

PLAN REFERENCES:
 EASTWARD LOOK, NARRAGANSETT, RHODE ISLAND, BY OCEAN STATE IMPROVEMENT CO., SCALE 1" = 50', JUNE 7, 1971, WHITTEMORE & ASSOC. CONSULTING ENGINEERS, PLAT BOOK 6 PAGE 92

WETLAND NOTE:
 WETLANDS FLAGGED BY AVZINIS ENVIRONMENTAL SERVICES INC.

- RAIN GARDEN DESIGNING NOTES:**
1. THE RAIN GARDEN HAS BEEN DESIGNED TO MEET THE STANDARDS OF STORMWATER MANAGEMENT, DESIGN, AND INSTALLATION RULES (280-RICR-150-10-B) AND THE STATE OF RHODE ISLAND STORMWATER MANAGEMENT GUIDANCE FOR INDIVIDUAL SINGLE FAMILY RESIDENTIAL LOT DEVELOPMENT.
 2. THE PROPOSED RESIDENTIAL DEVELOPMENT ON THE LOT WILL CREATE 3,640 SQ. FT. OF IMPERVIOUS SURFACE FOR THE PROPOSED SINGLE-FAMILY HOME. THE DRIVEWAY SHALL CONSIST OF 3 1/4" ANGULAR CRUSHED WASHED STONE AND MEET THE REGULATORY REQUIREMENT TO BE CONSIDERED PERVIOUS.
 3. THE PROPOSED RAIN GARDEN MEETS THE REQUIRED SETBACKS OF TABLE 1 FROM THE STATE OF RHODE ISLAND STORMWATER MANAGEMENT GUIDANCE FOR INDIVIDUAL SINGLE-FAMILY RESIDENTIAL LOT DEVELOPMENT.
 4. SOILS WITHIN THE VICINITY OF THE RAIN GARDEN WERE ASSESSED BY EDWARD J. AVZINIS, CPSS, PWS (DEM SE 4283) ON JUNE 15, 2022 AND WERE FOUND SUITABLE FOR RAIN GARDEN USE. SHWT HAS BEEN ESTIMATED AT 22 INCHES AT THE INTERFACE OF THE Bw Cd HORIZONS.

HORIZON	DEPTH	COLOR	TEXTURE	REDOXIMORPHIC FEATURES
A _p	0-13	7.5YR 3/1	fsl	-
B _w	13-22	5YR 4/3	fsl	-
C _d	22-23	5YR 4/2	sil	r, i, p-concentrations

5. IN ACCORDANCE WITH TABLE B: RAIN GARDEN SIZING FOR FINE TEXTURED GARDEN SOILS, THE REQUIRED SIZE FOR THE PROPOSED 8-INCH DEEP RAIN GARDEN IS 592 SQ. FT. THE PROPOSED IS 612 SQ. FT. (18'X34')

- RAIN GARDEN CONSTRUCTION NOTES:**
6. THE RAIN GARDEN SHALL BE CONSTRUCTED TO BE LEVEL AND ENCOURAGE THE EVEN DISTRIBUTION OF STORMWATER AND INCREASE INFILTRATION CAPACITY.
 7. NATIVE SOIL SHALL BE EXCAVATED 15" BELOW EXISTING GRADE, THEN BACK FILLED WITH 4" OF 50/50 LOAM/COMPOST MIX, THEN TOPPED WITH 3" OF NON-DYED AGED SHREDDED HARDWOOD MULCH TO ACHIEVE A FINAL DEPTH OF 8".
 8. A CRUSHED STONE ENTRANCE SHALL BE INSTALLED AT THE INFLOWS TO PREVENT CHANNELING.
 9. A BERM SHALL BE CONSTRUCTED ON THE DOWNHILL SIDE TO DETAIN STORMWATER AND SHALL BE PERPENDICULAR TO THE SLOPE OF THE LAWN.
 10. SPECIAL CARE SHALL BE OBSERVED TO ENSURE THAT THE SOIL WITHIN THE RAIN GARDEN AREA DOES NOT BECOME COMPACTED BY CONSTRUCTION ACTIVITIES (I.E. HEAVY MACHINERY). IF SOILS BECOMES SEVERELY COMPACTED IT WILL BE TILLED AND AMENDED TO MAINTAIN PROPER DRAINAGE.

