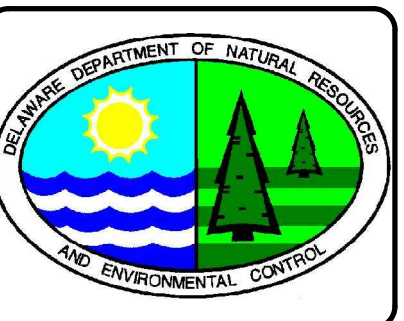
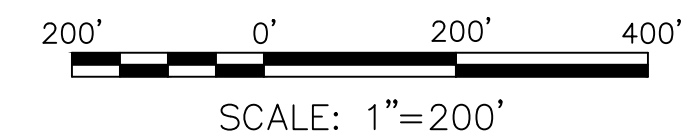


NOTES:

1. SEE SHEET G-002 FOR GENERAL NOTES AND LEGEND.
2. SEE SHEET C-101 FOR BASELINE OF CONSTRUCTION WORKING POINTS.
3. EXISTING CHANNEL SURVEY INFORMATION RECEIVED FROM CORPS OF ENGINEERS. SURVEY DATED JUNE 26, 2013.

A1 PLAN - EXISTING CONDITIONS
 G-101 SCALE: 1" = 200'



| Rev. | Date | Description | Mark |
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**MISPILLION COMPLEX PROJECT
 BEACH NOURISHMENT AND ROCK PROTECTION STRUCTURES
 MILFORD, DELAWARE**

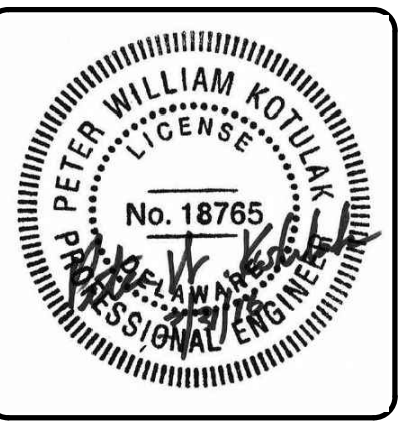
PLAN - EXISTING CONDITIONS

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| Designed by: PWK | Checked by: PWK | Reviewed by: PWK | Submitted by: MOFFATT & NICHOL |
| Date: MAR 2016 | M&N Project No. 8482-04 | Drawing code: NAT201501/MISPILLION | Drawing Scale: Plot scale: 1" (D SHEET) |

2700 LIGHTHOUSE POINT EAST,
 SUITE 501
 BALTIMORE, MD 21224
 410-563-7300

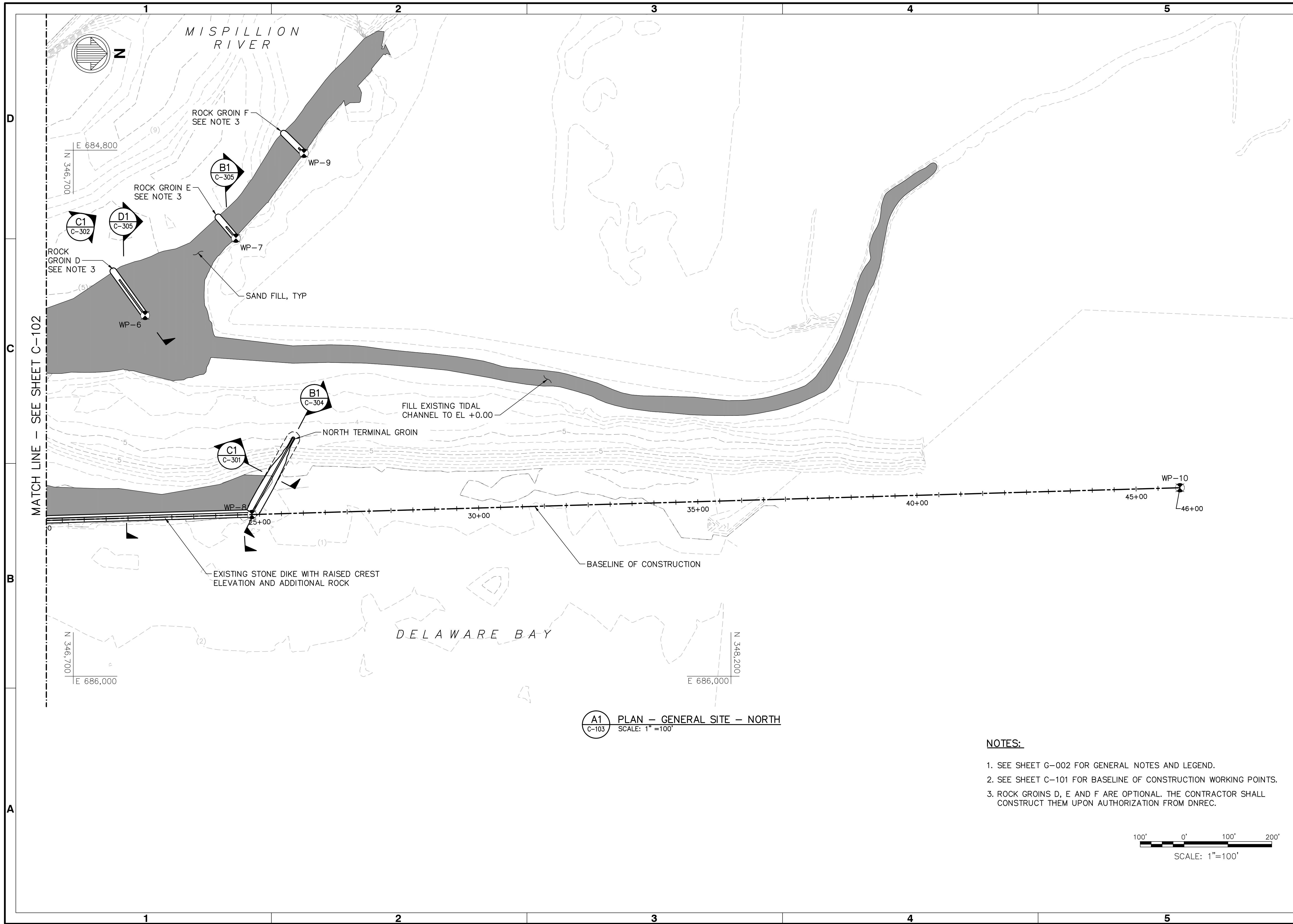
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 89 KINGS HIGHWAY
 DOVER, DE 19901



