

Sample Advertisement

Application of John and Pamela Connors whose property is located at 222 Beacon Avenue and is further identified as Tax Assessor's Plat 16, Lot 73 for a Special Use Permit under Article 3, Section 82-314 entitled "High Groundwater and Impervious Layer Overlay District" for development in Subdistrict A and Article 6, Section 82-601 et seq. entitled "Special Use Permits Authorized by this Ordinance". Applicants seek to construct a two bedroom home. The seasonal high groundwater table is equal to 18 inches which places this parcel in Subdistrict A of Section 82-314.

Said property is located in an R-40 zone and contains 14,400 square feet.

received
11-12-22 pw

TOWN OF JAMESTOWN
ZONING BOARD OF REVIEW

Application for Exception or Variation under the Zoning Ordinance

Zoning Board of Review;

Jamestown, R. I.

Date October 7, 2022

Gentlemen:

The undersigned hereby applies to the Zoning Board of Review for an exception or a variation in the application of the provisions or regulations of the zoning ordinance affecting the following described premises in the manner and on the grounds hereinafter set forth.

Applicant John and Pamela Connors Address PO Box 575, Jamestown, RI 02835

Owner same Address _____

Lessee none Address _____

1. Location of premises: No. 222 Beacon Avenue Street _____

2. Assessor's Plat 16 Lot 73

3. Dimensions of lot: frontage 120' ft. depth 120' ft. Area 14,400 sq. ft.

4. Zoning Districts in which premises are located: Use R 40 Area 40,000 Height 35'

5. How long have you owned above premises? since 6/29/2022

6. Is there a building on the premises at present? no

7. Size of existing building na

Size of proposed building or alteration 1337 SF dwelling, 44 SF covered porch, 59 SF concrete apron and 120 SF shed (exempt)

8. Distance of proposed bldg. or alteration from lot lines:

front 46' rear 31' left side 23' right side 52'

9. Present use of premises: vacant land

10. Proposed use of premises: single family home

Location of septic tank & well on lot see attached plan

11. Give extent of proposed alterations Applicants seek to construct a single family home

12. Number of families for which building is to be arranged: one

13. Have you submitted plans for above to Inspector of Buildings? yes

Has the Inspector of Buildings refused a permit? yes

14. Provision or regulation of Zoning Ordinance or State Enabling Act under which application for exception or variance is made:

See attached

15. State the grounds for exception or variation in this case:

See attached

Respectfully Submitted,

Signature 

Address PO Box 575
Jamestown, RI 02835

Telephone No. 401-641-0533

NOTE: A LOCATION PLAN AND SKETCH AND DRAWINGS NECESSARY TO GIVE FULL INFORMATION MUST BE FILED WITH THE APPLICATION.

Zoning Relief Application

14.

A Special Use Permit is requested under Article 3, Section 82-314 entitled “High Groundwater and Impervious Layer Overlay District” for development in Subdistrict A and Article 6, Section 82-601 et seq. entitled “Special Use Permits Authorized by this Ordinance”.

15.

Applicants seek to build a two bedroom home on this 14,400 square foot lot. The proposed home will have a footprint of 1,337 SF, a 44 SF covered porch and a 59 SF covered apron. The proposed 120 SF shed is exempt from lot coverage calculations. No variances are required with regard to setbacks, lot coverage or height. Maximum impervious coverage under Section 82-314 is 10% and this application meets that standard. The Applicants have received RIDEM approval to install an advanced treatment OWTS. In addition, Applicants will construct a rain garden sufficient in size to provide water quality treatment and stormwater management of rooftop runoff that exceeds the requirements of Section 82-314.



Application Form
Jamestown Zoning Section 314
High Ground Water Table and
Impervious Layer Overlay District

SECTION I: GENERAL INFORMATION

PROPERTY OWNER: John + Pamela Connors TELEPHONE: (401) 641-0533
 MAILING ADDRESS: PO Box 575, Jamestown, RI 02835

SITE LOCATION: 222 Beacon Avenue (STREET)
 PLAT: 16 LOT: 73 LOT AREA: 14,400 SF

PROJECT DESCRIPTION: To Construct a 2-Bedroom dwelling, OWTS, Well, Crushed Stone Driveway, shed, + 2 Rain Gardens.

SECTION II: SOIL INFORMATION

CLASS IV SOIL EVALUATOR:
 NAME: Richard Pastore RIDEM LICENSE #: 4042 TELEPHONE: (401) 895-7255
 NUMBER OF SOIL EVALUATIONS: 2 (ATTACH ALL SOIL EVALUATIONS)
 DEPTH TO SEASONAL HIGH GROUNDWATER TABLE (IN INCHES): 18"
 DEPTH TO CATEGORY 9 SOILS (IN INCHES): 60"

OFFICE ONLY: SUB-DISTRICT CLASSIFICATION: A or B

SECTION III: OWTS INFORMATION

TYPE OF OWTS: Septitech to BSF RIDEM PERMIT #: 0215-0162
 DISTANCE BETWEEN THE WELL AND LEACHFIELD: 110'
 OWTS AND WELL LOCATED ON THE SAME LOT AS THE STRUCTURE IT SERVES? OR N

SECTION IV: SITE INFORMATION

TYPE OF STORMWATER CONTROL SYSTEM: Rain Gardens (2)
 TOTAL BUILDABLE AREA (TOTAL LOT AREA - WETLAND AREA): 14,400 sf
 PROPOSED IMPERVIOUS AREA: 1,440 sf 120 SF Shed is Exempt
 % IMPERVIOUS COVERAGE ALLOWED: 10%
 % IMPERVIOUS COVERAGE PROPOSED: 10%
 (AREA IMPERVIOUS / TOTAL BUILDABLE AREA)

SECTION V: CONTACT INFORMATION

OWTS DESIGNER:
NAME: Patrick J. Freeman RIDEM LICENSE #: 13125

ADDRESS: 400 South County Trail, Suite A201
Exeter, RI 02822

SIGNATURE: _____ DATE: _____

TELEPHONE: (401)294-4090 EMAIL: Patrick@AmericanEngineeringRI.com

STORMWATER SYSTEM DESIGNER:
NAME: Same as Above STATE LICENSE #: _____

ADDRESS: _____

SIGNATURE: _____ DATE: _____

TELEPHONE: _____ EMAIL: _____

APPLICANT CONTACT INFORMATION:
NAME: John + Pamela Connors

ADDRESS: PO Box 575
Jamestown, RI 02835

SIGNATURE: John Connors DATE: 9/1/22

TELEPHONE: (401)641-0533 EMAIL: John.862@aol.com

SUBMISSION REQUIREMENTS

Submit one copy of the following items for preliminary review. Applicant will be notified when additional copies are required for Planning Board review.

- Application Form
- Site Plan
- Soil Evaluations (include all results for site)
- Stormwater Analysis
- Project Narrative
- Proposed Building Floor Plans (if applicable)
- Approved RIDEM OWTS permit

Contact Jean Lambert at 423-7193 or jlambert@jamestownri.net with questions regarding HGWT applications.



Town of Jamestown, Rhode Island

Engineering/GIS Office

93 Narragansett Ave ♦ Jamestown, RI 02835 – 1509

Date: September 21, 2022

To: Building Files
Lisa Bryer, Town Planner

From: Jean Lambert, P.E.

RE: Zoning Section 82-314: High Groundwater Table and Impervious Overlay District, **Sub-District A**
John & Pamela Connors: AP 16, Lot 73; 222 Beacon Ave, Jamestown, RI

I have reviewed the site plan entitled, "Town Submission for John Connors, Located at AP 16 Lot 73, 222 Beacon Avenue, Jamestown RI" dated 9/1/22, prepared by American Engineering, Inc.

Existing Site/Soil Information:

The existing undeveloped property is 14,400 square feet (sf) in area. Topography on the lot generally slopes to the northwest on the site towards Beacon Avenue. There are no freshwater wetlands on the property.

Soil evaluation results show that the site falls under **Sub-district "A"** requirements of the High Groundwater Table and Impervious Overlay District with 18" to the seasonal high-water table and 60" to impervious soil. The maximum impervious cover allowed is **10.0% or 1440 sf**.

Proposed Site:

The applicant is proposing to develop the site with a house, crushed stone driveway, deck, well, and an advanced treatment OWTS (Septitech to bottomless sand filter: RIDEM #0215-0162). The OWTS permit for 2-bedrooms was issued on 8/11/2022. The total proposed impervious cover will be **1440 sf or 10.0%**. An existing 120 sf shed that was previously allowed under the HGWT Ordinance exemption in September 2020 will remain.

A rain garden is proposed to provide water quality treatment and stormwater mitigation of new rooftop runoff. The required stormwater treatment volume for the new rooftop is 611 cubic feet (cf). The total proposed volume is 638 cf.

Zoning Section 82-314 Review

Impervious Coverage & Stormwater Management:

The proposed impervious cover is **10.0%**. The maximum allowable impervious coverage for this site is 10%. The rain garden provides treatment and mitigation for the new impervious rooftop. **OK**

Recommendations/Conclusions:

- Erosion and sediment controls must be installed at the down gradient limits of site disturbance and maintained until stabilization of the site is attained.
- After installation, maintenance and inspection of the OWTS shall continue as required by the Town Onsite Wastewater Management Ordinance.
- The rain garden shown on the approved site plans must be installed and maintained as outlined on the notes on the approved site plan and the operation and maintenance plan.
- Any additional future site work that increases the area of impervious coverage will require a review following the requirements of the High Groundwater Ordinance.



Office of the Town Planner
MEMORANDUM

TO: Jamestown Zoning Board of Review
FROM: Lisa Bryer, AICP Town Planner for The Jamestown
Planning Commission
RE: Motion for Zoning Section 82-314: High Groundwater
Table and Impervious Overlay District, Sub-District A –
AP 16 Lot 73, 222 Beacon Avenue
DATE: October 11, 2022

At the October 5, 2022 Planning Commission meeting, the Planning Commission voted unanimously to recommend to the Jamestown Zoning Board, approval of the application of John and Pamela Connors, applicant: 222 Beacon Avenue AP 16 Lot 73, Jamestown, RI; being reviewed under Zoning Ordinance Section 314 - High Groundwater Table and Impervious Overlay District Sub-District A review in accordance with the plans entitled "Town Submission for John Connors, Located at AP 16 Lot 73, Jamestown RI" dated 9/1/22, and the supporting material prepared by American Engineering, Inc., 400 South County Trail – Suite A 201, Exeter, RI 02822, 401-294-4090.

