



State of Rhode Island
Coastal Resources Management Council
Oliver H. Stedman Government Center
4808 Tower Hill Road, Suite 3
Wakefield, RI 02879-1900

(401) 783-3370
Fax (401) 783-2069

PUBLIC NOTICE

File Number: 2022-02-027 Date: April 1, 2022

This office has under consideration the application of:

**Timothy Kane & Anne Moniz
76 Melbourn Road
Warwick, RI 02882**

for a State of Rhode Island Assent to: Install larger stones (8,000 lbs) to repair and improve an existing revetment. The top of the revetment will be raised by an additional 3 feet over the original height to provide additional resiliency for sea level rise. The toe of the repair revetment will match the existing revetment toe. After construction a 10' vegetative buffer will be planted landward of the top of the revetment. The length of the new revetment will be approximately 80 linear feet.

Project Location:	76 Melbourn Road
City/Town:	Warwick
Plat/Lot:	367 / 73
Waterway:	Greenwich Bay

Plans of the proposed work can be requested at Cstaff1@crmc.ri.gov.

In accordance with the Administrative Procedures Act (Chapter 42-35 of the Rhode Island General Laws) you may request a hearing on this matter.

You are advised that if you have good reason to enter protests against the proposed work it is your privilege to do so. It is expected that objectors will review the application and plans thoroughly, visit site of proposed work if necessary, to familiarize themselves with the conditions and cite what law or laws, if any, would in their opinion be violated by the work proposed.

If you desire to protest, you must attend the scheduled hearing and give sworn testimony. A notice of the time and place of such hearing will be furnished you as soon as possible after receipt of your request for hearing. If you desire to request a hearing, to receive consideration, it should be in writing (**with your correct mailing address, e-mail address and valid contact number**) and be received at this office on or before May 1, 2022.

Please email your comments/hearing requests to: cstaff1@crmc.ri.gov; or mail via USPS to: Coastal Resources Management Council; O. S. Government Center, 4808 Tower Hill Road, Rm 116; Wakefield, RI 02879.

/lat



76 Melbourn Road, Warwick, Greenwich Cove



Damage from Monday's Storm 1-17-2022 – Overtopped Stone Revetment – Debris on Lawn