- RAIN GARDEN MAINTENANCE NOTES:**
11. THE RAIN GARDEN SHALL BE INSPECTED FOLLOWING AT LEAST THE FIRST TWO PRECIPITATION EVENTS OF AT LEAST 1.0 INCH TO ENSURE THAT THE SYSTEM IS FUNCTIONING PROPERLY. THEREAFTER, THE RAIN GARDEN SHALL BE MONITORED AND MAINTAINED TO ASSURE PROPER FUNCTIONING, PLANT GROWTH AND SURVIVAL. PLANTS SHALL BE REPLACED ON AN AS NEEDED BASIS DURING THE GROWING SEASON.
 12. SILT/SEDIMENT SHALL BE REMOVED FROM THE RAIN GARDEN WHEN THE ACCUMULATION EXCEEDS ONE INCH, OR WHEN WATER POUNDS ON THE SURFACE OF THE RAIN GARDEN FOR MORE THAN 48 HOURS.
 13. PRUNING OR REPLACEMENT OF WOODY VEGETATION SHALL OCCUR WHEN DEAD OR DYING VEGETATION IS OBSERVED.
 14. SOIL EROSION GULLIES SHALL BE REPAIRED WHEN THEY OCCUR.
 15. FERTILIZER OR PESTICIDES SHALL NOT BE APPLIED TO PLANTS WITHIN THE RAIN GARDEN.
 16. PERENNIAL PLANTS AND GROUND COVERS SHALL BE REPLACED AS NECESSARY TO MAINTAIN AN ADEQUATE VEGETATED GROUND COVER.

ZONING: R-10 (10,000 S.F.)
 MINIMUM LOT FRONTAGE - 100'
 YARDS: FRONT - 25'
 SIDE - 10'
 REAR - 20'
 MAXIMUM LOT COVERAGE - 25%

PROPOSED LOT COVERAGE NOTE:
 HOUSE 3,500 SQ. FT.
 PROPOSED TOTAL = 3,500 SQ. FT.
 3,500 SQ. FT. / 19,800 SQ. FT. = 17.7% LOT COVERAGE

