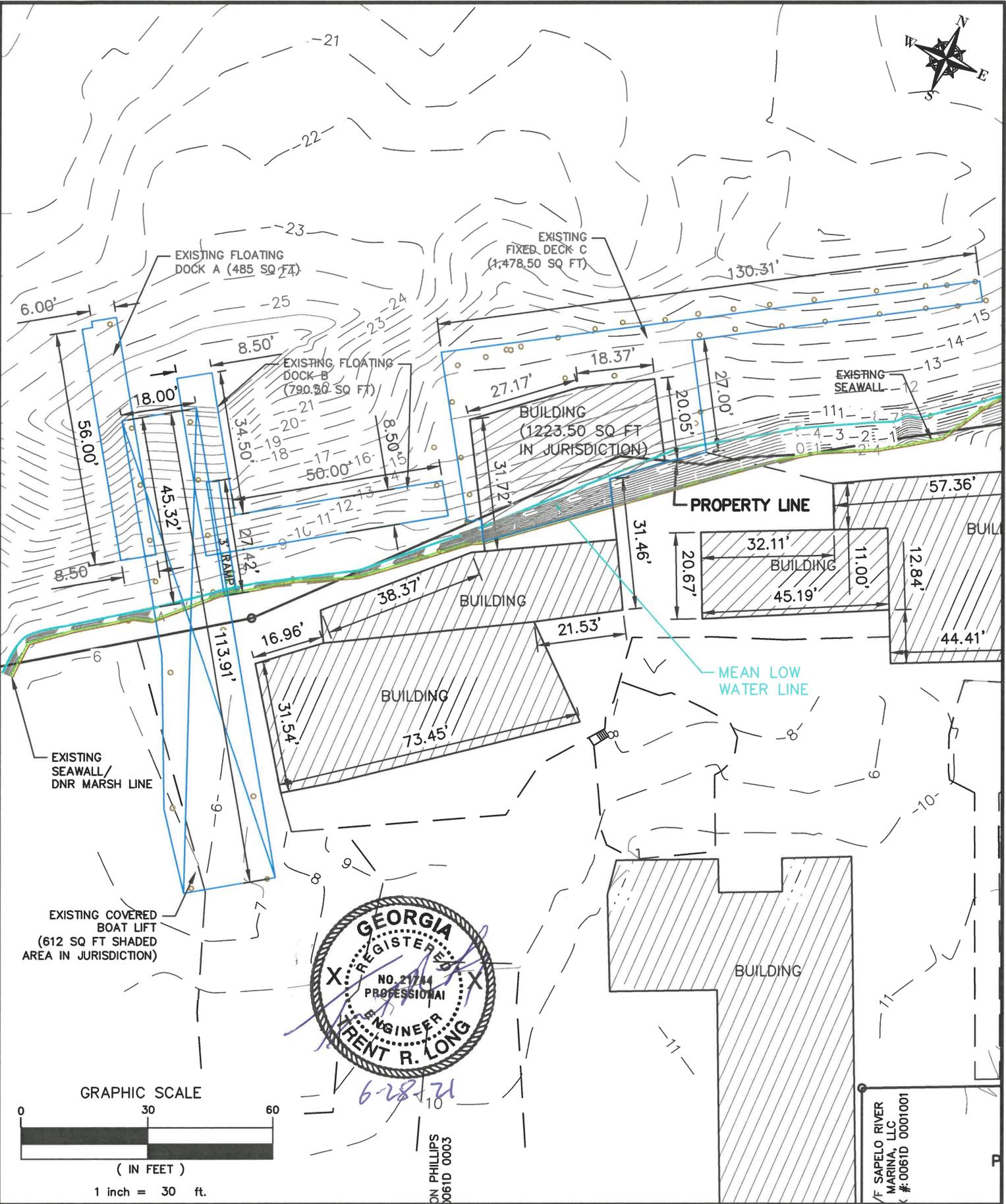


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 (912) 368-7206 Fax

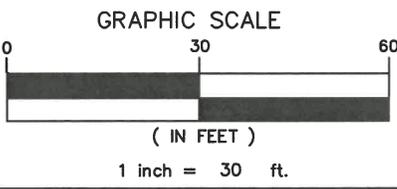
**Proposed Repairs  
 for Sapelo Sea Farms**

Sheet Name: County Level Vicinity Map  
 Sheet Number: C-01  
 Initial Date: 12/05/2019  
 Drawn By: AGW  
 Project Number: 2019-127





EXISTING COVERED BOAT LIFT (612 SQ FT SHADED AREA IN JURISDICTION)



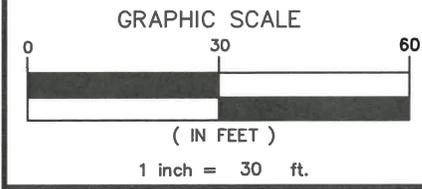
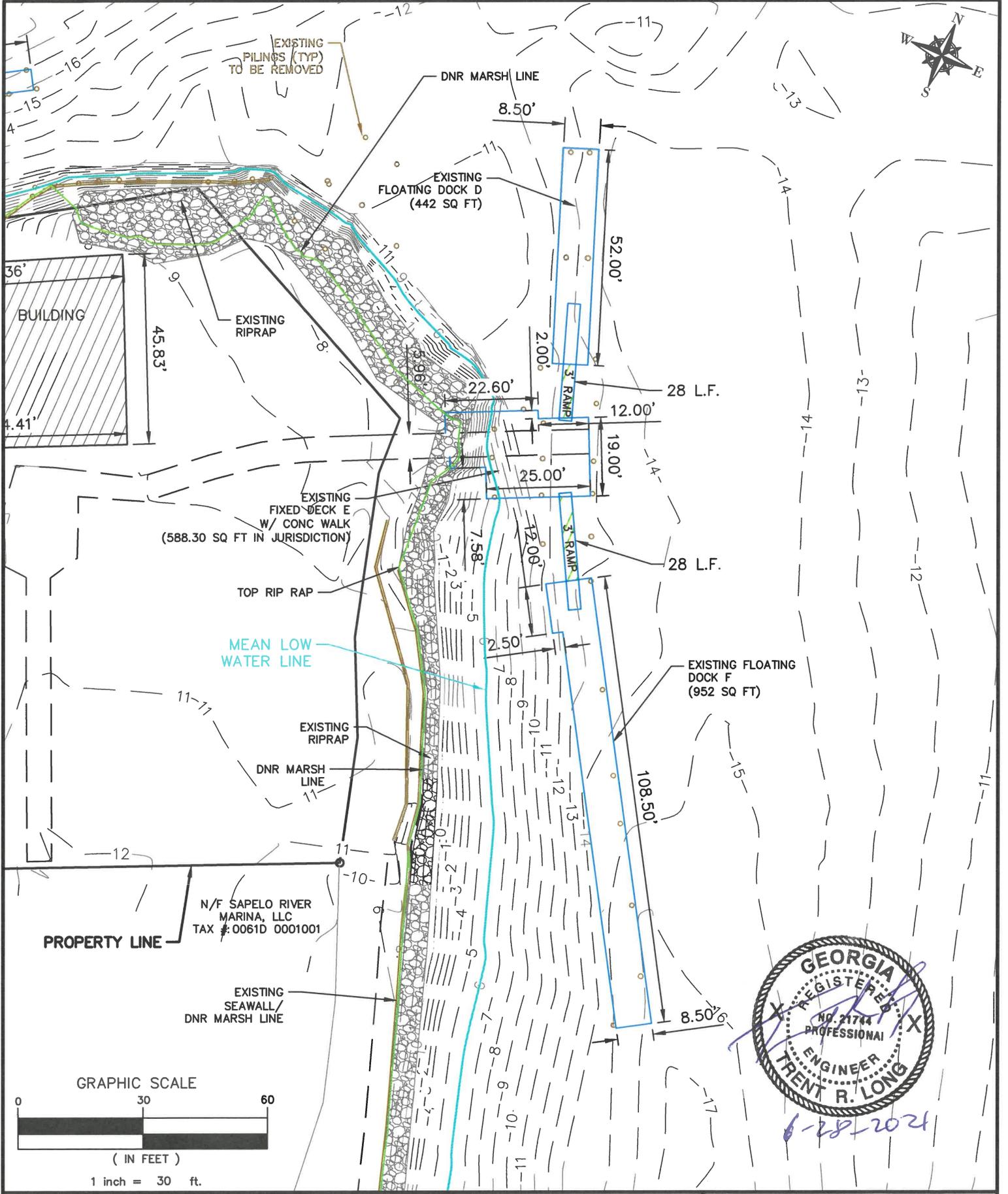
ON PHILLIPS 0061D 0003

1001000 DL1900 # F SAPELO RIVER MARINA, LLC

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### Proposed Repairs for Sapelo Sea Farms

Sheet Name: Existing Conditions  
Sheet Number: C-05  
Initial Date: 12/05/2019  
Drawn By: AGW  
Project Number: 2019-127



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**Proposed Repairs  
 for Sapelo Sea Farms**

Sheet Name: Existing Conditions  
 Sheet Number: C-06  
 Initial Date: 12/05/2019  
 Drawn By: AGW  
 Project Number: 2019-127

PROPOSED COVERED HOIST FOR DOCK LOADING AND UNLOADING. RETRO FIT EXISTING BUILDING WALL WITH PROPER OPENING. (93 SQ FT NEW SHADED AREA)