Armor Stones Dislodged and Lawn Damage





Foundation Pipe Damaged – Was Approx. 2 ft. Above Grade



This Property to the West of the Applicant's was Vegetated Prior to Storm

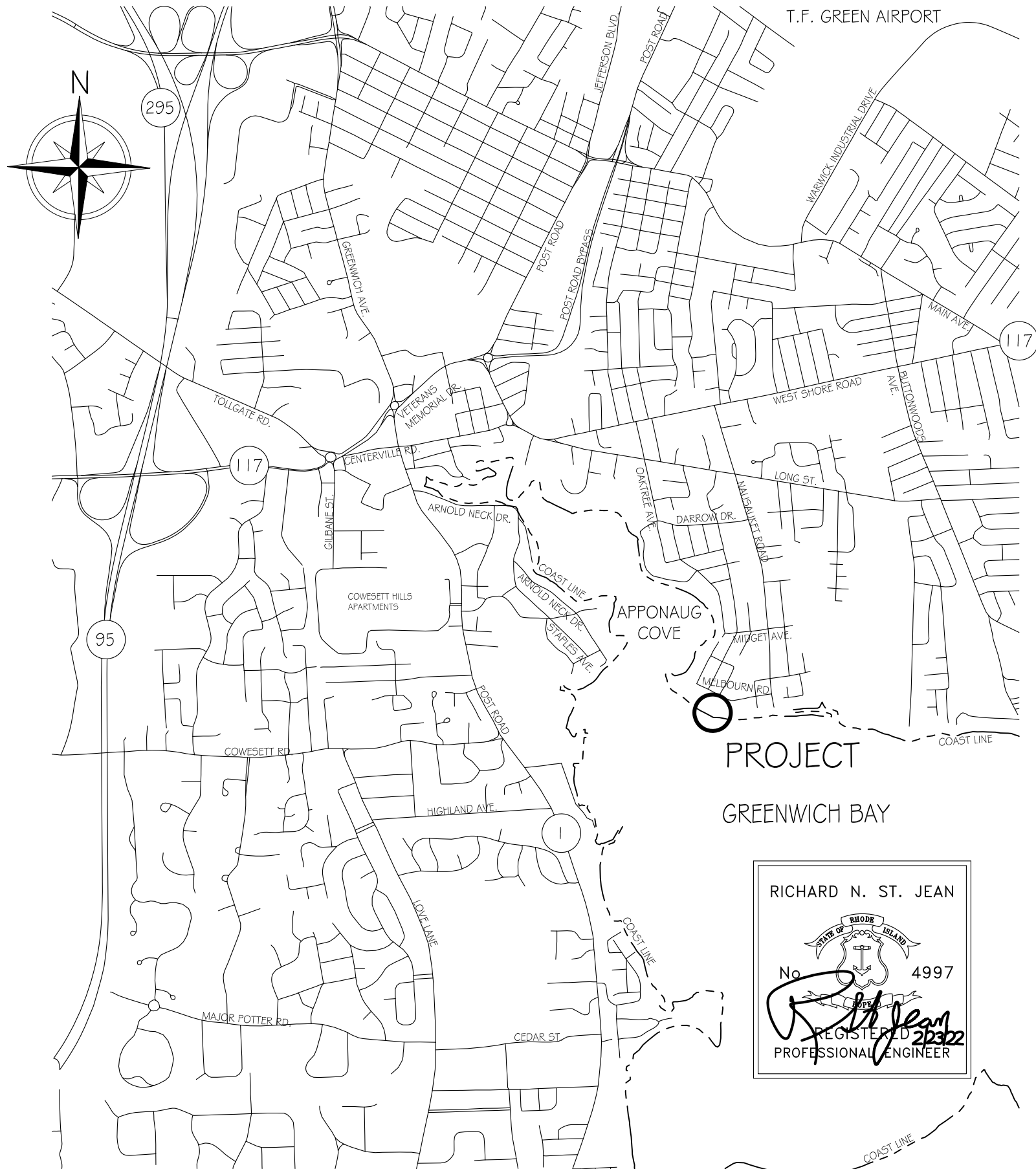




Property Immediately to the East Note Erosion @ Stairway



Property Immediately to the East – Looking North

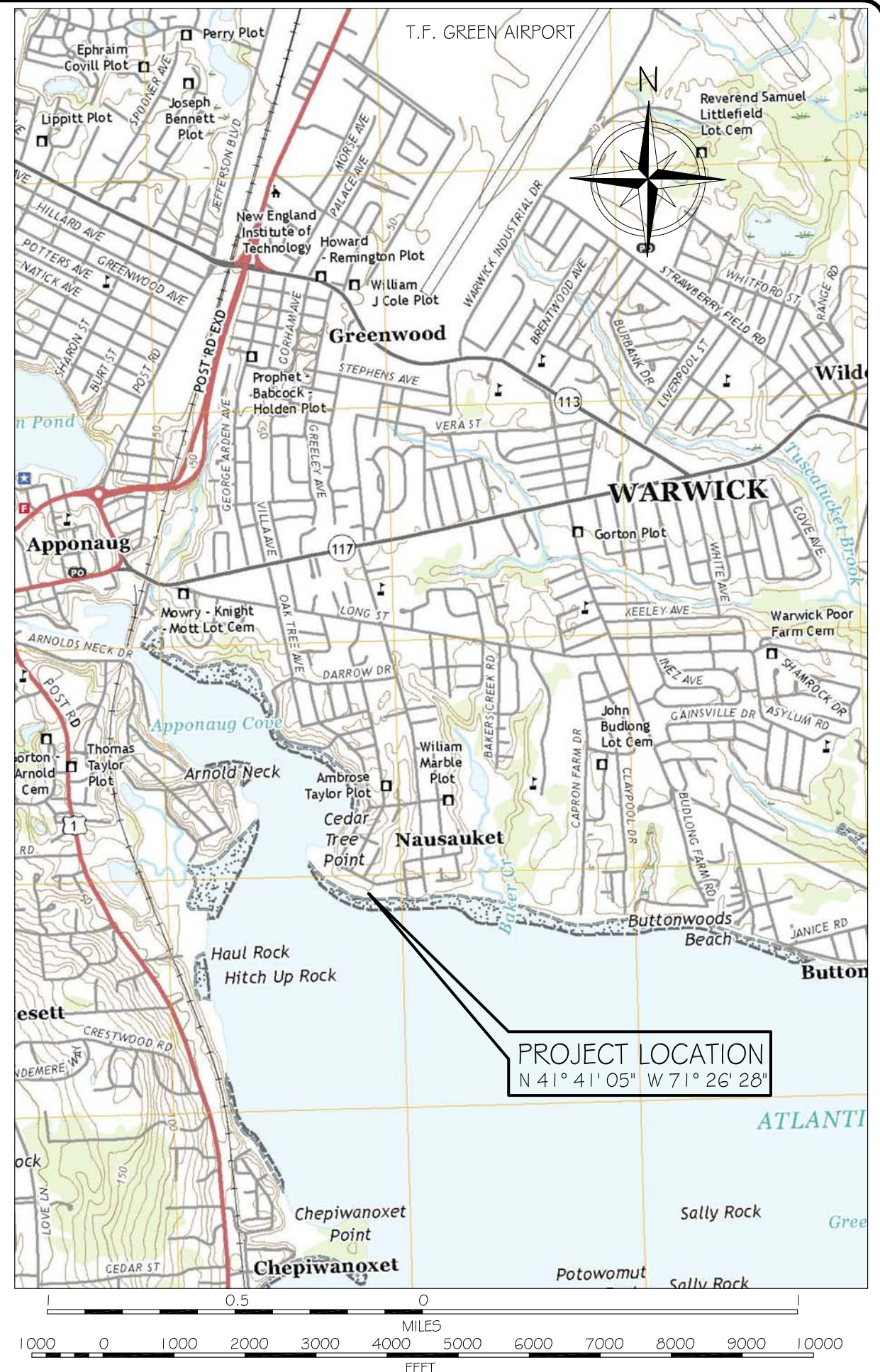


T.F. GREEN AIRPORT

PROJECT
GREENWICH BAY

RICHARD N. ST. JEAN

CRMC ASSENT NO. 2022-02-027



T.F. GREEN AIRPORT

PROJECT LOCATION
N 41° 41' 05" W 71° 26' 28"

USGS TOPOGRAPHIC MAP - EAST GREENWICH, RI 2018

Drawn By: rstj
Checked By: [RECEIVED]
Date: 3/7/2022

REVISIONS

COASTAL RESOURCES
MANAGEMENT COUNCIL

Prepared for Applicant:
ANNE M. MONIZ
WARWICK, RI 02886
LOT 73
76 MELBOURN RD.
ASSESSORS PLAT 367.

REVIEWMENT REPAIRS
LOCUS PLAN

Prepared By:
ST. JEAN ENGINEERING, LLC
CIVIL, MARINE AND STRUCTURAL
CONSULTING ENGINEERING
209 Arnold Neck Drive
Warwick, RI 02886
Phone: 401.398.0999
email: st.jean.engineering@verizon.net

SHT NO.
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OF 5

1. LOCATION OF BUILDINGS, PROPERTY LINES, TOPOGRAPHIC INFORMATION, BATHYMETRY DEVELOPED BY NATIONAL LAND SURVEYORS AND DEVELOPERS INC. FOR THE PURPOSE OF APPLYING FOR A MAINTENANCE PERMIT FOR THE REVETMENT REPAIR. SURVEY FIELD WORK PERFORMED DURING NOVEMBER, 2021.

3. ALL ELEVATIONS ARE REFERENCED TO NAVD88. CONTOURS & SPOT ELEVATIONS TAKEN FROM PLANS REFERENCED IN NOTE 1.

4. ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL, STATE, FEDERAL, AND UTILITY COMPANY REQUIREMENTS AS APPLICABLE AND AS DESCRIBED IN APPROVED PERMITS.