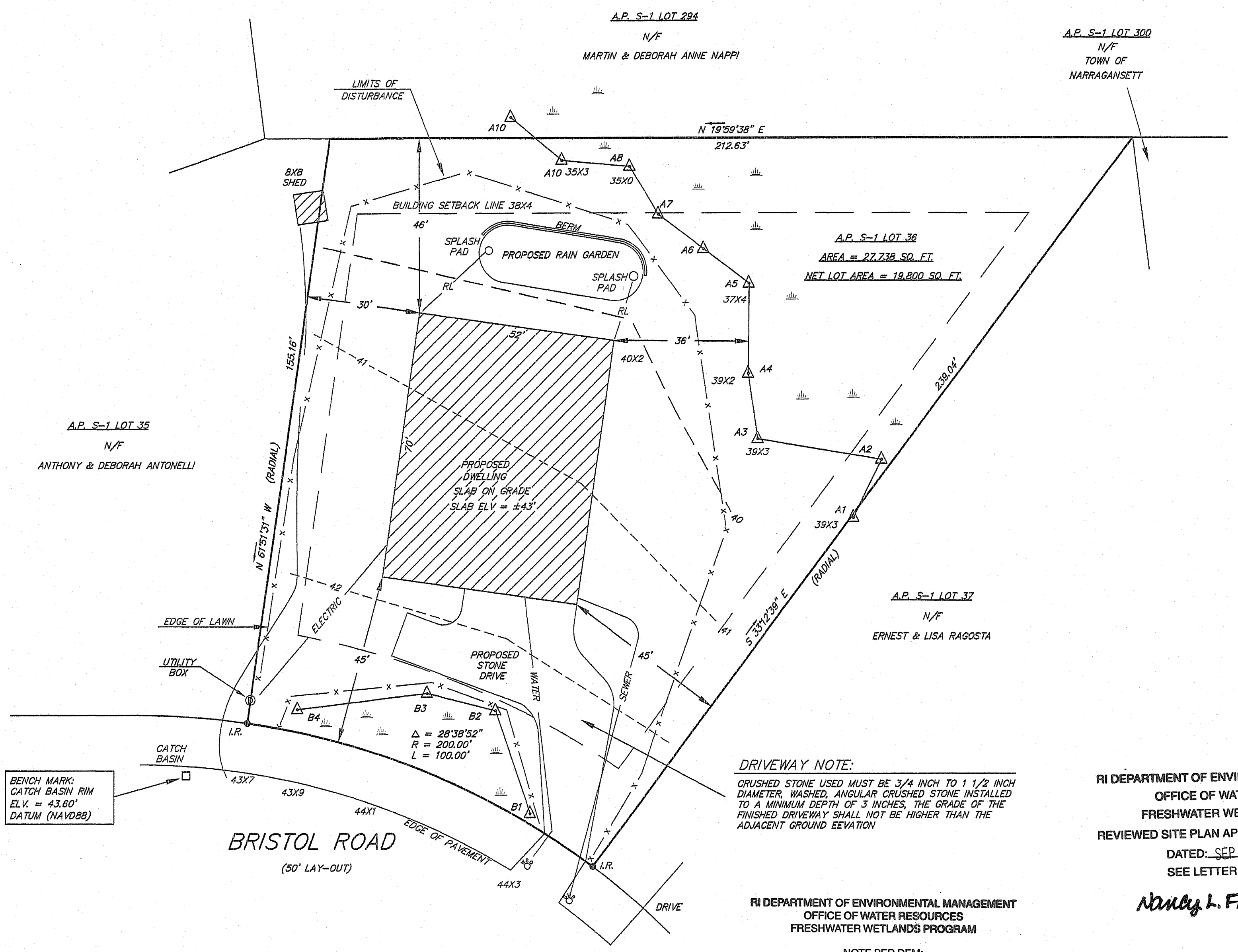
