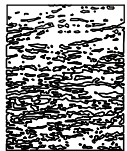


FL. STATE PLANE COORDINATES (ft, NAD'83)

NORTH END OF BEACH FILL: N532,317 E2,204,514
 SOUTH END OF BEACH FILL: N535,985 E2,152,120

Sections: 9, 16, 21, 28, 33, 37, 38; Township: 2S; Range: 29E
 Sections: 3, 4, 10; Township: 3S; Range: 29E

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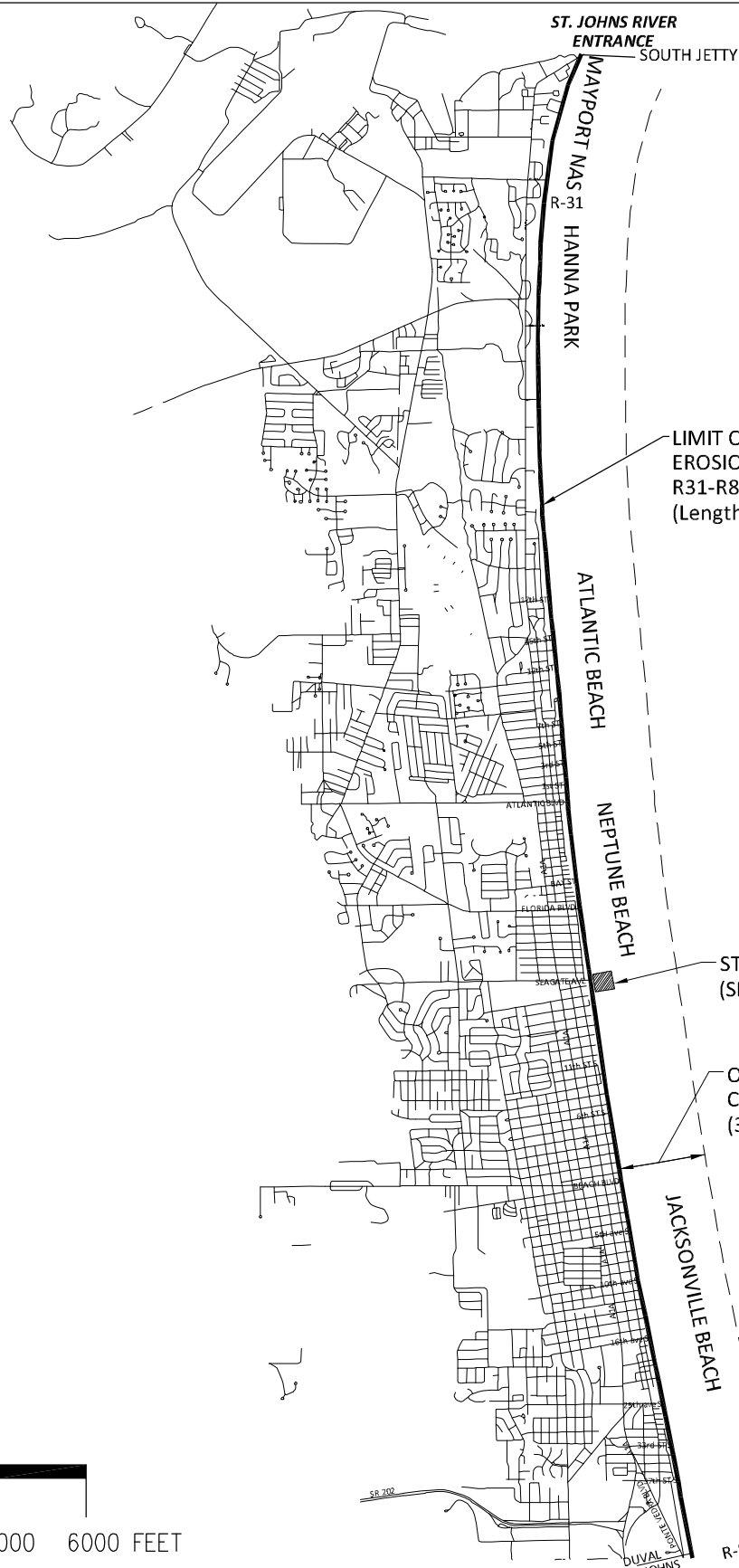


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LOCATION MAP

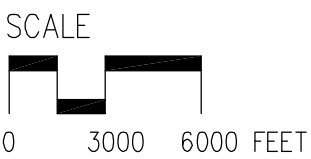
Date	Revision	05/12/15
		DRAWN BY: SH
		SHEET 1 of 29



LIMIT OF DUVAL COUNTY
EROSION CONTROL PROJECT:
R31-R80 and Mayport N.A.S.
(Length is Approx. 10 mi.)

STAGING AREA EXCLUSION
(SEE SHEET 9)

OCEAN STAGING/
CONSTRUCTION AREA
(3000'± OFFSHORE)



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SHORELINE MAP
2011 BEACH FILL LIMITS

Date	Revision
05/12/15	
DRAWN BY: SH	
SHEET 2 of 29	

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NORTHERN PROJECT LIMIT

MAYPORT 6

MAYPORT 7

MAYPORT 8

MAYPORT 9

R-31

MAYPORT NAVAL AIR STATION

EROSION CONTROL LINE

MAYPORT 1

MAYPORT 2

MAYPORT 3

MAYPORT 4

MAYPORT 5

MAYPORT 6

EXISTING MHWL
(May 2014)

Fill placement north of R-31
TBD based on conditions.
(As of May 2014, no fill shown north of
Mayport 5.)

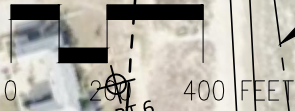
SEAWARD EDGE
OF BERM

LANDWARD EDGE
OF BERM (Approx)

TOE OF FILL
(Approx)

POST-CONSTRUCTION
MHWL(Approx)

SCALE

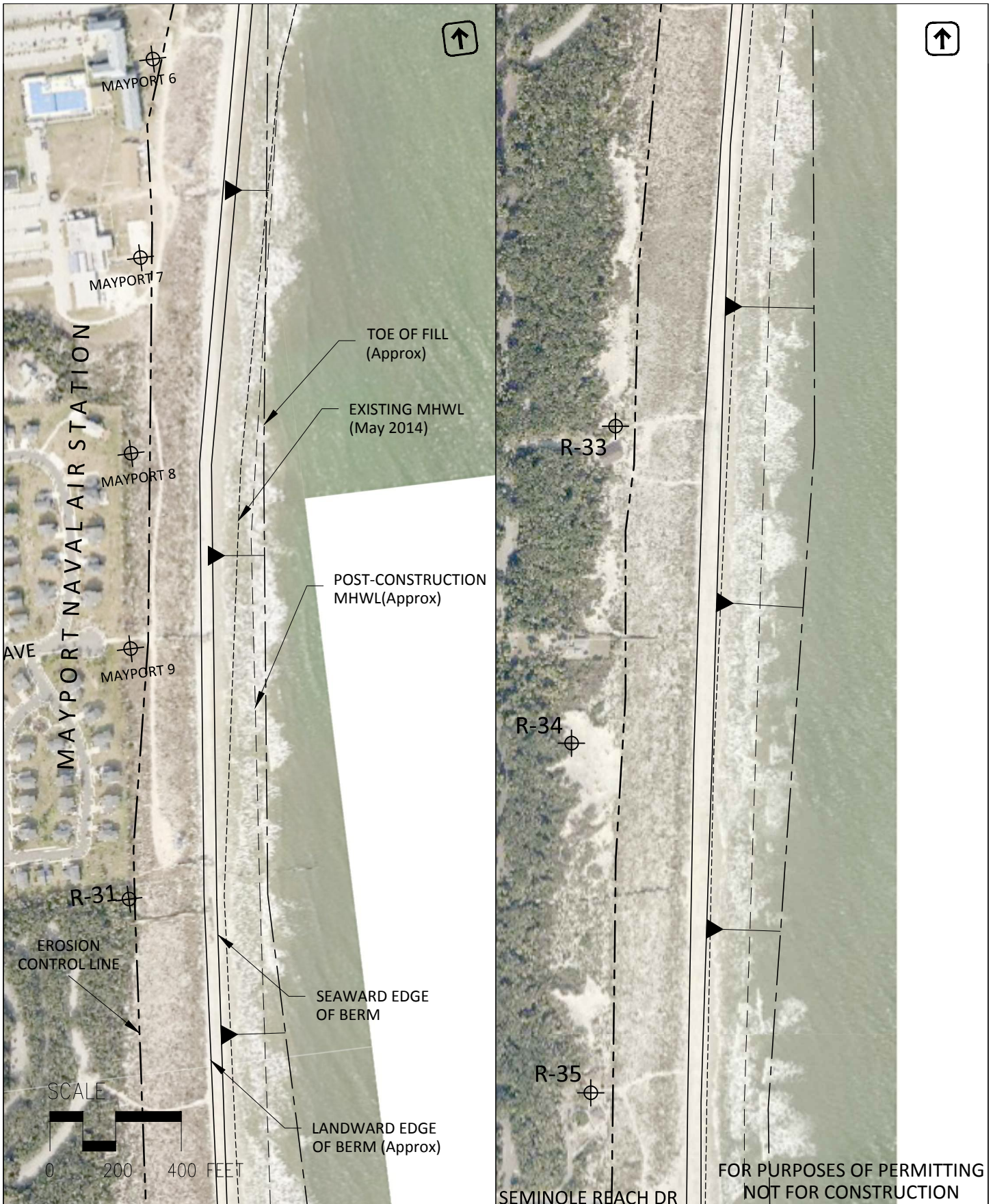


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PLAN VIEW-1

Date	Revision
05/12/15	
DRAWN BY:	
SH	
SHEET	
3 of 29	



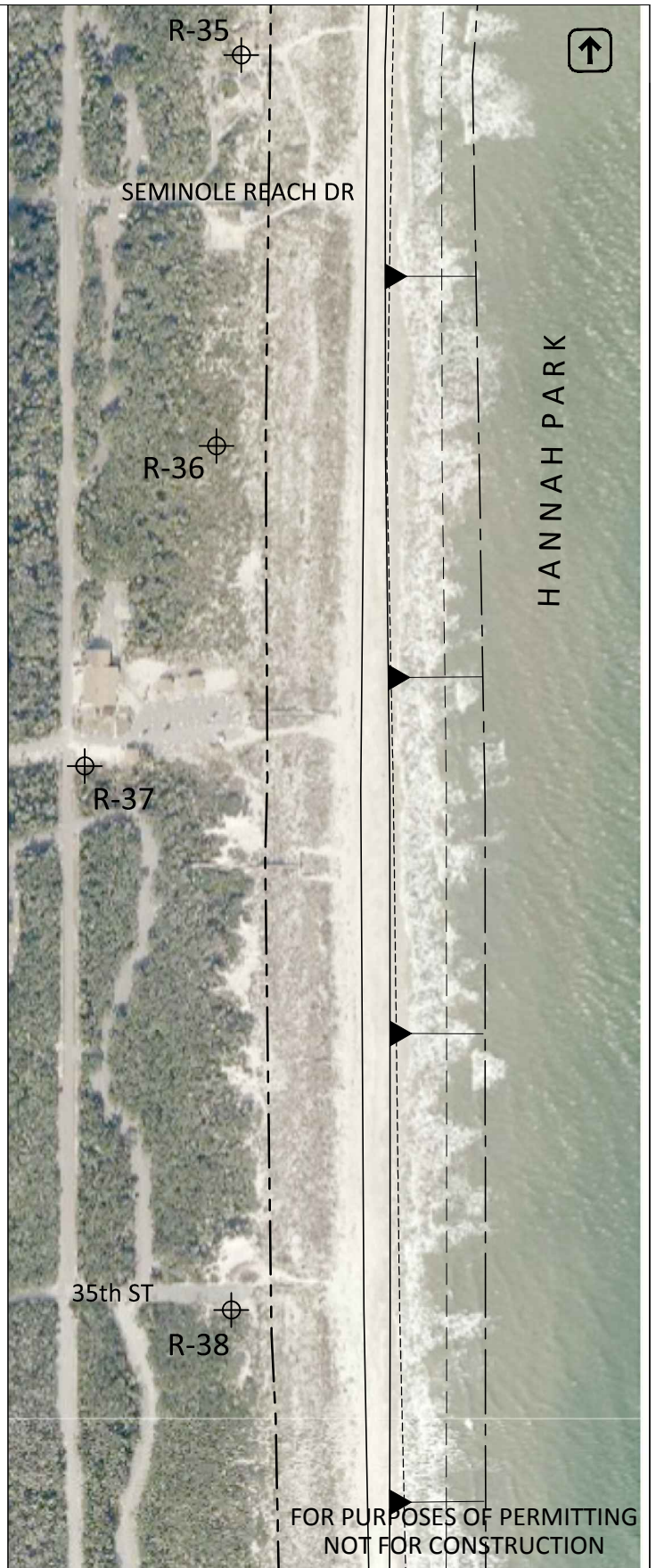
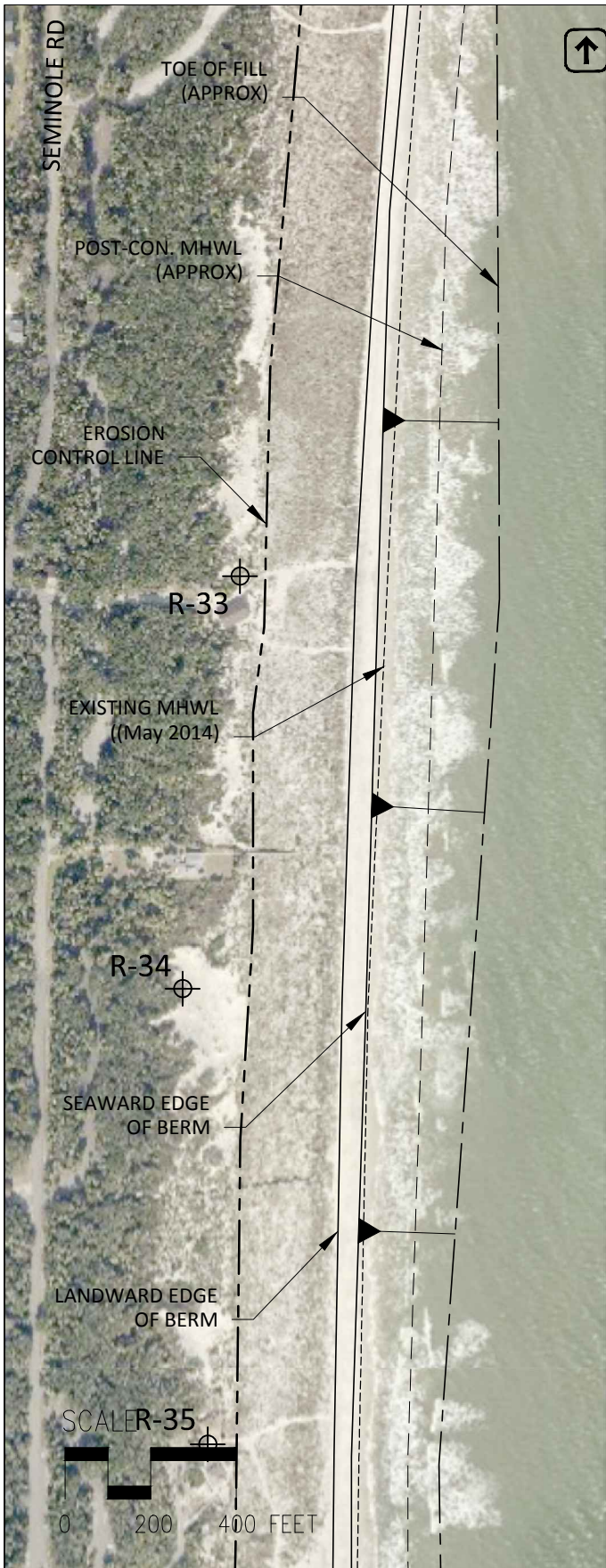
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PLAN VIEW-2

