

BAYSHORE DESIGN, LLC

LANCASTER CREEK

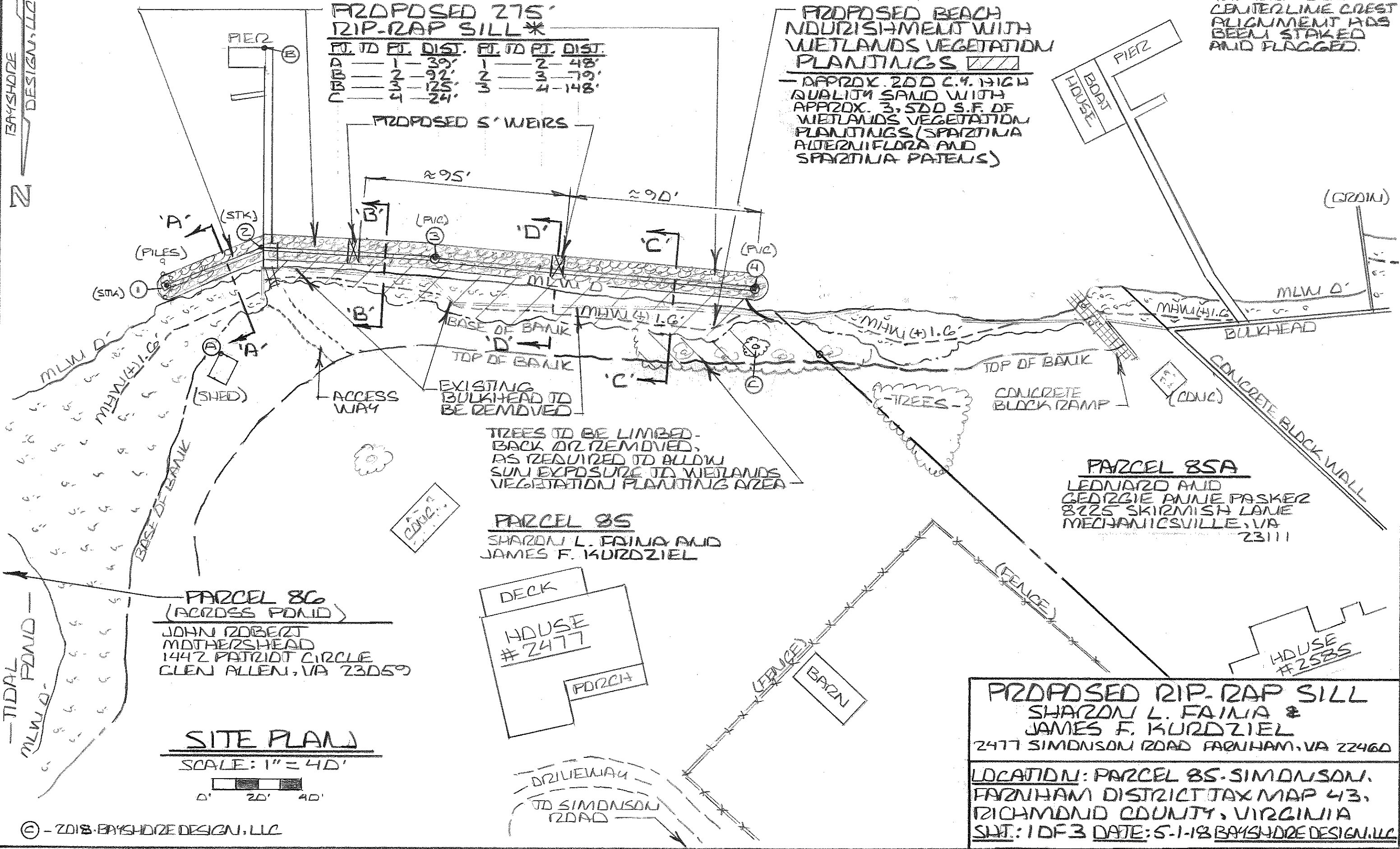
**NOTE #:**  
 RIP-RAP SILL CENTERLINE CREST ALIGNMENT HAS BEEN STAKED AND FLAGGED.

