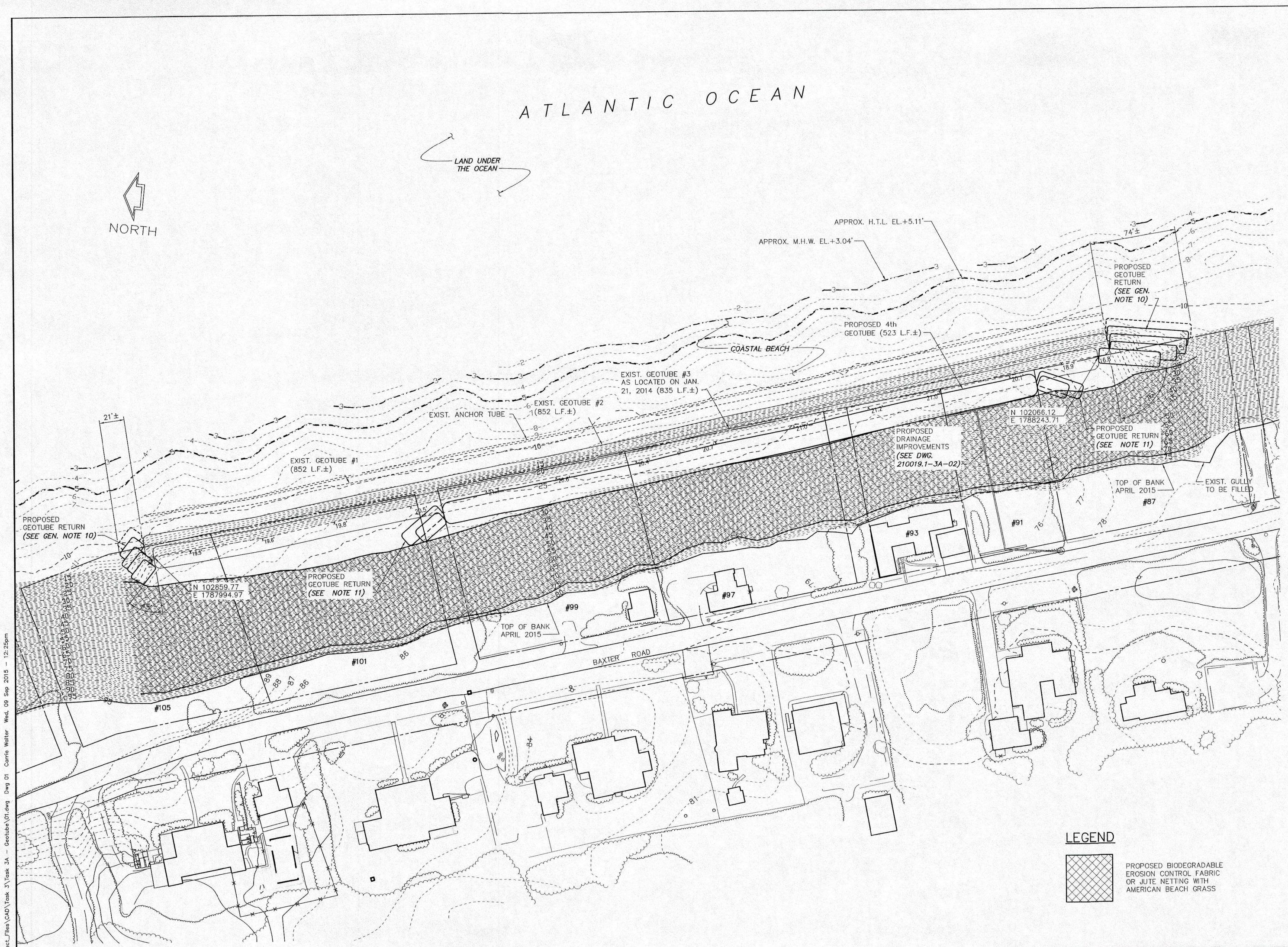

GENERAL NOTES

1. BASE MAPPING INFORMATION SHOWN HEREON IS FROM AN AERIAL SURVEY PERFORMED BY COL-EAST, INC. ON JULY 15, 2013 WITH GROUND CONTROLS SUPPLIED BY BLACKWELL & ASSOCIATES, INC. FOR S.B.P.F. AND OCEAN AND COASTAL CONSULTANTS, INC.
2. LOCATION OF GEOTUBE #3 SHOWN HEREON IS FROM A FIELD SURVEY PERFORMED BY BLACKWELL & ASSOCIATES, INC. ON JANUARY 21, 2014 AND REFLECTS THE ACTUAL FIELD LOCATION OF GEOTUBE #3 AS FOUND ON THAT DATE.
3. LOCATION OF PORTION OF GEOTUBE #2 FROM GPS SURVEY BY WHG ON APRIL 4, 2014. SHOTS WERE OBTAINED ON EXPOSED FACE OF TUBE AND ARE REFLECTED ON THIS PLAN.
4. LOCATION OF GEOTUBE #1, AND THE ANCHOR TUBE ARE SHOWN HEREON FROM INFORMATION SHOWN ON CONSTRUCTION TEMPLATE AND REFLECT OVERLAP OF TUBES 2 & 3 AS FOUND IN FIELD.
5. VERTICAL DATUM SHOWN HEREON IS IN NAVD'88 AND REFERENCED TO MEAN LOW WATER. TOP OF GEOTUBE #3 ELEVATIONS SHOWN ARE FROM FIELD SURVEY BY BLACKWELL & ASSOCIATES, INC. AS STATED IN NOTE 2.
6. REFERENCE IS MADE TO EMERGENCY CERTIFICATION FORMS ISSUED BY THE NANTUCKET CONSERVATION COMMISSION ON 12/4/2013 AND BY MASSDEP-SOUTHEAST REGIONAL OFFICE ON 12/10/2013.
7. PRIOR TO CONSTRUCTION OF THE EMERGENCY SYSTEM, WOODS HOLE GROUP AND BLACKWELL & ASSOCIATES, INC. ESTABLISHED ON-SITE BENCHMARKS FOR CONSTRUCTION CONTROL AT LOCATIONS NORTH AND SOUTH OF THE PROJECT SITE.