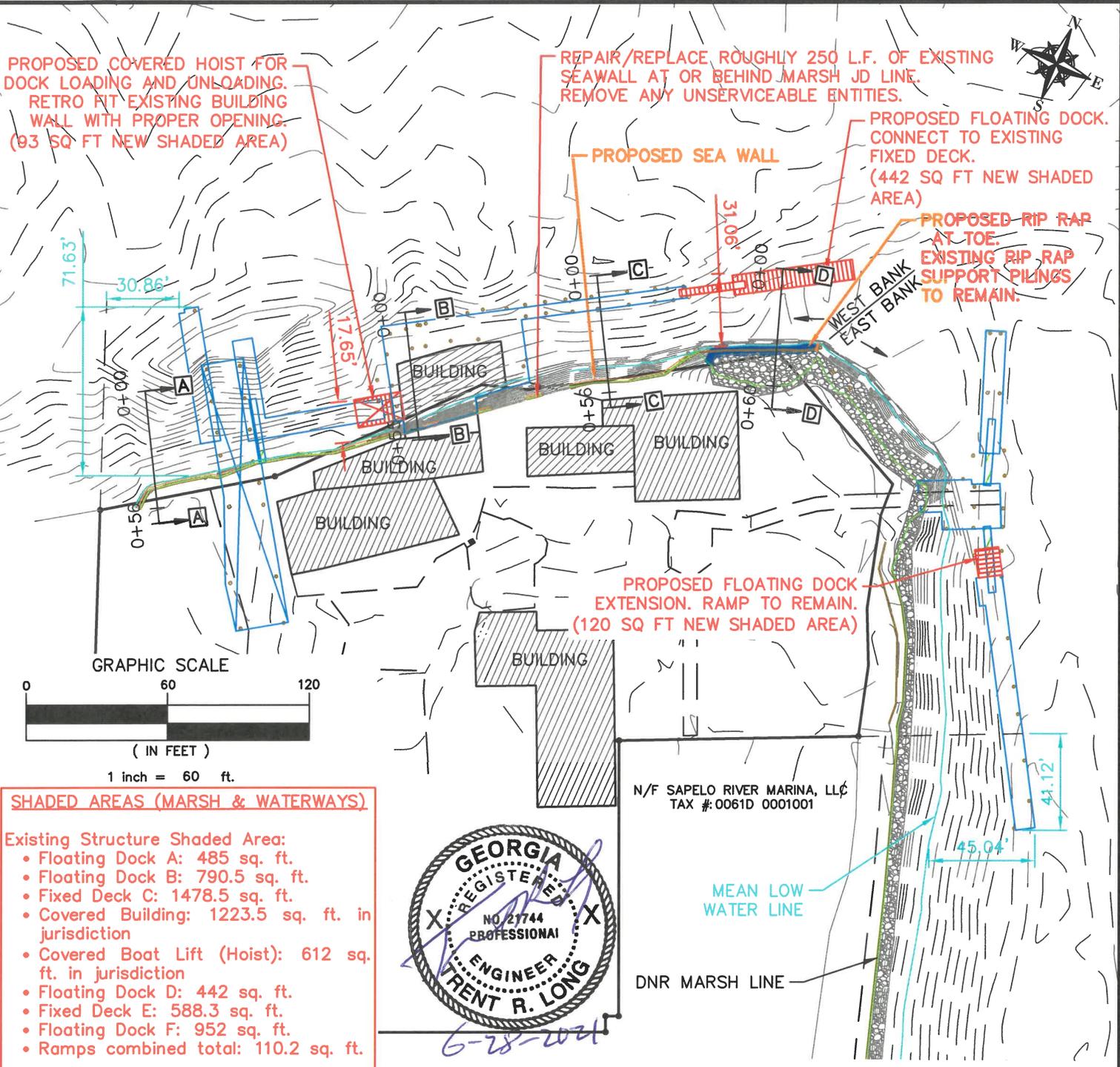
REPAIR/REPLACE ROUGHLY 250 L.F. OF EXISTING SEAWALL AT OR BEHIND MARSH JD LINE. REMOVE ANY UNSERVICEABLE ENTITIES.

PROPOSED FLOATING DOCK. CONNECT TO EXISTING FIXED DECK. (442 SQ FT NEW SHADED AREA)

PROPOSED RIP RAP AT TOE. EXISTING RIP RAP SUPPORT PILING TO REMAIN.

PROPOSED SEA WALL

PROPOSED FLOATING DOCK EXTENSION. RAMP TO REMAIN. (120 SQ FT NEW SHADED AREA)



GRAPHIC SCALE



( IN FEET )

1 inch = 60 ft.

**SHADED AREAS (MARSH & WATERWAYS)**

- Existing Structure Shaded Area:
- Floating Dock A: 485 sq. ft.
  - Floating Dock B: 790.5 sq. ft.
  - Fixed Deck C: 1478.5 sq. ft.
  - Covered Building: 1223.5 sq. ft. in jurisdiction
  - Covered Boat Lift (Hoist): 612 sq. ft. in jurisdiction
  - Floating Dock D: 442 sq. ft.
  - Fixed Deck E: 588.3 sq. ft.
  - Floating Dock F: 952 sq. ft.
  - Ramps combined total: 110.2 sq. ft.

Total Existing Shaded Area: 6,682 sq. ft.

Proposed Structures Additional Shaded Area:

- Covered Hoist: 93 sq. ft.
- Proposed Floating Dock: 442 sq. ft.
- Ramp: 70 sq. ft.
- Southern Floating Dock Extension: 120 sq. ft.

Total Proposed Shaded Area: 725 sq. ft.

Total Shaded Area: 7,337 sq. ft.



6-28-2021

**MOORING SPACE**

Total Length of Mooring Space  
Existing = 454 l.f.  
Proposed = 137 l.f.  
Total = 591 l.f.

Mooring area in front of parcel 0061d 0001001 is not included in total mooring space calculations (90.2 l.f.)

**TOTAL STRUCTURAL FILL**

Section A (120 LF @ 0.13CY/LF)=15.6CY  
Section B (55 LF @ 0.17CY/LF)=9.4CY  
Section C (75 LF @ 0.03CY/LF)=2.3CY  
Section D (50 LF @ 0.04CY/LF)=2.0CY of Rip-Rap

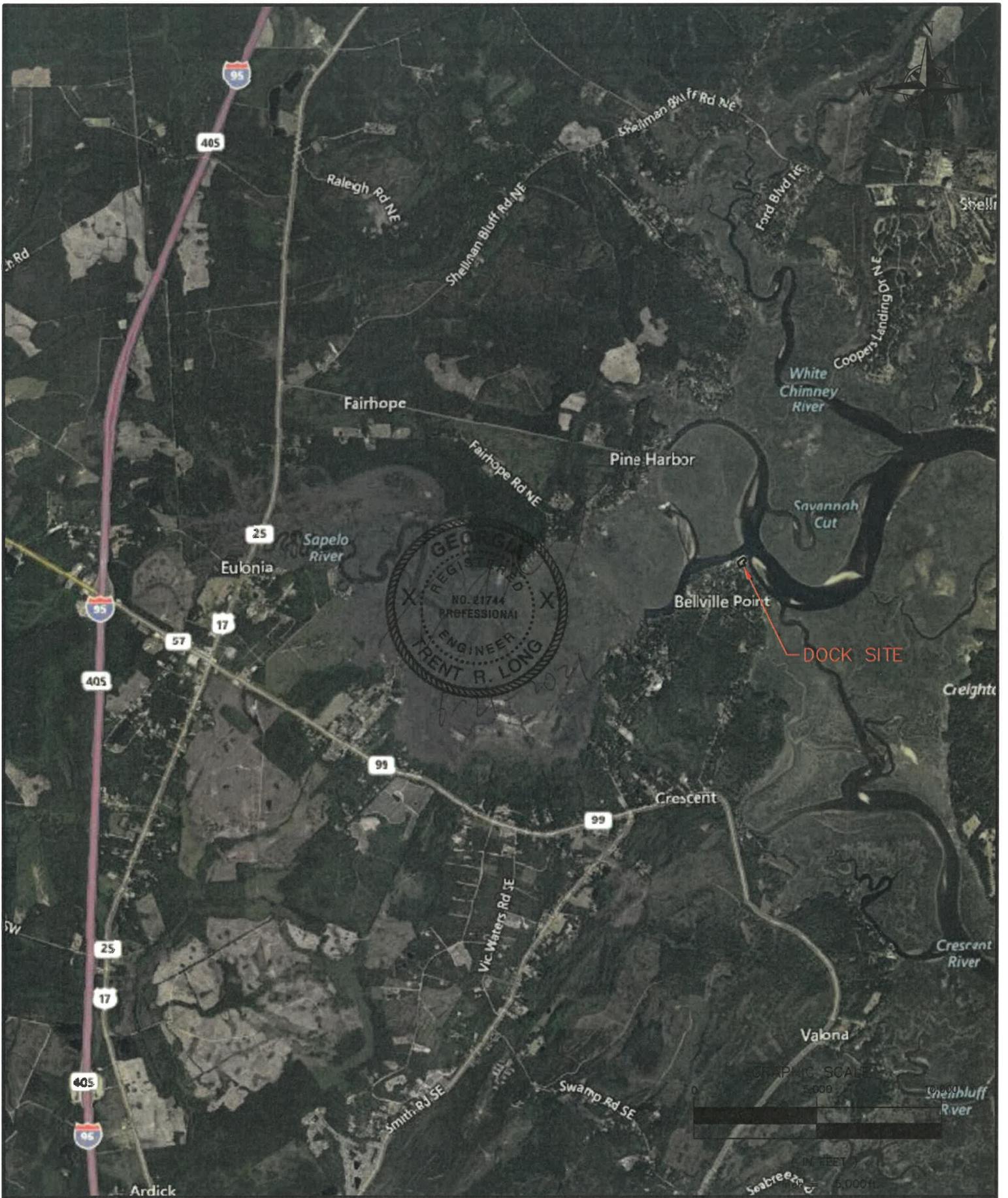
29.3 CY / 300 LF = 0.1 CY/LF ALONG PROJECT

Contractor to contact Engineer and Army Corps if fill is greater than designed. Estimated fill per 1 L.F. less than 1 CY.