**PROPOSED 275' RIP-RAP SILL\***

| PT. TO PT. | DIST. | PT. TO PT. | DIST. |
|------------|-------|------------|-------|
| 1-2        | 39'   | 1-2        | 48'   |
| 2-3        | 92'   | 2-3        | 79'   |
| 3-4        | 125'  | 3-4        | 148'  |
| 4-5        | 24'   |            |       |

**PROPOSED BEACH NOURISHMENT WITH WETLANDS VEGETATION PLANTINGS**

APPROX. 200 C.Y. HIGH QUALITY SAND WITH APPROX. 3,500 S.F. OF WETLANDS VEGETATION PLANTINGS (SPARTINA ALTERNIFLORA AND SPARTINA PATENS)

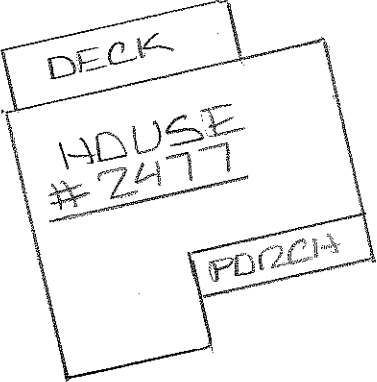


TREES TO BE LIMBED-BACK OR REMOVED, AS REQUIRED TO ALLOW SUN EXPOSURE TO WETLANDS VEGETATION PLANTING AREA

**PARCEL 85**  
 SHARON L. FAINA AND JAMES F. KURDZIEL

**PARCEL 85A**  
 LEDNARDO AND GERZGIE ANNE PARKER  
 8225 SKIRMISH LANE  
 MECHANICSVILLE, VA 23111

**PARCEL 86**  
 (ACROSS POND)  
 JOHN ROBERT MOTHERSHEAD  
 1442 PATRIOT CIRCLE  
 GLEN ALLEN, VA 23059



**PROPOSED RIP-RAP SILL**  
 SHARON L. FAINA & JAMES F. KURDZIEL  
 2477 SIMONSON ROAD FARNHAM, VA 22460

**LOCATION:** PARCEL 85, SIMONSON, FARNHAM DISTRICT TAX MAP 43, RICHMOND COUNTY, VIRGINIA  
**SHT.:** 1 OF 3 **DATE:** 5-1-18 BAYSHORE DESIGN, LLC

**SITE PLAN**  
 SCALE: 1" = 40'

### SECTION 'A'-'A'

SCALE: 3/16" = 1'

