LOFTON ISLAND

DEVELOPMENT CONTACTS:

DEVELOPMENT SERVICES: CITY OF FORT MYERS COMMUNITY DEVELOPMENT 1825 HENDRY STREET FORT MYERS, FL 33901 (239) 321-7925

ZONING: CITY OF FORT MYERS ZONING DEPARTMENT 1825 HENDRY STREET FORT MYERS, FL 33901 (239) 321-7975

WATER: CITY OF FORT MYERS UTILITIES DIVISION 2200 SECOND STREET FORT MYERS, FL 33901 (239) 321-7445

SANITARY SEWER: CITY OF FORT MYERS UTILITIES DIVISION 2200 SECOND STREET FORT MYERS, FL 33901 (239) 321-7445 ELECTRIC: FPL 1813 LEE STREET FORT MYERS, FL 33901 (239) 332-9167

<u>CABLE:</u> COMCAST 12641 CORPORATE LAKES DRIVE FORT MYERS, FL 33913 (239) 432-1805

TELEPHONE: CENTURYLINK 2820 CARGO STREET FORT MYERS, FL 33916 (239) 332-0841

<u>GAS:</u> TECO 5901 ENTERPRISE PARKWAY FORT MYERS, FL 33905 (239) 896-0812

PROJECT INFORMATION:

PARCEL NUMBER: SITE ADDRESS:

PARCEL AREA:9.05 AC (3)SECTION/TOWNSHIP/RANGE:14/44/24ZONING:CI (COMMLAND USE:COMMERFEMA PANEL NUMBER:PANEL 12FEMA FLOOD ZONE:ZONE VE

14-44-24-P2-00013.0000 LOFTONS ISLAND FORT MYERS, FL 33901 9.05 AC (3.02 AC UPLANDS) 14/44/24 CI (COMMERCIAL INTENSIVE) COMMERCIAL PANEL 12071C0288F (DATED 08/28/08) ZONE VE (EL 10)

FILL DIRT STOCKPILE PLANS

FOR

FORT MYERS, FL 33901

CLIENT: LOFTON ISLAND PARTNERS, LLC 3618 FOWLER STREET FORT MYERS, FL 33901 (239) 851-3141 CONTACT: NILS RICHTER



SHEET INDE

SHEET <u>NUMBER</u>
1
2
3

4

SHEET DESCRIPTION COVER SHEET EXISTING CONDITIONS PL STOCKPILE PLAN STORMWATER POLLUTION

	ENGINEER OF RECORD STEPHANIE K. CALDWELL, P.E. FL P.E. NO. 56103 DATE: 10/15/2021
	CONTRACTOR OF A CONTRACT OF A
	SITE IMPROVEMENTS FORT MYERS, FLORIDA CLIENT LOFTON ISLAND PARTNERS, LLC
	FORT MYERS, FL 33901 PHONE: (239) 851-3141 FILE NAME: 212507A01.DWG FILE PATH: G:\212507\DWG\ DRAWN BY: SKC PLOT DATE: FRI. 10/15/2021 - 11:18 AM ©2021 GREENSITE ENGINEERING, INC. ALL RIGHTS RESERVED. REPRODUCTIONS AND/OR MODIFICATIONS PROHIBITED WITHOUT EXPRESS WRITTEN CONSENT BY GREENSITE ENGINEERING, INC.
FILE NAME LAN & AERIAL PHOTOGRAPH FILE NAME 212507A01.DWG 212507A05.DWG 212507A09.DWG	RA DATE BY
DN PREVENTION PLAN 212507A50.DWG	0 0
 THESE PLANS WERE PREPARED AND SHALL COMPLY WITH THE FOLLOWING: THE CITY OF FORT MYERS CODE OF ORDINANCES FLORIDA DEPARTMENT OF STATE, ADMINISTRATIVE CODE 2020 FLORIDA STATUTES 	COVER SH
www.callsunshine.com NOTE: PLANS MAY HAVE BEEN MODIFIED IN SIZE THROUGH REPRODUCTION PROCESSES. PLEASE CONSIDER THIS WHEN OBTAINING SCALED DATA.	GEI PROJECT NUMBER 212507 SHEET NUMBER 1



