

Project site directions, from Nags Head, NC:
Follow NC-12 S/Cape Hatteras National Park Hwy South.
Continue to follow NC-12 S for 47.2 miles to the Village of Buxton or to the old Cape Hatteras Lighthouse.
North project limit is on beach side of Old Lighthouse Road and extends south toward Cape Point. South project limit is in the vicinity of the old Cape Hatteras Lighthouse location.



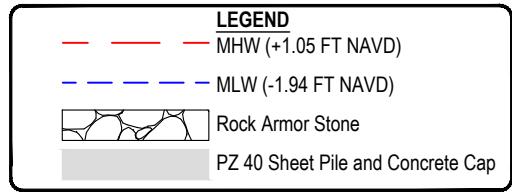
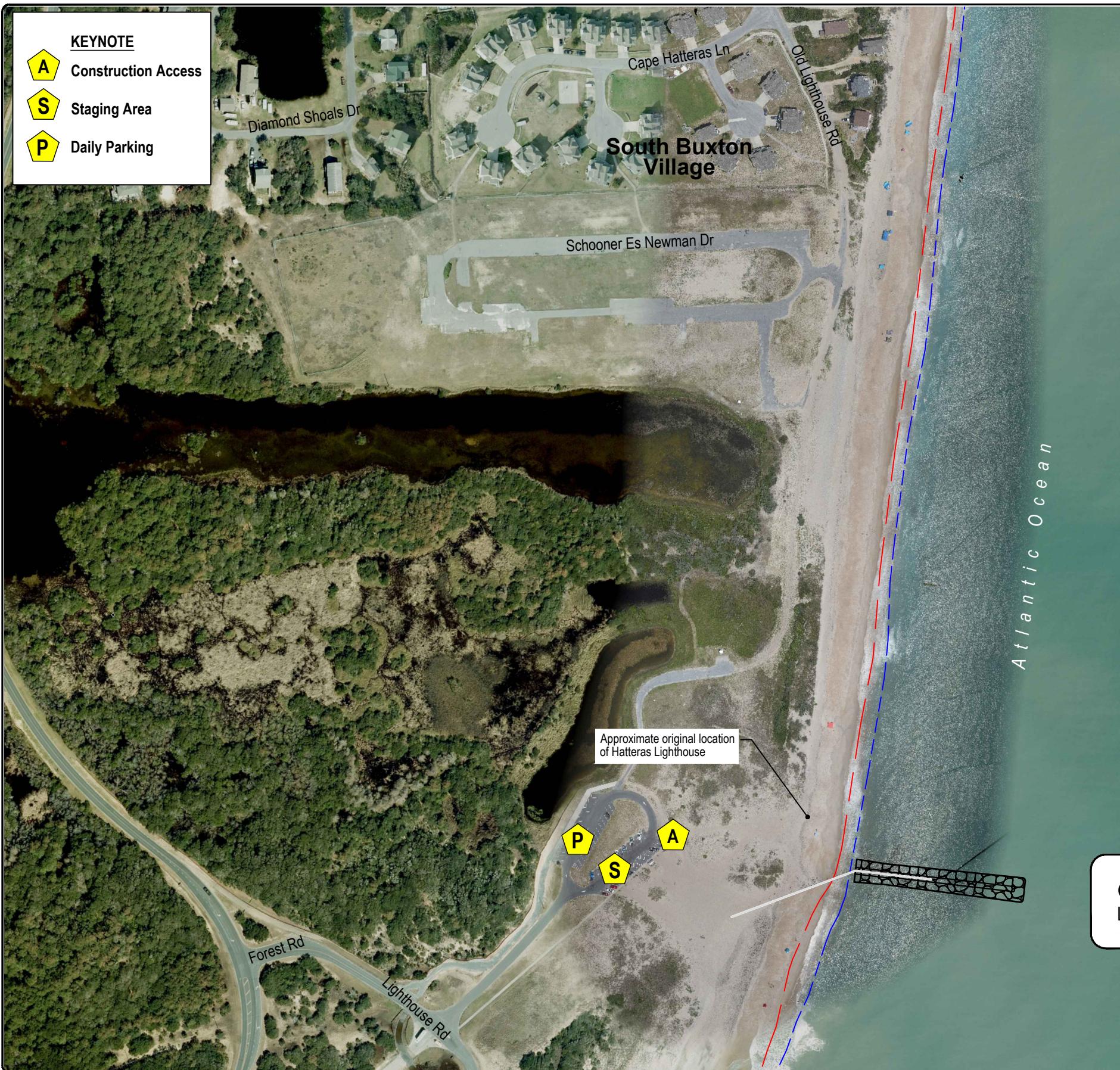
Applicant:
Dare County
954 Marshall Collins Dr.
Manteo, NC 27954

