



Truro Board of Health

Tuesday March 19, 2024 at 4:00 PM

AMENDED

Truro Board of Health Notice of Regular Meeting

Meeting will open at 4:00 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*

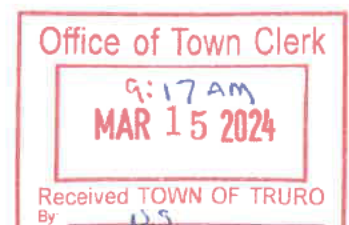
II. AGENDA ITEMS

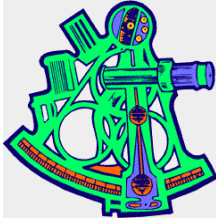
1. **Title 5/Local Variance Request:** 6 Second Landing Way *(Continued from March 5, 2024)*
2. **Waiver of Time Extension Request:** 45 Corn Hill Rd
3. **Water Resources Report**

III. MINUTES

IV. REPORTS

Report of the Chair
Health Agent's Report





JC ENGINEERING, Inc.

Civil & Environmental Engineering

2854 Cranberry Highway.

East Wareham, Massachusetts 02538

Ph. 508-273-0377

February 15, 2024

Town of Truro
Board of Health
24 Town Hall Road
Truro, MA 02666

RE: **Septic System Upgrade**
Request for Local Upgrade Approvals and Local Variance
6 Second Landing Way, Truro, Massachusetts

Dear Sirs and Madams:

Please find enclosed an executed *Application for Board of Health Variances* along with seven (7) design drawings entitled, "Proposed Septic System Upgrade" located at 6 Second Landing Way, Truro, MA, dated April 7, 2023 (revised 2-3-24) for your review and approval. Also, see attached copy of the public meeting notice sent to the abutters, a certified abutters list, and a filing fee check for \$75.

This project involves the upgrade of an existing failed septic system for an existing 3-bedroom single-family dwelling on a 33,766 s.f. property (upland area = 32,933 s.f.) located at 6 Second Landing Way. The dwelling is currently serviced by a single cesspool and potable water well. The cesspool is located north of the existing home and is approximately 56 feet away from the existing well. Both the cesspool and well are within 150 feet of a Coastal Bank (CB) but greater than 100 feet.

The proposed septic system involves the installation of a new 1,500-gallon septic tank; a 5-outlet distribution box; a soil absorption system (SAS) comprising three (3) 500-gallon H-20 concrete leaching chambers with surrounding crushed stone; a 4-in schedule 40 PVC vent; and a 40 mil. impervious geomembrane liner. All septic system components are located within the 150-ft buffer zone to the CB but greater than 100 feet. At its closest points, the proposed 1,500-gallon septic tank is 139.7 feet away from the CB and 54.0 feet from the well. At its closest point, the proposed SAS is 107.0 feet away from the CB and 100.7 feet (min.) from all nearby wells.

Due to the location of the CB and wells, the physical constraints of the property, and the existing land terrain, the following Local Upgrade Approvals (LUAs) and local variance are requested for this project.

In accordance with 310 CMR 15.401 - 15.405, the following Local Upgrade Approvals are requested from 310 CMR 15.221(7):

- 1.) A 2.5' waiver (3.0' - 5.5') for the max. cover over the H-20 D-Box.
- 2.) A 3.0' waiver (3.0' - 6.0') for the max. cover over the H-20 SAS.

The following local variance is required from the Truro Board of Health Regulations, Section VI, Article 9 (Required Setbacks for System Components):

- 1.) A 43.0' variance (150.0' - 107.0') for the setback from the proposed SAS to the Coastal Bank.

We feel that the proposed work will have no adverse impact to the CB. To ensure this, an erosion control barrier is proposed to be situated between the limit of work and the CB as shown on the attached plan. Moreover, we believe the new system will create an improvement to the property whereas the new SAS will provide a 107 feet separation to the existing well compared to the existing cesspool setback of 56 feet to the well.

Thank you for your assistance with this project.

Sincerely,

Michael Pimentel

Michael Pimentel, EIT, CSE
Senior Project Engineer

Fee: \$75.00



APPLICATION FOR BOARD OF HEALTH VARIANCES

Date: 2-9-24

Property Owner's Name: Susan Betti-DiMotta

Mailing Address: 87 Jefferson Street, Nyack, NY 10960

Address of Property: 6 Second Landing Way

Map and Parcel Number: Map # 45 Parcel # 43

Design Engineer/Sanitarian John L. Churchill Jr., PE, PLS

Firm/Company Name: JC Engineering, Inc. Phone #: 508-273-0377

Address: 2854 Cranberry Highway, East Wareham, MA 02538

Please check type of variance requested:

Title 5 Variance Request: Section _____ **In accordance with 310 CMR 15.401 - 15.405, the following Local Upgrade Approvals are requested from 310 CMR 15.221(7):**

- (1.) A 2.5' waiver (3.0' - 5.5') for the max. cover over the H-20 D-Box.
- (2.) A 3.0' waiver (3.0' - 6.0') for the max. cover over the H-20 SAS.

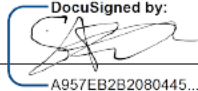
Board of Health Variance Request: Section/Article _____

The following local variance is required from the Truro Board of Health Regulations, Section VI, Article 9 (Req'd Setbacks for System Components):

(1.) A 43.0' variance (150.0' - 107.0') for the setback from the proposed SAS to the Coastal Bank.

Signature (Representative) _____

Date _____

DocuSigned by:

 A957EB2B2080445...

2/15/2024

Signature (Property Owner)

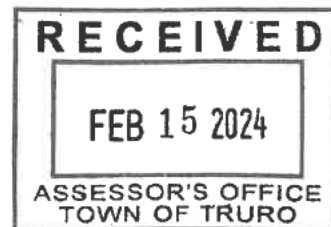


TOWN OF TRURO

Assessors Office

Certified Abutters List

Request Form



DATE: 2-9-24

NAME OF APPLICANT: Susan Betti-DiMotta

NAME OF AGENT (if any): Michael Pimentel (JC Engineering, Inc.)

MAILING ADDRESS: 87 Jefferson Street, Nyack, NY 10960

CONTACT: HOME/CELL 508-273-0377 EMAIL mpimentel@jceng.org

PROPERTY LOCATION: 6 Second Landing Way, Truro, MA
(street address)

PROPERTY IDENTIFICATION NUMBER: MAP 45 PARCEL 43 EXT. _____
(if condominium)

ABUTTERS LIST NEEDED FOR: **FEE: \$15.00 per checked item**
(please check **all** applicable) (Fee must accompany the application unless other arrangements are made)

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> Board of Health ⁵ | Planning Board (PB) | Zoning Board of Appeals (ZBA) |
| <input type="checkbox"/> Cape Cod Commission | <input type="checkbox"/> Special Permit ¹ | <input type="checkbox"/> Special Permit ¹ |
| <input type="checkbox"/> Conservation Commission ⁴ | <input type="checkbox"/> Site Plan ² | <input type="checkbox"/> Variance ¹ |
| <input type="checkbox"/> Licensing | <input type="checkbox"/> Preliminary Subdivision ³ | |
| Type: _____ | <input type="checkbox"/> Definitive Subdivision ³ | |
| <input type="checkbox"/> Other _____ | | (Fee: Inquire with Assessors) |
- (Please Specify)*

Note: Per M.G.L., processing may take up to 10 calendar days. Please plan accordingly.

THIS SECTION FOR ASSESSORS OFFICE USE ONLY

Date request received by Assessors: 2/12/2024 Date completed: 2/15/2024
List completed by: [Signature] Date paid: 2/12/2024 Cash/Check online CC

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. **Note:** Responsibility of applicant to notify abutters and produce evidence as required.



