

SCITUATE FORESHORE PROTECTION REPAIRS

SITE NO. 2: 91 SURFSIDE ROAD SCITUATE, MASSACHUSETTS

BOARD OF SELECTMEN

MAURA C. CURRAN, CHAIR
ANDREW W. GOODRICH, VICE CHAIR
SUSAN J. HARRISON
KAREN B. CANFIELD
KAREN E. CONNOLLY

TOWN ADMINISTRATOR

JAMES BOUDREAU

DIRECTOR OF PUBLIC WORKS

KEVIN CAFFERTY



PROJECT LOCUS MAP

SOURCE: USGS TOPOGRAPHIC QUADRANGLES
DIGITAL TOPOGRAPHIC MAPS PROVIDED BY USGSSTORE.GOV.

CONTOUR ELEVATIONS REFERENCE NAVD 88,
CONTOURS AND ELEVATIONS ARE SHOWN IN FEET




SCALE: 1" = 2500 FEET

PREPARED FOR

TOWN OF SCITUATE
600 CHIEF JUSTICE CUSHING
SCITUATE, MA

PROJECT ENGINEER

 GZA GEOENVIRONMENTAL, INC.
144 ELM STREET
AMESBURY, MA 01913



Anders B. Bergman
3/7/24

INDEX OF DRAWINGS

- 1 COVER SHEET
- 2 PROPOSED WORK PLAN AND SECTION

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GZA - March 07, 2024 - 12:59pm - Isabel.Gleckner

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SCITUATE FORESHORE PROTECTION REPAIRS
SITE NO. 2: 91 SURFSIDE ROAD
SCITUATE, MASSACHUSETTS