Date	Revision
05/12/15	
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SHEET	
4 of 29	

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PLAN VIEW-3

Date	Revision
05/12/15	
DRAWN BY: SH	
SHEET 5 of 29	



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SHORE PROTECTION PROJECT

PLAN VIEW-4

Date	Revision
	05/12/15
	DRAWN BY: SH
	SHEET 6 of 29



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 SHORE PROTECTION PROJECT

PLAN VIEW-5

Date	Revision
05/12/15	
DRAWN BY: SH	
SHEET 7 of 29	



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PLAN VIEW-6

Date	Revision
05/12/15	
DRAWN BY: SH	
SHEET 8 of 29	

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PLAN VIEW-7

Date	Revision

05/12/15
 DRAWN BY:
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 SHEET
 9 of 29

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PLAN VIEW-8

Date	Revision
05/12/15	
DRAWN BY:	
SH	
SHEET	
10 of 29	



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 SHORE PROTECTION PROJECT

PLAN VIEW-9

Date	Revision
05/12/15	
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SHEET 11 of 29	



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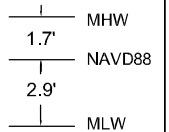
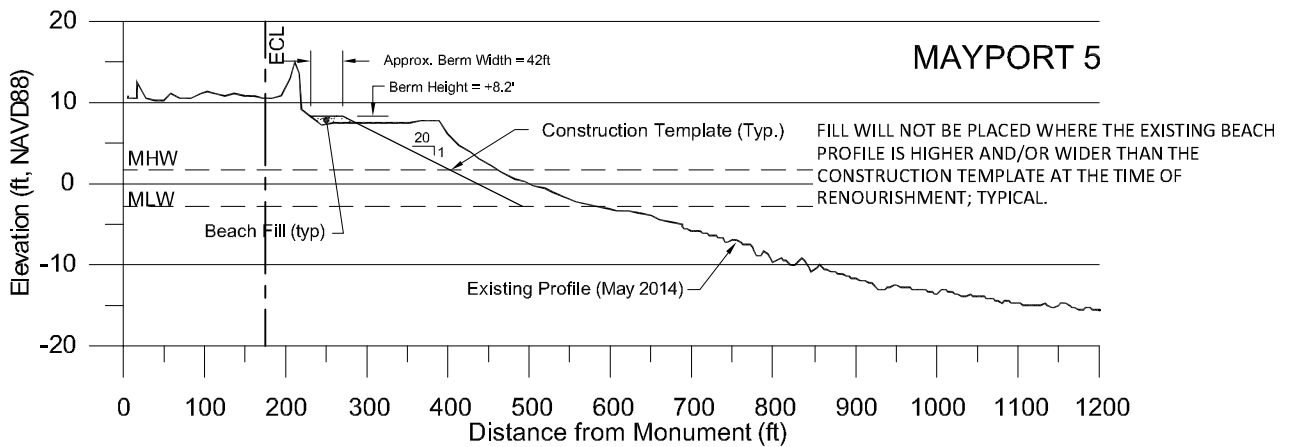
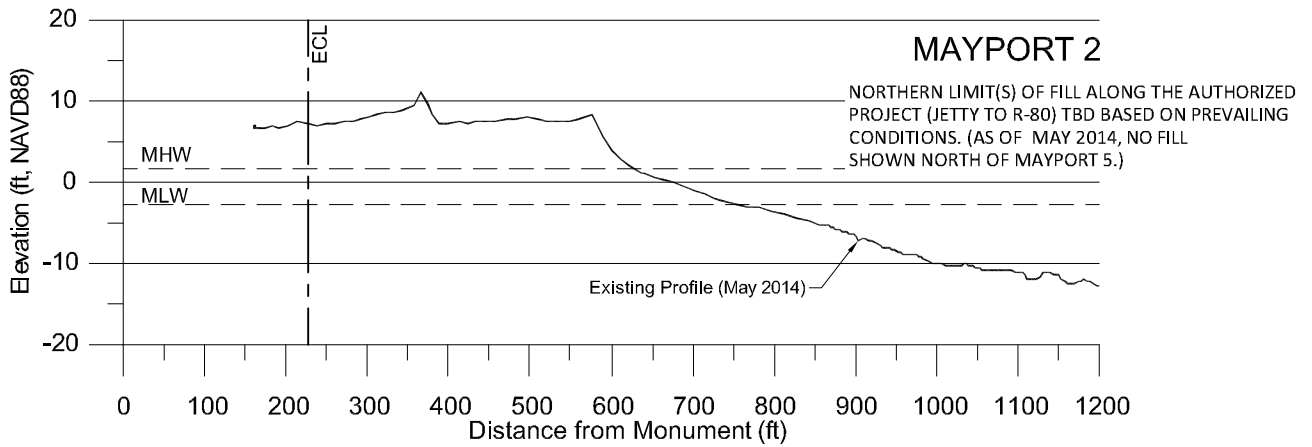
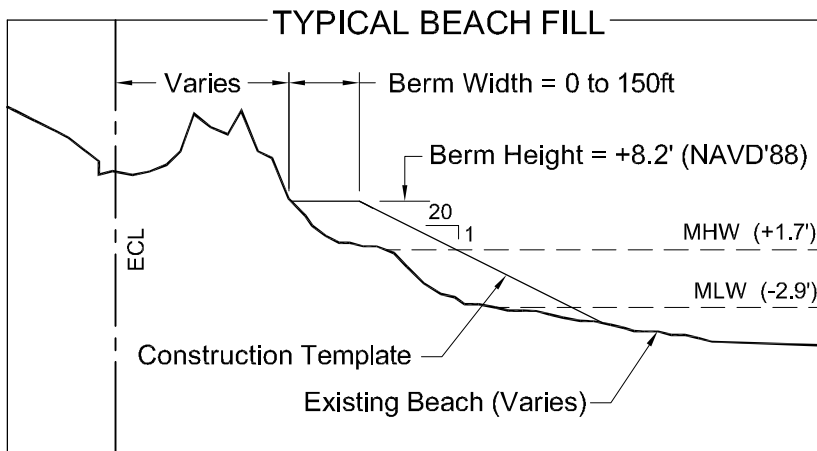


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PLAN VIEW-10

Date	Revision
05/12/15	
DRAWN BY: SH	
SHEET 12 of 29	



NOTE: BERM WIDTHS WILL VARY BASED UPON PREVAILING CONDITIONS

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Datums from NOAA Station 8720218
Mayport (Bar Pilots Dock)

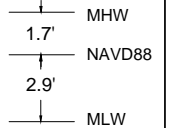
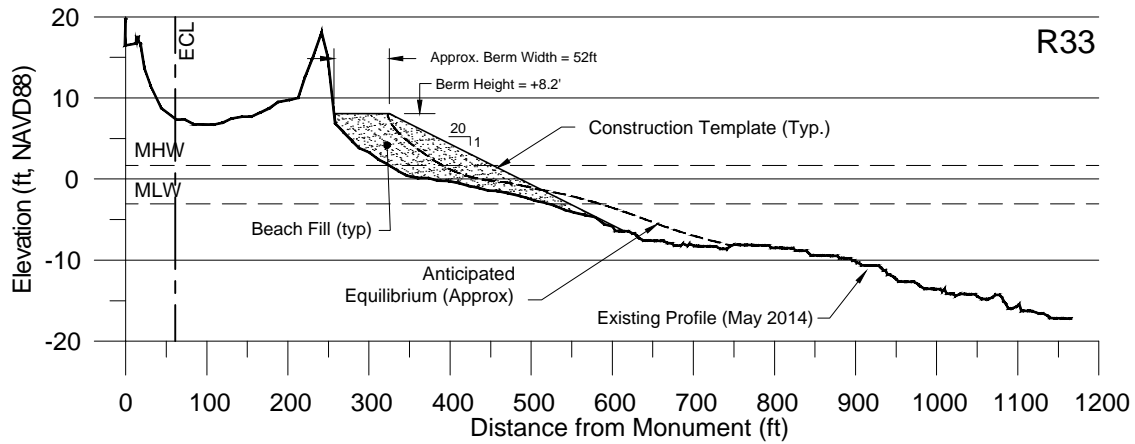
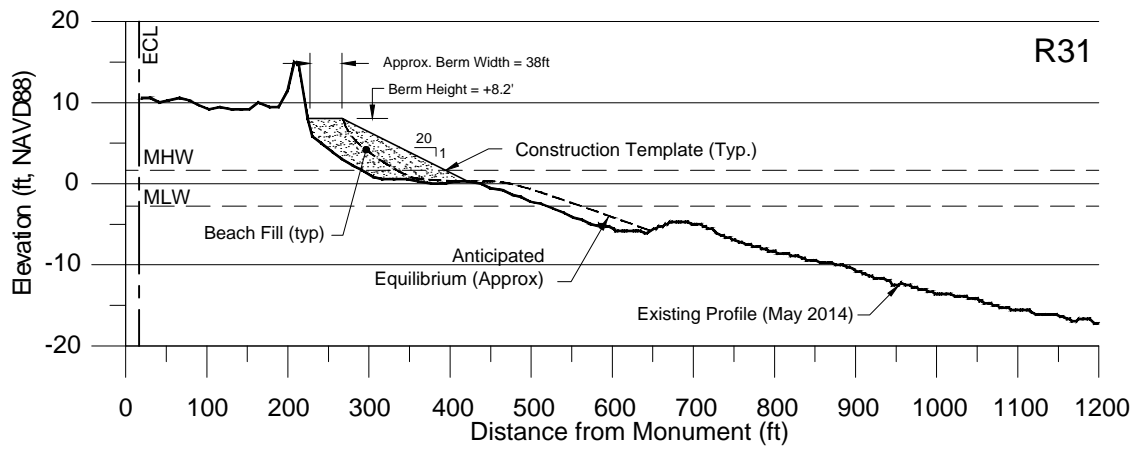
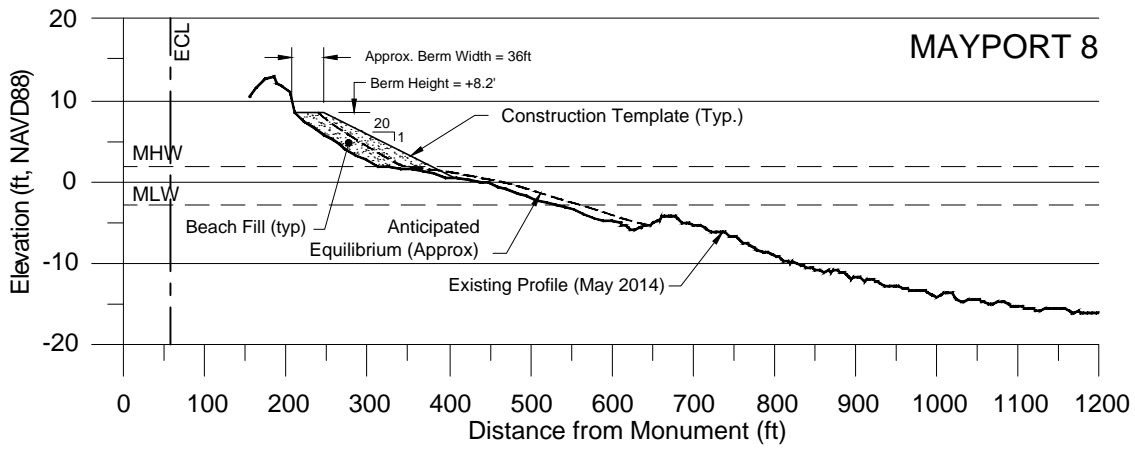