Project:
Buxton Groat Repair
Dare County, NC

Drawing Title:
Project Location & Vicinity Map

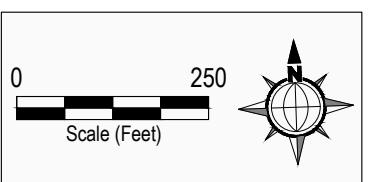
SCALE: AS SHOWN
DATE: November 2025
DRAWN BY: SF
APPROVED BY:
PROJECT #: 2640

01



Note:

1. Engineer will provide survey control and verify final placement and alignment of groin sheets.
2. Plan view of groin repair shown is based off a typical section on Sheet 05 and is subject to change before construction.
3. Additional details and cross sections are provided in Sheets 03 to 07.



Survey Datum:
Horizontal: SPCS NAD '83 (Feet) NC Zone 3200

Vertical: NAVD '88 (Feet)

Notes: Data collected by Coastal Science & Engineering, Inc via RTK GPS
Image: CSE Orthographic Photo 6/26/25



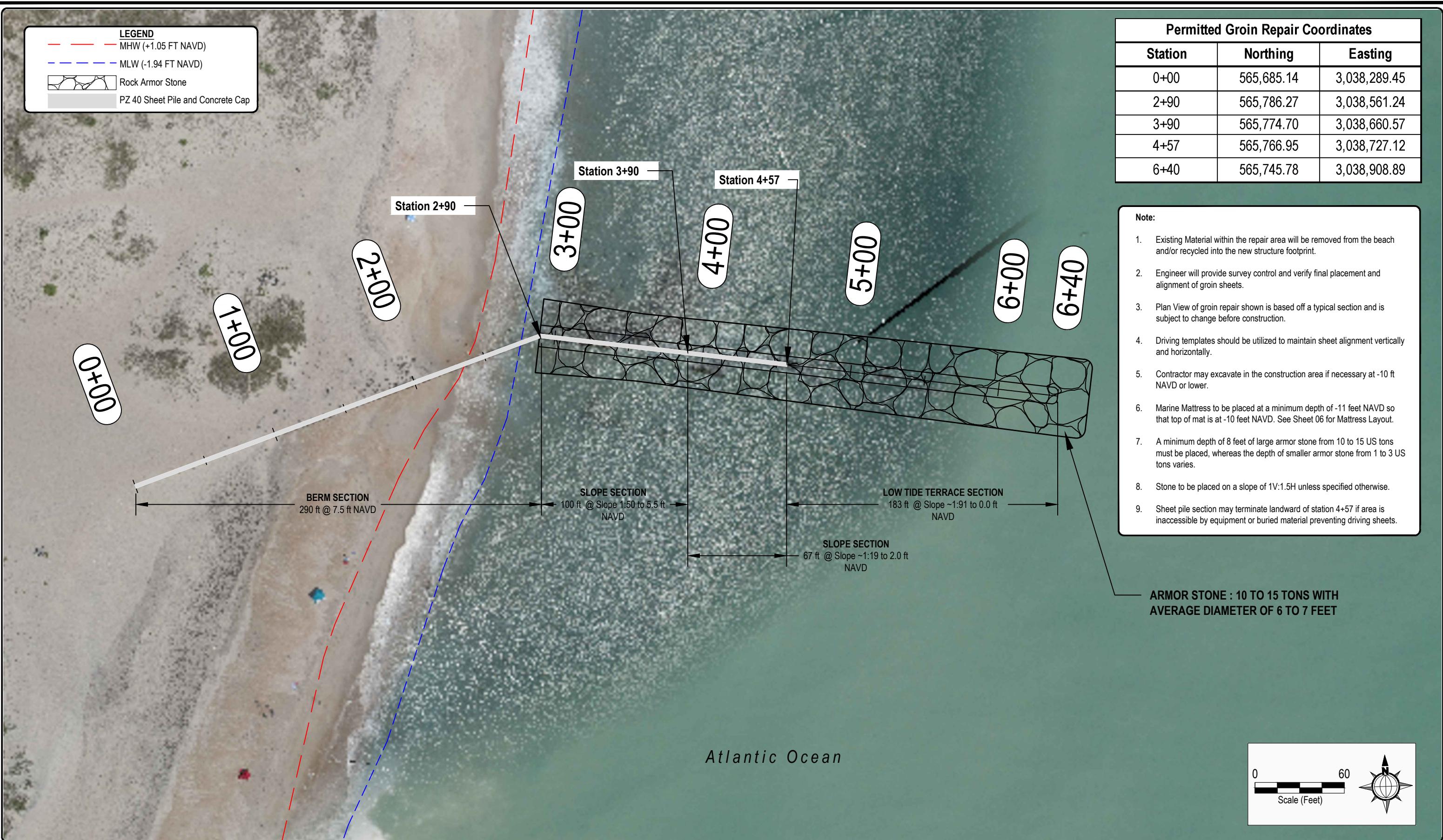
Applicant:
Dare County
954 Marshall Collins Dr.
Manteo, NC 27954