5. IT IS THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AS THEY RELATE TO THE WORK. THE CONTRACTOR SHALL REPORT TO THE ENGINEER OF RECORD ALL OBSERVATIONS & DISCREPANCIES BEFORE PROCEEDING WITH ANY WORK.

6. UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATION AS OBTAINED FROM DRAWINGS SUPPLIED BY THE OWNER. THE ENGINEER MAKES NO REPRESENTATION THAT ALL UTILITIES PRESENT ON AND BELOW THE SITE ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL NOTIFY DIG SAFE AND VERIFY EXACT LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO THE START OF ANY CONSTRUCTION. THE ENGINEER ASSUMES NO LIABILITY FOR DAMAGE IF THE CONTRACTOR BREACHES ANY UTILITY LINE. THE OWNER ASSUMES RESPONSIBILITY TO PROPERLY RE-LOCATE THEIR UTILITY LINES AND TO REPAIR/REPLACE ALL UTILITIES DAMAGED DUE TO THE WORK DESCRIBED ON THE ATTACHED DRAWINGS.

7. THE CONTRACTOR/OWNER SHALL KEEP A COPY OF THE APPROVED PERMITS ON THE SITE AND SHALL CLOSELY ADHERE TO THE DATES, TIMES, AND CONSTRUCTION PROVISIONS AUTHORIZING THE WORK.

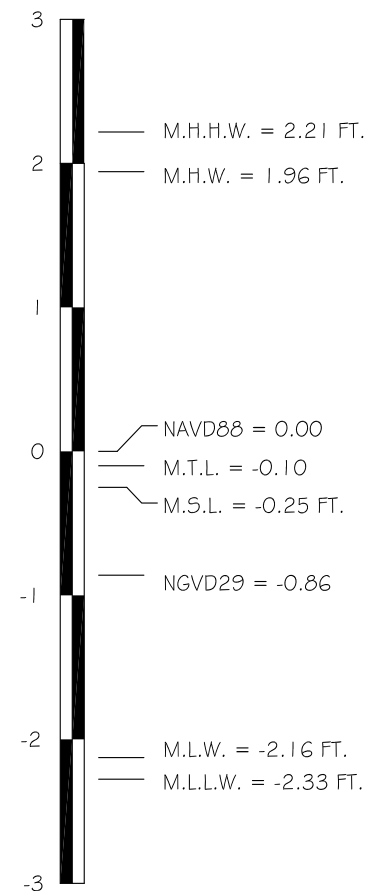
1. EXISTING STONES THAT WERE DISPLACED DURING THE STORM SHALL BE MOVED LANDWARD TO THE LOCATION OF THE ORIGINAL TOE OF THE REVETMENT.

2. ALL STONES USED IN THE REPAIR OF THE REVETMENT SHALL BE HARD, DURABLE, AND CLEAN, WITHOUT CRACKS, CLEAVAGES OR LAMINATIONS. THEY SHOULD BE CHEMICALLY STABLE IN FRESH OR SALT WATER AND SHOULD NOT WEATHER DUE TO FREEZE/THAW OR WET/DRY CYCLES. STONES FROM THE EXISTING REVETMENT MAY BE USED IN THE RECONSTRUCTION WORK PROVIDED THEY MEET THE DESIGN SIZES FOR THE LAYER WHERE THE STONE IS PLACED. EXISTING REVETMENT STONES MAY BE REUSED IF THEY MEET THE REQUIREMENTS IN NOTE 3 BELOW.

3. ARMOR STONES SHALL BE GRADED SUCH THAT THE SMALLEST DIMENSION SHOULD NOT BE LESS THAN ONE-THIRD OF THE LARGEST DIMENSION. ADDITIONALLY THE SIZE OF THE ARMOR STONES SHALL BE A MAXIMUM OF 1.25 W (WEIGHT SPECIFIED) AND A MINIMUM OF 0.75 W. APPROXIMATELY 75 PERCENT OF THE STONES SHALL BE EQUAL TO, OR LARGER THAN, W.

4. THE PROPOSED REVETMENT REPAIR IS SUBJECT TO OVERTOPPING AND BREAKING WAVES DURING SEVERE STORM EVENTS. ARMOR UNITS SHALL BE PLACED SO THAT ARMOR UNITS ARE KEYED TO/BEAR SOLIDLY AGAINST ADJACENT UNITS WITH A MIN. OF 3 POINTS OF CONTACT AND STAGGERED JOINTS. DO NOT CHINK UNITS WITH SMALLER STONES WHICH COULD COME LOOSE FROM WAVE ACTION.

5. STONES FROM THE ORIGINAL REVETMENT MAY BE USED FOR THE INNER LAYER AND RE-STACKED IN THE REPAIR CONSTRUCTION PROVIDED THEY MEET THE SIZE SPECIFICATION. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING THE PROJECT TO ASSESS THE QUANTITY OF EXISTING STONE AVAILABLE FOR REUSE. THE EXISTING STONES SHALL BE SORTED INTO THE APPROPRIATE LAYERS ACCORDING TO WEIGHT.

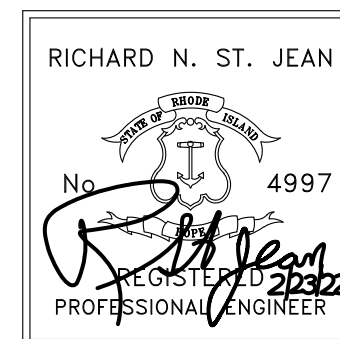


	EXISTING CONTOUR
	PROPOSED CONTOUR
	EXISTING SEWER
	PROPOSED SEWER
	EXISTING WATER LINE
	PROPOSED WATER LINE
	EXISTING GAS LINE
	EXISTING MANHOLE
	PROPOSED MANHOLE
	EXISTING CATCH BASIN
	EXISTING BUILDING
	EXISTING SPOT GRADE
	PROPOSED SPOT GRADE
	EXISTING STONE WALL
	EXISTING FENCE LINE
	EXISTING HYDRANT
	EXISTING POLE
	SHORE LINE
	SITE LIGHTING
	PROPERTY LINE/M.P.L.
	GRANITE BOUND
	IRON PIN
	STAKE
	DREDGE SAMPLE LOCATION
	BORING LOCATION
	FLOOD ZONE BOUNDARY