The recommendation for approval is based on the following findings of facts and recommended conditions of approval as noted in the Memo from Jean Lambert, PE dated September 21, 2022 and amended at the Planning Commission meeting:

Findings of Fact Section 314

1. The property is 14,400 square feet (sf) in area;
2. The existing site is currently undeveloped. It is the site of the former Jamestown Shores "club house". There is an existing shed on site;
3. Topography on the lot generally slopes to the northwest on the site towards Beacon Avenue;
4. There are no freshwater wetlands on the property;
5. Soil evaluation results show that the site falls under **Sub-district "A"** requirements of the High Groundwater Table and Impervious Overlay District with 18" to the seasonal high-water table and 60" to impervious soil;
6. The maximum impervious cover allowed is **10.0% or 1440 sf.**;
7. The applicant is proposing to develop the site with a house, crushed stone driveway, deck, well, and an advanced treatment OWTS (Septitech to bottomless sand filter: RIDEM #0215-0162). The OWTS permit for 2- bedrooms was issued on 8/11/2022;
8. The total proposed impervious cover will be **1440 sf or 10.0%**. An existing 120 sf shed that was previously allowed under the HGWT Ordinance exemption in September 2020 will remain;

9. A rain garden is proposed to provide water quality treatment and stormwater mitigation of new rooftop runoff. The required stormwater treatment volume for the new rooftop is 611 cubic feet (cf). The total proposed volume is 638 cf.;
10. The proposed impervious cover is **10.0%**. The maximum allowable impervious coverage is 10%. The rain garden provides treatment and mitigation for the new impervious rooftop in compliance with Section 314;
11. The applicant's representative Patrick Freeman, PE of American Engineering, Inc, was accepted as an expert witness, and present at the Planning Commission meeting representing the application before the Planning Commission on October 5, 2022;
12. Jamestown Engineer Jean Lambert provided correspondence to the Building File and Lisa Bryer, Town Planner dated September 21, 2022 regarding the application (attached).

Recommended Conditions of Approval

1. Erosion and sediment controls must be installed at the down gradient limits of site disturbance and maintained until stabilization of the site is attained;
2. After installation, Maintenance and inspection of the existing OWTS shall continue as required by the Town Onsite Wastewater Management Ordinance;
3. The rain gardens shown on the approved site plans must be installed and maintained as outlined on the notes on the approved site plan and the operation and maintenance plan. The Operation and Maintenance (O & M) Plan (reproduced in 8.5" x 11" for the stormwater mitigation (rain garden) shall be recorded in the Office of the Town Clerk with the Zoning Approval and evidence of such shall be provided to the Zoning Enforcement Officer as well as the Planning Department;
4. Any additional future site work including a change to the driveway surface that increases the area of impervious coverage will require a review following the requirements of the High Groundwater Ordinance. Any change that does increase impermeability can be approved admiratively by the Town Engineer.

Attachments: 1) Memo from Jean Lambert, PE dated September 21, 2022
2) A copy of the Plan referenced above dated 09/01/2022

C: Building Official/ZEO
John and Pamela Connors, Applicant
American Engineering

WATER VOLUME CALCULATIONS

FOR

John & Pamela Connors

LOCATED AT

222 Beacon Avenue
Jamestown, Rhode Island

JAMESTOWN ASSESSOR'S MAP 16, LOT 73

PREPARED FOR

John & Pamela Connors
222 Beacon Avenue
Jamestown, RI 02835

August 30, 2022

Introduction

John & Pamela Connors are proposing to construct a 1,337 s.f. dwelling, 44 s.f. covered porch, 59 s.f. concrete apron, and 120 s.f. shed, on their 14,400 s.f. property located at 222 Beacon Avenue in Jamestown. The lot is also designated as Lot 73 on Assessors Plat 16. The site is located on the easterly side of Beacon Avenue. A pervious crushed stone driveway is proposed to access the site. A 2-bedroom OWTS design consisting of a Septi-Tech Advanced Treatment System disposing to a bottomless sand filter has been approved by RIDEM (Application No. 0215-0162). As a condition of approval, the system is required to be maintained by a licensed maintenance firm. Evidence of the maintenance requirement will be recorded in Land Evidence Records to ensure future owners are aware of the maintenance requirement. The proposed dwelling will be serviced by public utilities and private drinking water well to be installed in the northeast corner of the parcel.

Flood Zone Designation:

The Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM Community Panel No. 44005C0067J, dated September 4, 2013) indicates that the site falls mostly within Zone X Area of minimal chance annual flooding.

Runoff Calculations

The runoff volume will be detained in two rain gardens located in the north westerly and westerly portion of the site. The rain gardens are designed to capture the increase in runoff volume created by the proposed conditions for the 10-year, 24-hour storm event. Specific runoff percentages have been established by the Town for various ground covers for performing runoff volume calculations. See attached Excel sheet for details.

Summary

John and Pamela Connors are proposing to construct a 1,337 s.f. dwelling, 44 s.f. covered porch, 59 s.f. concrete apron, and 120 s.f. shed on their 14,400 s.f. existing lot of record. An advanced treatment septic system has been approved by the Rhode Island Department of Environmental Management to service the proposed dwelling. The project has been designed in accordance with the Town of Jamestown's regulations for managing stormwater as well as "The State of Rhode Island Stormwater management Guidelines for Individual Single-Family Residential Lot Development."

JOB NUMBER: 122151

DATE: 7/28/2022

FOR:	John Connors
ADDRESS:	222 Beacon Avenue
TOWN:	JAMESTOWN

JAMESTOWN DRAINAGE CALCULATIONS
 BASED ON 10-YEAR STORM EVENT (4.9")

EXISTING:

GROUND COVER	AREA (FT ²)	VOLUME (FT ³)	PERCENT RUNOFF	RUNOFF (FT ³)
BARE SOIL	0	0.00	40%	0.00
GRASSLAND	0	0.00	35%	0.00
CULTIVATED	0	0.00	30%	0.00
TIMBER/FOREST	5710	2331.58	15%	349.74
LAWN 0-5%	0	0.00	15%	0.00
> 0-5%	8464	3456.13	30%	1036.84
ROOFS	0	0.00	95%	0.00
PAVED AREAS	0	0.00	85%	0.00
GRAVEL	226	92.28	60%	55.37
TOTAL:	14400	5880.00	N/A	1441.95

PROPOSED:

GROUND COVER	AREA (FT ²)	VOLUME (FT ³)	PERCENT RUNOFF	RUNOFF (FT ³)
BARE SOIL	0	0.00	40%	0.00
GRASSLAND	0	0.00	35%	0.00
CULTIVATED	0	0.00	30%	0.00
TIMBER/FOREST	0	0.00	15%	0.00
LAWN 0-5%	562	229.48	15%	34.42
> 0-5%	11478	4686.85	30%	1406.06
ROOFS	1381	563.91	95%	535.71
PAVED AREAS	59	24.09	85%	20.48
GRAVEL	0	0.00	60%	0.00
CRUSHED STONE	920	375.67	15%	56.35
TOTAL:	14400	5880.00	N/A	2053.02

TOTAL STORAGE REQUIRED (FT³) = **611.07**

RAIN GARDEN A (8" DEEP):		
	TOP OF GARDEN	BOTTOM OF GARDEN
ELEV.	42.00	41.33
AREA (SF)	396.00	228.00
STORAGE	209.04	

RAIN GARDEN B (8" DEEP):		
	TOP OF GARDEN	BOTTOM OF GARDEN
ELEV.	45.00	44.33
AREA (SF)	735.00	546.00
STORAGE	429.135	

STORAGE PROVIDED (FT³) = **638.175** > **611.07** ✓

Operation and Maintenance Agreement for A.P. 16, Lot 73

Date 09/01/2022

Rain Garden Notes:

1. The bottom of the rain gardens should be level to encourage the even distribution of stormwater and increase infiltration capacity.
2. The rain gardens should have a 2-4 inch amended soil layer and a 2-3 inch layer of non-dyed aged shredded hardwood mulch. The mulch should be removed and replenished to original depth every other year.
3. The amended soil layer should be a 50/50 mixture of the excavated native soil and mature organic compost.
4. A crushed stone entrance should be installed at the inflow to prevent channeling.
5. A berm to detain stormwater should be constructed along the downhill side perpendicular to the slope.
6. Be sure that the soil within the rain gardens does not become compacted by construction activity. If soil becomes severely compacted it may need to be tilled and amended to maintain proper drainage.
7. Rain gardens should be inspected by the designer following at least the first two precipitation events of at least 1.0 inches to ensure that the system is functioning properly. Thereafter, the rain garden shall be monitored and maintained by the property owner or designee to assure proper functioning, plant growth and survival. Plants shall be replaced on an as-needed basis during the growing season.
8. Silt/sediment shall be removed from the rain garden when the accumulation exceeds one inch, or when water ponds on the surface for more than 48 hours. The top few inches of material shall be removed and shall be replaced with fresh soil mixture and mulch.
9. Pruning or replacement of woody vegetation shall occur when dead or dying vegetation is observed.
10. Soil erosion gullies shall be repaired when they occur.
11. Fertilizer or pesticides shall not be applied to plants within the rain garden.
12. Perennial plants and ground cover shall be replaced as necessary to maintain an adequate vegetated ground cover.
13. All roof leaders are to be diverted into the proposed rain garden.
14. The rain garden should be inspected annually by the property owner or designee and maintenance provided by self or professional if needed.

General Notes:

1. The driveway shall remain pervious, with the exception of the concrete apron, unless further approval is granted by the Town of Jamestown.
2. No fence shall be erected on the property that will block or impede surface water flow to or through the property. Fences may be erected that will allow groundwater to flow under.



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Environmental Management
Office of Water Resources
Onsite Wastewater Treatment Systems Program



1/3

Site Evaluation Form
Part A - Soil Profile Description Application Number TBK

Property Owner: GUY SUTIPANE
Property Location: 222 BRADSHAW AVE JAMESTOWN
Date of Test Hole: 11/2/19
Soil Evaluator: PASTORE License Number: 4042
Weather: Clear Shaded: Yes No Time: AM

TH # Horizon	Depth	Horizon Boundaries		Soil Colors		Re-Dox		Texture	Structure	Consistence	Soil Category
		Dist	Topo	Matrix	Re-Dox Features	Ab. S. Contr.					
A	0-6			5YR 6/4	-	-	LS	GRAN	VF-loose	3	
BW ₁	6-11	C	W	2.5Y 3/1	-	-	LS	WBK		3	
BW ₂	11-15	G	W	2.5Y 4/3	-	-	LS	WBK		3	
BW ₃	15-18	G	W	2.5Y 6/2	-	-	LS	WBK		3	
C ₁	18-24	G	W	5Y 6/2	4B ₁	C C D	LS	M		6	
C ₂	24-36	G	W	2.5Y 5/2	-	-	VF GRAN LS	M		6	
TH Horizon	Depth	Horizon Boundaries		Soil Colors		Re-Dox		Texture	Structure	Consistence	Soil Category
		Dist	Topo	Matrix	Re-Dox Features	Ab. S. Contr.					
											9

Jo
Lorac

2'

1

TH 1 Soil Class Fa Total Depth 96" Impervious/Limiting Layer Depth None (og) GW Seepage Depth None SHWT 18" (og)

TH _____ Soil Class _____ Total Depth _____ Impervious/Limiting Layer Depth _____ (og) GW Seepage Depth _____ SHWT _____ (og)

Comments: _____



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Environmental Management
Office of Water Resources
Onsite Wastewater Treatment Systems Program



2/3

Site Evaluation Form
Part A - Soil Profile Description Application Number TBA

Property Owner: _____
Property Location: 222 BROADWAY AVE JAMESTOWN P16 LOT 73
Date of Test Hole: 11/2/19
Soil Evaluator: PAYDORC License Number: 4042
Weather: Cloud Shaded: Yes No Time: AM

TH <u>2</u> Horizon	Depth	Horizon Boundaries		Soil Colors		Re-Dox		Texture	Structure	Consistence	Soil Category
		Dist	Topo	Matrix	Re-Dox Features	Ab. S. Contr.					
A	0-6	C	S	5YR 9/3	-	-	-	LS	GRAN	VF-100%	3
Bw1	6-17	G	S	2.5Y 3/2	-	-	-	LS	WSSK		3
Bc	17-24	G	W	2.5Y 6/3	1B ^H	CCD		GRAV SIL	WSSK		5
2C	24-35	G	W	2.5Y 6/1		CCD		LS	M		6
3C	35-60	G	W	2.5Y 5/1				CLAY LS	M		6
Cr	60										OSK 1.5
TH _____ Horizon	Depth	Horizon Boundaries		Soil Colors		Re-Dox		Texture	Structure	Consistence	Soil Category
		Dist	Topo	Matrix	Re-Dox Features	Ab. S. Contr.					

