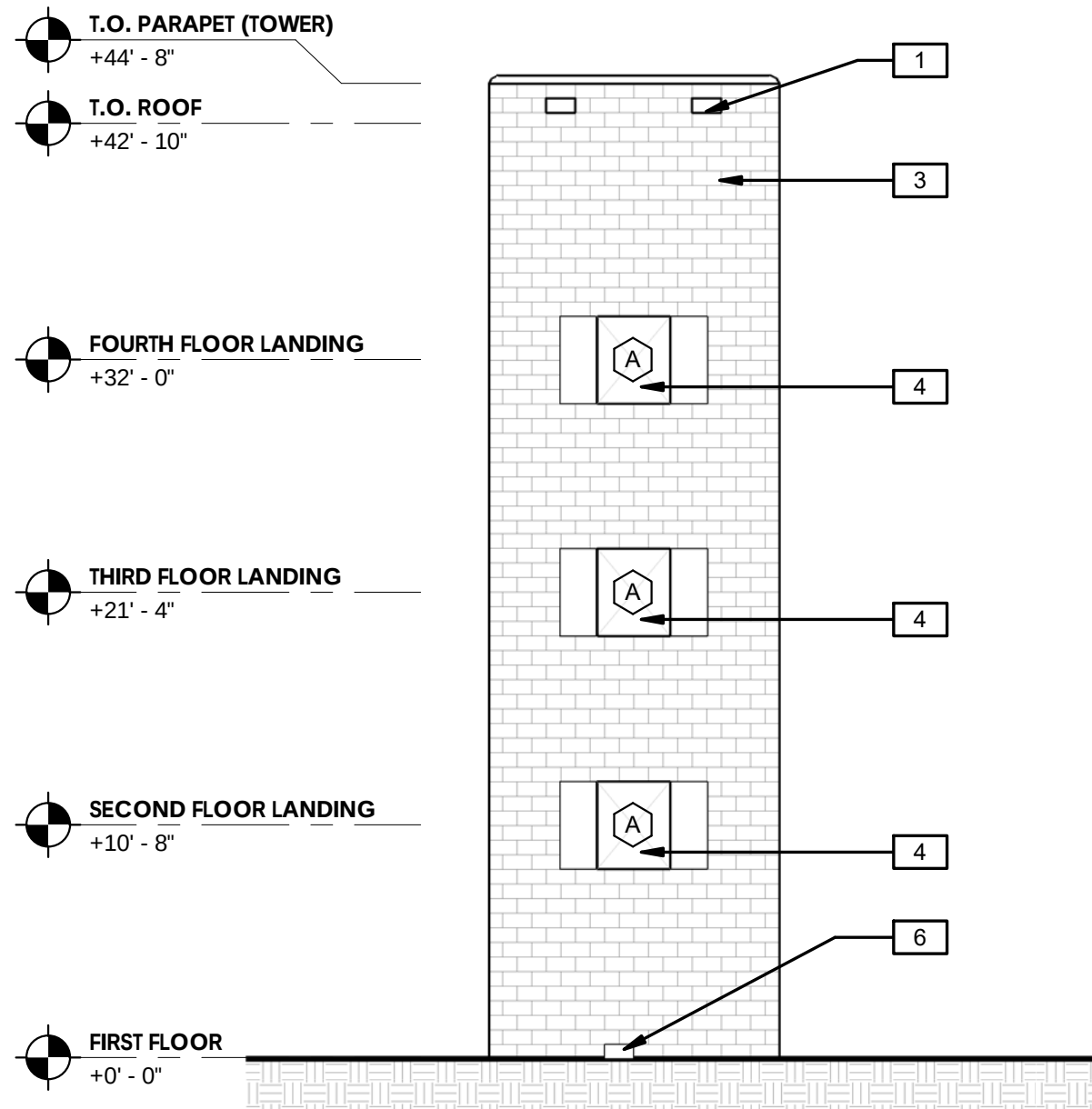
May 20, 2021

TRC Set



