



Truro Board of Health

Tuesday April 1, 2025 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 ebecbe@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

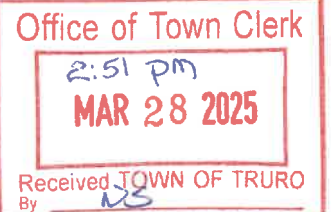
1. **Change of Manager:** Sunset Bluff, 1 Knowles Heights Road – Melissa Schmidt
2. **Variance Request:** 24 Great Hills Road, Polly Waldman
3. **Discussion:** 95 Shore Rd, Cape Truro Cottages

III. MINUTES

IV. REPORTS

Report of the Chair

Health Agent's Report:





TOWN OF TRURO

Health Department

P.O. Box 2030, Truro, MA 02666

PH: 508-349-7004, Ext. 131 Fax: 508-349-5508

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

HEALTH DEPARTMENT
TOWN OF TRURO

JAN 02 2025

RECEIVED BY:

APPLICATION TO NAME A MANAGER

This application is used for a Change of Manager, Add Co-Managers or to Name a

Section 1 – Business Information

Date: 12/28/24

Print Name of Applicant: Melissa Schmidt

Business Name or DBA to be managed: JMS LLC / Sunset Bluff Cottages Number of Units: 5

Street Address of Business: 1 Knowles Heights Road Business Email: [REDACTED]

Mailing Address of Business: (☐ Check if New Address) P.O. Box 744 North Truro MA 02652

Section 2 – Manager Information

Name of Previous Manager: Richard & Gloria Burhoe On-Site Manager Unit #: [REDACTED]

Name of New Onsite Manager: Melissa Schmidt (not on-site) On-Site Manager Unit #: [REDACTED]

Name of Property Management (10 Units or less): Delmar Vacation Rentals

Mailing Address of New Manager and/or Property Management Company: 24 S. Orleans Road
Orleans, MA 02653 Phone (24 hours/day): 508-247-0395 Email: [REDACTED]

Name of Co-Managers:

Unit # _____ Phone (24hrs/day): _____

Unit # _____ Phone (24hrs/day): _____

Unit # _____ Phone (24hrs/day): _____

I have read & understand the Board of Health Manager Regulation, Section III, Article 4. Signature of New Manager, Co-Managers or Contact Person for Property Management is required.

M. J. Schmidt
SIGNATURE

Melissa Schmidt
PRINT NAME

12/28/24
DATE

SIGNATURE

PRINT NAME

DATE

SIGNATURE

PRINT NAME

DATE

Section 3 - **Office Use Only**

Team Inspection
(If over 3yrs since last one)

Scheduled ☒ Date 3/4/25

Fee
\$45.00

Paid

☒ PAID 1160
☒ PAID 1162

Board of Health Hearing

☒ 4/1/25

\$75.00

Lynne Budnick

From: Courtney Warren
Sent: Wednesday, March 5, 2025 9:09 AM
To: MELISSA SCHMIDT
Cc: Lynne Budnick
Subject: Team Inspection Report - Sunset Bluff

Hi Melissa,

Thanks for meeting us yesterday. Here are my notes. You can send pictures of the things that Scott asked for and let us know when the screens are all back in.

I hear Lynne has already scheduled your Board of Health meeting. I will send you an agenda and a meeting link prior to the meeting.

Let us know if you have questions.

Thanks.
Courtney

Team Inspection Report

March 4, 2025

Sunset Bluff – 1 Knowles Heights Rd

Health Department –

- All five units are laid out similarly with a large living/dining/kitchen area, two bedrooms, and bathroom.
- Units have hot water*, surfaces appear easily cleanable and have wall heating/cooling units (mini-splits). Doors swing shut and lock. Sliding doors lock. Windows lock Units appear to be well maintained. *Unit 4 water was off to fix a leak.

Notes per individual units:

- 1: Nothing additional
- 2: Screen door will be installed before the season
- 3: Screen door will be installed before the season; one window in the bedroom also needs a screen
- 4: One bedroom screen needs to be installed and another bedroom window screen needs to be patched. Window in living room also needs a screen.
- 5: Nothing additional

Building/Plumbing:

Recommend shutting off all propane tanks.

Unit 3 – Three unused sanitary waste drains in basement need to be capped.

Unit 5 – Remove hanging plastic from insulation in basement

Courtney Warren, REHS/RS

Asst. Health & Conservation Agent | Town of Truro

24 Town Hall Rd, Truro, MA 02666

Direct phone: 774-383-3393 | cwarren@truro-ma.gov



HEALTH DEPARTMENT
TOWN OF TRURO

TRURO FIRE RESCUE
Truro Public Safety Facility
344 Route 6 Truro, MA 02666

MAR 18 2025

RECEIVED BY

FIRE PROTECTION SYSTEMS
ANNUAL TEST REPORT

BUSINESS NAME: JMS LLC / Sunset Bluff Cottages
OWNER/MANAGER: Melissa Schmidt / JMS LLC
ADDRESS: 1 Knowles Heights Road, North Truro
PHONE #: 508-274-4108 NUMBER OF UNITS: 5
CONTACT PERSON: Melissa Schmidt
ADDRESS: P.O. Box 744 North Truro MA 02652

TESTING COMPANY: Ricard Electric Inc
TESTING ELECTRICIAN/TECHNICIAN: Shawn Ricard
COMPANY PHONE #: [REDACTED] HOME PHONE #: 0
LICENSE #: E40451

The fire protection system (s) including, but not limited to, (Sprinkler Systems) (Range Hood Systems) (Fire Extinguishers) (Type I II III Fire Alarm Systems) (C.O. Detectors) at the above mentioned business address, were tested, (CERTIFIED) the add parts of the systems, were found to be, or corrected to be, fully operational.

COMMENTS: _____

DATE OF CERTIFICATION: 3/17/25 BY: Shawn Ricard
Signature of Licensed Electrician

THIS REPORT MUST BE FILLED OUT AND SUBMITTED, PRIOR TO THE ISSUANCE OF,
OR RENEWAL OF A LICENSE TO OPERATE WITHIN THE TOWN OF TRURO.

Fee: \$75.00



TRURO HEALTH &
CONSERVATION DEPARTMENT
24 Town Hall Road, Truro 02666

APPLICATION FOR BOARD OF HEALTH VARIANCES

Date: 3/11/2025

Property Owner's Name: Polly Waldman

Mailing Address: P.O. Box 1285, Truro, MA 02666

Address of Property: 24 Great Hills Road

Map and Parcel Number: Map # 49 Parcel # 25

Design Engineer/Sanitarian John M. O'Reilly P.E., PLS

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 310 CMR 15.211 Setbacks

Refer to Cover Letter to identification of the four (4) variances being requested.