Project:
Buxton Groin Repair
Dare County, NC

Drawing Title:
Plan View of Site

DATE: November 2025
DRAWN BY: SF
APPROVED BY:
PROJECT #: 2640

02



Survey Datum:
 Horizontal: SPCS NAD '83 (Feet) NC Zone 3200
 Vertical: NAVD '88 (Feet)
 Notes: Data collected by Coastal Science & Engineering, Inc via RTK GPS
 Image: CSE Orthographic Photo 6/26/25



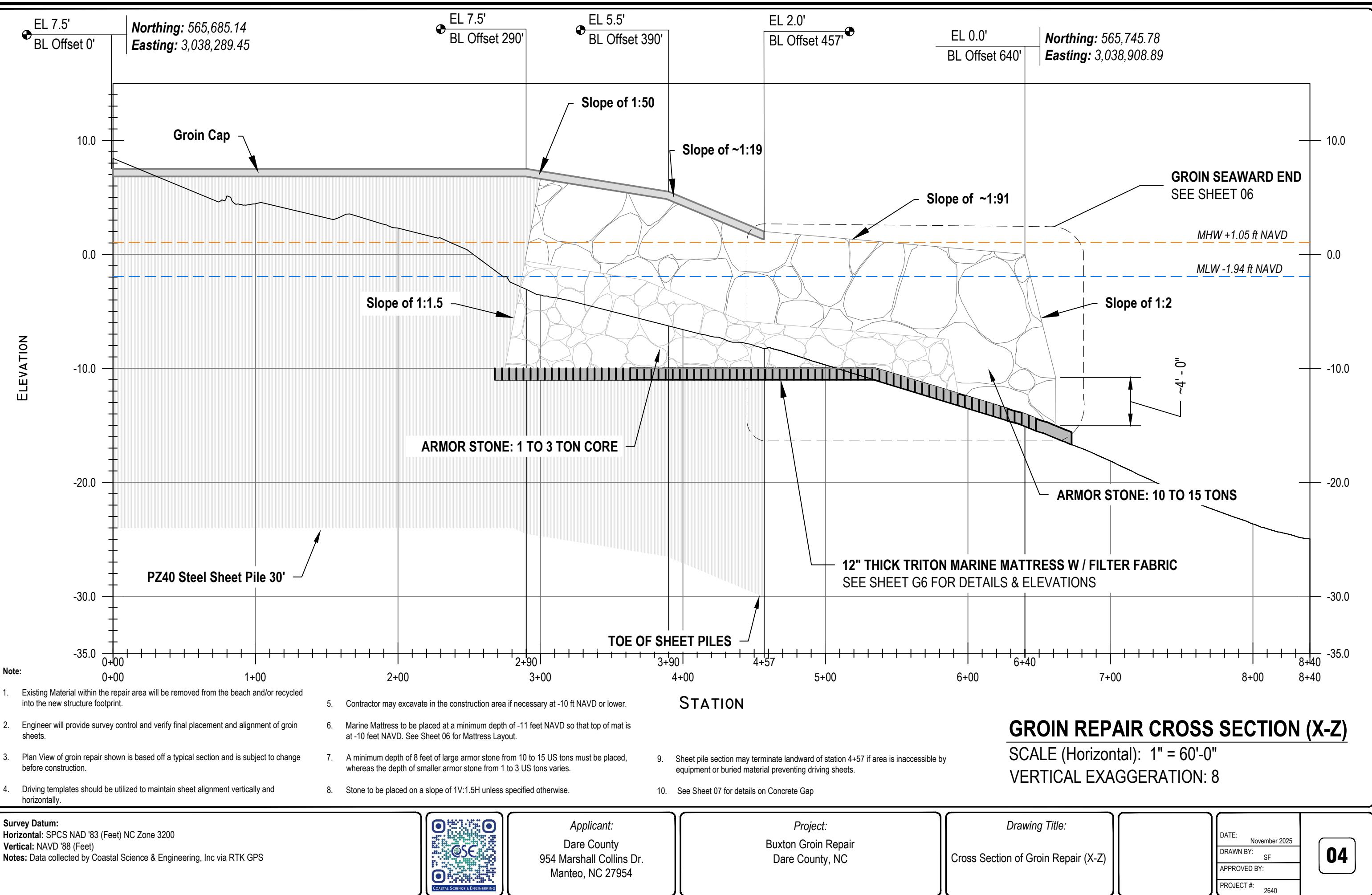
Applicant:
 Dare County
 954 Marshall Collins Dr.
 Manteo, NC 27954