8. AN UPDATE SURVEY WAS PERFORMED BY WOODS HOLE GROUP ON APRIL 4, 2014 IN THE VICINITY OF THE GEOTUBE LOCATIONS AND REVISED CONTOURS ARE SHOWN HEREON. NO SURVEY OF THE ACTUAL COASTAL BANK SURFACE WAS PERFORMED AT THIS TIME.
9. AN UPDATE SURVEY WAS PERFORMED BY WOODS HOLE GROUP IN APRIL 2015 TO LOCATE TOP OF BANK.
10. PROPOSED 30 FOOT CIRCUMFERENCE GEOTUBE RETURNS SHALL BE FITTED IN THE FIELD TO FORM CLOSURE BETWEEN TUBES AND EXISTING BLUFF WHILE AVOIDING CUTTING INTO THE EXISTING BLUFF. APPROXIMATE BOTTOM ELEVATION OF LOWEST RETURN TUBE IS +3 FEET TO +4 FEET MEAN LOW WATER.
11. PROPOSED GEOTUBE RETURNS BETWEEN TIERS 3 AND 4 SHALL BE 30 FOOT CIRCUMFERENCE AND BE FITTED IN THE FIELD TO FORM CLOSURE BETWEEN TUBES AND EXISTING BLUFF WHILE AVOIDING CUTTING INTO EXISTING BLUFF.

LEGEND

PROPOSED BIODEGRADABLE EROSION CONTROL FABRIC OR JUTE NETTING WITH AMERICAN BEACH GRASS

GRAPHIC SCALES

CHECK GRAPHIC SCALES BEFORE USING

1"=40'-0" 0 40 80 FT.

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FOR PERMITTING PURPOSES ONLY

REVISIONS

	DESCRIPTION	DATE	BY		DESCRIPTION	DATE	BY
1	UPDATED AS-BUILT BASE PLAN REMOVED PROPOSED 4TH TUBE	4/24/14	AZSL	5	REVISED 4TH GEOTUBE EXTENTS AND RETURNS	6/16/15	AZSL
2	REVISED GENERAL NOTES AND EXTENTS OF PROPOSED AMERICAN BEACH GRASS	4/28/14	AZSL	6	ADDED GENERAL NOTE 11, REVISED VEGETATION AND RETURN GEOTUBE EXTENTS, ADDED CALLOUTS	8/13/15	AZSL
3	ADDED 4th GEOTUBE AND CROSS-SECTION	7/22/14	AZSL	7	REVISED DRAINAGE DIFFUSER PIPE LOCATION	9/9/15	JOMA
4	REVISED GEOTUBE RETURNS	10/28/14	AZSL				

