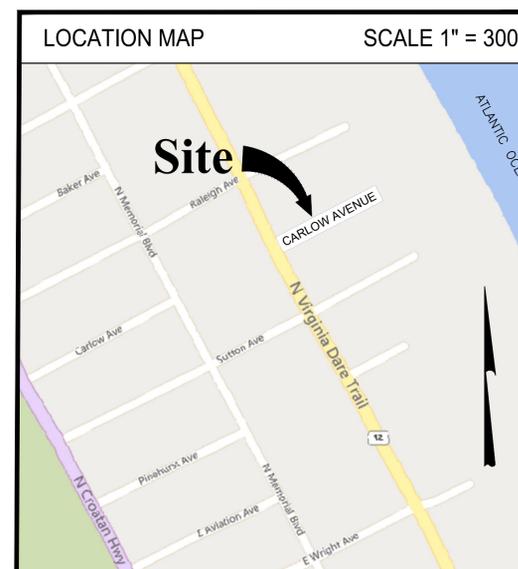


CARLOW AVENUE BEACH ACCESS

KILL DEVIL HILLS - DARE COUNTY, NORTH CAROLINA FOR THE TOWN OF KILL DEVIL HILLS

Sheet List Table

Date	Sheet Number	Sheet Title
01/19/2026	G-001	COVER SHEET
01/19/2026	C-101	SITE LAYOUT PLAN
01/19/2026	C-102	SITE LAYOUT PLAN
01/18/2026	S1	STRUCTURAL SHEET
01/18/2026	S2	STRUCTURAL SHEET



UNDERGROUND UTILITIES AS MARKED BY
"UTILITY LOCATORS"
COMMUNICATIONS (ORANGE PAINT)
ELECTRIC (RED PAINT)
GAS (YELLOW PAINT)
IRRIGATION (PURPLE PAINT)
SEWER (GREEN PAINT)
WATER (BLUE PAINT)

North Carolina
One-Call Center Inc.



**Know what's below
Call before you dig.**

APPR. DATE	DATE	#	REVISION



CARLOW AVENUE BEACH ACCESS



American Engineering Associates - Southeast, P.A.
830 Greenbrier Circle | Suite 110
Chesapeake, Virginia 23322 (757) 468 - 6800

Project #	V25210
Checked by	RHD
Drawn by	PAYF/AE
Submittal Date	01/19/2026
Approval Date	