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PROFILES (1 of 11)

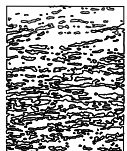
Date	Revision
05/12/15	
DRAWN BY: SH	
SHEET 13 of 29	



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Datums from NOAA Station 8720218
Mayport (Bar Pilots Dock)

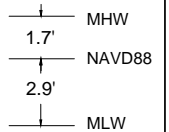
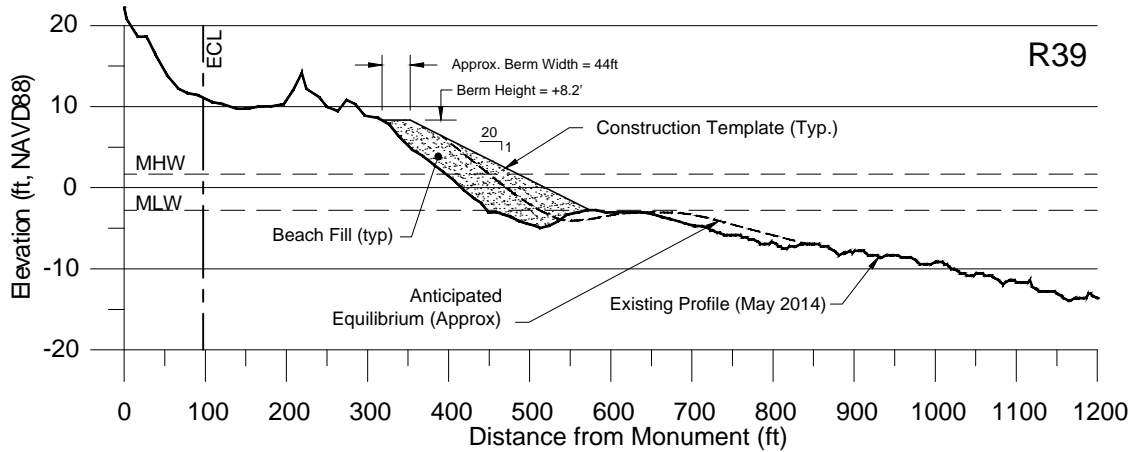
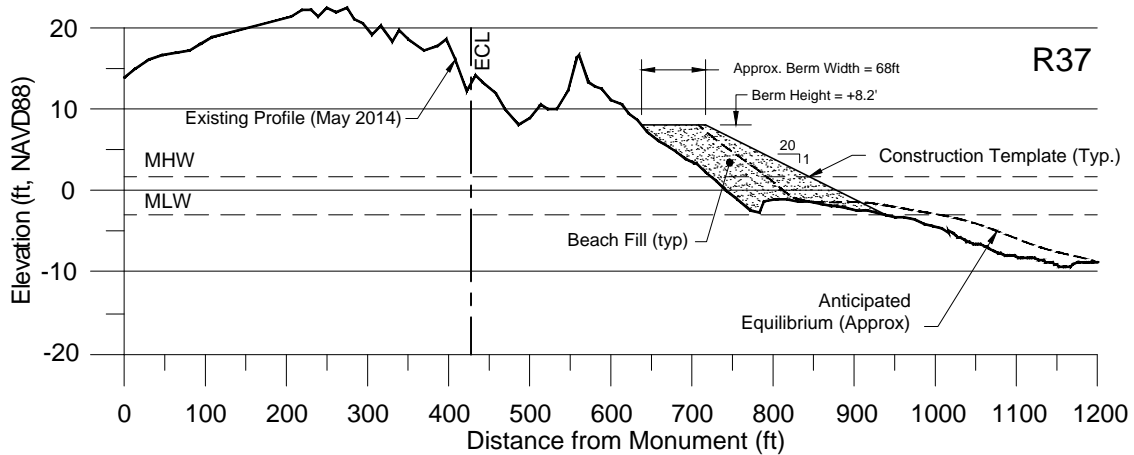
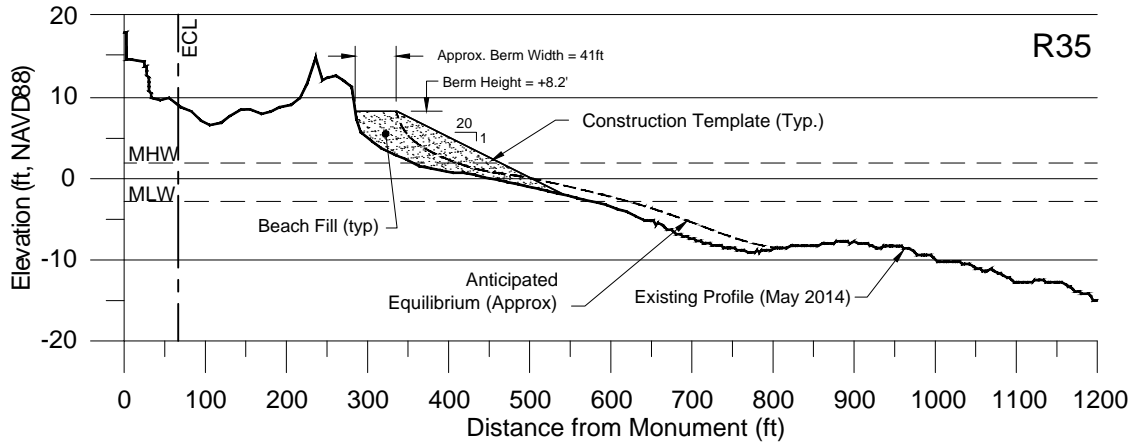


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SHORE PROTECTION PROJECT

PROFILES (2 of 11)

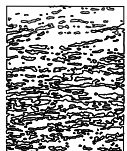
Date	Revision
05/12/15	
DRAWN BY: SH	
SHEET 14 of 29	



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Datums from NOAA Station 8720218
Mayport (Bar Pilots Dock)

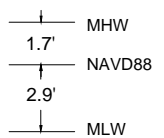
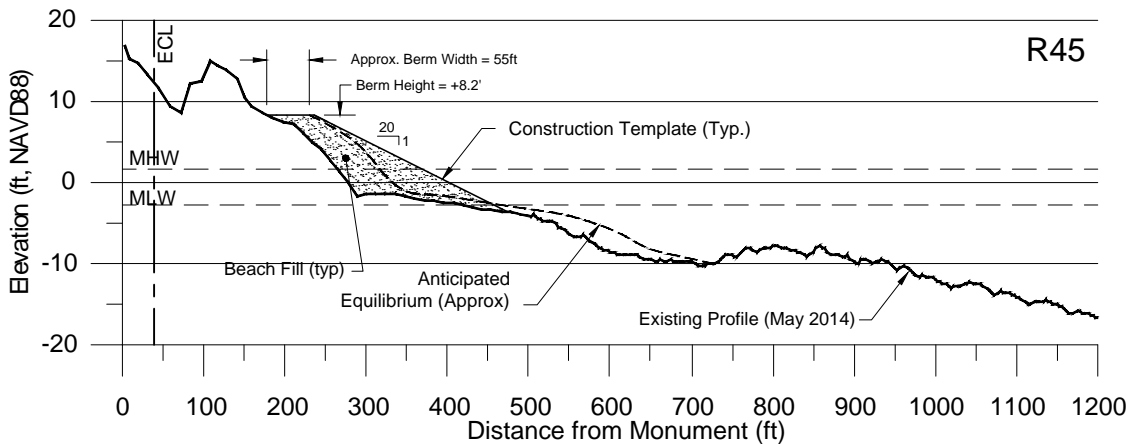
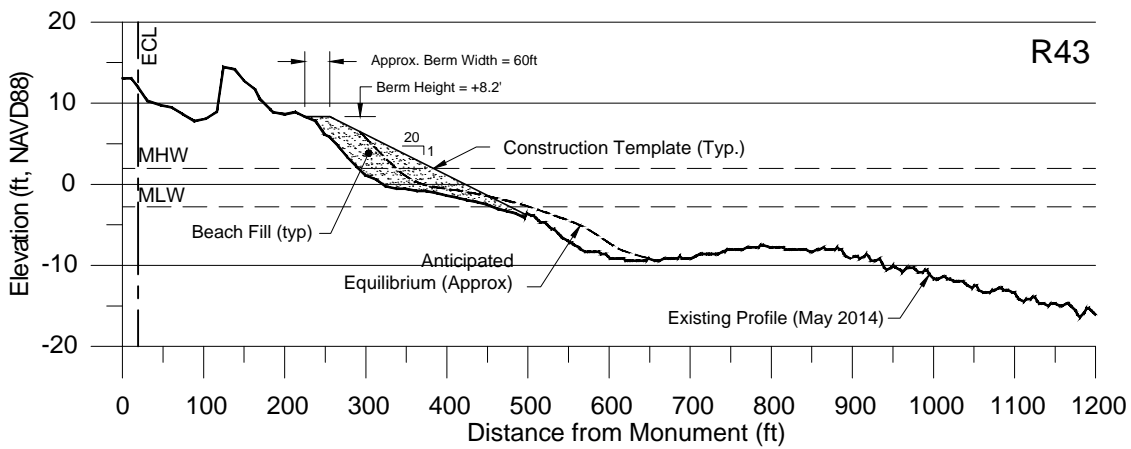
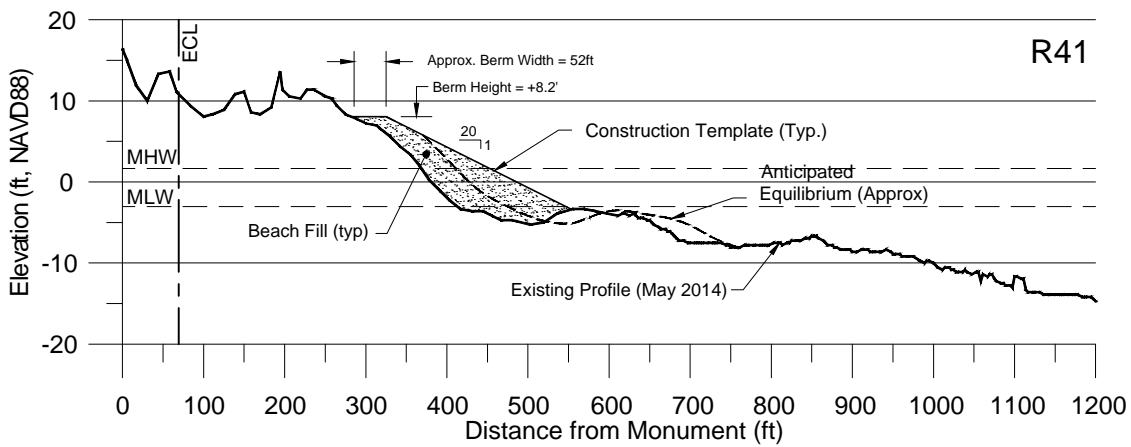


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SHORE PROTECTION PROJECT

PROFILES (3 of 11)

Date	Revision
05/12/15	
DRAWN BY: SH	
SHEET 15 of 29	



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Datums from NOAA Station 8720218
Mayport (Bar Pilots Dock)

