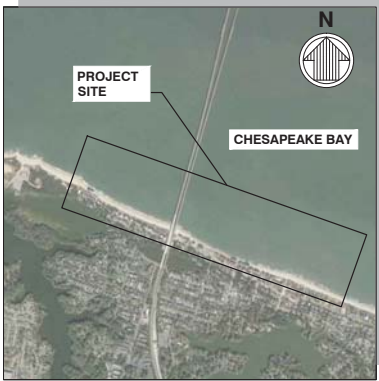




LOCATION MAP
NTS

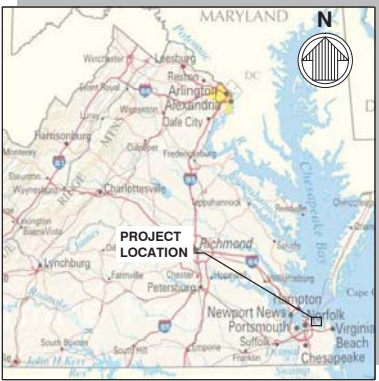
CHESAPEAKE BEACH NOURISHMENT

CITY OF VIRGINIA BEACH

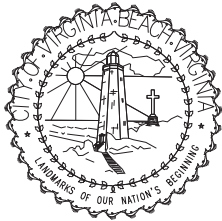
DEPARTMENT OF PUBLIC WORKS

WATER RESOURCES DIVISION

COASTAL ENGINEERING SECTION



VICINITY MAP
NTS



BEFORE YOU DIG,
CALL
"MISS UTILITY"
OF VIRGINIA
811

INDEX OF DRAWINGS		
INDEX NO.	SHEET	SHEET TITLE
1	G-001	TITLE SHEET, MAPS, AND INDEX OF DRAWINGS
2	C-101	OVERALL PLAN
3	C-102	BEACH FILL PLAN - SHEET 1 OF 6
4	C-103	BEACH FILL PLAN - SHEET 2 OF 6
5	C-104	BEACH FILL PLAN - SHEET 3 OF 6
6	C-105	BEACH FILL PLAN - SHEET 4 OF 6
7	C-106	BEACH FILL PLAN - SHEET 5 OF 6
8	C-107	BEACH FILL PLAN - SHEET 6 OF 6
9	C-301	BEACH SECTIONS - SHEET 1 OF 2
10	C-302	BEACH SECTIONS - SHEET 2 OF 2

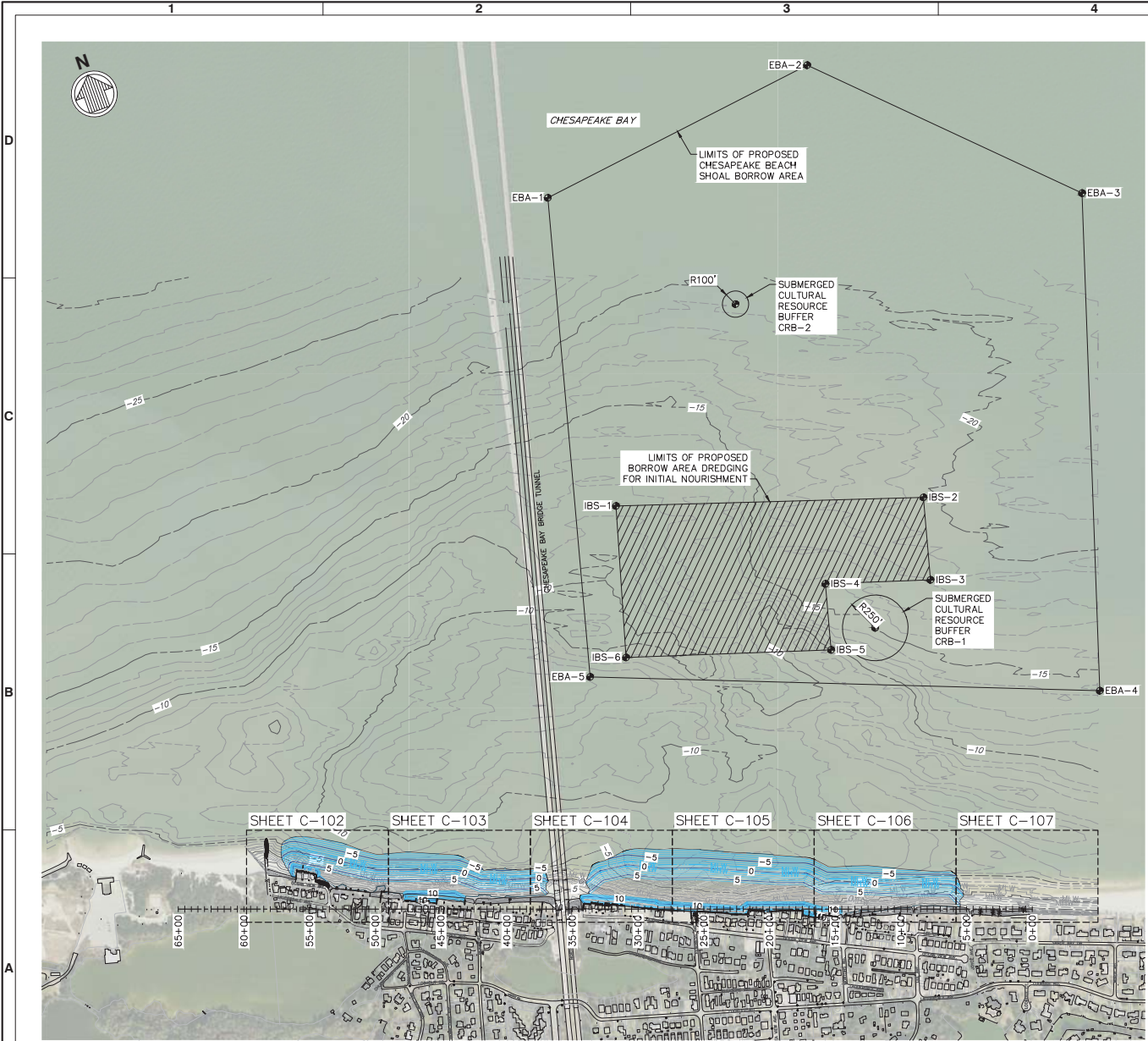


PERMIT DRAWINGS	NOT TO BE USED FOR CONSTRUCTION
Date	Rev.
Description	Rev.