GENERAL NOTES

- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FDOT DESIGN STANDARDS INDEX AND ALL LOCAL DEVELOPMENT CODES.
- BENCHMARK DATUM FOR THIS PROJECT IS NATIONAL AMERICAN VERTICAL DATUM (NAVD) OF 1988.
- ALL APPROVALS REQUIRED BY THE OWNER OR ENGINEER OF RECORD IN CONJUNCTION WITH THESE NOTES MUST BE OBTAINED IN WRITING BY THE CONTRACTOR FROM THE APPROPRIATE PARTY. CONTRACTOR IS REQUIRED TO OBTAIN APPROVAL FROM THE ENGINEER FOR ANY DEVIATIONS FROM THE PLANS AND / OR SPECIFICATIONS.
- CONTRACTOR SHALL ENSURE THAT ALL PERMITS ARE IN PLACE PRIOR TO CONSTRUCTION AND THAT COPIES OF ALL PERMITS ARE RETAINED ON SITE AT ALL TIMES.
- A VEGETATION REMOVAL PERMIT MAY BE REQUIRED PRIOR TO COMMENCEMENT OF ANY SITE WORK. PROTECTIVE BARRIERS MUST BE CONSTRUCTED AND INSPECTED PRIOR TO PERMIT ISSUANCE.
- CONTRACTOR SHALL NOTIFY OWNER AND CONTACT ALL UTILITY COMPANIES FOR LOCATIONS OF EXISTING UTILITIES IN THE AREA A MINIMUM OF 72 HOURS PRIOR TO COMMENCING CONSTRUCTION. CONTRACTOR SHALL DETERMINE IF UTILITIES OTHER THAN THOSE SHOWN ON THESE PLANS EXIST. CONTRACTOR SHALL NOTIFY THE APPROPRIATE AGENCY A MINIMUM OF 72 HOURS PRIOR TO ALL INSPECTIONS REQUIRED BY THE LOCAL DEVELOPMENT CODE.
- ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED AND IF IN DANGER OF BEING DESTROYED MUST BE PROPERLY REFERENCED BY THE CONTRACTOR.
- EXISTING IMPROVEMENTS SHALL BE RESTORED TO A CONDITION EQUIVALENT TO THAT WHICH EXISTED PRIOR TO COMMENCING CONSTRUCTION, AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR TO UTILIZE DESIGNATED CONSTRUCTION ENTRANCES FOR EMPLOYEES AND DELIVERY OF MATERIALS.
- 10. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY CLEARING, DEWATERING, TREE REMOVAL, OR VEGETATION REMOVAL PERMITS REQUIRED FOR THIS PROJECT.
- 11. PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITY APPROPRIATE EROSION CONTROL DEVICES SHALL BE INSTALLED TO CONTROL AND REDUCE SOIL EROSION AND SEDIMENT TRANSPORT TO OFFSITE AREAS. CONTRACTOR SHALL MAINTAIN THESE DEVICES THROUGHOUT THE DURATION OF CONSTRUCTION. ALL DEVICES SHALL REMAIN IN PLACE UNTIL THE SURROUNDING AREAS ARE ESTABLISHED.
- 12. ALL CONSTRUCTION PROJECTS ONE (1) OR MORE ACRE IN SIZE THAT DISCHARGE TO OFFSITE AREAS ARE REQUIRED TO COMPLY WITH THE REQUIREMENTS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT FOR STORMWATER DISCHARGE FROM SMALL AND LARGE CONSTRUCTION ACTIVITIES. IN ORDER TO MEET NPDES REQUIREMENTS, CONTRACTOR IS RESPONSIBLE FOR PREPARING A STORMWATER POLLUTION PREVENTION PLAN (SWPPP), IMPLEMENTING, INSPECTING, MAINTAINING, AND REPORTING ON ALL ELEMENTS OF THE SWPPP, COMPLETING AND SUBMITTING THE REQUIRED NOTICE OF INTENT (NOI) AND NOTICE OF TERMINATION (NOT) FORMS AS THE OPERATOR, AND PAYING ALL ASSOCIATED FEES. FOR PROJECTS LESS THAN ONE (1) ACRE IN SIZE THAT ARE NOT REQUIRED TO COMPLY WITH THE NPDES GENERAL PERMIT, THE CONTRACTOR IS STILL RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO AND DURING CONSTRUCTION IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATION.
- 13. BASE SURVEY INFORMATION INCLUDING BUT NOT LIMITED TO ELEVATIONS, EASEMENTS, RIGHTS-OF-WAY, AND OTHER TOPOGRAPHIC INFORMATION HAS BEEN PREPARED BY OTHER PROFESSIONALS. GREENSITE ENGINEERING, INC. ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THIS INFORMATION.