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**Proposed Repairs  
for Sapelo Sea Farms**

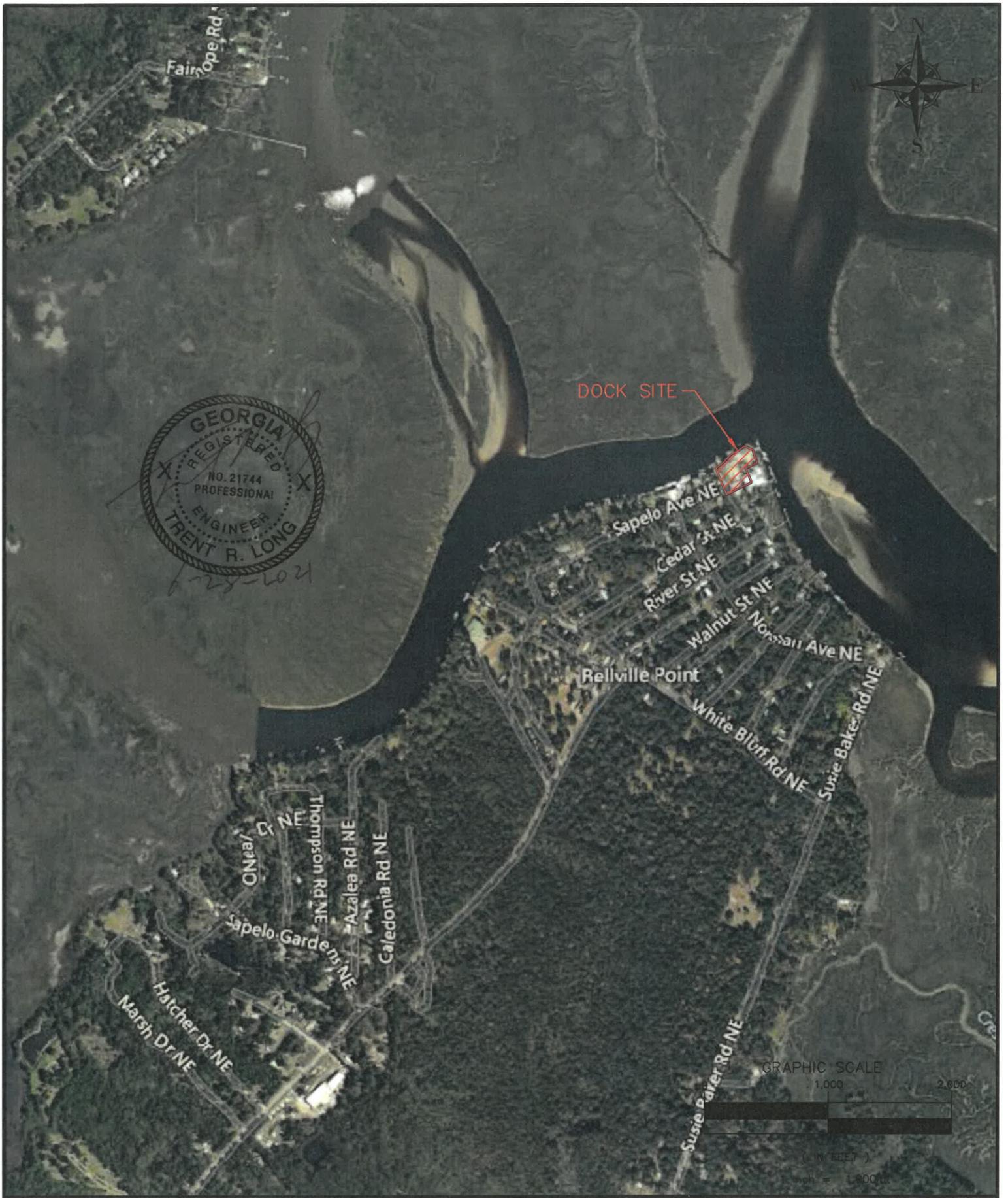
Sheet Name: Proposed Conditions  
Sheet Number: C-07  
Initial Date: 12/05/2019  
Drawn By: AGW  
Project Number: 2019-127



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**Proposed Repairs  
 for Sapelo Sea Farms**

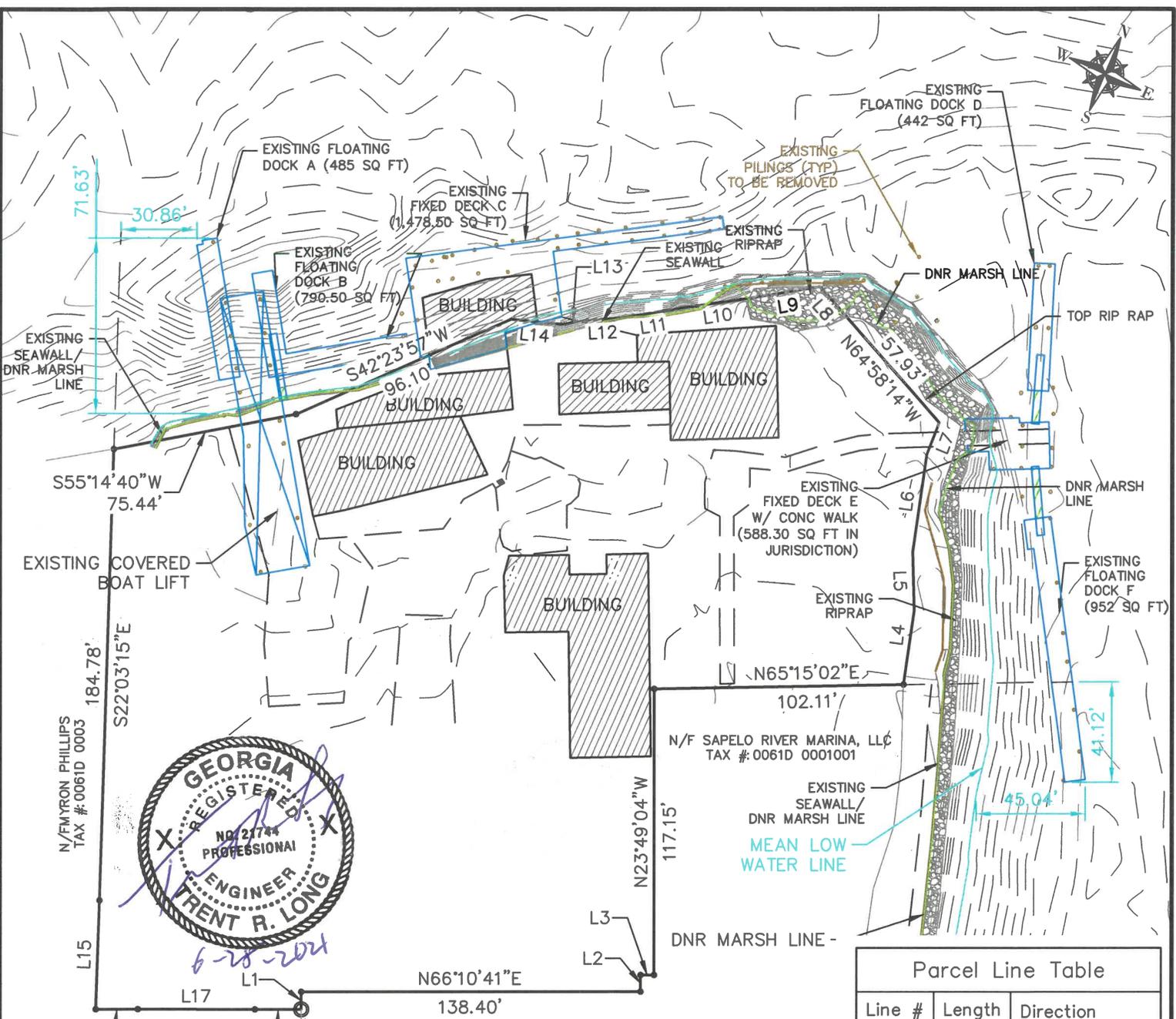
Sheet Name: Vicinity Map  
 Sheet Number: C-02  
 Initial Date: 12/05/2019  
 Drawn By: AGW  
 Project Number: 2019-127



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**Proposed Repairs  
 for Sapelo Sea Farms**

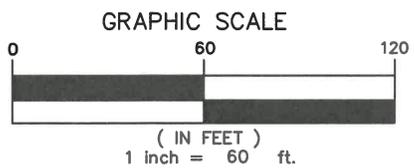
Sheet Name: Vicinity Map Enlarged  
 Sheet Number: C-03  
 Initial Date: 12/05/2019  
 Drawn By: AGW  
 Project Number: 2019-127



6-28-2024

Line #	Length	Direction
L9	28.16	S56° 43' 44"W
L10	29.81	S58° 11' 21"W
L11	25.13	S56° 49' 49"W
L12	14.60	S63° 05' 37"W
L13	9.32	S55° 41' 25"W
L14	20.57	S71° 53' 14"W
L15	44.57	S21° 54' 56"E
L16	17.12	N66° 15' 41"E
L17	47.49	N66° 15' 41"E
L18	19.01	N66° 15' 41"E

