

AERIAL VIEW OF PLUM ORCHARD SHORELINE

1988 3/2013 2013
Click to travel back in time.

Navigation controls including a compass, a location pin, and a vertical scale bar.

BRICKHILL RIVER (HIGH TIDE)

PLUM ORCHARD DOCK

BULKHEAD

P.O. BOATHOUSE

P.O. OCTAGON SHED

LEVEE,
PLUM ORCHARD
DUCK POND

P.O. TERRAPIN
PEN

PLUM ORCHARD
MANSION

Google earth

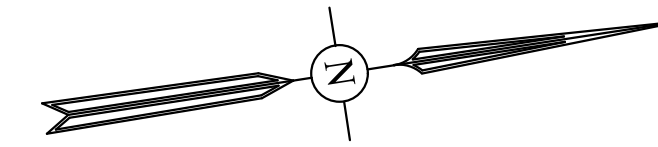
1988

Imagery Date: 3/27/2013 30°51'21.09" N 81°27'59.08" W elev 8 ft eye alt 1102 ft

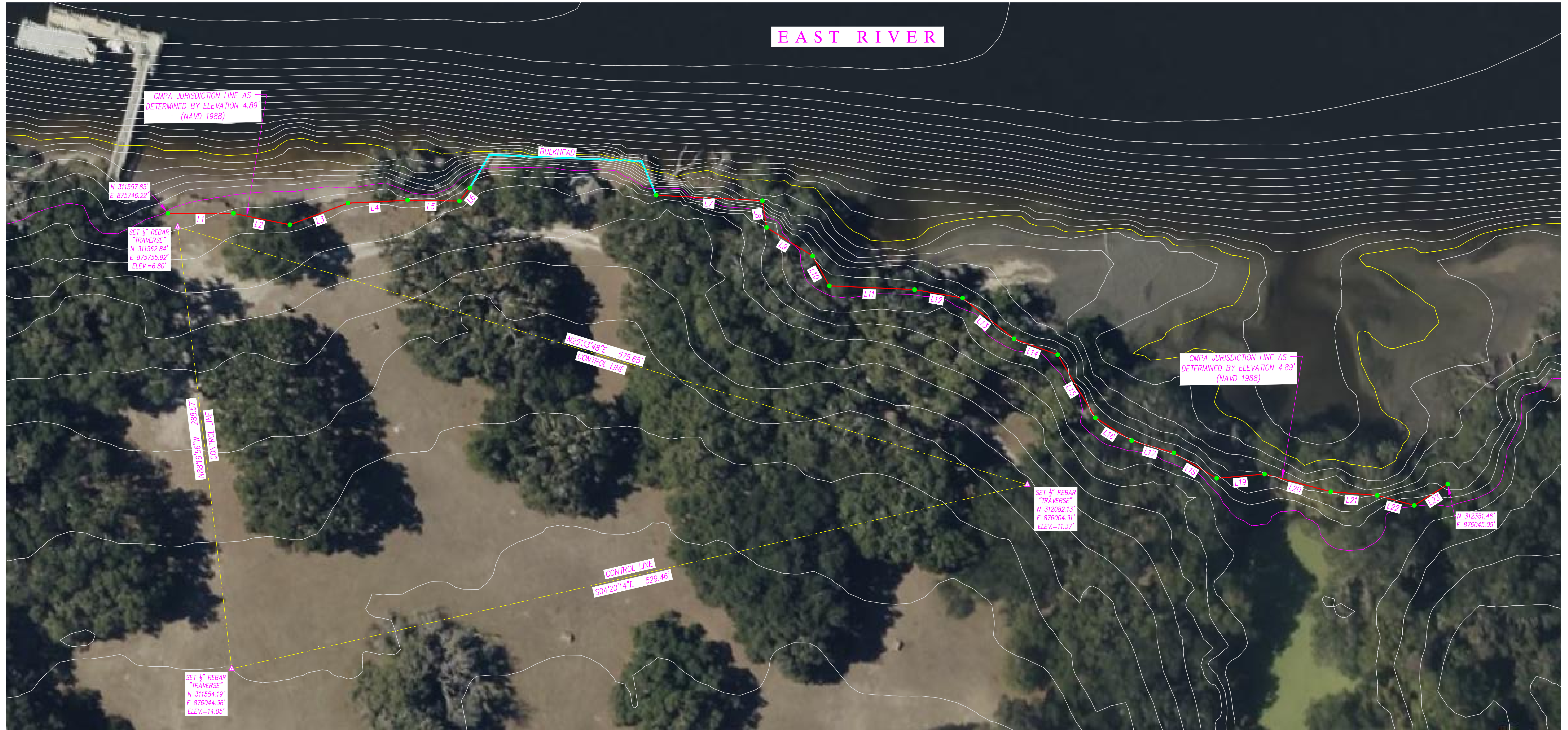
NOTES:

- 1.) BEARINGS, COORDINATES AND ELEVATIONS SHOWN HEREON ARE BASED ON STATE PLANE COORDINATE SYSTEM FOR GEORGIA, EAST ZONE, AND WERE ESTABLISHED BY GPS METHODOLOGY.
- 2.) THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A FORMAL TITLE REVIEW.
- 3.) THERE MAY EXIST ADDITIONAL RESTRICTIONS LYING OVER THE SUBJECT PROPERTY NOT SHOWN HEREON THAT MAY BE RECORDED IN THE PUBLIC RECORDS OF SAID COUNTY.
- 4.) SUBJECT PROPERTY IS FOUND TO BE IN COASTAL BARRIER RESOURCE SYSTEM AREA, FLOOD HAZARD ZONES "X" (SHADED) & "AE" (EL 9) AS PER F.I.R. MAP FOR CAMDEN COUNTY, GEORGIA, DATED: DECEMBER 21, 2017, MAP No. 13039C0430G, COMMUNITY No. 130262, PANEL No. 0430, SUFFIX "G".
- 5.) SUBJECT PROPERTY IS FOUND TO BE IN COASTAL BARRIER RESOURCE SYSTEM AREA, FLOOD HAZARD ZONES "X" (SHADED) & "AE" (EL 9) AS PER F.I.R. MAP FOR CAMDEN COUNTY, GEORGIA, DATED: DECEMBER 21, 2017, MAP No. 13039C0430G, COMMUNITY No. 130262, PANEL No. 0430, SUFFIX "G".
- 6.) THE CONTOURS SHOWN HEREON ARE BASED ON LIDAR TOPOGRAPHICAL SURVEY PROVIDED BY NATIONAL PARK SERVICE. THIS FIRM BEARS NO RESPONSIBILITY TO THE ACCURACY OF SAID CONTOURS.
- 7.) THE CMPA JURISDICTION LINE SHOWN HEREON WAS DETERMINED BY ELEVATION 4.89' (NAVD 1988) AND MARKED WITH PVC STAKES AT THE ANGLE POINTS IN SAID LINE.

MAP TO SHOW SURVEY OF
**MEAN HIGH WATER LINE IN THE PLUM
 ORCHARD AREA OF CUMBERLAND ISLAND**
 29th G.M. DISTRICT, CAMDEN COUNTY, GEORGIA



FOR: NATIONAL PARK SERVICE



LINE #	DIRECTION	LENGTH
L1	N08°45'57"E	42.52'
L2	N20°04'31"E	37.25'
L3	N11°41'10"W	40.23'
L4	N05°55'41"E	38.61'
L5	N09°33'25"E	33.68'
L6	N42°58'05"W	10.83'

LINE #	DIRECTION	LENGTH
L7	N11°36'47"E	68.97'
L8	N89°59'25"E	17.60'
L9	N40°20'34"E	35.10'
L10	N69°34'25"E	22.17'
L11	N11°14'22"E	55.34'
L12	N18°37'54"E	31.58'

LINE #	DIRECTION	LENGTH
L13	N47°06'48"E	42.55'
L14	N28°40'27"E	30.13'
L15	N67°46'33"E	47.64'
L16	N40°55'54"E	27.76'
L17	N24°47'46"E	28.56'
L18	N39°31'44"E	32.20'

LINE #	DIRECTION	LENGTH
L19	N03°42'31"E	31.29'
L20	N23°38'55"E	44.30'
L21	N13°12'21"E	30.34'
L22	N23°50'16"E	24.79'
L23	N23°42'19"W	25.69'

EQUIPMENT USED: ANGULAR: TOPCON ES
 LINEAR: TOPCON ES

SCALE: 1" = 30'

DWN. BY: M.C. CKD. BY: J.S.F.
 FIELD BOOK L-118, PAGE 16
 SURVEY DATE: 06-06-2024

DWG. # T-2-2600-06-24

P.O. BOX 5730
 ST. MARYS, GEORGIA 31558
 (912) 729-1507 PHONE
 (912) 729-1509 FAX

GEORGIA LICENSED
 SURVEY FIRM No. 1067
 EMAIL: AKM_SURVEYING@GDS.NET

PREPARED BY:

A K M
 SURVEYING, INC.
 SURVEYORS & LAND PLANNERS

CERTIFICATION: The property hereon lies completely within a jurisdiction which does not review or approve any plats or this type of plat prior to recording. RECORDATION OF THIS PLAT DOES NOT IMPLY APPROVAL OF ANY LOCAL JURISDICTION, AVAILABILITY OF PERMITS, COMPLIANCE WITHOUT LOCAL REGULATIONS OR REQUIREMENTS, OR SUITABILITY FOR ANY USE OR PURPOSE OF THE LAND. Furthermore, the undersigned land surveyor certifies that this plat complies with the minimum technical standards for property surveys in Georgia as set forth in the rules and regulations of the Georgia Board of Registration for Professional Engineers and Surveyors as set forth in O.C.G.A. Section 15-6-67.

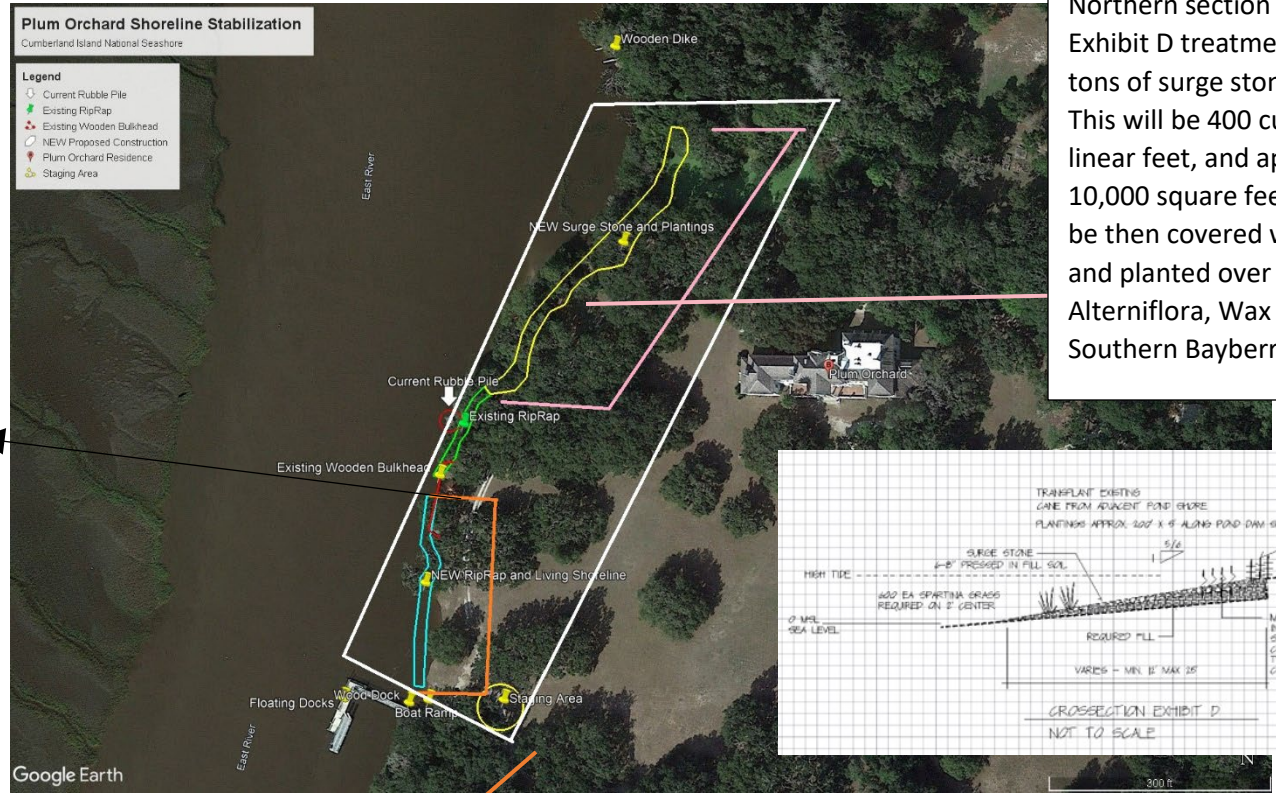
BY: *Jeffrey S. Foster*
 JEFFREY S. FOSTER
 GA. REGISTERED SURVEYOR No. 3143

DATE: 06/13/2024

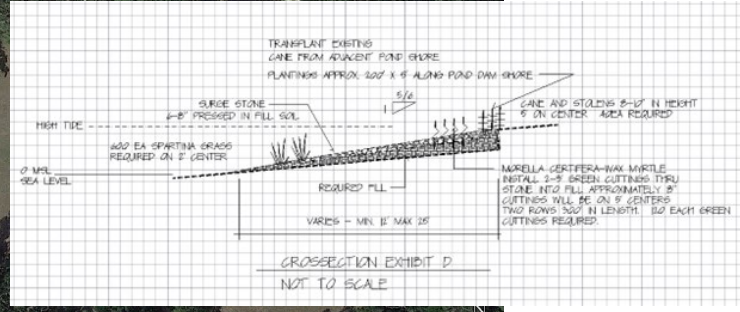
Total shoreline stabilized will be 650 feet. Maximum depth of work will be 25 feet.