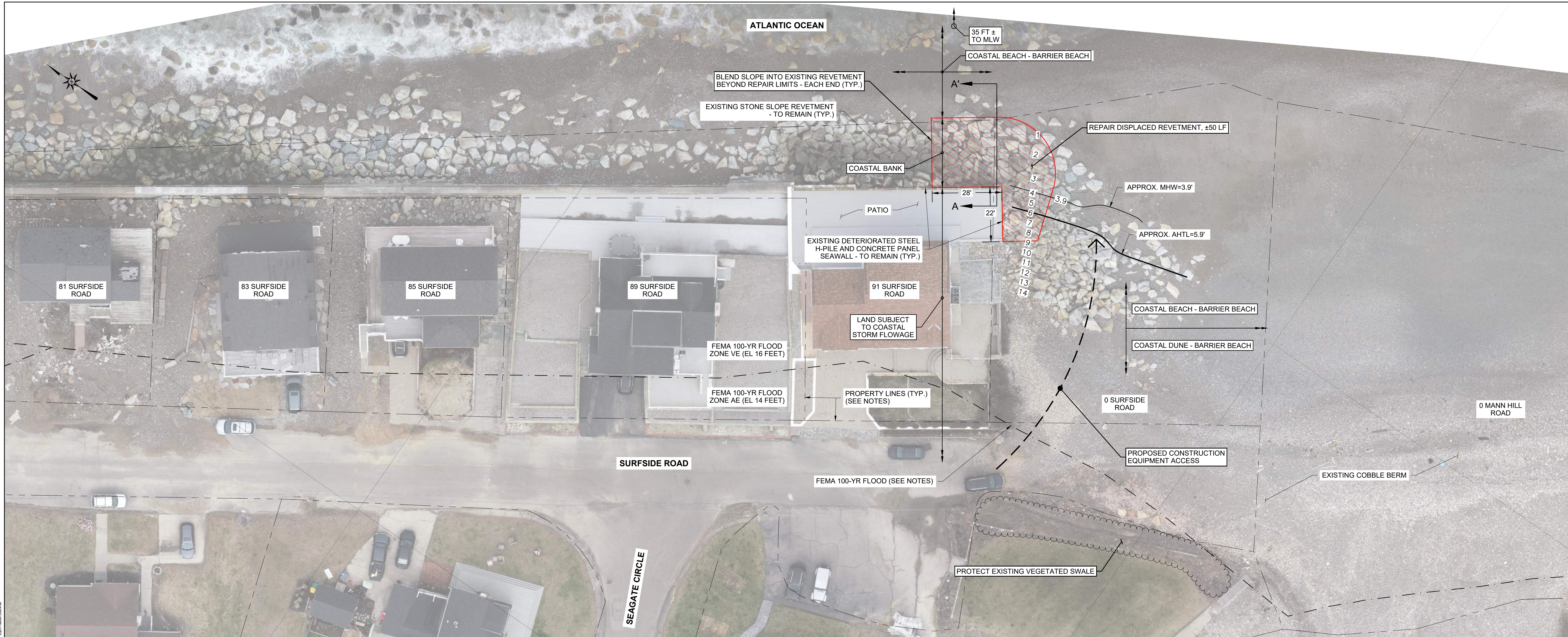
COVER SHEET

PREPARED BY:	P
 GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com	

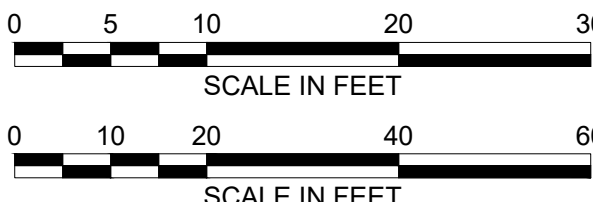
PREPARED FOR:
TOWN OF SCITUATE
600 CHIEF JUSTICE CUSHING
SCITUATE, MASSACHUSETTS

PROJ MGR: DAS	REVIEWED BY: AJK	C
DESIGNED BY: DAS	DRAWN BY: AJP	S
DATE: MAR 2024	PROJECT NO. 18.0174547.00	R

CHECKED BY: DAS	DRAWING 1
SCALE: AS SHOWN	
REVISION NO. -	
SHEET NO. 1 OF 2	



PROPOSED WORK PLAN: 91 SURFSIDE ROAD
SCALE: 1"=20'



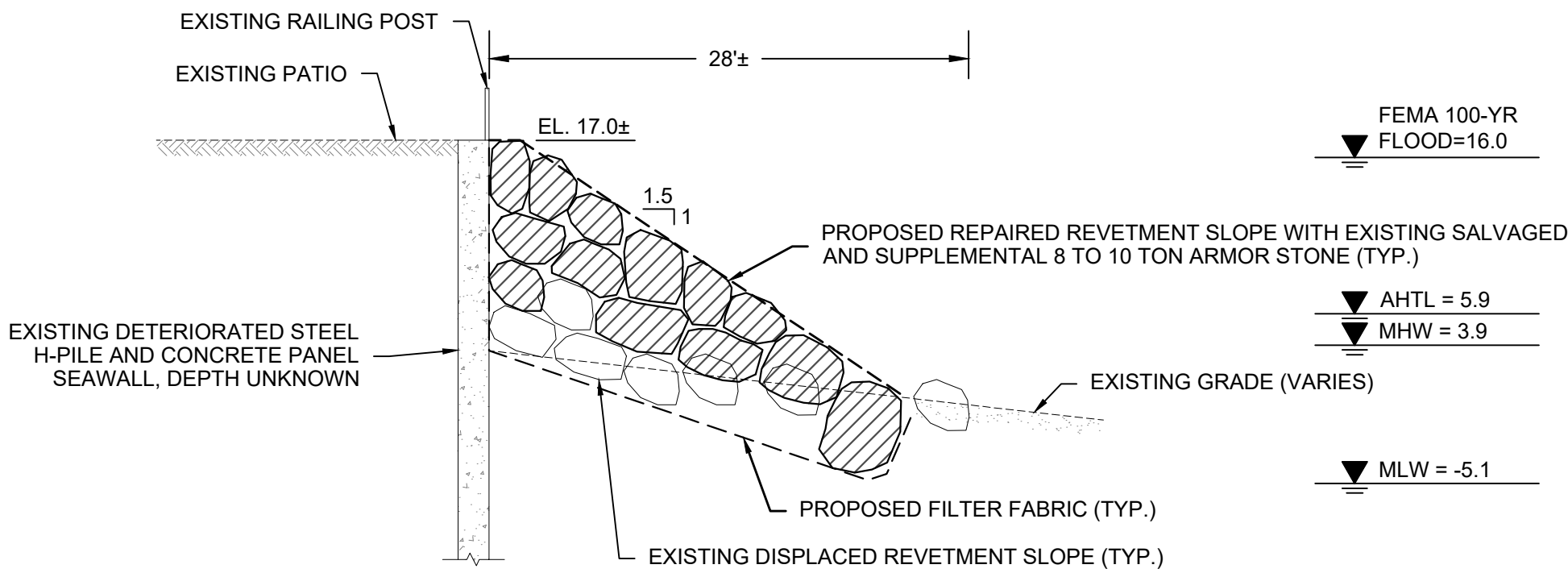
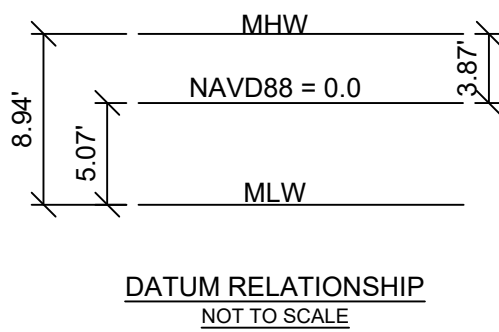
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LEGEND