SWaM Certification	715559
VA Firm #	0405001994

SHEET NAME	COVER SHEET
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SHEET #	G-001
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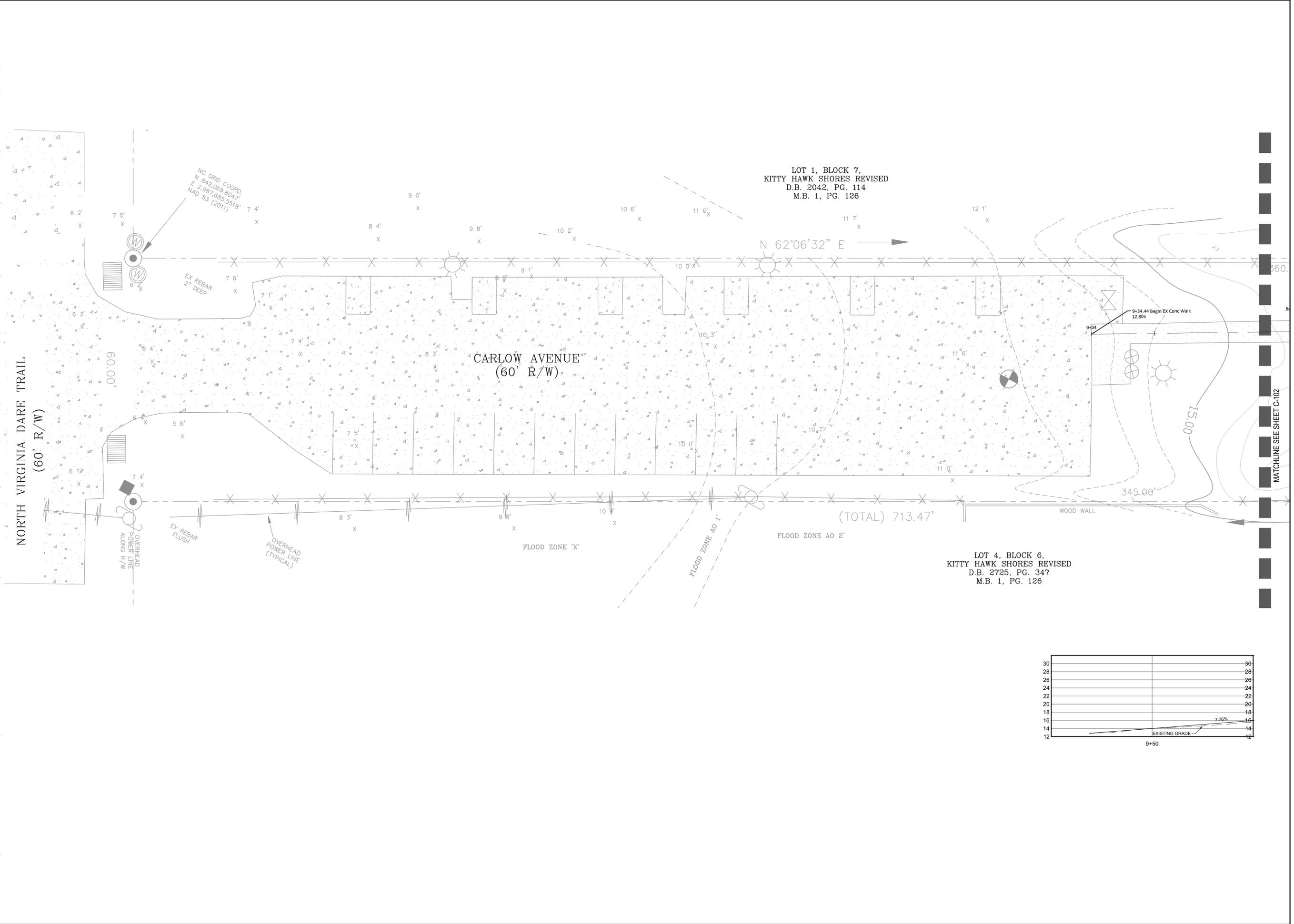
DATUM NOTE:
VERTICAL DATUM REFERENCE:
NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

HORIZONTAL DATUM REFERENCE:
NORTH CAROLINA COORDINATE SYSTEM OF 1983
NAD 1983 (2001 HARN)

TOPOGRAPHICAL SURVEY INFORMATION:
THE TOPOGRAPHICAL INFORMATION WAS PREPARED BY:
STYONS SURVEYING SERVICES
2700 N. CROATAN HWY.
KILL DEVIL HILLS, NC 27948
PHONE: (252) 441-1415
FAX: (252) 480-1182

TOPOGRAPHICAL SURVEY INFORMATION:
THE PLAN DOES NOT GUARANTEE THE EXISTENCE, SIZE, TYPE, LOCATION, ALIGNMENT OR DEPTH OF ANY OR ALL UNDERGROUND UTILITIES OR OTHER FACILITIES, WHERE SURFACE FEATURES (MANHOLES, CATCH BASINS, VALVES, ETC.) ARE UNAVAILABLE OR INCONCLUSIVE. INFORMATION SHOWN MAY BE FROM UTILITY OWNERS RECORDS AND/OR ELECTRIC LINE TRACING, THE RELIABILITY OF WHICH IS UNCERTAIN. THE CONTRACTOR SHALL PERFORM PRIOR TO INSTALLING AFFECTED PIPES, WHATEVER TEST EVACUATION OR OTHER INVESTIGATION IS NECESSARY TO VERIFY LOCATIONS AND CLEARANCE AND SHALL REPORT IMMEDIATELY AND DISCREPANCIES TO AMERICAN ENGINEERING, AT 1-757-468-6800.