☐ Board of Health Variance Request: Section/Article Local setbacks

Signature (Representative)

3-11-2025

Date

Signature (Property Owner)

HEALTH DEPARTMENT
TOWN OF TRURO

MAR 13 2025

RECEIVED BY



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

PROFESSIONAL ENGINEERING, LAND SURVEYING & ENVIRONMENTAL SERVICES

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

March 11, 2025

JMO # 9504

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

RE: **Board of Health Variance Request**
24 Great Hills Road, Truro, MA
Map: 49 / Parcel: 25

Dear Board Members,

On behalf of our client, Polly Waldman, 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 seasonal four bedroom cottage is currently served by a cesspool.

The project proposes to replace two cesspools with a Title 5 sewage system with I/A treatment system of the Advantex – AX20. The proposed sewage system will serve the four bedroom dwelling which sits on approximately 26,136 sf parcel which is adjacent to a Salt Marsh and Coastal Bank. The project does not involve any alteration or expansion of the four bedroom cottage.

Due to the location of the wetland resources of the parcel and the size of the parcel, the following four (4) setback Variances are being requested from Massachusetts 310 CMR 15.000 (Title 5) and Truro Board of Health Regulations:

VARIANCES: 310 CMR 15.211 (Minimum Setback Distances)

1. Soil Absorption System (SAS) is not 10 feet to property line
5 feet provided; 5 foot variance requested
2. SAS is not 150 feet from Wetland (Coastal Bank/Salt Marsh);
51 feet provided to Bank, 99 foot variance requested
88 feet provided to salt marsh, 62 foot variance requested

3. SAS is not 100 feet from existing locus well;
54 feet provided, 46 foot variance requested
4. Septic tank not 100 feet from Wetland;
28 feet provided to Bank, 72 foot variance requested
60 feet provided to Salt marsh, 40 foot variance requested

A representative from our office will be present at the April 1, 2025 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.

A handwritten signature in black ink, appearing to read 'J.M. O'Reilly', with a stylized flourish at the end.

John M. O'Reilly, P.E., P.L.S.
Principal

Cc: Client
John M. O'Reilly, PE, PLS

Encl: Variance Application Package



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: 24 Great Hills Road, Truro, MA
Board of Health Variance Request

DATE: March 11, 2025

On behalf of our client, Polly Waldman 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 replacement of two cesspools with a new Title 5 sewage system to serve the existing dwelling at the above referenced property. The following variances are being requested:

VARIANCES: 310 CMR 15.211 (Minimum Setback Distances)

1. Soil Absorption System (SAS) is not 10 feet to property line
5 feet provided; 5 foot variance requested
2. SAS is not 150 feet from Wetland (Coastal Bank/Salt Marsh);
51 feet provided to Bank, 99 foot variance requested
88 feet provided to salt marsh, 62 foot variance requested
3. SAS is not 100 feet from existing locus well;
54 feet provided, 46 foot variance requested
4. Septic tank not 100 feet from Wetland;
28 feet provided to Bank, 72 foot variance requested
60 feet provided to Salt marsh, 40 foot variance requested

The project does NOT include any expansion or modifications to the existing four bedroom dwelling.

A meeting has been scheduled with the Board of Health at Truro Town Hall on April 1, 2025 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.



TRURO ASSESSORS OFFICE

PO Box 2012 Truro, MA 02666

Telephone: (508) 214-0921

Fax: (508) 349-5506

Date: February 20, 2025

To: JM O'Reilly & Associates, Inc., Agent for Polly Waldman

From: Assessors Department

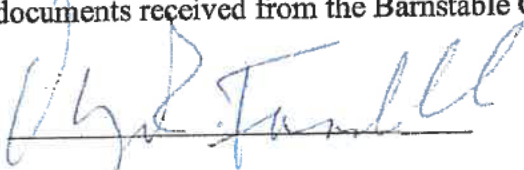
Certified Abutters List: 24 Great Hills Road (Map 49, Parcel 25)

Board of Health

Attached is a combined list of abutters for 24 Great Hills Road.

The current owner is Polly B. Waldman.

The names and addresses of the abutters are as of February 14, 2025 according to the most recent documents received from the Barnstable County Registry of Deeds.

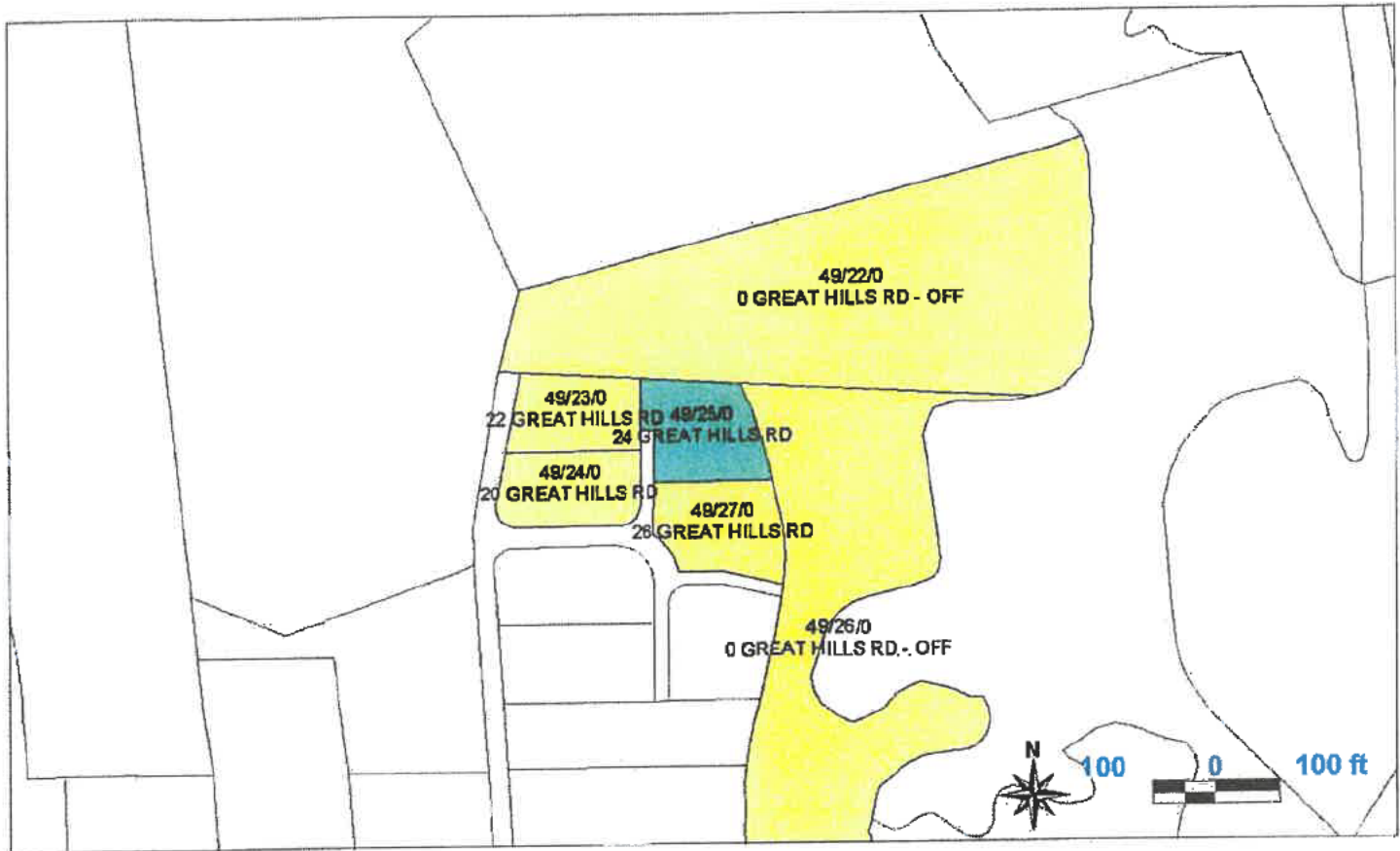
Certified by: 

