

Truro Board of Health

Tuesday August 6, 2024 at 4:30 PM

Truro Board of Health Notice of Regular (Hybrid) Meeting

Meeting will open at 4:30 PM in the Select Board Chambers at Truro Town Hall on the 2nd floor.

The Truro Town Hall is located at 24 Town Hall Road

This will be a hybrid meeting (in-person and remote access). Citizens in Truro can view the meeting on Channel 8 and on the homepage of the Town of Truro website on the "Truro TV Channel 8" button found under "Helpful Links". Once the meeting has started, click on the green "Watch" button in the upper right of the page. To join the meeting by phone or to provide comment during the meeting, please call-in toll free at 1-305-224-1968 and enter the following Meeting ID when prompted: Meeting ID: 884 7580 5887 To join this Zoom meeting from your computer, tablet or smartphone enter https://us02web.zoom.us/j/88475805887 Please note that there may be a slight delay between the meeting and the live-stream (and television broadcast).

If you are watching the meeting and calling in, please lower the volume on your computer or television during public comment so that you may be heard clearly. We ask that you identify yourself when calling in; citizens may also provide public comment for this meeting by emailing the Health Agent at ebeebe@truro-ma.gov with your comments.

I. PUBLIC COMMENT Please note that the Commonwealth's Open Meeting Law limits any discussion by members of the Board of an issue raised to whether that issue should be placed on a future agenda

II. AGENDA ITEMS

- 1. Renewal of expired, previously approved variances to Title 5 and TBoH regulations: 7 Hughes Road, Linnet Hultin
- 2. Title 5 and TBOH regulations variance requests: 32 Shore Road, Christian Union Church
- 3. <u>Title 5 and TBOH regulations variance requests:</u> 2 Adams Way, Adam Luster & Edwidge Yingling, (continued from 7/16/2024)
- 4. Change of Manager: Pilgrim Beach Village, 174 Shore Road Roberta Schnabel/Todd Souza

III. MINUTES

IV. REPORTS
Report of the Chair
Health Agent's Report





Fee: \$75.00



APPLICATION FOR BOARD OF HEALTH VARIANCES

Date: 7/3/24		
Property Owner's Name: Linn	et Hultin	
Mailing Address: PO BOX 7	59 N TRURO	MA 02652
Address of Property: 7 Hughe	s Rd	
Map and Parcel Number: M	ap # 39	Parcel # 146
Design Engineer/SanitarianDav	⁄id Lajoie	
Firm/Company Name: FELCO		Phone #:NA
Address: NA		
Please check type of variance rec Title 5 Variance Request: Se		15.211, 15.212, 14.405(1)(c)
Board of Health Variance Re	quest: Section/Ar	article Section VI, Article 9 setbacks to wetlands
jesnie Hullin		7/3/24
Chature (Representative)		Date 7/2/24
Signature (Pr	operty Owner)	

HEALTH DEPARTMENT TOWN OF TRURO

JUL 0 3 2024

RECEIVED BY:

Linnet Hultin 7 Hughes Rd PO Box 759 N Truro, MA 02652

07/3/24

To Whom it May Concern:

The variances being applied for (V#2021-09) were previously approved on July 6, 2021, but due to financial constraints the system has not yet been installed. Unfortunately during this time our septic designer (David Lajoie of Felco, Inc) has retired. We are working with JF Noons on re-pricing the proposed septic system and intend to have it installed before the end of 2024, as soon as possible once the variances have been approved.

Thank you for your consideration.

Linnet Hultin Property Owner

HEALTH DEPARTMENT TOWN OF TRURO

JUL 0 3 2024

RECEIVED BY:

July 12, 2021

FELCO, Inc. PO Box 1366 Orleans, MA 02653

RE: 7 Hughes Rd (39-146), Linnet Hultin, V#2021-09 Variance to 310 CMR 15.211, 15.212, 15.405(1)(c) & Truro BOH Regulations Section VI, Article 9 & 10; plan date 6/21/2021

Dear Mr. Lajoie,

Please be advised that the Truro Board of Health at their regularly scheduled meeting on July 6, 2021 made a motion regarding the above-referenced variance request.

FOR YOUR INFORMATION, THE MOTION STATED:

Ms. Grimm motioned to approve the variances as requested, noting that the Operation & Maintenance agreement shall conform with our current regulations dated 7/1/2021:

310 CMR 15.211

- 1.) 4' from septic tank to property line (street)
- 2.) 4' from leach area to property line (street)
- 3.) 3' from leach area to property line (parcel 143)

310 CMR 15.212

4.) 1.8' from bottom of leach area to groundwater

310 CMR 15.405(1)(c)

5.) 75% leach area capacity

Truro Board of Health Regulations, Article 9 & 10

- 6.) 46'+/- from septic tank to wetland
- 7.) 116'+/- from leach area to wetland

Mr. Koll seconded. Vote: 5-0-0, motion carries.

HEALTH DEPARTMENT TOWN OF TRURO

JUL 0 3 2024

RECEIVED BY:

Should you have any questions, please feel free to contact me at 508-214-0202.

Sincerely,

Arozana Davis

Assistant Health & Conservation Agent

P.O. Box 1366 🕲 1 Namskaket Road 🕲 Orleans, MA 02653 🕲 Tel: 508-255-8141 🕲 Fax: 508-255-2954 🕲 info@felcoengineering.com

October 19, 2021

HEALTH DEPARTMENT TOWN OF TRURO

JUL 0 3 2024

Emily Beebe

RECEIVED BY:

Truro Health and Conservation Department

P.O. Box 2030

Truro, MA 02666

Re:

Linnet Hultin

7 Hughes Road, Truro Map 39, Parcel 146

Dear Emily:

Enclosed please find copies of a revised Site & Sewage Plan (dated Rev. 10/13/21) for the property referenced above. These plans have been finalized with the soil testing performed on 7/28/21.

This project received approval from the Board of Health on 7/6/21 and the Conservation Commission on 7/12/21. Since that time, the plan has been revised to remove the retaining wall surrounding the leach area due to the revised high groundwater level. Minor regrading is now part of the design, which is located within the approved work limit. Additionally, the distances to the wetland have not changed.

Please advise if these revisions require a new submittal to the Board.

Sincerely,

David Lajoie

FELCO, INC.