SITE PREPARATION NOTES

- UNLESS OTHERWISE DIRECTED BY OWNER OR ENGINEER, CONTRACTOR IS EXPECTED TO CONTAIN ALL CONSTRUCTION ACTIVITIES WITHIN THE PROPERTY, RIGHT-OF-WAY, AND EASEMENTS AS INDICATED ON THE DRAWINGS. AT NO TIME SHALL CONTRACTOR DISTURB SURROUNDING PROPERTIES. ALL COSTS FOR REPAIRS SHALL BE THE RESPONSIBILITY OF CONTRACTOR AND NO EXTRA COMPENSATION SHALL BE PROVIDED.
- AREAS TO RECEIVE CLEARING AND GRUBBING INCLUDE THE UPLAND AREAS ON LOFTON ISLAND. REMOVE TREES OUTSIDE OF THESE AREAS ONLY AS INDICATED ON THE DRAWINGS OR AS APPROVED IN WRITING BY ENGINEER.
- EXERCISE EXTREME CARE DURING THE CLEARING AND GRUBBING OPERATIONS. DO NOT DAMAGE EXISTING STRUCTURES, PIPES, OR UTILITIES.
- GRUBBING SHALL CONSIST OF REMOVAL AND DISPOSAL OF STUMPS, ROOTS LARGER THAN 2" IN DIAMETER AND MATTED ROOTS. REMOVE TO A DEPTH OF NOT LESS THAN 18" BELOW ORIGINAL SURFACE LEVEL OF THE GROUND.
- DEBRIS GENERATED FROM CLEARING AND GRUBBING ACTIVITIES ARE ANTICIPATED TO BE BURNED ONSITE. CONTRACTOR SHALL OBTAIN APPROVAL FROM THE CITY OF FORT MYERS FIRE MARSHAL AND FLORIDA FORESTRY SERVICE IF THIS METHOD OF MATERIAL DISPOSAL IS UNDERTAKEN.

DEWATERING:

6. THIS PROJECT IS NOT ANTICIPATED TO REQUIRE DEWATERING PROCEDURES.

GRADING:

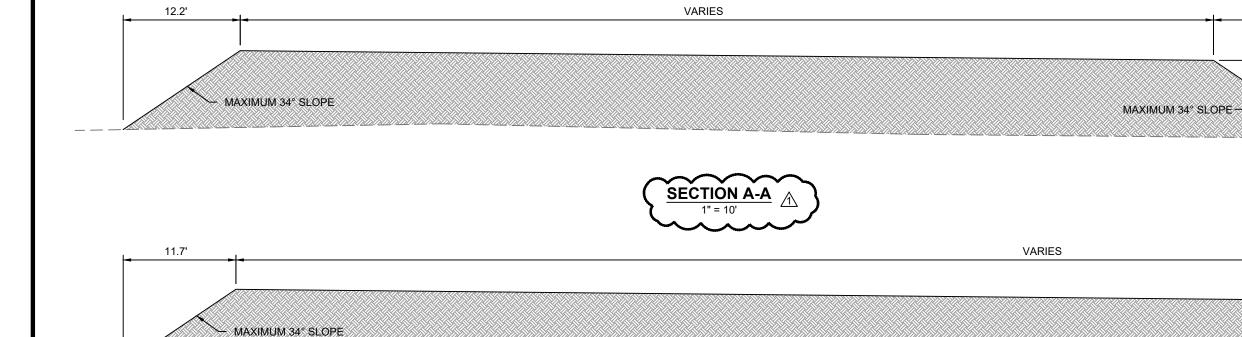
AREAS THAT REQUIRE MODIFICATION OF EXISTING ELEVATIONS SHALL BE PROTECTED FROM EROSION. ALL SETTLEMENT OR WASHING AWAY THAT MAY OCCUR FROM ANY CAUSE PRIOR TO SEEDING OR ACCEPTANCE SHALL BE REPAIRED AND GRADES RE-ESTABLISHED TO THE REQUIRED ELEVATIONS AND SLOPES AT NO ADDITIONAL COST TO OWNER.