Olga Farrell
Assessing Clerk

24 Great Hills Road
Map 49, Parcel 25
Board of Health

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

Custom Abutters List



| Key | Parcel ID | Owner | Location | Mailing Street | Mailing City | ST | ZipCd/Country |
|------|-----------|--|------------------------|-----------------------------|--------------|----|---------------|
| 2772 | 49-22-0-E | TRURO CONSERVATION TRUST TRS: BETSEY BROWN ET AL | 0 GREAT HILLS RD - OFF | PO BOX 327 | NO TRURO | MA | 02652-0327 |
| 2773 | 49-23-0-R | MORIARTY JASON & PAMELA | 22 GREAT HILLS RD | 98 MAIN ST | ELLINGTON | CT | 06029 |
| 2774 | 49-24-0-R | DONAHUE FAMILY REVOC TRUST TRS: JOHN & KIMBERLY DONAHUE | 20 GREAT HILLS RD | 7735 EAST BLACK MOUNTAIN RD | SCOTTSDALE | AZ | 85266 |
| 2776 | 49-26-0-E | TRURO CONSERVATION TRUST TRS: BETSEY BROWN ET AL | 0 GREAT HILLS RD - OFF | PO BOX 327 | NO TRURO | MA | 02652-0327 |
| 2777 | 49-27-0-R | TETA PAUL A & DIANE L | 26 GREAT HILLS RD | 44 WENDOVER ROAD | LONGMEADOW | MA | 01106 |

Handwritten signature: R. Zakarias

49-22-0-E

TRURO CONSERVATION TRUST
TRS: BETSEY BROWN ET AL
PO BOX 327
NO TRURO, MA 02652-0327

49-23-0-R

MORIARTY JASON & PAMELA
98 MAIN ST
ELLINGTON, CT 06029

49-24-0-R

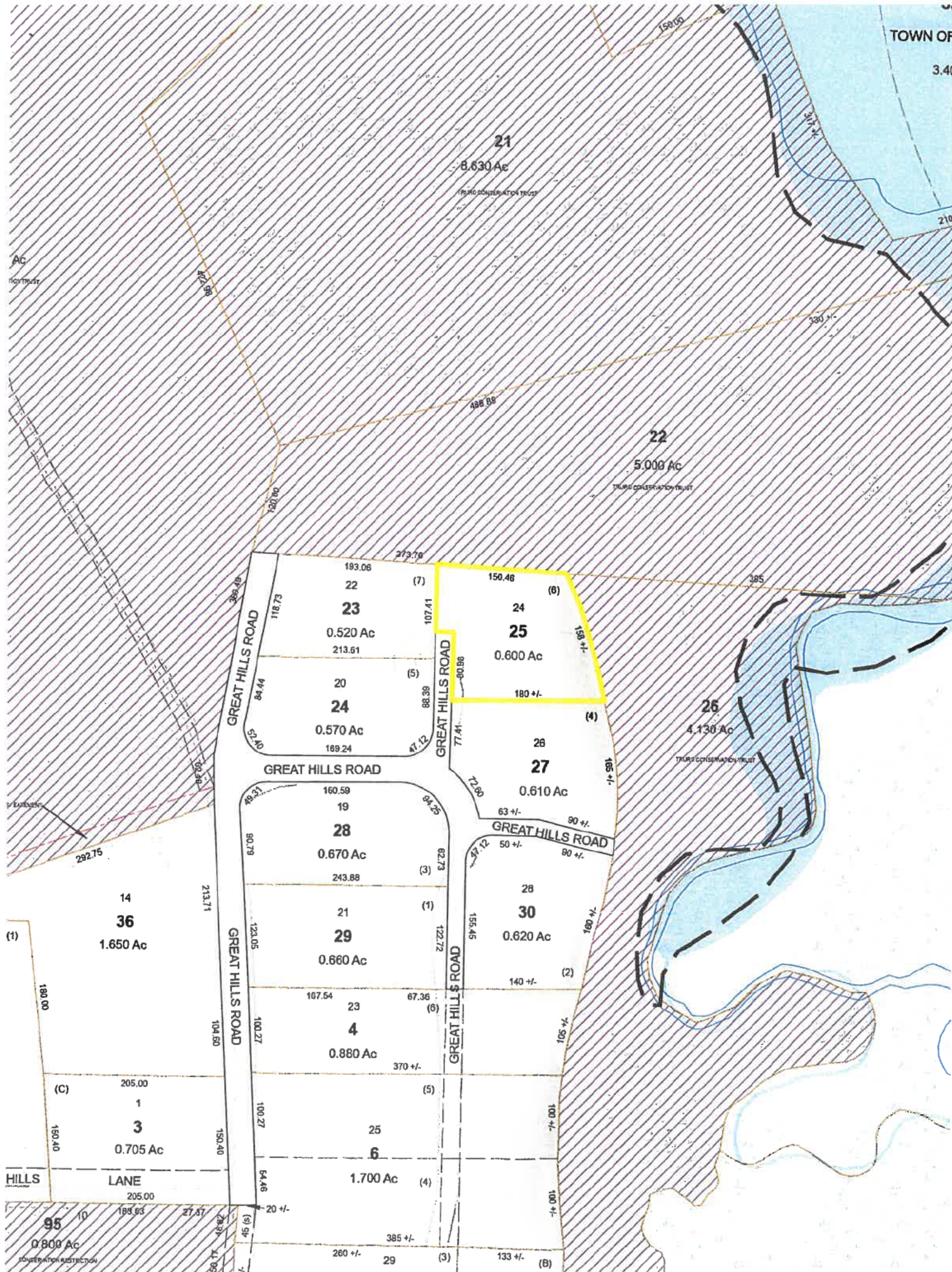
DONAHUE FAMILY REVOC TRUST
TRS: JOHN & KIMBERLY DONAHUE
7735 EAST BLACK MOUNTAIN RD
SCOTTSDALE, AZ 85266