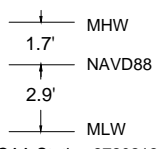
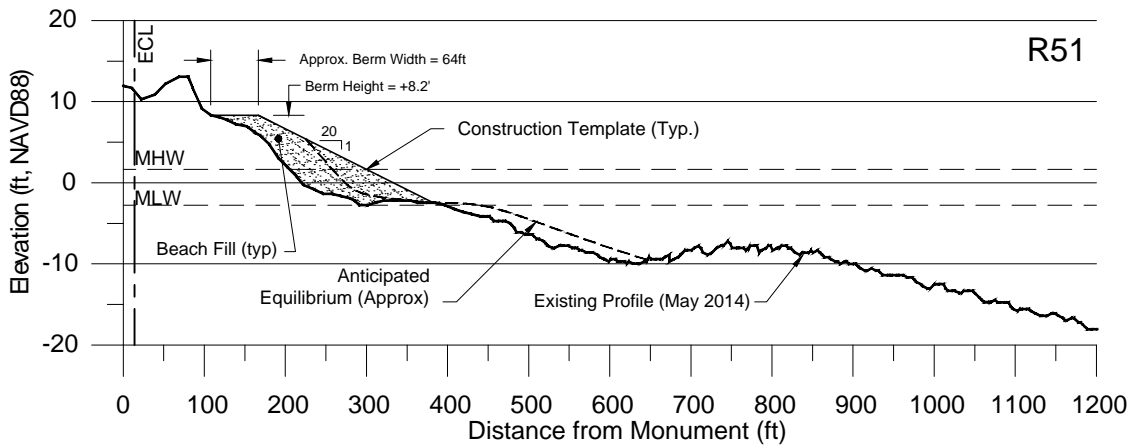
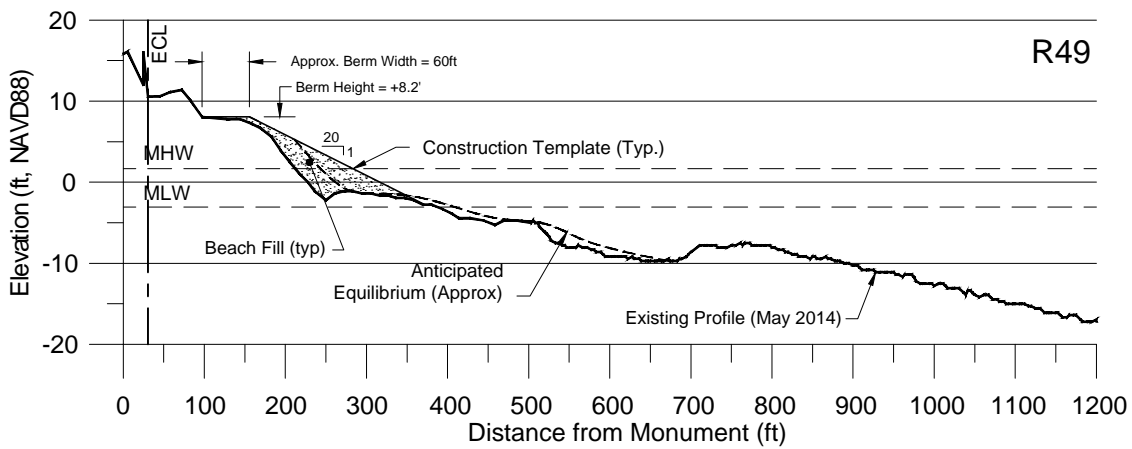
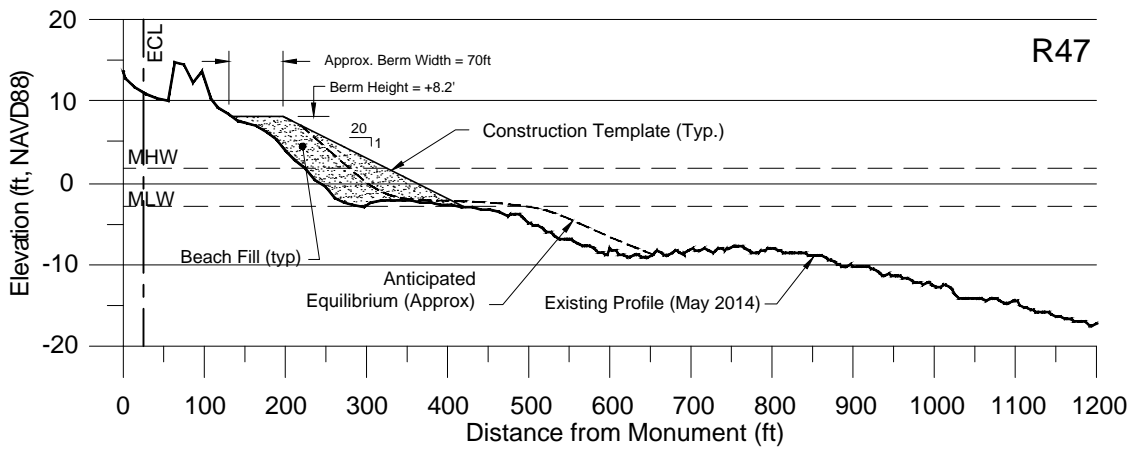


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SHORE PROTECTION PROJECT

PROFILES (4 of 11)

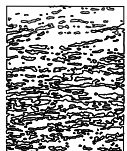
Date	Revision
05/12/15	
DRAWN BY: SH	
SHEET 16 of 29	



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Datums from NOAA Station 8720218
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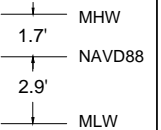
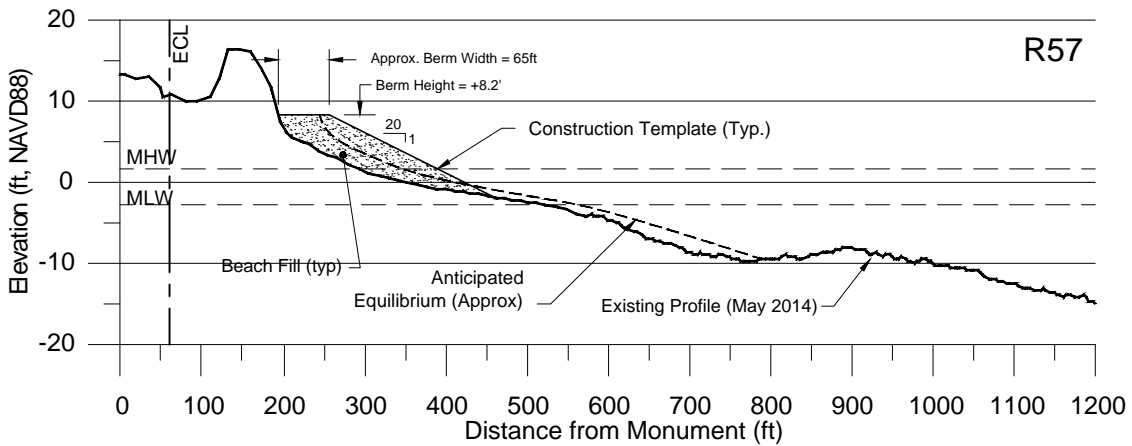
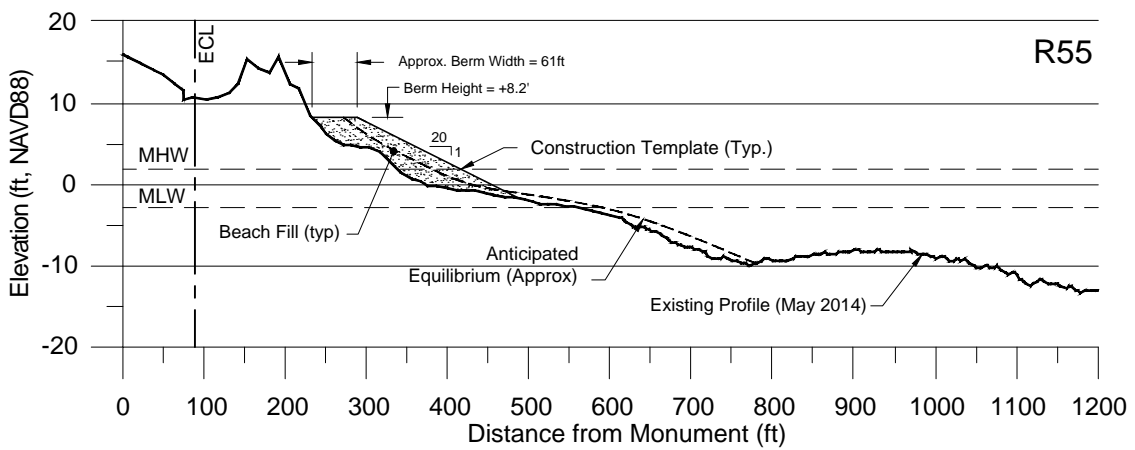
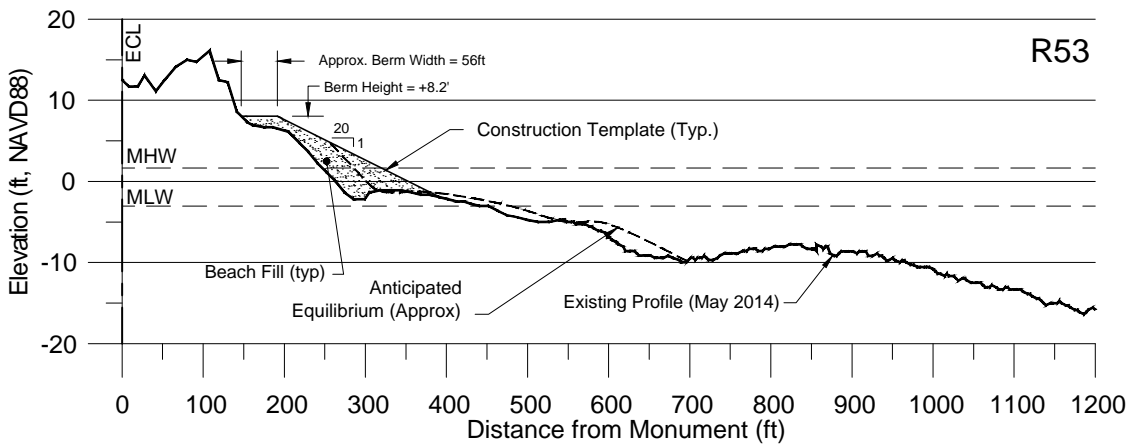


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PROFILES (5 of 11)

Date	Revision
05/12/15	
DRAWN BY: SH	
SHEET 17 of 29	



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Datums from NOAA Station 8720218
Mayport (Bar Pilots Dock)

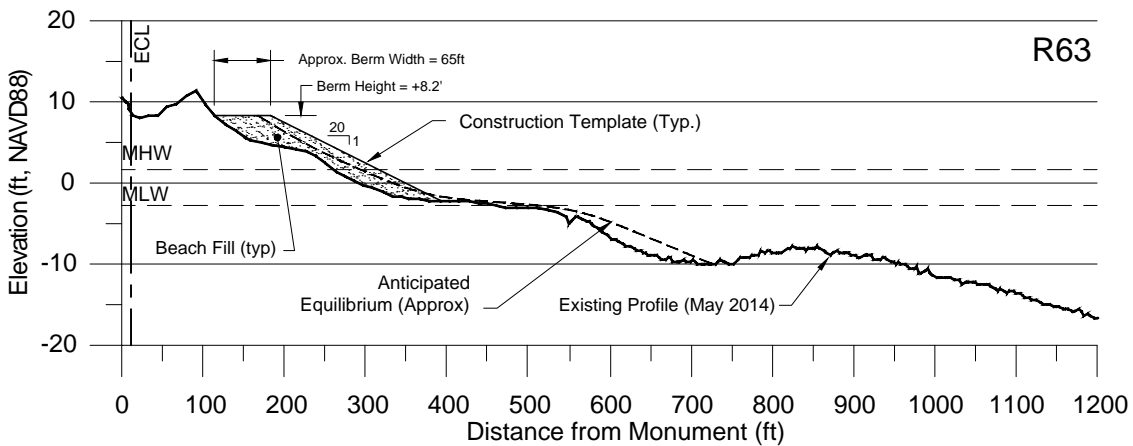
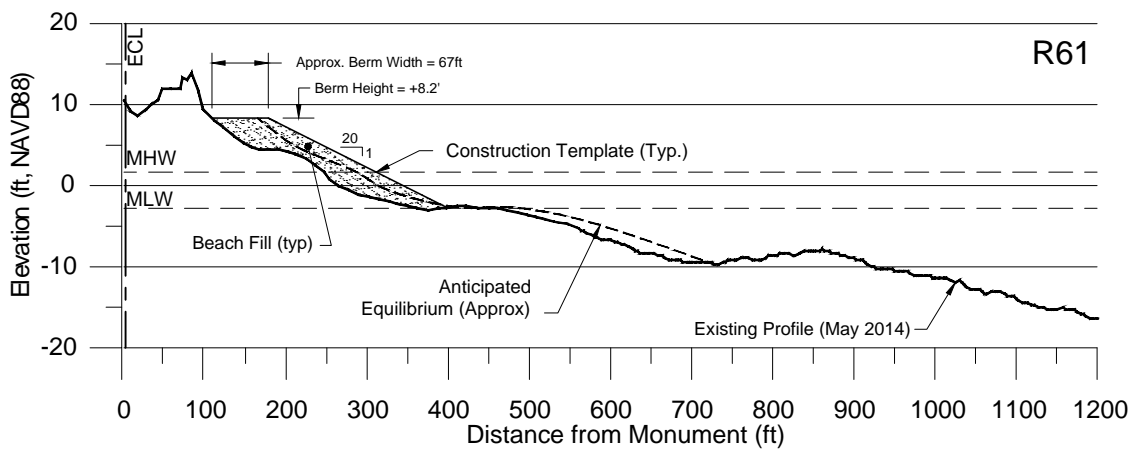
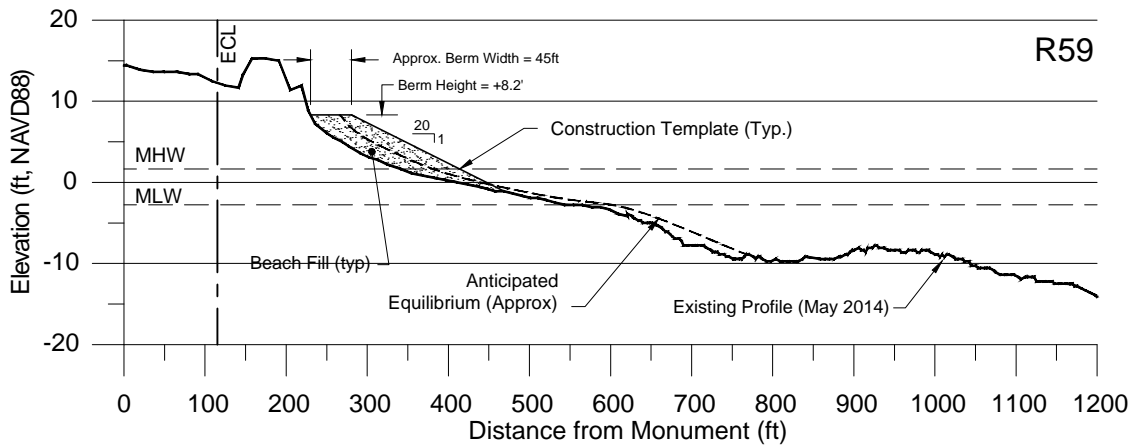