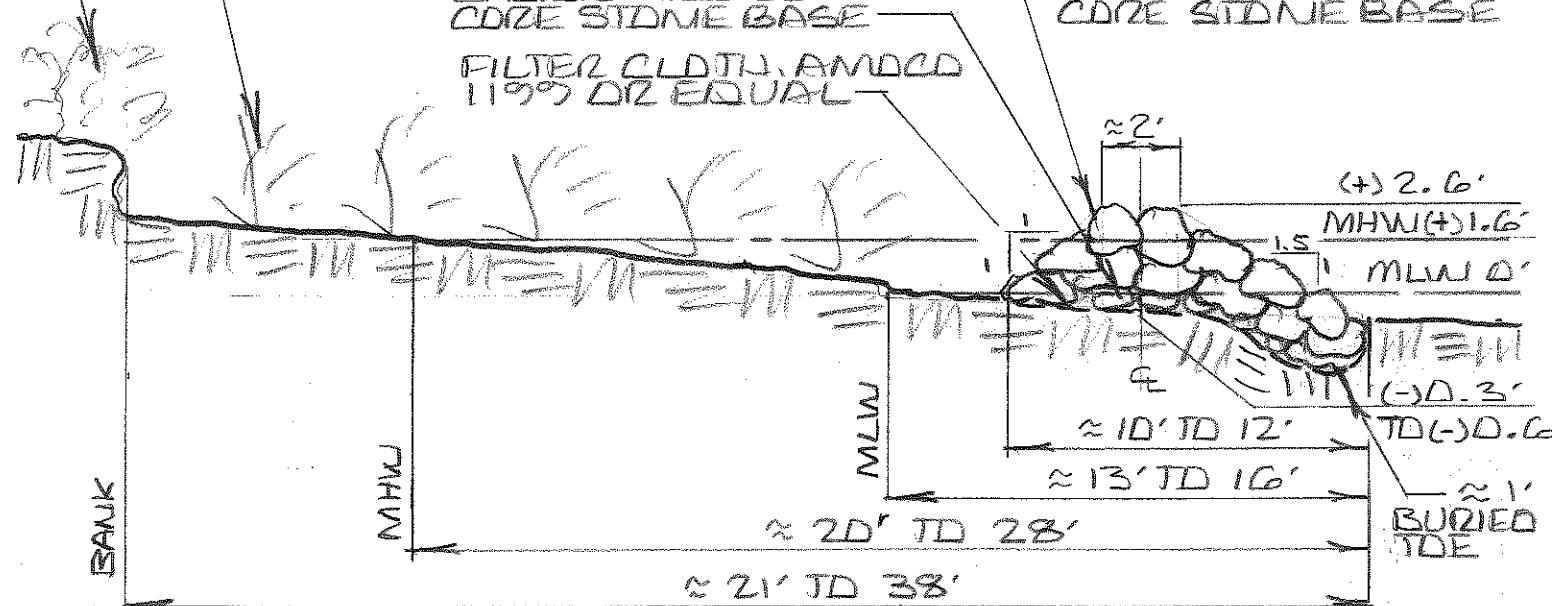
EXISTING GRADE WITH VEGETATED COVER TO REMAIN

EXISTING WETLANDS VEGETATION TO REMAIN

GRAVEL AND CLASS A1 CORE STONE BASE  
FILTER CLOTH, AMCCD 1199 OR EQUAL

#### PROPOSED RIP-RAP SILL

- APPROX. 1.25 TO 1.5 TONS PER FOOT (TOTAL) CLASS A1 STONE OVER CORE STONE BASE



### SECTION 'B'-'B'

SCALE: 3/16" = 1'

EXISTING BANK WITH VEGETATED COVER TO REMAIN

#### PROPOSED WETLANDS VEG. PLANTINGS

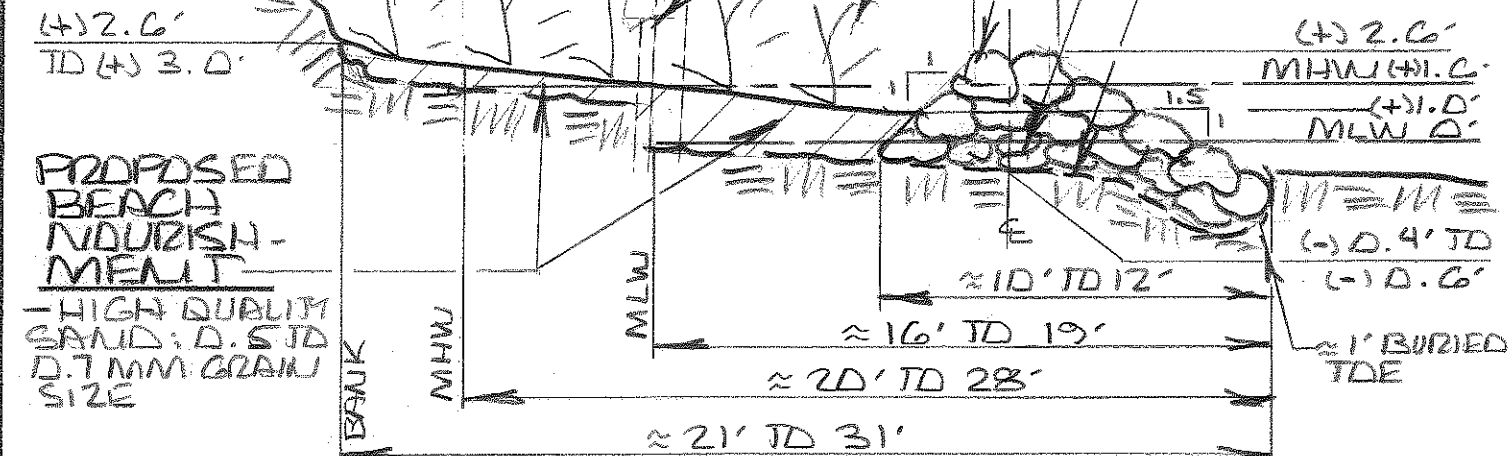
- SPARTINA ALTERNIFLORA AND SPARTINA PATENS  
- SEE WETLANDS VEG. PLANTING NOTES ON SHEET 3

EXISTING BULKHEAD TO BE REMOVED

#### PROPOSED RIP-RAP SILL

- APPROX. 1.25 TO 1.5 TONS PER FOOT (TOTAL) CLASS A1 STONE OVER CORE STONE BASE

GRAVEL AND CLASS A1 CORE STONE BASE  
FILTER CLOTH, TYP.