49-26-0-E

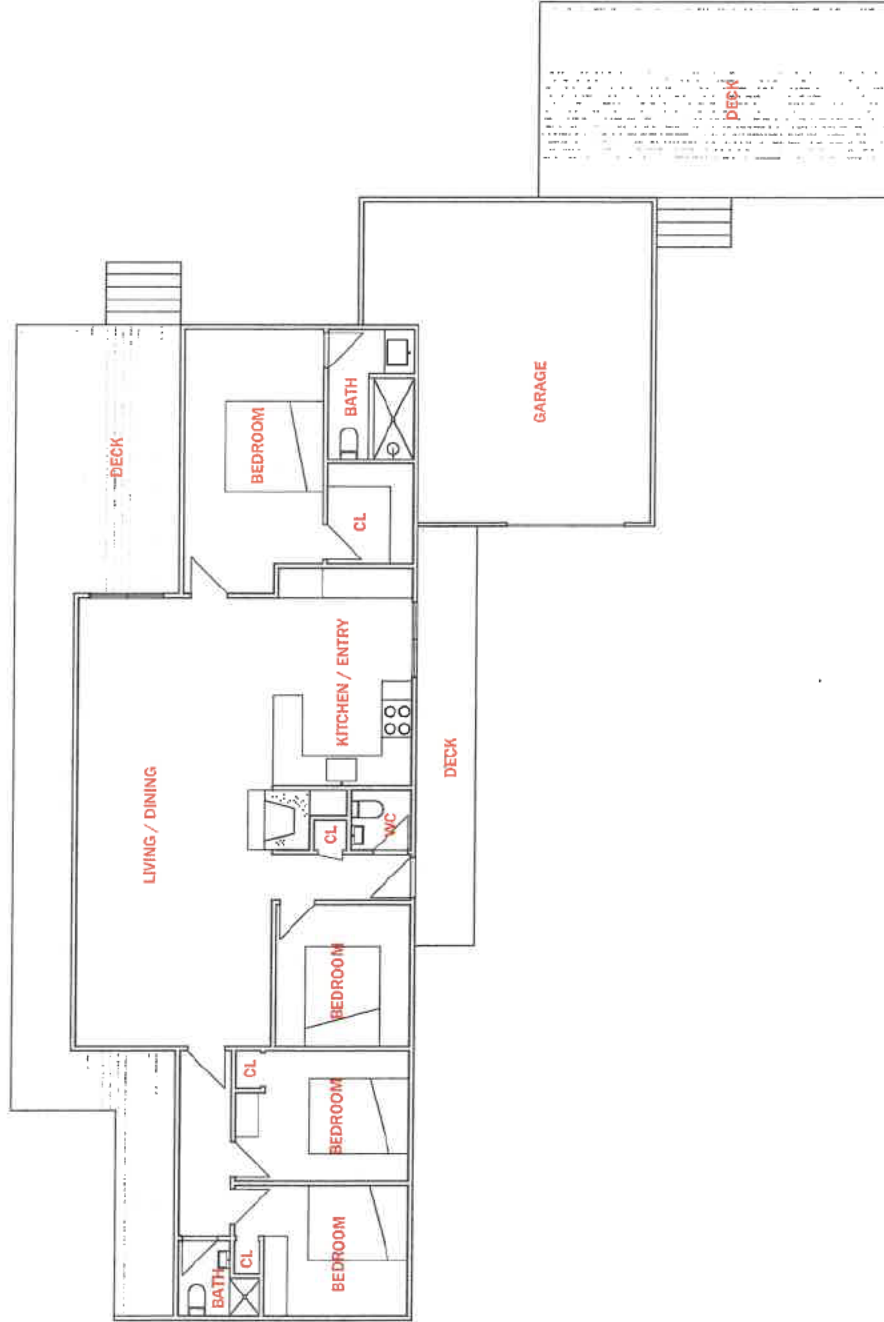
TRURO CONSERVATION TRUST
TRS: BETSEY BROWN ET AL
PO BOX 327
NO TRURO, MA 02652-0327

49-27-0-R

TETA PAUL A & DIANE L
44 WENDOVER ROAD
LONGMEADOW, MA 01106



FLOOR PLAN

$$1_{\frac{1}{2}}'' = 1'-0''$$


9589 0710 5270 1846 6696 32

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☐ Adult Signature Restricted Delivery \$

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TRURO CONSERVATION TRUST
TRS: BETSEY BROWN ET AL
PO BOX 327
NO TRURO, MA 02652-0327

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

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☐ Adult Signature Restricted Delivery \$

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DONAHUE FAMILY REVOC TRUST
TRS: JOHN & KIMBERLY DONAHUE
7735 EAST BLACK MOUNTAIN RD
SCOTTSDALE, AZ 85266

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

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WALDMAN POLLY B
804 N HOOSAC RD
WILLIAMSTOWN, MA 01267

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

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TETA PAULA & DIANE L
44 WENDOVER ROAD
LONGMEADOW, MA 01108

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

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☐ Certified Mail Restricted Delivery
☐ Adult Signature Required
☐ Adult Signature Restricted Delivery \$

Postage \$49.23-0-R

Postmark Here

MORIARTY JASON & PAMELA
98 MAIN ST
ELLINGTON, CT 06029

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

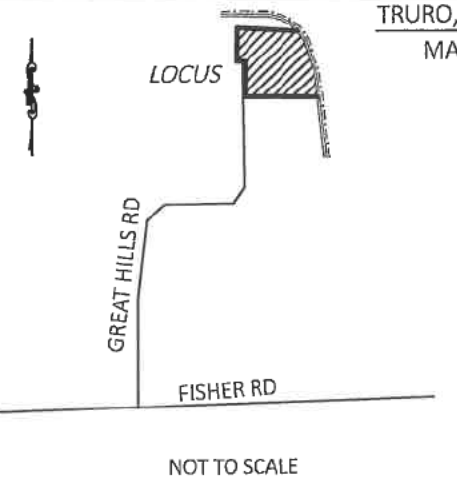
JOHN M. O'REILLY
CIVIL
NO. 36200
REGISTERED PROFESSIONAL ENGINEER

JOHN M. O'REILLY
NO. 46733
REGISTERED PROFESSIONAL LAND SURVEYOR

VARIANCES REQUESTED

STATE AND LOCAL:
MA STATE SANITARY CODE AND THE TOWN OF TRURO BOARD OF HEALTH
SEWAGE DISPOSAL REGULATIONS:

- 310 CMR 15.211 MIN. SETBACK DISTANCES:
- 1.) SAS NOT 10 FEET TO PROPERTY LINE:
5 FEET PROVIDED; 5 FOOT VARIANCE REQUESTED
 - 2.) SAS NOT 150 FEET FROM WETLAND: (COASTAL BANK / SALT MARSH)
51 FEET PROVIDED TO BANK, 99 FOOT VARIANCE REQUESTED
88 FEET PROVIDED TO SALT MARSH; 62 FOOT VARIANCE REQUESTED
 - 3.) SAS IS NOT 100 FEET FROM EXISTING LOCUS WELL:
54 FEET PROVIDED; 46 FOOT VARIANCE REQUESTED
 - 4.) SEPTIC TANK NOT 100 FEET FROM WETLAND:
28 FEET PROVIDED TO BANK; 72 FOOT VARIANCE REQUESTED
60 FEET PROVIDED TO SALT MARSH; 40 FOOT VARIANCE REQUESTED



PLAN BOOK 117
DEED BOOK 3845
ASSESSORS' MAP 49

PAGE 77
PAGE 172
PARCEL 25

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING SPOT GRADE
- PROPOSED SPOT GRADE
- WATER SERVICE LINE
- OVERHEAD UTILITY SERVICE
- ELECTRIC / COMM. SERVICE LINE
- GAS SERVICE LINE
- TEST HOLE / BORING LOCATION
- SEPTIC TANK
- DISTRIBUTION BOX
- SAS
- RESERVED FOR FUTURE
- UTILITY POLE
- CATCH BASIN
- FIRE HYDRANT
- WELL
- DRAINAGE MANHOLE
- CONCRETE BOUND, FOUND
- LIMIT OF WORK
- FENCE
- EDGE OF CLEARING

HEALTH DEPARTMENT
TOWN OF TRURO

MAR 13 2025

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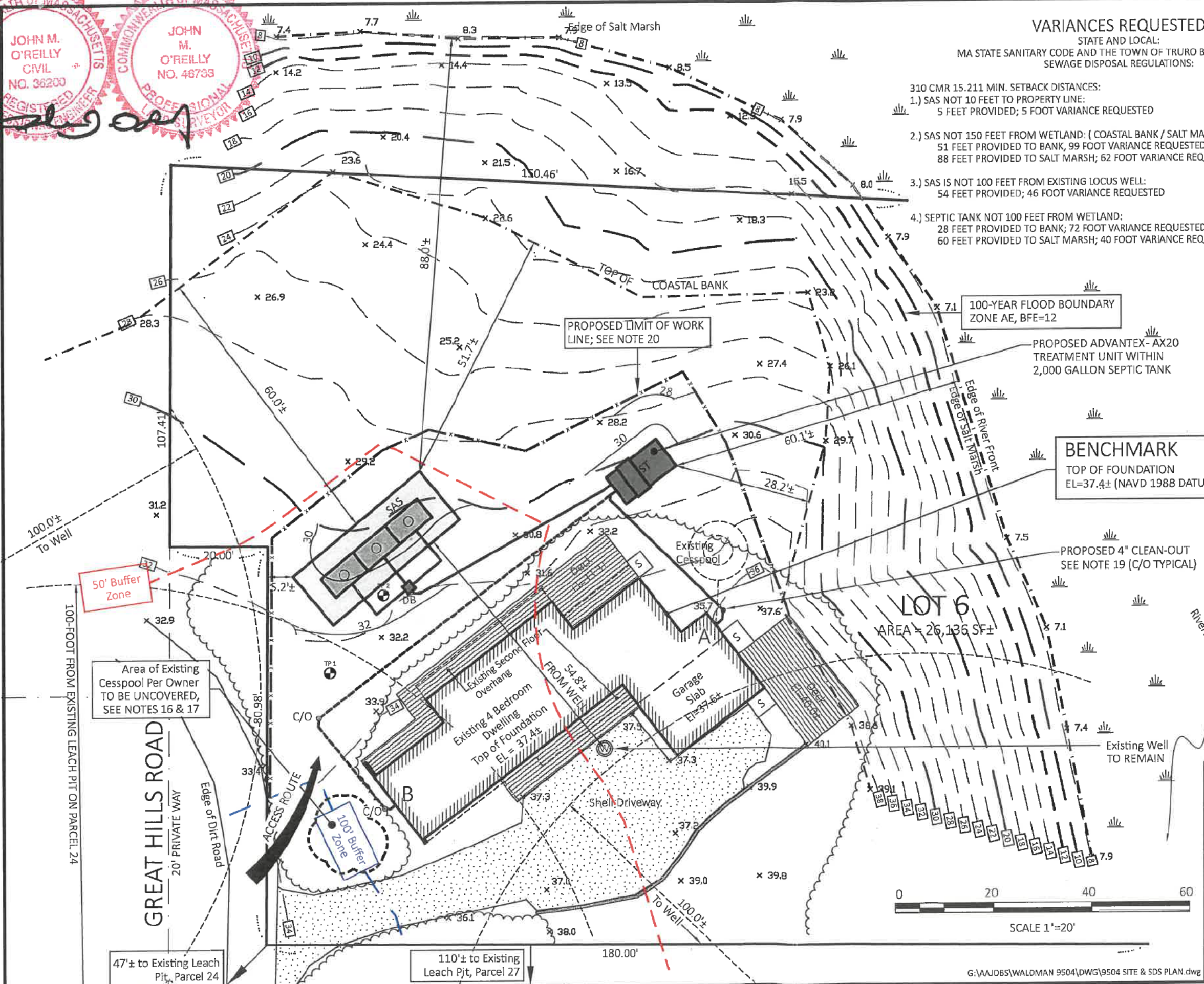
Polly Waldman
P.O. BOX 1285, TRURO, MA

SITE & SEWAGE DISPOSAL SYSTEM PLAN
24 GREAT HILLS ROAD, TRURO, MA

J.M. O'REILLY & ASSOCIATES, INC.
Professional Engineering & Land Surveying Services

1573 Main Street - Route 6A
P.O. Box 1773
Brewster, MA 02631 (508)896-8801 Office (508)896-8802 Fax

DATE: 2-19-2025 SCALE: As Noted BY: jmo CHECK: JMO JOB NUMBER: JMO-9504



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.