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PROFILES (6 of 11)

Date	Revision
05/12/15	
DRAWN BY: SH	
SHEET 18 of 29	



+ MHW
 1.7'
 + NAVD88
 2.9'
 + MLW

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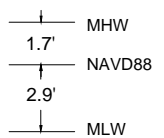
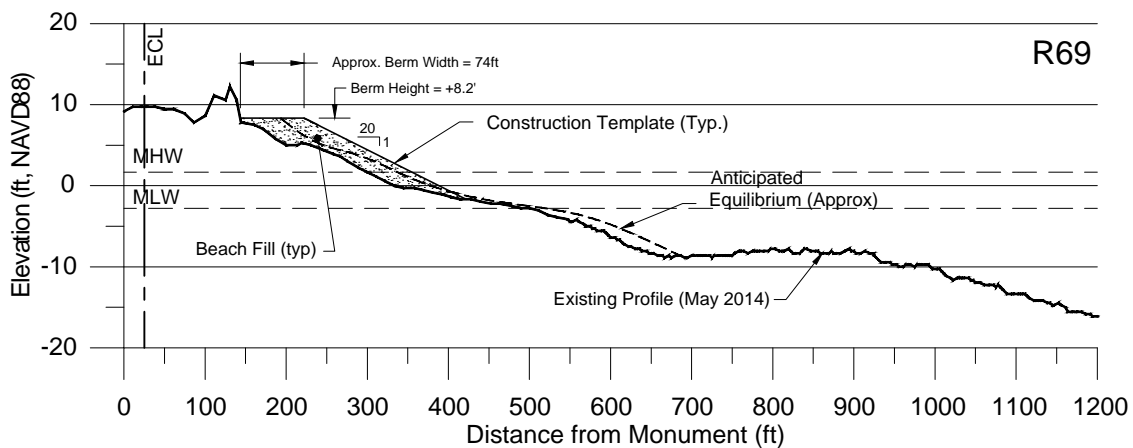
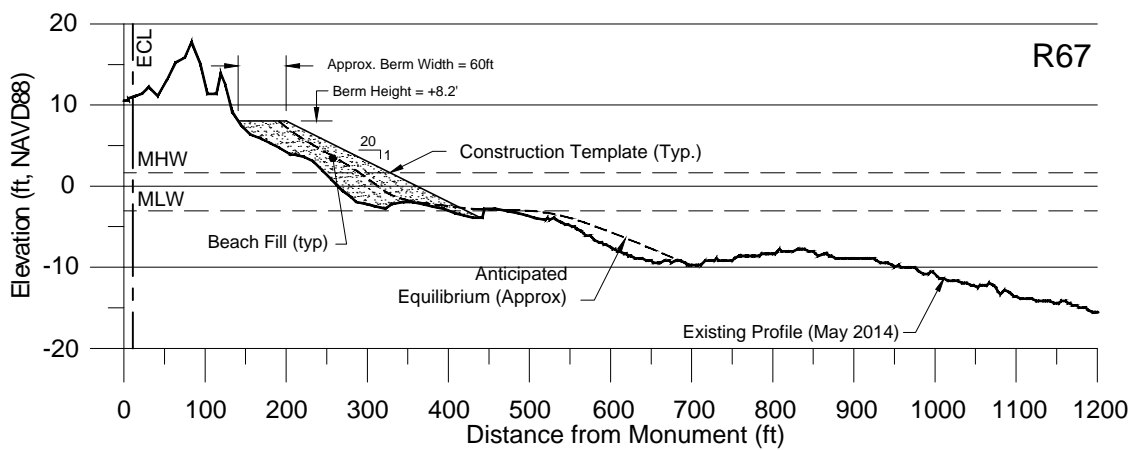
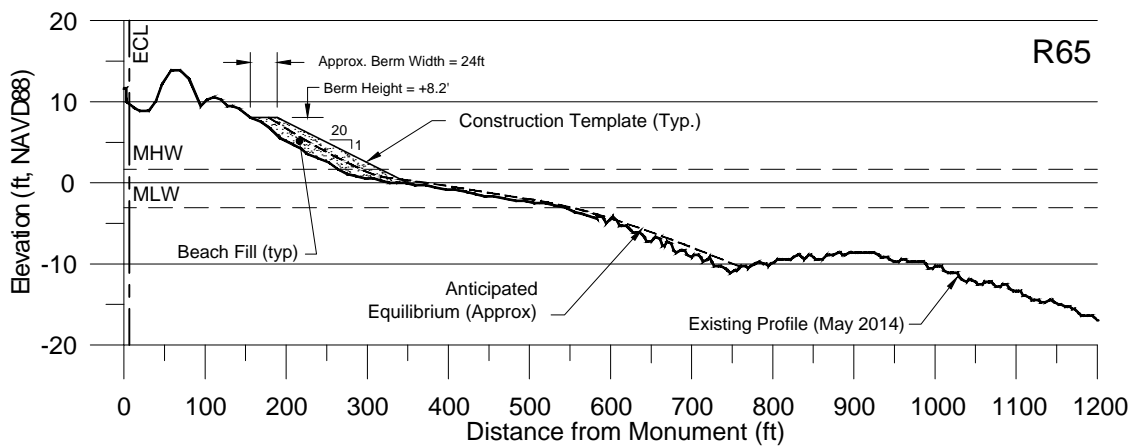


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PROFILES (7 of 11)

Date	Revision
05/12/15	
DRAWN BY: SH	
SHEET 19 of 29	



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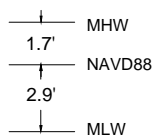
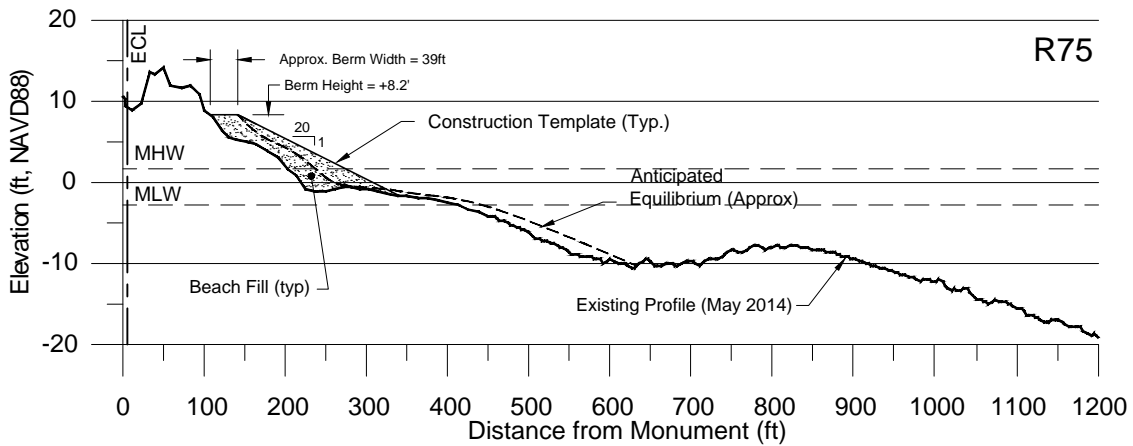
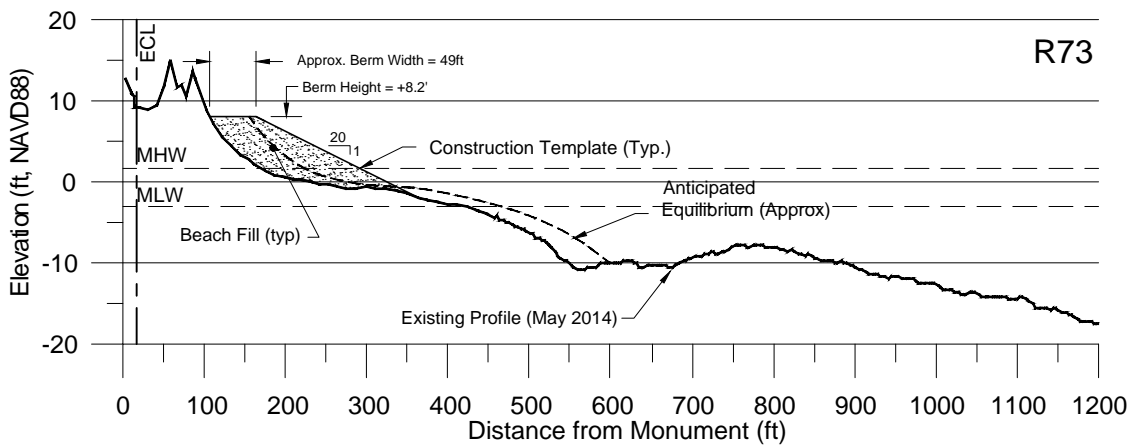
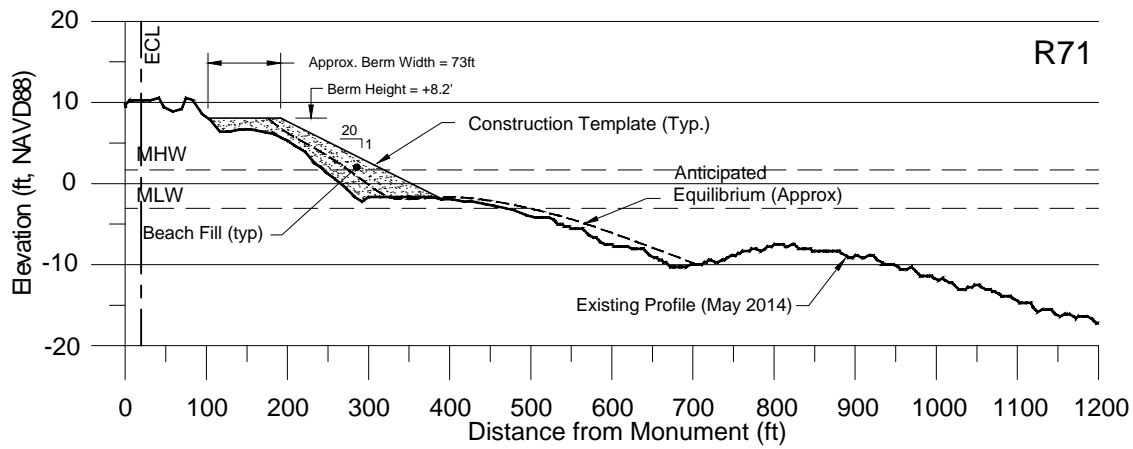


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PROFILES (8 of 11)