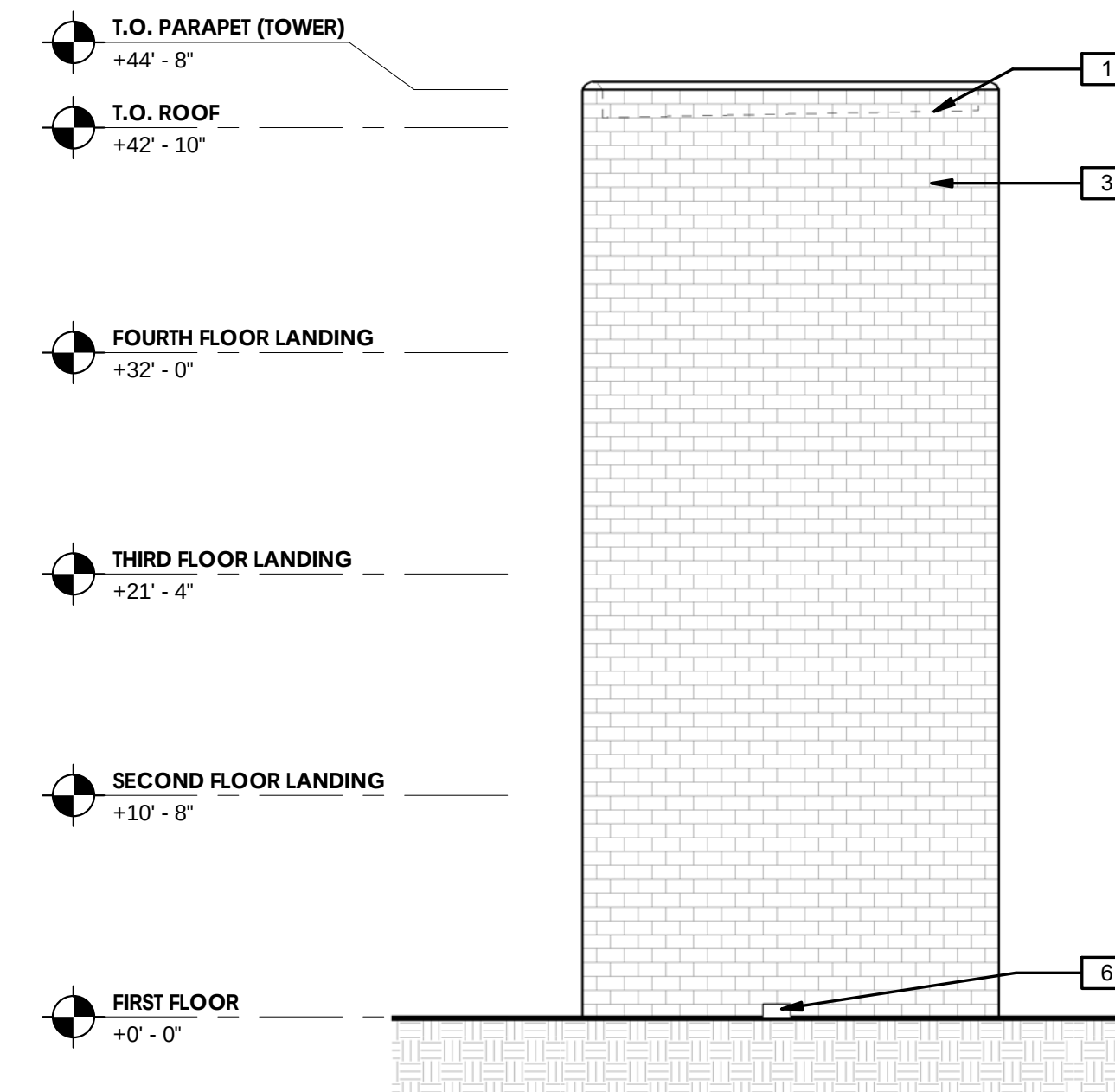
1 EAST TRAINING TOWER ELEVATION

0' 1' 2' 4' 8'
1/8" = 1'-0"