Project:
 Buxton Groin Repair
 Dare County, NC

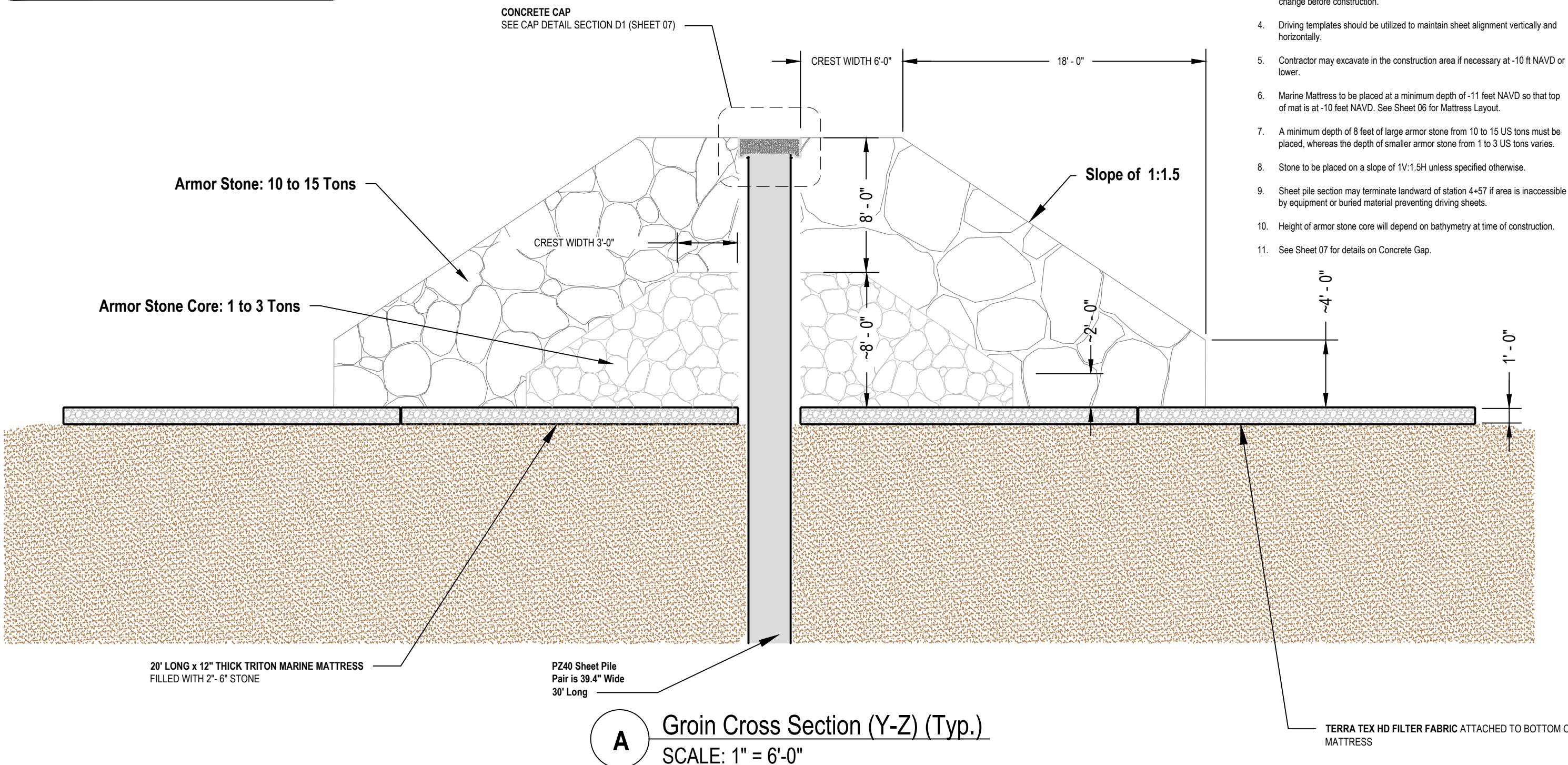
Drawing Title:
 Plan View of Groin Repair