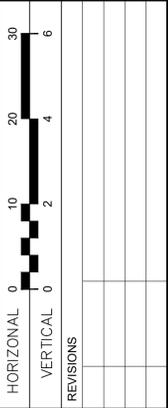
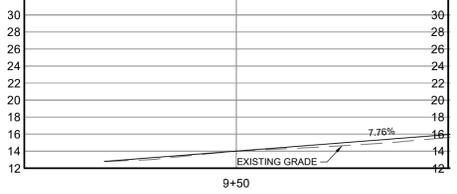
This drawing was prepared for use on a specific site contemporaneously with the issue date noted below, and it is not suitable for use on a different project site or at a later time. Use of this drawing for reference or example on another project requires the services of properly licensed Architects and Engineers. Reproduction of this drawing for reuse on another project is not authorized and may be contrary to the law.



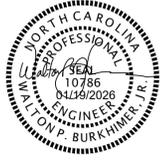
LOT 1, BLOCK 7,
KITTY HAWK SHORES REVISED
D.B. 2042, PG. 114
M.B. 1, PG. 126

LOT 4, BLOCK 6,
KITTY HAWK SHORES REVISED
D.B. 2725, PG. 347
M.B. 1, PG. 126

NC GRID COORD.
N 842,069.8047'
E 2,987,685.5518'
NAD 83 (2011)



AMERICAN Engineering
American Engineering Associates - Southeast, P.A.
830 Greenbrier Circle | Suite 110
Chesapeake, Virginia 23320 (757) 468-6800



Project #	ERZ
Checked by	AE
Drawn by	###
Submittal Date	01/19/2026
Approval Date	
Scale	AS NOTED
SWaM Certification	715559
VA Firm #	0405001994

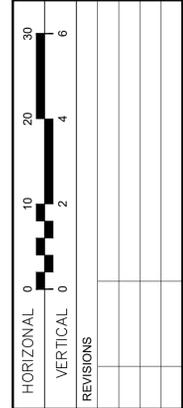
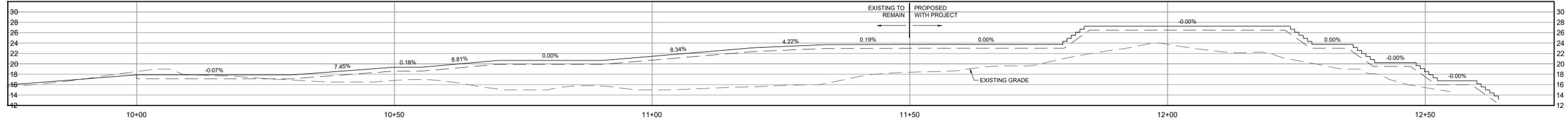
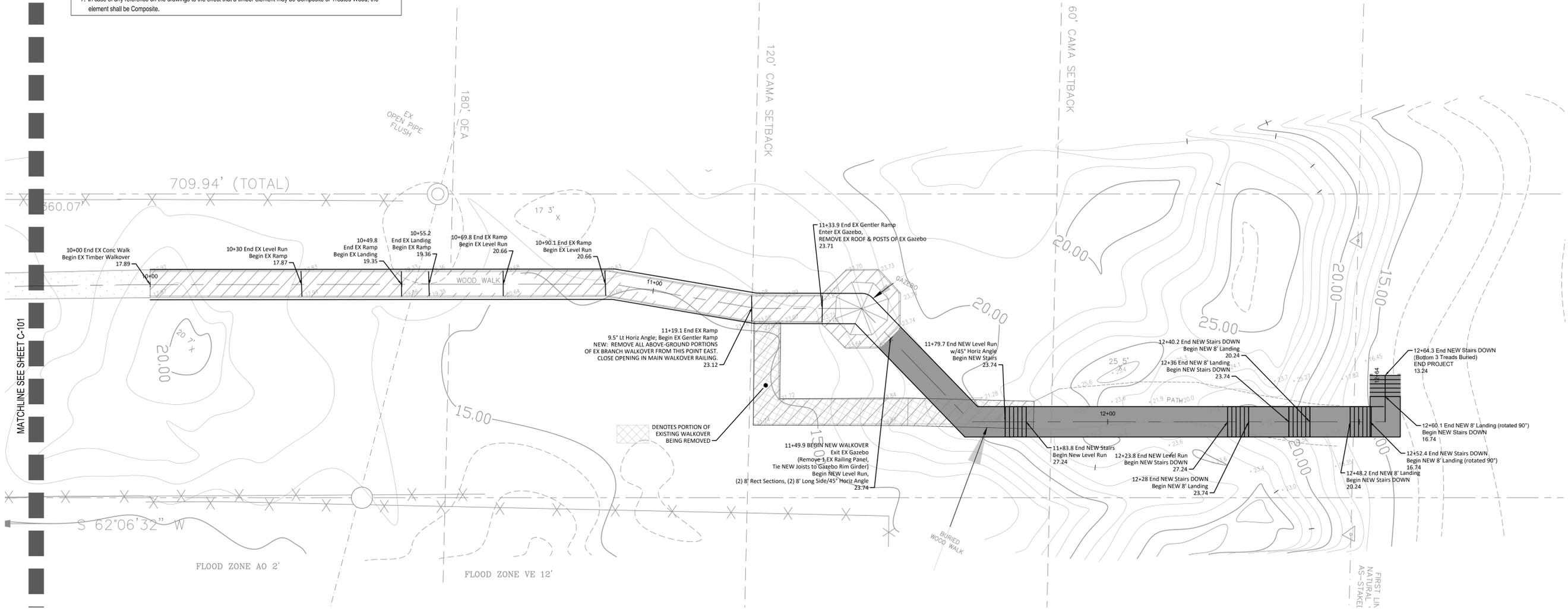
**TOWN OF KILL DEVIL HILLS
CARLOW AVENUE
BEACH ACCESS**
TOWN OF KILL DEVIL HILLS DARE COUNTY, NORTH CAROLINA