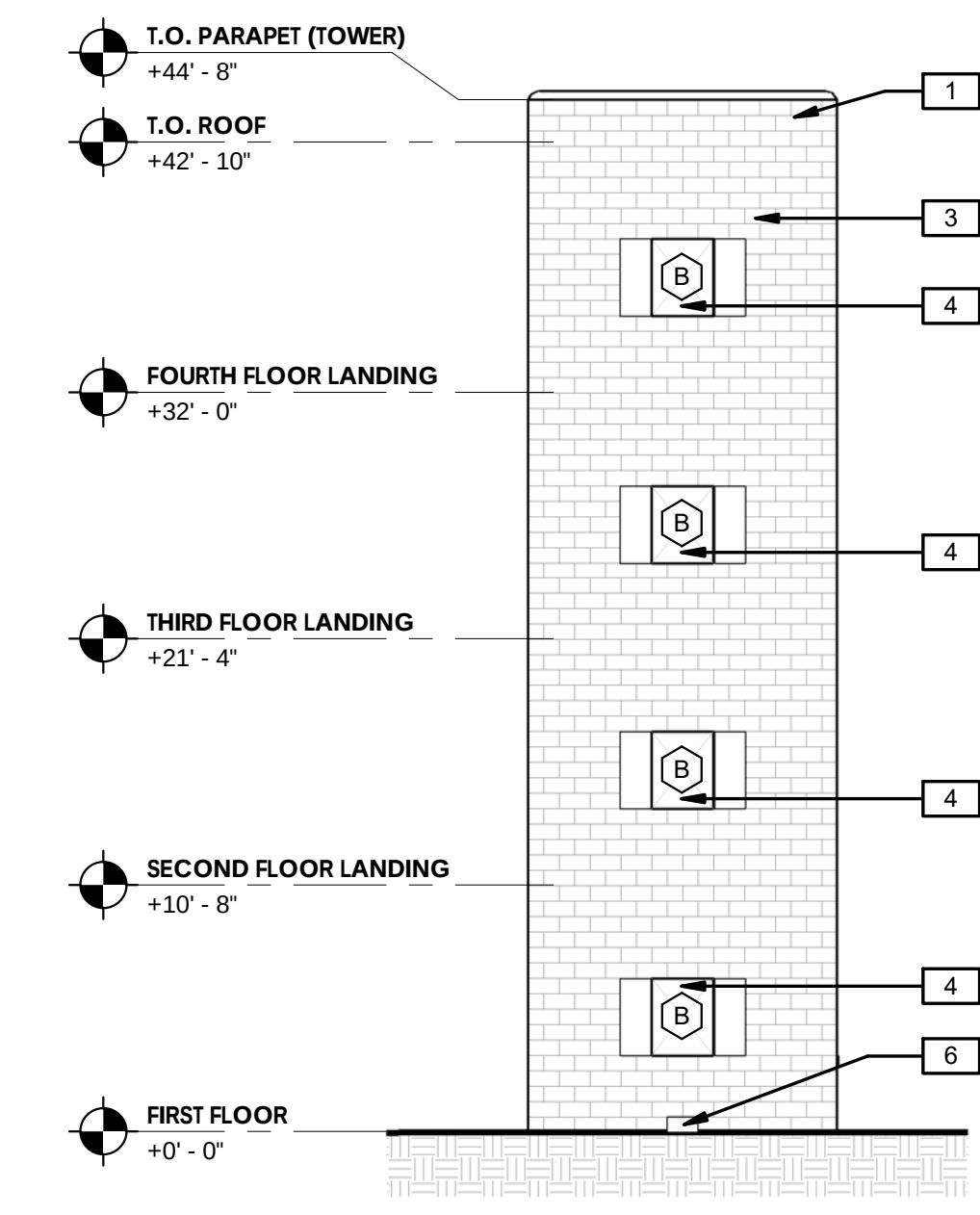
3 NORTH TRAINING TOWER ELEVATION

0' 1' 2' 4' 8'
1/8" = 1'-0"



2 WEST TRAINING TOWER ELEVATION

0' 1' 2' 4' 8'
1/8" = 1'-0"



4 SOUTH TRAINING TOWER ELEVATION

0' 1' 2' 4' 8'
1/8" = 1'-0"

OPENING SCHEDULE

TYPE A 3'-4" X 4'-0" OPENING WITH GALVANIZED STEEL SHUTTERS
TYPE B 2'-8" X 3'-4" OPENING WITH GALVANIZED STEEL SHUTTERS

*FINAL OPENING SIZES TBD.

EXTERIOR ELEVATION KEYNOTES - TOWER

- DURABAK SLIP-RESISTANT PAINT OVER CONCRETE ROOF TOPPING, PARAPET WALL, AND COPING
- SKIM COAT OVER SINGLE WYTHE CMU EXTERIOR WALLS, PRIME AND PAINT
- WALL OPENING WITH SHUTTERS, REFER TO OPENING SCHEDULE FOR SIZE
- FORCIBLE ENTRY STEEL DOOR EQUIPPED WITH BREAKAWAY LOCKING MECHANISM
- WALL OPENINGS AT WALL BASE, FOR DRAINAGE