CHESAPEAKE BEACH NOURISHMENT VIRGINIA BEACH, VA	TITLE SHEET, MAPS, AND INDEX OF DRAWINGS
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800 WORLD TRADE CENTER MORRIS, VA 23110 757-665-6222	Prepared by: Reviewed by: Submitted by: Submitted for: Submitted to: Submitted on: Submitted at: Submitted by: Submitted for: Submitted to: Submitted on: Submitted at:	800 WORLD TRADE CENTER MORRIS, VA 23110 757-665-6222	Prepared by: Reviewed by: Submitted by: Submitted for: Submitted to: Submitted on: Submitted at:
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Sheet Reference Number: G-001 Sheet 1 of 10
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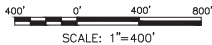
NOTES:

1. THE HYDROGRAPHIC AND BEACH TOPOGRAPHIC CONTOURS AND CROSS-SECTION PROFILES PRESENTED ON THE PLANS AND SECTIONS ARE BASED ON A SURVEY COMPLETED IN APRIL 2017 BY WATERWAY SURVEYS & ENGINEERING, LTD.
2. ADDITIONAL TOPOGRAPHIC INFORMATION AND BEACHFRONT STRUCTURES (BENCHMARKS, PINS, EASEMENTS BULKHEADS, BEACH ACCESS STEPS, LANDINGS, DECKS, ETC.) ARE BASED ON A SURVEY COMPLETED IN APRIL 2017 BY ROUSE-SIRINE ASSOCIATES, LTD.
3. THE MERIDIAN SOURCE OF THIS PLAN IS BASED ON THE VIRGINIA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 1983/1993 (HARN). COORDINATE VALUES ARE EXPRESSED IN US SURVEY FEET.
4. ELEVATIONS ARE IN FEET RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

LEGEND:

- EXISTING CONTOURS
- PROPOSED NOURISHMENT CONTOURS
- WORKING POINT

WORKING POINT TABLE		
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CRB-2	3506526.04	12178498.33
EBA-1	3507764.88	12177421.47
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EBA-3	3506442.45	12181266.32
EBA-4	3502827.79	12180130.74
EBA-5	3504221.50	12176508.79
IBS-1	3505382.05	12177127.86
IBS-2	3504662.64	12179355.93
IBS-3	3504053.03	12179197.34
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



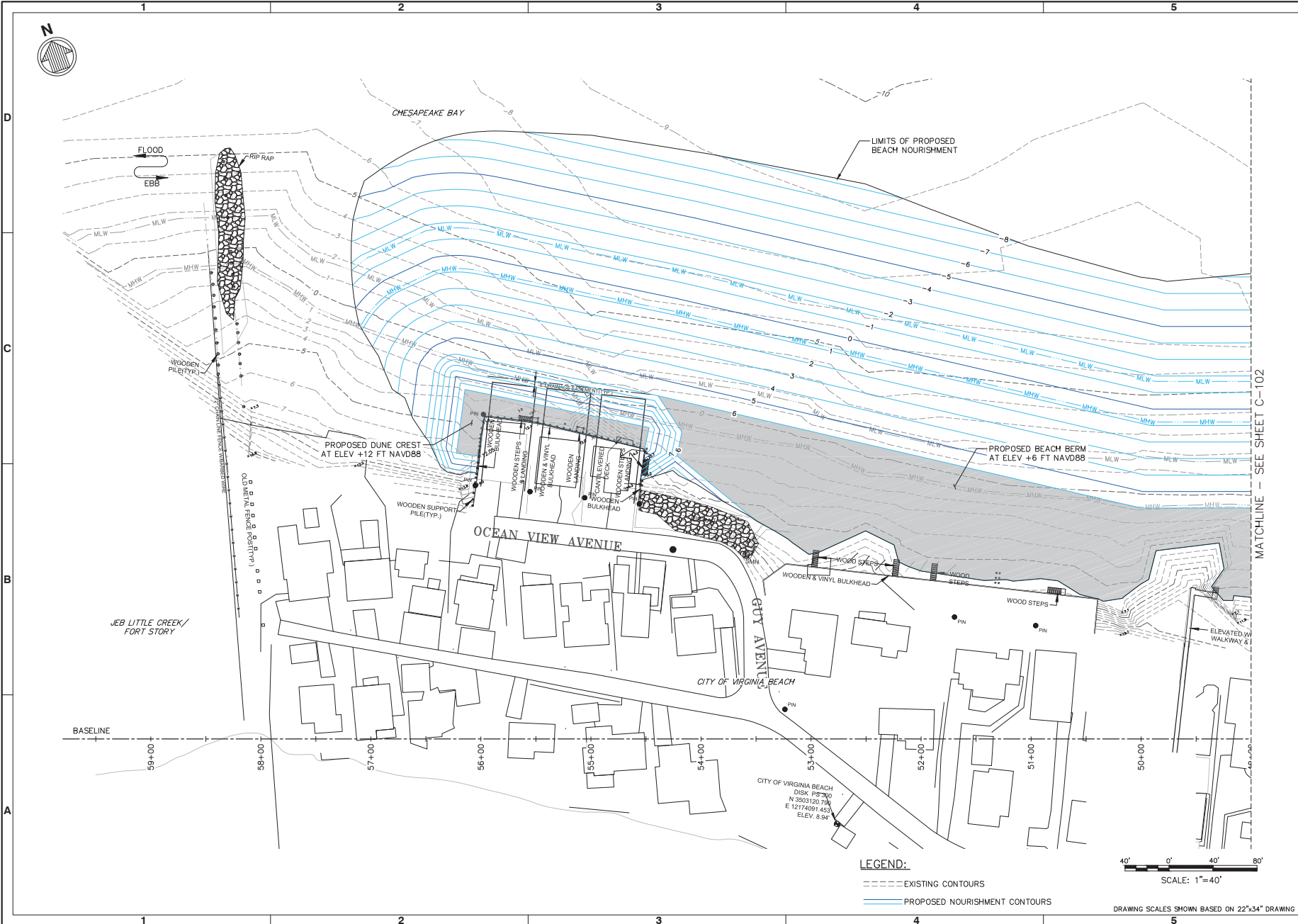
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BY	BNJ
CHKD	BNJ
APP'D	BNJ
DESCRIPTION	CHESAPEAKE BEACH NOURISHMENT
PROJECT	VIRGINIA BEACH, VA
SCALE	1"=400'
SHEET	2 OF 10