GENERAL DRAINAGE NOTES

1. EXISTING OFFSITE DRAINAGE PATTERNS SHALL BE MAINTAINED DURING CONSTRUCTION.

NOTE: DIRT STOCKPILE AREA SHALL MAINTAIN MINIMUM 25-FOOT SEPARATION FROM EXISTING NATURAL AND RIPRAP SHORELINE AND EXISTING UTILITY VAULT. STOCKPILE SHALL ALSO BE LOCATED OUT OF THE DRIPLINE OF EXISTING TREES TO REMAIN.

- STOCKPILE STABILIZATION NOTES A
- ACTIVITIES.
- 4. MULCH USED IN AREAS OF CONCENTRATED FLOWS OR FREQUENT INUNDATION SHALL BE
- CONTRACTOR SHALL PRESERVE THE STRUCTURAL INTEGRITY OF STOCKPILED DIRT TO AVOID
- CONSTRUCTION.
- NOT BE LOCATED WITHIN 25 FEET OF ANY SHORELINE.
- SHALL REPAIR OR REPLACE DEVICE PROMPTLY.



BARGE LANDING AREA

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TOP OF SPOIL PILE FILL DIRT SPOIL PILE FOOTPRINT 31500± SF

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- x 6°

× 6,

×S

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×V

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PROPERTY BOUNDARY

XN

- EXISTING RIPRAP SHORELINE

(TO REMAIN UNDISTURBED)

 $\times \mathbb{N}$

_X ک

XX

×V

/*******

MAXIMUM HEIGHT = 8 FT MAXIMUM ANGLE OF REPOSE = 34°

12.2'

MAXIMUM 34° SLOPE-

XN

XO' XO

SILT FENCING SHALL BE INSTALLED AS A PERIMETER CONTROL PRIOR TO ANY STOCKPILING

2. STOCKPILED DIRT SHALL BE STABILIZED WITH MULCH TO PREVENT EROSION AND WASHOUT. MULCH SHALL BE APPLIED WITHIN 14 DAYS AFTER STOCKPILING ACTIVITIES CEASE. DEPTH OF MULCH SHALL BE 3" OVER THE STOCKPILE WITH A MINIMUM COVERAGE OF 90%.

3. MULCH SHALL BE SPREAD UNIFORMLY, EITHER BY HAND OR MACHINE.

PROPERLY ANCHORED TO PREVENT THEM FROM FLOATING AWAY.

WASHOUT INTO THE ADJACENT WATER BODY. THE REQUIRED MULCH DEPTH AND COVERAGE SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE STOCKPILING ACTIVITIES.