TRURO ASSESSORS OFFICE

PO Box 2012 Truro, MA 02666

Telephone: (508) 214-0921

Fax: (508) 349-5506

Date: February 15, 2024

To: Michael Pimentel of JC Engineering, Inc., Agent for Susan Betti-DiMotta

From: Assessors Department

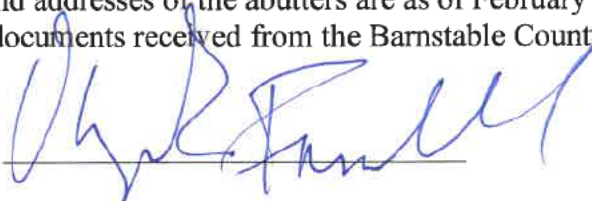
Certified Abutters List: 6 Second Landing Way (Map 45, Parcel 43)

Board of Health

Attached is a combined list of abutters for 6 Second Landing Way.

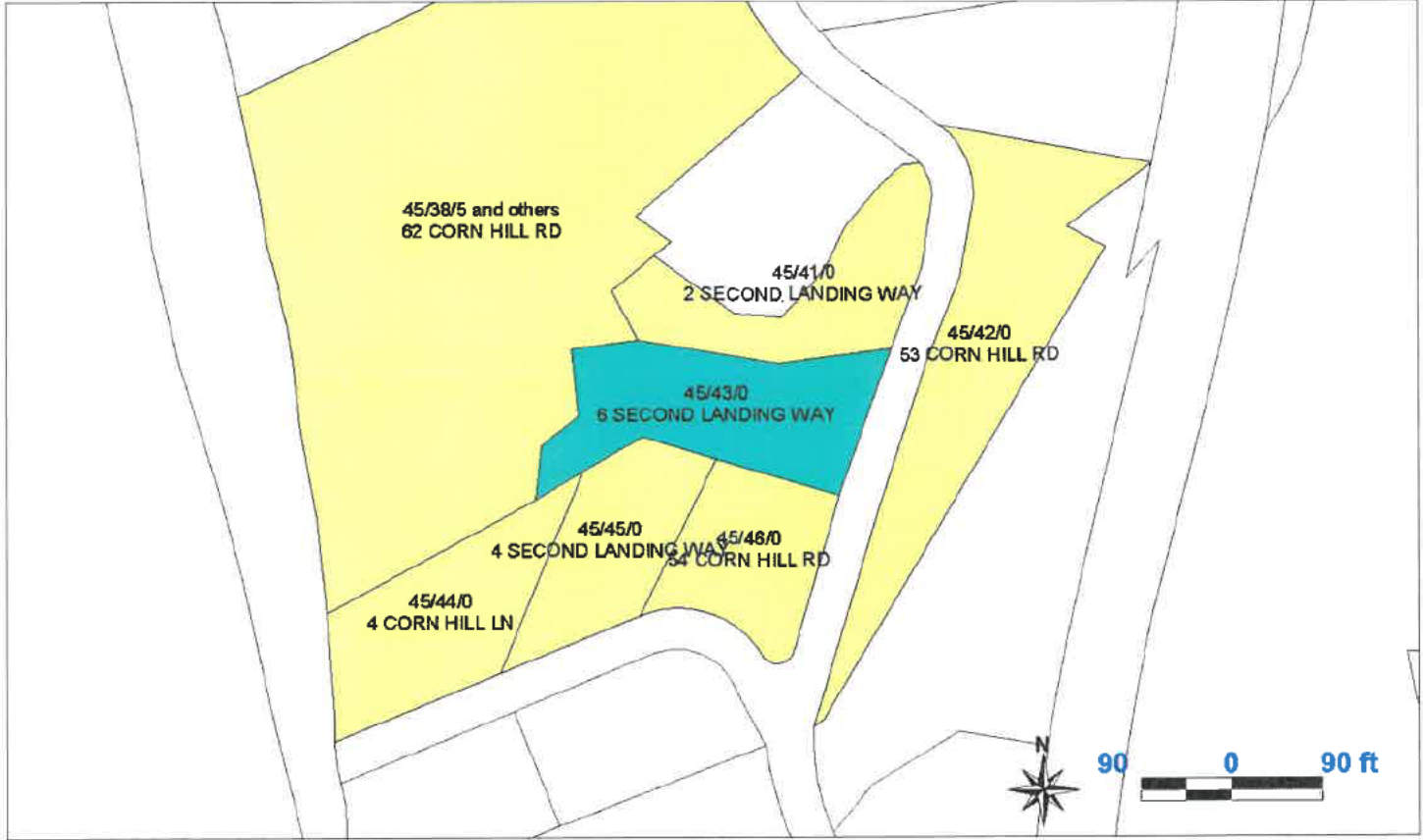
The current owner is Susan DiMotta.

The names and addresses of the abutters are as of February 9, 2024 according to the most recent documents received from the Barnstable County Registry of Deeds.

Certified by: 

Olga Farrell
Assessing Clerk

Custom Abutters List

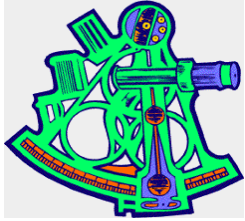


Key	Parcel ID	Owner	Location	Mailing Street	Mailing City	ST	ZipCd/Country
2124	45-38-3-R	HUNT RACHEL & ADAM ET AL	12 SECOND LANDING WAY	C/O ADAM HUNT 227 SO GREENBUSH RD	ORANGEBURG	NY	10962
2125	45-38-5-R	CORN HILL COTTAGE #5 RLTY TRST TRS: SPENCER PATRICIA A	62 CORN HILL RD	80 LYME RD #222	HANOVER	NH	03755
2126	45-38-6-R	CLD TRUST TRS: ELIZABETH TAVARES	62 CORN HILL RD	28 SOUTHGATE PARK	NEWTON	MA	02466
2127	45-38-7-R	DAMON MAYERS & LYNN BOWMAN REV REVOCABLE TRUST DATED 1/1/18	62 CORN HILL RD	172 CIRCUIT ST	NORWELL	MA	02061
2128	45-38-8-R	CAPE VIEW COTTAGE LLC MGR: MICHELLE MCKANE	62 CORN HILL RD	1406 PLANTATION DR	SOUTHLAKE	TX	76092
2129	45-38-9-R	JUDITH A PACHTER REV LIV TRUST TRS: JUDITH A PACHTER	62 CORN HILL RD	3 WILLOW GROVE RD	BRUNSWICK	ME	04011
2130	45-38-10-R	IDE NANCY M	62 CORN HILL RD	38 COLBURN DR	POUGHKEEPSIE	NY	12603
2131	45-38-11-R	CAPE VIEW COTTAGE LLC MGR: MICHELLE MCKANE	62 CORN HILL RD	1406 PLANTATION DR	SOUTHLAKE	TX	76092
2132	45-38-12-R	SHIRLEY A WRIGHT REVOC TRUST TRS: SHIRLEY A. & ANSON WRIGHT	62 CORN HILL RD	320 W 11TH ST	NEW YORK	NY	10014
2133	45-38-16-R	BLEEMER & LOSEN REV TRS & RUBIN STEPHEN & ADRIENNE TRSTS	8 SECOND LANDING WAY	C/O BARBARA BLEEMER 2404 THEALL RD	RYE	NY	10580
2134	45-38-17-R	CEREL ADAM & AMY	10 SECOND LANDING WAY	2 KATE DRIVE	ACTON	MA	01720
2135	45-38-18-R	GRIERSON MARGARET	62 CORN HILL RD	PO BOX 932	TRURO	MA	02666
2136	45-38-19-R	ROTHSTEIN SUSAN E & JOSEPH C	62 CORN HILL RD	11 MILTON RD	BROOKLINE	MA	02445
6946	45-38-20-E	CORN HILL COTTAGES CONDO TRUST	62 CORN HILL RD	62 CORN HILL RD	TRURO	MA	02666
2139	45-41-0-R	SECOND LANDING WAY RLTY TRUST TRS: CONKLIN JEFFREY M	2 SECOND LANDING WAY	398 COLUMBUS AVENUE BOX 167	BOSTON	MA	02116