Sheet
 Reference No.
G-101
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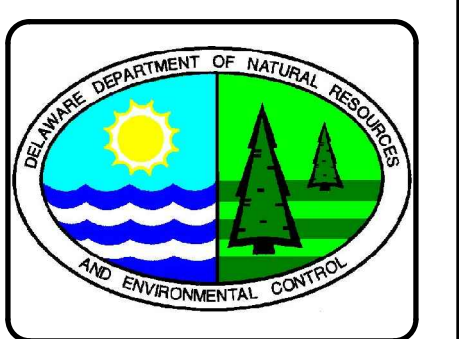
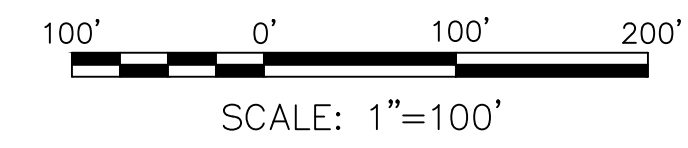
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A1
C-103 PLAN - GENERAL SITE - NORTH
SCALE: 1"=100'

NOTES:

- SEE SHEET G-002 FOR GENERAL NOTES AND LEGEND.
- SEE SHEET C-101 FOR BASELINE OF CONSTRUCTION WORKING POINTS.
- ROCK GROINS D, E AND F ARE OPTIONAL. THE CONTRACTOR SHALL CONSTRUCT THEM UPON AUTHORIZATION FROM DNREC.



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MISPILLION COMPLEX PROJECT
BEACH NOURISHMENT AND ROCK PROTECTION STRUCTURES
MILFORD, DELAWARE

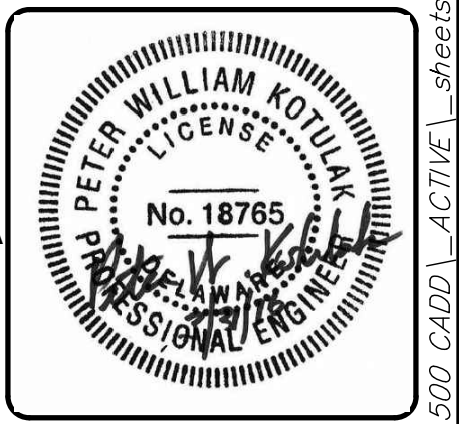
PLAN - GENERAL SITE - NORTH

| | | |
|-----------------------------------|---------------------------------------|---------------------------|
| Designed by: PWK | Date: MAR 2016 | Rev. 1 |
| Dwn by: WRF/MSS | M&N Project No. 8482-04 | |
| Reviewed by: PWK | Drawing code: NAT201501/MISPILLION | |
| Submitted by: MOFFATT & NICHOL | Drawing Scale: As Shown | Plot scale: 1:1 (0 SHEET) |

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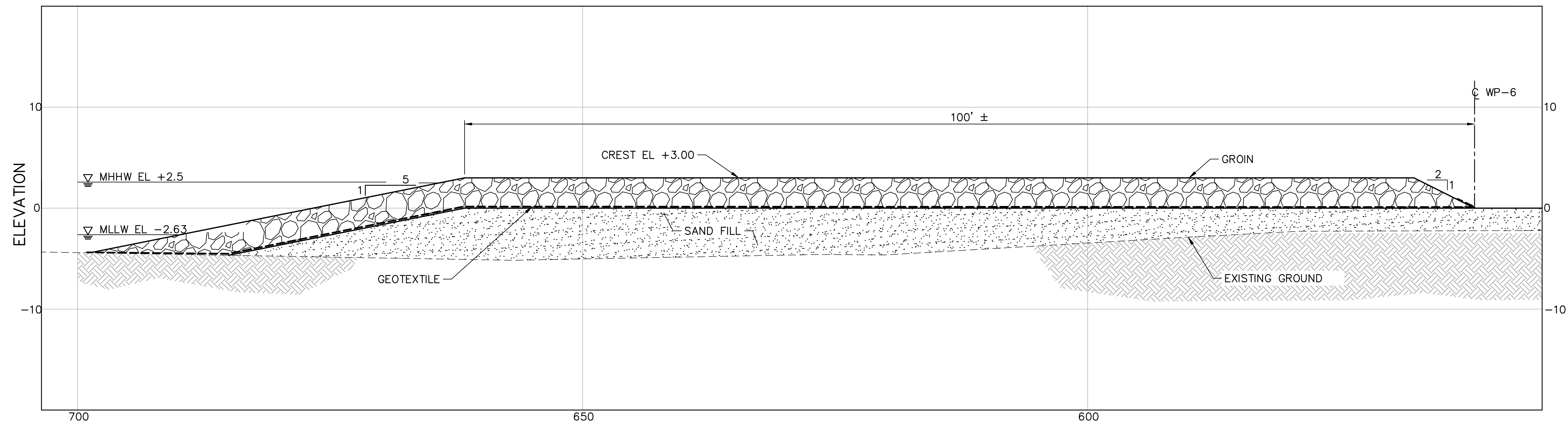
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DOVER, DE 19901