### SECTION 'C'-'C'

SCALE: 3/16" = 1'

EXISTING BANK

OVERHANGING TREES TO BE LIMBED BACK OR REMOVED, AS REQ'D, TO ALLOW SUN EXPOSURE TO SHORELINE

#### PROPOSED WETLANDS VEGETATION PLANTINGS

- SPARTINA ALTERNIFLORA AND SPARTINA PATENS  
- SEE PLANTING NOTES ON SHEET 3

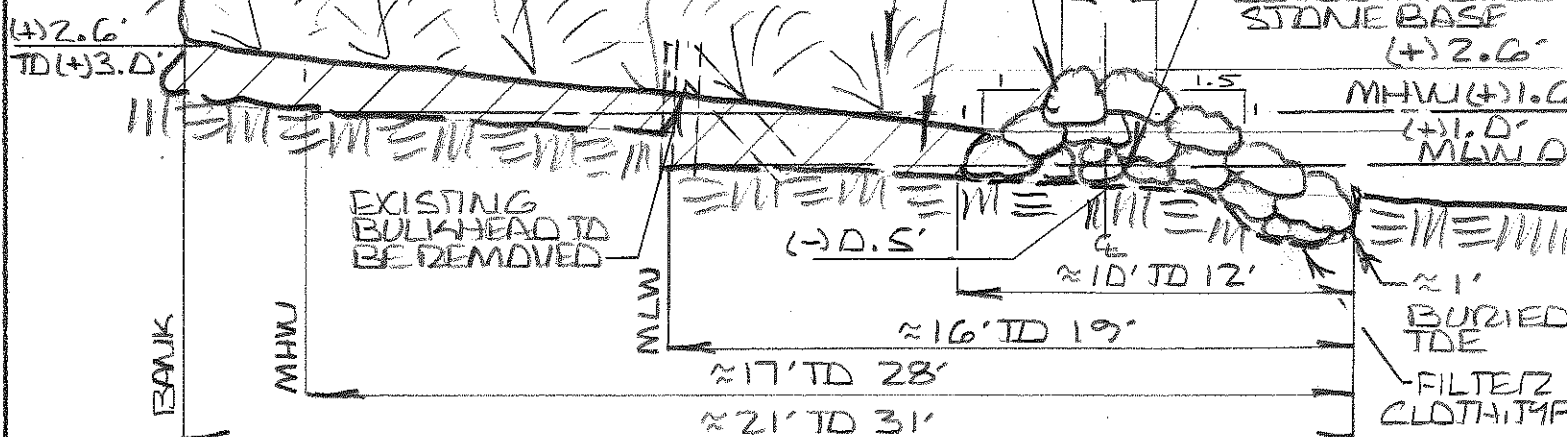
#### PROPOSED BEACH NOURISHMENT

- HIGH QUALITY SAND, D.5 TO D.7 MM GRAIN SIZE

#### PROPOSED RIP-RAP SILL

- APPROX. 1.25 TO 1.5 TONS PER FOOT (TOTAL) CLASS A1 STONE OVER CORE STONE BASE

GRAVEL AND CLASS A1 CORE STONE BASE



### SECTION 'D'-'D'

SCALE: 3/16" = 1'