2.1
2.1
2.3

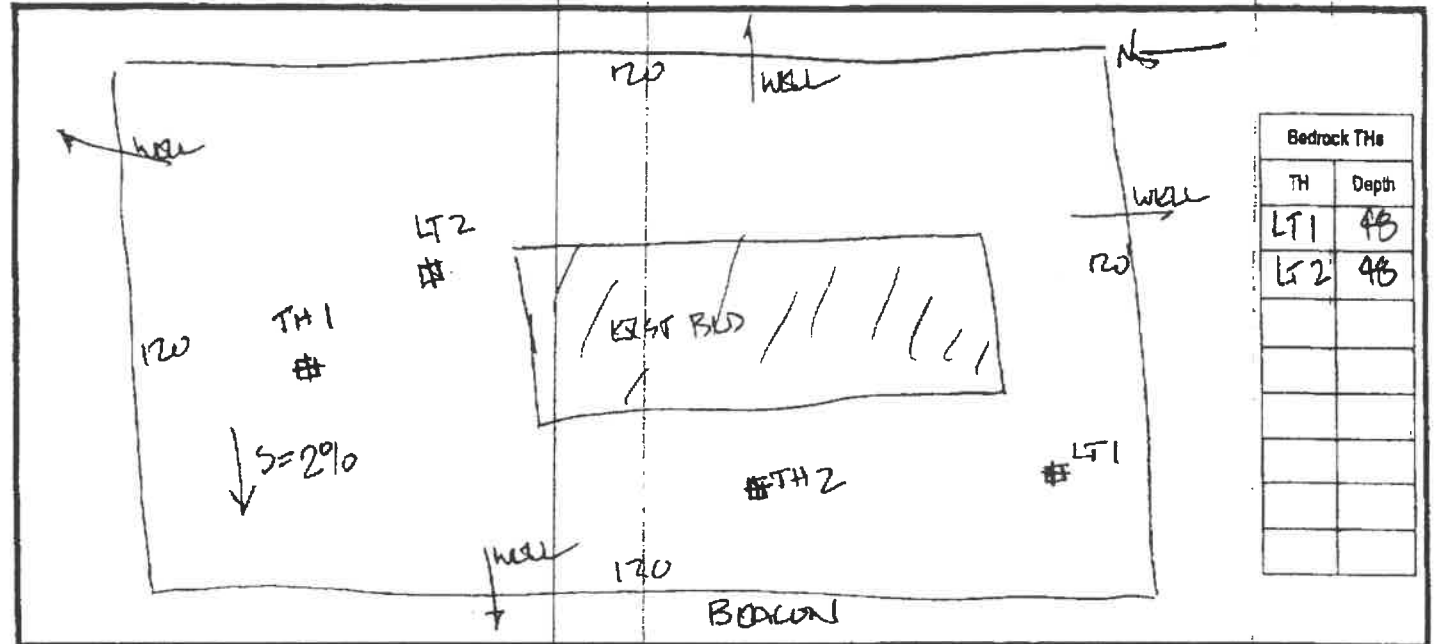
TH 2 Soil Class 9 Total Depth 60 Impervious/Limiting Layer Depth 60 (og) GW Seepage Depth NONE SHWT 18 (og)
TH _____ Soil Class _____ Total Depth _____ Impervious/Limiting Layer Depth _____ (og) GW Seepage Depth _____ SHWT _____ (og)

Comments: _____

Key:

- Approximate location of test holes
- Approximate location of bedrock test holes
- $x\%$ Estimated gradient and direction of slope
- Approximate direction of due north

Site Evaluation - to be completed by Soil Evaluator or Class I or III Designer
 Please use the area below to locate:
 1. Test holes and bedrock test holes,
 2. Approximate direction of due north,
 3. Offsets from all test holes to fixed points such as street, utility pole, or other permanent, marked object.*
***OFFSETS MUST BE SHOWN**



Bedrock THs	
TH	Depth
LT1	48
LT2	48

1. Relief and Slope: S=2%
2. Presence of any watercourse, wetlands or surface water bodies, within 200 feet of test holes? If yes, locate on above sketch. NO YES
3. Restrictive Layer or Bedrock within 4' below original ground within 25 feet of test hole? Provide all test hole locations & depths above. NO YES
4. Presence of existing or proposed private drinking water wells within 200 feet of test holes? If yes, locate on above sketch. NO YES
5. Public drinking water wells within 500 feet of test holes? If yes, locate on above sketch. NO YES
6. Is site within the watershed of a public drinking water reservoir or other critical area defined in Rule 6.42? NO YES
7. Has soil been excavated from or fill deposited on site? If yes, locate on above sketch. NO YES
8. Site's potential for flooding or ponding: NONE SLIGHT MODERATE SEVERE
9. Landscape position: SIDE SLOPE
10. Vegetation: GRASS & BRUSH
11. Indicate approximate location of property lines and roadways.
12. Additional comments, site constraints or additional information regarding site.

Certification
 The undersigned hereby certifies that all information on this application and accompanying forms, submittals and sketches are true and accurate and that I have been authorized by the owner(s) to conduct these necessary field investigations and submit this request.

Part A prepared by: [Signature] License # 4042 Part B prepared by: [Signature] License # 4042

DO NOT WRITE IN THIS SPACE

Witnessed Soil Evaluation Decision: Concur Inconclusive Disclaim

Unwitnessed Soil Evaluations Decision: Accept Inconclusive Disclaim

Wet Season Determination required Additional Field Review Required

Explanation: _____

Signature Authorized Agent: [Signature] Date: 10.23.19



**RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
ONSITE WASTEWATER TREATMENT SYSTEM CONSTRUCTION PERMIT**

www.dem.ri.gov/septic

APPLICATION No. 1053

DATE RECEIVED 8/21/11

AMOUNT RECEIVED \$ 0

CHECK # 1053

TYPE OF APPLICATION (CHECK ALL THAT APPLY)

- NEW BUILDING CONSTRUCTION
- ALTERATION
- REPAIR
- TRANSFER

- A/E TECHNOLOGY TYPE
- VARIANCE
- REDESIGN
- JOINT OWTS / WETLANDS PD

SITE INFORMATION

NO. STREET 332 Beacon Avenue CITY/TOWN Trautman POLE # ---
 PLAT NUMBER 16 LOT NUMBER 73 SUBDIVISION LOT NUMBER ---
 LOT SIZE 14,000 SF/ACRES ---
 SUBDIVISION NAME ---
 SUBDIVISION SITE SUITABILITY CERTIFICATION # ---

OWNER INFORMATION

LAST NAME Cassars FIRST NAME John + Pam M.I. ---
 NO. STREET P.O. Box 975 CITY/TOWN Trautman ZIP CODE 02855

RIDEM APPLICATION HISTORY

PREVIOUS SITE TESTING YES NO APPLICATION # 0315-0162
 DEPTH TO APPROVED WATER TABLE 18" HOW DETERMINED Soil Evaluation
 TEST HOLE # 3 DATE EXCAVATED 1/11 WETLANDS WITHIN 200' OF OWTS YES NO
 WETLAND DETERMINATION YES NO RIDEM FILE # --- DATE ---
 LARGE SYSTEM YES NO OCI FILE # IF APPLICABLE ---

DESIGN INFORMATION

BUILDING USE: Residential Commercial ---
 Other ---
 WATER SUPPLY: public water public well private well
 # OF DESIGN UNITS 2 bedrooms
 UNIT DESIGN FLOW 115 gallons per DA (unit) TOTAL DAILY FLOW 230 gallons
 TANK SIZE 1,000 gallons DESIGN LOADING RATE 154 gpd/sf
 MINIMUM REQUIRED LEACHFIELD AREA 154 square feet
 LEACHFIELD TYPE Septic to Bottomless Sand Filter
 TOTAL AREA OF LEACHFIELD PROVIDED 160 square feet

CERTIFICATION

I, Bruck S. Cassars (print), the undersigned licensed OWTS application and accompanying forms, submittals, plans and sketches in accordance with the RULES of the RIDEM information provided on this application and accompanying forms, submittals, plans and sketches is true and accurate.
 Designer's Signature [Signature] License # ---
 Designer's Email Kath.AmericanEngineering@comcast.net Phone # ---
 Business/Company Name American Engineering

I certify that a) I am the owner of the property indicated under the site information on this application, b) I will hire a system proposed herein, c) the system will be installed in strict accordance with this application, d) I will hire a record to witness and inspect the installation of the system, e) I assume all responsibility for the truth and accuracy of this application, f) I assume any responsibility for the accuracy and truth of the owner's, or the any application, form, submittal, plan or sketch to be incorrect, or not in compliance with the RULES such that the approved design is not in accordance with the RULES, or in the event that the system wester to wetlands of the State or fails to operate satisfactorily in any other manner.
 Owner's Phone Number 701-641-0832
 Owner's Email ---
 Owner(s) Signature [Signature]

PERMIT APPROVAL SECTION: DO NOT WRITE BELOW
 Based upon the representations of the owner and the owner's agents, including the representative and the truth and accuracy of all information submitted, this application for an OWTS is hereby approved. Responsibility or liability for the future safe operation or maintenance of the aforesaid system, or the to this site, nor does it assume any responsibility for the accuracy and truth of the owner's, or the This approval is subject to future suspension or revocation in the event that subsequent examination any application, form, submittal, plan or sketch to be incorrect, or not in compliance with the RULES such that the approved design is not in accordance with the RULES, or in the event that the system wester to wetlands of the State or fails to operate satisfactorily in any other manner.