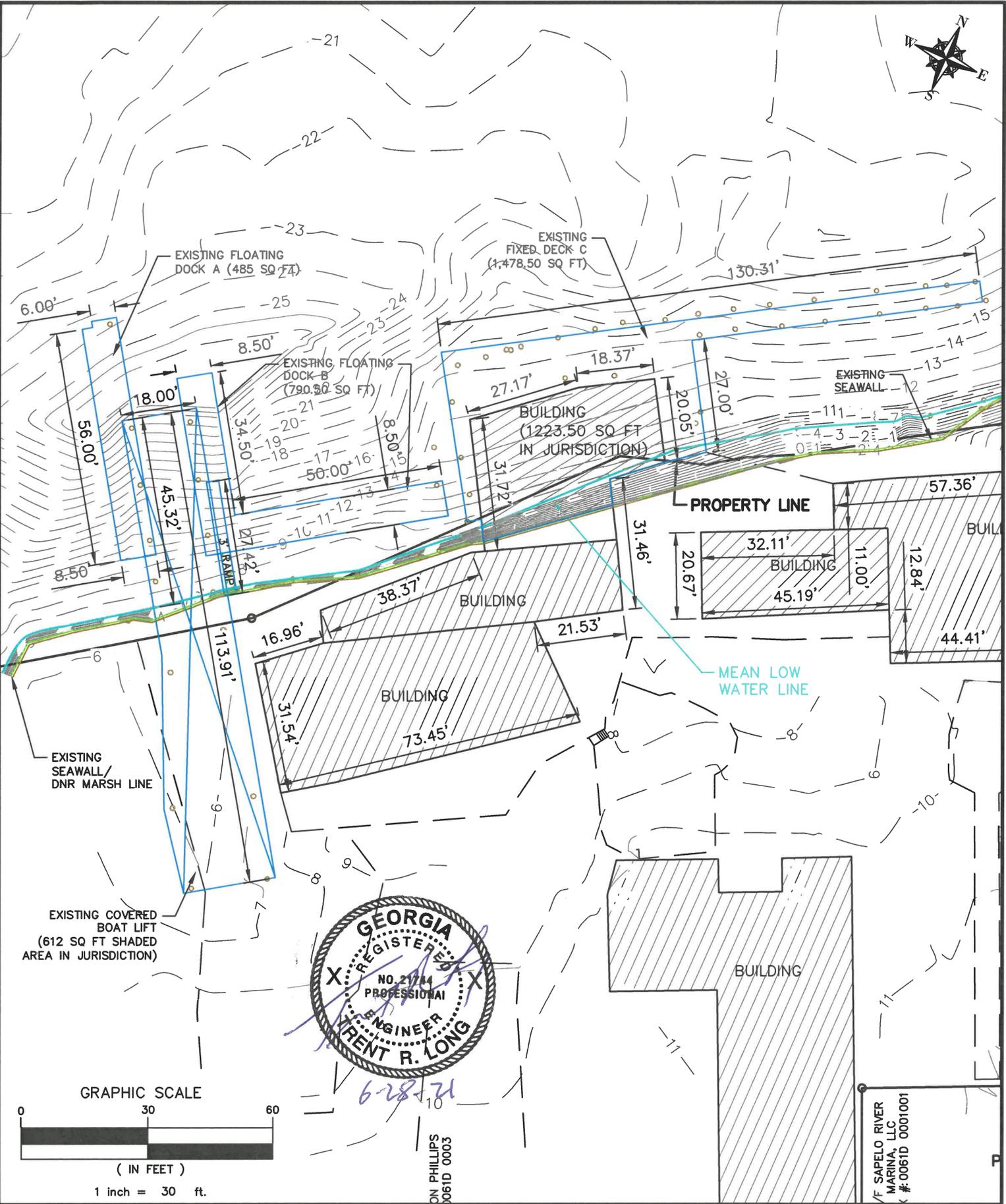
Line #	Length	Direction
L1	7.20	N23° 49' 19"W
L2	6.82	N23° 49' 19"W
L3	5.55	N66° 03' 26"E
L4	30.56	N15° 46' 18"W
L5	24.25	N25° 23' 28"W
L6	39.99	N15° 38' 30"W
L7	14.08	N02° 31' 22"W
L8	16.02	N65° 08' 15"W



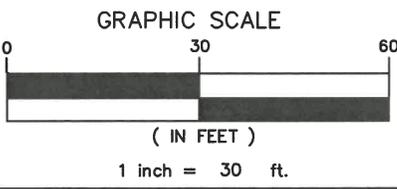
**T. R. Long Engineering, P.C.**  
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 (912) 368-7206 Fax

**Proposed Repairs  
 for Sapelo Sea Farms**

Sheet Name: Existing Conditions  
 Sheet Number: C-04  
 Initial Date: 12/05/2019  
 Drawn By: AGW  
 Project Number: 2019-127



EXISTING COVERED BOAT LIFT (612 SQ FT SHADED AREA IN JURISDICTION)



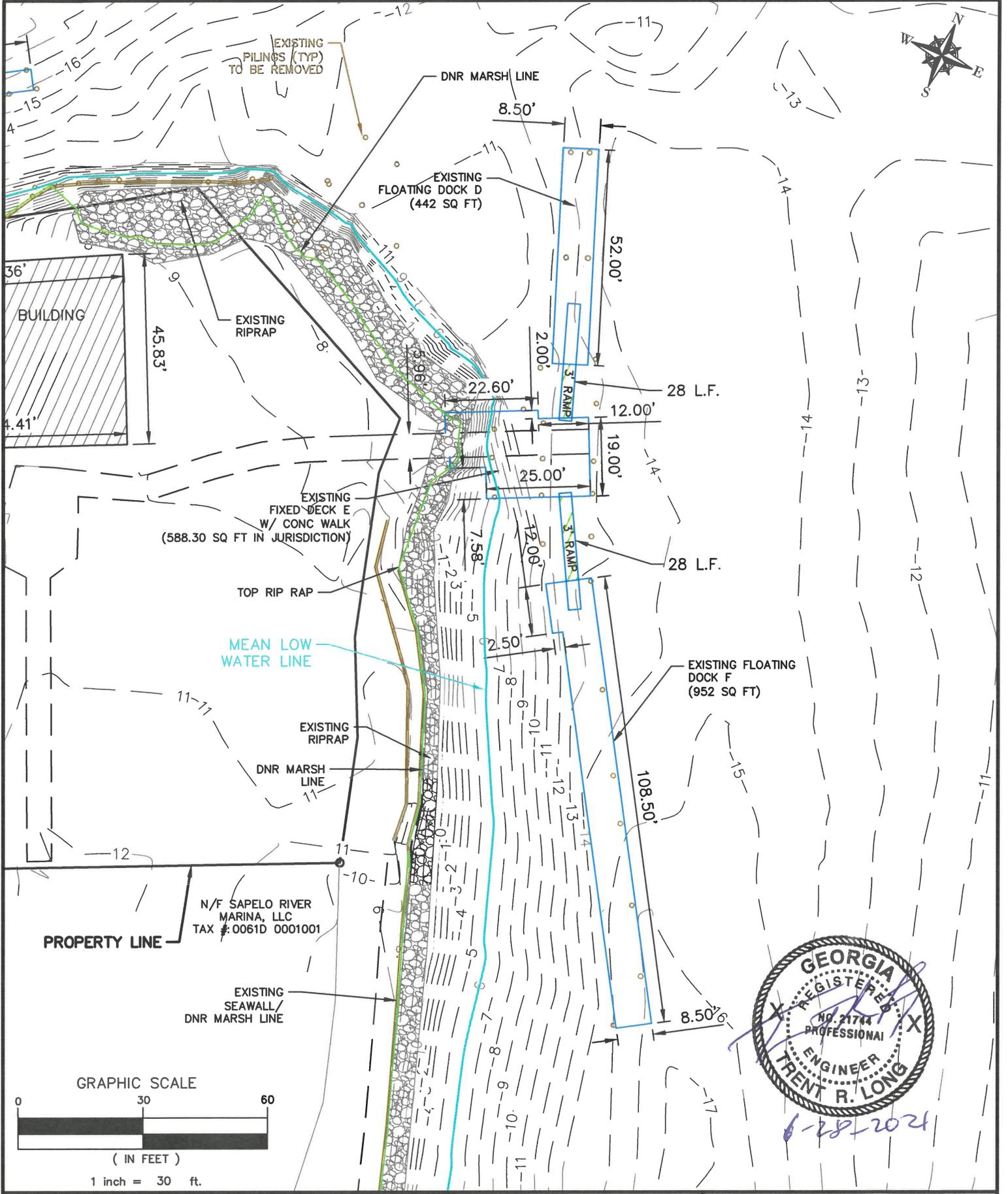
ON PHILLIPS 0061D 0003

1001000 DL1900 # SAPELO RIVER MARINA, LLC

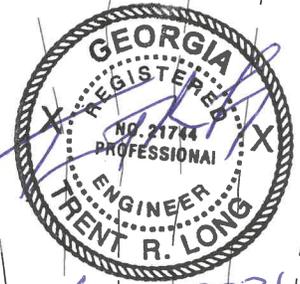
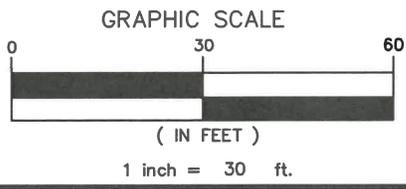
T. R. Long Engineering, P.C.  
114 North Commerce Street  
Hinesville, Georgia 31313  
(912) 368-5664  
(912) 368-7206 Fax