EXISTING BANK

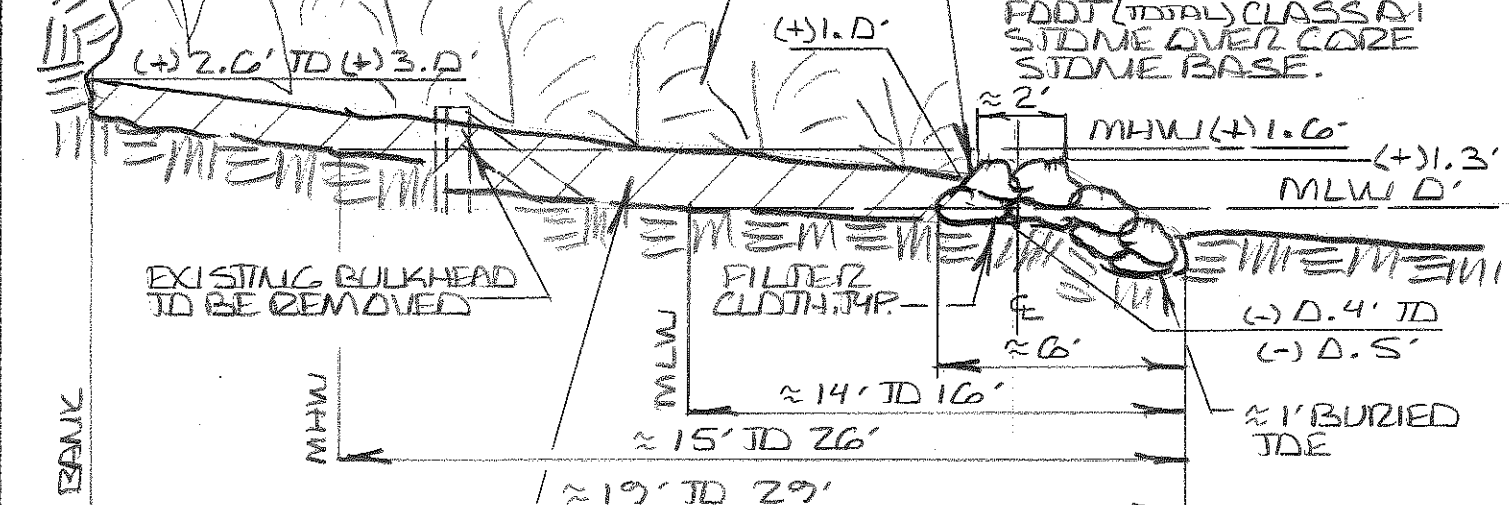
#### PROPOSED WETLANDS VEG. PLANTINGS, TYP.

(+) 2.6' TO (+) 3.0'