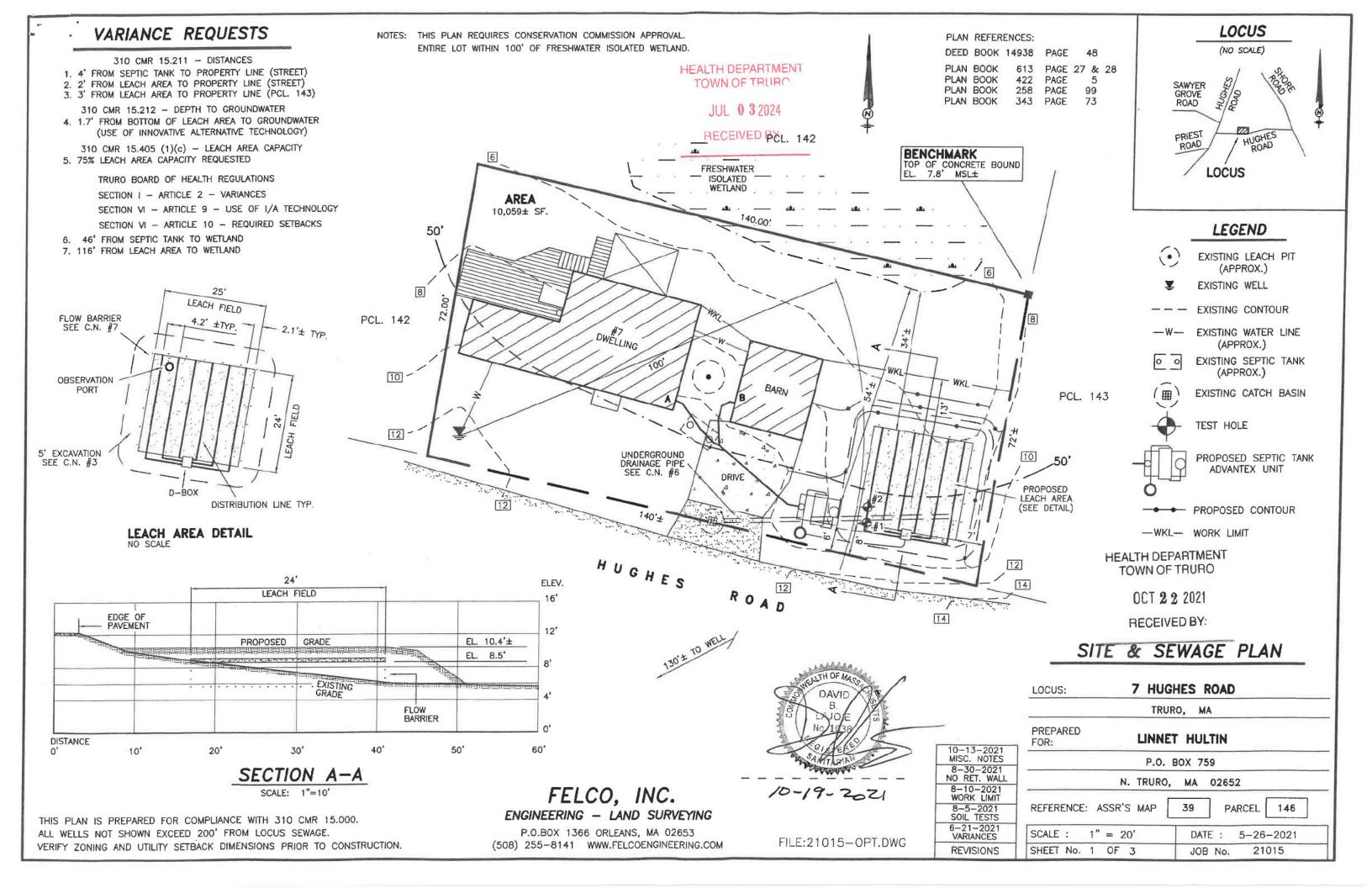
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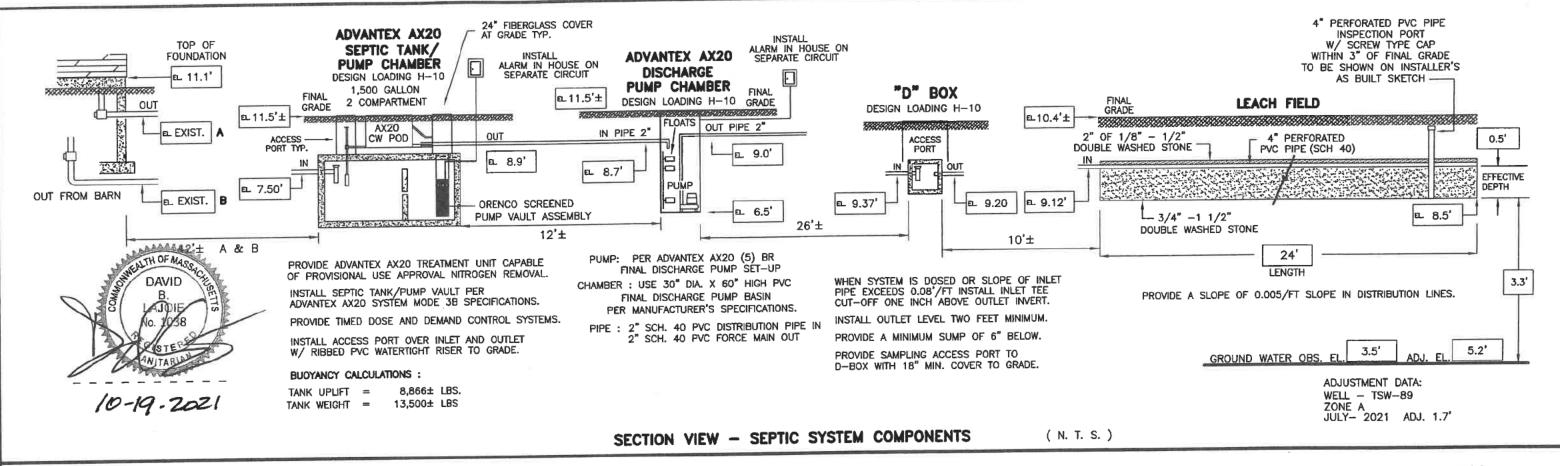
xc: Client

HEALTH DEPARTMENT TOWN OF TRURO

OCT 2 2 2021

RECEIVED BY:





DEEP OBSERVATION HOLE LOG

SOIL EVALUATOR: D. LAJOIE
L 7.8' DATE: 7-28-2021 HEALTH DEPT. WITNESS: A. DAVIS

DEPTH	LOWEST ELEVATION	HORIZON	TEXTURE	STRUCTURE	MOTTLING	CONSISTENCE
0.0'		A	LOAMY SAND	NO	NO	LOOSE
0.3'	7.5'		3/140			
		Cf	FILL			
1.5'	6.3'					
		С	MEDIUM- COARSE SAND	NO	NO	LOOSE
WATER © EL. 4.3	3.5'		PERC © 4.3' <2 MIN/IN			
5.5'	2.3'		,			

2 EL 7.8' DATE: 7-28-2021 SOIL EVALUATOR: D. LAJOIE HEALTH DEPT. WITNESS: A. DAVIS

DEPTH	LOWEST ELEVATION	HORIZON	TEXTURE	STRUCTURE	MOTTLING	CONSISTENCE
0.01		А	LOAMY SAND	NO	NO	LOOSE
0.5'	6.3'		SAND	-		
		Cf	FILL			
1.5'	5.3'					
		С	MEDIUM- COARSE SAND	NO	NO	LOOSE
WATER © 4.3'	3.5'		PERC RATE			
5.5'	2.3'					

GENERAL NOTES

- ALL CONTRACTORS AND/OR INSTALLERS ARE RESPONSIBLE FOR PROVIDING AND MAINTAINING A SAFE WORK AREA.
- CONTRACTORS AND/OR INSTALLERS: VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION.
- 3. CONTRACTORS AND/OR INSTALLERS: VERIFY ALL WASTE LINE LOCATIONS PRIOR TO CONSTRUCTION.
- CONSTRUCTION DETAILS TO BE IN ACCORDANCE WITH STATE SANITARY CODE 310 CMR 15.000 AND TOWN BOARD OF HEALTH REQUIREMENTS.
- 5. ELEVATION DATUM IS FROM X U.S.G.S. QUAD. MAP. N.A.V.D.
- 6. MUNICIPAL WATER IS AVAILABLE YES X NO
- ANY ALTERATIONS TO DESIGN MUST BE APPROVED BY FELCO, INC. AND TOWN BOARD OF HEALTH.
- ALL EXISTING SEWAGE TO BE PUMPED AND FILLED WITH CLEAN MEDIUM SAND.
- SEPTIC TANKS, DOSING CHAMBERS, GREASE TRAPS, AND DISTRIBUTION BOXES SHALL BE INSTALLED WATERTIGHT.
- 10. WHEN SEPTIC TANK, DOSING CHAMBERS, GREASE TRAPS, AND DISTRIBUTION BOXES ARE PLACED IN FILL, PROVIDE A LEVEL STABLE BASE WHICH HAS BEEN MECHANICALLY COMPACTED. VIRGIN GROUND WITH A 6" CRUSHED STONE BASE IS OTHERWISE ADEQUATE.
- 11. GROUND COVER OVER SEPTIC SYSTEM COMPONENTS SHALL NOT EXCEED 36".
- WHEREVER SEWER LINES MUST CROSS WATER SUPPLY LINES, BOTH PIPES SHALL BE CONSTRUCTED OF CLASS 150 PRESSURE PIPE OR EQUIV. AND SHALL BE PRESSURE TESTED TO ASSURE WATERTIGHTNESS.
- 13. ALL SYSTEM COMPONENTS SHALL BE MARKED WITH MAGNETIC MARKING TAPE OR A COMPARABLE MEANS IN ORDER TO LOCATE THEM ONCE BURIED.
- PROVIDE (1) MIN. 4" PERFORATED PVC PIPE INSPECTION PORT PLACED VERTICALLY DOWN TO STONE/SAND INTERFACE W/ SCREW TYPE CAP WITHIN 3" OF FINAL GRADE PER 310 15.240 (13).