NO.	BENCH MARK LOCATIONS:
8451552	BRISTOL FERRY - DISK SET IN CONC. SEAWALL SW SIDE OF MT. HOPE BRIDGE
8454049	QUONSET POINT - DISK SET IN SOUTH SIDE OF PIER @ AMERICAN SHIPYARDS DOCK
8453767	PAWTUXET COVE, PROVIDENCE, RI DISK SET IN CONCRETE SEAWALL OF ASPREY BOAT HOUSE LWO 115
	PROJECT DATUM NAVD88

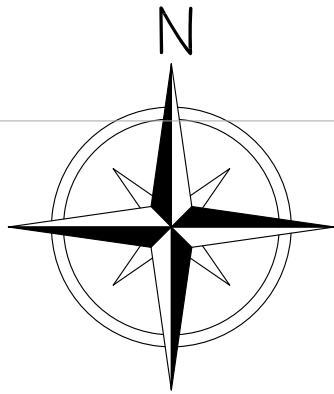
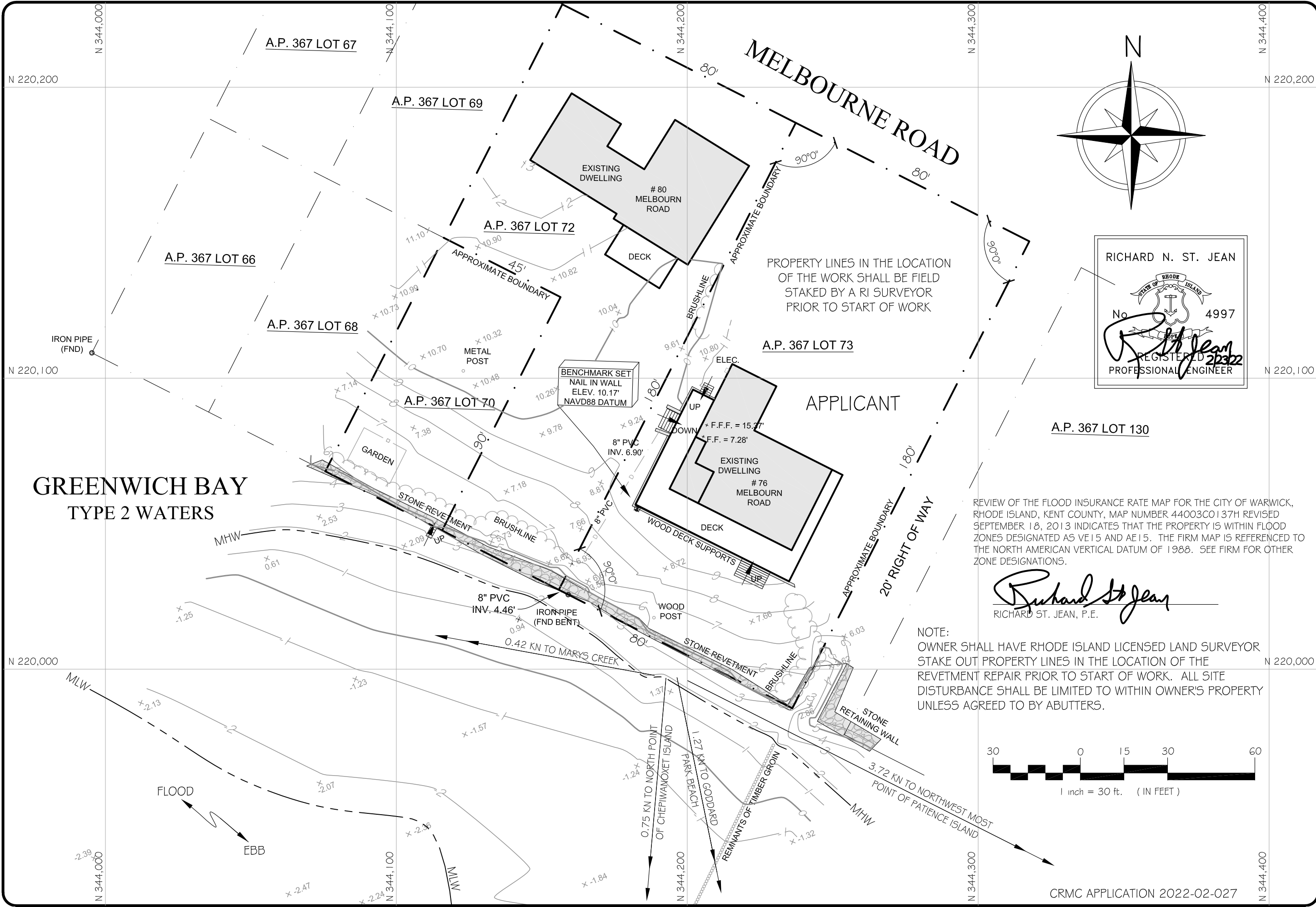
U. O. N.	UNLESS OTHERWISE NOTED
N. T. S.	NOT TO SCALE
I. A. W.	IN ACCORDANCE WITH
TYP.	TYPICAL
R & D	REMOVE AND DISPOSE
BIT.	BITUMINOUS CONCRETE
F. F.	FINISH FLOOR
T. O. F.	TOP OF FOUNDATION
M. P. L.	MARINA PERIMETER LINE
S.J.E.	ST. JEAN ENGINEERING LLC
S. F.	SQUARE FOOT
EXTG.	EXISTING
SMH	SEWER MANHOLE
DMH	DRAINAGE MANHOLE
MIN.	MINIMUM
HDG	HOT DIPPED GALVANIZED
SS	STAINLESS STEEL