EXISTING BULKHEAD TO BE REMOVED

#### PROPOSED RIP-RAP SILL (WEIR)

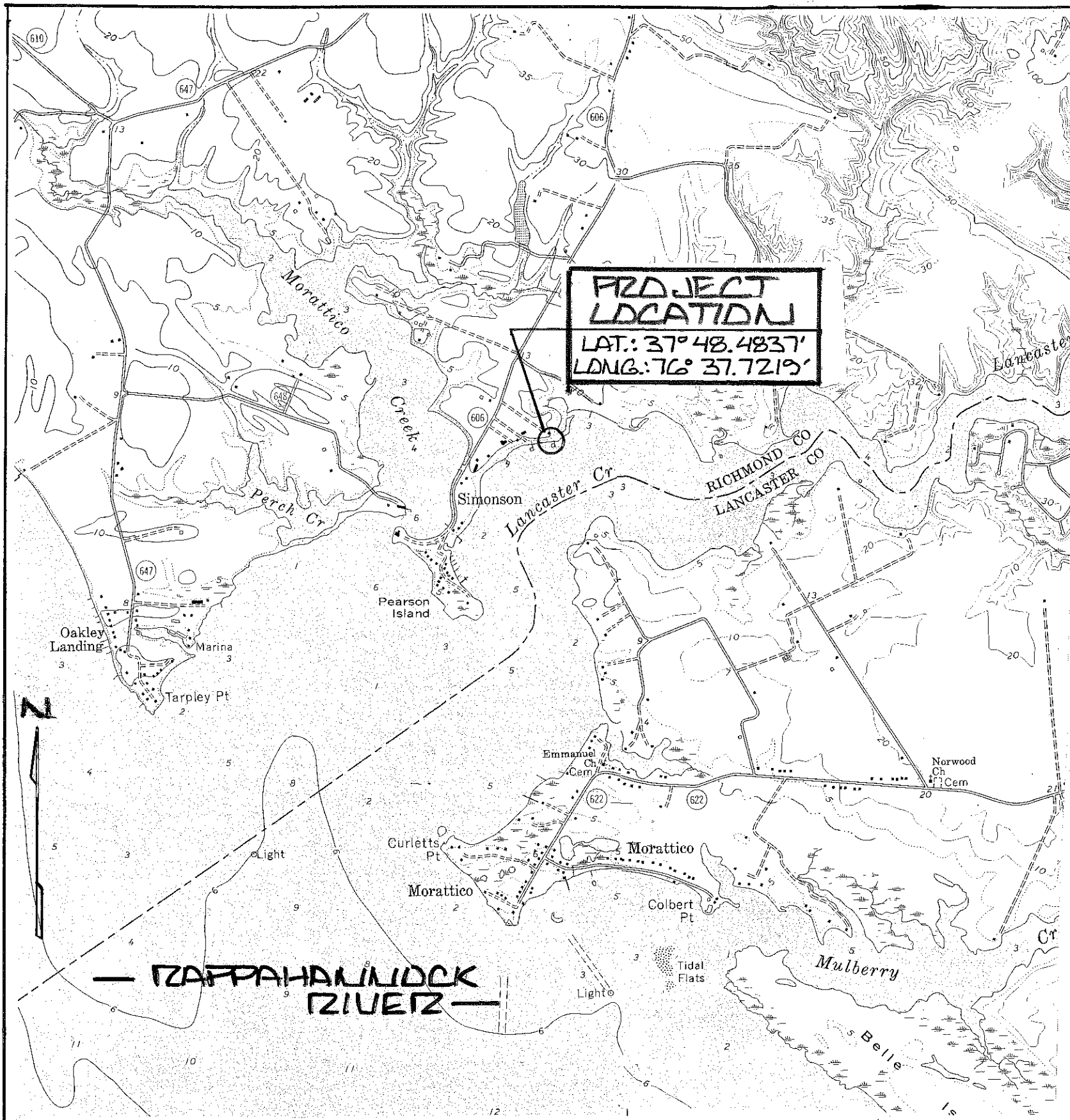
- APPROX. 0.75 TONS PER FOOT (TOTAL) CLASS A1 STONE OVER CORE STONE BASE



#### PROPOSED BEACH NOURISHMENT, TYP.

#### PROPOSED RIP-RAP SILL

PAINA-KURDZIEL — SIMONSON LANCASTER CREEK — RICHMOND CO. SH. 2 OF 3 DATE: 5-1-18 BAYSHORE DESIGN, LLC



**PROJECT LOCATION**  
 LAT.: 37° 48.4837'  
 LONG.: 76° 37.7219'

**WETLANDS VEGETATION PLANTING NOTES**

1. SPARTINA ALTERNIFLORA (CORDGRASS)  
 TO BE PLANTED 12" TO 18" APART. START PLANTING AT RIP-RAP SILL AND PLANT UP TO THE MEAN HIGH WATER (MHW) MARK.
2. SPARTINA PATENS (SALT MEADOW CORDGRASS)  
 TO BE PLANTED 12" TO 18" APART. START PLANTING AT THE MEAN HIGH WATER (MHW) MARK AND PLANT THE ENTIRE DISTANCE BETWEEN MHW AND BASE OF BANK (UPPER LIMITS OF BEACH NOURISHMENT).
3. WETLANDS VEGETATION  
 SHOULD BE PLANTED FROM LATE FEBRUARY TO EARLY JUNE OR PER INSTRUCTION FROM WETLANDS VEGETATION CONTRACTOR OR SUPPLIER.
4. FERTILIZING  
 TO BE COMPLETED AT THE TIME OF PLANTING. USE APPROX. 1/2 OUNCE PER PLANT OF SLOW RELEASE OSOMACITE FERTILIZER (TO BE PLACED IN THE HOLE WITH PLANT) OR PER INSTRUCTION FROM WETLANDS VEGETATION CONTRACTOR OR SUPPLIER.
5. ANY DEBRIS AND TRASH  
 THAT MAY ACCUMULATE IN PLANTING AREAS SHOULD BE PERIODICALLY REMOVED AND DISPOSED OF PROPERLY.
6. ADDITIONAL WETLANDS VEGETATION  
 TO BE PLANTED TO REPLACE ANY PLANTS THAT DO NOT SURVIVE AND REVEGETATE.
7. ANY APPEARANCE OF PHragmites AUSTRALIS (REED GRASS) WITHIN WETLANDS VEGETATION PLANTING AREA TO BE ERADICATED PER INSTRUCTION FROM WETLANDS PROFESSIONAL.

VICINITY MAP  
 SCALE: 1" = 2,000'

MORATTICO AND LIVELY, VA  
 QUADRANGLE  
 7.5 MINUTE SERIES (TOPOGRAPHIC)

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PROPOSED RIP-RAP SILL  
 DAINA-KURDZIEL — SIMONSON  
 LANCASTER CREEK — RICHMOND CO.  
 SHEET: 3 OF 3 DATE: 5-1-18 BAYSHORE DESIGN, LLC