Handwritten signature
 2/15/2024

Key	Parcel ID	Owner	Location	Mailing Street	Mailing City	ST	ZipCd/Country
2140	45-42-0-R	CONDIT POLLY	53 CORN HILL RD	27 DOGWOOD LN	POMONA	NY	10970
2142	45-44-0-R	TELLER FAMILY REALTY TR TRS: TELLER SAMUEL H & JOAN D	4 CORN HILL LN	27 SHODDY MILL RD	BOLTON	CT	06043
2143	45-45-0-R	MANUELIDIS ELIAS E ESTATE OF & MANUELIDIS LAURA K	4 SECOND LANDING WAY	585 ELLSWORTH AVE	NEW HAVEN	CT	06511
2144	45-46-0-R	DONALD M MUSZYNSKI REVOC. TRUST TRSTEES: MUSZYNSKI DONALD M &	54 CORN HILL RD	PO BOX 374	SIMSBURY	CT	06070-0374

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JC ENGINEERING, Inc.
Civil & Environmental Engineering
2854 Cranberry Highway
East Wareham, Massachusetts 02538
Ph. 508-273-0377

MEETING NOTICE

Dear Abutter:

You are hereby notified that there will be a public meeting on **Tuesday, March 5, 2024, at 4:30 PM** in the Select Board Chambers at Truro Town Hall on the 2nd floor located at 24 Town Hall Road, Truro, Massachusetts. This meeting is to request Local Upgrade Approvals and a Local Variance from the Truro Board of Health for a septic system upgrade project located at 6 Second Landing Way, Truro, Massachusetts.

Due to the location of a Coastal Bank and drinking water wells, the physical constraints of the property, and the existing land terrain, the following Local Upgrade Approvals (LUAs) and local variance are requested for this project.

In accordance with 310 CMR 15.401 - 15.405, the following Local Upgrade Approvals are requested from 310 CMR 15.221(7):

- 1.) A 2.5' waiver (3.0' - 5.5') for the max. cover over the H-20 D-Box.
- 2.) A 3.0' waiver (3.0' - 6.0') for the max. cover over the H-20 SAS.