Date	Revision
05/12/15	
DRAWN BY: SH	
SHEET 20 of 29	



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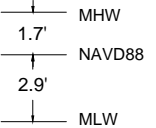
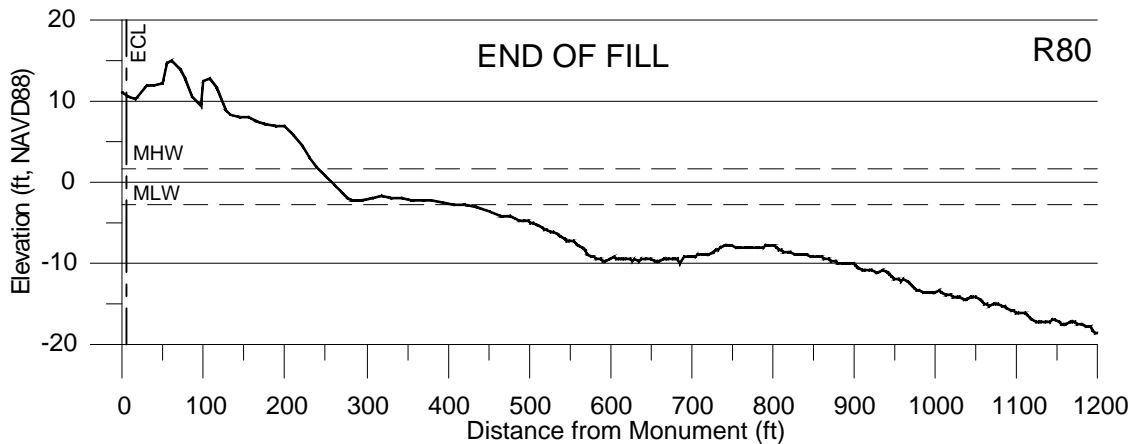
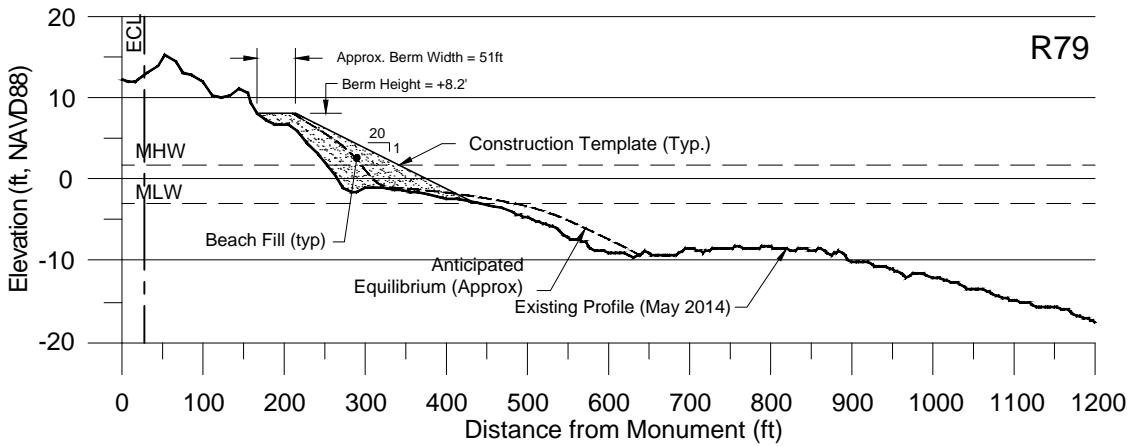
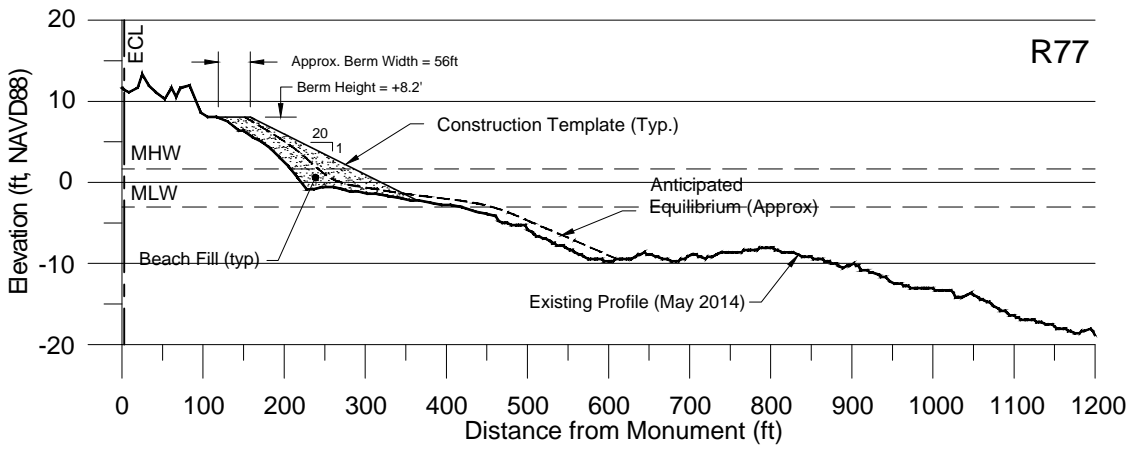


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PROFILES (9 of 11)

Date	Revision
05/12/15	
DRAWN BY:	
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SHEET	
21 of 29	



NOTE: BERM WIDTHS WILL VARY BASED UPON PREVAILING CONDITIONS

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Mayport (Bar Pilots Dock)



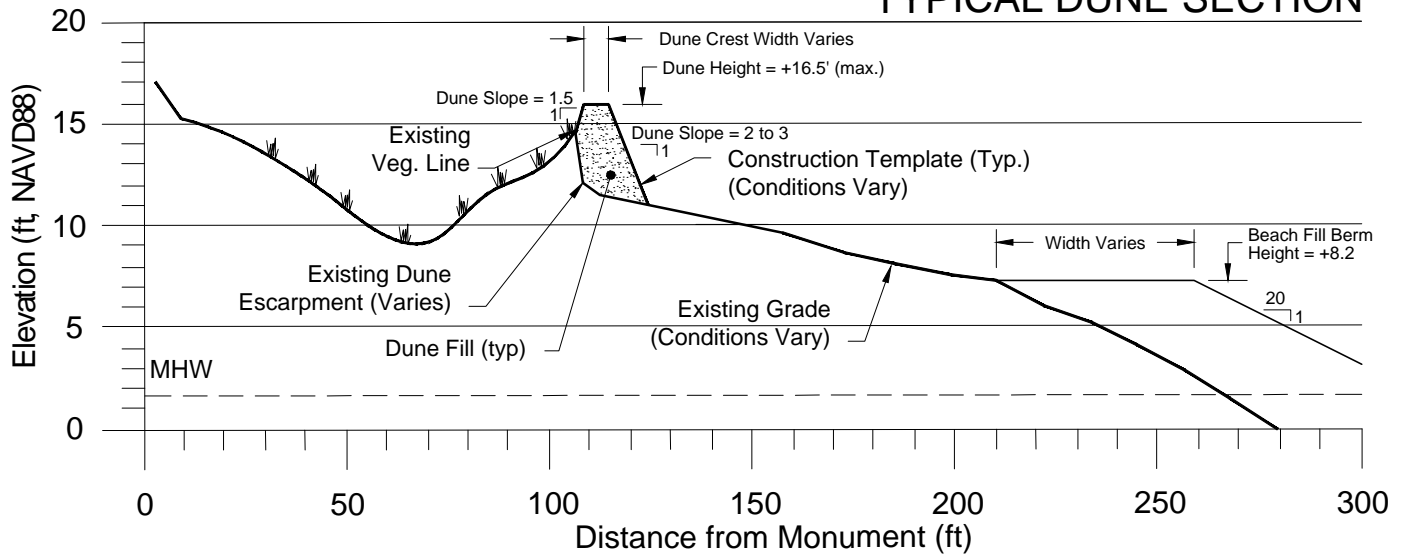
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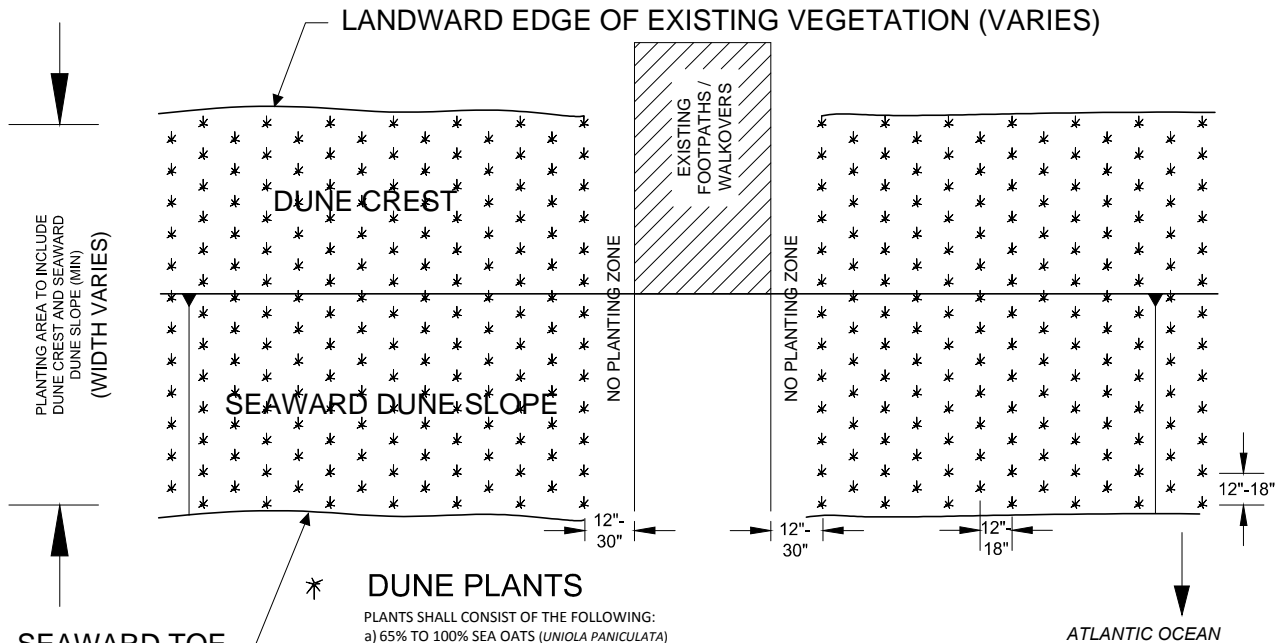
PROFILES (10 of 11)

Date	Revision
05/12/15	
DRAWN BY: SH	
SHEET 22 of 29	

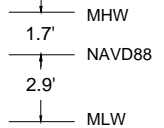
TYPICAL DUNE SECTION



TYPICAL DUNE PLAN

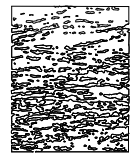


- DUNE PLANTS**
- PLANTS SHALL CONSIST OF THE FOLLOWING:
- a) 65% TO 100% SEA OATS (*UNIOLA PANICULATA*)
 - b) 0% TO 15% PANICGRASS (*PANICUM AMARUM*)
 - c) 0% TO 15% NATIVE VINES AND/OR VARIOUS PLANTS FROM AMONG THE FOLLOWING LIST:
 - SEA PURSLANE (*SESUVIUM PORTULACSTRUM*)
 - RAILROAD VINE (*IPOMOEA PES-CAPRAE*)
 - BEACH MORNING GLORY (*IPOMOEA PURPURE* OR *IMPERATI*)
 - BAY BEAN (*CANAVALIA ROSEA*)
 - DUNE SUNFLOWER (*HELIANTHUS DEBILIS*; NOT *VESTITUS*)
 - BEACH ELDER (*IVA IMBRICIATA*)
 - BLANKET FLOWER (*GAILLARIDA PULCHELLA*)
 - INKBERRY (*SCAEVOLO PLUMIERI*)
 - BEACH CROTON (*CROTON PUNTATUS*)
 - SEASHORE DROPSEED (*SPOROBOLUS VIRGINICUS*)
 - SEA OX-EYE DAISY (*BORRICHIA FRUTESCENS*)
 - VIRGINIA CREEPER (*PARTHENOCISSUS QUINQUEFOLIA*)



NOTE: BERM WIDTHS WILL VARY BASED UPON PREVAILING CONDITIONS
NOT FOR CONSTRUCTION

Datums from NOAA Station 8720218
Mayport (Bar Pilots Dock)