CRMC ASSENT NO. 2022-02-027



ST. JEAN ENGINEERING, LLC CIVIL, MARINE AND STRUCTURAL CONSULTING ENGINEERING 209 Arnold Neck Drive Warwick, RI 02886 Phone: 401.398.0999 email: st.jean.engineering@verizon.net	Prepared By:	ANNE M. MONIZ 76 MELBOURN RD. ASSESSORS PLAT 367. WARWICK, RI 02886 LOT 73	REVIEWMENT REPAIR NOTES & LEGEND	Drawn By: rstj Checked By: Scale: N.T.S. Date: 3/7/2022	1. REVISE FOR CATEGORY B ASSENT, ADD COASTAL BUFFER PLANTING (2/23/22) REVISIONS	COASTAL RESOURCES MANAGEMENT COUNCIL

SHT NO. C2 OF 5

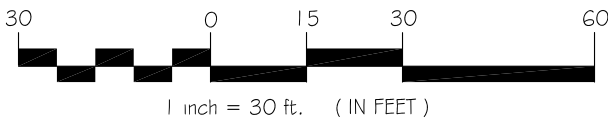


RICHARD N. ST. JEAN
No. 4997
REGISTERED PROFESSIONAL ENGINEER
202322

REVIEW OF THE FLOOD INSURANCE RATE MAP FOR THE CITY OF WARWICK, RHODE ISLAND, KENT COUNTY, MAP NUMBER 44003C0137H REVISED SEPTEMBER 18, 2013 INDICATES THAT THE PROPERTY IS WITHIN FLOOD ZONES DESIGNATED AS VE15 AND AE15. THE FIRM MAP IS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988. SEE FIRM FOR OTHER ZONE DESIGNATIONS.

Richard St. Jean
RICHARD ST. JEAN, P.E.

NOTE:
OWNER SHALL HAVE RHODE ISLAND LICENSED LAND SURVEYOR STAKE OUT PROPERTY LINES IN THE LOCATION OF THE REVETMENT REPAIR PRIOR TO START OF WORK. ALL SITE DISTURBANCE SHALL BE LIMITED TO WITHIN OWNER'S PROPERTY UNLESS AGREED TO BY ABUTTERS.