DATE: November 2025
 DRAWN BY: SF
 APPROVED BY:
 PROJECT #: 2640

03



FINAL STRUCTURE ELEVATIONS ARE RELATIVE TO THE TOP CORNER OF THE CONCRETE CAP NOT THE TOP OF SHEETS.



Survey Datum:
Horizontal: SPCS NAD '83 (Feet) NC Zone 3200
Vertical: NAVD '88 (Feet)

Notes: Data collected by Coastal Science & Engineering, Inc via RTK GPS



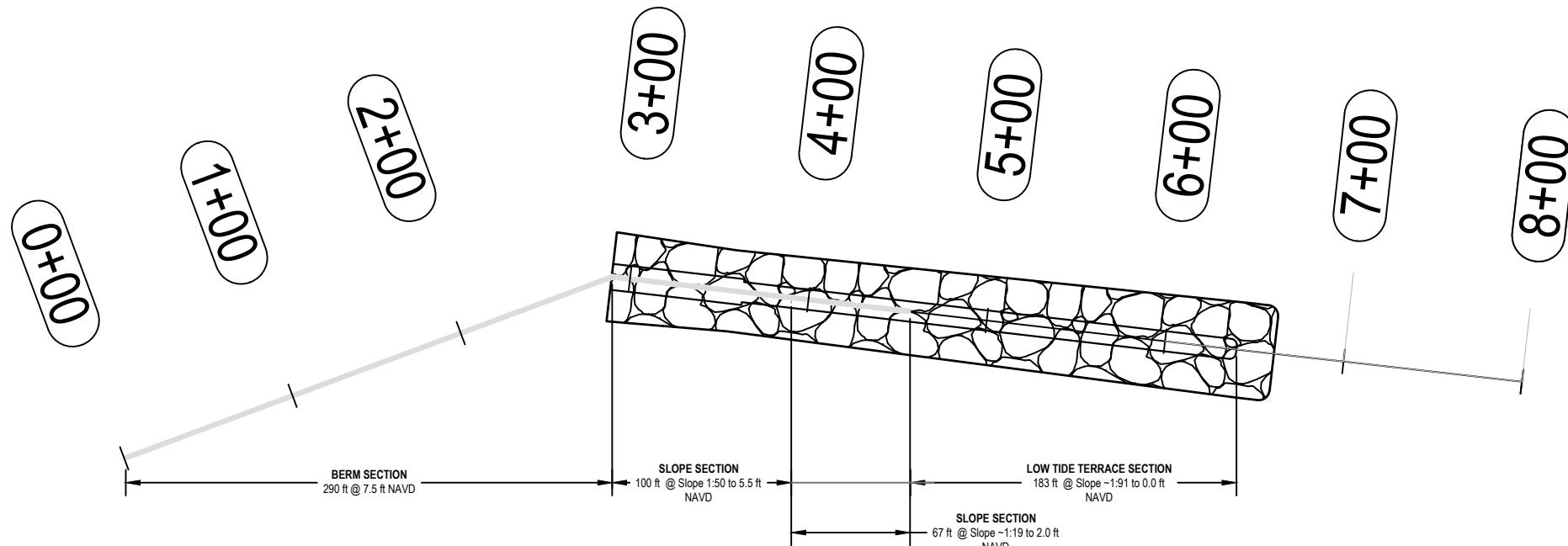
Applicant:
Dare County
954 Marshall Collins Dr.
Manteo, NC 27954