DESIGN

EXISTING 4 BEDROOM DWELLING FLOW DETERMINATION FYISTING BEDROOM BARN FXISTING 5 BEDROOM USE TOTAL GARBAGE GRINDER X NO YES FLOW RATE = 550 GAL/DAY SEPTIC TANK SIZING: x 2.0 = 1,100 | GAL/DAY USE: ADVANTEX AX20 1,500 (2) COMPARTMENT TANK LEACHING FACILITY CALCULATIONS: 5 MIN/INCH | CLASS PERCOLATION RATE IS < 600 x 0.74 444 GAL/DAY 550 GPD X 25% REDUCTION = 413 GPD REQUIRED 444 GPD PROVIDED. 24' LONG x 25' WIDE LEACH FIELD

w/ 0.5' EFFECTIVE DEPTH

NOTE: RESERVE AREA NOT SHOWN. VARIANCE REQUEST

NOT REQUIRED PER DEP POLICY LETTER DATED

JANUARY 3, 1996 FOR REPAIR DESIGNS ONLY.

FELCO, INC.
ENGINEERING - LAND SURVEYING

CONSTRUCTION NOTES

- MODIFY WASTE LINES FROM DWELLING AND BARN TO PIPE DIRECTLY TO NEW SEPTIC TANK.
- PUMP EXISTING SEPTIC TANK AND FILL WITH SAND OR REMOVE.
- 3. EXCAVATE ALL UNSUITABLE SOIL 5' AROUND' LEACH AREA DOWN TO MEDIUM—COARSE SAND AND REPLACE WITH CLEAN MEDIUM SAND.
- 4. WORK LIMIT TO BE STAKED SILT FENCE.
- ALL DISTURBED AREAS TO BE REVEGETATED WITH NATIVE GRASS UPON WORK COMPLETION.
- UNDERGROUND DRAINAGE PIPE TO BE REMOVED OR MODIFIED AFTER CONSULTATION WITH TOWN D.P.W. AND OWNER.
- INSTALL 40 MIL POLYVINYL FLASHING OR EQUIV. AS FLOW BARRIER AS SHOWN IN LEACH AREA DETAIL FROM EL. 9.6' DOWN TO EL. 5.6'.

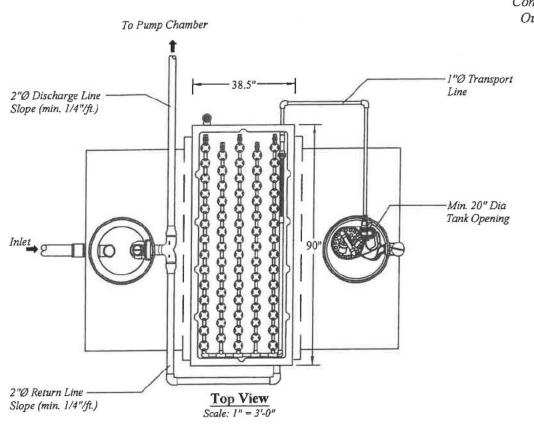
JOB No : 21015	NAME : HULTIN
DATE : 5-26-2021	SHEET 2 OF 3
DE #610NG . 6-21-202	1 8-5-2021 8-10-2021

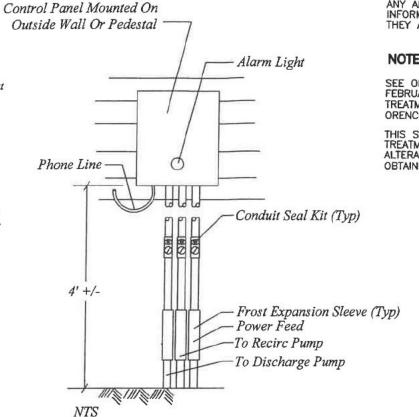
REVISIONS: VARIANCES SOIL TESTS WORK LIMIT

8-30-2021 10-13-2021

NO RET. WALL MISC. NOTES

FILE:21015-OPT.DWG





FELCO, INC. DISCLAIMER:

ANY AND ALL PLANS, SPECIFICATIONS, DIMENSIONS, DRAFTS, MODELS, ARCHITECTURAL DRAWINGS, ENGINEERING, INFORMATION, OR DESIGNS PROVIDED HEREIN ARE NOT THE WORK, OR WORK PRODUCT, OF FELCO, INC. AND, AS SUCH, THEY ARE NOT ENDORSED, APPROVED, GUARANTEED, OR WARRANTED BY FELCO, INC.

NOTES:

SEE ORENCO SYSTEMS, INC. FOR MASSACHUSETTS DEP MODIFIED GENERAL USE APPROVAL LETTER REVISED FEBRUARY 7, 2019 FOR RESIDENTIAL ADVANTEX "DETAILS & SPECIFICATIONS AX20 MODE 3B" WASTEWATER TREATMENT SYSTEM. INSTALLATION, MONITORING, OPERATION AND MAINTENANCE MUST BE PROVIDED BY AN ORENCO SYSTEMS, INC. CERTIFIED CONTRACTOR.

THIS SHEET WAS PROVIDED BY ORENCO SYSTEMS, INC. AS A REPRESENTATIVE DESCRIPTION OF THE WASTEWATER TREATMENT SYSTEM AND IS PROVIDED AS A SUPPLEMENT SHEET FOR THE TOWN HEALTH DEPARTMENT. ANY ALTERATIONS OR CHANGES TO THE COMPONENTS ARE TO BE PROVIDED TO THE HEALTH DEPARTMENT PRIOR TO OBTAINING THE DISPOSAL WORKS PERMIT.

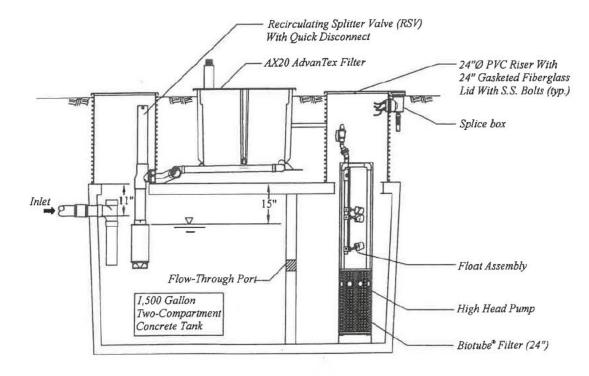
HEALTH DEPARTMENT TOWN OF TRUBO

JUL 0 3 2024

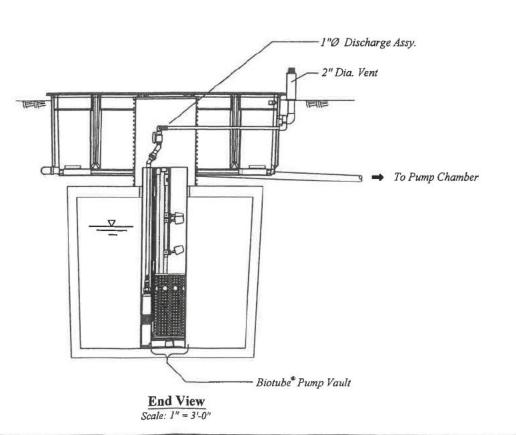
RECEIVED BY

General Notes:

- 1. Phone Line with minimum service is required. Does NOT need to be a dedicated line.
- 2. Set Treatment Pod over tank on solid level base of 6" 8" clean sand or pea stone.
- 3. Tank coordination and approval by Orenco, Inc. representative is required prior to construction. Tank must meet minimum structural standards and be tested for
- 4. Float and RSV settings based on typical tank dimensions to be verified upon tank
- 5. Manufacturer requires this system to be installed and maintained by a trained/authorized installer/maintenance provider. Failure to maintain an ongoing O&M contract may result in voiding of any/all warranties. Other State and/or Local requirements or regulations may



Side View Scale: 1" = 3'-0"



HEALTH DEPARTMENT TOWN OF TRURO

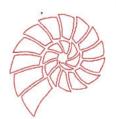
OCT 2 2 2021

RECEIVED BY

JOB No : 21015 NAME : HULTIN DATE: 5-26-2021 SHEET 3 OF 3

REVISIONS : 6-21-2021 8-5-2021 8-10-2021 VARIANCES SOIL TESTS WORK LIMIT

8-30-2021 10-13-2021 NO RET. WALL MISC. NOTES



J.M. O'REILLY & ASSOCIATES, INC.