DATE	7/28/2017
BY	BNJ
CHKD	BNJ
APP'D	BNJ
DESCRIPTION	CHESAPEAKE BEACH NOURISHMENT
PROJECT	VIRGINIA BEACH, VA
SCALE	1"=400'
SHEET	2 OF 10

DATE	7/28/2017
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PROJECT	VIRGINIA BEACH, VA
SCALE	1"=400'
SHEET	2 OF 10

DATE	7/28/2017
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SHEET	2 OF 10

DATE	7/28/2017
BY	BNJ
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DESCRIPTION	CHESAPEAKE BEACH NOURISHMENT
PROJECT	VIRGINIA BEACH, VA
SCALE	1"=400'
SHEET	2 OF 10





Permit No.	Date	Description	Rev.
PERMIT DRAWINGS			
NOT TO BE USED FOR CONSTRUCTION			

CHESAPEAKE BEACH NOURISHMENT
VIRGINIA BEACH, VA

BEACH FILL PLAN - SHEET 1 OF 6

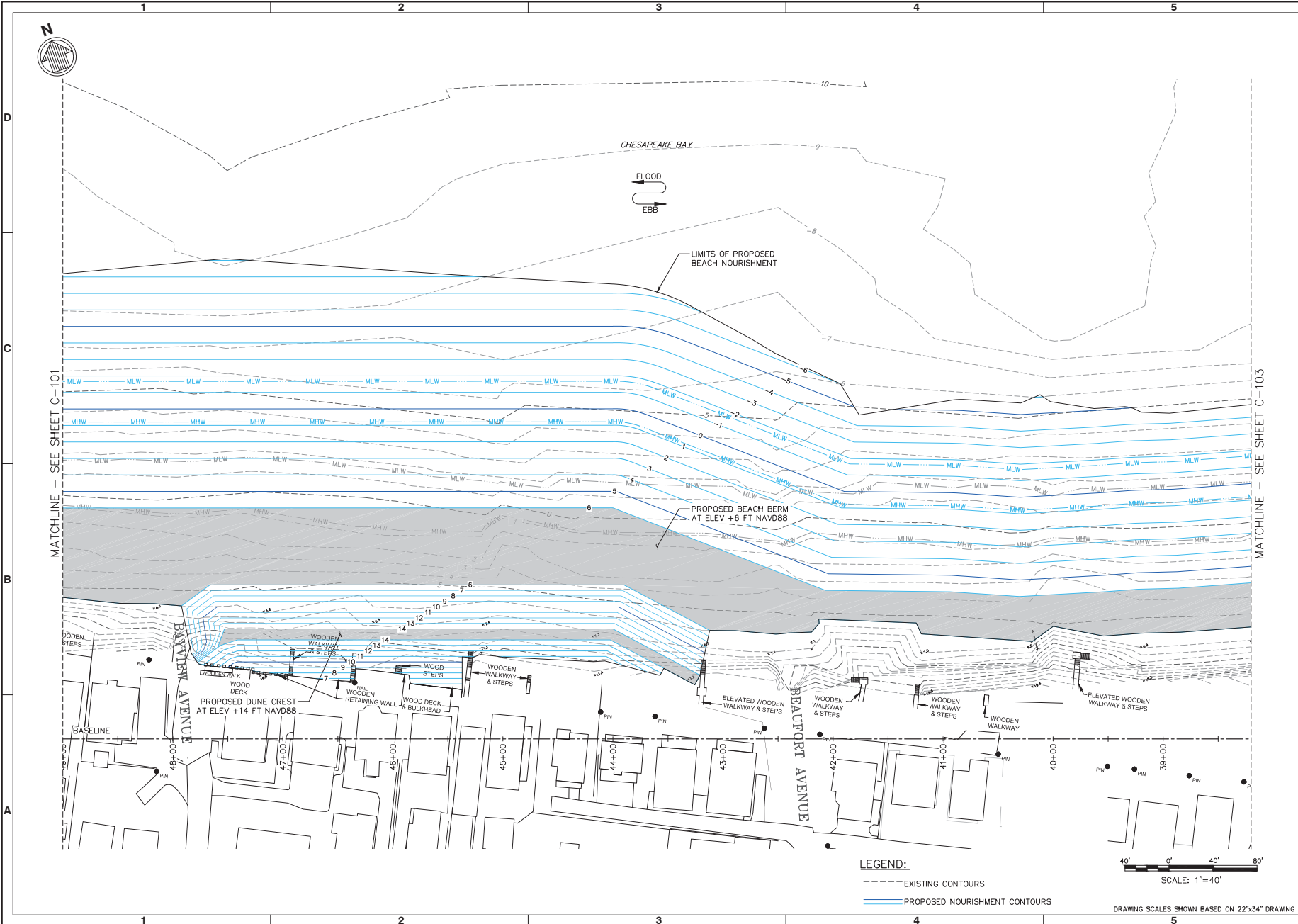
Prepared by:	Checked by:	Date:
800 WORLD TRADE CENTER MORFORD, VA 23010 757-665-6222	MBN 7/28/2017	7/28/2017

mett & nichol

PREPARED FOR:
CITY OF VIRGINIA BEACH
DEPARTMENT OF PUBLIC WORKS

Sheet Reference Number:
C-102
Sheet 5 of 10

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Date	Description	Rev.