Project:
Buxton Groin Repair
Dare County, NC

Drawing Title:
Cross Section of Groin Repair (Y-Z)

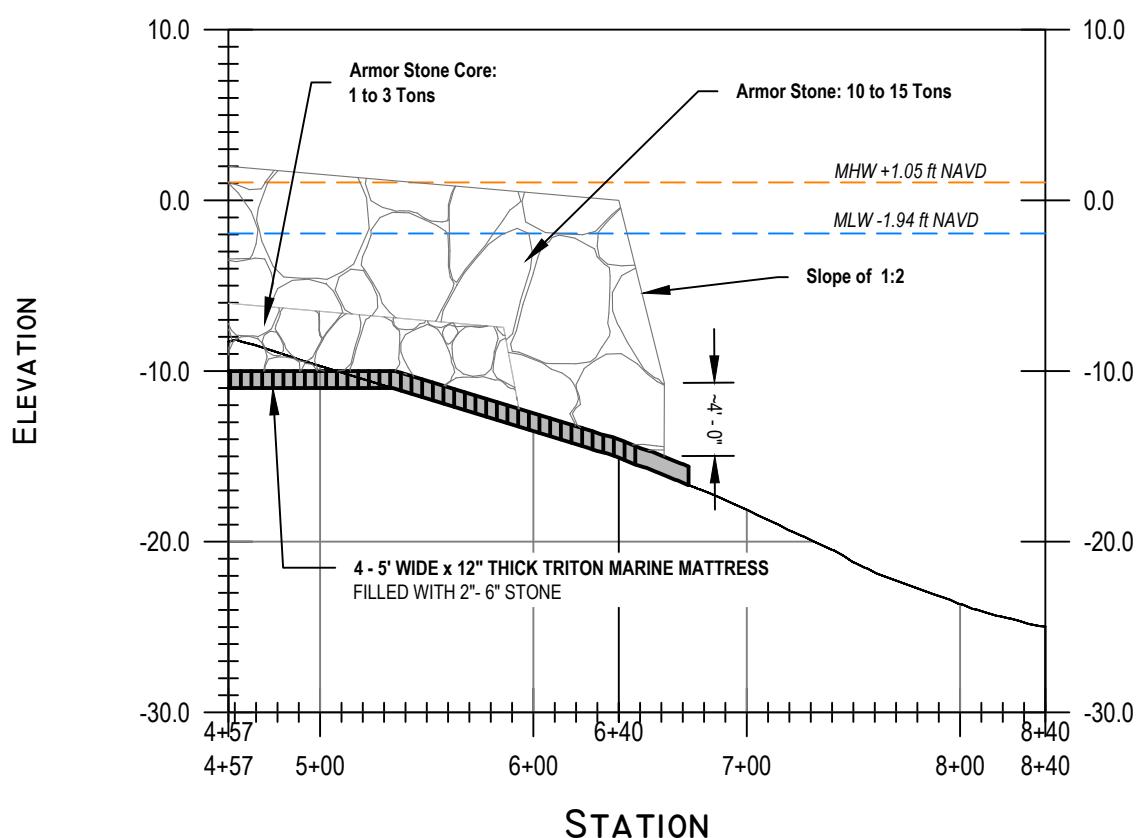
DATE: November 2025
DRAWN BY: SF
APPROVED BY:
PROJECT #: 2640