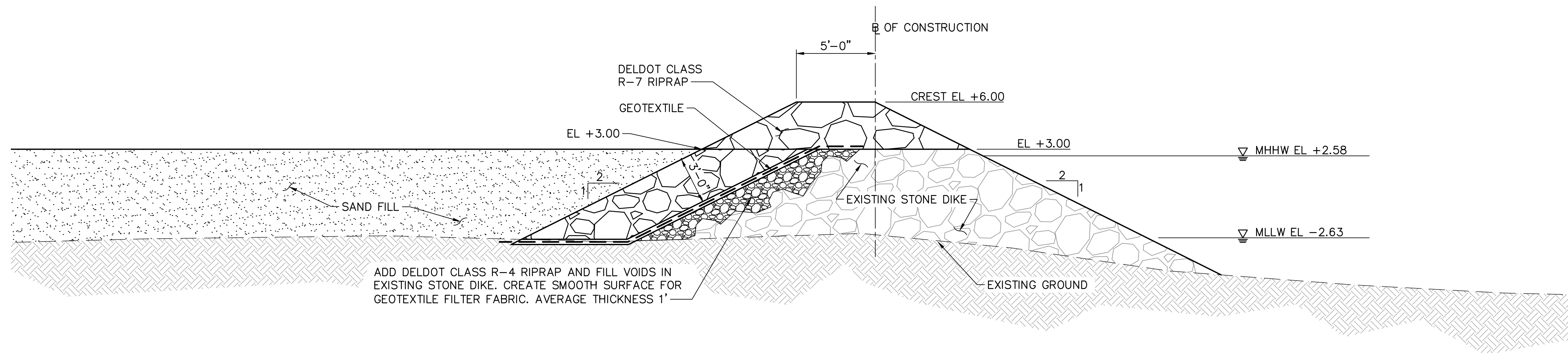
Sheet
Reference No.
C-103
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NOTE:
DISTANCE SHOWN TO STONE DIKE BASELINE AT 56' ±

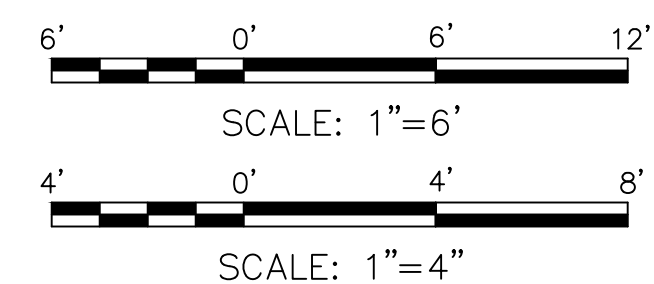
C1 PROFILE – GROIN "D" AT SAND FILL
C-103 SCALE: 1" = 6'-0"



A1 SECTION – TYPICAL STONE DIKE REHABILITATION
C-102 SCALE: 1" = 4'-0"

NOTES

- SEE SHEET G-002 FOR GENERAL NOTES AND LEGEND.
- SEE SHEET C-101 FOR BASELINE OF CONSTRUCTION WORKING POINTS.



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MILFORD, DELAWARE

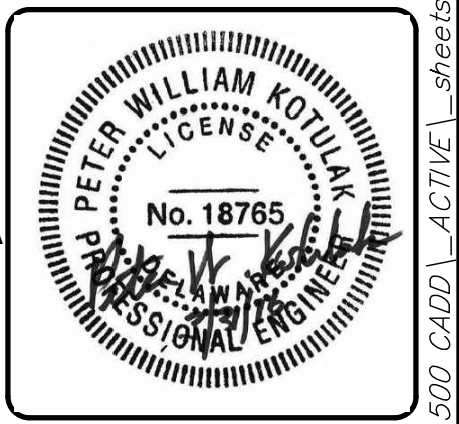
SECTIONS - TYPICAL GROIN
SHEET 2 OF 2

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| Designed by: PWK | Date: MAR 2016 | Rev. 1 |
| Drawn by: WRF/MSS | M&N Project No. 8482-04 | |
| Checked by: PWK | Drawing code: NAT201501/MISPILLION | |
| Reviewed by: PWK | Drawing Scale: As Shown | |
| Submitted by: MOFFATT & NICHOL | Plot scale: 1:1 (0 SHEET) | |

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MISPILLION COMPLEX PROJECT
 BEACH NOURISHMENT AND ROCK PROTECTION STRUCTURES
 MILFORD, DELAWARE

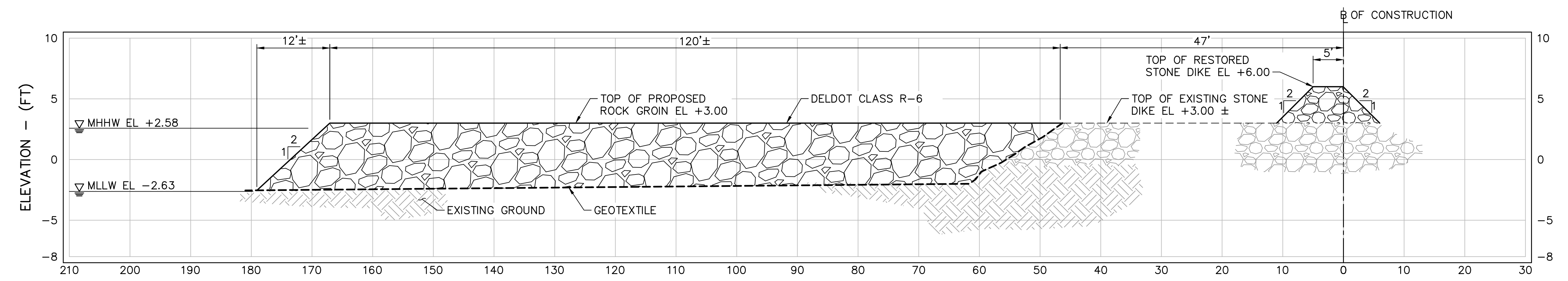
PROFILES - BEACH FILL
SHEET 1 OF 2

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|---------------------|----------------------------|---------------------------------------|---|
| Designed by: PWK | Drawn by: WRF/MSS | Reviewed by: PWK | Submitted by: MOFFATT & NICHOL |
| Date: MAR 2016 | M&N Project No. 8482-04 | Drawing code: NAT201501/MISPILLION | Drawing Scale: Plot scale: 1:1 (0 SHEET) |