V2024-13

Professional Engineering, Land Surveying & Environmental Services

Site Development • Property Line • Subdivision • Sanitary • Land Court • Environmental Permitting

July 25, 2024

Truro Board of Health 24 Town Hall Road Truro, MA 02536

RE: Board of Health Variance Request

32 Shore Road, Truro, MA Map: 36 Parcel: 132 JMO # 9607
HEALTH DEPARTMENT
TOWN OF TRURO

JUL 2 6 2024
RECEIVED BY:

Dear Board Members,

On behalf of our client, the Christian Union Church, J.M. O'REILLY & ASSOCIATES, INC. is filing a request for Variance from Title 5 and Truro Board of Health Regulations for the proposed sewage system upgrade at the above referenced property. The property is currently served by a cesspool.

The project proposes to replace the cesspool currently serving the existing 6-bedroom dwelling with a Title 5 sewage disposal system which will include an Advantex AX-20 treatment unit. Due to the proximity of groundwater, the proposed soil absorption system (SAS) is to be raised within a containment wall. Since Advantex AX-20 has both General Use and Remedial Use approvals from MassDEP, the proposed system makes use of both the nitrogen reduction credit and the 50% SAS reduction credit. Due to the proximity of wetland resources, the following variances are being requested from Massachusetts 310 CMR 15.000 (Title 5) and Truro Board of Health Regulations:

VARIANCES: 310 CMR 15.211 (Setbacks)

- 1. Variance of 2' requested from the 10' separation requirement from the SAS to the property lines.
- Variance of 3' requested from the 10' separation requirement from the septic tank to the foundation.
- 3. Variance of 4' requested from the 10' separation requirement from the pump basin to the foundation.

VARIANCE: 310 CMR 15.227(5) (Septic Inverts)

Variance of 12" requested from the 12" separation requirement from groundwater to septic tank invert.

VARIANCE: 310 CMR 15.248(1) (Reserve Area)

5. Variance requested to allow for no provision of the required reserve area.

VARIANCE: 310 CMR 15.255(5) (Soil Removal)

6. Variance requested to allow removal of soil directly under the SAS only with no 5' extension.

VARIANCES - Truro Board of Health Regulations, Section VI, Article 9:

- Variance requested from the above referenced regulation, which requires 100' setback from Septic Tank to Wetlands. Setback distance of 47' is provided, 53' variance is requested.
- Variance requested from the above referenced regulation, which requires 150' setback from Soil Absorption System to Wetlands. Setback distance of 63' is provided, 87' variance is requested.

A representative from our office will be present at the August 6, 2024 public hearing so as to further review the proposal and answer any questions the Board may have.

Very truly yours,

J.M. O'REILLY & ASSOCIATES, INC.

Robert Reedy, P.E. Project Engineer

Cc: Client

John M. O'Reilly, PE, PLS

Encl: Variance Application Package

RFR/aw

APPLICATION FOR BOARD OF HEALTH VARIANCES

Date: 7/25/2024
Property Owner's Name: Christian Union Church Mailing Address: P.O. Box 187, N. Truro, MA 02652
Address of Property: 32 Shore Road Map and Parcel Number: Map # 36 Parcel # 132
Design Engineer/Sanitarian Robert F. Reedy, P.E. Firm/Company Name: J.M. O'Reilly & Associates, Inc. Phone #:508-896-6601
Address: 1573 Main St., P.O. Box 1773, Brewster, MA 02631
Please check type of variance requested: Title 5 Variance Request: Section (7) Variances requested from Title 5. See Plan.
■ Board of Health Variance Request: Section/Article Section VI, Article 9: Setbacks
Signature (Representative) T/25/2024 Date
Signature (Property Owner)

RESIDENTIAL NITROGEN LOADING CALCULATIONS - PROPOSED (6 BR + I/A)

GPD

Job - #9495

Impervious Surfaces:

Lot Size:

Natural Area: Title V Flow:

20,617 ft 2

Lawn Area: 1,000 ft 2

WASTEWATER

Title V

$$=$$
 2,498.1 L/d x 19 $\frac{mg}{l}$ = $\frac{47,463.9}{l}$ mg/d

Actual (assume 2.5 people/unit average occupancy within the town)

$$x = 110$$
 $x = 3.785$ $x = 2.5$ $x = 520.4$ $x = 19$ $x = 9.888.3$ $x = 9.888.3$

IMPERVIOUS SURFACES

Roof

$$\frac{1,163}{yr}$$
 x $\frac{40 \text{ in}}{yr}$ x $\frac{\text{ft}}{12 \text{ in}}$ x $\frac{28.32 \text{ L}}{\text{ft}^3}$ x $\frac{1 \text{ yr}}{365 \text{ d}}$ = $\frac{300.8}{L}$ L/d x $\frac{0.75}{L}$ $\frac{\text{mg}}{L}$ = $\frac{225.6}{L}$ mg/d

Paving

LAWN

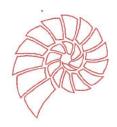
NATURAL

SUMMARY

Title V Flow
$$\frac{47,463.9}{2,498.1} + \frac{225.6}{300.8} + \frac{0.0}{0.0} + \frac{932.9}{2,127.5} = \frac{48,622}{4,926}$$

9.87

ppm



J.M. O'Reilly & Associates, Inc.

Professional Engineering, Land Surveying & Environmental Services

Site Development • Property Line • Subdivision • Sanitary • Land Court • Environmental Permitting

TO:

Abutters

FROM:

J. M. O'REILLY & ASSOCIATES, INC.

1573 MAIN STREET BREWSTER, MA 02631

RE:

32 Shore Road, Truro, MA

Board of Health Variance Request

DATE:

July 25, 2024

On behalf of our client, the Christian Union Church, J. M. O'REILLY & ASSOCIATES, INC. is requesting the Truro Board of Health to review and grant the following variances from Massachusetts 310 CMR 15.000 (Title 5) and Truro Board of Health regulations for the proposed sewage system upgrade at the above referenced property. The following variances are being requested:

VARIANCES: 310 CMR 15.211 (Setbacks)

- 1. Variance of 2' requested from the 10' separation requirement from the SAS to the property lines.
- 2. Variance of 3' requested from the 10' separation requirement from the septic tank to the foundation.
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- 2. Variance requested from the above referenced regulation, which requires 150' setback from Soil Absorption System to Wetlands. Setback distance of 63' is provided, 87' variance is requested.

A meeting has been scheduled with the Board of Health at Truro Town Hall on August 6, 2024 at 4:30 pm to discuss the proposal in greater detail. If you plan to attend, please contact the Town or visit the Truro Health Department webpage for further details.