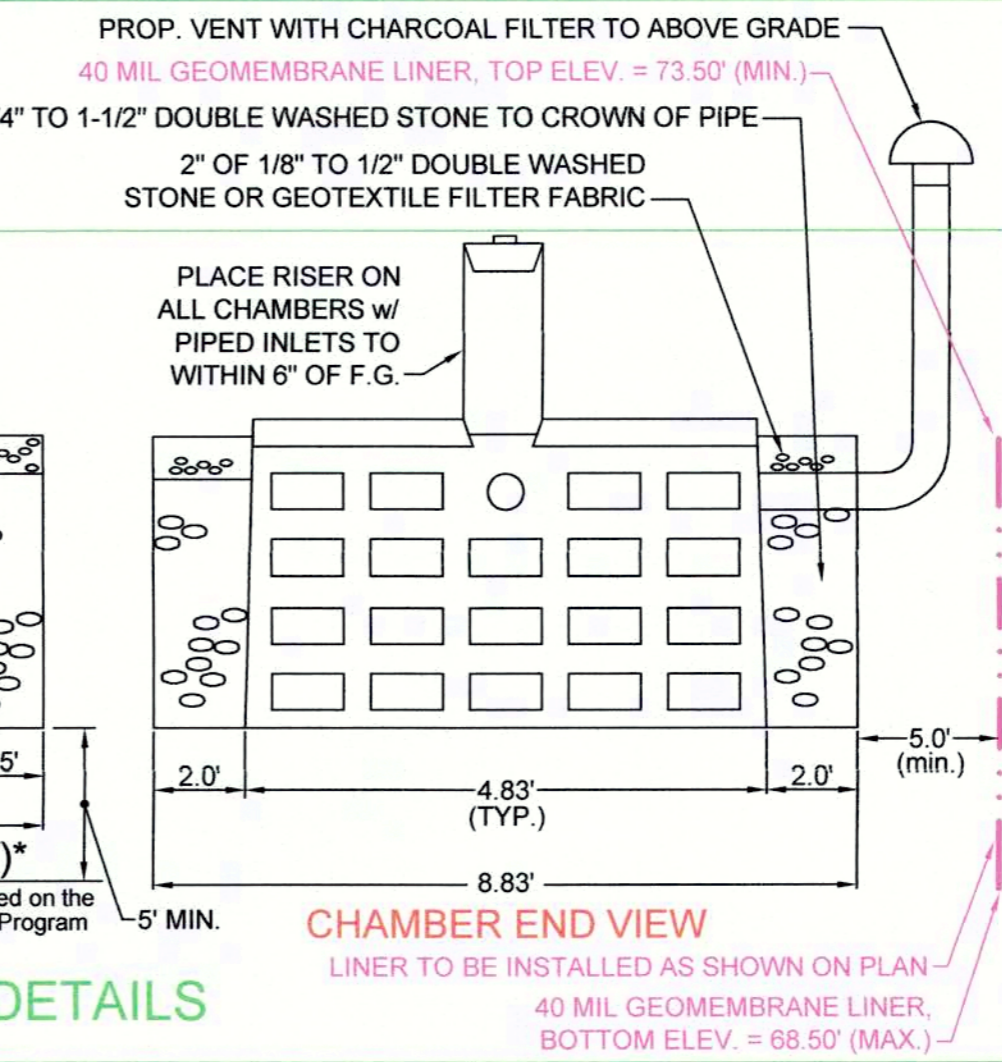
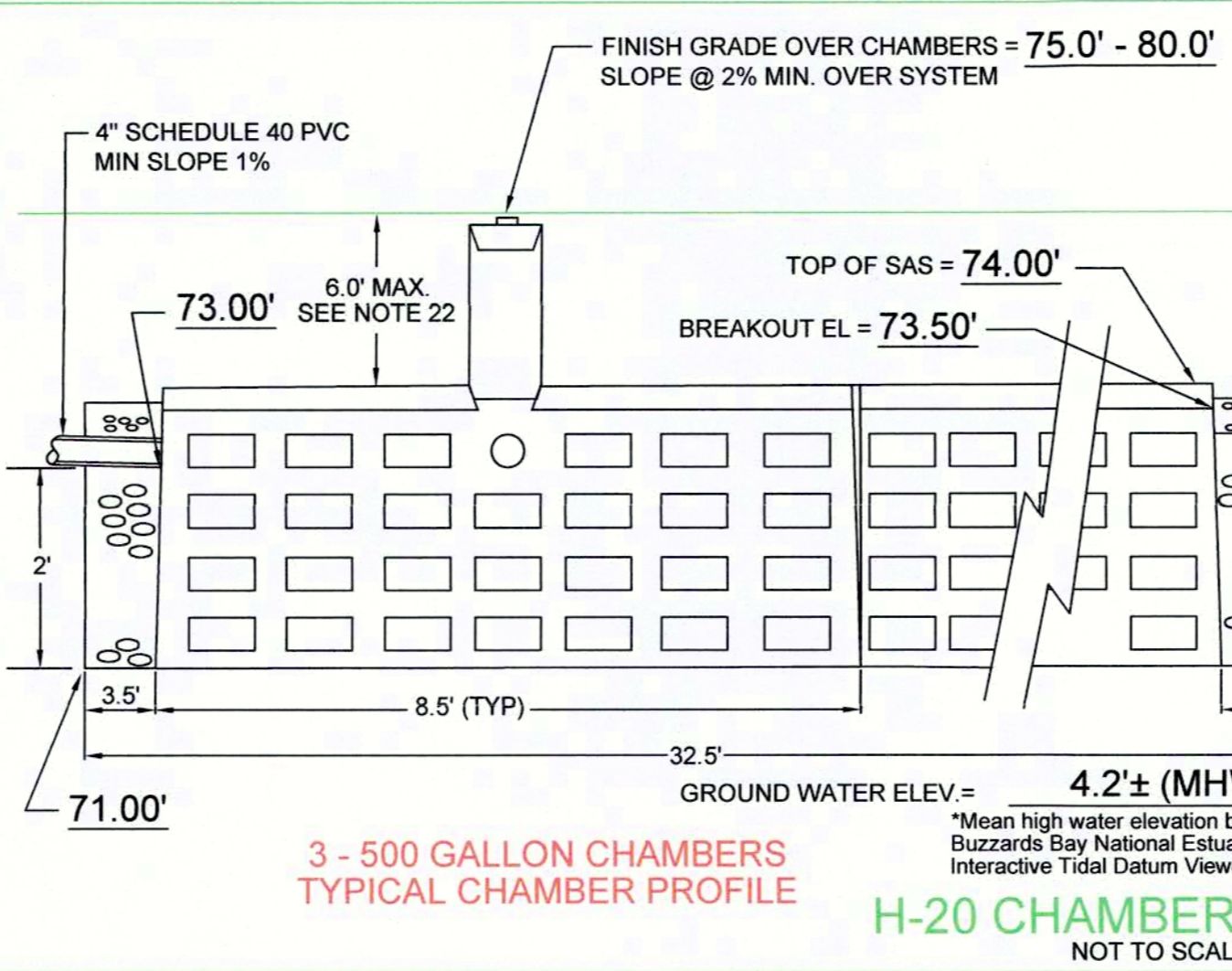
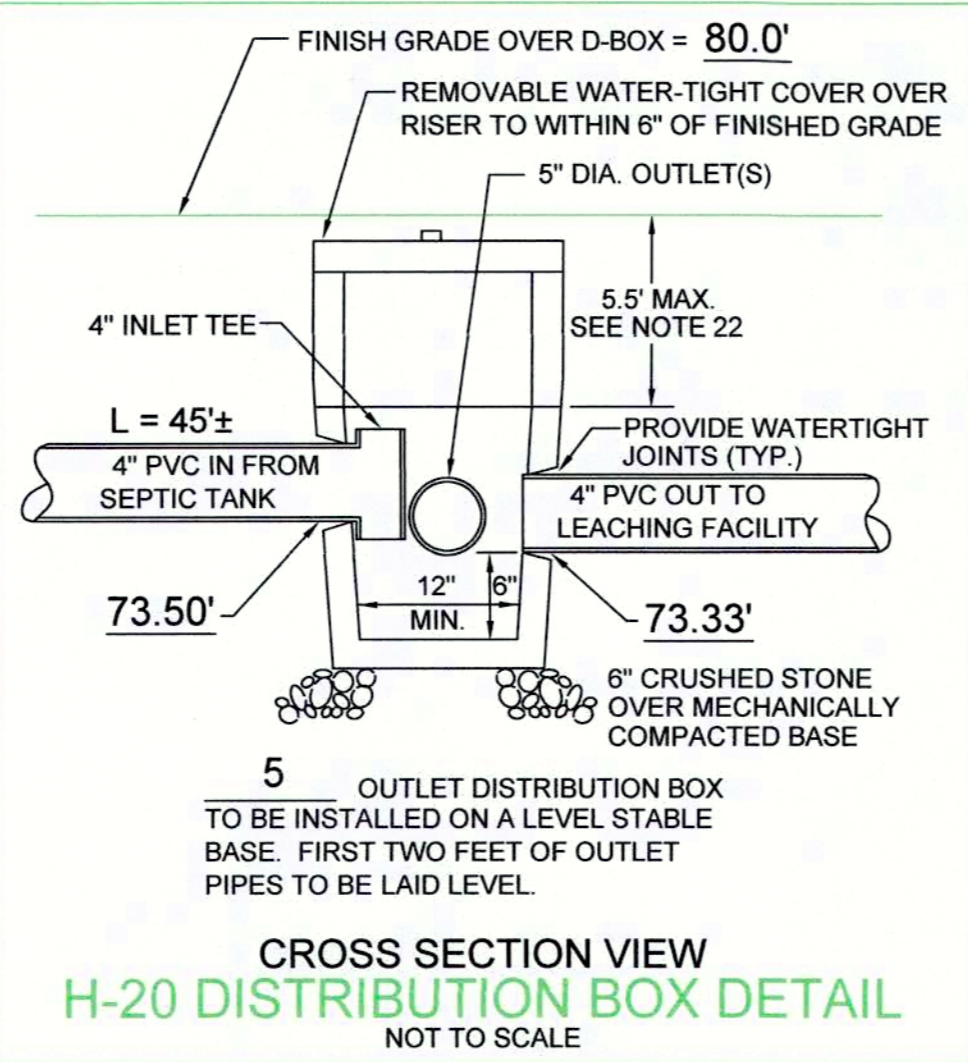
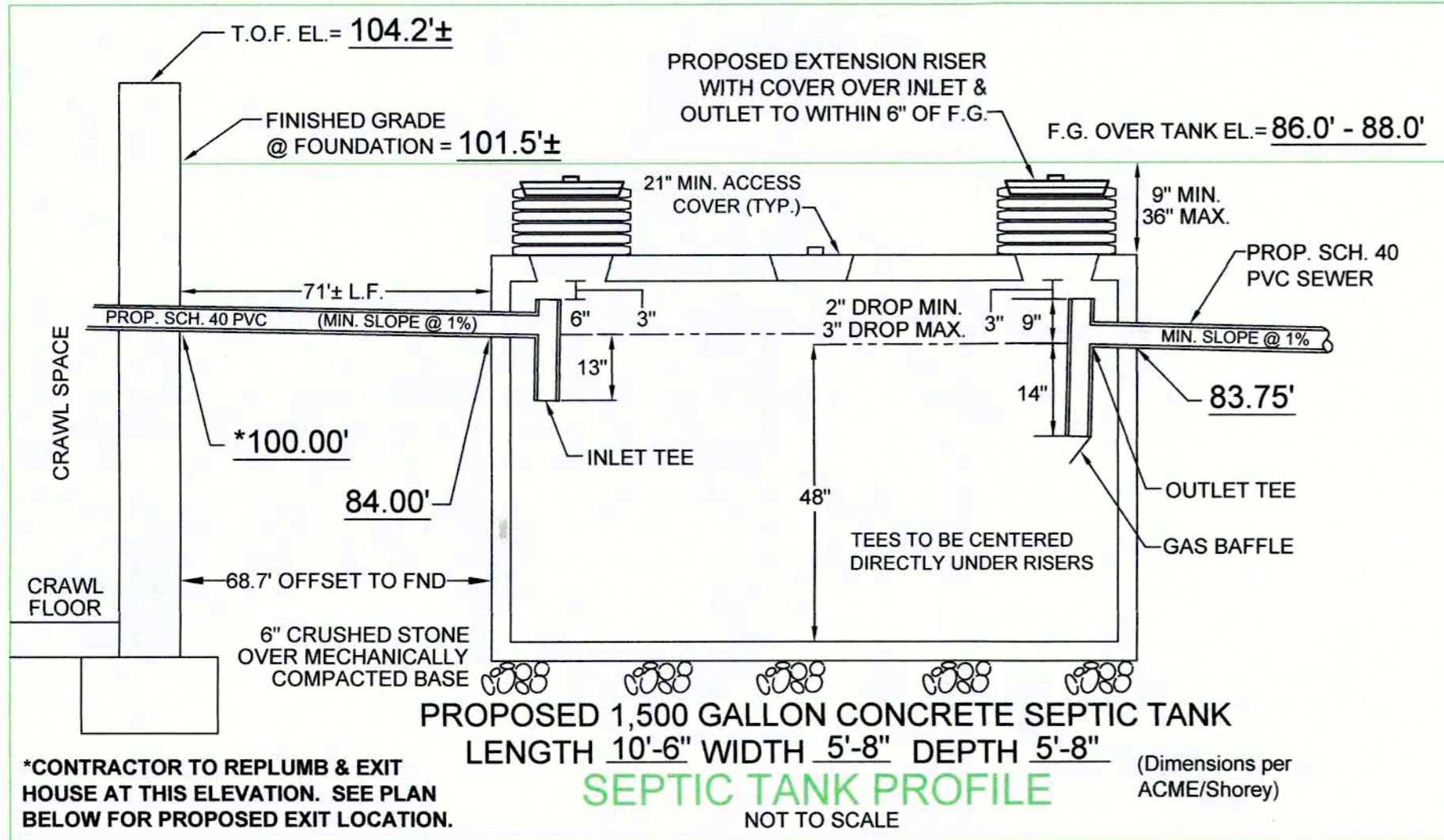
The following local variance is required from the Truro Board of Health Regulations, Section VI, Article 9 (Required Setbacks for System Components):