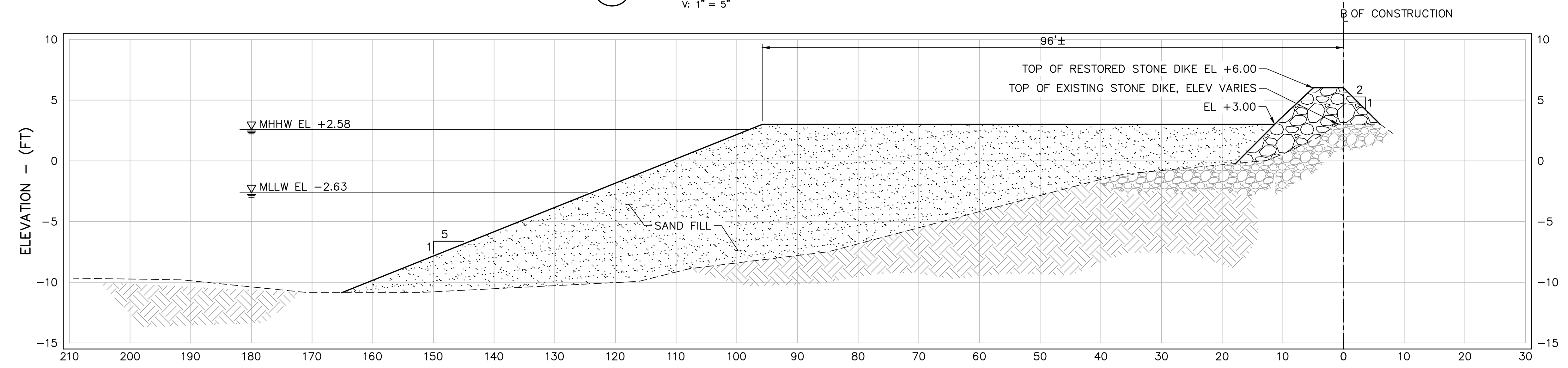
2700 LIGHTHOUSE POINT EAST,
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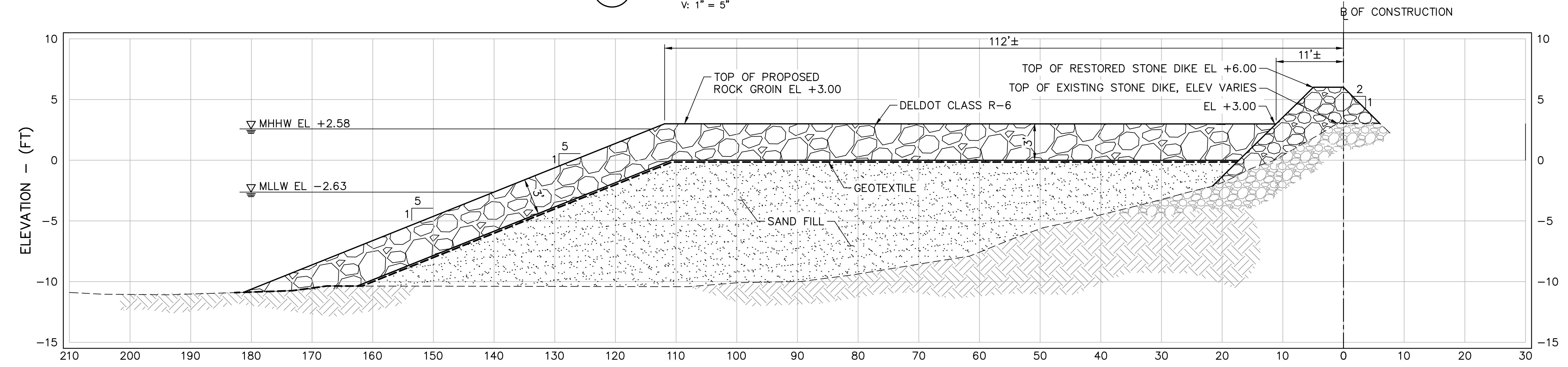
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D1 PROFILE - SOUTH TERMINAL GROIN
 C-102 SCALE: H: 1" = 10'
 V: 1" = 5"