SHEET NAME
SITE LAYOUT PLAN

SHEET #
C-101

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- NOTES:
1. Stationing and horizontal geometry on Sheets C101 and C102 are approximate; horizontal dimensions on Structural Sheet S1 shall govern. Slight field adjustments in horizontal geometry may be requested by Contractor and approved by Engineer.
 2. Vertical geometry, particularly, elevations of landings and deck sections, shall be as indicated on Sheet C102.
 3. Contractor is not required to provide an As-Built Survey.
 4. Contractor shall, in constructing the timber structure, minimize disturbance to existing vegetation. No restoration shall be required unless, in the Town's sole determination, disturbance has exceeded that reasonably necessary.
 5. Composite material other than Trex "Pebble Grey", such as Lumberock Square Edge boards in "Anchor Gray," may be used. Submit manufacturer's specifications and color chart to Town for approval.
 6. Stair risers shall be treated wood, conforming to the notes for same on Sheet S1 of 1, and shall be nominal 1x4.
 7. In case of any reference on the drawings to the effect that a timber element may be Composite or Treated Wood, the element shall be Composite.



AMERICAN Engineering
 American Engineering Associates - Southeast, P.A.
 830 Greenbrier Circle | Suite 110
 Chesapeake, Virginia 23320 (757) 468-6800



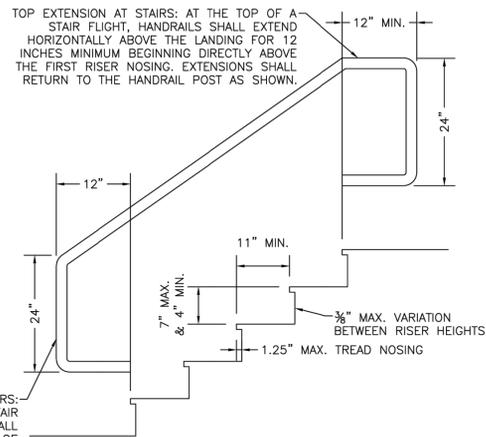
Project #	ERZ
Checked by	AE
Drawn by	AE
Submittal Date	01/19/2026
Approval Date	
Scale	AS NOTED
SWaM Certification	715559
VA Firm #	0405001994

**TOWN OF KILL DEVIL HILLS
 CARLOW AVENUE
 BEACH ACCESS**

TOWN OF KILL DEVIL HILLS DARE COUNTY, NORTH CAROLINA

SHEET NAME
SITE LAYOUT PLAN

SHEET #
C-102



HANDRAIL EXTENSION & STAIRWAY DETAIL

SCALE: N.T.S.