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SCONSET BEACH PRESERVATION FUND
18 Sesapana Road, Nantucket, MA 02554

COMMONWEALTH OF MASSACHUSETTS JOHN M. MARONE STRUCTURAL No. 39735 REGISTERED PROFESSIONAL ENGINEER
9/9/15

DESIGNED BY:	ADKA
DRAWN BY:	CAMA
CHECKED BY:	AZSL
QC REVIEW:	JOMA

BAXTER ROAD STABILIZATION PROJECT

PLAN VIEW OF SLOPE STABILIZATION

SCALE	REVISION
1"=40'-0"	7
DATE 3/12/13	
DRAWING NO. 210019.1-3A-01	

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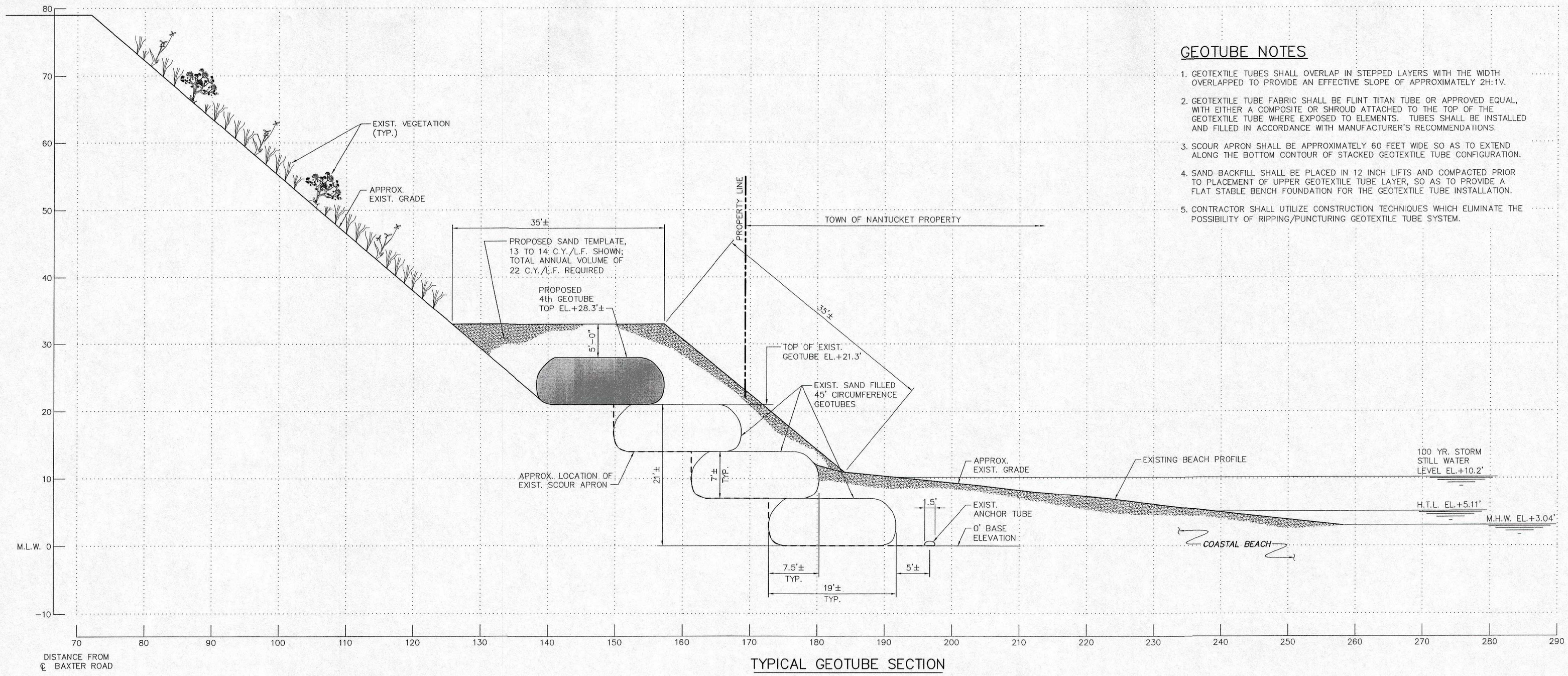
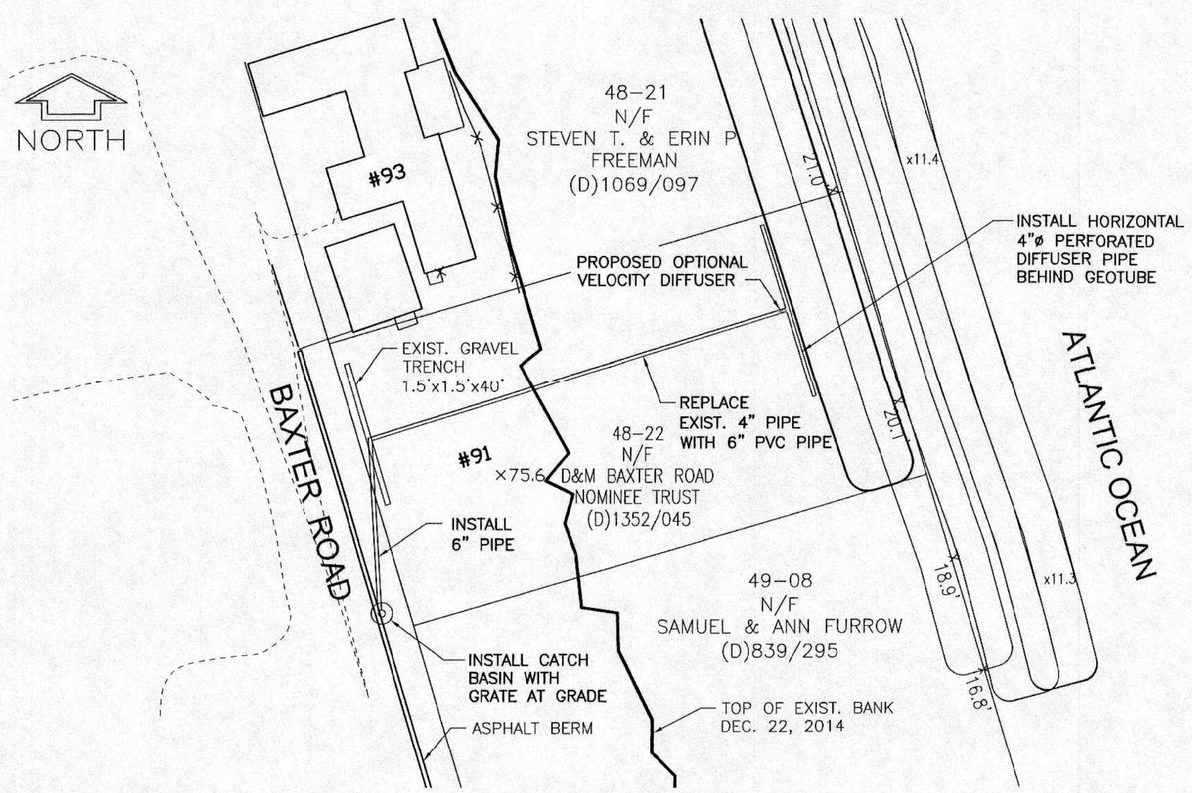


TYPICAL GEOTUBE SECTION

SCALE ⅛"=1'-0"