- EXISTING CONTOUR MAJOR
- EXISTING CONTOUR MINOR
- MEAN HIGH WATER (MHW)
- FEMA FLOOD ZONES
- PROPERTY LINES
- REPAIR DISPLACED REVETMENT TOE AND SLOPE

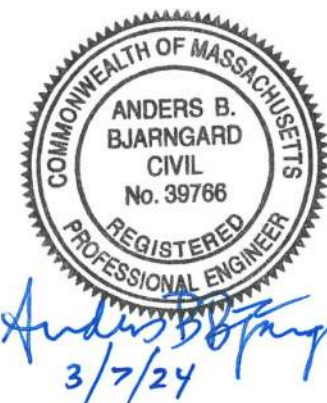
GENERAL NOTES:

- ELEVATIONS ARE IN FEET BASED ON THE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88):
MLW=-5.07, NAVD88=0.00, MHW=3.87, AHTL=5.93. TIDAL DATUM REFERENCED TO THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) STATION ID 8445138 FOR SCITUATE HARBOR, SCITUATE, MA.
- LIMITED TOPOGRAPHIC SURVEY AND SITE OBSERVATIONS PERFORMED BY GZA GEOENVIRONMENTAL, INC. ON MARCH 16 AND APRIL 14, 2020 AND REPRESENTS CONDITIONS AT THE TIME OF THE SURVEY AND OBSERVATIONS.
- ORTHOMOSAIC IMAGES DEVELOPED BY GREENMAN-PEDERSEN, INC. ON APRIL 6, 2020 USING UNMANNED AIRCRAFT SYSTEM FLIGHTS AT AN ALTITUDE OF APPROXIMATELY 150 TO 200 FEET. ELECTRONIC FILES WERE SENT TO GZA GEOENVIRONMENTAL, INC. ON APRIL 9, 2020.
- PROPERTY LINES AND FEMA FLOOD ZONES WERE TAKEN FROM MOST RECENT AVAILABLE DATA FROM MA GIS DATABASE.



SECTION A - A': 91 SURFSIDE ROAD
SCALE: 1"=10'

APPROVED:



SCITUATE FORESHORE PROTECTION REPAIRS
SITE 2: 91 SURFSIDE ROAD
SCITUATE, MASSACHUSETTS

PROPOSED WORK PLAN AND SECTION

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: TOWN OF SCITUATE 600 CHIEF JUSTICE CUSHING SCITUATE, MASSACHUSETTS	
PROJ MGR: DAS	DESIGNED BY: DAS	REVIEWED BY: AJK	CHECKED BY: DAS
DATE: MAR 2024	DRAWN BY: LFT	PROJECT NO. 18.0174547.00	SCALE: AS SHOWN
		REVISION NO. 1	DRAWING 2
			SHEET NO. 2 OF 2



Photographic Log

Scituate Foreshore Protection Repairs

North Scituate Beach



Client Name: Town of Scituate		Site Location: 91 Surfside Road Scituate, MA	Project No. 18.0174547.02
Photo No. 1	Date: 4/14/20		
Direction Photo Taken: Northwest			
Description: Typical displaced revetment toe and slope along the southern return wall.			

Photo No. 2	Date: 4/14/20	
Direction Photo Taken: West		
Description: Overview of displaced revetment toe and slope along deteriorated steel H-pile and concrete panel seawall.		



Photographic Log

Scituate Foreshore Protection Repairs

North Scituate Beach

Client Name: Town of Scituate		Site Location: 91 Surfside Road Scituate, MA	Project No. 18.0174547.02
Photo No. 3	Date: 4/14/20		
Direction Photo Taken: Southwest			
Description: Typical displaced revetment toe and slope along seawall.			

Photo No. 4	Date: 4/14/20	
Direction Photo Taken: West		
Description: Typical damaged and deteriorated steel H-pile and concrete panel seawall.		