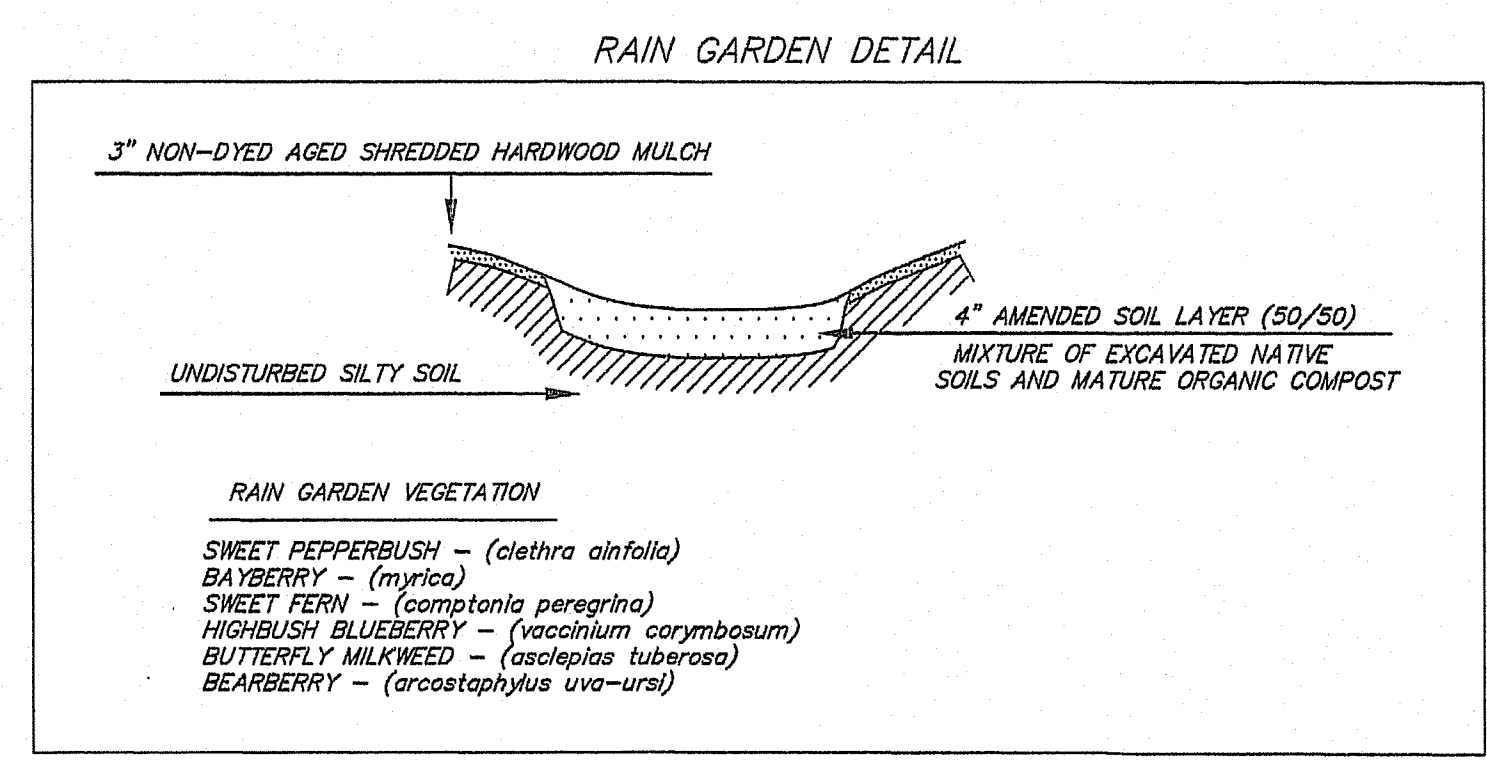
SITE DATA:
FLOOR AREA RATIO MATRIX:

TIER	NET LOT AREA	FAR	MAXIMUM HARDSCAPE
19	19,001 - 20,000	0.25	50%

MAXIMUM FLOOR AREA ALLOWED 4,950 SQ. FT.
 19,800(0.25) = 4,950 SQ. FT.
FLOOR AREA RATIO (FAR)
 THE AGGREGATE FLOOR AREA OF A BUILDING DIVIDED BY THE TOTAL NET LOT AREA OF THE GIVEN PARCEL EXPRESSED AS A DECIMAL

EXISTING SITE CONDITION NOTE:
 1.) SITE IS EXTREMELY VEGETATED WITH GNARLY GROWTH AND DIFFICULT TO MANUEVER THROUGH

- GENERAL NOTES:**
- 1.) SITE LIES IN ZONE "X" PER FEMA FLOOD INSURANCE MAP COMMUNITY PANEL # 44009 C 0213 J DATED:10/16/2013
 - 2.) FILTRATION SOCK AND OR SILT FENCE SHALL BE INSTALLED AT ALL DOWN GRADIENT LIMITS OF DISTURBANCE PRIOR TO EARTH DISTURBING ACTIVITIES AND SHALL BE MAINTAINED UNTIL ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED.
 - 3.) ALL WORK SHALL CONFORM TO ALL LOCAL AND STATE PERMITS AND REGULATIONS.
 - 4.) ALL PERMANENTLY DISTURBED AREAS SHALL BE STABILIZED WITH 4" LOAM AND SEED OR SOD.
 - 5.) SITE TO BE SERVICED BY MUNICIPAL SEWER AND WATER.
 - 6.) PROPERTY LINES, PROP. HOUSE AND LIMITS OF WORK SHALL BE ACCURATELY LOCATED AND SURVEY STAKED PRIOR TO COMMENCEMENT OF ANY WORK
 - 7.) ALL UTILITIES SHOWN FROM BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY ALL INFORMATION WITH THE APPROPRIATE UTILITY AUTHORITY AND DIG-SAFE PRIOR TO ANY CONSTRUCTION OR EXCAVATION.



LEGEND

- A.P. ASSESSORS PLAT
- N/F NOW OR FORMERLY
- G.B. GRANITE BOUND
- A1 WETLAND FLAG
- I.R. IRON ROD RECOVERED
- I.P. IRON PIPE
- MG MAG NAIL SET
- FND FOUND
- UTILITY POLE
- 22/15 DEED BOOK AND PAGE
- SEWER MAN-HOLE
- 25 - - - EXISTING CONTOUR
- 25X2 ELEVATION SPOT SHOT
- PROPOSED SEWER LATERAL
- PROPOSED WATER SERVICE
- x - - - LIMITS OF DISTURBANCE

DRIVEWAY NOTE:
 CRUSHED STONE USED MUST BE 3/4 INCH TO 1 1/2 INCH DIAMETER, WASHED, ANGULAR CRUSHED STONE INSTALLED TO A MINIMUM DEPTH OF 3 INCHES. THE GRADE OF THE FINISHED DRIVEWAY SHALL NOT BE HIGHER THAN THE ADJACENT GROUND ELEVATION

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 REVIEWED SITE PLAN APPLICATION #: 22-0232
 DATED: SEP 15 2022
 SEE LETTER OF SAME DATE

Nancy L. Freeman

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM

NOTE PER DEM:

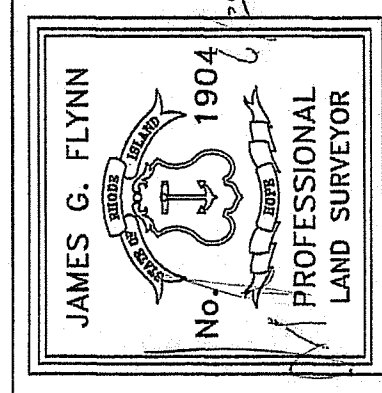
Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site

Environmental Management
 SEP - 6 2022
 Office of Water Resources

PREPARED FOR:
 JAMES & DEBORAH BUFFI
 45 CONNORS FARM DRIVE
 SMITHFIELD, R.I. 02917-1418

SURVEY STREET INDEX
 THIS PLAN SHALL BE FILED UNDER
 BRISTOL ROAD

FLYNN SURVEYS, INC.
 22 STANTON AVENUE
 NARRAGANSETT, R.I. 02882
 401-783-6290
 LAND SURVEYING / MAPPING / SITE PLANNING



THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO 435-RICR-00-00-01 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON APRIL 18, 2018, AS FOLLOWS:
 CLASS 1
 COMPREHENSIVE BOUNDARY SURVEY
 CLASS 1
 THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND THE PREPARATION OF THE PLAN IS AS FOLLOWS:
 WETLANDS PLAN
 BY: JAMES G. FLYNN, P.L.S., NO. 1904, CONF. A 289

SURVEY WETLANDS PLAN
 SHOWING PROPOSED CONSTRUCTION
 BRISTOL ROAD
 ASSESSOR'S PLAT S-1 LOT 36
 NARRAGANSETT, R.I.

JOB NO. 1705
 DRAWING NO. 1705

DATE: JUNE 22, 2022
 SCALE: 1" = 20'