- 1.) A 43.0' variance (150.0' - 107.0') for the setback from the proposed SAS to the Coastal Bank.

The application and plans are available for review at the Truro Health Department, 24 Town Hall Road, Truro, MA, Monday through Friday (excluding holidays).

IF YOU ARE INTERESTED IN ATTENDING THE MEETING BY REMOTE ACCESS, PLEASE CHECK WITH THE TOWN OF TRURO HEALTH DEPARTMENT TO DETERMINE IF VIRTUAL ATTENDANCE IS AVAILABLE. ALSO, YOU CAN REQUEST THE OFFICIAL AGENDA FROM THE HEALTH DEPARTMENT TO CONFIRM THE DATE AND TIME OF THE MEETING.

TRURO HEALTH DEPARTMENT TELEPHONE NUMBER: 508-214-0920.

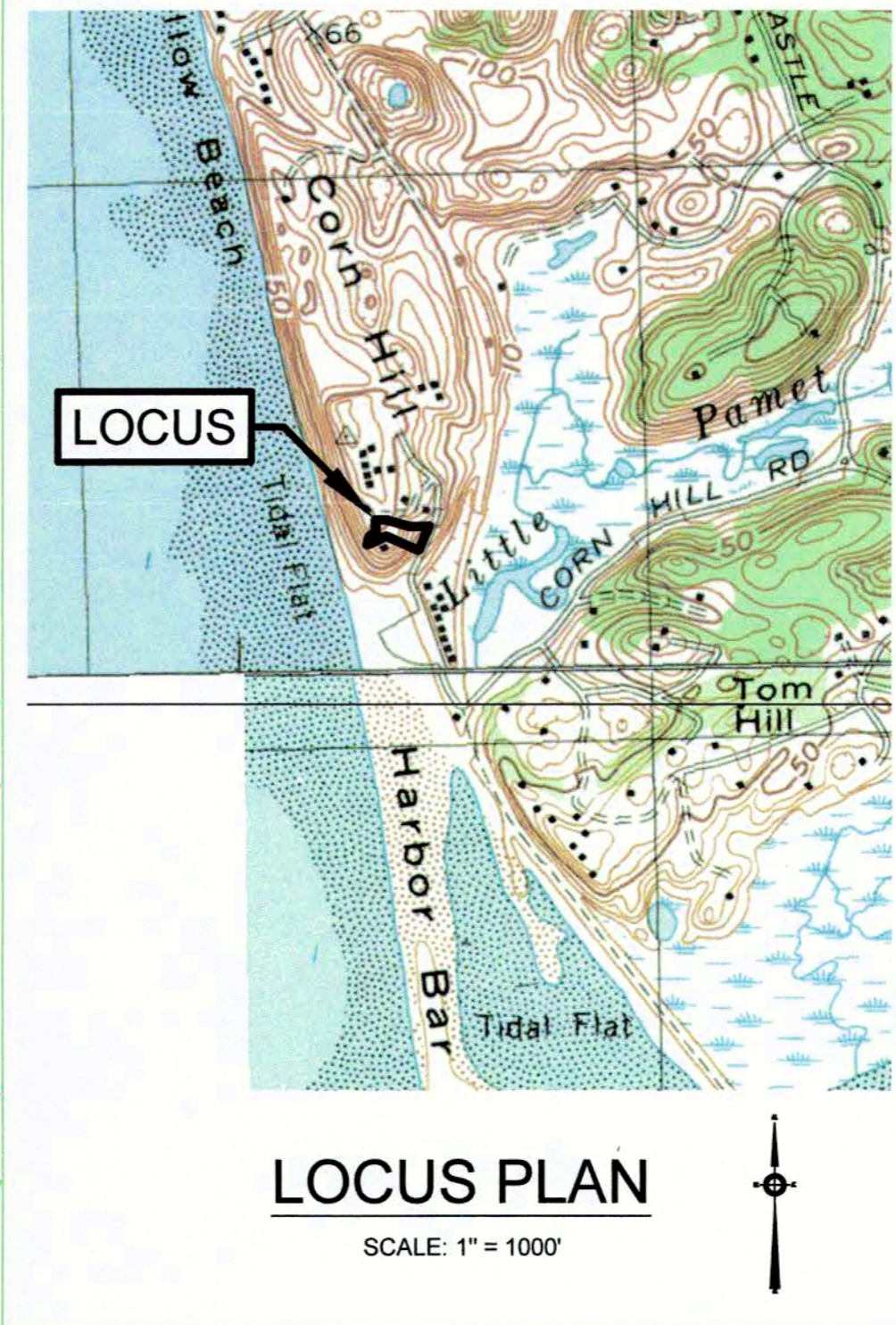
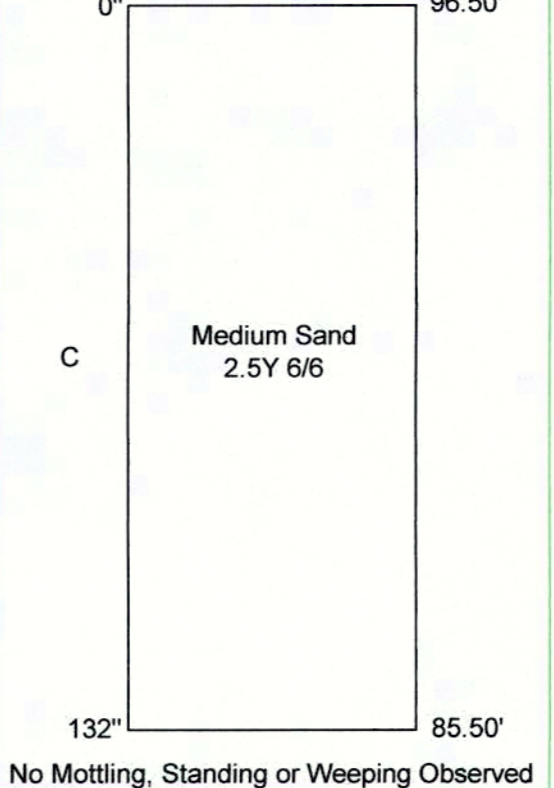