### Proposed Repairs for Sapelo Sea Farms

Sheet Name: Existing Conditions  
Sheet Number: C-05  
Initial Date: 12/05/2019  
Drawn By: AGW  
Project Number: 2019-127



PROPERTY LINE  
N/F SAPELO RIVER MARINA, LLC  
TAX #: 0061D 0001001



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### Proposed Repairs for Sapelo Sea Farms

Sheet Name: Existing Conditions  
Sheet Number: C-06  
Initial Date: 12/05/2019  
Drawn By: AGW  
Project Number: 2019-127

PROPOSED COVERED HOIST FOR DOCK LOADING AND UNLOADING. RETRO FIT EXISTING BUILDING WALL WITH PROPER OPENING. (93 SQ FT NEW SHADED AREA)

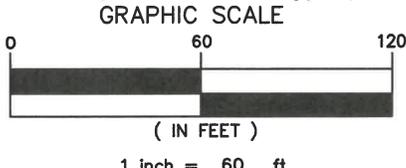
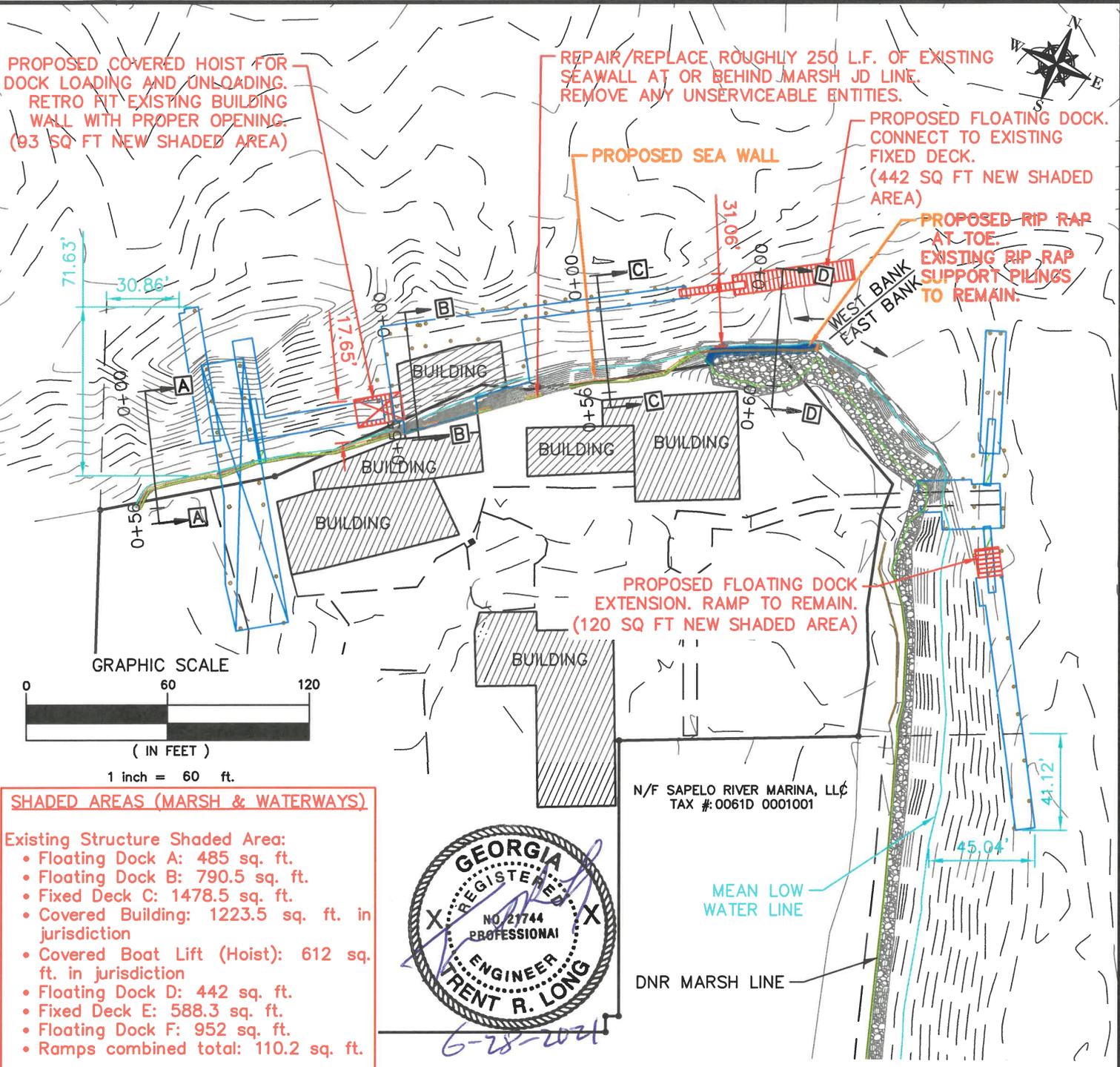
REPAIR/REPLACE ROUGHLY 250 L.F. OF EXISTING SEAWALL AT OR BEHIND MARSH JD LINE. REMOVE ANY UNSERVICEABLE ENTITIES.

PROPOSED FLOATING DOCK. CONNECT TO EXISTING FIXED DECK. (442 SQ FT NEW SHADED AREA)

PROPOSED RIP RAP AT TOE. EXISTING RIP RAP SUPPORT PILING TO REMAIN.

PROPOSED SEA WALL

PROPOSED FLOATING DOCK EXTENSION. RAMP TO REMAIN. (120 SQ FT NEW SHADED AREA)



**SHADED AREAS (MARSH & WATERWAYS)**

- Existing Structure Shaded Area:
- Floating Dock A: 485 sq. ft.
  - Floating Dock B: 790.5 sq. ft.
  - Fixed Deck C: 1478.5 sq. ft.
  - Covered Building: 1223.5 sq. ft. in jurisdiction
  - Covered Boat Lift (Hoist): 612 sq. ft. in jurisdiction
  - Floating Dock D: 442 sq. ft.
  - Fixed Deck E: 588.3 sq. ft.
  - Floating Dock F: 952 sq. ft.
  - Ramps combined total: 110.2 sq. ft.

Total Existing Shaded Area:  
6,682 sq. ft.

**Proposed Structures Additional Shaded Area:**

- Covered Hoist: 93 sq. ft.
- Proposed Floating Dock: 442 sq. ft.
- Ramp: 70 sq. ft.
- Southern Floating Dock Extension: 120 sq. ft.

Total Proposed Shaded Area: 725 sq. ft.

Total Shaded Area: 7,337 sq. ft.



N/F SAPELO RIVER MARINA, LLC  
TAX #: 0061D 0001001

**MOORING SPACE**

Total Length of Mooring Space  
Existing = 454 l.f.  
Proposed = 137 l.f.  
Total = 591 l.f.

Mooring area in front of parcel 0061d 0001001 is not included in total mooring space calculations (90.2 l.f.)

**TOTAL STRUCTURAL FILL**

Section A (120 LF @ 0.13CY/LF)=15.6CY  
Section B (55 LF @ 0.17CY/LF)=9.4CY  
Section C (75 LF @ 0.03CY/LF)=2.3CY  
Section D (50 LF @ 0.04CY/LF)=2.0CY of Rip-Rap

29.3 CY / 300 LF = 0.1 CY/LF ALONG PROJECT

Contractor to contact Engineer and Army Corps if fill is greater than designed. Estimated fill per 1 L.F. less than 1 CY.

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Proposed Repairs  
for Sapelo Sea Farms

Sheet Name: Proposed Conditions  
Sheet Number: C-07  
Initial Date: 12/05/2019  
Drawn By: AGW  
Project Number: 2019-127



**PROPOSED COVERED HOIST FOR DOCK LOADING AND UNLOADING. RETRO FIT EXISTING BUILDING WALL WITH PROPER OPENING. (93 SQ FT NEW SHADED AREA)**

EXISTING FLOATING DOCK A (485 SQ FT)

EXISTING FLOATING DOCK B (790.50 SQ FT)

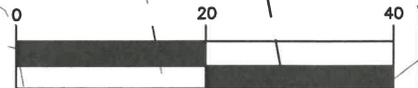
BUILDING (1223.50 SQ FT IN JURISDICTION)

BUILDING

**PROPOSED SEAWALL TO BE INSTALLED AS CLOSE TO THE EXISTING BULKHEAD AS POSSIBLE**

- NOTE**
1. ALL ACTIVITIES SHOULD BE PERFORMED IN A MANNER TO MINIMIZE TURBIDITY IN THE STREAM.
  2. THERE SHOULD BE NO OILS OR OTHER POLLUTANTS RELEASED FROM THE PROPOSED ACTIVITIES WHICH WILL REACH THE STREAM.
  3. ALL WORK PERFORMED DURING CONSTRUCTION SHOULD BE DONE IN A MANNER TO PREVENT INTERFERENCE WITH ANY LEGITIMATE WATER USE.

GRAPHIC SCALE



( IN FEET )  
1 inch = 20 ft.

N. MYRON PHILLIPS  
TAX # 0051D 0003

MEAN LOW WATER LINE

EXISTING SEAWALL/  
DNR MARSH LINE

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**Proposed Repairs  
for Sapelo Sea Farms**

Sheet Name: Proposed Conditions  
Sheet Number: C-08  
Initial Date: 12/05/2019  
Drawn By: AGW  
Project Number: 2019-127

**NOTE**

1. ALL ACTIVITIES SHOULD BE PERFORMED IN A MANNER TO MINIMIZE TURBIDITY IN THE STREAM.
2. THERE SHOULD BE NO OILS OR OTHER POLLUTANTS RELEASED FROM THE PROPOSED ACTIVITIES WHICH WILL REACH THE STREAM.
3. ALL WORK PERFORMED DURING CONSTRUCTION SHOULD BE DONE IN A MANNER TO PREVENT INTERFERENCE WITH ANY LEGITIMATE WATER USE.