- 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(S) 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 AND DISTRIBUTION BOX 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.) DISTRIBUTION LINES FOR SOIL ABSORPTION SYSTEM (AS REQUIRED) SHALL BE 4" DIAMETER SCHEDULE 40 PVC LAID AT 0.005 FT/FT. LINE SHALL BE CAPPED AT END OR AS NOTED.
- 8.) OUTLET PIPES FROM DISTRIBUTION BOX SHALL REMAIN LEVEL FOR AT LEAST 2' BEFORE PITCHING TO SOIL ABSORPTION SYSTEM. WATER TEST DISTRIBUTION BOX TO ENSURE EVEN DISTRIBUTION.
- 9.) DISTRIBUTION BOX SHALL HAVE A MINIMUM SUMP OF 6" MEASURED BELOW THE OUTLET INVERT.
- 10.) 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.
- 11.) 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.
- 12.) SOIL ABSORPTION SYSTEM SHALL BE COVERED WITH A MINIMUM OF 9" OF CLEAN MEDIUM SAND (EXCLUDING TOPSOIL).
- 13.) FINISH GRADE SHALL BE A MAXIMUM OF 36" OVER THE TOP OF ALL SYSTEM COMPONENTS, INCLUDING THE SEPTIC TANK, DISTRIBUTION BOX, DOSING CHAMBER AND SOIL ABSORPTION SYSTEM. SEPTIC TANKS SHALL HAVE A MINIMUM COVER OF 5'.
- 14.) 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.

- 15.) SUBSURFACE COMPONENTS OF A SYSTEM SHALL NOT BE BACKFILLED OR OTHERWISE CONCEALED FROM VIEW UNTIL A FINAL INSPECTION HAS BEEN CONDUCTED BY THE APPROVING AUTHORITY AND PERMISSION HAS BEEN GRANTED BY THE APPROVING AUTHORITY TO BACKFILL THE SYSTEM. THE DESIGNER SHALL INSPECT THE CONSTRUCTION AFTER THE INITIAL EXCAVATION, PRIOR TO BACKFILLING, AND DURING BACKFILLING. IN ADDITION, THE FINAL INSPECTION OF THE SYSTEM SHALL BE CONDUCTED BY THE APPROVING AUTHORITY, THE SYSTEM INSTALLER AND DESIGNER PRIOR TO THE ISSUANCE OF A CERTIFICATE OF COMPLIANCE PURSUANT TO 310 CMR 15.021(3). ANY COMPONENT OF THE SYSTEM WHICH HAS BEEN COVERED WITHOUT SUCH PERMISSION SHALL BE UNCOVERED UPON REQUEST OF THE APPROVING AUTHORITY OR THE DEPARTMENT.
- 16.) INSTALLER SHALL VERIFY INVERT ELEVATIONS PRIOR TO INSTALLATION OF ANY SEPTIC SYSTEM COMPONENTS.
- 17.) EXISTING CESSPOOLS TO BE UNCOVERED, PUMPED DRY, FILLED AND REMOVED. AREA TO BACKFILLED WITH CLEAN FILL, COMPACTED TO MINIMIZE SETTLEMENT.
- 18.) INSTALLER TO CONFIRM LOCATION OF ALL UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO START OF CONSTRUCTION.
- 19.) ALL 4" PVC CLEANOUTS SHALL BE WITHIN 3" OF FINISH GRADE. CLEANOUTS SHALL BE MARKED WITH A PIECE OF #5 REBAR FOR FUTURE LOCATION.
- 20.) LIMIT OF WORK LINE: THE LIMIT OF WORK SHALL BE AS SHOWN ON PLAN VIEW, SHEET 1 OF 3. THE LIMIT OF WORK LINE SHALL CONSIST OF A 9-INCH DIA. STRAW WATTLE. THE WATTLES SHALL BE STAKED IN PLACE AND INSTALLED PRIOR TO ANY SITE DISTURBANCE.
- 21.) THE DISTURBED AREAS SHALL BE PLANTED WITH AMERICAN BEACH GRASS, PLANTED IN A 12" X 12" MATRIX. AREA IS TO BE ALLOWED TO NATURALIZE.

SEWAGE DESIGN FLOW:
4 BEDROOM DWELLING @ 110 GPD = 440 GPD
LEACHING CAPACITY REQUIRED:
4 BEDROOMS (MAX.) @ 110 GPD = 440 GPD REQUIRED
SEPTIC TANK CAPACITY REQUIRED:
DAILY FLOW = 440 GPD @ 200% = 880 GAL. REQUIRED
SEPTIC TANK CAPACITY PROVIDED:
1500 GALLON SEPTIC TANK (MIN. ALLOWED)
LEACHING CAPACITY PROVIDED:
ONE (1) 33.5" X 12.83" X 2.0' LEACHING CHAMBER CAN LEACH:
$$Vt = [(33.5 \times 12.83) + (33.5 \times 2.0) + (12.83 \times 2.0)] \times 0.74 \text{ GPD/SF} = 455.10 \text{ GPD}$$

455 GPD > 440 GPD REQUIRED

INSTALL:
ONE (1)- 2,000 GALLON SEPTIC TANK, 2-COMPARTMENT TANK ADVANTEK TREATMENT AX20 SYSTEM
ONE (1)- 3 OUTLET DISTRIBUTION BOX (H-20 RATED)
THREE (3)- 500 GALLON LEACH CHAMBERS WITH 4" OF STONE ALL AROUND