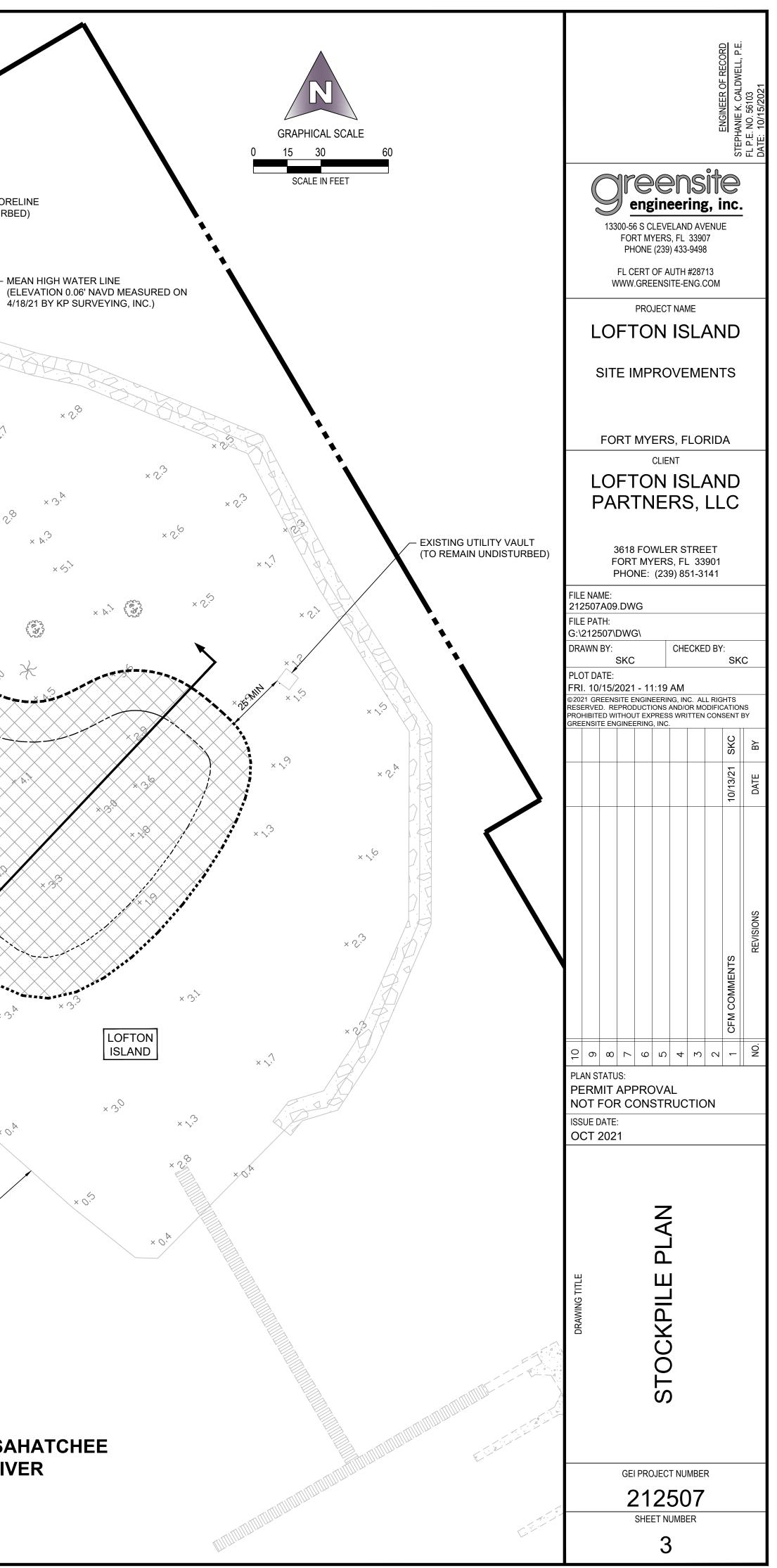
6. CONTRACTOR SHALL SUPPLEMENT EROSION CONTROL MEASURES AS NEEDED TO CONTROL SOIL EROSION BASED ON CONTRACTOR'S MEANS, METHODS, AND TECHNIQUES OF