460 cubic yards of fill will be used on the entirety of the 650 feet of shoreline. Using the Exhibit D treatment with a maximum fill depth of 25', this will be approximately 14,271 feet and 650 linear feet

The green section will not receive any treatment as there is existing riprap and a sea wall. This divides the two treatments.

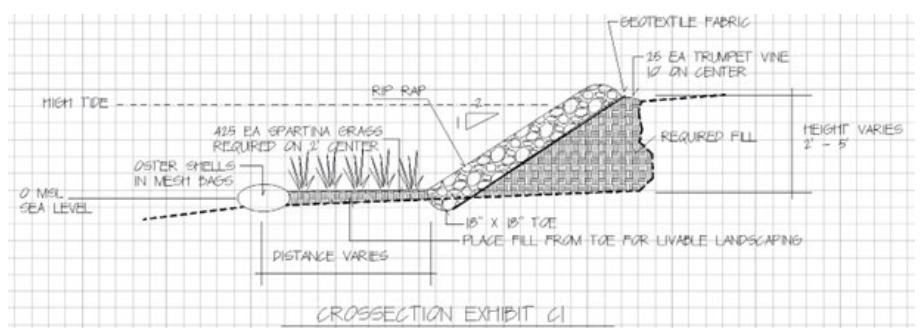
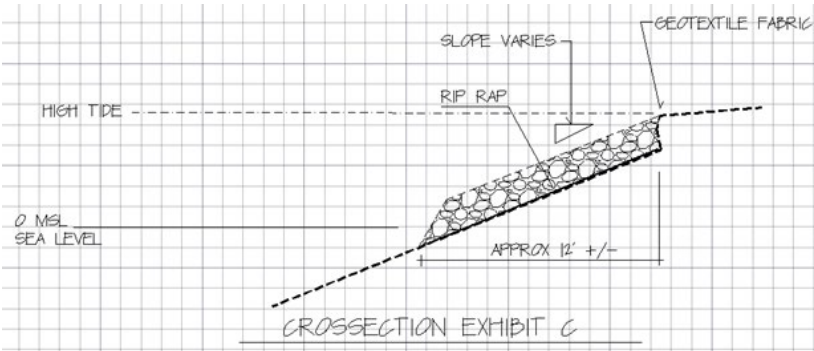


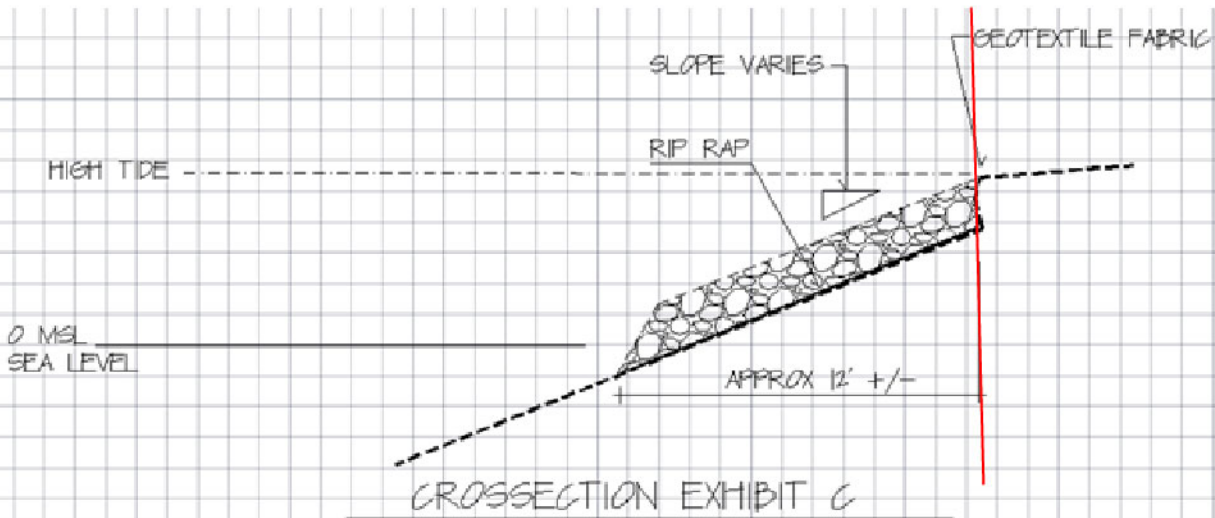
Northern section will receive Exhibit D treatment. Will use 500 tons of surge stone, 3"-8" in size. This will be 400 cubic yards, 425 linear feet, and approximately 10,000 square feet. This will then be then covered with 8" of soil and planted over with Spartina Alterniflora, Wax Mrytle, and Southern Bayberry.