NOT TO SCALE

Stone

Chambers

D-Box

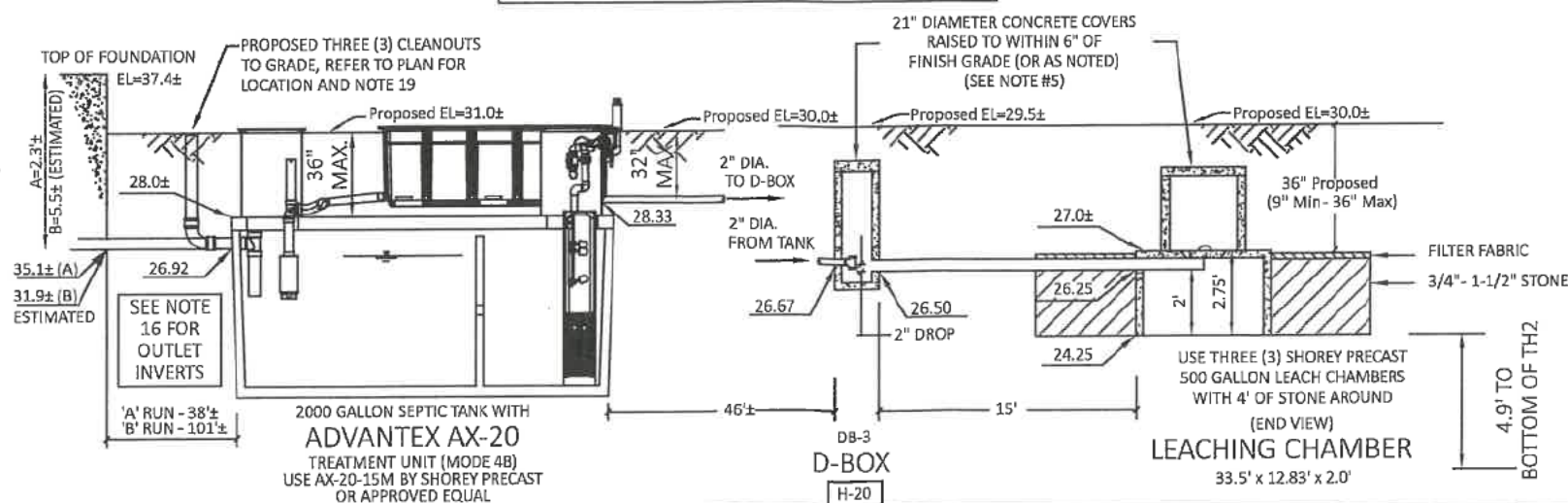
WITHIN 6-INCHES OF FINISH GRADE

Dimensions (Horizontal): 4', 8.5', 8.5', 8.5', 4', 33.5'

Dimensions (Vertical): 4', 4.83', 4', 12.83'

NOT TO SCALE

PRIOR TO FINAL INSPECTION BY THE ENGINEER, SYSTEM NEEDS TO BE COMPLETE INCLUDING BUILDUP FOR COVERS.



TEST HOLE 1: EL=32.8±

| DEPTH FROM SURFACE (INCHES) | SOIL HORIZON | SOIL TEXTURE (USDA) | SOIL COLOR (MUNSELL) | SOIL MOISTURE | OTHER |
|-----------------------------|--------------|---------------------|----------------------|---------------|------------|
| 0-18 | A | LOAMY FINE SAND | 10YR 2/2 | NONE | |
| 18-38 | B | LOAMY FINE SAND | 10YR 5/6 | NONE | |
| 38-135 | C1 | MEDIUM COARSE SAND | 10YR 7/6 | NONE | PERC @ 58" |
| | | | | | |
| | | | | | |

TEST HOLE 2: EL=31.7±

| DEPTH FROM SURFACE (INCHES) | SOIL HORIZON | SOIL TEXTURE (USDA) | SOIL COLOR (MUNSELL) | SOIL MOTTLING | OTHER |
|-----------------------------|--------------|---------------------|----------------------|---------------|-------|
| 0-10 | A | LOAMY FINE SAND | 10YR 2/2 | NONE | |
| 10-34 | B | LOAMY FINE SAND | 10YR 5/6 | NONE | |
| 34-149 | C1 | MEDIUM COARSE SAND | 10YR 7/6 | NONE | |
| | | | | | |
| | | | | | |

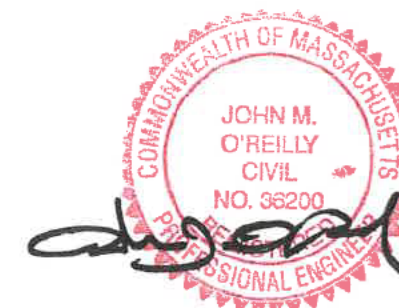
DATE OF TESTING: 11/15/2023

PERCOLATION RATE: LESS THAN 2 MIN/INCH IN "C" LAYERS.

WITNESSED BY: MATT FARRELL, EIT, J.M. O'REILLY & ASSOCIATES, INC.
ARZANA DAVIS, AGENT, TRURO HEALTH DEPARTMENT

NO WATER ENCOUNTERED

USE A LOADING RATE OF 0.74 GPD/SF FOR SIZING OF SOIL ABSORPTION SYSTEM.



SHEET 2 OF 3

Polly Waldman

P.O. BOX 1285, TRURO, MA

DETAILS, PROFILES & NOTES
24 GREAT HILLS ROAD, TRURO, MA



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

Professional Engineering & Land Surveying Services

1573 Main Street - Route 6A

P.O. Box 1773

(508)898-8801 Office Brewster, MA 02631 (508)898-8802 Fax

| | | | | |
|-----------|----------|-----|--------|-------------|
| DATE: | SCALE: | BY: | CHECK: | JOB NUMBER: |
| 2-19-2025 | As Noted | jmo | JMO | JMO-9504 |

AdvanTex AX20 Mode 4B

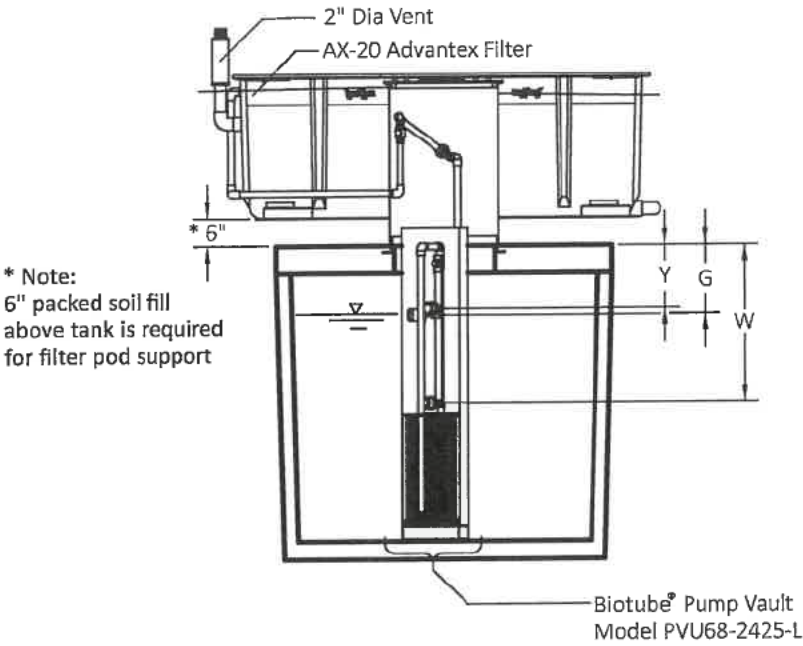
| Processing Tank Sizing | | |
|------------------------|---------------------|--|
| Bedrooms | Occupants (maximum) | 2-Compartment Processing Tank (min. gallons) |
| 3 or less | 6 | 1,500 |
| 4 | 8 | 2,000 |

Design Notes

For residential strength waste up to 4 bedrooms. Applications greater than 4 bedrooms requires a design review by Orenco.