CRMC APPLICATION 2022-02-027

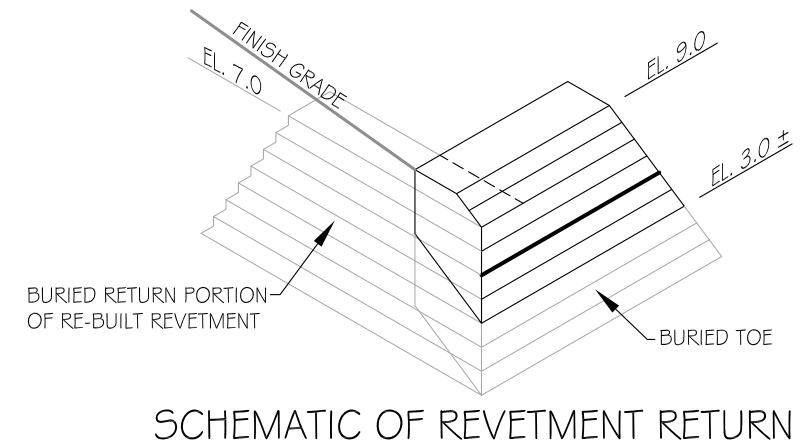
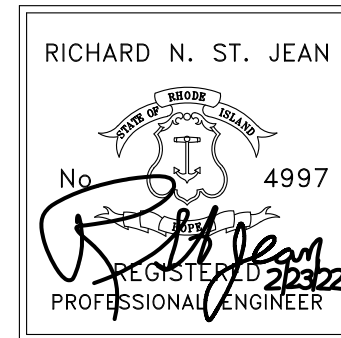
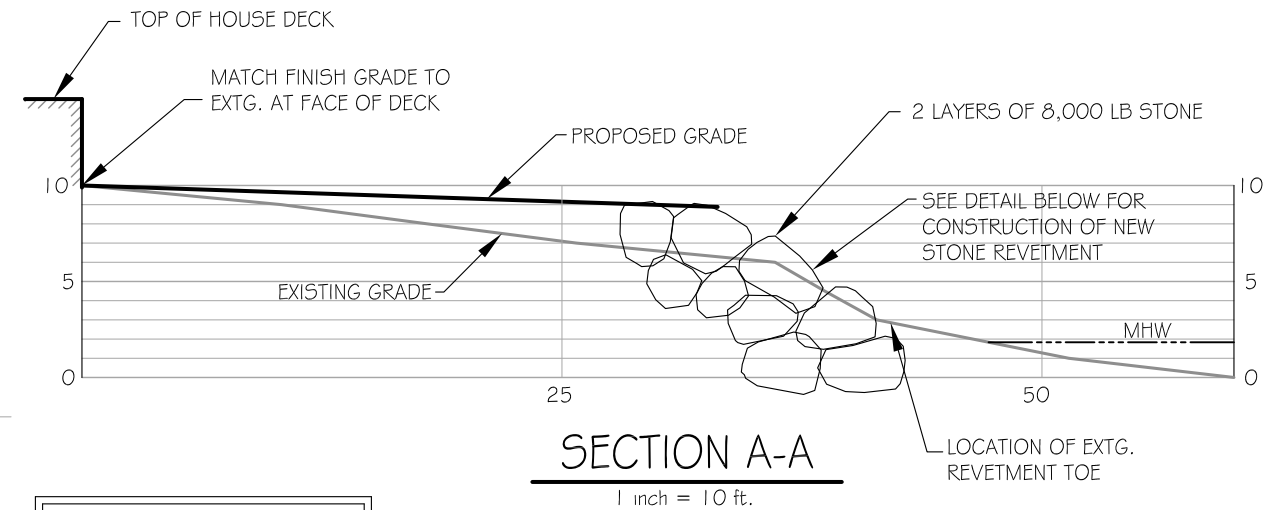
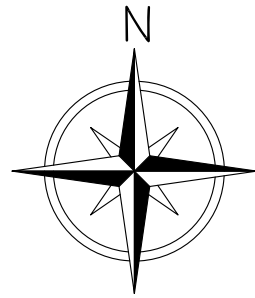
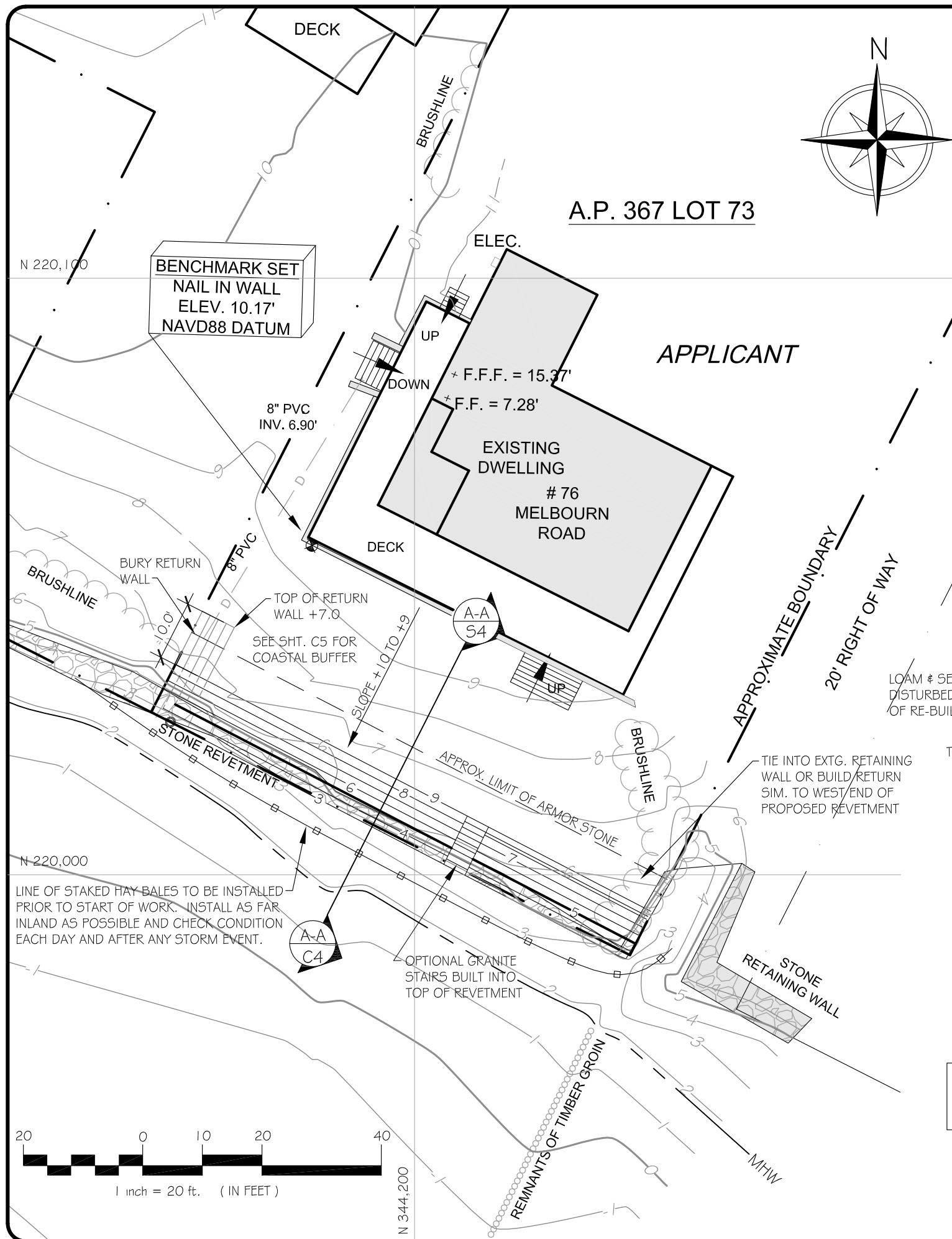
REVISIONS
REVISE FOR CATEGORY B ASSENT, ADD COASTAL BUFFER PLANTING (2/23/22)

Drawn By: rstj
Checked By: **RECEIVED**
Date: 3/7/2022
COASTAL RESOURCES MANAGEMENT COUNCIL

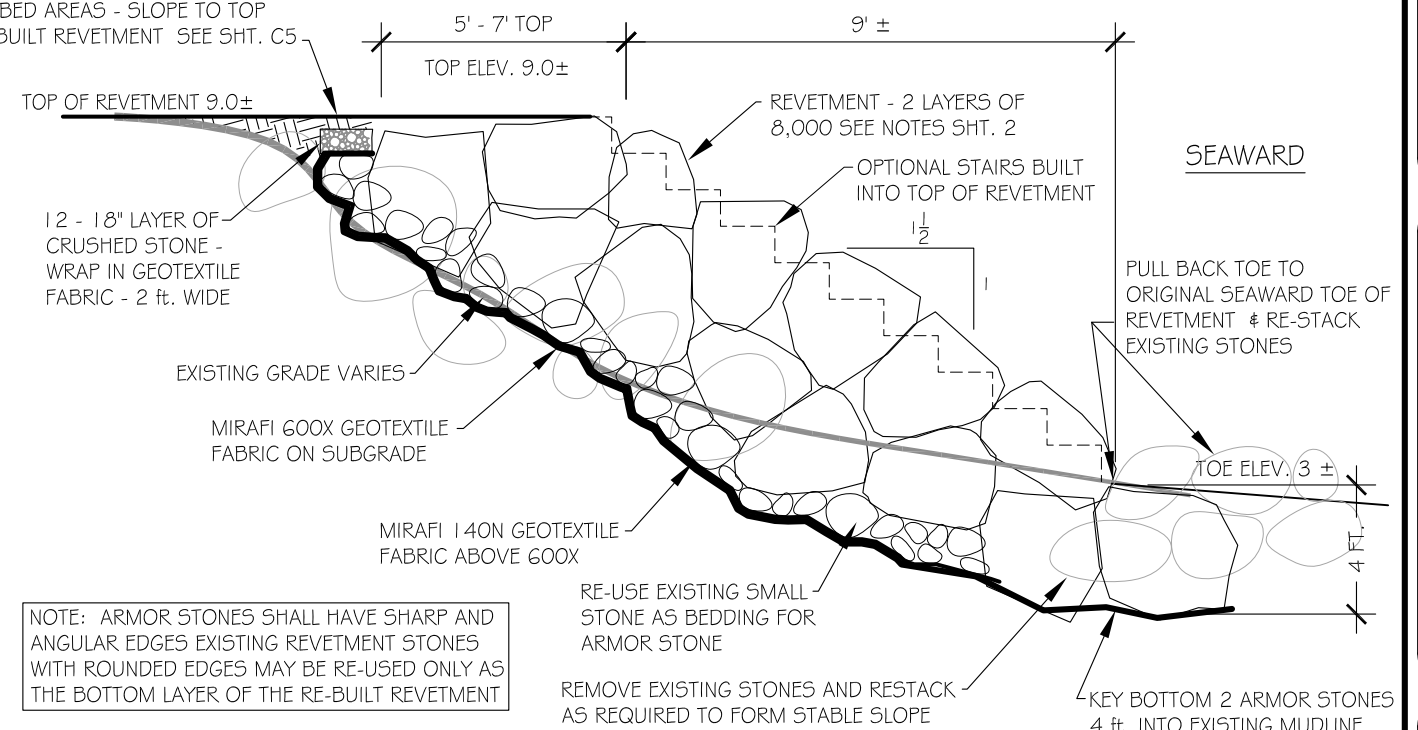
Prepared for Applicant: ANNE M. MONIZ
WARWICK, RI 02886
76 MELBOURN RD., LOT 73
ASSESSORS PLAT 367.
REVIEWMENT REPAIR
EXISTING CONDITIONS PLAN