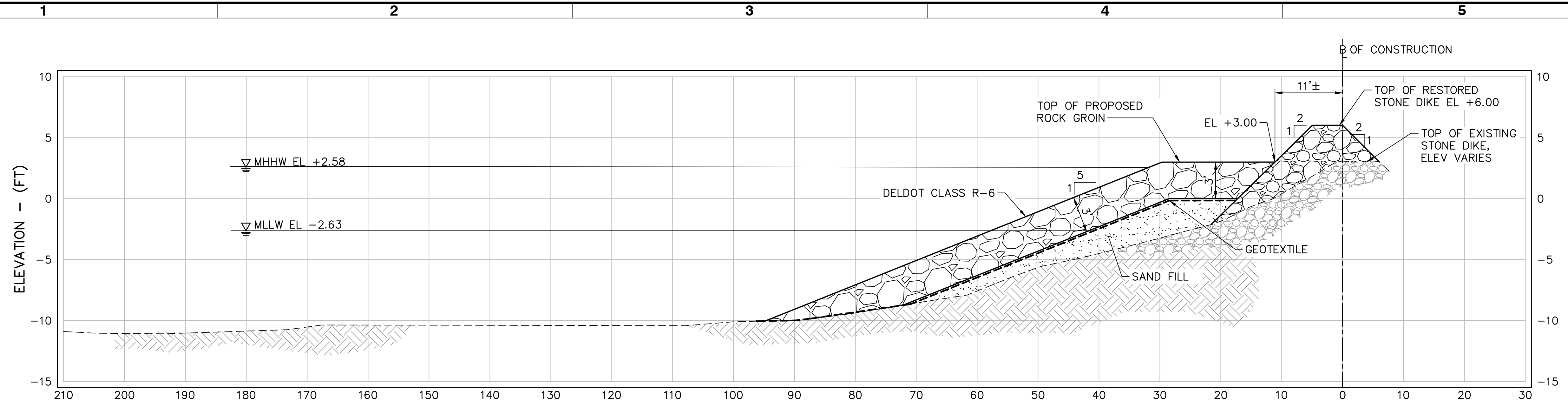
B1 PROFILE - TYPICAL BEACH FILL
 C-102 SCALE: H: 1" = 10'
 V: 1" = 5"



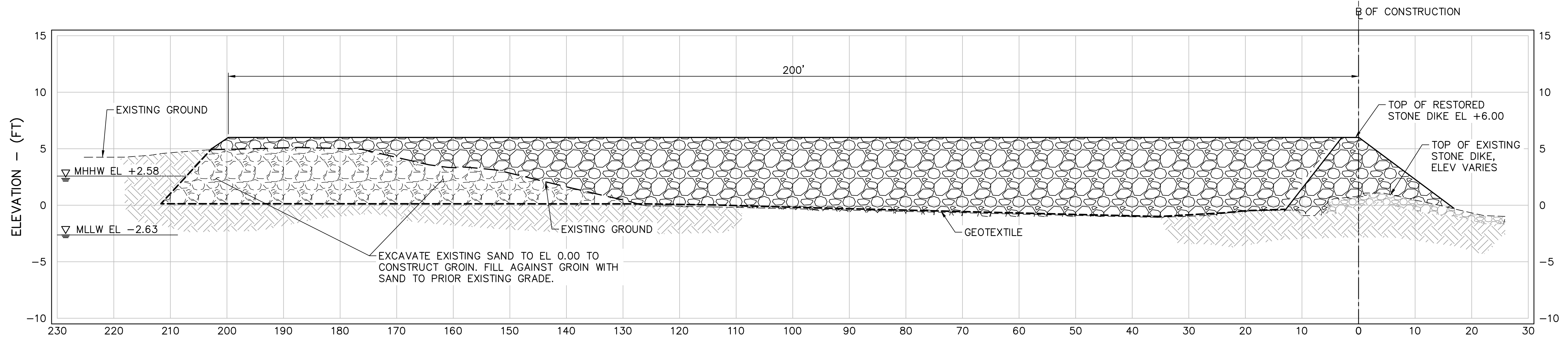
A1 PROFILE - TYPICAL GROIN A & C ON BEACH FILL
 C-102 SCALE: H: 1" = 10'
 V: 1" = 5"

- NOTES:**
- SEE SHEET G-002 FOR GENERAL NOTES AND LEGEND.
 - SEE SHEET C-101 FOR BASELINE OF CONSTRUCTION WORKING POINTS.



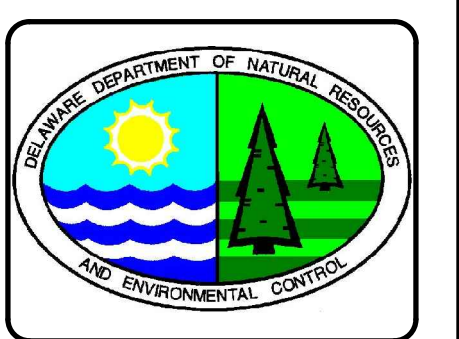


C1 PROFILE -- TYPICAL GROIN B ON BEACH FILL
 C-102 SCALE: H: 1" = 10'
 V: 1" = 5'



B1 PROFILE -- NORTH TERMINAL GROIN
 C-103 SCALE: H: 1" = 10'
 V: 1" = 5'

- NOTES:**
1. SEE SHEET G-002 FOR GENERAL NOTES AND LEGEND.
 2. SEE SHEET C-101 FOR BASELINE OF CONSTRUCTION WORKING POINTS.



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MISPILLION COMPLEX PROJECT
 BEACH NOURISHMENT AND ROCK PROTECTION STRUCTURES
 MILFORD, DELAWARE

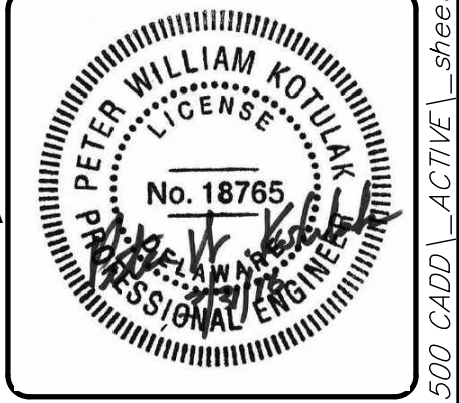
**PROFILES - BEACH FILL
 SHEET 2 OF 2**

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| Designed by: PWK | Date: MAR 2016 | Rev. 1 |
| Dwn by: WRF/MSS | M&N Project No. 8482-04 | |
| Reviewed by: PWK | Drawing code: NAT201501/MISPILLION | |
| Submitted by: MOFFATT & NICHOL | Drawing Scale: As Shown | Plot scale: 1" (0 SHEET) |