TOWN OF TRURO

Assessors Office Certified Abutters List Request Form



	DATE: 7/18/24
NAME OF APPLICANT: The Resource Inc (Chris	
NAME OF AGENT (if any): J.M. O'Reilly & Associate	75 mo. 070 7 myson veng.k
MAILING ADDRESS: PO Box 1773, Brewster, M	MA 02631
CONTACT: HOME/CELL 508-896-6601	EMAIL awright@jmoreillyassoc.com
PROPERTY LOCATION: 32 Shore Road	(street address)
PROPERTY IDENTIFICATION NUMBER: MAP 3	6 PARCEL 132 EXT. (if condominium)
ABUTTERS LIST NEEDED FOR: (please check all applicable) (Fee must acco	FEE: \$15.00 per checked item ompany the application unless other arrangements are made)
➤ Board of Health ⁵ Planning Board (PB)	Zoning Board of Appeals (ZBA)
Cape Cod Commission Special Perm	it ¹ Special Permit ¹
Conservation Commission ⁴ Site Plan ²	Variance ¹
Licensing Preliminary S	Subdivision ³
Type: Definitive Su	bdivision ³
Accessory Dv	welling Unit (ADU) ²
Other	(Fee: Inquire with Assessors)
(Please Specify)	
Note: Per M.G.L., processing may take up to	10 calendar days. Please plan accordingly.
Date request received by Assessors:	Date completed: 7 18 WY Date paid: 18 WY Cash/Check
List completed by	Date pard.

¹Abutters, owners of land directly opposite on any public or private street or way, and abutters to the abutters within 300 feet of the property line.

²Abutters to the subject property, abutters to the abutters, and owners of properties across the street from the subject property.

³Landowners immediately bordering the proposed subdivision, landowners immediately bordering the immediate abutters, and landowners located across the streets and ways bordering the proposed subdivision. Note: For Definitive Subdivision only, responsibility of applicant to notify abutters and produce evidence as required.

⁴All abutters within 300 feet of parcel, except Beach Point between Knowles Heights Road and Provincetown border, in which case it is all abutters within 100 feet. Note: Responsibility of applicant to notify abutters and produce evidence as required.

⁵Abutters sharing any boundary or corner in any direction – including land across a street, river or stream. <u>Note</u>: Responsibility of applicant to notify abutters and produce evidence as required. Revised December 2019



TRURO ASSESSORS OFFICE

PO Box 2012 Truro, MA 02666 Telephone: (508) 214-0921 Fax: (508) 349-5506

Date: July 18, 2024

To: JM O'Reilly & Assoc., Inc., Agents for The Resource, Inc./Christian Union Church

From: Assessors Department

Certified Abutters List: 32 Shore Road (Map 36, Parcel 132)

Board of Health

Attached is a combined list of abutters for 32 Shore Road.

The current owner is The Resource, Inc./Christian Union Church.

The names and addresses of the abutters are as of July 12, 2024 according to the most recent documents received from the Barnstable County Registry of Deeds.

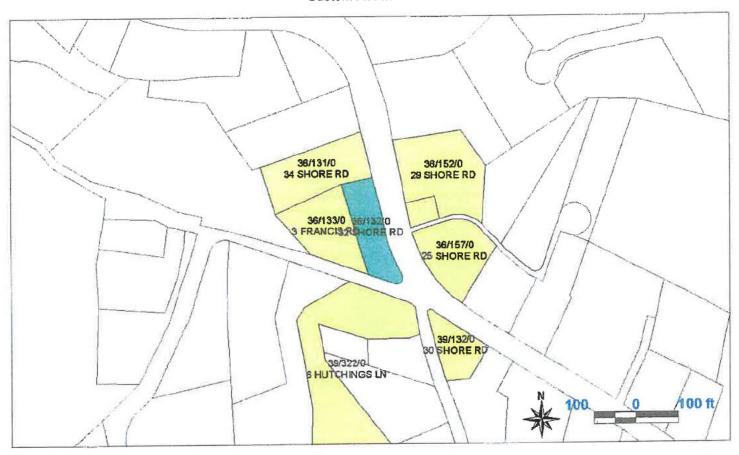
Certified by:

Olga Farrell Assessing Clerk

32 Shore Road Map 36, Parcel 132 Board of Health

TOWN OF TRURO, MA BOARD OF ASSESSORS P.O. BOX 2012, TRURO MA 02666

Custom Abutters List



					The second secon		
Key	Parcel ID	Owner	Location	Mailing Street	Mailing City	ST	ZipCd/Country
	36-131-0-R	THOLEN GRETCHEN M	34 SHORE RD	2031 RYANS RUN	LANDSDALE	PA	19446
1020	36-133-0-R	HIGGINS CHRISTMAS	3 FRANCIS RD	C/O MADDEN JOAN 25 CLIFF STREET	WESTON	MA	02493
1038	36-152-0-R	HOLWAY JEFFREY M & MCCABE KAREN A	29 SHORE RD	PO BOX 584	NO TRURO	MA	02652-0584
1042	36-156-0-E	CHRISTIAN UNION CHURCH	27 SHORE RD	PO BOX 187	NO TRURO	MA	02652-0187
1043	36-157-0-R	SOUZA CRAIG M & DEBRA S	25 SHORE RD	PO BOX 81	NO TRURO	MA	02652-0081
1257	39-132-0-R	30 SHORE RD NOMINEE TRUST TRS:ANNE&ADRIAN WEBB-JOHNSON	30 SHORE RD	PO BOX 364	NO TRURO	MA	02652
6309	39-322-0-R	6 HUTCHINGS LN REALTY TRUST	6 HUTCHINGS LN	10 PINE ISLAND RD	MATTAPOISETT	MA	02739

36-131-0-R

36-133-0-R

36-152-0-R

THOLEN GRETCHEN M 2031 RYANS RUN LANDSDALE, PA 19446 HIGGINS CHRISTMAS C/O MADDEN JOAN 25 CLIFF STREET WESTON, MA 02493 HOLWAY JEFFREY M & MCCABE KAREN A PO BOX 584 NO TRURO, MA 02652-0584

36-156-0-E

36-157-0-R

39-132-0-R

CHRISTIAN UNION CHURCH PO BOX 187 NO TRURO, MA 02652-0187 SOUZA CRAIG M & DEBRA S PO BOX 81 NO TRURO, MA 02652-0081 30 SHORE RD NOMINEE TRUST TRS:ANNE&ADRIAN WEBB-JOHNSON PO BOX 364 NO TRURO, MA 02652

39-322-0-R

6 HUTCHINGS LN REALTY TRUST TRS: JOAN L HUTCHINGS ET AL 10 PINE ISLAND RD MATTAPOISETT, MA 02739

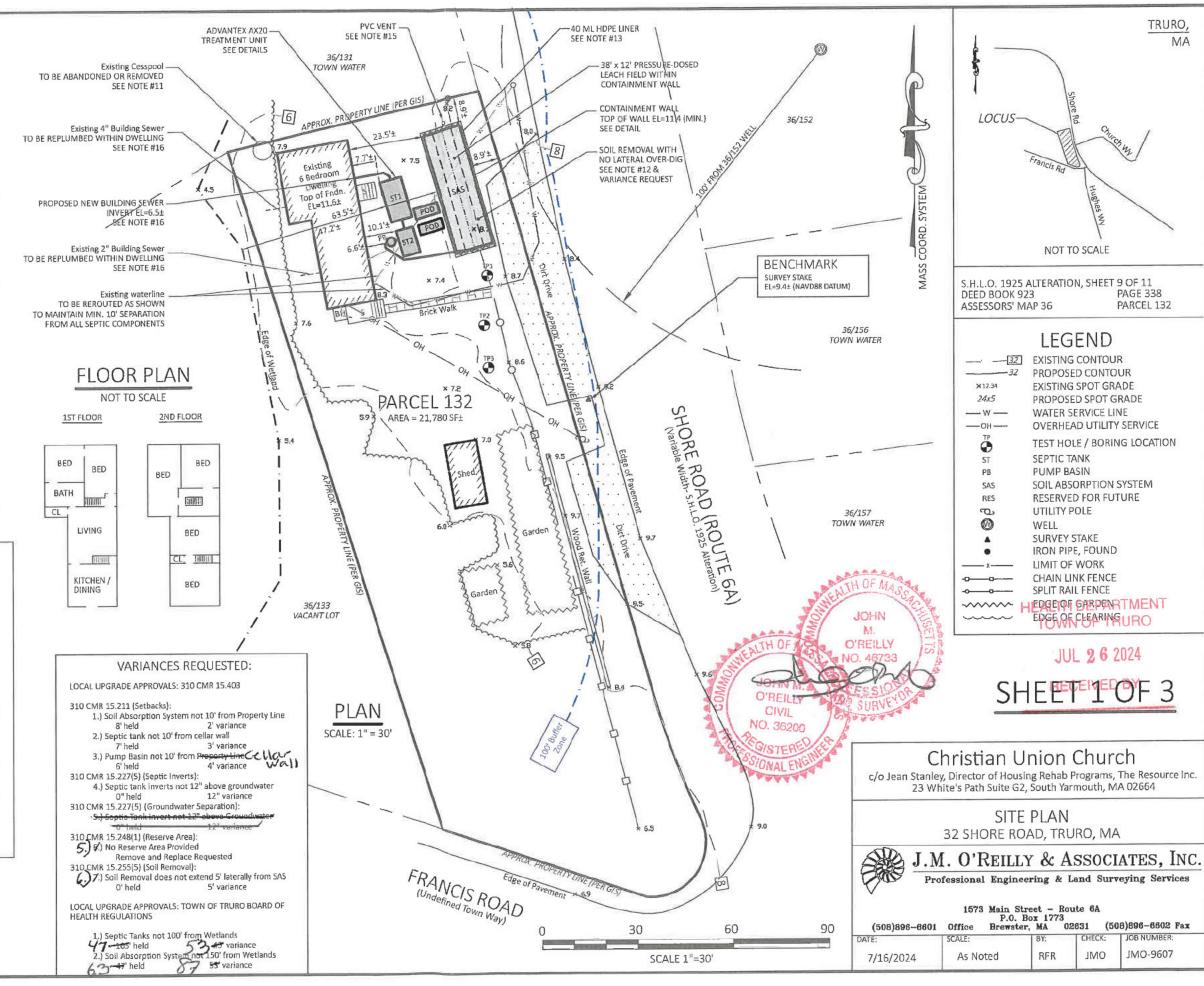
GENERAL NOTES:

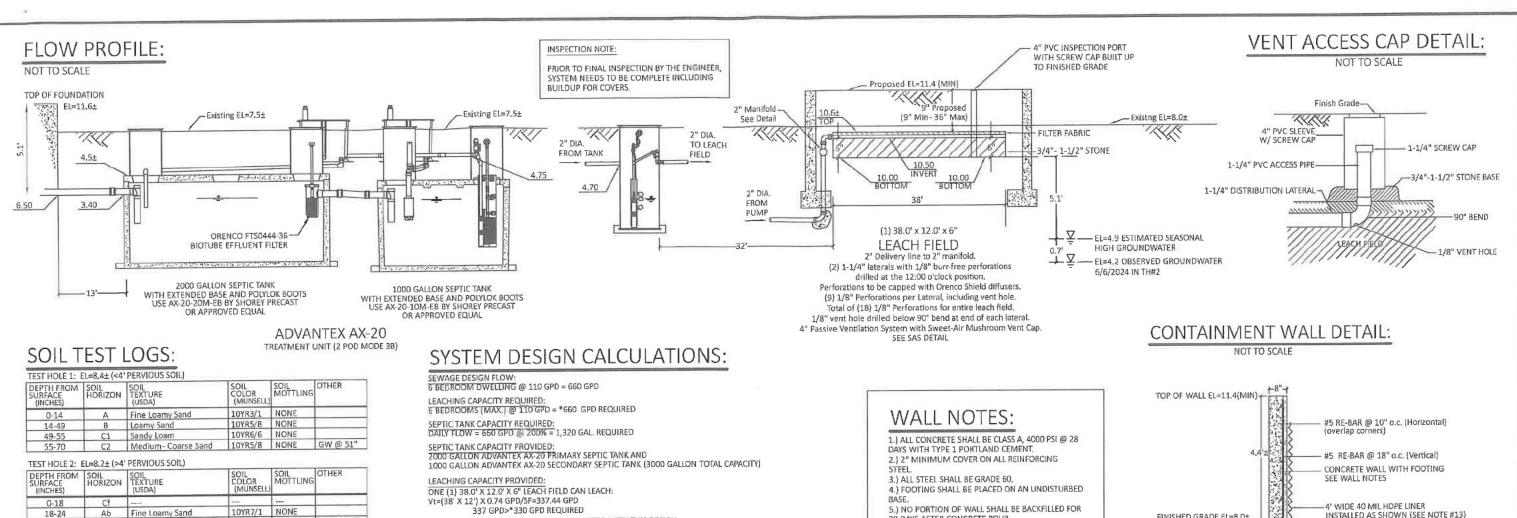
- A.) NEITHER DRIVEWAYS NOR PARKING AREAS ARE ALLOWED OVER SEPTIC SYSTEM UNLESS H-20 COMPONENTS ARE USED.
- B.) THE DESIGNER WILL NOT BE RESPONSIBLE FOR THE SYSTEM AS DESIGNED UNLESS CONSTRUCTED AS SHOWN. ANY CHANGES SHALL BE APPROVED IN WRITING.
- C.) CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCEMENT OF WORK.

CONSTRUCTION NOTES:

- 1.) ALL CONSTRUCTION SHALL CONFORM TO THE STATE ENVIRONMENTAL CODE, TITLE 5, AND THE REQUIREMENTS OF THE LOCAL BOARD OF HEALTH.
- 2.) SEPTIC TANK(S), GREASE TRAP(S), DOSING CHAMBER(S) AND DISTRIBUTION BOX(ES) SHALL BE SET ON A LEVEL STABLE BASE WHICH HAS BEEN MECHANICALLY COMPACTED, OR ON A 6 INCH CRUSHED STONE BASE.
- 3.) SEPTIC TANK(5) SHALL MEET ASTM STANDARD C1127-93 AND SHALL HAVE AT LEAST THREE 20" DIAMETER MANHOLES. THE MINIMUM DEPTH FROM THE BOTTOM OF THE SEPTIC TANK TO THE FLOW LINE SHALL BE 48".
- 4.) SCHEDULE 40 PVC INLET AND OUTLET TEES SHALL EXTEND A MINIMUM OF 6" ABOVE THE FLOW LINE OF THE SEPTIC TANK AND SHALL BE INSTALLED ON THE CENTERLINE OF THE TANK DIRECTLY UNDER THE CLEANOUT MANHOLE.
- 5.) RAISE COVERS OF THE SEPTIC TANK WITH PRECAST CONCRETE WATER TIGHT RISERS OVER INLET AND OUTLET TEES TO WITHIN 6" OF FINISH GRADE, OR AS APPROVED BY THE LOCAL BOARD OF HEALTH AGENT.
- 6.) PIPING SHALL CONSIST OF 4" SCHEDULE 40 PVC OR EQUIVALENT. PIPE SHALL BE LAID ON A MINIMUM CONTINUOUS GRADE OF NOT LESS THAN 1%.
- 7.) BASE AGGREGATE FOR THE LEACHING FACILITY SHALL CONSIST OF 3/4" TO 1-1/2" DOUBLE WASHED NATIVE STONE FREE OF IRON, FINES AND DUST AND SHALL BE INSTALLED BELOW THE CROWN OF THE DISTRIBUTION LINE TO THE BOTTOM OF THE SOIL ABSORPTION SYSTEM. BASE AGGREGATE SHALL BE COVERED WITH A LAYER OF FILTER FABRIC OR APPROVED EQUIVALENT.
- 8.) VENT SOIL ABSORPTION SYSTEM WHEN DISTRIBUTION LINES EXCEED 50 FEET; WHEN LOCATED EITHER IN WHOLE OR IN PART UNDER DRIVEWAYS, PARKING AREAS, TURNING AREAS OR OTHER IMPERVIOUS MATERIAL; OR WHEN PRESSURE DOSED.
- SOIL ABSORPTION SYSTEM SHALL BE COVERED WITH A MINIMUM OF 9" OF CLEAN MEDIUM SAND (EXCLUDING TOPSOIL).
- 10.) FROM THE DATE OF INSTALLATION OF THE SOIL ABSORPTION SYSTEM UNTIL RECEIPT OF A CERTIFICATE OF COMPLIANCE, THE PERIMETER OF THE SOIL ABSORPTION SYSTEM SHALL BE STAKED AND FLAGGED TO PREVENT THE USE OF SUCH AREA FOR ALL ACTIVITIES THAT MIGHT DAMAGE THE SYSTEM.
- 11.) EXISTING CESSPOOL(S) TO BE REMOVED OR ABANDONED-IN-PLACE IN ACCORDANCE WITH 310 CMR 15.354. ANY CONTAMINATED SOIL WITHIN 5' OF THE PROPOSED SOIL ABSORPTION SYSTEM SHALL BE REMOVED AND REPLACED WITH CLEAN SAND. AREA TO BE COMPACTED TO MINIMIZE SETTLING.
- 12.) SOIL REMOVAL: ALL UNSUITABLE SOILS SHALL BE REMOVED FROM UNDERNEATH THE SOIL ABSORPTION SYSTEM DOWN TO THE CLEAN SAND LAYER ("C1" IN THE AND THE B.). AREA TO BE BACKFILLED WITH CLEAN SAND AND COMPACTED TO MINIMIZE SETTLING. NO LATERAL OVER-DIG BEYOND LIMITS OF SOIL ABSORPTION SYSTEM. SEE VARIANCE REQUEST.
- 13.) INSTALL A 40 ML HDPE LINER ALONG EDGE OF CONTAINMENT WALL, AS SHOWN ON PLAN, FROM EL=11.0 TO EL=7.0. LENGTH OF LINER = $100^{\circ}\pm$.
- 14.) WATER PROOF NOTE: INSTALLER SHALL ENSURE ALL SEWAGE DISPOSAL SYSTEM CONNECTIONS, COMPONENTS, AND RISERS ARE ALL WATER PROOF. ALL CONNECTIONS SHALL BE MADE WITH HYDRAULIC CEMENT.
- 15.) PASSIVE PVC VENTILATION SYSTEM SHALL BE PIPED TO A 4" PVC VENT WITH 'SWEET-AIR' MUSHROOM CAP. VENT TO BE LOCATED OUTSIDE CONTAINMENT WALL, AS SHOWN ON PLAN. CONTRACTOR SHALL CUT A 3/8" DIAMETER WEEP HOLE IN BOTTOM OF VENT PIPING AT ITS LOWEST POINT, TO PREVENT WATER BUILDUP IN PIPE. INSTALL 12" x 12" x 6" DEEP SECTION OF 3/4"- 1-1/2" STONE BASE LAYER UNDERNEATH VENT PIPE WEEP HOLE. VENT SHALL BE SET 3' ABOVE FINISH GRADE.
- 16.) THE EXISTING 2" PVC BUILDING SEWER AND THE EXISTING 4" PVC BUILDING SEWER, BOTH NOTED ON THE PLAN, SHALL BE REPLUMBED TO EXIT THE FRONT OF THE BUILDING VIA (1) PROPOSED 4" PVC BUILDING SEWER, AS SHOWN ON THE PLAN. ALL PLUMBING WORK SHALL BE COMPLETED BY A LICENSED PLUMBER AND SHALL MEET STATE PLUMBING CODE 248 CMR 2.0 STANDARDS AND REQUIREMENTS.

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TEST HOLE 3: EL=8.2± (>4' PERVIOUS SOIL) DEPTH FROM SURFACE HORIZON TEXTURE MOTTLING (INCHES) 0-17 10YR7/1 NONE Fine Loamy Sand 17-22 GW @ 48" Medium - Coarse Sand 10YR5/8 NONE

GW @ 48"

10YR5/8 | NONE

PERCOLATION RATE: PERC @ 36" IN TH#3. LESS THAN 2 MIN/INCH IN MED.- CRS. SAND LAYER.

PVC VENT

SEE NOTE #15

(SEE DETAIL)

40 ML HDPE LINER

LATERAL ACCESS CAP

WITH 1/8" VENT HOLE

WITNESSED BY: ROBERT REEDY, P.E., J.M. D'REILLY & ASSOCIATES, INC. AROZANA DAVIS, TRURO HEALTH DEPARTMENT GROUNDWATER ENCOUNTERED @ 48", EL=4.2. USE A LOADING RATE OF 0.74 GPD/SF FOR SIZING OF SOIL ABSORPTION SYSTEM.

HIGH GROUNDWATER LEVEL CALCULATIONS	i :
Depth To Water Table (6/6/2024):	4.0°, EL=4.2
Appropriate Index Well:	TSW-89
Water Level Range Zone:	A (0'-2')
Current Depth To Water Level For Index Well (11/23):	10.9'
	0.7

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Estimated Depth To High Water:

HOF MA

NOTE: A GARBAGE DISPOSAL IS NOT PERMITTED WITH THIS DESIGN.

ONE (1) - 2000 GALLON CONCRETE SEPTIC TANK WITH EXTENDED BASE AND POLYLOK BOOTS (USE AX-20-20M-EB ADVANTEX PROCESS TANK FROM SHOREY PRECAST OR APPROVED EQUAL)

ONE (1) - 1000 GALLON CONCRETE SEPTIC TANK WITH EXTENDED BASE AND POLYLOK BOOTS

(USE AX-20-10M-EB ADVANTEX RECIRCULATION TANK FROM SHOREY PRECAST OR APPROVED EQUAL)

ONE (1) - ADVANTEX AX-20 MODE 3B TREATMENT UNIT WITH 2 PODS

ONE (1) - ADVANTEX DISCHARGE PUMP BASIN WITH LIBERTY 4/10 HP HIGH HEAD EFFLUENT PUMP OR EQUAL, MEETING MINIMUM REQUIREMENTS OF 14 FEET OF TOTAL DYNAMIC HEAD AT A 6 GALLON PER MINUTE FLOW RATE.

ONE (1)- ORENCO FTSD444-36 BIOTUBE EFFLUENT FILTER AT OUTLET OF 2000 GALLON SEPTIC TANK.

ONE (1)- 38' x 12' x 6" PRESSURE DOSED LEACH FIELD

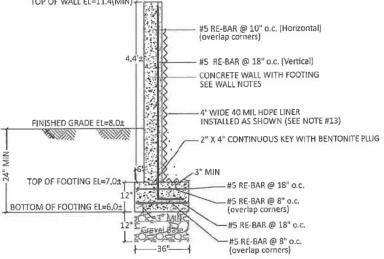
ONE (1) - PASSIVE 4" PVC VENT SYSTEM WITH 'SWEET-AIR' MUSHROOM CAP

*PER MASS DEP 'STANDARD CONDITIONS FOR SECONDARY TREATMENT UNITS CERTIFIED FOR REMEDIAL USE' SECTION II.5.A., THE REQUIRED EFFECTIVE LEACHING AREA MAY BE REDUCED UP TO 50%. 660 GPD x 50% = 330 GPD, NITROGEN REDUCTION CREDIT OBTAINED VIA MASS DEP 'STANDARD CONDITIONS FOR SECONDARY TREATMENT UNITS CERTIFIED FOR GENERAL USE'.

5.) NO PORTION OF WALL SHALL BE BACKFILLED FOR 28 DAYS AFTER CONCRETE POUR.

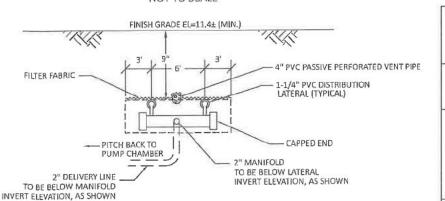
6.) HORIZONTAL RE-BAR SHALL WRAP AROUND CORNERS OF WALL TO PROVIDE SOLID CONTINUOUS SUPPORT.