IMPORTANT: Additional terms of approval as circled
 A. Bottom of leaching area excavation must be inspected by the RIDEM prior to placement of B. System installation must be inspected by RIDEM prior to covering any component of the system. C. Applicant shall comply with all requirements, conditions and stipulations of variance(s) approved. D. Joint Permit: Designer of record must contact RIDEM prior to start of any site construction. E. A/E Technology: additional installation, operation or maintenance requirements may apply. F. Copy of this form and Operation/Maintenance contract must be filed in land evidence record. G. Proposed construction falls within "Coastal Zone". Contact Rhode Island Coastal Resource H. Proper erosion and sedimentation controls must be installed prior to start of construction. I. Transfer: See original permit for all applicable conditions. J. Other ---

Signature of RIDEM Official [Signature] Date of ---



Town of Jamestown, Rhode Island

Engineering/GIS Office

93 Narragansett Ave ♦ Jamestown, RI 02835 – 1509

Date: September 18, 2020

To: Chris Costa, Building Official
Lisa Bryer, Town Planner

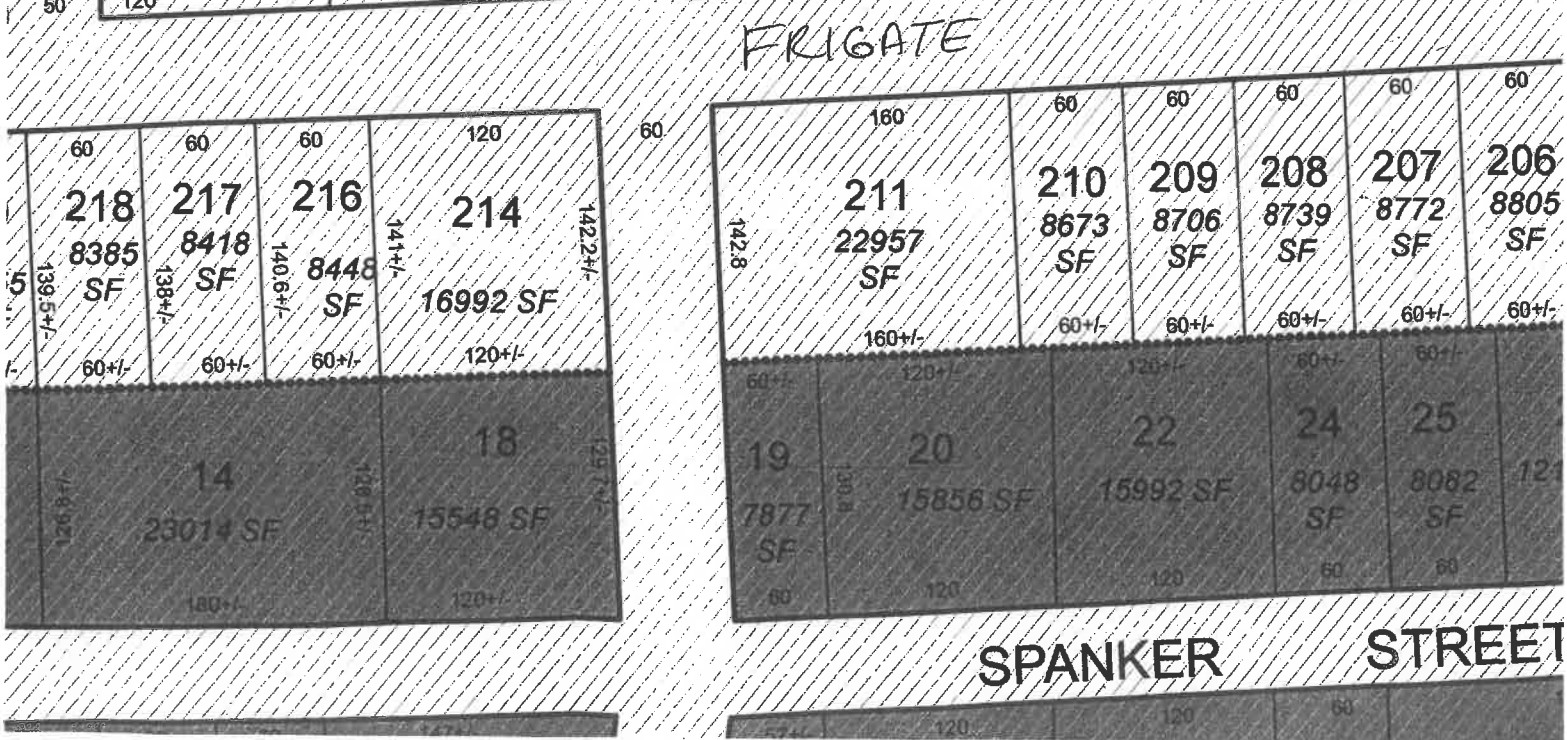
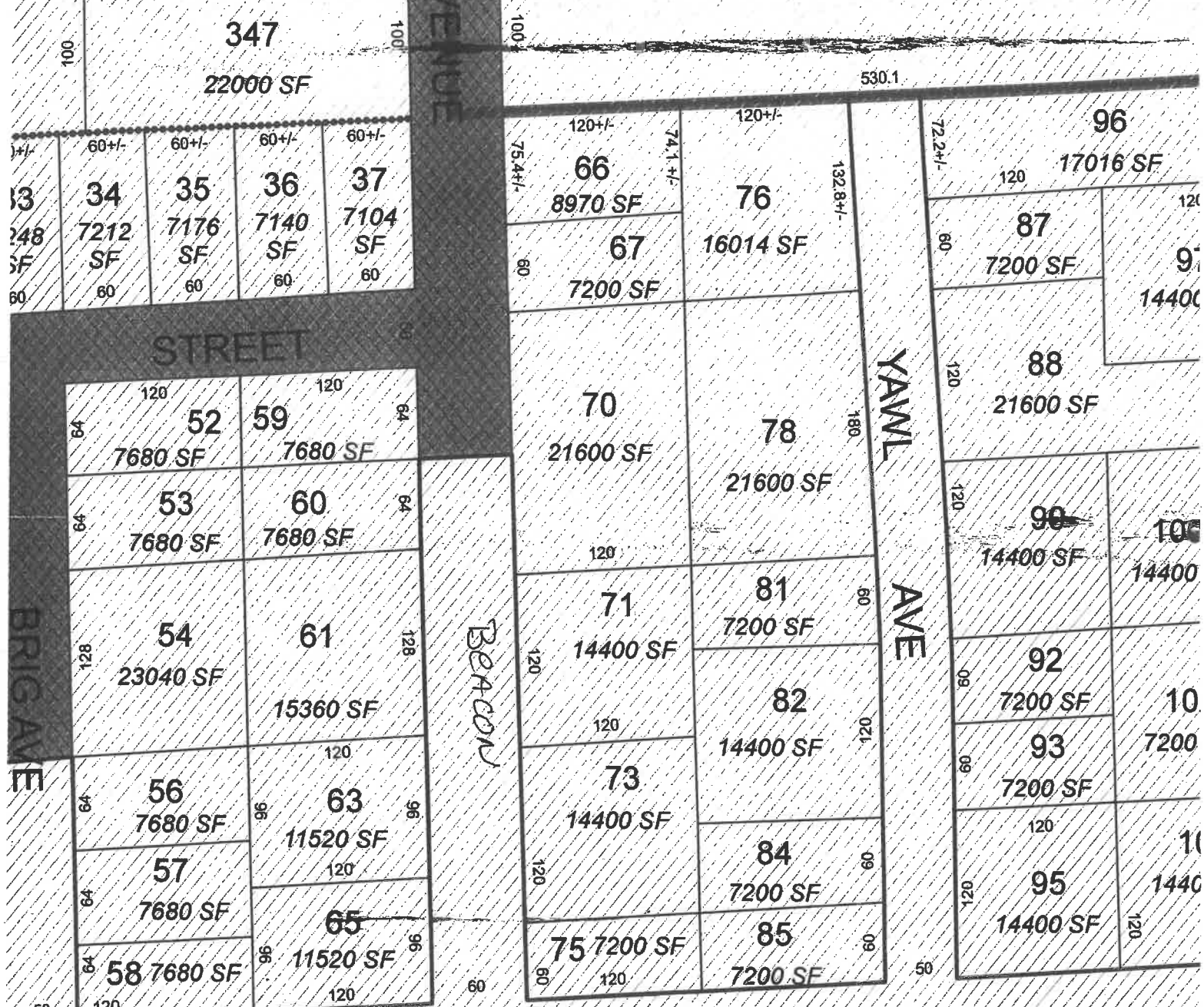
From: Jean Lambert, P.E.

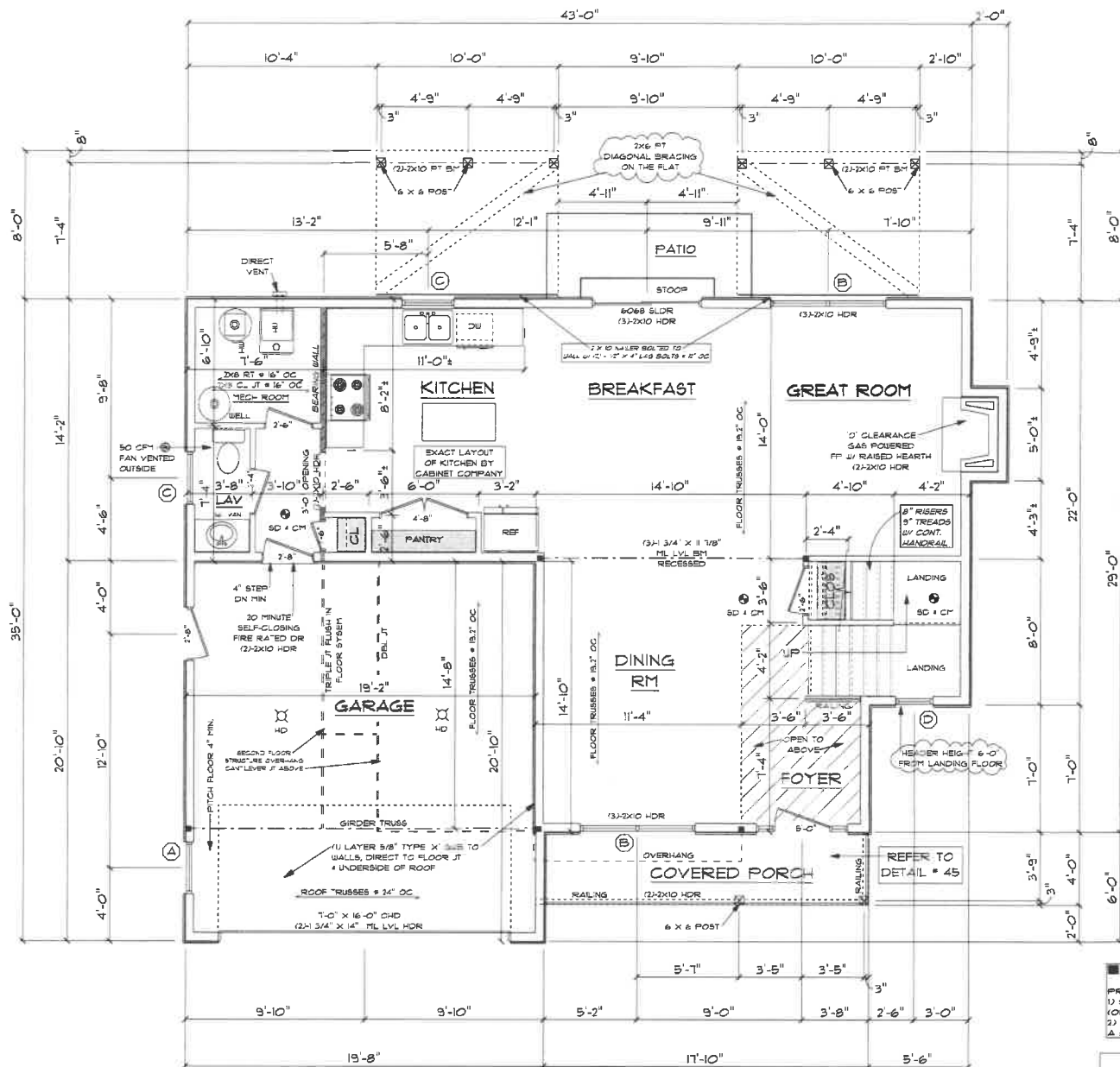
RE: Zoning Section 82-314: High Groundwater Table Overlay District **SHED EXEMPTION**
Guy Settipane, 222 Beacon Avenue, AP 16, Lot 73, Jamestown, RI