PROPOSED FLOATING DOCK.  
CONNECT TO EXISTING  
FIXED DECK.  
(442 SQ FT NEW SHADED AREA)

REPAIR/REPLACE ROUGHLY  
130 L.F. OF EXISTING SEAWALL  
AT OR BEHIND MARSH JD LINE.  
REMOVE ANY UNSERVICEABLE  
ENTITIES.

PROPOSED RIP RAP  
AT TOE.  
EXISTING RIP RAP  
SUPPORT PILINGS  
TO REMAIN.

28 L.F.

31.06'

52.00'

25.53'

DNR MARSH LINE

MEAN LOW  
WATER LINE

EXISTING  
SEAWALL

BUILDING

BUILDING

GRAPHIC SCALE



( IN FEET )

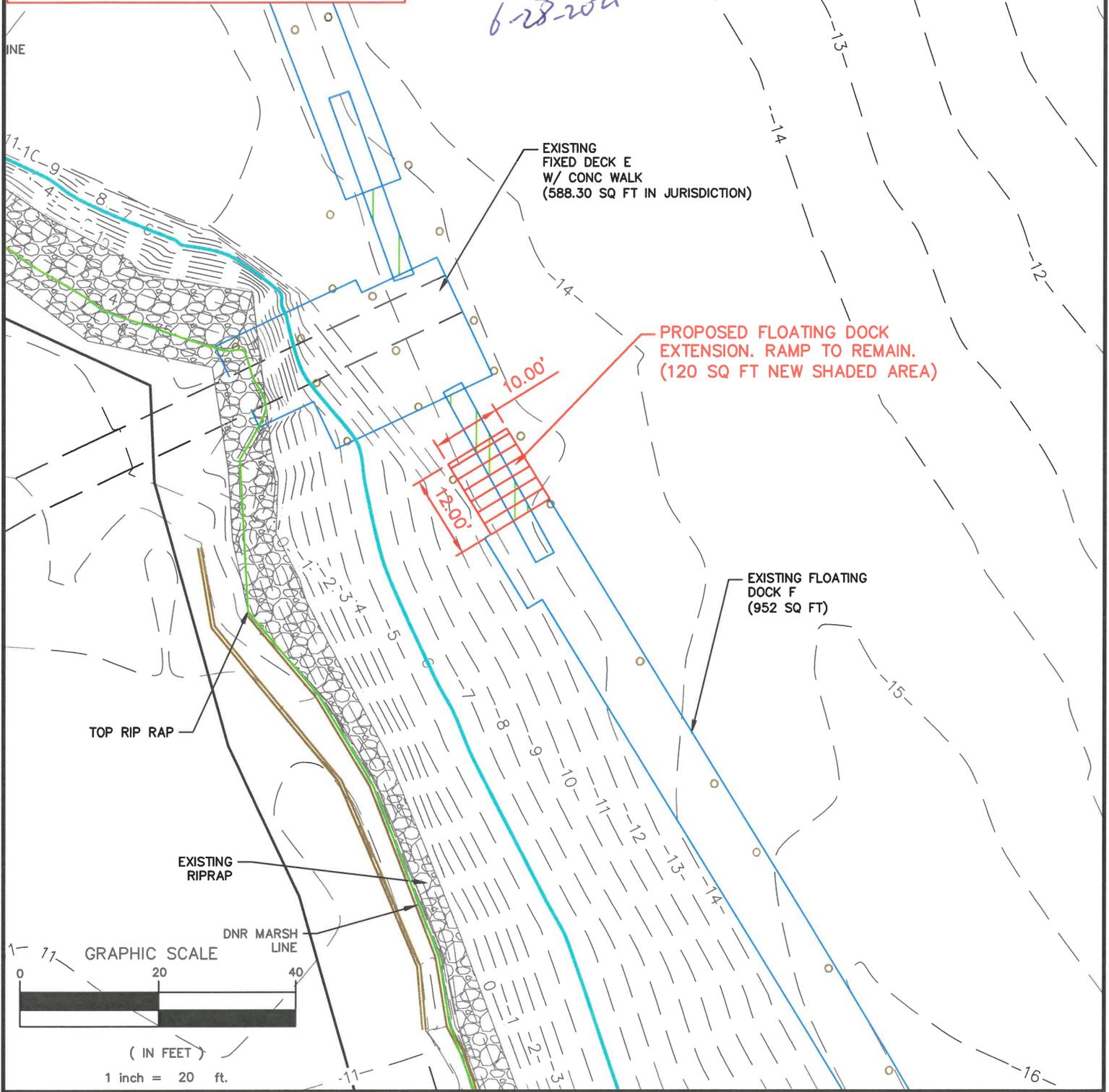
1 inch = 20 ft.

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Hinesville, Georgia 31313  
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(912) 368-7206 Fax

Proposed Repairs  
for Sapelo Sea Farms

Sheet Name: Proposed Conditions  
Sheet Number: C-09  
Initial Date: 12/05/2019  
Drawn By: AGW  
Project Number: 2019-127

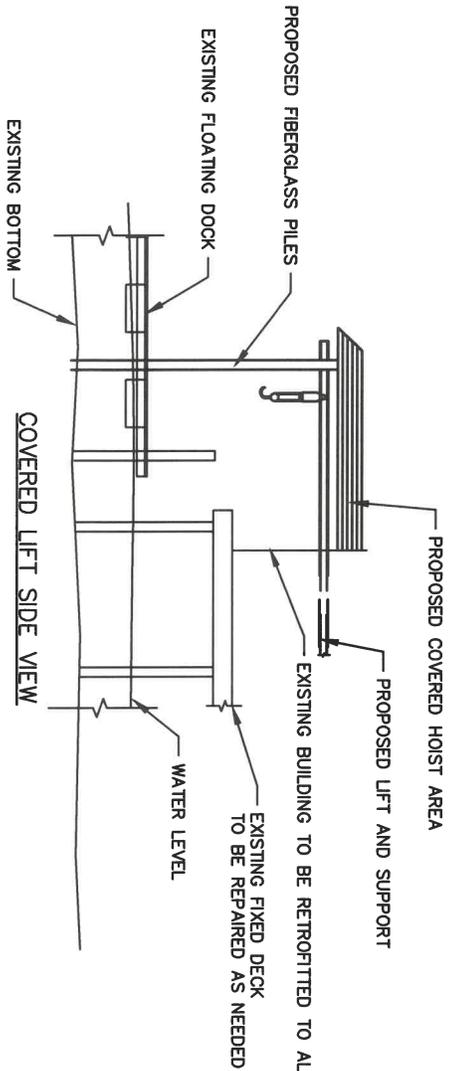
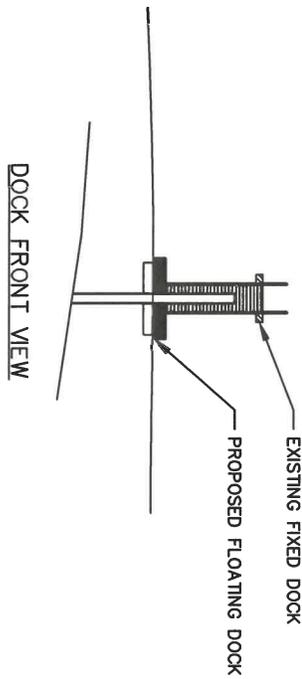
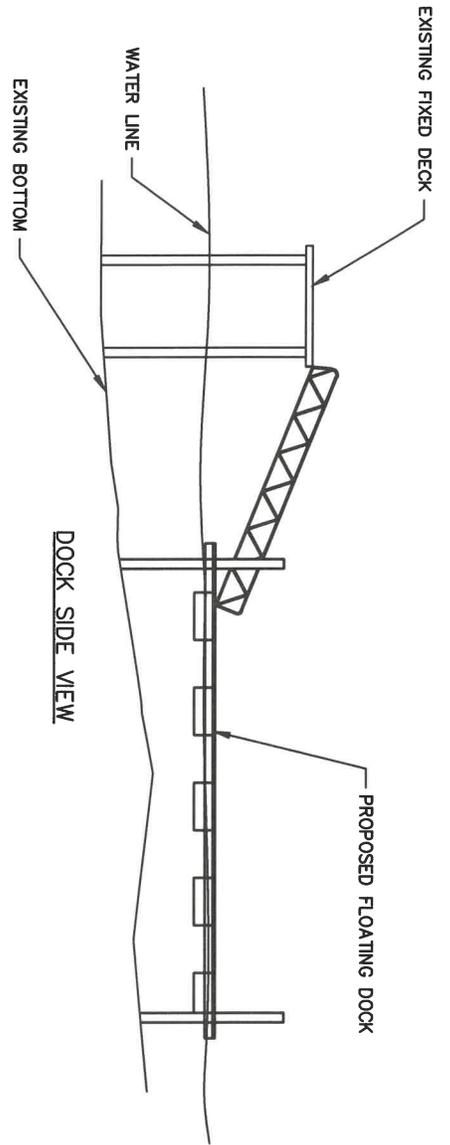
- NOTE**
1. ALL ACTIVITIES SHOULD BE PREFORMED IN A MANNER TO MINIMIZE TURBIDITY IN THE STREAM.
  2. THERE SHOULD BE NO OILS OR OTHER POLLUTANTS RELEASED FROM THE PROPOSED ACTIVITIES WHICH WILL REACH THE STREAM.
  3. ALL WORK PERFORMED DURING CONSTRUCTION SHOULD BE DONE IN A MANNER TO PREVENT INTERFERENCE WITH ANY LEGITIMATE WATER USE.



