

SCALE: 1"=2 MILES



**VICINITY MAP**

PROPOSED ACTIVITY: RETAINING WALL

**MICHAEL BONO SHORELINE**

TYBEE ISLAND, GEORGIA

Applicant: MICHAEL BONO

Date: 02-27-23

County: CHATHAM

JOB#: 22-1007

DATUM: NAVD88

SCALE: 1" = 2 MILES

SHEET: 1 of 5



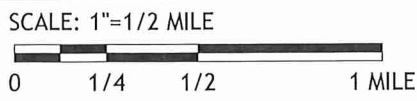
**Ball Maritime Group, LLC**

4 Cedar View Court | Savannah, Georgia | 31410 | (912) 662-2914  
www.ballmaritime.com

Copyright © 2020



Project Boundary



**LOCATION MAP** **MICHAEL BONO SHORELINE**

PROPOSED ACTIVITY: RETAINING WALL TYBEE ISLAND, GEORGIA

Applicant: MICHAEL BONO

Date: 02-27-23

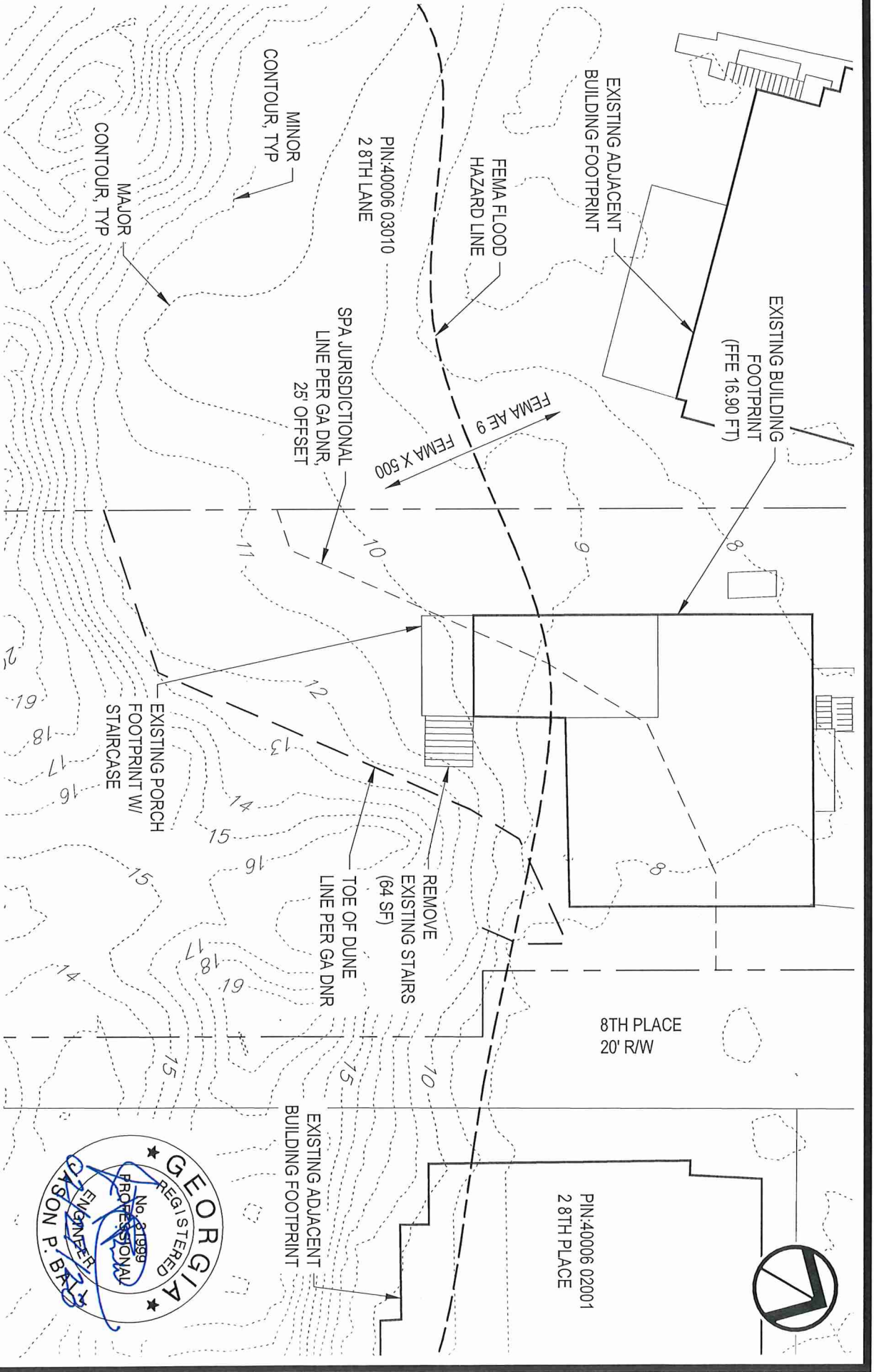
County: CHATHAM

JOB#: 22-1007 DATUM: NAVD88

SCALE: 1" = 1/2 MILE SHEET: 2 of 5



**Ball Maritime Group, LLC**  
 4 Cedar View Court | Savannah, Georgia | 31410 | (912) 662-2914  
 www.ballmaritime.com Copyright © 2020



**EXISTING CONDITIONS**

PROPOSED ACTIVITY: RETAINING WALL

Applicant: MICHAEL BONO

Date: 02-27-23

County: CHATHAM

JOB#: 22-1007

SCALE: 1" = 20'

MICHAEL BONO SHORELINE

THREE ISLAND, GEORGIA

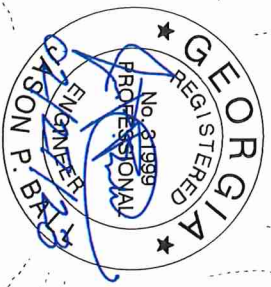
GENERAL NOTES:

SCALE: 1" = 20' (IN FEET)



HORIZONTAL DATUM: NAD83

VERTICAL DATUM: NAVD88