7.) DESIGN ENGINEER TO CERTIFY REINFORCING STEEL IN FOOTING AND WALL PRIOR TO POURING



MANIFOLD CROSS-SECTION DETAIL

NOT TO SCALE



SHEET 2 OF 3

Christian Union Church

c/o Jean Stanley, Director of Housing Rehab Programs, The Resource Inc. 23 White's Path Suite G2, South Yarmouth, MA 02664

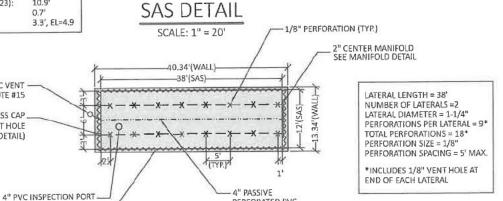
SEWAGE DISPOSAL SYSTEM DESIGN & NOTES 32 SHORE ROAD, TRURO, MA

J.M. O'REILLY & ASSOCIATES, INC.

Professional Engineering & Land Surveying Services

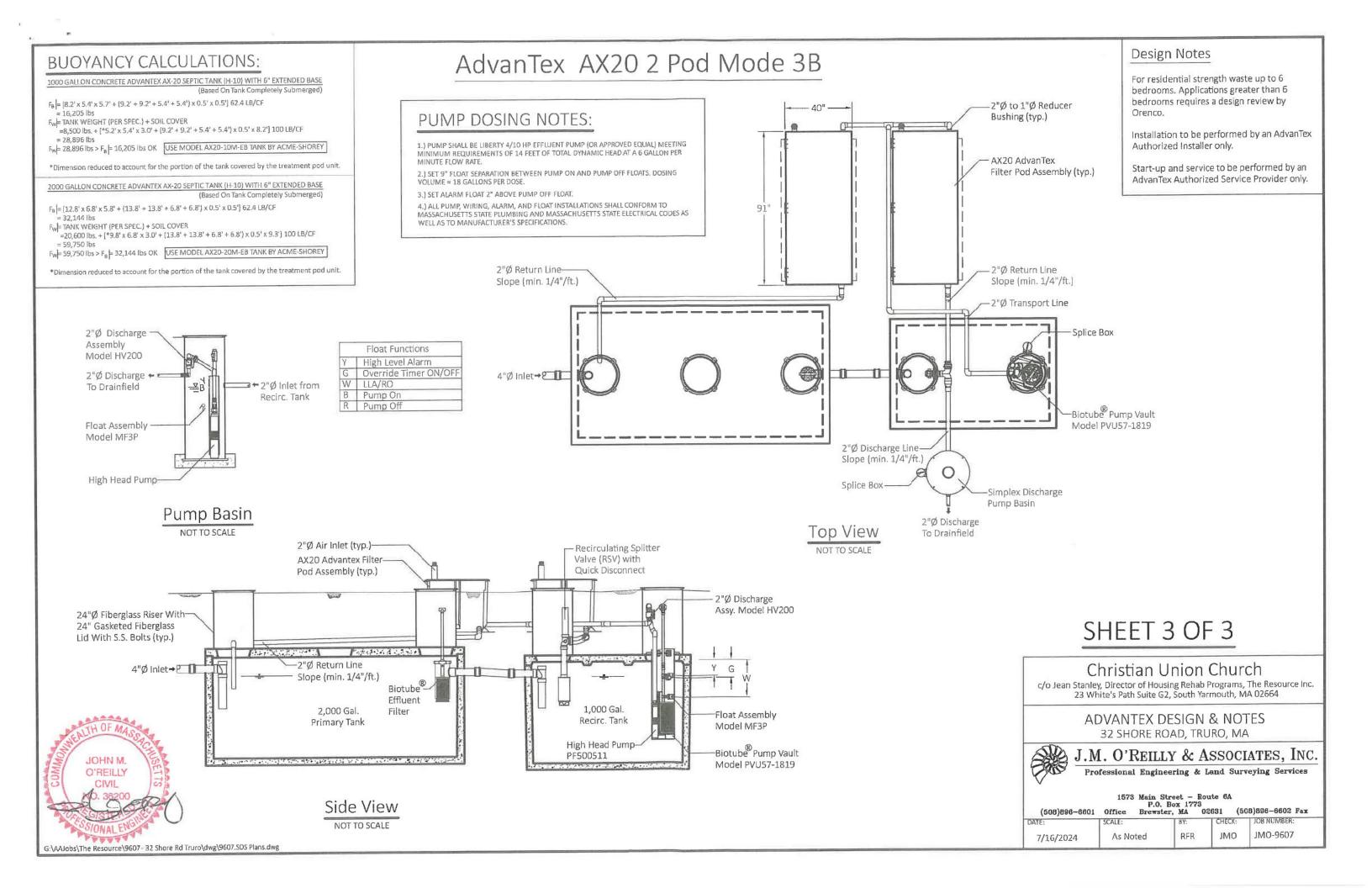
1573 Main Street - Route 6A P.O. Box 1773

02631 (508)896-6602 Fax (508)896-6601 Office Brewster, MA JMO-9607 As Noted OML 7/16/2024



PERFORATED PVC

VENT LINE



HEALTH DEPARTMENT TOWN OF TRURO



TOWN OF TRURO

Health Department

P.O. Box 2030, Truro, MA 02666 PH: 508-349-7004, Ext. 131 Fax: 508-349-5508

Email: ebeebe@truro-ma.gov; adavis@truro-ma.gov; lbudnick@truro-

ma.gov

PAORATES	This application is used for a	Change of Manager, Add Co	
Section 1 - Business Info	rmation	B THE RESERVE	
Date: <u>July 22, 2024</u>	- Caucas	-1	
Print Name of Applicant: Re Business Name or DBA to be	BERTA SCHNAD	REACH WILLAGE	Number of Units: /9
Business Name or DBA to be	managed: /// Git	UZA DOZA : 5 II	Pucan Reschevulas
Street Address of Business: /			
Mailing Address of Business:	(Check if New Address	P.O. BOX 83, NO. 7	RURO, MA DALSA
Section 2 - Manager Infor	mation		
Name of Previous Manager:	PAUL FOLEY	On-Site M	Manager Unit #: /6
Name of New Onsite Manager			
Name of Property Managemen			
Mailing Address of New Mana	ger and/or Property Manage	ment Company: Po Box	166 NO.TRUZOMA. OR
P.O BOX 83 No. TRUKO,			mail
Name of Co-Managers:		1.00	(office)
Todd Sovza	Unit #	Phone (24hrs/day)	
PO Box 83	^		
N. TIUTO, MA 02	652 Unit#	Phone (24hrs/day):	
I have read & understand the l Manager, Co-Managers or Co	Board of Health Manager Re ntact Person for Property Ma	gulation, Section III, Article anagement is required.	e 4. Signature of New
Poberta Schnaliel	ROBERTA SCHNABE	L July	22,2024
SIGNATURE	PRINT NAME	DATE	
SIGNATURE	PRINT NAME	DATE	
SIGNATURE	PRINT NAME	DATE	
Section 3 - **Office Use Only*	* College of the		50)
	Scheduled Date	Fee Paid \$45.00	
Board of Health Hearing		\$75.00	

Arozana Davis

From: Sent: To:	Rich Small < President Community of the Small State
Cc: Subject:	Courtney Warren; Emily Beebe; Re: Change of Manager: Pilgrim Beach Village
	nor change or manager ring. In peach things
RE: Pilgrim Beach Manager cl	nange
Hello All,	
	manager Paul Foley left his position in late June, 2024 and we hired back Schnabel. Roberta came back out of retirement to bail us out and not the season.
the Sand Dunes in Truro so he	d found a great replacement manager Todd Sousa who currently manages has plenty of experience. He will be coming on board sometime in late ork with him to set up getting the site inspection team to come out and we
	o Town Hall to add his name and info to the change of manager form and have him attend the Board of Health meeting on 8/6/24 @ 4:30.
Any questions at all please fe	el free to call me on
Thank you.	
Pat Small	
On Wed, Jul 24, 2024 at 6:01 F Thanx I'll give Lynn a call tom	0.50 C 0.00 No. 0.00
On Wed, Jul 24, 2024 at 2:37	PM Arozana Davis < <u>ADavis@truro-ma.gov</u> > wrote:
Pat,	
I've cc'd Lynne in on this email the \$120 payment for the Chan	; the credit card machine is right next to her. I will let you two communicate abou ige of Manager.
Be well!	
Arozana	