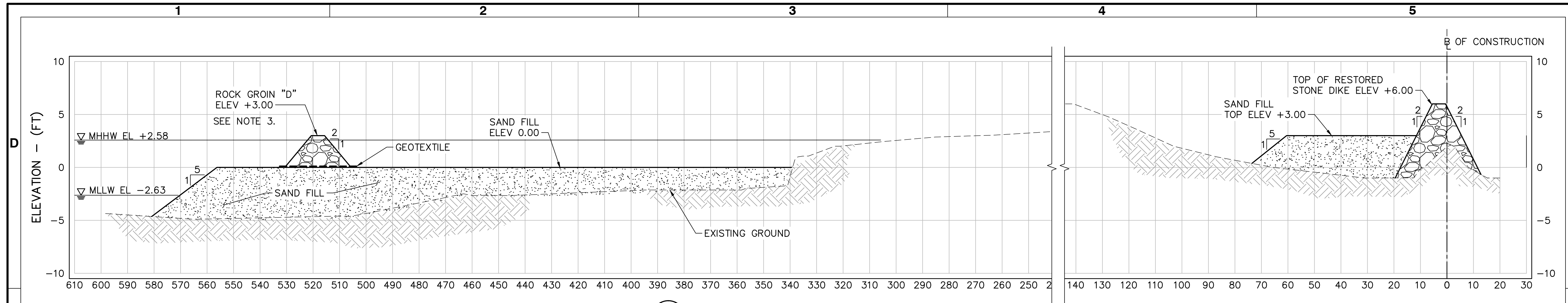
2700 LIGHTHOUSE POINT EAST,
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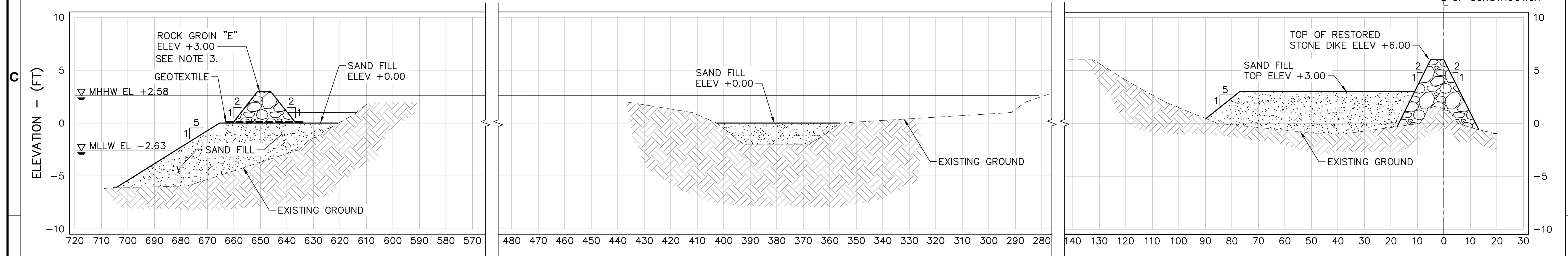
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 DOVER, DE 19901



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C-304
 INDEX: 10 OF 16



D1 SECTION - BEACH FILL AT GROIN "D"
 C-103 SCALE: H: 1" = 20'
 V: 1" = 5'



B1 SECTION - BEACH FILL AT GROIN "E"
 C-103 SCALE: H: 1" = 20'
 V: 1" = 5'

- NOTES:**
- SEE SHEET G-002 FOR GENERAL NOTES AND LEGEND.
 - SEE SHEET C-101 FOR BASELINE OF CONSTRUCTION WORKING POINTS.
 - ROCK GROINS D AND E ARE OPTIONAL. THE CONTRACTOR SHALL CONSTRUCT THEM UPON AUTHORIZATION FROM DNREC.



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MISPILLION COMPLEX PROJECT
 BEACH NOURISHMENT AND ROCK PROTECTION STRUCTURES
 MILFORD, DELAWARE

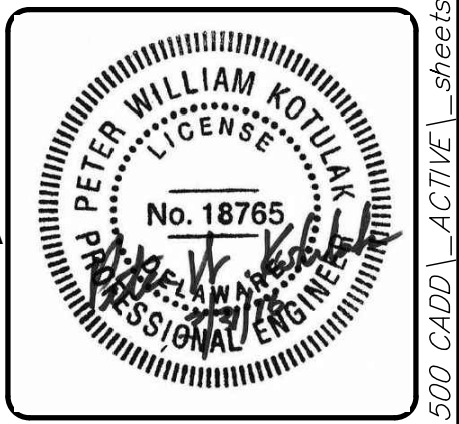
SECTIONS - BEACH FILL

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| Designed by: PWK | Checked by: WRF/MSS | Reviewed by: PWK | Submitted by: MOFFATT & NICHOL |
| Date: MAR 2016 | M&N Project No. 8482-04 | Drawing code: NAT201501/MISPILLION | Drawing Scale: Plot scale: 1:1 (0 SHEET) |