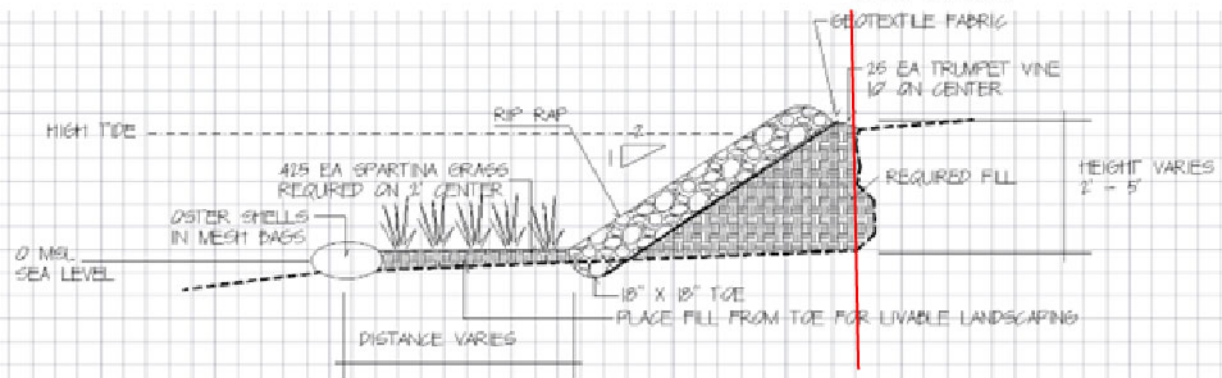
Southern section will receive treatments Exhibit C and Exhibit CI. Approximately 300 tons of riprap will be used the Exhibit C treatment. The length of impact is 214.29 cubic yards, 3716 square feet, and 225 linear feet. There will be approximately 5400 square feet of geotextile fabric placed below the riprap.

Exhibit CI Contractor shall supply oyster shells in mesh bags approximately 3' x 3' x 8" h along the edge of the shore (185' of shoreline). Contractor shall plant 425 each Spartina Alterniflora Smooth Cordgrass on 4' center in this area. Trumpet Creeper (25 ea). The length of impact for the placement of the mesh bags is 54.68 cubic yard, 555 square feet, and 185 linear feet.



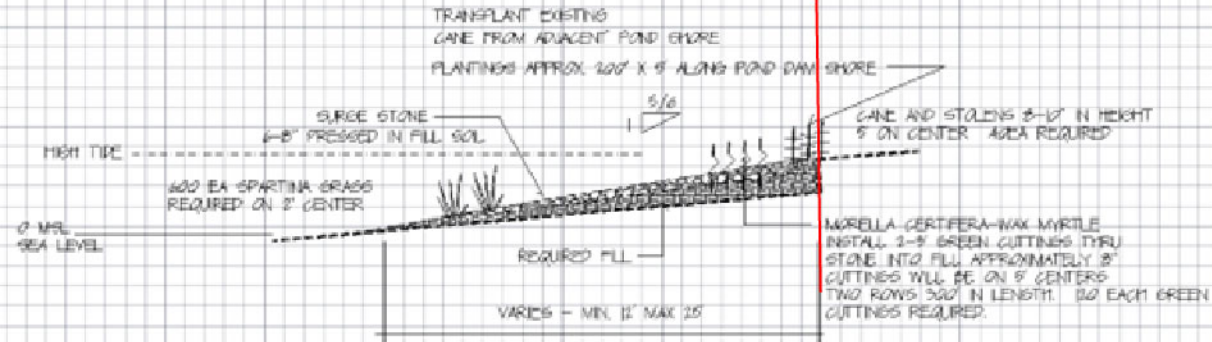


CMP JD line



CROSSSECTION EXHIBIT C1

CMP JD Line



CROSSSECTION EXHIBIT D

NOT TO SCALE