Prepared By: ST. JEAN ENGINEERING, LLC
CIVIL, MARINE AND STRUCTURAL CONSULTING ENGINEERING
209 Arnold Neck Drive
Warwick, RI 02886
Phone: 401.398.0999
email: st.jean.engineering@verizon.net

SHT NO.
C3
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LOAM & SEED OR RE-PLANT
DISTURBED AREAS - SLOPE TO TOP
OF RE-BUILT REVETMENT SEE SHT. C5



CRMC ASSENT NO. 2022-02-027

REVISIONS

1. REVISE FOR CATEGORY B ASSENT, ADD
COASTAL BUFFER PLANTING (2/23/22)

Drawn By: rstj

Checked By: [RECEIVED]

Date: 3/7/2022

COASTAL RESOURCES
MANAGEMENT COUNCIL

Prepared for Applicant:
ANNE M. MONIZ
76 MELBOURN RD.
WARWICK, RI 02886
ASSESSORS PLAT 367.
LOT 73

RECVETMENT REPAIR
PROPOSED REPAIR PLAN

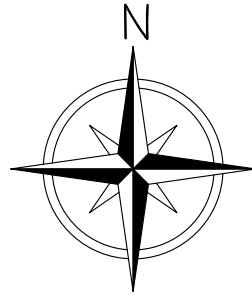
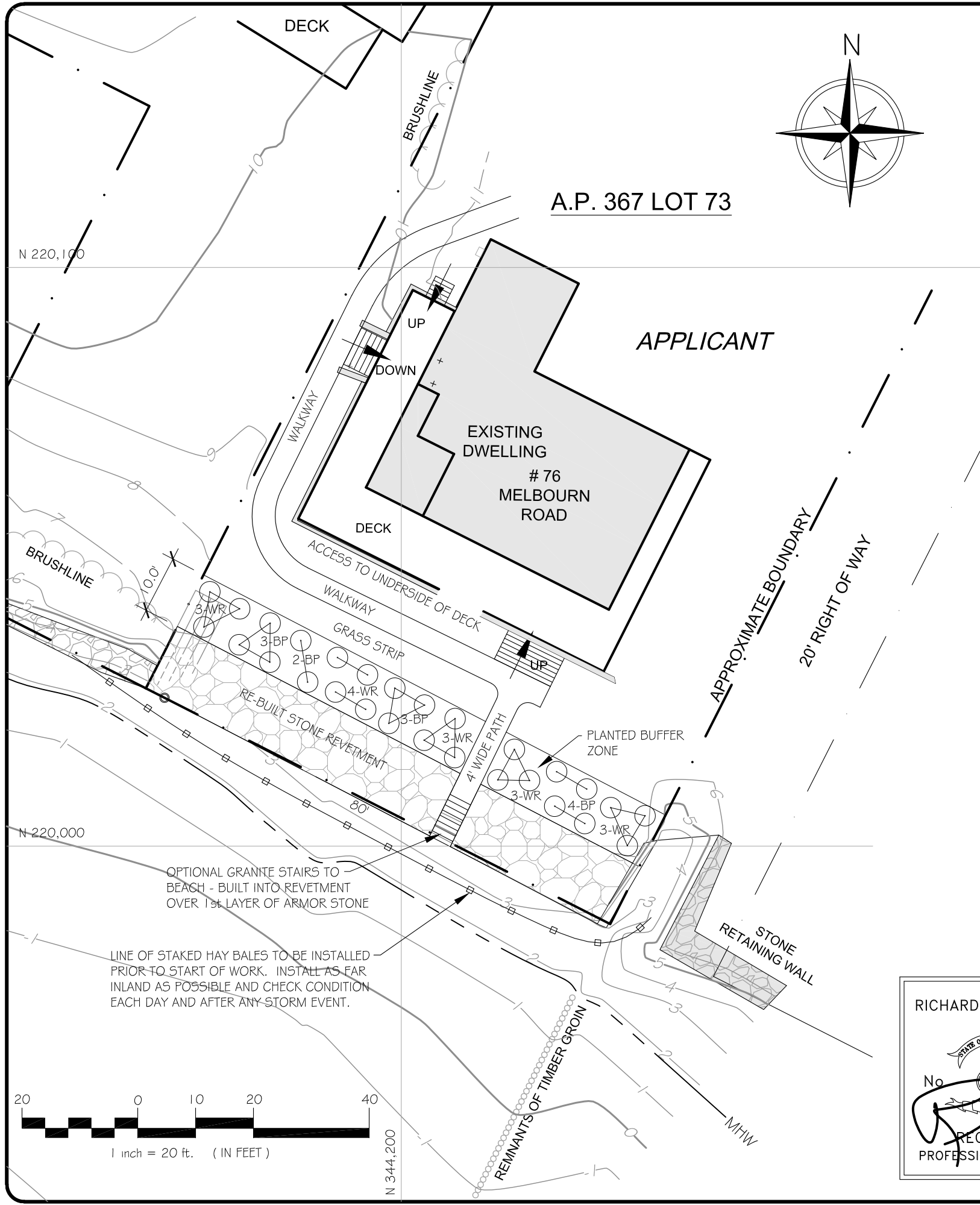
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209 Arnold Neck Drive
Warwick, RI 02886