CHESAPEAKE BEACH NOURISHMENT
VIRGINIA BEACH, VA

BEACH FILL PLAN - SHEET 2 OF 6

mett & nichol

800 WORLD TRADE CENTER
MORRISVILLE, VA 23110
757-665-6222

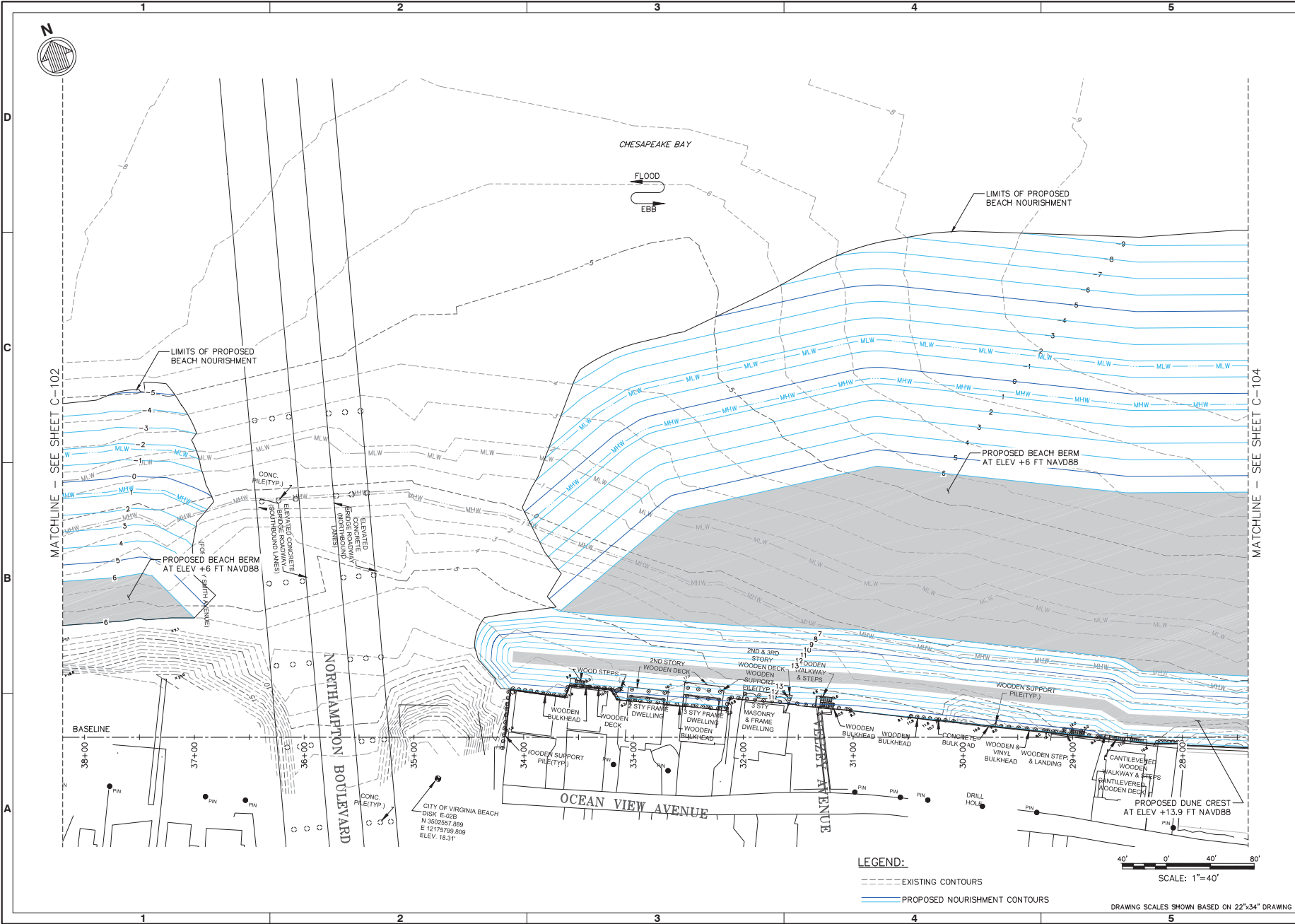
DESIGNED BY: [Signature]
CHECKED BY: [Signature]
DATE: 07/28/2017
DRAWING NO: 7949-32

PREPARED FOR:
U.S. ARMY CORPS OF ENGINEERS
DEPARTMENT OF PUBLIC WORKS

Submitted By: [Signature]
Reviewed By: [Signature]
Date: 07/28/2017
Drawing Scale: AS NOTED
Plot scale: 1" = 40'

Sheet Reference Number:
C-103
Sheet 4 of 10

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Date	Rev.
07/28/2017	1

PERMIT DRAWINGS
NOT TO BE USED FOR CONSTRUCTION

CHESAPEAKE BEACH NOURISHMENT
VIRGINIA BEACH, VA

BEACH FILL PLAN - SHEET 3 OF 6

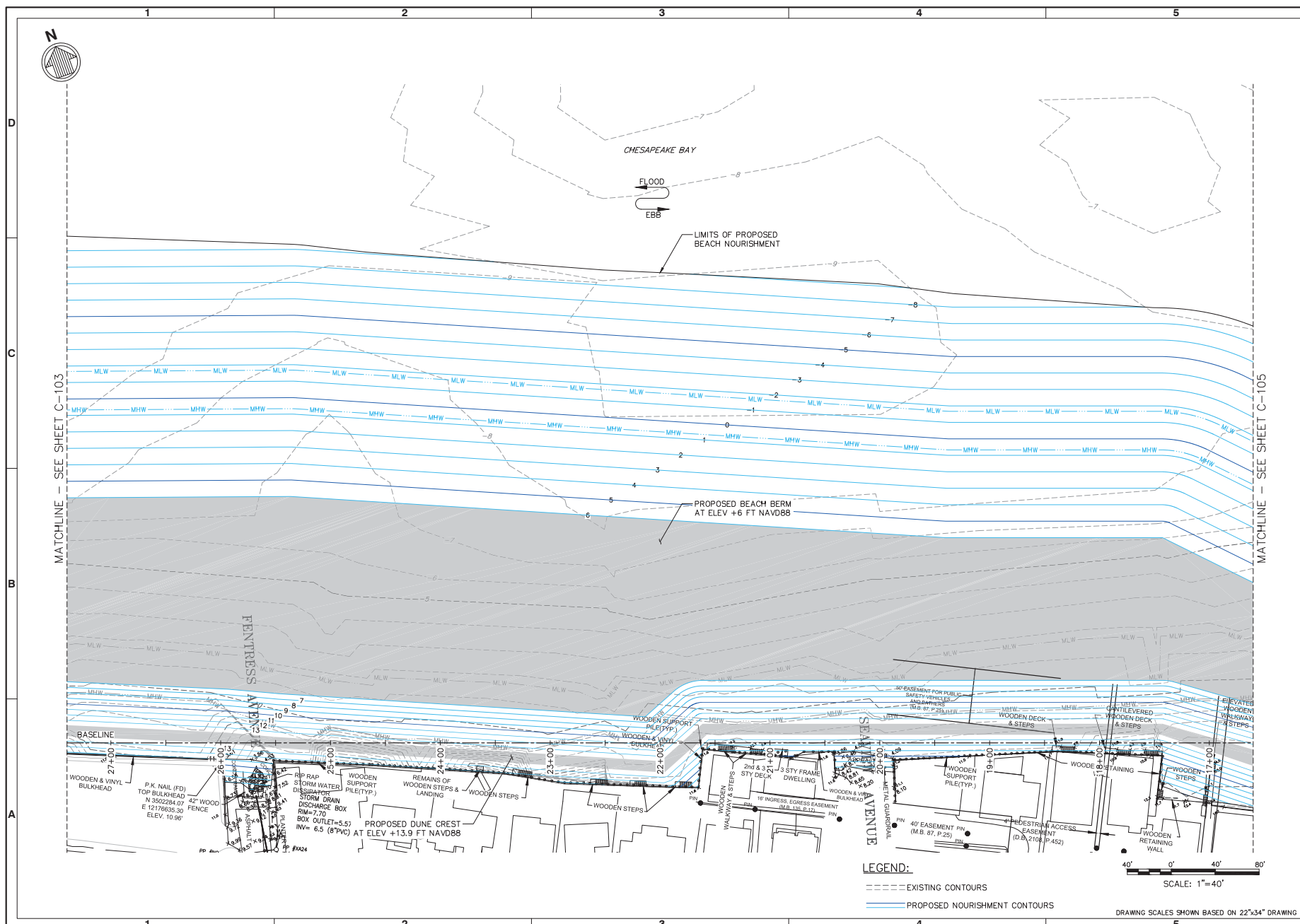
800 WOULD TRADE CENTER
NORFOLK, VA 23510
757-622-6222