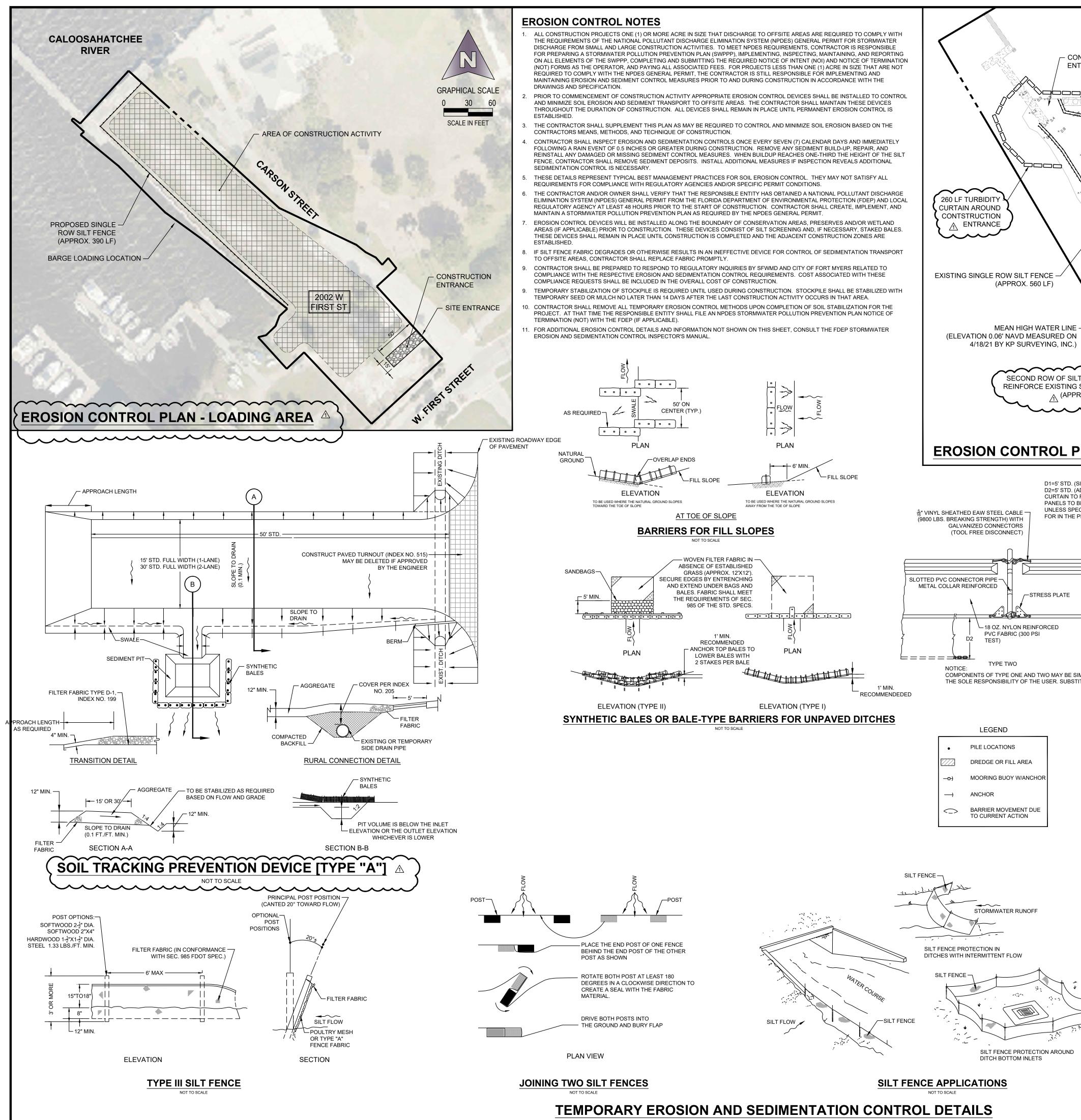
STOCKPILE SHALL BE STACKED IN A MANNER TO ALLOW CLEAR ACCESS OF CONSTRUCTION VEHICLES AND EQUIPMENT AROUND THE PERIMETER OF THE STOCKPILE. STOCKPILE SHALL

CONTRACTOR SHALL INSPECT STOCKPILE AND MULCH COVER PERIODICALLY AND ALSO AFTER A RAIN EVENT. IF EROSION CONTROL MEASURES DEGRADE OR OTHERWISE RESULT IN AN INEFFECTIVE DEVICE FOR CONTROL OF SEDIMENT TO OFFSITE AREAS, CONTRACTOR

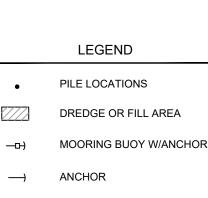
> MEAN HIGH WATER LINE (ELEVATION 0.06' NAVD MEASURED ON 4/18/21 BY KP SURVEYING, INC.)