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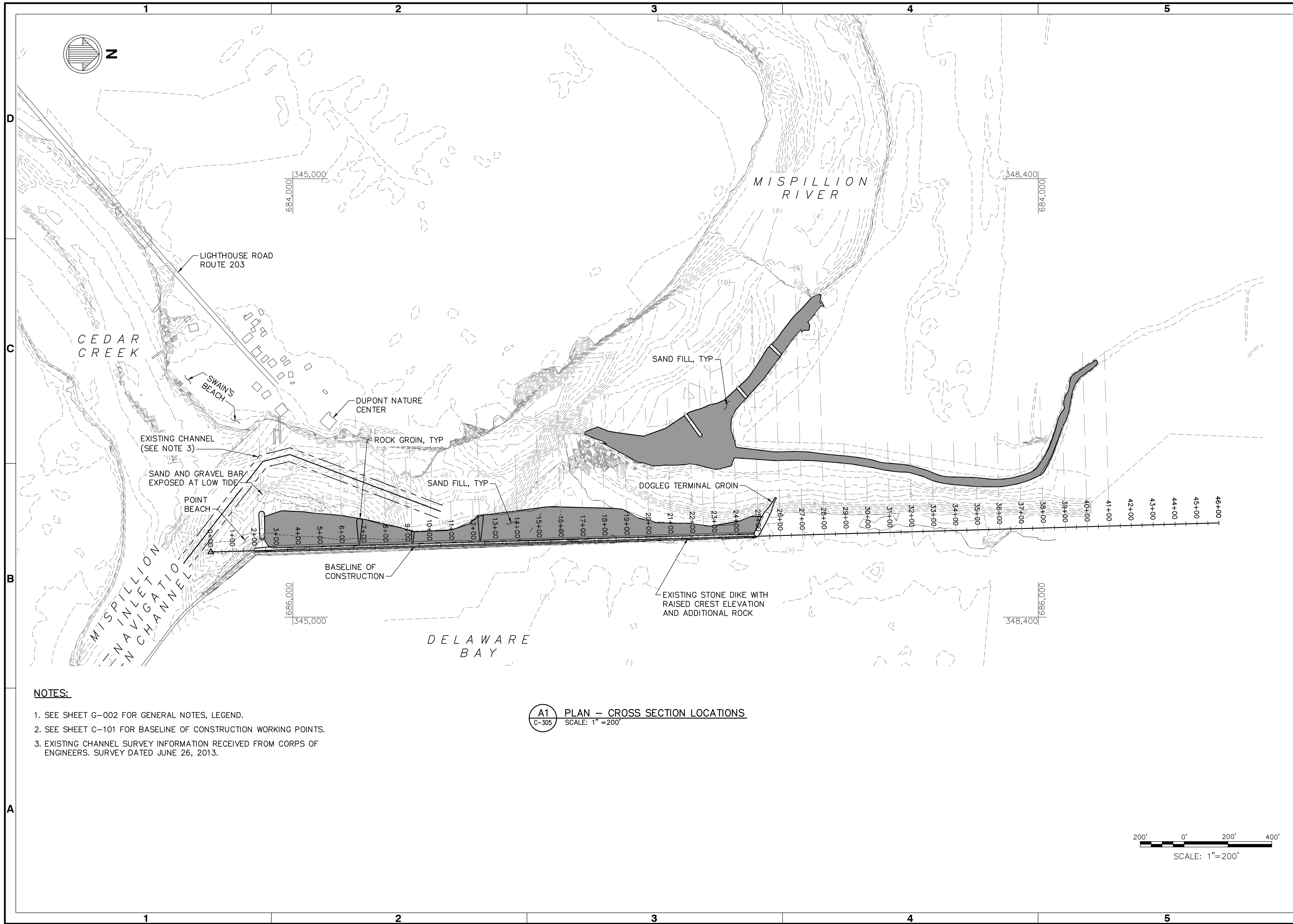
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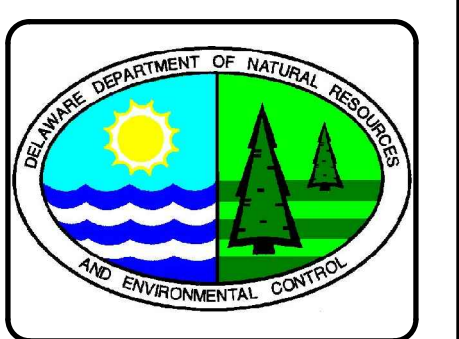
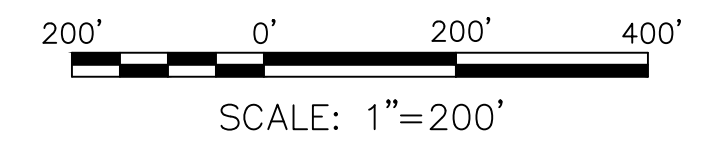
Sheet Reference No.
C-305
 INDEX: 11 OF 16

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- NOTES:**
- SEE SHEET G-002 FOR GENERAL NOTES, LEGEND.
 - SEE SHEET C-101 FOR BASELINE OF CONSTRUCTION WORKING POINTS.
 - EXISTING CHANNEL SURVEY INFORMATION RECEIVED FROM CORPS OF ENGINEERS. SURVEY DATED JUNE 26, 2013.

A1 PLAN - CROSS SECTION LOCATIONS
 C-305 SCALE: 1" = 200'



| Mark | Description | Date | Appr. |
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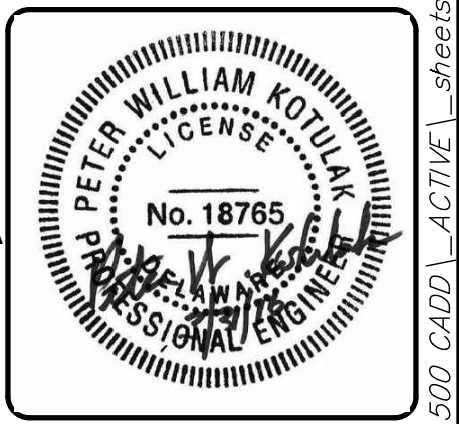
**MISPILLION COMPLEX PROJECT
 BEACH NOURISHMENT AND ROCK PROTECTION STRUCTURES
 MILFORD, DELAWARE**