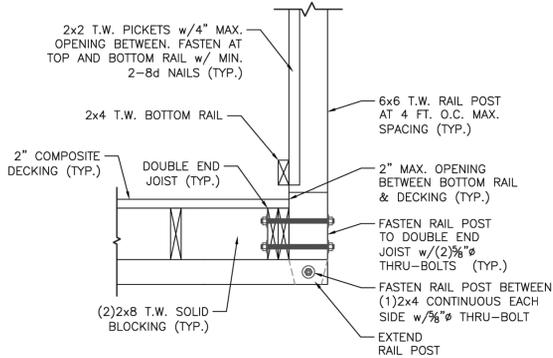
NOTE:

- 1) STAIR NOSINGS SHALL HAVE A CURVATURE OR BEVEL OF NOT LESS THAN 1/8" BUT NOT MORE THAN 3/8" FROM THE FOREMOST PROJECTION OF THE TREAD. ALL STAIRS SHALL BE CONSTRUCTED PER 2018 NORTH CAROLINA BUILDING CODE SECTION 1011.
- 2) 42" HIGH GUARD REQUIRED AT ALL STAIR SECTIONS w/GREATER THAN 30" HEIGHT BETWEEN TOP OF TREAD AND GRADE.
- 3) ALL HANDRAILS AND HANDRAIL EXTENSIONS SHALL BE CONSTRUCTED PER 2018 NORTH CAROLINA BUILDING CODE SECTION 1014. THIS DRAWING IS FOR REFERENCE ONLY.

1 HANDRAIL DETAIL

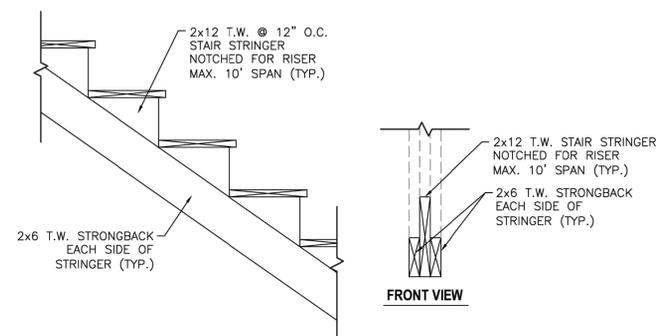
SCALE: 2" = 1'-0"

NOTE: ALL HANDRAILS SHALL BE CONSTRUCTED PER 2018 NORTH CAROLINA BUILDING CODE SECTION 1014. THIS DRAWING IS FOR REFERENCE ONLY.



INTERMEDIATE RAIL POST CONNECTION DETAIL

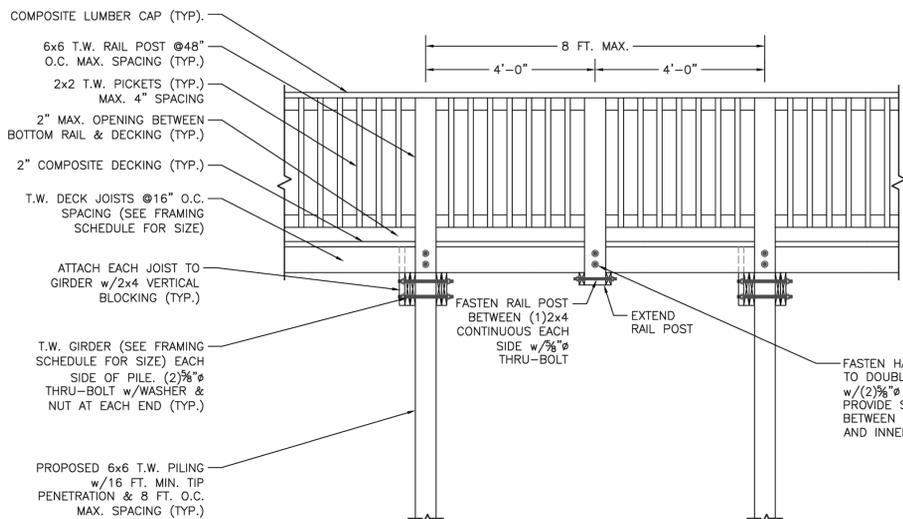
SCALE: 1" = 1'-0"



STAIR STRINGER DETAIL (TYP.)