GENERAL NOTES

- UNLESS OTHERWISE NOTED, ALL SYSTEM COMPONENTS AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH TITLE 5 OF THE STATE ENVIRONMENTAL CODE AND ANY APPLICABLE LOCAL RULES.
- ANY CHANGES TO THIS PLAN MUST BE APPROVED BY THE BOARD OF HEALTH AND THE DESIGN ENGINEER.
- SCHEDULE 40 PVC PIPE WITH WATER TIGHT JOINTS SHALL BE USED IN DISPOSAL SYSTEM UNLESS OTHERWISE NOTED.
- TO PREVENT BREAKOUT, THE PROPOSED FINISHED GRADE SHALL NOT BE LESS THAN ELEVATION = 73.50' FOR A DISTANCE OF 15' AROUND THE PERIMETER OF THE SAS. UNLESS A 40 MIL GEOMEMBRANE LINER IS PLACE AT LEAST FIVE FEET FROM S.A.S. AND THE TOP OF THE LINER IS NOT LESS THAN THE BREAKOUT ELEVATION.
- SLOPE ALL SOLID PIPE AT 1.0% MINIMUM.
- THIS SYSTEM IS NOT DESIGNED FOR A GARBAGE DISPOSAL.
- LOCAL BOARD OF HEALTH AND DESIGN ENGINEER TO BE NOTIFIED PRIOR TO BACK FILLING WHEN SYSTEM IS NEARLY COMPLETE AND READY FOR INSPECTION. SYSTEM IS NOT TO BE BACK FILLED WITHOUT FIRST OBTAINING APPROVAL FROM BOARD OF HEALTH AND DESIGN ENGINEER.
- ELEVATIONS BASED ON N.A.V.D. 88 DATUM. SEE BENCHMARK LOCATION AND ELEVATION SHOWN ON PLAN.
- CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION THROUGH DIG-SAFE AT LEAST 72 HOURS PRIOR TO COMMENCING WORK ON SITE AT 1-888-DIG-SAFE AND ANY OTHER APPLICABLE AGENCIES. REPORT ANY DISCREPANCIES TO THE DESIGN ENGINEER.
- ALL JOINTS WHERE PIPE ENTERS AND EXITS CONC. STRUCTURES SHALL BE MADE WATERTIGHT.
- NO DETERMINATION HAS BEEN MADE AS TO COMPLIANCE WITH DEEDED OR ZONING REGULATIONS. OWNER/APPLICANT IS TO OBTAIN SUCH DETERMINATION FROM APPROPRIATE AUTHORITY.
- ALL SEPTIC SYSTEM COMPONENTS SHALL WITHSTAND H-10 LOADING UNLESS LOCATED UNDER MORE THAN 3 FEET OF COVER OR LOCATED UNDER PAVEMENT, DRIVES, OR TRAVELED WAYS IN WHICH CASE THEY SHALL WITHSTAND H-20 LOADING.
- DOUBLE WASHED CRUSHED STONE SHALL BE FREE OF ALL DIRT, DUST AND FINES.
- WHERE REQUIRED, CONTRACTOR SHALL REMOVE ALL LOAM, SUBSOIL AND UNSUITABLE MATERIAL IN AREA BENEATH AND FOR 5 FT. ON ALL SIDES OF LEACHING FACILITY. REPLACE ALL UNSUITABLE MATERIAL WITH CLEAN COARSE SAND FREE FROM CLAY, FINES OR OTHER UNSUITABLE MATERIAL IN ACCORDANCE WITH 310 CMR 15.255(3).
- CONTRACTOR SHALL NOTIFY DESIGN ENGINEER OF ANY DISCREPANCIES FOUND IN SITE CONDITIONS FROM THOSE SHOWN PRIOR TO CONTINUATION OF WORK.
- PROPOSED PROJECT IS LOCATED WITHIN:
ASSESSOR'S MAP 45 LOT 43
OWNER OF RECORD: SUSAN BETTI-DIMOTTA
ADDRESS: 87 JEFFERSON STREET
NYACK, NY 10960
- FEMA FLOOD ZONE X
COMMUNITY PANEL # 25001C0139J
- DEED REFERENCE: BOOK 12637, PAGE 127
- PLAN REFERENCES: 1.) PLAN BOOK 320, PAGE 29 2.) PLAN BOOK 343, PAGE 7
- ALL DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL CONDITION.
- PROPERTY LINE INFORMATION IS ONLY APPROXIMATE. THIS PLAN IS TO BE USED ONLY FOR SEPTIC SYSTEM UPGRADE. JC ENGINEERING WILL NOT ASSUME ANY LIABILITY FOR USES OF THIS PLAN OTHER THAN ITS INTENDED PURPOSE.
- OWNER / APPLICANT / CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ANY AND ALL REQUIRED PERMITS AND APPROVALS FOR THIS PROJECT.
- IN ACCORDANCE WITH 310 CMR 15.401 - 15.405, THE FOLLOWING LOCAL UPGRADE APPROVALS ARE REQUESTED FROM 310 CMR 15.221(7):
(1) A 2.5' WAIVER (3.0' - 5.5') FOR THE MAXIMUM COVER OVER THE H-20 D-BOX.
(2) A 3.0' WAIVER (3.0' - 6.0') FOR THE MAXIMUM COVER OVER THE H-20 SAS.
- THE FOLLOWING LOCAL VARIANCE IS REQUIRED FROM THE TRURO BOARD OF HEALTH REGULATIONS, SECTION VI, ARTICLE 9 (REQ'D SETBACKS FOR SYSTEM COMPONENTS):
(1) A 43.0' VARIANCE (150.0' - 107.0') FOR THE SETBACK FROM THE PROPOSED SAS TO THE COASTAL BANK.

TEST PIT DATA

PERC NO. N/A
INSPECTOR: Courtney Warren (BOH)
EVALUATOR: Michael Pimentel, EIT, CSE
C.S.E. APPROVAL DATE: Oct. 27, 1999
DATE: January 26, 2023
TEST PIT #: 1
ELEV TOP = 96.50'
ELEV WATER = < 85.50'
PERC RATE =
DEPTH OF PERC =
TEXTURAL CLASS: I



DESIGN DATA

NUMBER OF BEDROOMS (EXISTING) 3
NUMBER OF BEDROOMS (DESIGN) 3
DESIGN FLOW 110 GAL/DAY/BEDROOM
TOTAL DESIGN FLOW 330 GAL/DAY
DESIGN FLOW x 200 = 660 GAL/DAY
USE PROPOSED 1,500 GALLON SEPTIC TANK

INSTALL 3 - 500 GAL. CHAMBERS W/ STONE

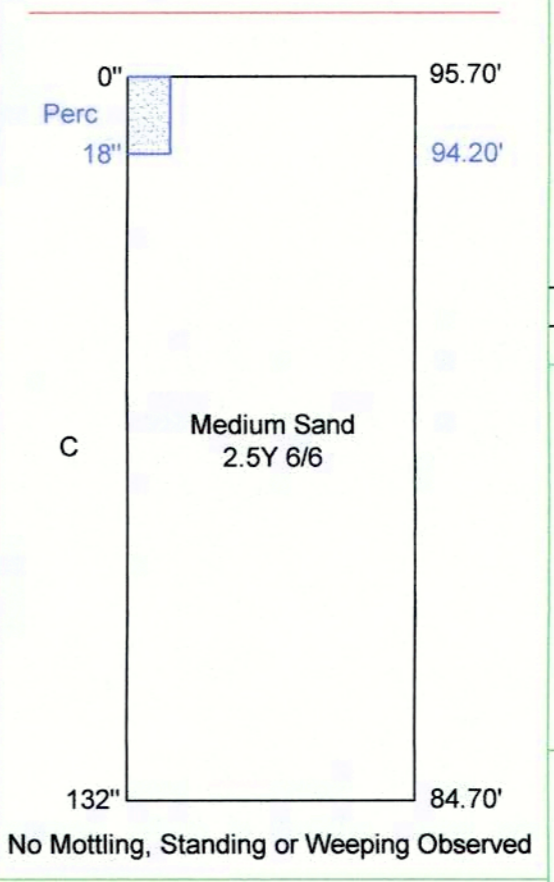
SIDEWALL CAPACITY
(LENGTH x WIDTH) (2 SIDES) (2' HIGH) (0.74 GPD/S.F.) = GAL/DAY
(32.5' x 8.83') (2) (2') (0.74 GPD/S.F.) = 122.3 GAL/DAY