I have reviewed the application for a proposed shed at 222 Beacon Avenue. The applicant is planning to construct a 10' x 12' shed on the property. The proposed shed must meet required zoning setbacks.

The proposed shed meets the requirements of the 120 square foot **exemption** listed in the High Groundwater Ordinance (82-314, sub-section 6.B).

NO FUTURE PERMITS FOR INCREASED IMPERVIOUS COVERAGE SHALL BE ISSUED FOR THIS PROPERTY WITHOUT A SPECIAL USE PERMIT FROM THE JAMESTOWN ZONING DEPARTMENT.





FIRST FLOOR
PLATE HEIGHT: 9'-0"

FIRST FLOOR PLAN 1/4"=1'-0"

FLOOR TRUSSES RECOMMENDED FOR MECHANICALS

FOOTPRINT: 1408 SQ FT
OVERALL SQUARE FOOTAGE: 1923 SQ FT

POINT LOAD FROM ABOVE
PROVIDE THE FOLLOWING:
1) SOLID BLOCKING BETWEEN BEAM FOR BILD AND PLYWOOD SUBFLOOR
2) A MINIMUM OF THREE STUDS IN A BEARING WALL AS BEAM JACKS
2X6 STUDS @ 16" OC AT ALL EXTERIOR WALLS UNLESS OTHERWISE NOTED

GABLE END WALL TO BE BUILT CONTINUOUS TO UNDER SIDE OF CATH CEILING

PRELIMINARY PLANS ONLY

- SOLID BEARING TO FOUNDATION
- TO TEMPERED GLASS
- SD SMOKE DETECTOR
- SC SMOKE DETECTOR & CARBON MONOXIDE
- HW HOT WATER
- HU HEATING UNIT/ BOILER
- 100 CFM FAN VENTED TO OUTSIDE
- HT HEAT DETECTOR
- WALK IN CLOSET
- MAKE UP COUNTER
- BEARING WALL
- NEW EXTERIOR WALL
- NEW INTERIOR WALL
- EXISTING EXTERIOR WALLS TO REMAIN
- EXISTING INTERIOR WALLS TO REMAIN
- EXISTING TO BE REMOVED
- WINDOW UNIT NUMBER
- DOOR UNIT NUMBER

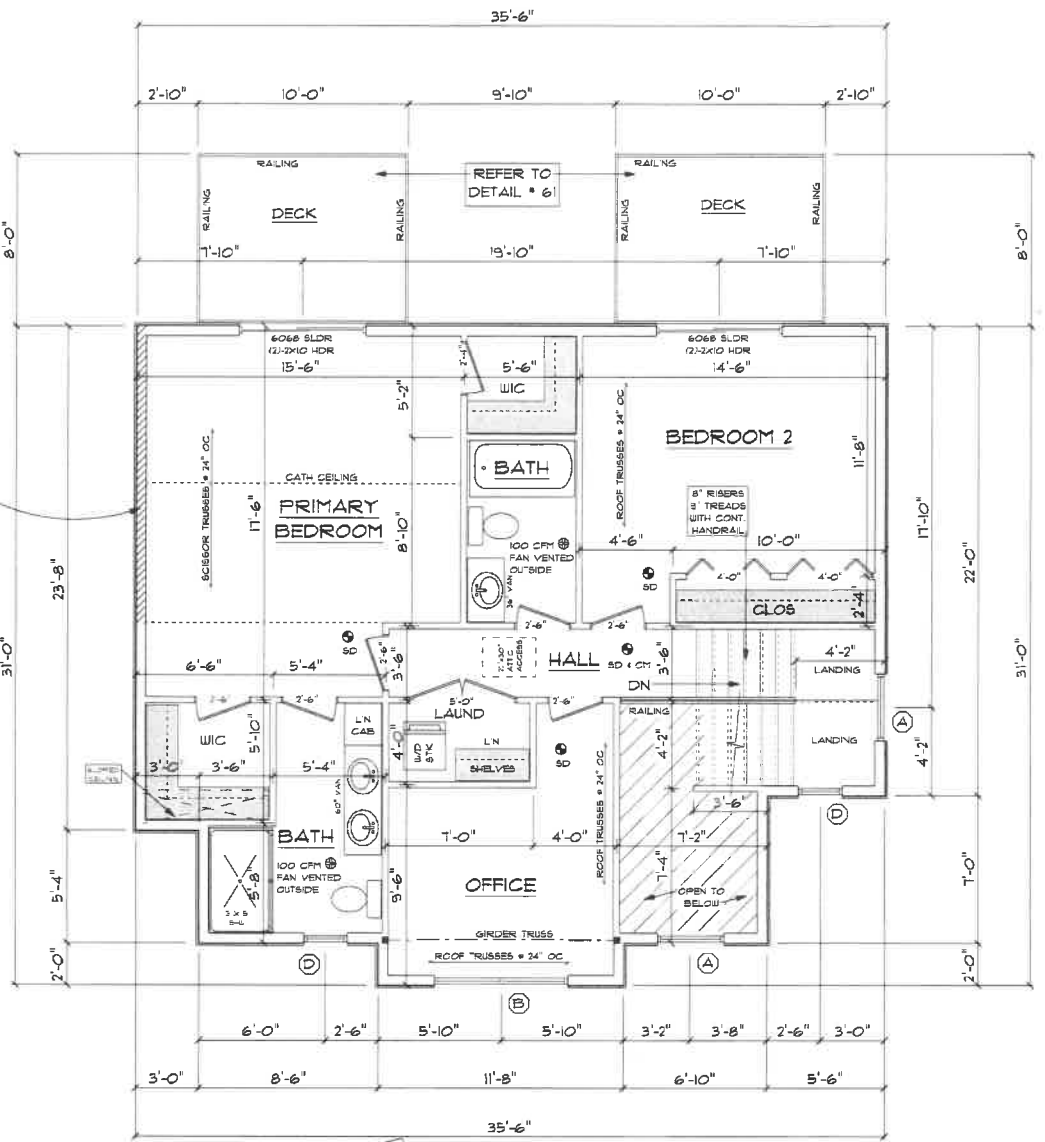
WINDOW SCHEDULE							
TYPICAL HEADER: 12" X 10"							
RECEPTIONS ARE NOTED ON PLANS							
NOTE: ALL WINDOW SPECIFICATIONS FOR HEADERS, SILL AND BEAMS TO BE AS SHOWN OR BETTER							
ALL LOADS FOR FLOOR JOISTS HEADERS AND BEAMS ARE BASED ON THE FOLLOWING							
FLOOR JOIST SLEEPING AREAS: 40 PSF LIVE LOAD 30 PSF DEAD LOAD							
FLOOR JOIST SLEEPING AREAS: 30 PSF LIVE LOAD 30 PSF DEAD LOAD							
MANUFACTURER (OR EQUIVALENT)							
HARVEY WINDOWS MIN. U-FACTOR .35							
UNIT	NO. & OPENING	TYPE	GT	AREA P. SILL HGT	NET AREA	DESIGN PRESSURE	
A	104-0	3'-7" X 5'-11/2"	CA	4	19.37	6.80	30
B	104-0	6'-3 1/4" X 5'-11/2"	CA	3	30.07	9.80	30
C	104-0	1'-0" X 1'-0"	CA	2	5.5	2.21	30
D	104-0	2'-0 1/2" X 2'-0 1/2"	FLRD	4	4.0	0.8	30
E							
F							
G							
H							

DOOR SCHEDULE		
TYPICAL HEADER: 12" X 10"		
RECEPTIONS ARE NOTED ON PLANS		
NOTE: INTERIOR AND EXTERIOR DOOR SIZES ARE NOTED ON PLANS		
INTERIOR DOORS: 6'-0" HIGH TYPICAL		
EXTERIOR DOORS: 6'-0" HIGH TYPICAL		
UNIT	NO.	DESIGN PRESSURE
		20

DESIGN PRESSURE		
UNIT	NO.	DESIGN PRESSURE
		18
		30

THESE DRAWINGS ARE IN ACCORDANCE WITH THE FOLLOWING DESIGN CRITERIA.

- RISSEC - 7 - 2021
- WIND DESIGN: ZONE 2 (110 MPH)
- LOAD DESIGN: 40 PSF LIVING AREA LOADS
30 PSF SLEEPING AREA LOADS
20 PSF DEAD LOADS
30 PSF ATIC LOADS
40 PSF EXTERIOR DECK LOADS
30 PSF SNOW LOADS
- FROST DEPTH: MINIMUM 3'-6" DEEP
- CLIMATE ZONE: 5
- CONSTRUCTION TYPE: 5B
- BUILDING HEIGHT: (MAXIMUM 35'-0") MEASURED FROM TOP OF FOUNDATION TO RIDGE
- ALL INSULATION IN EXTERIOR WALLS ARE BASED ON THE REQUIREMENTS AS PER THE PRESCRIPTIVE METHOD OF TABLE N102.1.2 OF THE ENERGY CONSERVATION CODES.