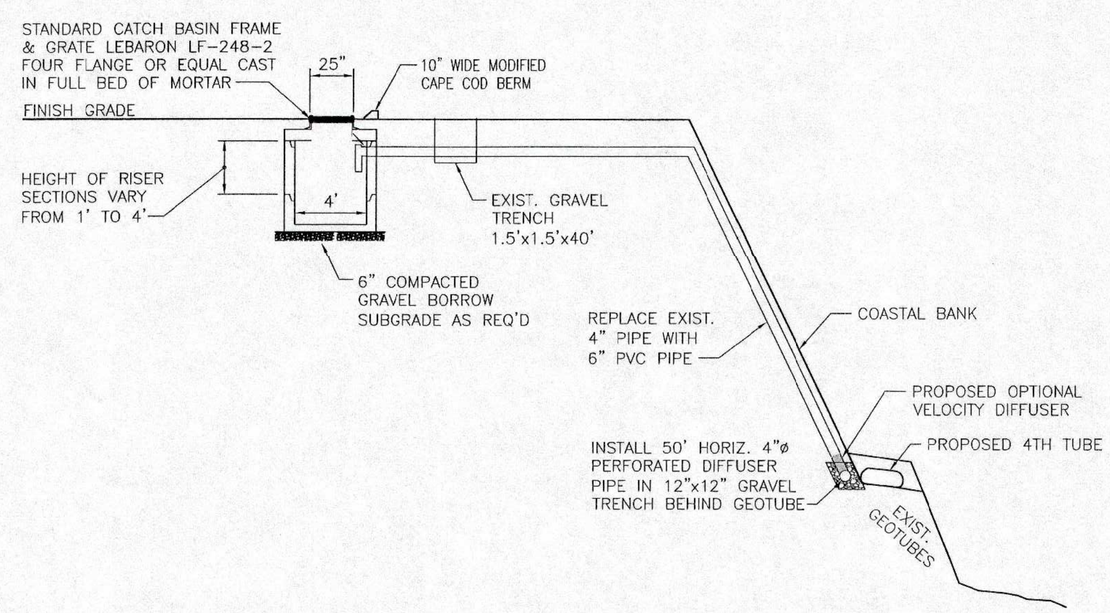
GEOTUBE NOTES

1. GEOTEXTILE TUBES SHALL OVERLAP IN STEPPED LAYERS WITH THE WIDTH OVERLAPPED TO PROVIDE AN EFFECTIVE SLOPE OF APPROXIMATELY 2H:1V.
2. GEOTEXTILE TUBE FABRIC SHALL BE FLINT TITAN TUBE OR APPROVED EQUAL, WITH EITHER A COMPOSITE OR SHROUD ATTACHED TO THE TOP OF THE GEOTEXTILE TUBE WHERE EXPOSED TO ELEMENTS. TUBES SHALL BE INSTALLED AND FILLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
3. SCOUR APRON SHALL BE APPROXIMATELY 60 FEET WIDE SO AS TO EXTEND ALONG THE BOTTOM CONTOUR OF STACKED GEOTEXTILE TUBE CONFIGURATION.
4. SAND BACKFILL SHALL BE PLACED IN 12 INCH LIFTS AND COMPACTED PRIOR TO PLACEMENT OF UPPER GEOTEXTILE TUBE LAYER, SO AS TO PROVIDE A FLAT STABLE BENCH FOUNDATION FOR THE GEOTEXTILE TUBE INSTALLATION.
5. CONTRACTOR SHALL UTILIZE CONSTRUCTION TECHNIQUES WHICH ELIMINATE THE POSSIBILITY OF RIPPING/PUNCTURING GEOTEXTILE TUBE SYSTEM.



DRAINAGE PLAN

SCALE 1"=30'-0"



DRAINAGE PROFILE

NOT TO SCALE

GENERAL NOTES

1. ALL ELEVATIONS ARE BASED ON MEAN LOW WATER DATUM (M.L.W.=0.0').
2. DRAINAGE SYSTEM DESIGN BY HALEY & ALDRICH, INC. AND BLACKWELL AND ASSOCIATES.

GRAPHIC SCALES

CHECK GRAPHIC SCALES BEFORE USING

⅛"=1'-0" 0 5 10 15 FT.

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REVISIONS

	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY
1	REVISED DRAINAGE PLAN & PROFILE	9/9/15	JOMA			

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SCONSET BEACH PRESERVATION FUND
18 Sesapana Road, Nantucket, MA 02554

COMMONWEALTH OF MASSACHUSETTS JOSEPH P. MARRONE STRUCTURAL No. 39733 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY:	AZSL
DRAWN BY:	CAMA
CHECKED BY:	AZSL
QC REVIEW:	JOMA

BAXTER ROAD STABILIZATION PROJECT

TYPICAL GEOTUBE SECTION AND DRAINAGE IMPROVEMENT PLAN AND PROFILE

SCALE	REVISION
AS NOTED	1
DATE 8/13/15	
DRAWING NO. 210019.1-3A-02	

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