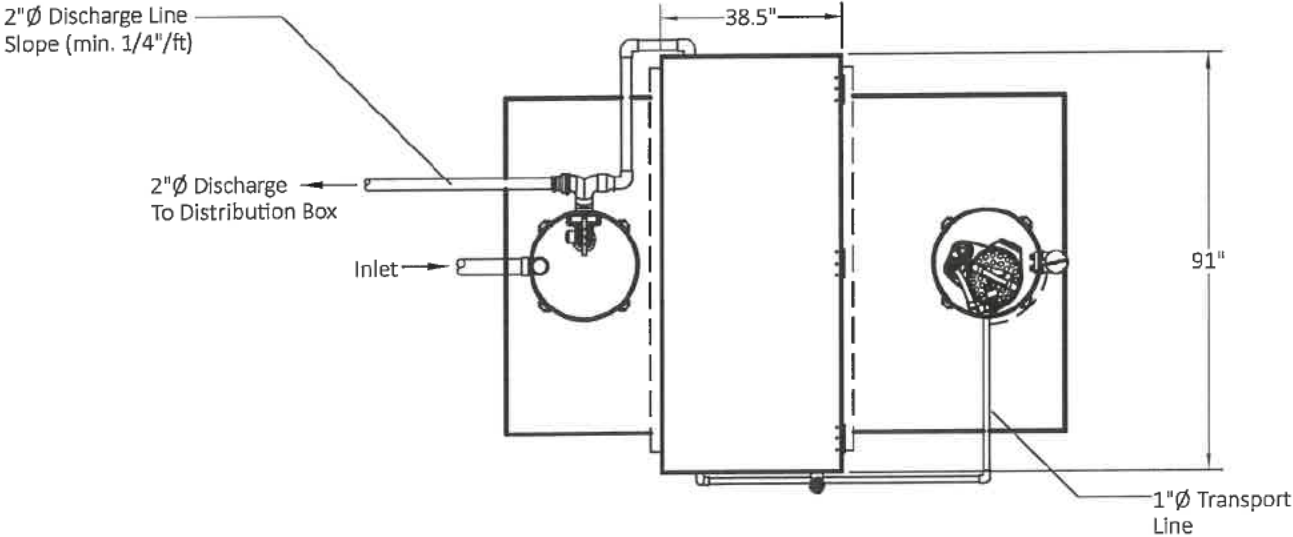
Installation to be performed by an AdvanTex Authorized Installer only.

Start-up and service to be performed by an AdvanTex Authorized Service Provider only.

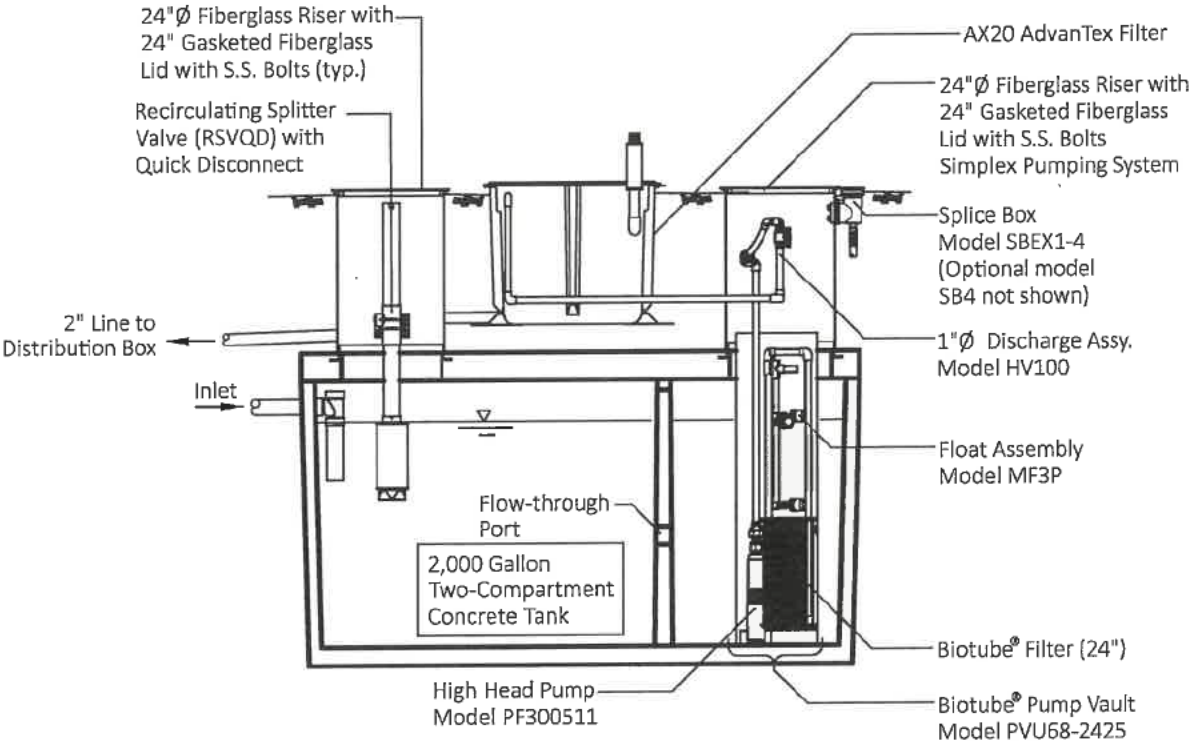


| Float Functions | |
|-----------------|-----------------------|
| Y | High Level Alarm |
| G | Override Timer ON/OFF |
| W | LLA/RO |
| B | Pump On |
| R | Pump Off |

End View
NOT TO SCALE



Top View
NOT TO SCALE




Side View
NOT TO SCALE

SHEET 3 OF 3



Polly Waldman
P.O. BOX 1285, TRURO, MA

ADVANTEX DETAILS & NOTES
24 GREAT HILLS ROAD, TRURO, MA

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|-----------|----------|-----|--------|-------------|
| DATE: | SCALE: | BY: | CHECK: | JOB NUMBER: |
| 2-19-2025 | As Noted | jmo | JMO | JMO-9504 |