SECOND FLOOR PLAN 1/4"=1'-0"

SECOND FLOOR
PLATE HEIGHT: 8'-0"

CUSTOM COLONIAL
PREPARED FOR:
JOHN CONNORS
222 BEACON AVENUE
JAMESTOWN, RHODE ISLAND

CONSTRUCTION PLANS ARE DRAFTED FOR SINGLE-USE ONLY
DLR DIMENSIONS, INC.
DOES NOT PERMIT THE USE OF PLANS THAT HAVE BEEN TAMPERED WITH BY OUTSIDE PARTIES

EST. 1982
DLR DIMENSIONS
RESIDENTIAL DESIGNERS & CONSULTANTS
401.738.3156
DLRDIMENSIONS.COM

DLR DIMENSIONS, INC. IS NOT LIABLE FOR ANY CHANGES TO NOTES AND/OR DIMENSIONS. ALL DIMENSIONS AND ANNOTATIONS SHALL BE VERIFIED BY THE CLIENT PRIOR TO AND DURING CONSTRUCTION.

SCALE NOTED

DATE Thursday, September 1, 2022

APPROVED DRR

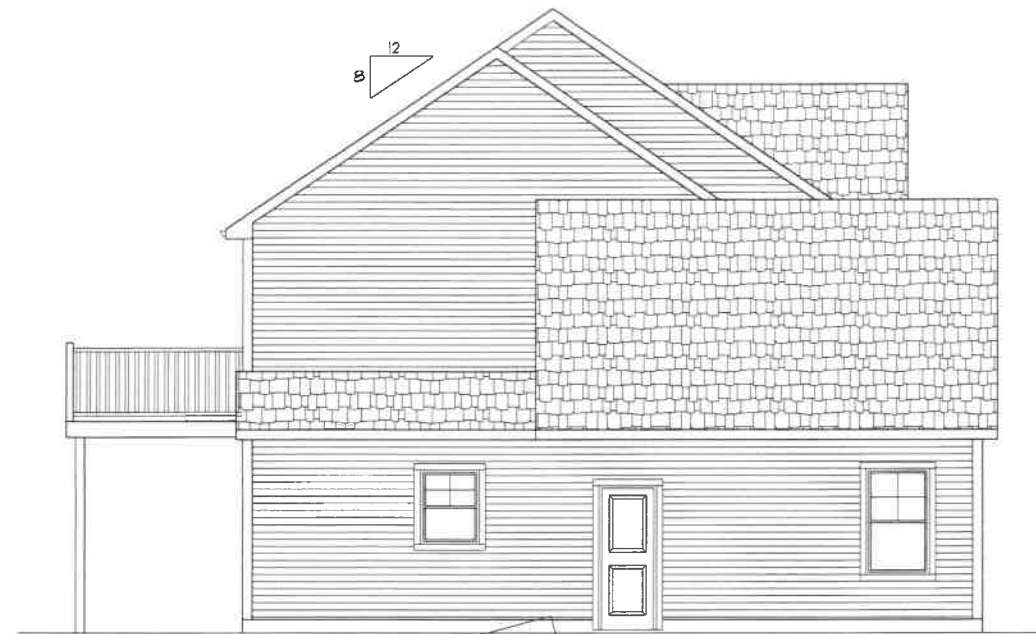
DRAWN BY DRR

DRAWING NUMBER 6117

1 OF 5



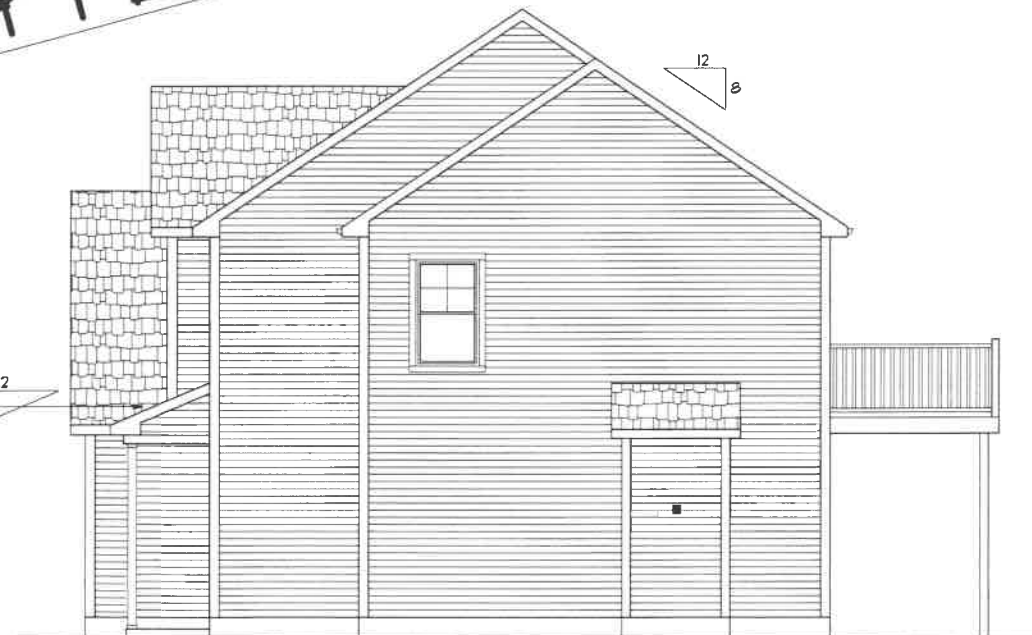
FRONT ELEVATION 1/4"=1'-0"



LEFT SIDE ELEVATION 1/4"=1'-0"



BACK ELEVATION 1/4"=1'-0"



RIGHT SIDE ELEVATION 1/4"=1'-0"

PRELIMINARY PLANS ONLY

CUSTOM COLONIAL

PREPARED FOR:
JOHN CONNORS

222 BEACON AVENUE
JAMESTOWN, RHODE ISLAND

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BILLS OF MATERIAL,
ALL DIMENSIONS AND
ANALOGUE COMPLIANCE WITH
PERIOD TO AND
DURING CONSTRUCTION.

SCALE
NOTED

DATE

Thursday, September 1, 2022

APPROVED

DRR

DRAWN BY

DRR

DRAWING NUMBER

6717

2 OF 9

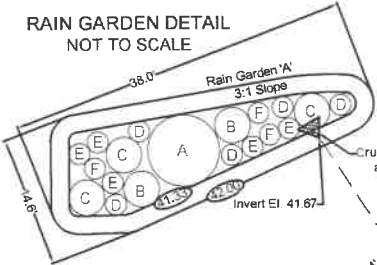


LOCUS MAP
NOT TO SCALE
BEING A.P. 16, LOT 73
AREA = 14,400 SF

Design Calculations:
Using Testhole # 2 - Soil Category 9
- Loading Rate Factor = 1.5
Required: 230 / 1.5 (Factor) = 154 sf
Provided: Bottomless Sand Filter
10' x 16' system = 160 sf Total

TESTHOLE & PERCOLATION DATA:
TH 1 - verified at 18" (0215-0162)
TH 2 - verified at 18" 60" to ledge (0215-0162)
LT 1 - verified at 48" (0215-0162)
LT 2 - verified at 48" (0215-0162)
LT 3 - at 42"
LT 4 - at 42"

Rain Garden Notes:
1. The bottom of the rain gardens should be level to encourage the even distribution of stormwater and increase infiltration capacity.
2. The rain gardens should have a 2-4 inch amended soil layer and a 2-3 inch layer of non-dyed aged shredded hardwood mulch. The mulch should be removed and replenished to original depth every year.
3. The amended soil layer should be a 50/50 mixture of the excavated native soil and mature organic compost.
4. A crushed stone entrance should be installed at the inflow to prevent channeling.
5. A berm to detain stormwater should be constructed along the downhill side perpendicular to the slope.
6. Be sure that the soil within the rain gardens does not become compacted by construction activity. If soil becomes severely compacted it may need to be tilled and amended to maintain proper drainage.
7. Rain gardens should 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 by the property owner or designee to assure proper functioning, plant growth and survival. Plants shall be replaced on an as-needed basis during the growing season.
8. Silt/sediment shall be removed from the rain garden when the accumulation exceeds one inch, or when water ponds on the surface for more than 48 hours. The top few inches of material shall be removed and shall be replaced with fresh soil mixture and mulch.
9. Pruning or replacement of woody vegetation shall occur when dead or dying vegetation is observed.
10. Soil erosion gullies shall be repaired when they occur.
11. Fertilizer or pesticides shall not be applied to plants within the rain garden.
12. Perennial plants and ground cover shall be replaced as necessary to maintain an adequate vegetated ground cover.
13. All root leaders are to be diverted into the proposed rain gardens.
14. The rain garden should be inspected annually by the property owner or designee and maintenance provided by self or professional if needed.



Rain Garden 'A':
Top of Garden Elev. 42.00
Bottom of Garden Elev. 41.33
Storage Volume Provided
396 s.f. Top of Garden + 228 s.f.
Bottom of Garden / 2 x 8' = 209 c.f.

WATER QUALITY CALCULATIONS:
PROPOSED HOUSE, PORCH, AND SHED
IMPERVIOUS AREA=1,580 SF
1,580 s.f. x 1" = 130 C.F. REQUIRED
624 C.F. REQUIRED TO MITIGATE
INCREASED RUNOFF FOR 10-YEAR
FREQUENCY STORM PER THE TOWN OF
JAMESTOWN HGWT ORDINANCE
638 C.F. PROVIDED

Planting Schedule:
A - Highbush Blueberry
B - Swamp Azalea
C - Sweet Fern
D - Joe Pye Weed
E - New England Aster
F - Tussock Sedge

Rain Garden 'B':
Top of Garden Elev. 45.00
Bottom of Garden Elev. 44.33
Storage Volume Provided
735 s.f. Top of Garden + 546 s.f.
Bottom of Garden / 2 x 8' = 429 c.f.