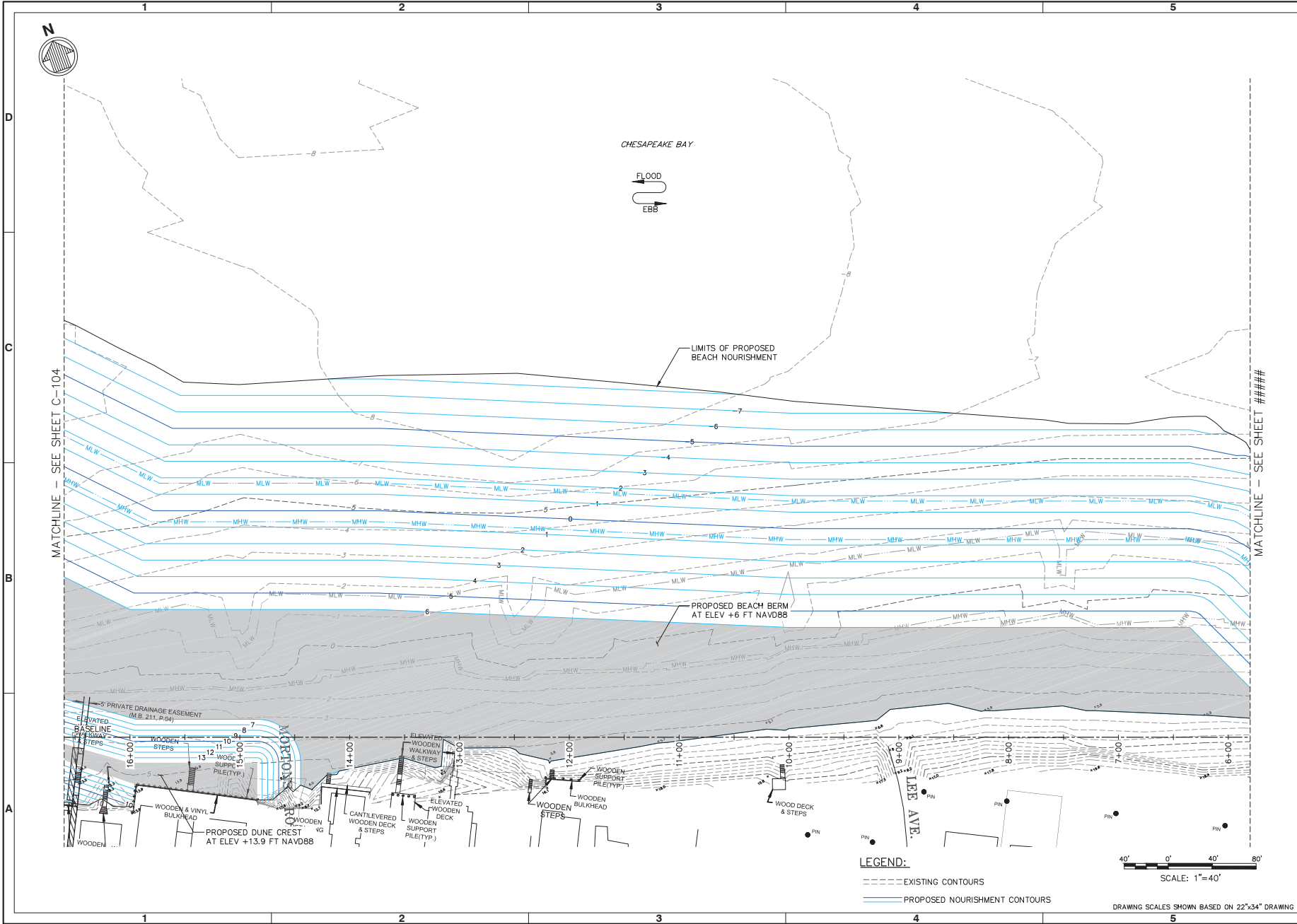
mett & nichol

PREPARED FOR:
CITY OF VIRGINIA BEACH
DEPARTMENT OF PUBLIC WORKS

Sheet Reference Number:
C-104
Sheet 5 of 10

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Date	Rev.
07/28/2017	1

PERMIT DRAWINGS

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CHESAPEAKE BEACH NOURISHMENT
VIRGINIA BEACH, VA

BEACH FILL PLAN - SHEET 5 OF 6

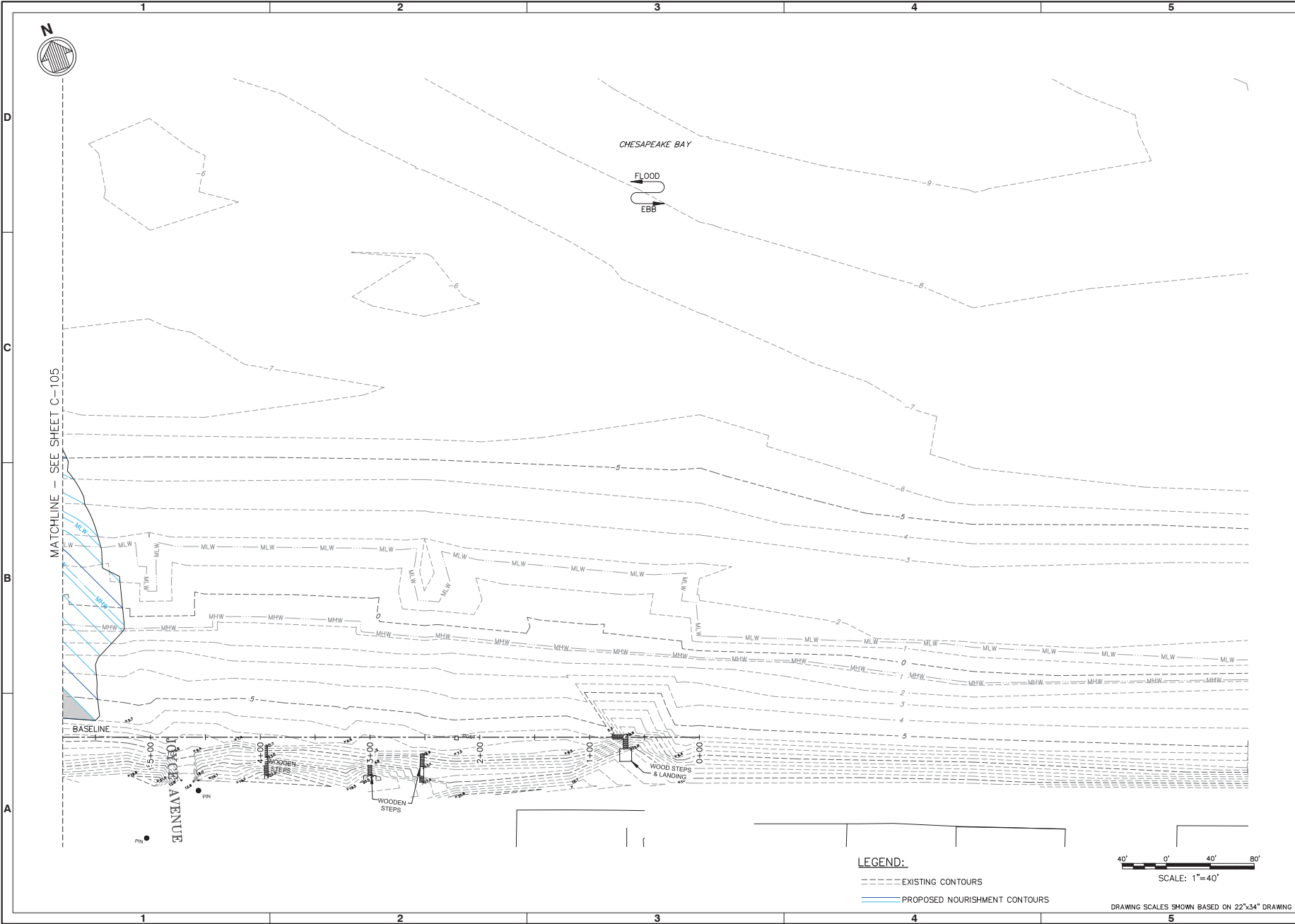


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PREPARED FOR:
U.S. ARMY CORPS OF ENGINEERS
DEPARTMENT OF PUBLIC WORKS

Sheet Reference Number:
C-106
Sheet 7 of 10

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PERMIT DRAWINGS	NOT TO BE USED FOR CONSTRUCTION	Rev	Date

CHESAPEAKE BEACH NOURISHMENT
VIRGINIA BEACH, VA

BEACH FILL PLAN - SHEET 6 OF 6

800 WORLD TRADE CENTER MORRIS, VA 23110 757-465-6222	Designed by:	BPJ	Rev:	
	Drawn by:	BPJ	Check by:	
PREPARED FOR: CITY OF VIRGINIA BEACH DEPARTMENT OF PUBLIC WORKS	Reviewed by:		Drawing Scale/AS NOTED	
	Submitted by:		Plot scale: 1" = 40'	

Sheet
Reference
Number:
C-107
Sheet 6 of 10

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NOTES:
1. EXCEPT FOR THE EXISTING BULKHEAD, EXISTING STRUCTURES ARE NOT SHOWN ON THESE SECTIONS, REFER TO PLAN SHEETS C-101 THROUGH #### FOR LOCATIONS OF STRUCTURES.