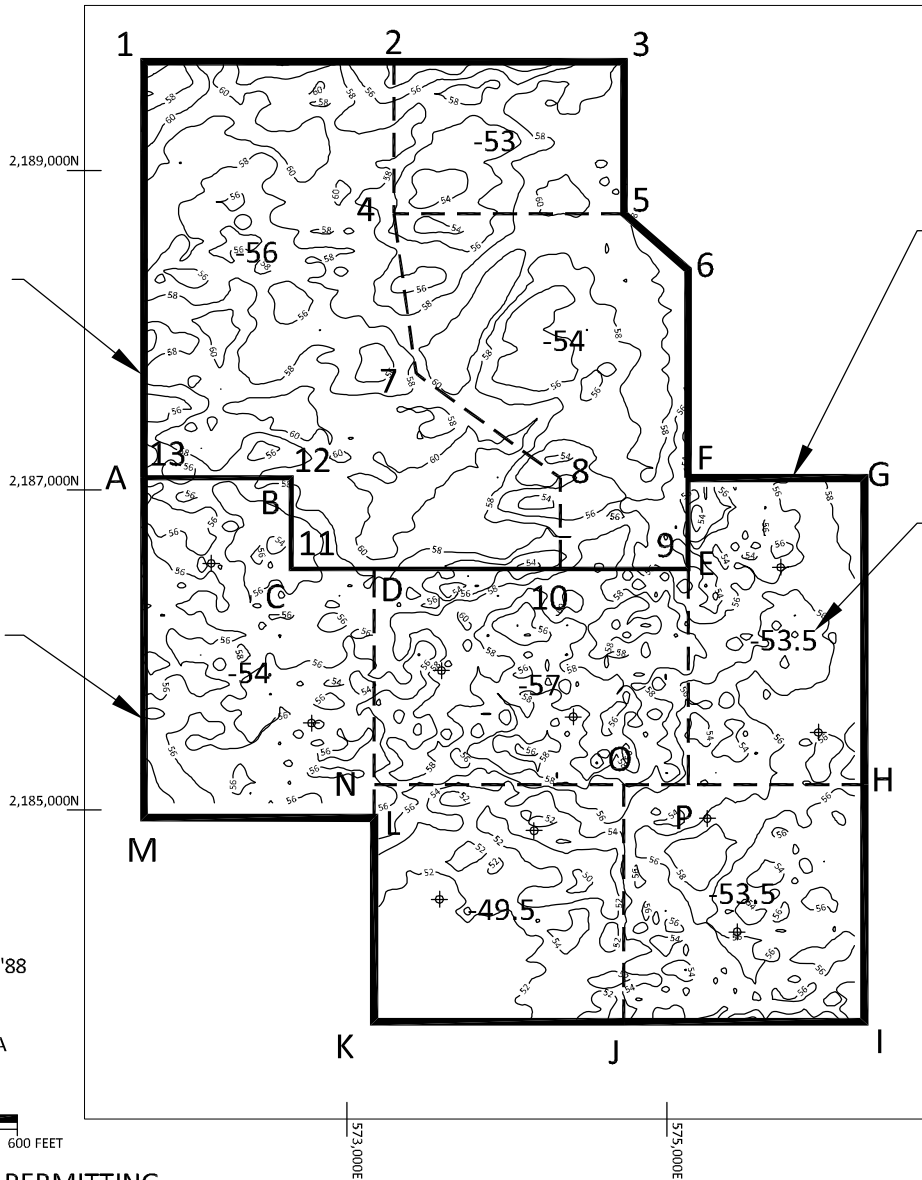


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PROFILES (11 of 11)

Date	Revision	05/12/15
		DRAWN BY: SH
		SHEET 23 of 29



PRIOR BORROW AREA A (UTILIZED IN 2005)

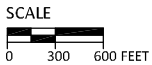
2011 BORROW AREA LIMITS (501.7 ACRES±) AREA A+A2

PERMITTED CUT ELEV. FT, MLLW (TYP)

DEPTH ELEVATIONS IN FEET, NAVD88

SURVEY DATE: SEP 24-25, 2011 (post-construction)

3.14 FT
NAVD '88
MLLW
BORROW AREA



FOR PURPOSES OF PERMITTING
NOT FOR CONSTRUCTION

Point	EXTERIOR (PERIMETER) LIMITS			
	NAD83 (feet)		Decimal Degrees	
	Easting (X)	Northing (Y)	North Latitude	West Longitude
1	571,730.9	2,189,676.0	30.35649055	81.26771021
3	574,730.9	2,189,676.0	30.35650968	81.25819856
5	574,731.0	2,188,726.0	30.35389754	81.25816937
6	575,131.0	2,188,376.0	30.35293771	81.25692068
F	575,130.9	2,187,074.3	30.34935856	81.25691165
G	576,231.8	2,187,074.3	30.34936537	81.25342144
I	576,231.8	2,183,675.9	30.34002114	81.25339737
K	573,169.7	2,183,675.9	30.34000198	81.26310429
L	573,169.7	2,184,950.4	30.34350634	81.26311366
M	571,731.0	2,184,950.4	30.34349708	81.26767453

Point ID	INTERIOR POINTS			
	NAD 83 FL EAST (feet)		Decimal Degrees	
	Easting (X)	Northing (Y)	North Latitude	West Longitude
2	573,290.9	2,189,676.0	30.3565006	81.2627642
4	573,291.0	2,188,726.0	30.3538975	81.2627344
7	573,431.0	2,187,726.0	30.3511398	81.2623057
8	574,331.0	2,187,076.0	30.3493582	81.2594476
10	574,331.0	2,186,505.9	30.3477907	81.2594435
9 E	575,131.0	2,186,506.0	30.3477960	81.2569072
11 C	572,651.0	2,186,505.9	30.3477800	81.2647695
12 B	572,651.0	2,187,075.9	30.3493473	81.2647737
13 A	571,730.9	2,187,075.9	30.3493413	81.2676907
D	573,169.7	2,186,506.0	30.34778360	81.26312510
F	575,130.9	2,187,074.3	30.34935856	81.25691165
H	576,231.8	2,185,159.2	30.34409962	81.25340787
J	574,729.8	2,183,675.9	30.34001183	81.25815874
N	573,169.7	2,185,159.3	30.34408073	81.26311519
O	574,729.8	2,185,159.2	30.34409031	81.25816944
P	575,130.9	2,185,159.2	30.34409281	81.25689789



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O.C.S. BORROW AREA A + A2

Date	Revision

05/12/15
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SHEET
24 of 29

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1978-1980
BORROW AREA

1986 & 1993 BORROW AREA

See Sheet 24
for Bathymetry
and Limits

A1

A2

SUB-AREA "A1"
(2005, 2011)

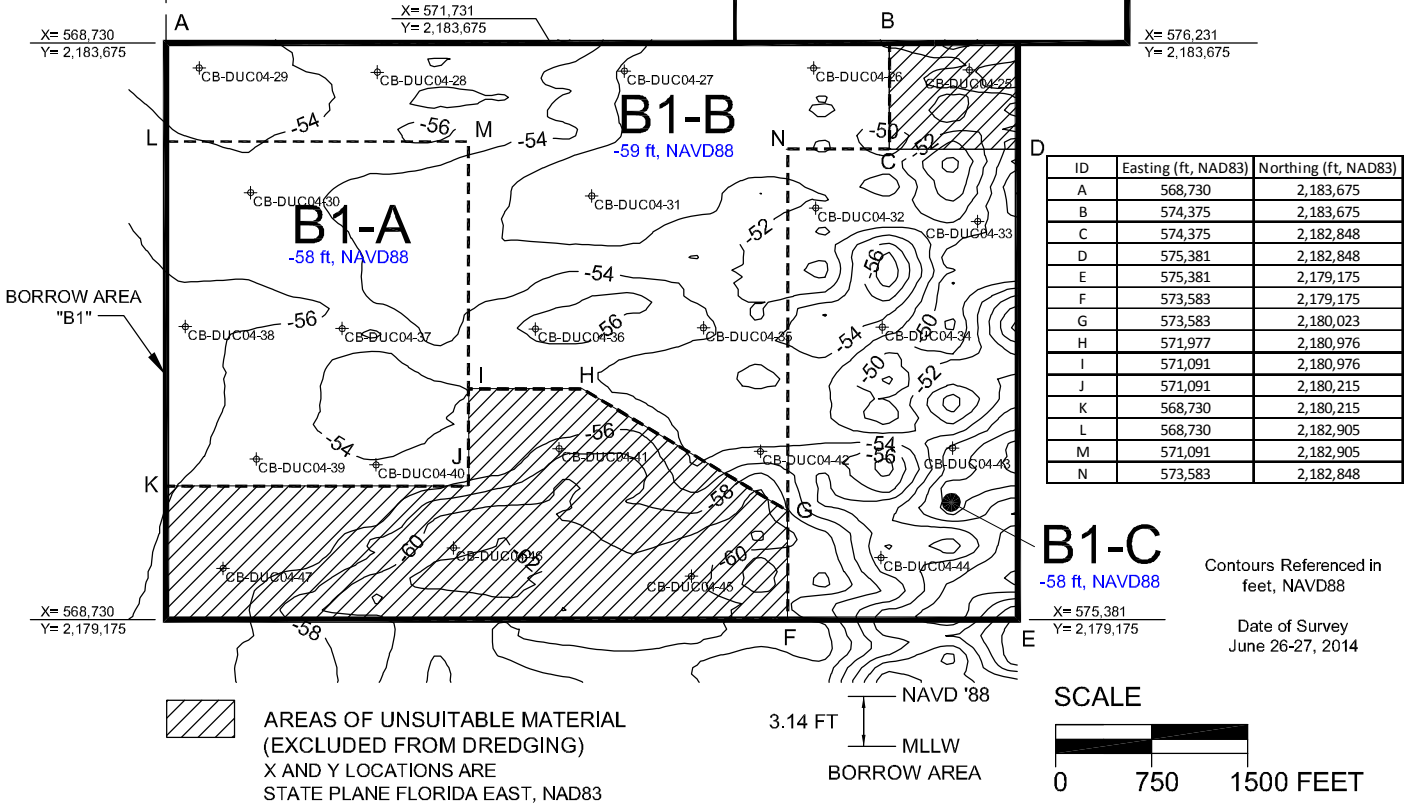
SUB-AREA "A2"
(2011)

BORROW AREA "A"

B1-B
-59 ft, NAVD88

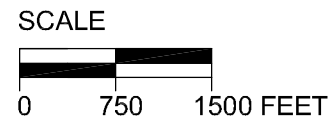
B1-A
-58 ft, NAVD88

B1-C
-58 ft, NAVD88



ID	Easting (ft, NAD83)	Northing (ft, NAD83)
A	568,730	2,183,675
B	574,375	2,183,675
C	574,375	2,182,848
D	575,381	2,182,848
E	575,381	2,179,175
F	573,583	2,179,175
G	573,583	2,180,023
H	571,977	2,180,976
I	571,091	2,180,976
J	571,091	2,180,215
K	568,730	2,180,215
L	568,730	2,182,905
M	571,091	2,182,905
N	573,583	2,182,848

Contours Referenced in
feet, NAVD88
Date of Survey
June 26-27, 2014

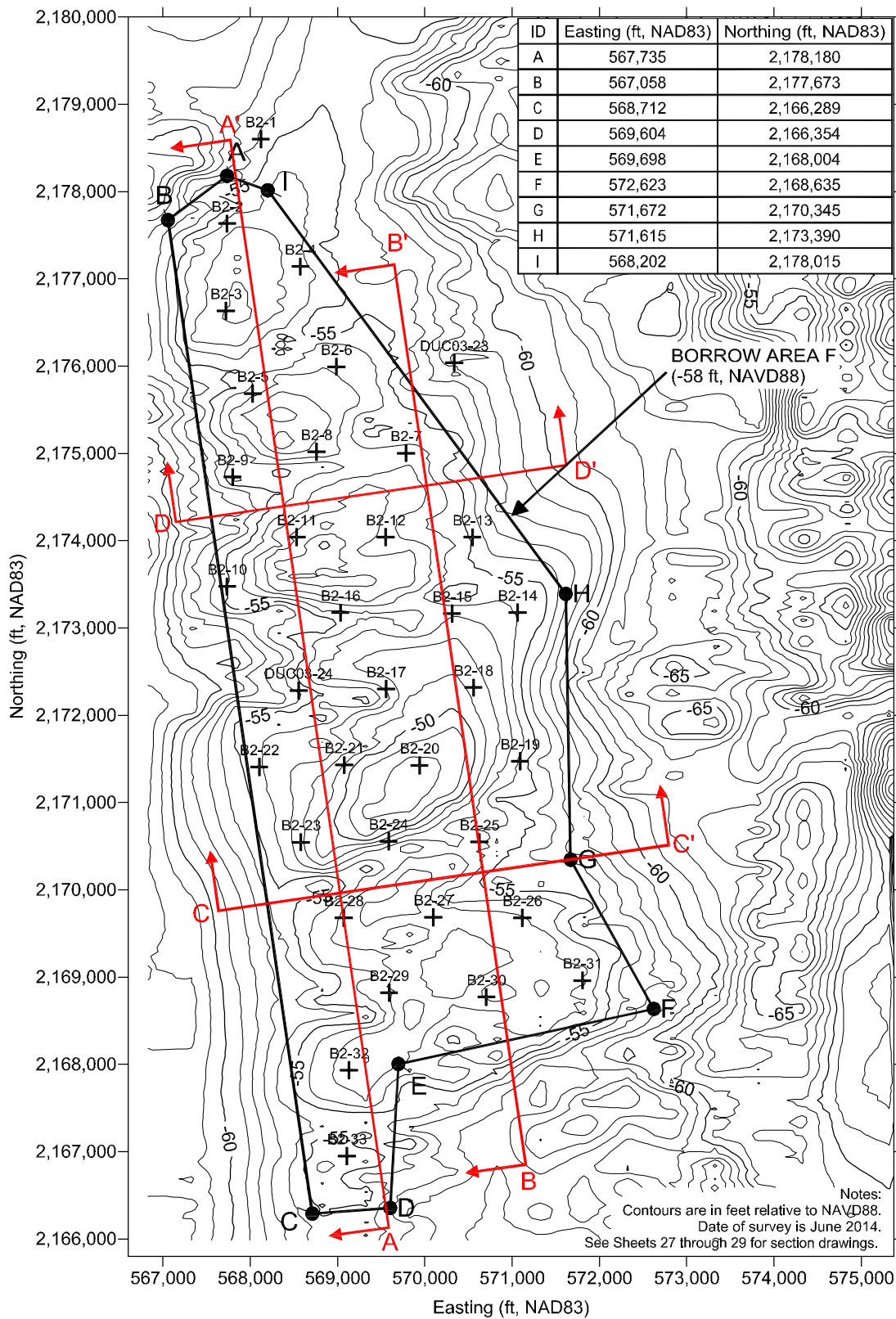
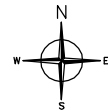