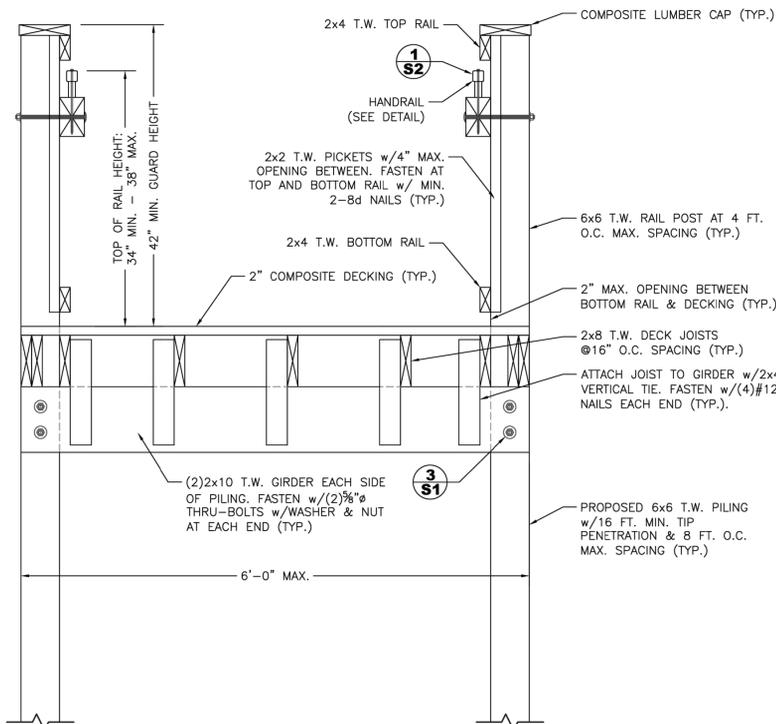
SCALE: 1" = 1'-0"

NOTE: LAST THREE STEPS SEAWARD TO BE BURIED FOR FUTURE EROSION.



2 WALKWAY SIDE VIEW

SCALE: 1/2" = 1'-0"



3 ELEVATION CROSS SECTION

SCALE: 1" = 1'-0"

NOTE:
1) ALL WALKWAYS SHALL BE CONSTRUCTED PER 2018 NORTH CAROLINA BUILDING CODE SECTION 1012. THIS DRAWING IS FOR REFERENCE ONLY.



MICHAEL D. O'STEEN, P.E. PLLC

FIRM #P-2112
120 BRAY BLVD, SUITE 2704B
KILLDEER, NC 27548
MOBILE: 252-423-2300
EMAIL: MIKEDOSTEENPE@GMAIL.COM
WEB: WWW.MICHAELDOSTEENPE.COM

CARLOW AVENUE BEACH ACCESS
NORTH CAROLINA
DARE COUNTY

DUNE WALKWAY FRAMING DETAILS

PROJECT: CARLOW AVENUE BEACH ACCESS
DESCRIPTION: 0 NORTH VIRGINIA DARE TRAIL, KILL DEVIL HILLS

SCALE: 1/4" = 1'-0"
SHEET: S2 OF 2
DATE: 1-18-2026
REVISED: N/A

IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND THE USER TO COMPLY WITH ALL STANDARDS, PROVISIONS, REQUIREMENTS, METHODS OF CONSTRUCTION AND USES OF MATERIALS IN BUILDINGS AND/OR STRUCTURES PROVIDED BY THE NORTH CAROLINA BUILDING CODE AND ANY OTHER LOCAL AGENCIES, AND IN ACCORDANCE WITH GOOD ENGINEERING AND CONSTRUCTION PRACTICES.

Digitally signed by Michael D O'Steen
Date: 2026.01.19 11:12:49 -05'00'
JOIST/BEAMS ONLY