PERMIT DRAWINGS	
NOT TO BE USED FOR CONSTRUCTION	
Date	Per
Description	Task

CHESAPEAKE BEACH NOURISHMENT
VIRGINIA BEACH, VA

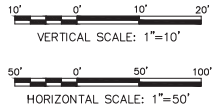
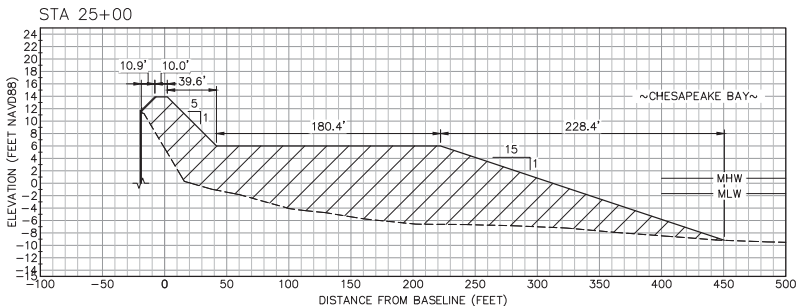
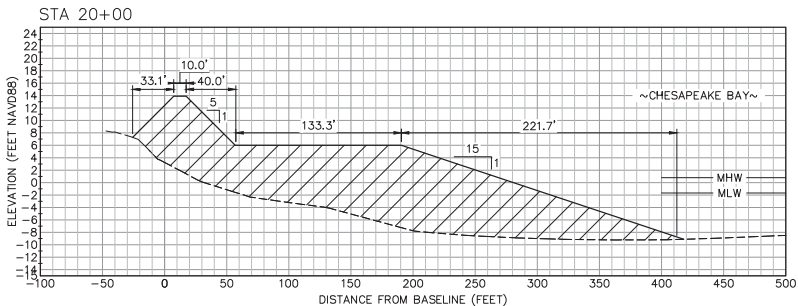
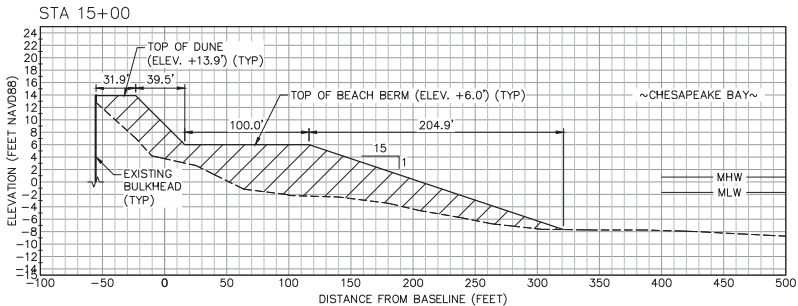
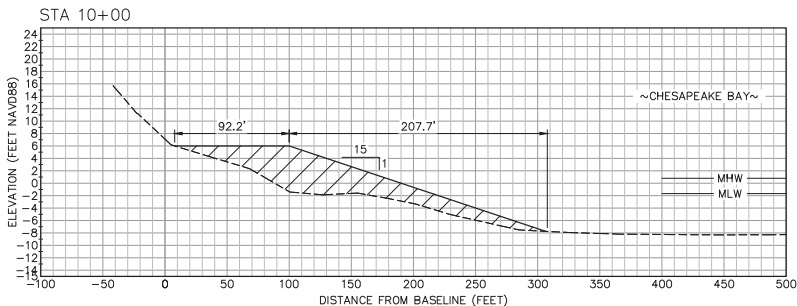
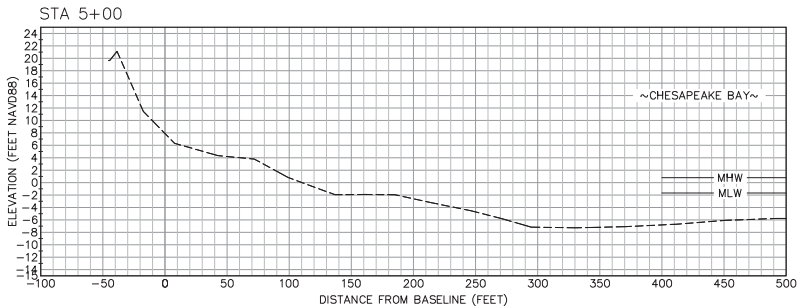
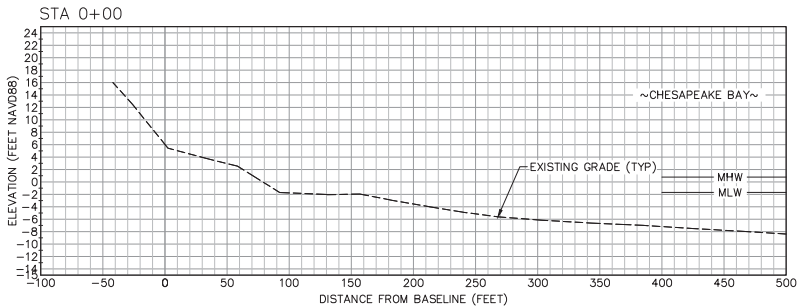
BEACH SECTIONS - SHEET 1 OF 2

Designed by:	BRJ	Drawn by:	BRJ
Checked by:	BRJ	Reviewed by:	BRJ
Submitted by:	BRJ	Submitted by:	BRJ
800 WORLD TRADE CENTER MORRISVILLE, VA 23103 757-465-4222		800 WORLD TRADE CENTER MORRISVILLE, VA 23103 757-465-4222	
mett & nichol		mett & nichol	
PREPARED FOR:	U.S. ARMY CORPS OF ENGINEERS DEPARTMENT OF PUBLIC WORKS	PREPARED FOR:	U.S. ARMY CORPS OF ENGINEERS DEPARTMENT OF PUBLIC WORKS



Sheet Reference Number:
C-301
Sheet 9 of 10

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

**PERMIT
DRAWINGS**
NOT TO BE USED FOR CONSTRUCTION

CHESAPEAKE BEACH NOURISHMENT
VIRGINIA BEACH, VA

BEACH SECTIONS - SHEET 2 OF 2

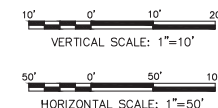
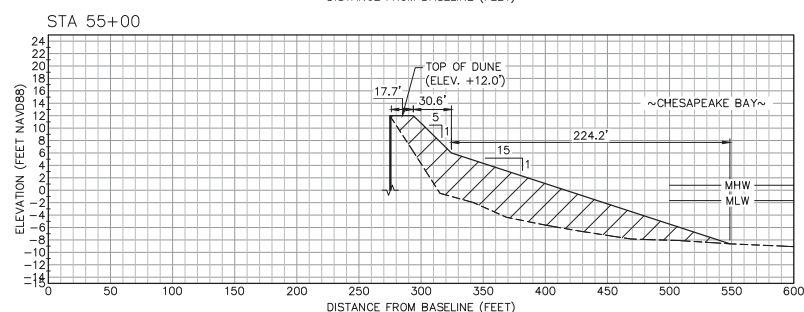
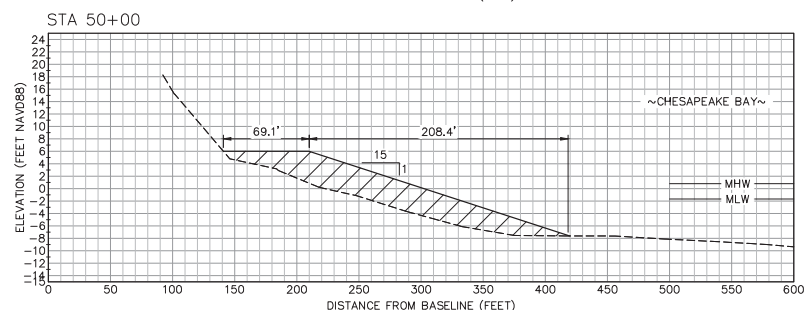
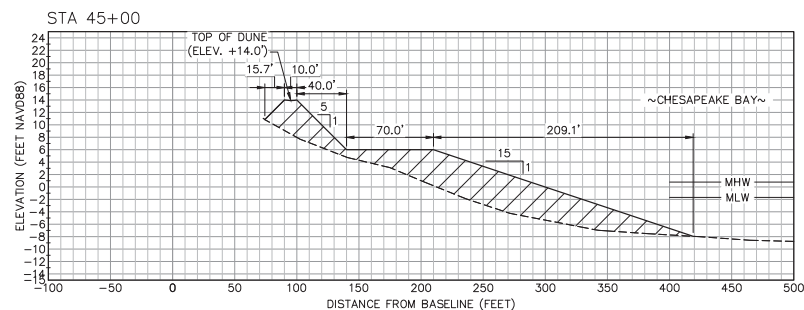
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	Drawn by: KSM	Check by: --	M&N Project No. 7849-32
Reviewed by: --	Submit by: BN	Drawing Scale: AS NOTED	Drawing Scale: 1:1 (B SHEET)
Prepared for: CITY OF VIRGINIA BEACH DEPARTMENT OF PUBLIC WORKS	Submitted by: MOFFATT & NICHOL		