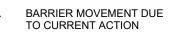
> > CALOOSAHATCHEE **RIVER**

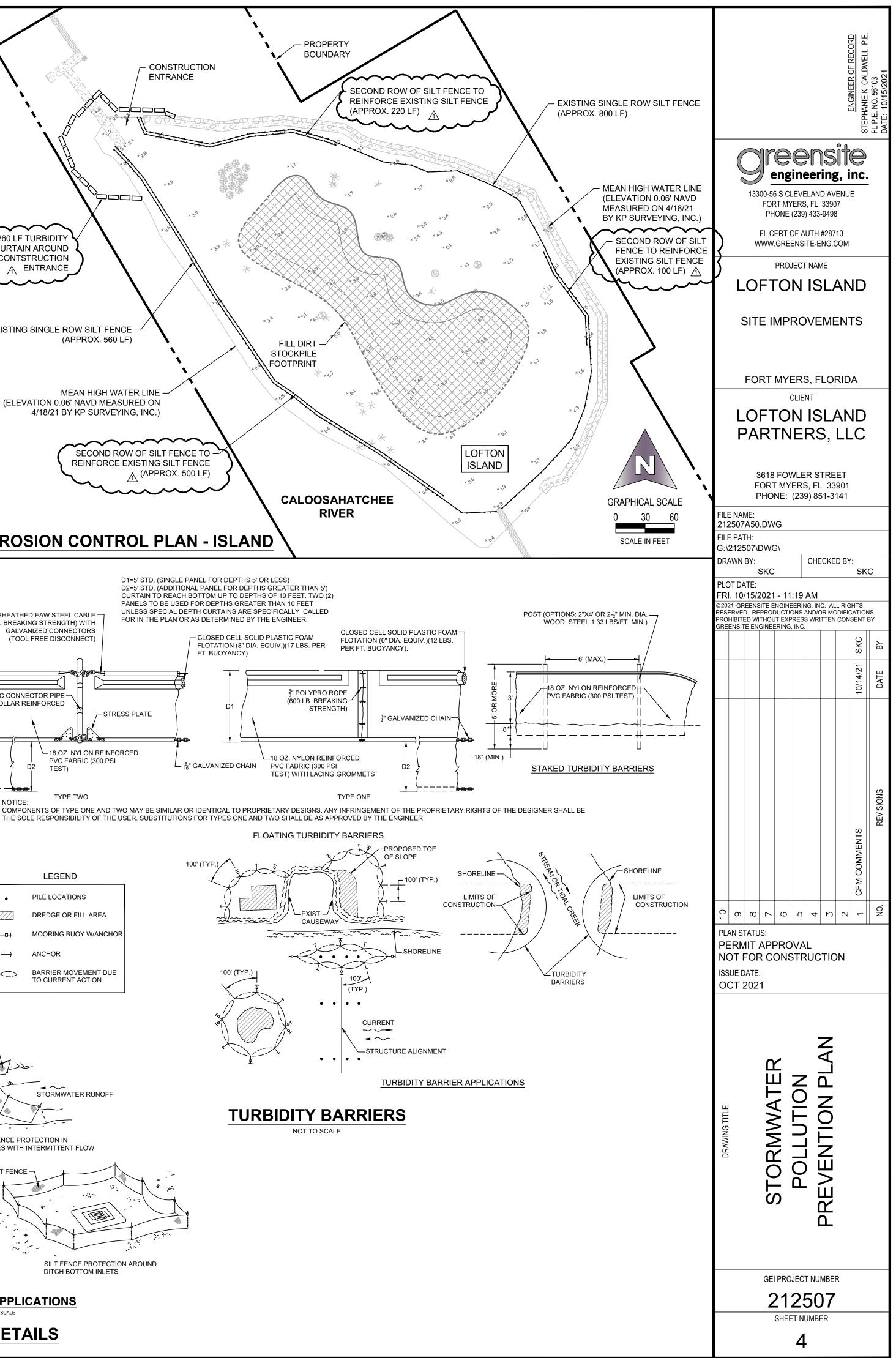


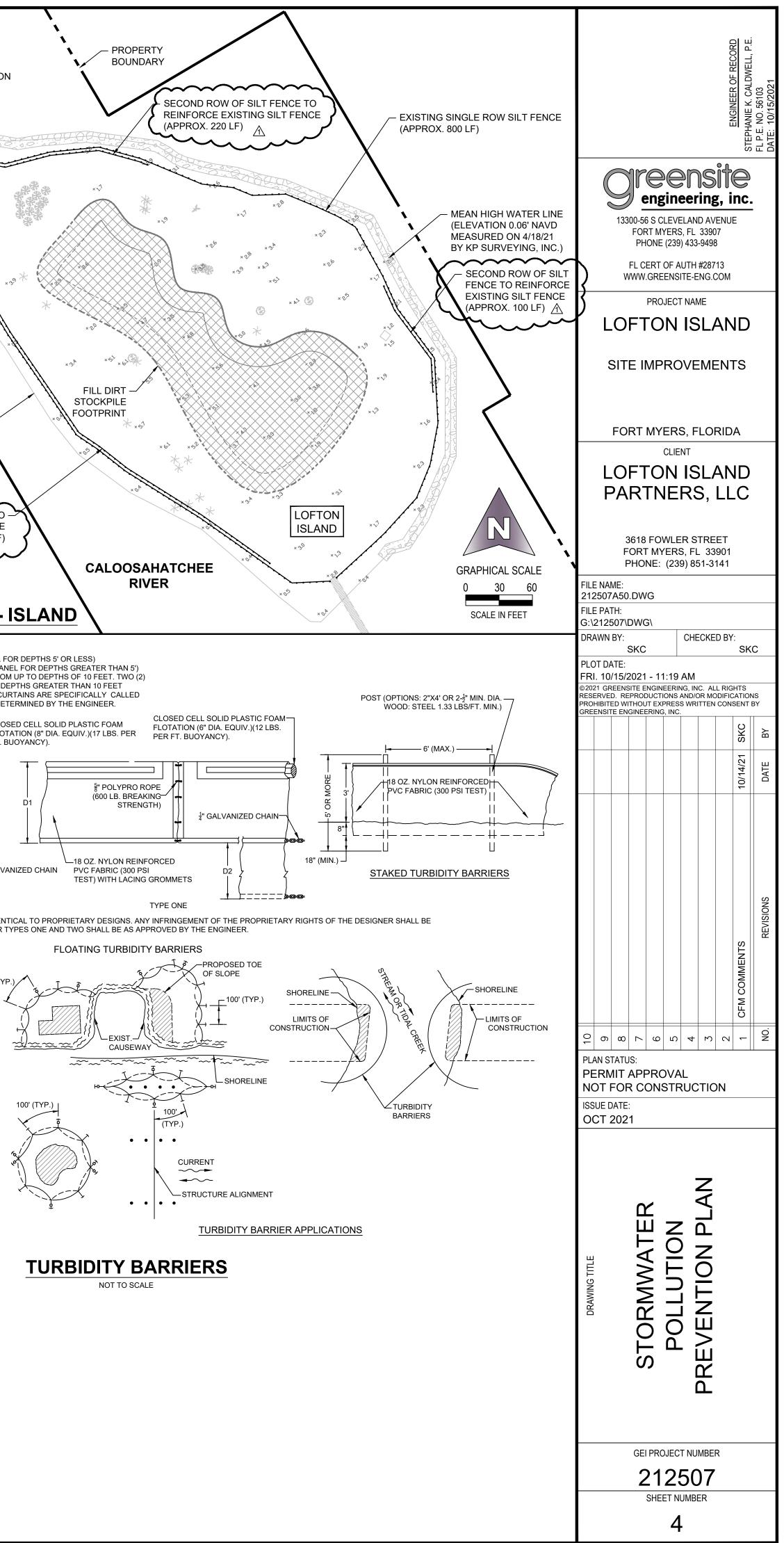


- CONSTRUCTION ENTRANCE MEAN HIGH WATER LINE -SECOND ROW OF SILT FENCE TO REINFORCE EXISTING SILT FENCE (APPROX. 500 LF) **EROSION CONTROL PLAN - ISLAND** D1=5' STD. (SINGLE PANEL FOR DEPTHS 5' OR LESS) D2=5' STD. (ADDITIONAL PANEL FOR DEPTHS GREATER THAN 5') CURTAIN TO REACH BOTTOM UP TO DEPTHS OF 10 FEET. TWO (2) PANELS TO BE USED FOR DEPTHS GREATER THAN 10 FEET UNLESS SPECIAL DEPTH CURTAINS ARE SPECIFICALLY CALLED FOR IN THE PLAN OR AS DETERMINED BY THE ENGINEER. FT. BUOYANCY).









NOT TO SCALE