05



GROIN REPAIR PLAN MAP

SCALE (Horizontal): 1" = 90'-0"



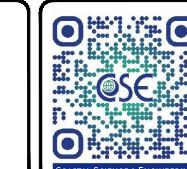
GROIN REPAIR END SECTION (X-Z)

SCALE (Horizontal): 1" = 90'-0"

VERTICAL EXAGGERATION: 8

Survey Datum:
Horizontal: SPCS NAD '83 (Feet) NC Zone 3200
Vertical: NAVD '88 (Feet)

Notes: Data collected by Coastal Science & Engineering, Inc via RTK GPS



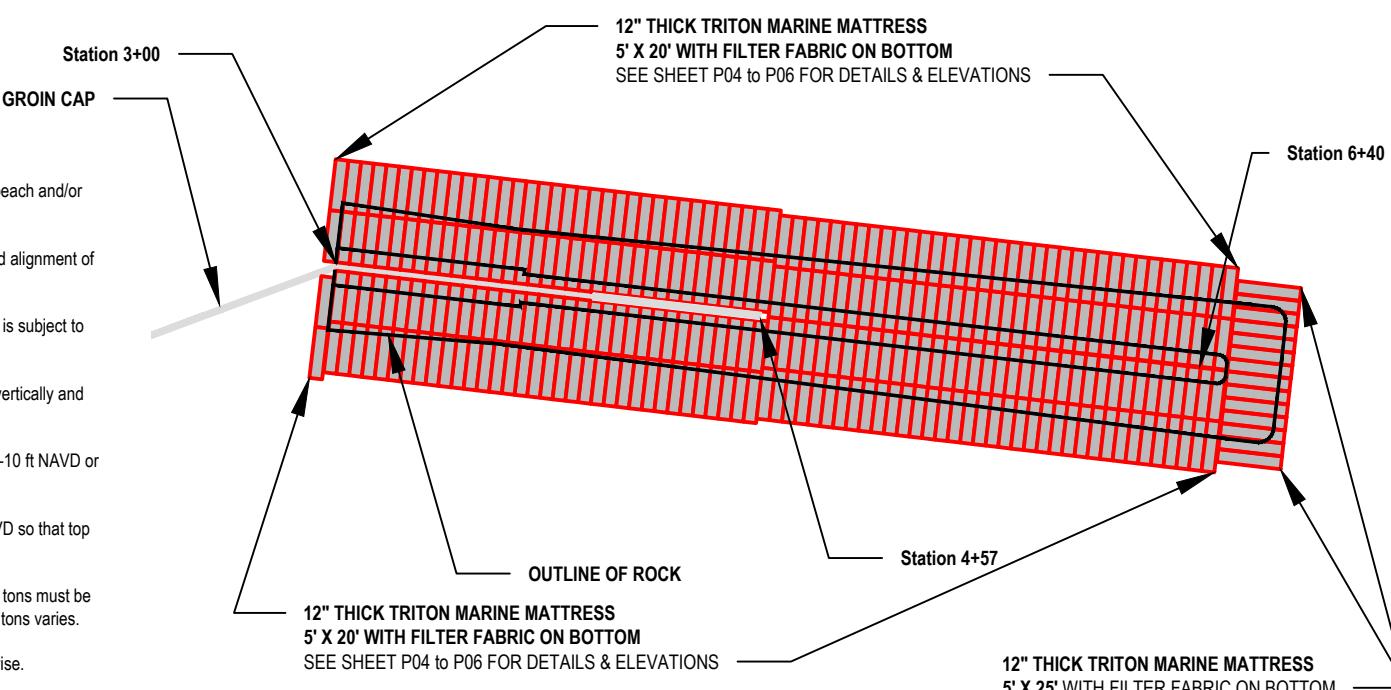
Applicant:
Dare County
954 Marshall Collins Dr.
Manteo, NC 27954

Project:
Buxton Groin Repair
Dare County, NC

Drawing Title:
Cross Section of Groin Repair (Y-Z)

DATE: November 2025
DRAWN BY: SF
APPROVED BY:
PROJECT #: 2640

06



GROIN 2 MATTRESS LAYOUT PLAN

SCALE: 1" = 75'-0"