REFERENCES:
1. REFERENCE IS HEREBY MADE TO THAT PLAN ENTITLED "JAMESTOWN SHORES, PLAT NO. 3, IN JAMESTOWN, R.I. OWNED BY JAMES G. HEAD, SCALE 1" = 100', APRIL 1947, BY E. NEWMAN, ENGR. SAID PLAN BEING RECORDED IN THE TOWN OF JAMESTOWN AS PLAT #3

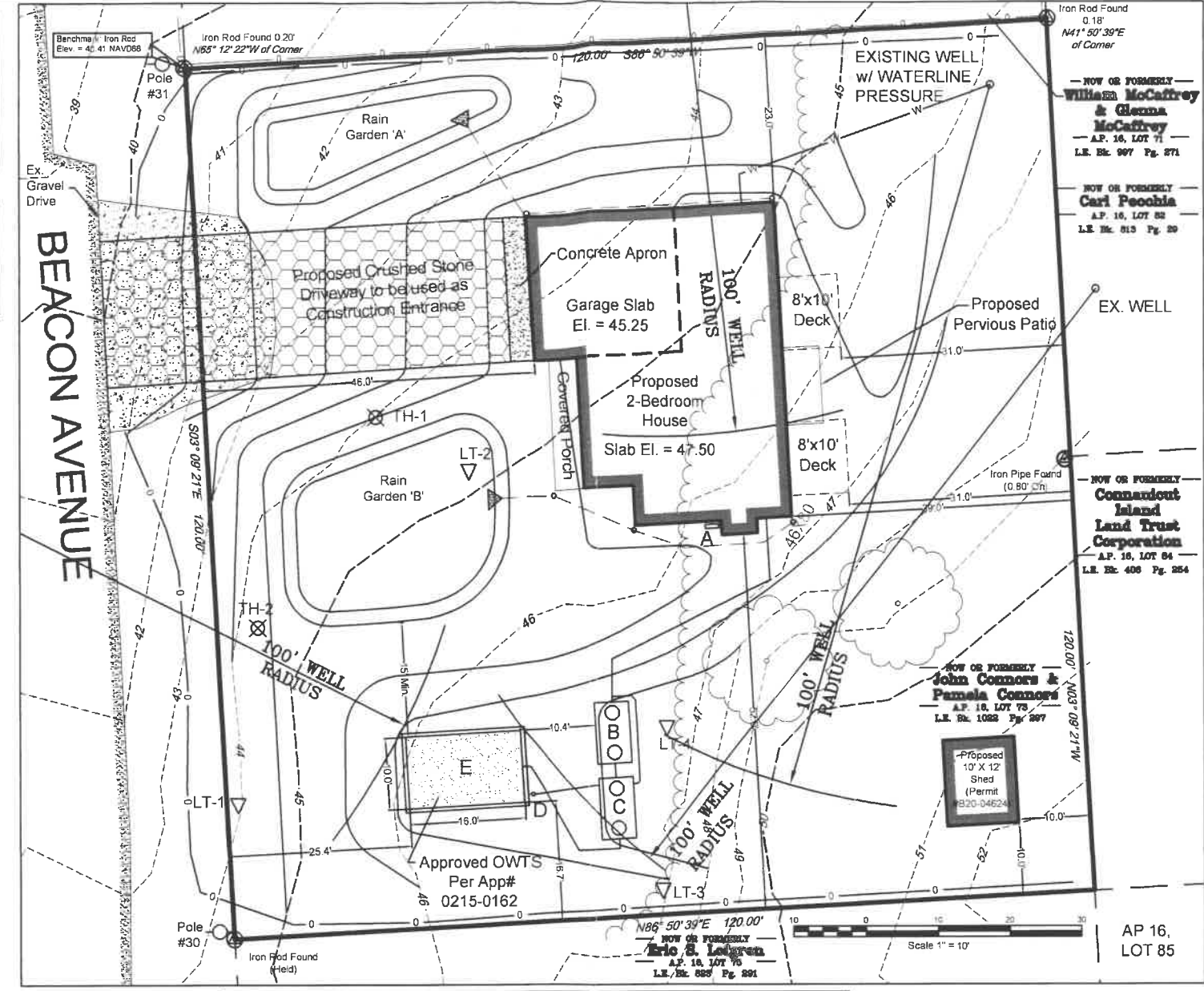
CERTIFICATION:
THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO 435-RICR-00-00-1.9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON NOVEMBER 25, 2015, AS FOLLOWS:

TYPE OF SURVEY	MEASUREMENT SPECIFICATION
PERIMETER & FEATURE LOCATION; COMPREHENSIVE BOUNDARY SURVEY	CLASS 1
TOPOGRAPHY; IN AREA OF DEVELOPMENT REMAINDER OF PROPERTY	CLASS T-2 CLASS T-4

- THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND FOR THE PREPARATION OF THE PLAN IS TO SHOW THE LOCATION OF A PROPOSED BARN AT ASSASSOR'S PLAT 9, LOT 47 ALONG WITH EXISTING TOPOGRAPHY AND PROPOSED GRADING.

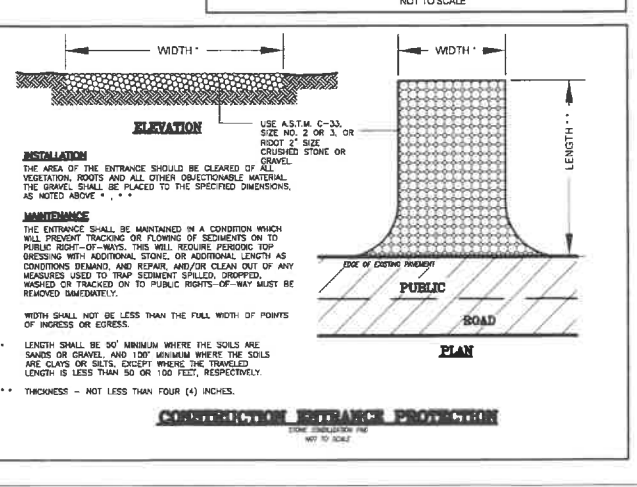
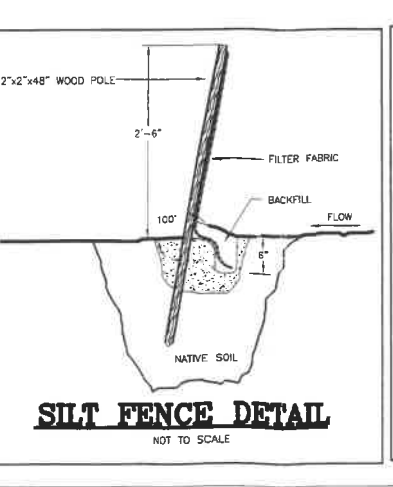
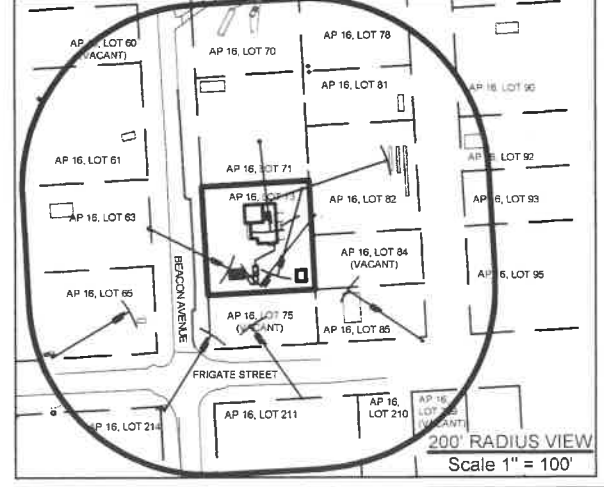
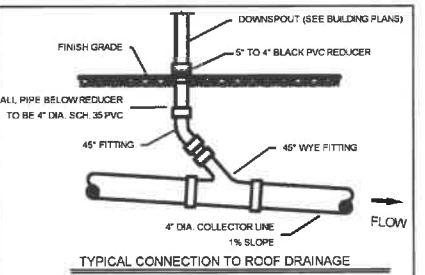
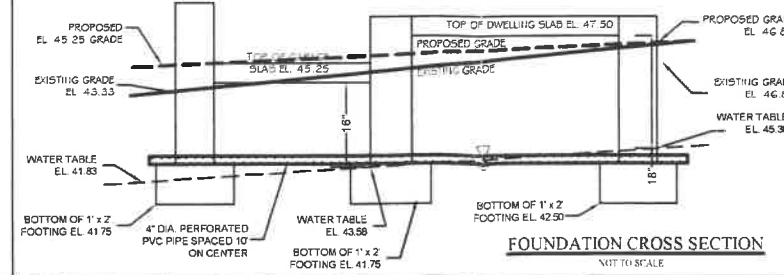
REDESIGN VARIANCES REQUESTED:
RULE 6.33 E - Depth to ground water to be 24" Confirmed water table is 18"
Six inch variance requested
RULE 6.33 F - Depth of restrictive layer to be 48" within 25' of leach field
Ledge is 42" on uphill side of leach field at 20.8'
Six inch variance requested

PARCEL ZONING: R-40
MIN LOT SIZE = 40,000 SF
MIN LOT WIDTH = 100' (R-20)
FRONT SETBACK = 30' (R-20)
SIDE SETBACK = 10' (R-20)
REAR SETBACK = 30' (R-20)
OUTBUILDING SIDE SETBACK = 10' (R-20)
OUTBUILDING REAR SETBACK = 10' (R-20)
MAX LOT COVERAGE = 25%



FEMA DETERMINATION ZONE "X" - AREA OF MINIMAL CHANCE ANNUAL FLOODING
PANEL NO. - 44005C0067 J
EFFECTIVE - SEPTEMBER 4, 2013

NOTE:
UNDERGROUND UTILITIES HAVE NOT BEEN LOCATED / VERIFIED CONTACT DIGSAFE PRIOR TO ANY EXCAVATION



EROSION CONTROL & SOIL STABILIZATION PROGRAM

- UNDISTURBED SLOPES SHALL NOT BE UNATTENDED OR EXPOSED FOR EXCESSIVE PERIODS OF TIME SUCH AS THE INACTIVE WINTER SEASON.
- ALL DISTURBED SLOPES EITHER NEWLY CREATED OR EXPOSED PRIOR TO OCTOBER 15, SHALL BE SEEDED OR PROTECTED BY THAT DATE FOR ANY WORK COMPLETED DURING EACH CONSTRUCTION PERIOD.
- THE TOPSOIL SHALL HAVE A SANDY LOAM TEXTURE RELATIVELY FREE OF SUBSOIL MATERIAL, STONES, ROOTS, LUMPS OF SOIL, TREE LIMBS, TRASH OR CONSTRUCTION DEBRIS, AND SHALL CONFORM WITH THE STANDARD SPECIFICATION M. 202.
- THE SEED MIX SHALL BE INOCULATED WITHIN 24 HOURS, BEFORE MIXING AND PLANTING, WITH APPROPRIATE INOCULUM FOR EACH VARIETY.
- THE DESIGN MIX SHALL BE COMPRISED OF THE FOLLOWING PERMANENT SEEDING MIXTURES:

MIXTURE	% BY WT	SEEDING DATES
RED FESCUE	75	APRIL 1 - JUNE 15
KENTUCKY BLUEGRASS	15	AUG. 15 - OCT. 15
COLONIAL BENTGRASS	5	
PERENNIAL RYEGRASS	5	

TOTAL 100%ACRE PERMANENT SEEDING MIXTURES:

- UNMOWED AREA OR INFREQUENTLY MOWED: FLAT OR SLOPES GREATER THAN 3:1

MIXTURE	% BY WT	SEEDING DATES
RED FESCUE	75	APRIL 1 - JUNE 15
PERENNIAL RYEGRASS	15	AUG. 15 - OCT. 15
COLONIAL BENTGRASS	5	
BIRDSFOOT TREFLOIL	5	

TOTAL 100%ACRE TEMPORARY TREATMENTS SHALL CONSIST OF A HAY, STRAW OR FIBER MULCH OR PROTECTIVE COVERS SUCH AS A MAT OR FIBER LINING (BURLAP, JUTE, FIBERGLASS NETTING, EXCLUSOR BLANKETS). THEY SHALL BE INCORPORATED INTO THE WORK AS WARRANTED OR AS ORDERED BY THE ENGINEER.