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**Proposed Repairs  
 for Sapelo Sea Farms**

Sheet Name: Proposed Conditions  
 Sheet Number: C-10  
 Initial Date: 12/05/2019  
 Drawn By: AGW  
 Project Number: 2019-127



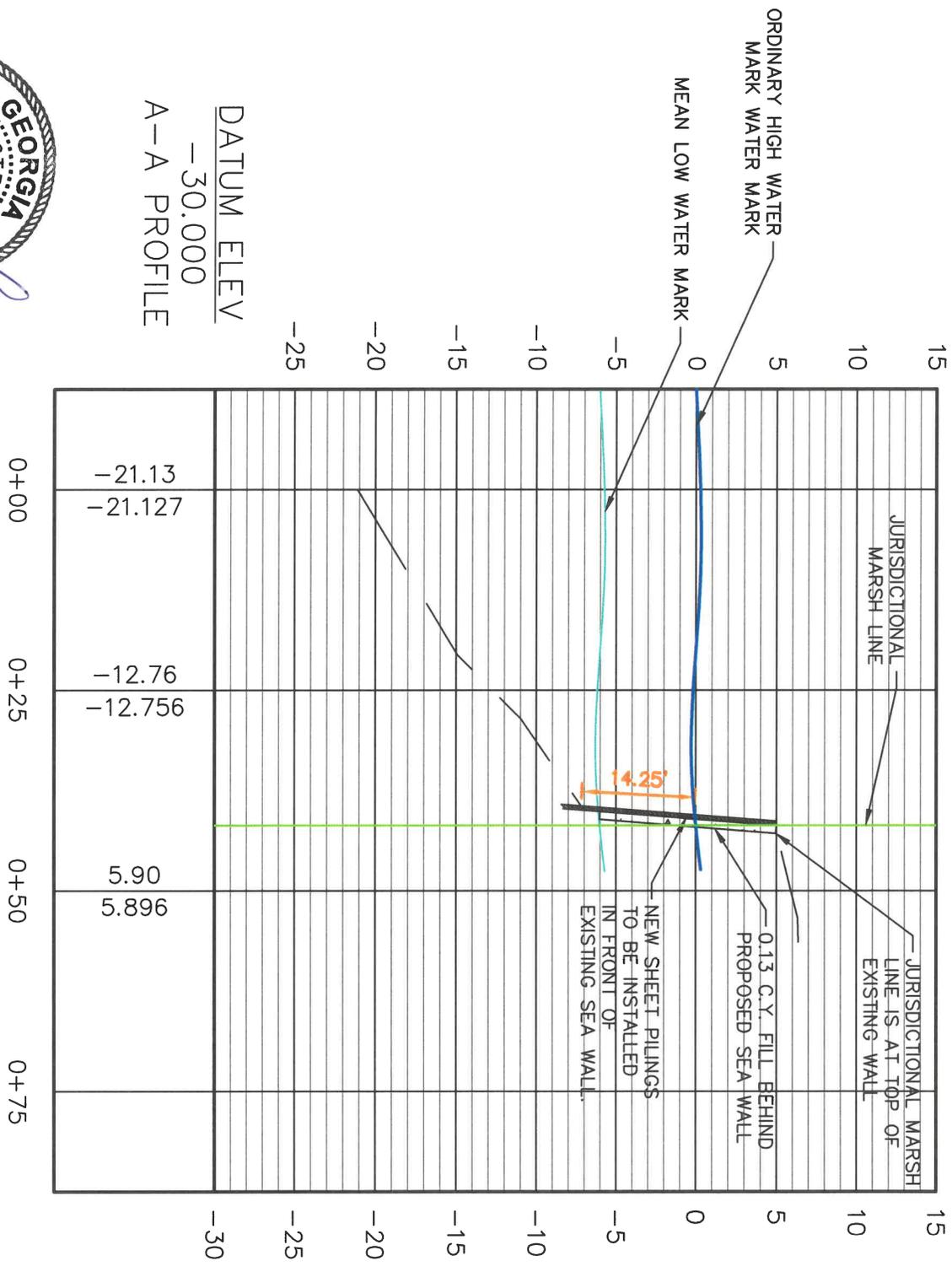
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 114 North Commerce Street  
 Hinesville, Georgia 31313  
 (912) 368-5664  
 (912) 368-7206 Fax

Proposed Repairs  
 for Sapelo Sea Farms

Sheet Name: Proposed Dock Views  
 Sheet Number: C-11  
 Initial Date: 12/05/2019  
 Drawn By: AGW  
 Project Number: 2019-127



DATUM ELEV  
-30.000  
A-A PROFILE



SECTION A-A

**FILL AREA**  
HEIGHT X FILL DEPTH  
14.25' X 0.25' = 3.56 S.F.  
0.13 C.Y. FILL PER FOOT

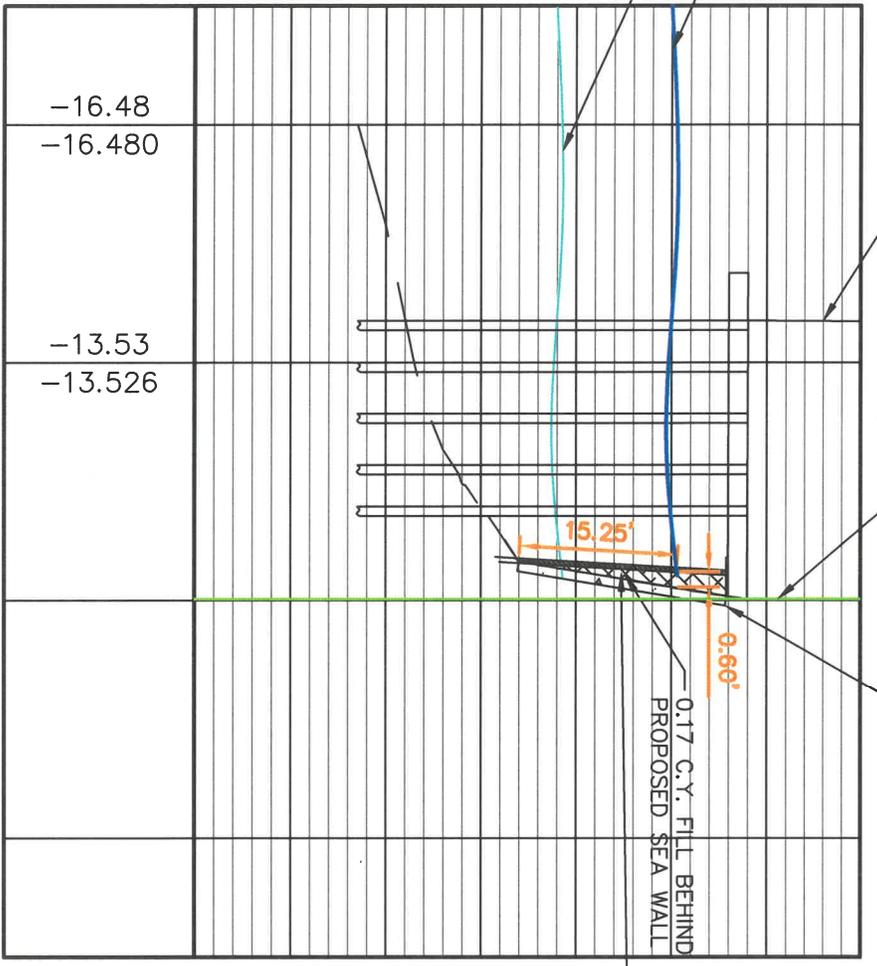
**TOTAL STRUCTURAL FILL BELOW OHWM**  
Section A (120 L.F.) : 0.13 C.Y. PER L.F.  
Contractor to contact Engineer and Army Corps if fill is greater than designed.

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Proposed Repairs  
for Sapelo Sea Farms

Sheet Name: Cross Section A-A  
Sheet Number: C-12  
Initial Date: 12/05/2019  
Drawn By: AGW  
Project Number: 2019-127

PACKAGING HOUSE AND FIXED DECK  
 ORDINARY HIGH WATER MARK WATER MARK  
 MEAN LOW WATER MARK  
 JURISDICTIONAL MARSH LINE  
 TOP OF EXISTING WALL  
 0.17 C.Y. FILL BEHIND PROPOSED SEA WALL  
 15.25'  
 0.66'



DATUM ELEV  
 -25.000  
 B-B PROFILE

SECTION B-B



**FILL AREA**  
 (HEIGHT X FILL DEPTH)/2  
 (15.25' X 0.6')/2 = 4.58 S.F. FILL  
 0.17 C.Y. FILL PER FOOT

**TOTAL STRUCTURAL FILL BELOW OHWM**  
 Section B (55 L.F.) : 0.17 C.Y. PER L.F.  
 Contractor to contact Engineer and Army Corps if fill is greater than designed.