BOTTOM CAPACITY
(LENGTH x WIDTH) (0.74 GPD/S.F.) = GAL/DAY
(32.5' x 8.83') (0.74 GPD/S.F.) = 334.7 GAL/DAY

TOTALS:
TOTAL NUMBER OF CHAMBERS 3
TOTAL LEACHING AREA 452.3 SQ.FT.
TOTAL LEACHING CAPACITY 334.7 GAL./DAY

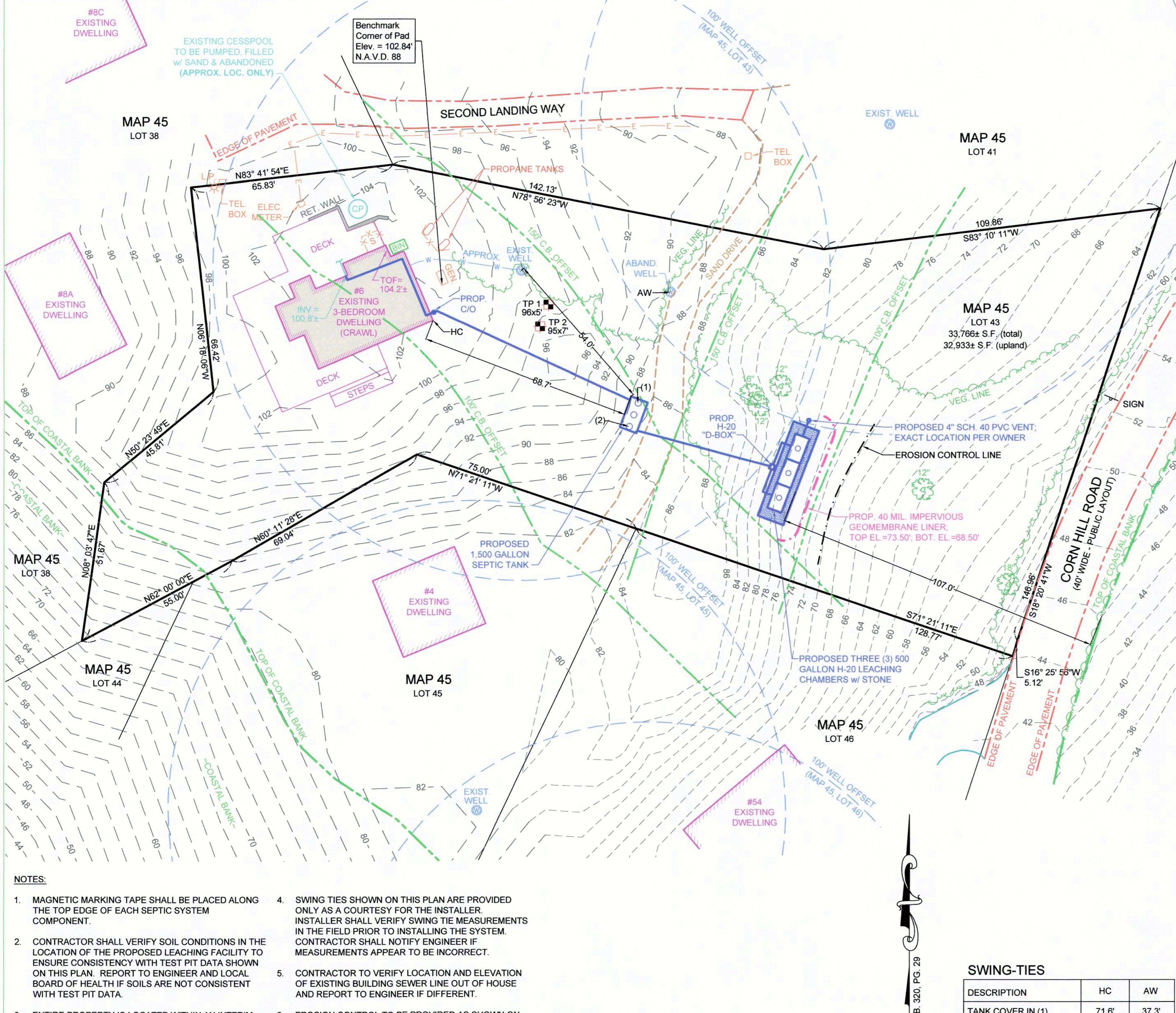
TEST PIT DATA

PERC NO. N/A
INSPECTOR: Courtney Warren (BOH)
EVALUATOR: Michael Pimentel, EIT, CSE
C.S.E. APPROVAL DATE: Oct. 27, 1999
DATE: January 26, 2023
TEST PIT #: 2
ELEV TOP = 95.70'
ELEV WATER = < 84.70'
PERC RATE = < 2 min./inch
DEPTH OF PERC = 0' - 18"
TEXTURAL CLASS: I



LEGEND

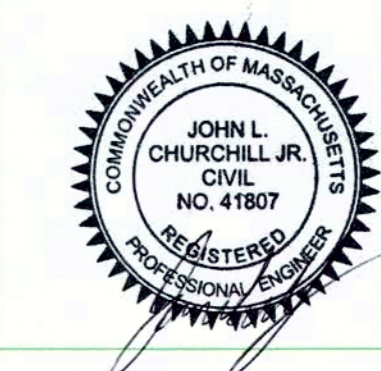
- 50x0' EXISTING SPOT GRADE
- 50 --- EXISTING CONTOUR
- 50 PROPOSED CONTOUR
- 50 PROPOSED SPOT GRADE
- GAS EXISTING GAS LINE
- E-E EXISTING UNDERGROUND ELECTRIC LINE
- W-W EXISTING WATER LINE
- LSA EXISTING LANDSCAPED AREA
- TEST PIT LOCATION
- PROPOSED 1,500 GALLON SEPTIC TANK
- PROPOSED 4" SOLID SCHEDULE 40 PVC PIPE
- PROPOSED H-20 DISTRIBUTION BOX
- PROPOSED 500 GALLON H-20 LEACHING CHAMBER



- NOTES:**
- MAGNETIC MARKING TAPE SHALL BE PLACED ALONG THE TOP EDGE OF EACH SEPTIC SYSTEM COMPONENT.
 - CONTRACTOR SHALL VERIFY SOIL CONDITIONS IN THE LOCATION OF THE PROPOSED LEACHING FACILITY TO ENSURE CONSISTENCY WITH TEST PIT DATA SHOWN ON THIS PLAN. REPORT TO ENGINEER AND LOCAL BOARD OF HEALTH IF SOILS ARE NOT CONSISTENT WITH TEST PIT DATA.
 - ENTIRE PROPERTY IS LOCATED WITHIN AN INTERIM WELLHEAD PROTECTION AREA (WPA).
 - SWING TIES SHOWN ON THIS PLAN ARE PROVIDED ONLY AS A COURTESY FOR THE INSTALLER. INSTALLER SHALL VERIFY SWINGS THE MEASUREMENTS IN THE FIELD PRIOR TO INSTALLING THE SYSTEM. CONTRACTOR SHALL NOTIFY ENGINEER IF MEASUREMENTS APPEAR TO BE INCORRECT.
 - CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXISTING BUILDING SEWER LINE OUT OF HOUSE AND REPORT TO ENGINEER IF DIFFERENT.
 - EROSION CONTROL TO BE PROVIDED AS SHOWN ON PLAN AND/OR DIRECTED BY PERMITTING AUTHORITY.