- HAY OR STRAW APPLICATIONS SHOULD BE IN THE AMOUNT OF 3000-4000 LBS/AC.
- ALL HAYBALES OR TEMPORARY PROTECTION SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR COVER IS ESTABLISHED. IF RESEEDING IS REQUIRED, TEMPORARY SEEDING CAN BE USED TO HELP MINIMIZE EROSION. A TEMPORARY SEEDING GUIDE MUST BE INCLUDED AS A REFERENCE. THE FOLLOWING SPECIES ARE RECOMMENDED:

SPECIES	LBS/ACRE	LBS/1,000 SQ. FT.	SEEDING DATES
ANNUAL RYEGRASS	80	1.5	MAR 15 - JUNE 15
PERENNIAL SUDAN GRASS	40	1.0	MAY 15 - AUGUST 15
MELLSIOR BLANKETS	1.0	1.0	MAY 15 - AUGUST 15
WINTER RYE	120	3.0	AUGUST 15 - JUNE 15
CATS	120	3.0	MAR. 15 - JUNE 15
WEEDING LOWGRASS	20	0.5	MAY 1 - JUNE 30

- THE CONTRACTOR MUST REPAIR AND OR RESEED ANY AREAS THAT DO NOT DEVELOP WITHIN THE PERIOD OF ONE YEAR AND HE SHALL DO SO AT NO ADDITIONAL EXPENSE.
- THE NORMAL ACCEPTABLE SEASONAL SEEDING DATES ARE APRIL 15 THROUGH 15TH.
- ALL FILL SHALL BE THOROUGHLY COMPACTED UPON PLACEMENT IN STRICT CONFORMANCE WITH THE STANDARD SPECIFICATIONS SECTION 202.
- STABILIZATION OF ONE FORM OR ANOTHER AS DESCRIBED ABOVE SHALL BE ACHIEVED WITHIN 15 DAYS OF FINAL GRADING.
- STOCKPILES OF TOPSOIL SHALL NOT BE LOCATED NEAR WATERWAYS OR WETLANDS. THEY SHALL HAVE SIDE SLOPES NO GREATER THAN 30% AND STOCKPILES SHALL ALSO BE SEEDED AND/OR STABILIZED.
- ON BOTH STEEP AND LONG SLOPES CONSIDERATION SHOULD BE GIVEN TO "CHIMPING" OR "TRACKING" TO TACK DOWN MULCH APPLICATIONS.
- REFERENCE THE SEDIMENTATION CONTROL PROGRAM AND ORDER OF PROCEDURE FOR PROPER COORDINATION.

SEDIMENTATION CONTROL PROGRAM

- ALL DISTURBED AREAS SUBJECT TO EROSION TENDENCIES WHETHER THEY ARE NEWLY FILLED OR EXCAVATED SHALL RECEIVE SUITABLE SLOPE PROTECTION.
- DURING CONSTRUCTION, THE CONTRACTOR AND/OR DEVELOPER SHALL BE RESPONSIBLE FOR MAINTAINING DRAINAGE AND RUNOFF FLOW DURING STORMS AND PERIODS OF RAINFALL.
- CARE SHALL BE TAKEN SO AS TO PREVENT ANY UNSUITABLE MATERIAL FROM ENTERING EITHER EXISTING OR PROPOSED DRAINAGE OR SEWER STRUCTURES.
- SEDIMENTATION CONTROL DEVICES SHALL BE INSPECTED PERIODICALLY AND AFTER PERIODS OF RAINFALL. SUCH DEVICES SHALL BE REPAIRED OR REPLACED AS NEEDED.
- CARE SHALL BE TAKEN SO AS NOT TO PLACE REACHED SEDIMENT WITHIN THE PATH OF EXISTING, NEWLY CREATED (BOTH TEMPORARY AND PERMANENT) OR PROPOSED WATERCOURSES OR THOSE AREAS SUBJECT TO STORM WATER FLOW.
- ADDITIONAL HAYBALES, SILT FENCE OR SANDBAGS SHALL BE LOCATED AS CONDITIONS WARRANT OR AS DIRECTED BY THE ENGINEER.
- REFERENCE THE "RHODE ISLAND EROSION AND SEDIMENT CONTROL HANDBOOK" PREPARED BY THE U.S. DEPT. OF AGRICULTURE, SOIL CONSERVATION SERVICE, 1988 WITH ANY AMENDMENTS, AS A GUIDE.

ORDER OF PROCEDURE

- IMMEDIATELY UPON COMPLETION OF THE CLEARING AND GRUBBING OPERATION AND PRIOR TO ANY GRADING TEMPORARY HAYBALES, SILT FENCE OR SANDBAGS SHALL BE PLACED OUTSIDE THE LIMITS OF DISTURBANCE AS SHOWN ON THE PLANS. (I.E. ALONG NEW ROADWAYS, STREAMBANKS, CRITICAL AREAS, ETC.)
- ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE PERIODICALLY CLEANED AND MAINTAINED AS PER THE RESPECTIVE PROGRAMS DURING THE CONSTRUCTION.
- IF WORK PROGRESS IS TO BE INTERRUPTED AT ANY TIME, REFERENCE EROSION AND SEDIMENTATION CONTROL PROGRAMS FOR TEMPORARY CONTROL.

MAINTENANCE AND RESPONSIBILITY

- THE CONSTRUCTION SUPERINTENDENT SHALL HAVE THE SOLE RESPONSIBILITY FOR THE DESIGN IMPLEMENTATION. HE SHALL ALSO BE RESPONSIBLE FOR ENSURING THAT ALL CONSTRUCTION WORKERS AND SUB-CONTRACTORS ARE AWARE OF THE PROVISIONS OF THIS PLAN AND THE ENGINEER'S REPORT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL ASPECTS OF THE DESIGN PRIOR TO FINAL APPROVAL BY THE TOWN. DURING THAT TIME, ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED ON A WEEKLY BASIS AS WELL AS AFTER EACH SIGNIFICANT RAINFALL. ALL SUCH MEASURES SHOULD BE CLEANED OR REPLACED AS NECESSARY.
- REPLANTING, REGRADING OR OTHER REPAIRS NEEDED AS A RESULT OF EROSION AND SEDIMENTATION SHOULD BE DONE PROMPTLY.

NOTES:

- ALL EROSION CONTROL MEASURES TO REMAIN FOR 3 CONSECUTIVE MOWINGS.
- CONTRACTOR TO CALL PUBLIC WORKS PRIOR TO CONSTRUCTION AND AGAIN FOR FINAL INSPECTION.
- THIS SITE AS DESIGNED WILL HAVE NO ADVERSE EFFECT ON ABUTTING PROPERTIES ASSUMING EROSION CONTROL PLAN IS IMPLEMENTED.
- FOR DRIVEWAYS SLOPING DOWN TOWARD THE ROAD HAYBALES TO BE SET ACROSS DRIVEWAY AT THE END OF DAY.
- CONSTRUCTION TO COMMENCE IMMEDIATELY FOLLOWING APPROVAL AND WILL TAKE APPROXIMATELY 8 MONTHS TO COMPLETE.

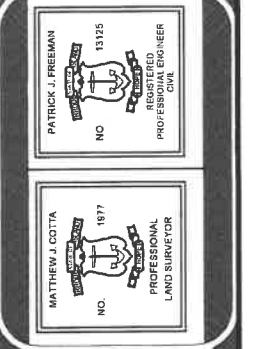
GENERAL NOTES

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ANY AND ALL PERMITS REQUIRED BY THE STATE OF RHODE ISLAND AND THE MUNICIPALITY PRIOR TO COMMENCING ANY WORK.
- IT SHALL ALSO BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE INTEGRITY OF ALL EXISTING UTILITIES, STRUCTURES, AND ABUTTING PROPERTIES. THE COST OF ANY REPAIR OR REPLACEMENT OF DAMAGED ITEMS SHALL BE BORNE BY THE CONTRACTOR.
- THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE MUNICIPAL ENGINEERING DEPARTMENT AND ALL UTILITY INSTALLATIONS AND INSPECTIONS WITH THE APPROPRIATE UTILITY CO. A 48 HOUR ADVANCE NOTICE IS REQUIRED BEFORE WORK COMMENCEMENT.
- ALL WORK WITHIN THE STATE OF RHODE ISLAND SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2015 AMENDED AUGUST 2013 AND STANDARD DETAILS, JUNE 15, 1988 AS AMENDED BY REVISION 5. ALL TRAFFIC CONTROL SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES 2009, INCLUDING ALL REVISIONS.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR QUANTITY TAKE OFF IN COMPUTING ANY ESTIMATES.
- EMBANKMENT SLOPES AND ALL DISTURBED AREAS ARE TO RECEIVE 4" OF TOPSOIL AND SEED. SEE EROSION CONTROL PROGRAM DETAILS.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION INDICATED ON THESE PLANS THAT INCLUDES ANY CONSTRUCTION TO BRING UTILITIES TO THE SITE. ANY REPAIRS, ANY TRENCHING REQUIRED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL TEMPORARY SEDIMENTATION AND SOIL EROSION CONTROL MEASURES.
- THE LOCATION OF EXISTING UTILITIES AS SHOWN ARE APPROXIMATE AND SHOULD BE VERIFIED BY THE CONTRACTOR WITH THE APPROPRIATE UTILITY COMPANIES. CALL DIG-SAFE (1888)344-7233.
- IN ALL EXCAVATION AND PLACEMENT OF FILL THE CONTRACTOR SHALL PERFORM THE WORK IN FULL COMPLIANCE WITH THE R.I. STANDARD SPECIFICATION SECTION 202.
- ALL CONSTRUCTION AND UTILITY WORK SHALL CONFORM TO THE LATEST MUNICIPAL STANDARDS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN, COMPREHEND AND IMPLEMENT THESE REQUIREMENTS PROPERLY.

THIS PLAN IS TO BE INDEXED UNDER THE FOLLOWING ROADS:
1. BEACON AVENUE

TOWN SUBMISSION FOR
JOHN CONNORS
LOCATED AT
A.P. 16, LOT 73
222 BEACON AVENUE
JAMESTOWN, R.I.

Checked By: MJC
Date: 09/01/2022
Drawn By: P.J.F
Scale: 1" = 10'
NO. REVISION
BY DATE



AMERICAN ENGINEERING, INC.
Professional Engineering & Land Surveying
400 South County Trail - Suite A 201
Exeter, Rhode Island 02822
DCotta@AmericanEngineeringRI.com
Phone (401) 294-4090 / Fax (401) 294-3625

Sheet
of 1 sheets
Drawing No. 122151