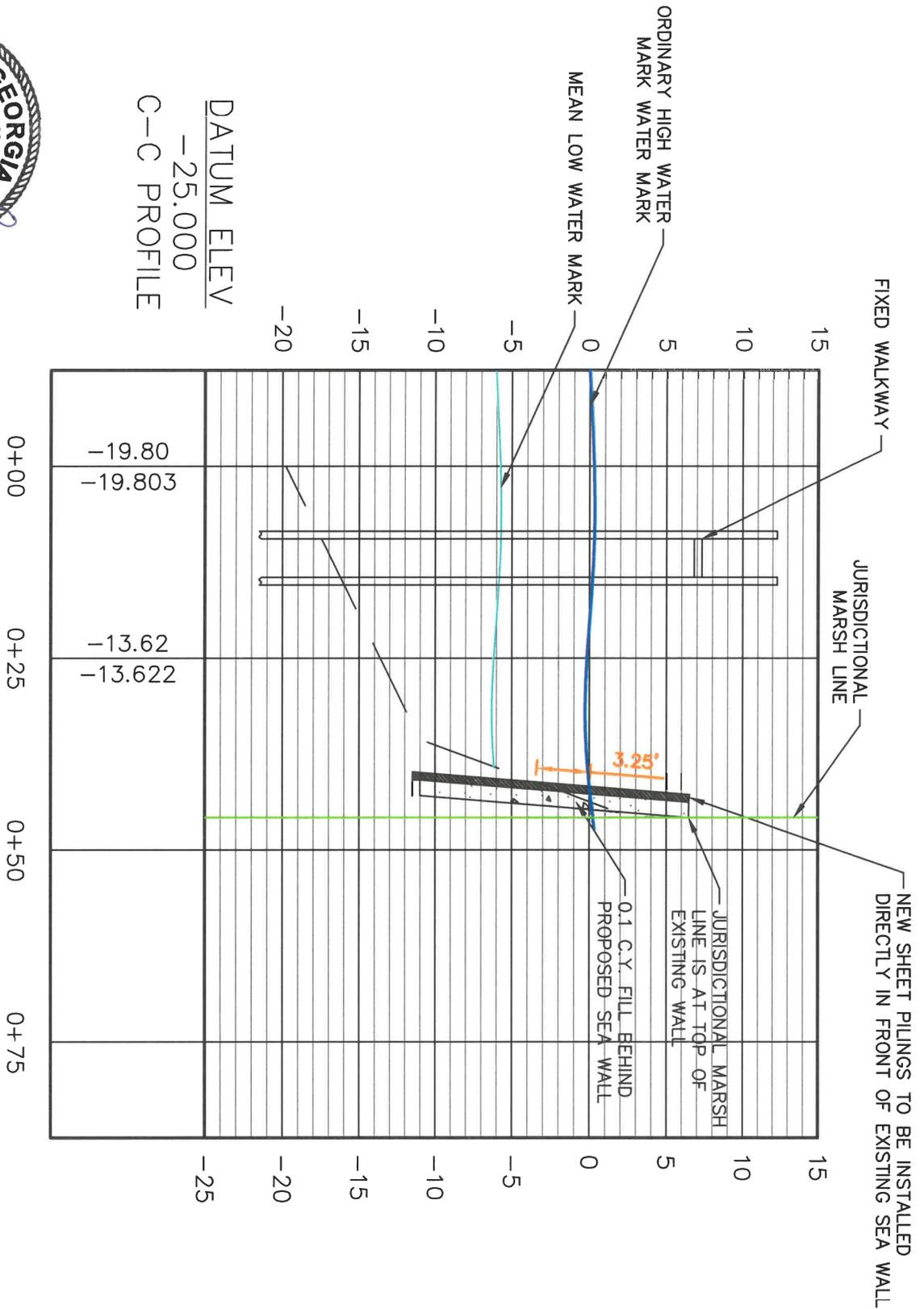
NEW SHEET PILING TO BE INSTALLED IN FRONT OF EXISTING SEA WALL. FILL ALL VOIDS BETWEEN WALL. ROUGHLY 4.5 SQUARE FEET OF FILL.

T. R. Long Engineering, P.C.  
 114 North Commerce Street  
 Hinesville, Georgia 31313  
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 (912) 368-7206 Fax

Proposed Repairs  
 for Sapelo Sea Farms

Sheet Name: Cross Section B-B  
 Sheet Number: C-13  
 Initial Date: 12/05/2019  
 Drawn By: AGW  
 Project Number: 2019-127

DATUM ELEV  
-25.000  
C-C PROFILE



SECTION C-C



**FILL AREA**  
HEIGHT X FILL DEPTH  
3.25' X 0.25' = 0.81 C.F.  
0.03 C.Y. PER FOOT

**TOTAL STRUCTURAL FILL BELOW OHWM**  
Section C (75 L.F.) : 0.03 C.Y. PER FT.  
Contractor to contact Engineer and Army Corps if fill is greater than designed.

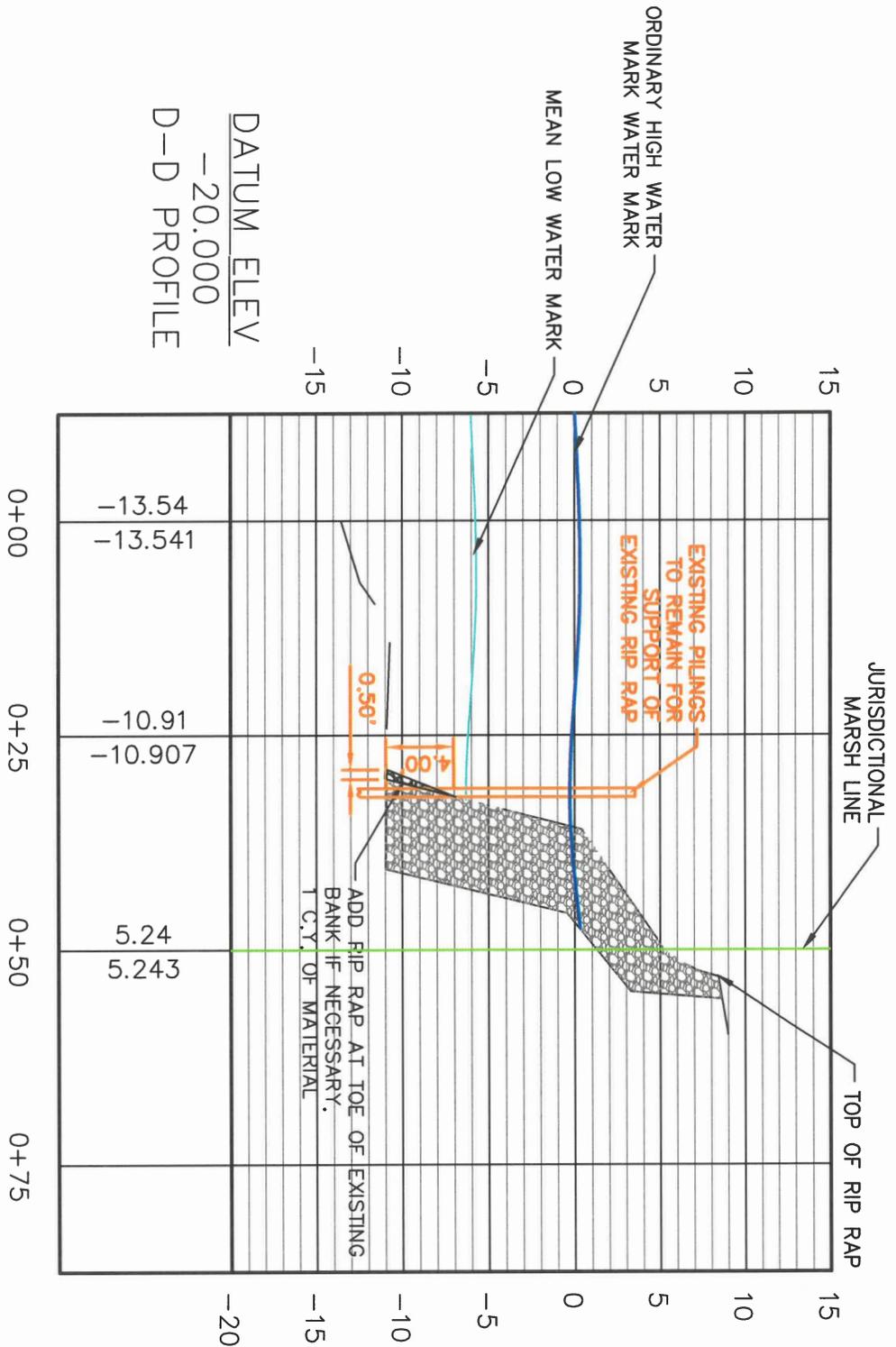
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114 North Commerce Street  
Hinesville, Georgia 31313  
(912) 368-5664  
(912) 368-7206 Fax

Proposed Repairs  
for Sapelo Sea Farms

Sheet Name: Cross Section C-C  
Sheet Number: C-14  
Initial Date: 12/05/2019  
Drawn By: AGW  
Project Number: 2019-127



DATUM ELEV  
-20.000  
D-D PROFILE



SECTION D-D

**FILL AREA**  
(HEIGHT X FILL DEPTH)/2  
(4.00' X 0.5')/2 = 1.0 S.F.  
0.04 C.Y. FILL PER FOOT

**TOTAL STRUCTURAL FILL BELOW OHWM**  
Section D (50 L.F.) : 0.04 C.Y. PER L.F.  
Contractor to contact Engineer and Army Corps if fill is greater than designed.

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Hinesville, Georgia 31313  
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(912) 368-7206 Fax

Proposed Repairs  
for Sapelo Sea Farms

Sheet Name: Cross Section D-D  
Sheet Number: C-15  
Initial Date: 12/05/2019  
Drawn By: AGW  
Project Number: 2019-127