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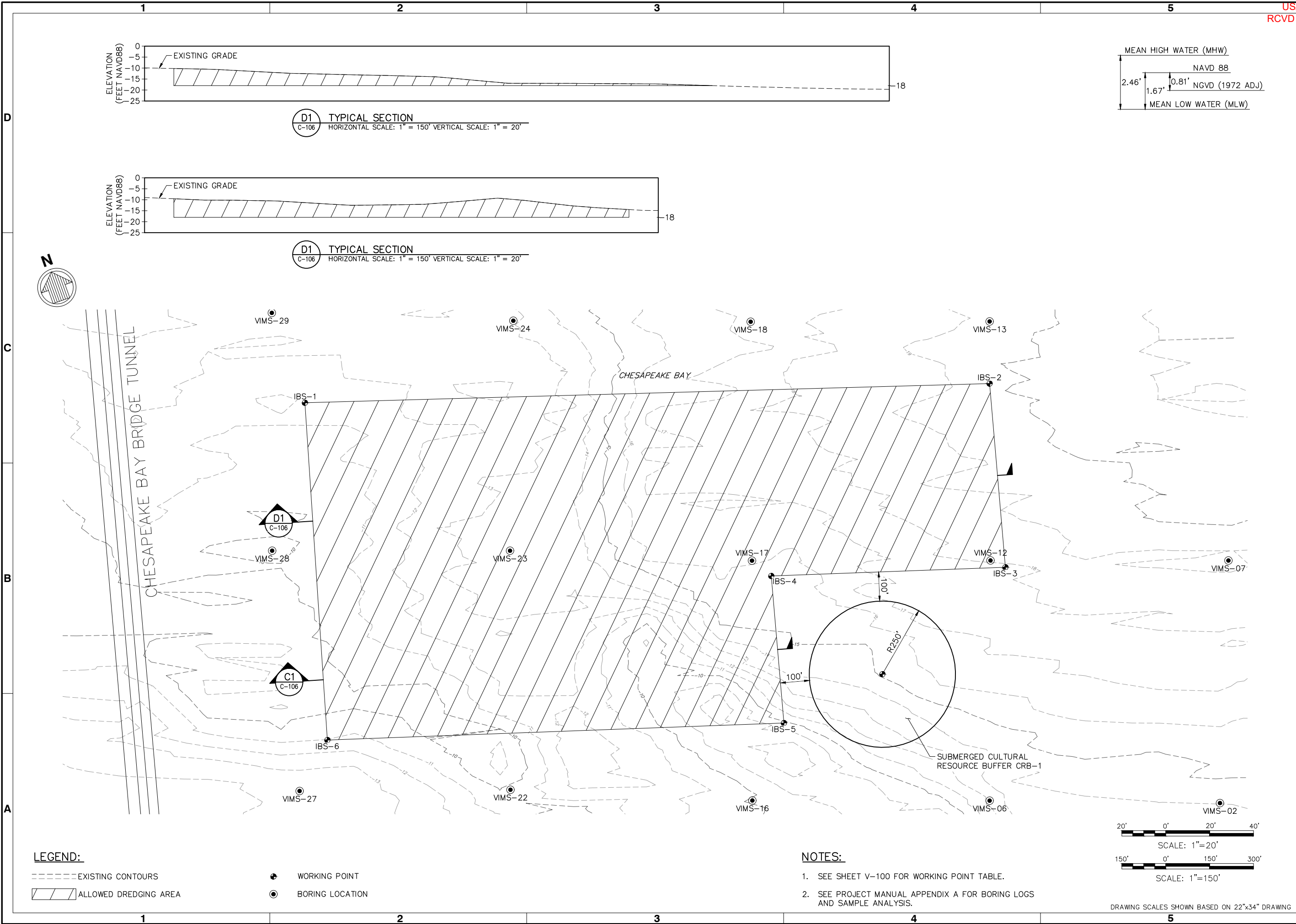
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Reference
Number:
C-302
Sheet 10 of 10

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1. EXCEPT FOR THE EXISTING BULKHEAD, EXISTING STRUCTURES ARE NOT SHOWN ON THESE SECTIONS. REFER TO PLAN SHEETS C-101 THROUGH #### FOR LOCATIONS OF STRUCTURES.



DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



USACE-NLW
RCVD 9/14/2017

65% DRAWINGS

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CHESAPEAKE BEACH NOURISHMENT
VIRGINIA BEACH, VA

BORROW AREA PLAN

800 WORLD TRADE CENTER
NORFOLK, VA 23510
757-628-8222

moftatt & nichol

DESIGNED BY: BPJ
OWN BY: GRM
DRAWN BY: RN
REVIEWED BY:

DATE: 08/23/2017
M&N PROJECT NO.: 7849-32
DRAWING CODE:

DESIGNED BY: BPJ
OWN BY: GRM
DRAWN BY: RN
REVIEWED BY:

PREPARED FOR:
CITY OF VIRGINIA BEACH
DEPARTMENT OF PUBLIC WORKS

Submitted by:
MOFFATT & NICHOL

Plot scale: 1:1 (D SHEET)

Plot scale: 1:1 (D SHEET)

Sheet
Reference
Number:
C-106
Sheet 23 of 33

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