PLAN - CROSS SECTION LOCATIONS

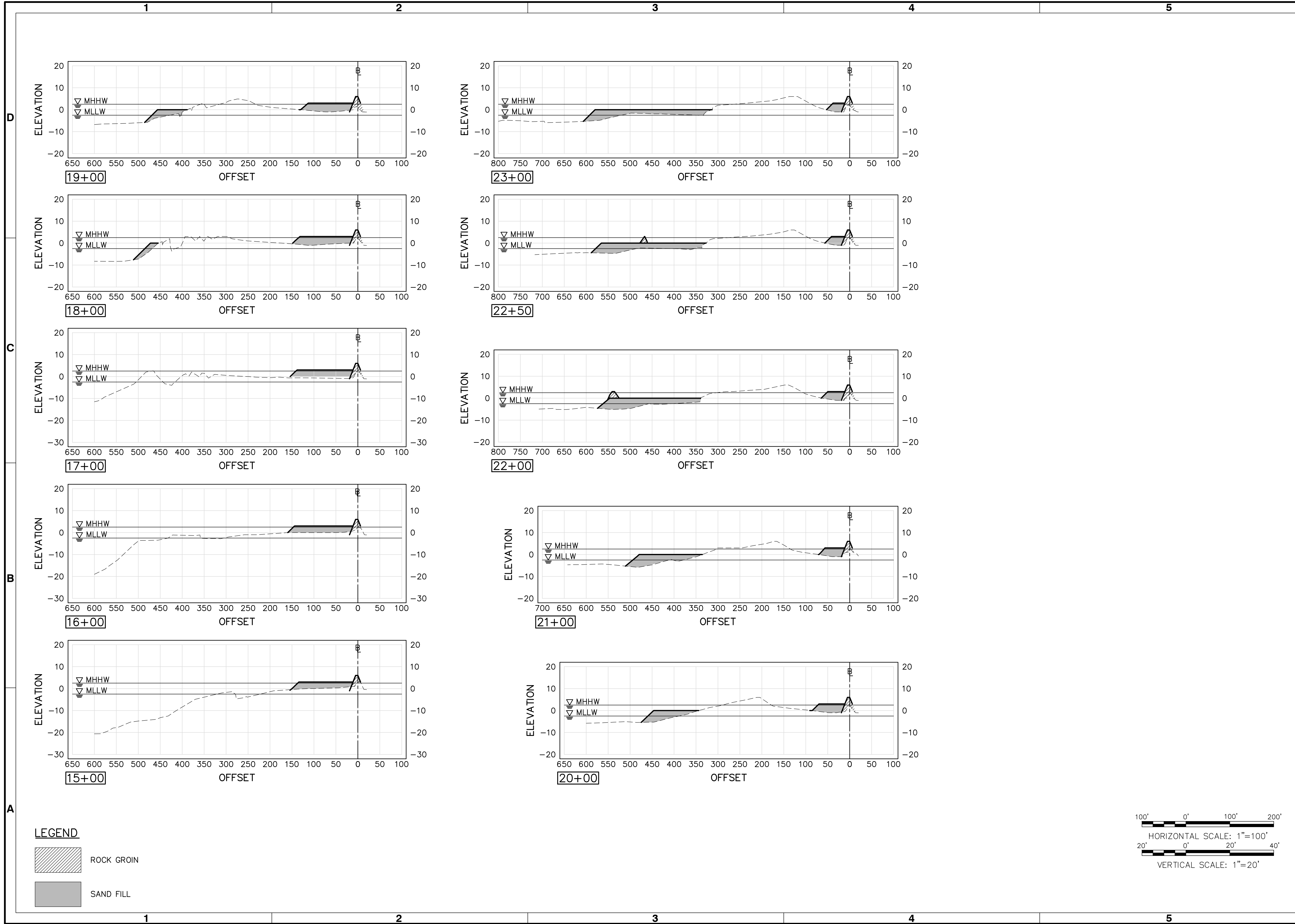
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| Dwn by: WRF/MSS | M&N Project No. 8482-04 | |
| Reviewed by: PWK | Drawing code: NAT201501/MISPILLION | |
| Submitted by: MOFFATT & NICHOL | Drawing Scale: Plot scale: 1" (D SHEET) | |

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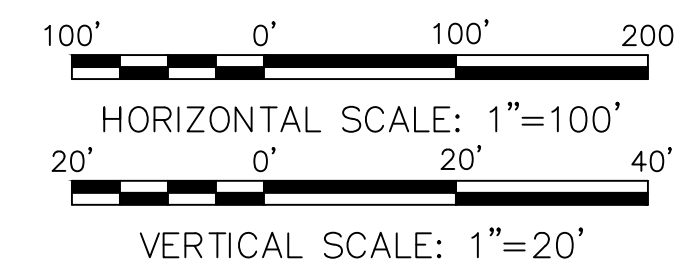
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LEGEND

ROCK GROIN

SAND FILL



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 BEACH NOURISHMENT AND ROCK PROTECTION STRUCTURES
 MILFORD, DELAWARE

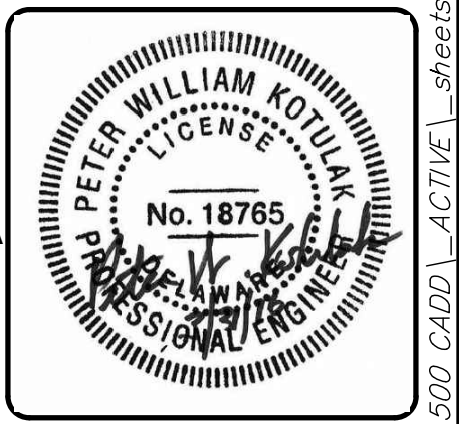
**CROSS SECTIONS
 SHEET 2 OF 4**

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| Reviewed by: PWK | Submitted by: MOFFATT & NICHOL | Drawing code: | NAT201501/MISPILLION |
| Drawing Scale: | | Plot scale: 1" (0 SHEET) | |

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