SHT NO.
C4

OF 5



A.P. 367 LOT 73

APPLICANT

EXISTING
DWELLING
76
MELBOURN
ROAD

DECK

WALKWAY
ACCESS TO UNDERSIDE OF DECK
WALKWAY

BRUSHLINE
GRASS STRIP
RE-BUILT STONE REVETMENT
3-WR
3-BP
2-BP
4-WR
3-BP
3-WR

PLANTED BUFFER
ZONE
3-WR
4-BP
3-WR

APPROXIMATE BOUNDARY
20' RIGHT OF WAY

STONE
RETAINING WALL

REMNANTS OF TIMBER GROIN

MHW

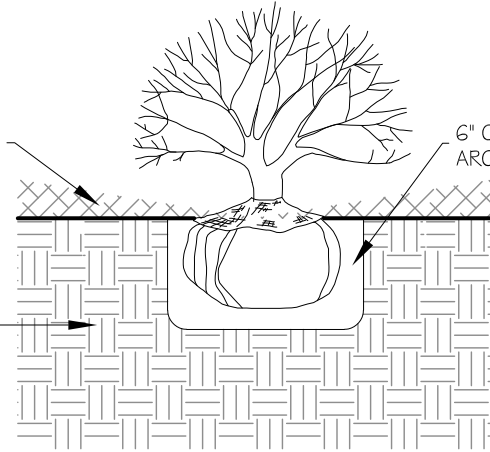
OPTIONAL GRANITE STAIRS TO
BEACH - BUILT INTO REVETMENT
OVER 1st LAYER OF ARMOR STONE

LINE OF STAKED HAY BALES TO BE INSTALLED
PRIOR TO START OF WORK. INSTALL AS FAR
INLAND AS POSSIBLE AND CHECK CONDITION
EACH DAY AND AFTER ANY STORM EVENT.

20 0 10 20 40
1 inch = 20 ft. (IN FEET)

1 TIME APPLICATION OF
SHREDDED HARDWOOD
MULCH 1 TO 2" THICK

IN-SITU SOILS



SHRUB PLANTING

SCALE: N.T.S.

PLANTING DENSITY:

SMALL SHRUBS (< 10' TALL)

LARGE SHRUBS (> 10' TALL)

3' to 6' APART

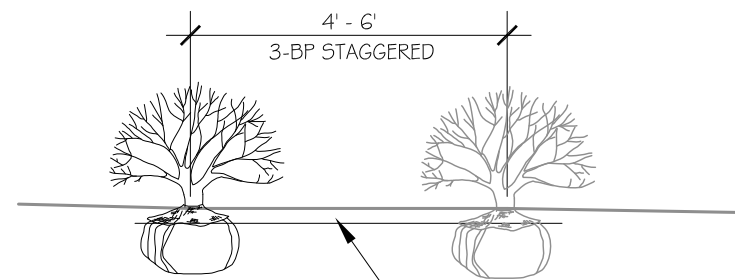
5' to 8' APART

MINIMUM PLANTING SIZE:

SHRUBS SHOULD HAVE A MINIMUM CONTAINER SIZE OF 5
GALLONS.

BUFFER ZONE PLANTING:

COASTAL BUFFER ZONE IS PROPOSED TO BE PLANTED IN
ACCORDANCE WITH THE RHODE ISLAND COASTAL RESOURCES
MANAGEMENT COUNCIL "COASTAL BUFFER ZONE PLANTING GUIDE",
2008 USING THE MARITIME OR COASTAL SHRUBLAND GUIDELINES.
DESIGNATIONS SHOWN ON THE PLAN REFER TO BEACH PLUM (BP)
AND WILD ROSE (WR). Highbush blueberry or bayberry may be
substituted for plants shown. Existing vegetation along the
coastal feature shall remain.



BOTTOM CONSISTS OF 2"-4" OF AMENDED
SOIL (50% NATIVE + 50% MATURE
ORGANIC COMPOST) AND A 2" LAYER OF
NON-DYED AGED SHREDDED HARDWOOD
MULCH

SECTION THRU PLANTED BUFFER

RICHARD N. ST. JEAN



No. 4997
REGISTERED
PROFESSIONAL ENGINEER

CRMC ASSENT NO. 2022-02-027

Drawn By: rstj

Checked By:

Scale: 1" = 20'

Date: 3/7/2022

COASTAL RESOURCES
MANAGEMENT COUNCIL

Prepared for Applicant:

ANNE M. MONIZ

76 MELBOURN RD.
WARWICK, RI 02886
ASSESSORS PLAT 367.

REVIEWED

PROPOSED COASTAL BUFFER PLAN

Prepared By:
ST. JEAN ENGINEERING, LLC

CIVIL, MARINE AND STRUCTURAL
CONSULTING ENGINEERING

209 Arnold Neck Drive
Warwick, RI 02886
Phone: 401.398.0999
email: st.jean.engineering@verizon.net

SHT NO.

C5

OF 5

REVISIONS
1. REVISE FOR CATEGORY B ASSENT, ADD
COASTAL BUFFER PLANTING (2/23/22)