**Ball Maritime Group, LLC**

4 Cedar View Court | Savannah, Georgia | 31410 | (912) 662-2914  
www.ballmaritime.com

Copyright © 2020





TIMBER SHEET PILE CAP,  
2"x10" TOP, 2"x8" FACIA BOTH  
SIDES, 1/2" HDG BOLTS @ 18" OC

TOP OF CAP  
EL 15.00

SG-225 SHEET PILE  
RETAINING WALL

EXISTING GROUND  
EL 12.00, SEE NOTE

GROUND WATER  
EL 9.00

PILE TIP  
EL 5.00

DESIGN DUNE  
SLOPE, 50 YEAR

EXISTING DUNE  
SLOPE, SEE NOTE

€  
SHEET PILE  
& CAP

EXISTING DUNE, SANDY  
GRANULAR MATERIAL W/  
SPARSE VEGETATIVE COVER

NOTES:

1. EXISTING GROUND ELEVATION VARIES ALONG RETAINING WALL. PASSIVE SIDE OF WALL DESIGN TOE DEPTH IS DESIGNED FOR POTENTIAL EXCAVATION OR FLOOD EVENTS.
2. INSTALL JET FILTERS IN EVERY FOURTH SHEET TO ALLEVIATE WATER PRESSURE BEHIND THE WALL AND TO PROVIDE POSITIVE DRAINAGE.
3. ACTIVE PRESSURE DESIGN INCLUDES ACCOMMODATIONS FOR FUTURE BUILD-UP OF DUNE BEHIND BULKHEAD.

**SECTION**

**MICHAEL BONO SHORELINE**

PROPOSED ACTIVITY: RETAINING WALL

TYBEE ISLAND, GEORGIA

Applicant: MICHAEL BONO

Date: 02-27-23

County: CHATHAM

JOB#: 22-1007

DATUM: NAVD88

SCALE: 1/2" = 1'-0"

SHEET: 5 of 5



**Ball Maritime Group, LLC**

4 Cedar View Court | Savannah, Georgia | 31410 | (912) 662-2914  
www.ballmaritime.com

Copyright © 2020