AREAS OF UNSUITABLE MATERIAL
(EXCLUDED FROM DREDGING)
X AND Y LOCATIONS ARE
STATE PLANE FLORIDA EAST, NAD83

3.14 FT
NAVD '88
MLLW
BORROW AREA

DUVAL COUNTY, FL
SHORE PROTECTION PROJECT
BORROW AREAS (PREVIOUSLY
PERMITTED & PARTIALLY USED)

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SHEET 25 of 29	



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BORROW AREA F

Date

Revision

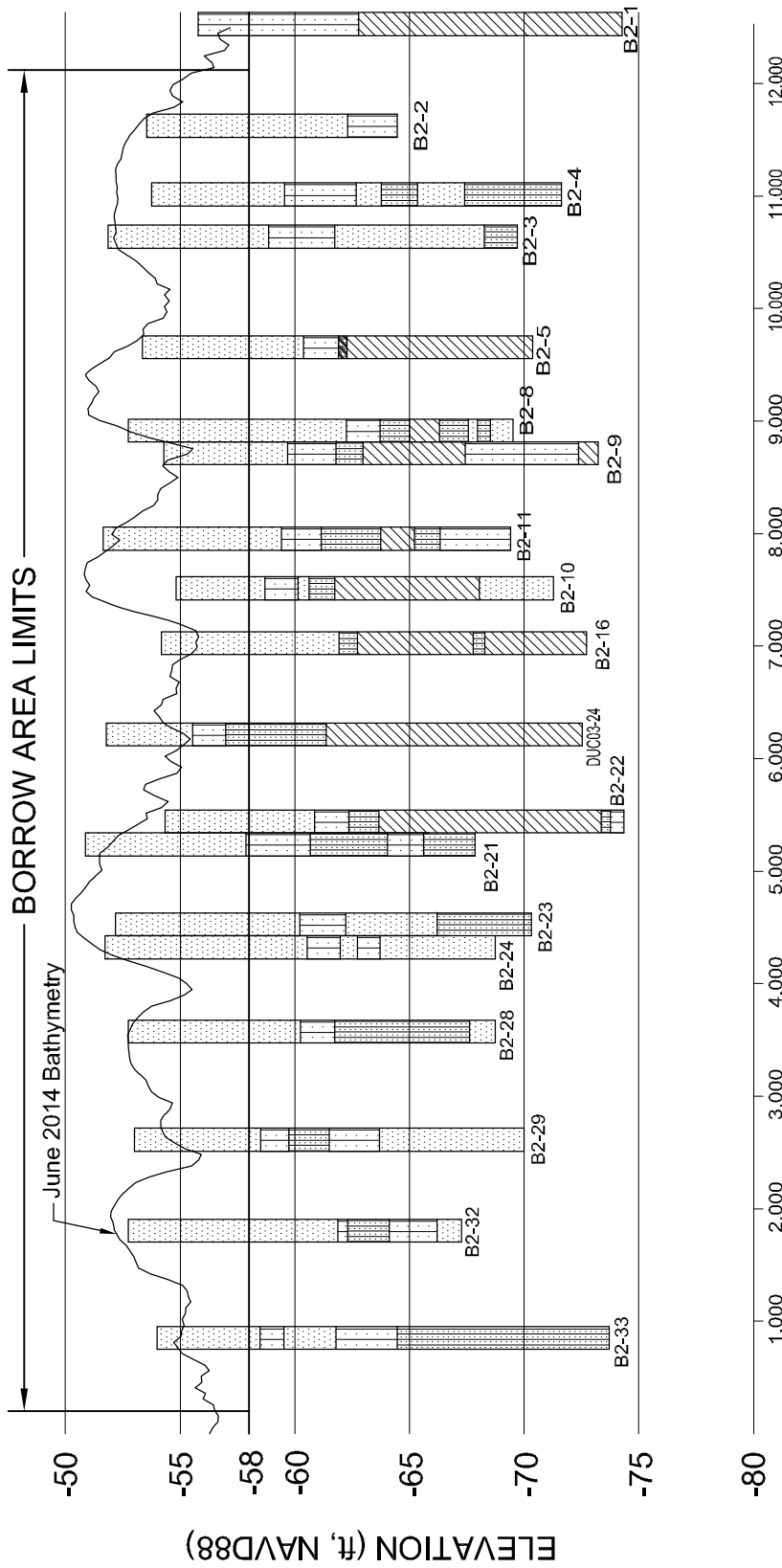
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SHEET
26 of 29

SECTION A - A'



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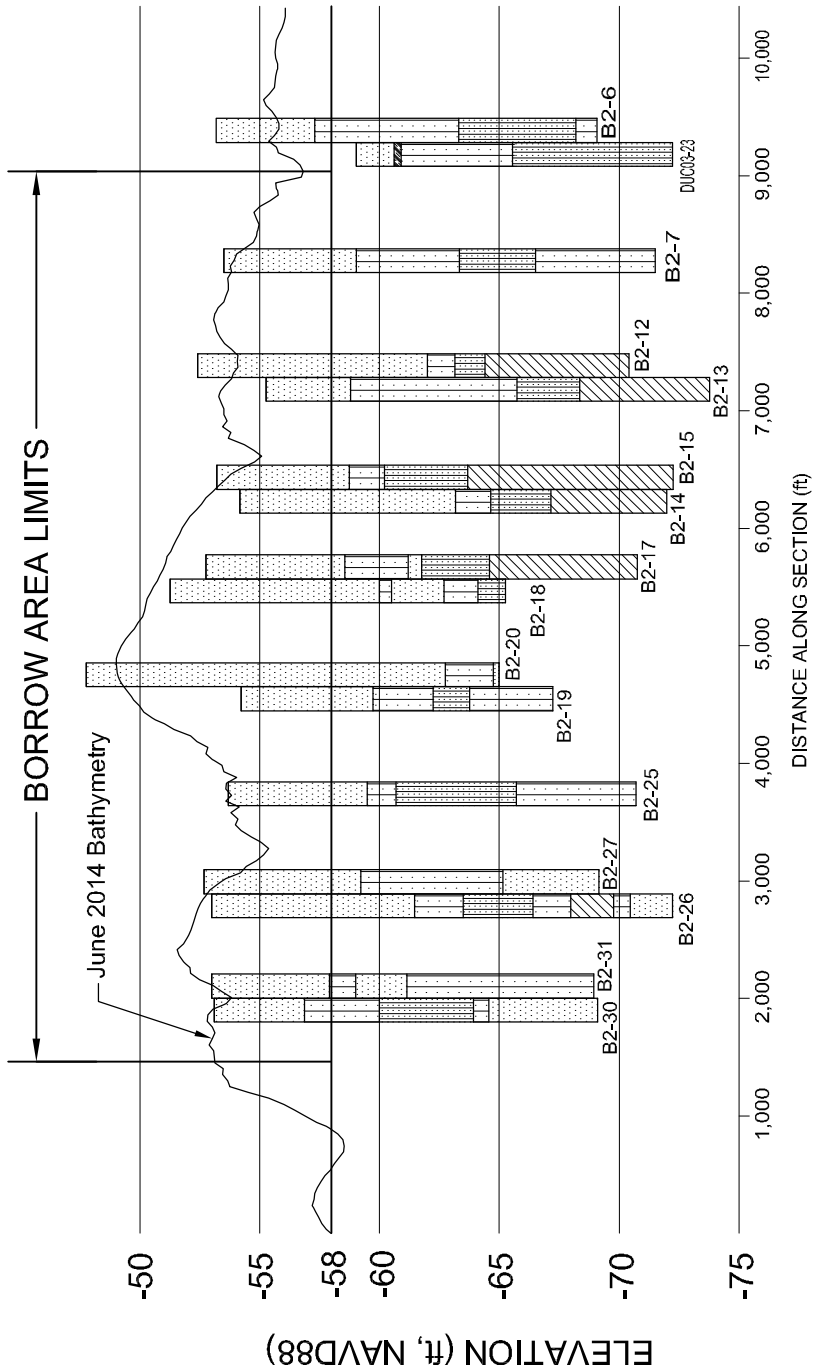
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BORROW AREA
SECTIONS

Date	Revision
05/12/15	
DRAWN BY: JDN	
SHEET 27 of 29	

SECTION B - B'



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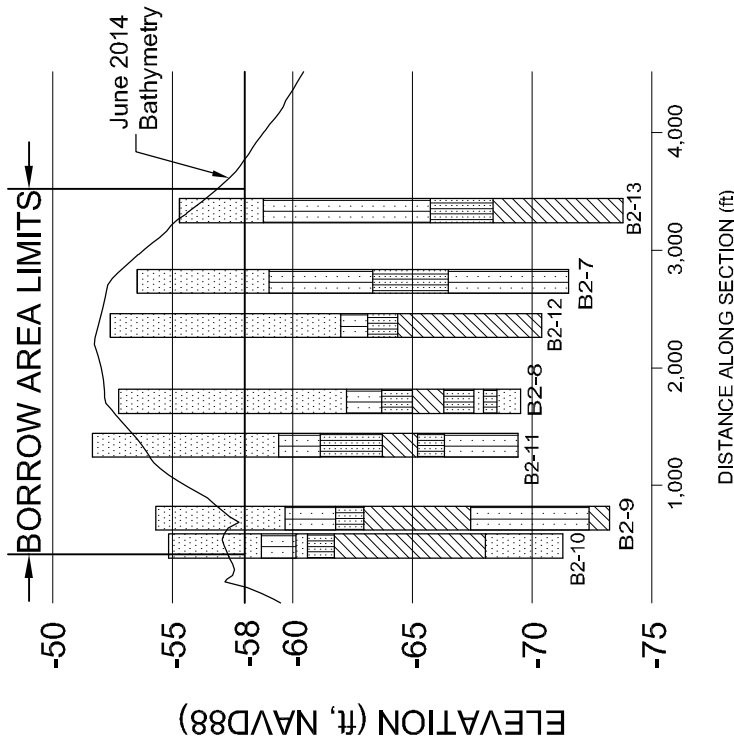
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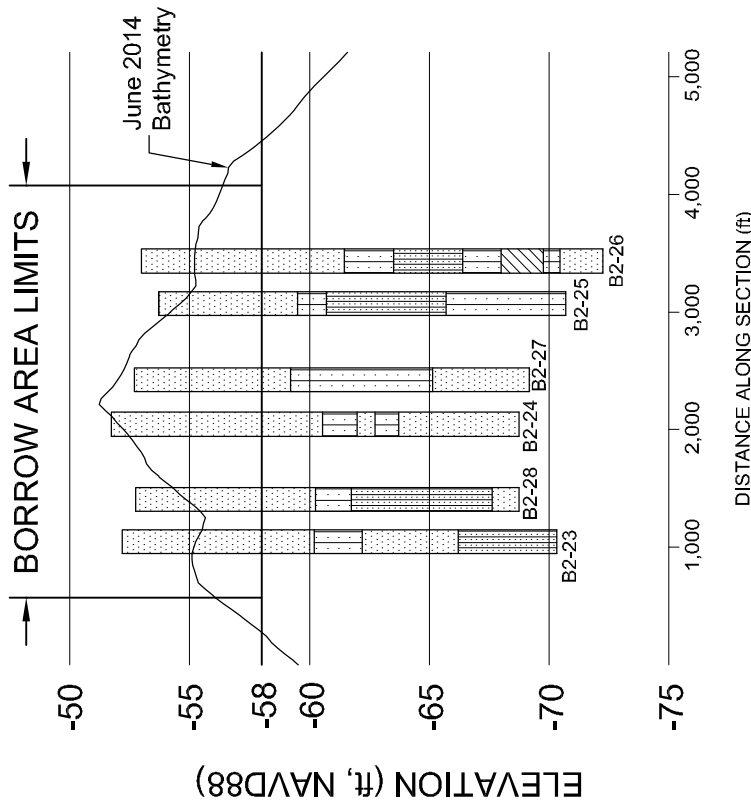
BORROW AREA
SECTIONS

Date	Revision
05/12/15	
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SHEET 28 of 29	

SECTION D - D'



SECTION C - C'



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BORROW AREA
SECTIONS

Date	Revision
05/12/15	
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SHEET 29 of 29	