SWING-TIES

DESCRIPTION	HC	AW
TANK COVER IN (1)	71.6'	37.3'
TANK COVER OUT (2)	72.2'	45.4'



1
REV. DATE MCP JLC Add Coastal Bank, revise SAS; add variances, etc.
BY APPD. DESCRIPTION

PROPOSED SEPTIC SYSTEM UPGRADE

PREPARED FOR
SUSAN BETTI-DIMOTTA

LOCATED AT
**6 SECOND LANDING WAY
TRURO, MA 02666**

SCALE: 1 INCH = 20 FT. DATE: APRIL 7, 2023

PREPARED BY
JC ENGINEERING, INC.
2854 CRANBERRY HIGHWAY
EAST WAREHAM, MA 02538
508.273.0377

Drawn By: MCP Designed By: MCP Checked By: JLC JOB NO. 6794-1

Arozana Davis

From: Rich Newburg [REDACTED]
Sent: Monday, February 26, 2024 2:24 PM
To: Arozana Davis
Subject: 45 Corn Hill septic install extension

Arozana,

I am writing to request an extension on the installation of the new septic system at 45 Corn Hill Road. The reason is that the installer (Brundage) has delayed the installation due to scheduling issues. They are extremely busy apparently. Please let me know what is needed to formalize this request.

Thank you,

Rich Newburg
[REDACTED]

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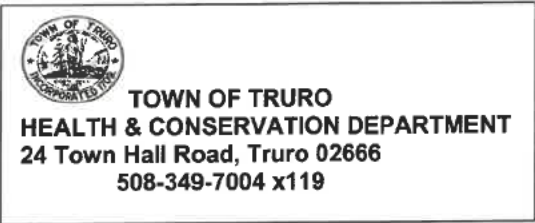
I spoke with Hannah from Brundage and she hopes to have the system completed by April but asked us to ask for the end of May just in case something comes up.

- Arozana Davis

Original approval - 8/1/2023; Extended to 3/15/2024

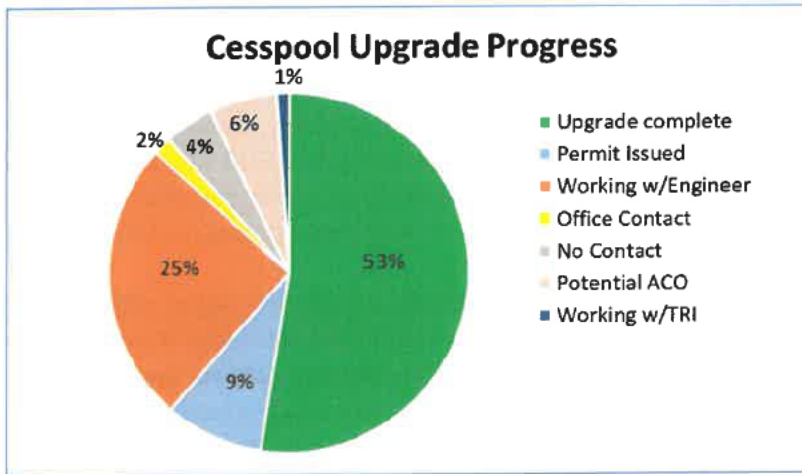
Memo to: Truro Board of Health
 From: Emily Beebe, Truro Health & Conservation Agent
 Date: March 19, 2024
 Re: **Water Resources Update March 2024**

SB



Regarding cesspool upgrades to Title 5

To date, 62% of the properties with cesspools have either completed the upgrade process or have permits issued to do so. 26% are working with engineers. Letters have been sent to these homeowners, so they are aware of the deadline for plans and installation permits. 6% are eligible to enter into an ACO (described below). The remaining 6% of properties that have made no progress will be issued notices of violation filed with the Housing court.



Bucket	Count	Deadline
1	19	Installation by 9/1/2024 or 9 months from date of permit issuance
2	11	Completion of ACO by 6/1/2024
3	48	Plan complete by 5/1/2024, install within 9 months
4	8	12/31/2023



Regarding Administrative Consent Orders (ACOs). An ACO is the legal agreement between the Board of Health and a property owner regarding the timing of upgrades or connection to sewer facilities. Draft ACO's must be finalized by June 1, 2024, by BoH approval of a variance to allow the agreement, using GPD value placeholder until the actual cost/gallon multiplier is determined by GHD. The Town and Engineers from GHD were scheduled to meet with the DEP on March 15, and the meeting was rescheduled by the DEP to April 4. At that time, we will review the use of the ACO process, and our Comprehensive Wastewater Management planning strategy.

Regarding stormwater management- Currently, stormwater management plans for Pond Road are at 30% of design completion. Funding to bring the plans to the bid-spec threshold of 75% will be sought at the 2024 ATM, putting us on target for implementation funding at 2025 ATM with construction planned for fall 2025. The designs will employ a variety of Best Management measures to treat stormwater.

The proposed Stormwater and Sediment control Bylaw that is on the Special Town Meeting warrant will be discussed by the Board of Health at the first meeting in April.

Regarding changes to Title 5, and TMDL NSAs – (no new update, March 2024)

Changes to Title 5 became effective on July 7, 2023 and a new include watershed permit regulations, and new Nitrogen Sensitive Areas (NSA). Watersheds on Cape Cod with an EPA-approved Total Maximum Daily Load (TMDL) are now designated NSAs with timeframes for compliance with approved watershed plans.

It is important to note that Truro does not have a TMDL for nitrogen so the change in regulation has minimal impact on most of Truro. However, a portion of South Truro is in the Wellfleet Harbor Watershed. In October the Massachusetts Department of Environmental Protection (MassDEP), Watershed Planning Program (WPP), announced the approval of the Final Wellfleet Harbor Embayment System Total Maximum Daily Loads (TMDL) For Total Nitrogen by the U.S. Environmental Protection Agency (EPA). You can find a copy of the permit at:

<https://www.mass.gov/doc/final-total-nitrogen-tmdl-for-wellfleet-harbor/download>

East Harbor and the Pamet River are both impaired water bodies, but neither have a TMDL for nitrogen, however, to protect these resources the Town is working proactively, to align our planning process with the new regulations. We have contracted with the engineering firm GHD to prepare our Comprehensive wastewater management plan which will guide our wastewater management activities across town. It is likely that we will be moving into a watershed permit application process within several years.

Regarding Wastewater Management Planning/ Water Resources discussion with Provincetown:

Wastewater Management planning with Provincetown continues, with staff from both Towns, Truro's wastewater engineers GHD and John Goodrich, from Provincetown. We are awaiting a figure from Provincetown that captures the cost for connecting proposed infrastructure to the existing system. Once that has been approximated, the feasibility of connecting to the system can be expressed in costs of \$/GPD based on existing title 5 flows, which is consistent with current practice for the Provincetown Sewer system.

The 2011 Provincetown Water system IMA requires development of a Master Plan (to describe infrastructure improvements, upgrades, distribution, and expansion), and a Watershed plan, both to address the needs and concerns of both Communities. Staff from both Towns are meeting monthly to scope these plans for procurement, beginning with the Watershed plan. Up front, we need to develop a process for the planning that will help us address the immediate issues and concerns between the Towns that may impede our progress as a group.

Minutes of the Truro Board of Health, Tuesday February 20, 2024

This was a hybrid meeting held in person at Truro Town Hall in the Select Board chambers and via Zoom.

Board members in attendance: In person: Chair Tracey Rose; Vice Chair Jason Silva, Board Members Helen Grimm, Brian Koll, and Tim Rose; Absent: Alternate Member Candida Monteith; Also Present in person: Health Agent Emily Beebe, Assistant Health Agent Courtney Warren.

The meeting was called to order at 4:40 pm by the Chair, who described the remote meeting procedures and the process for public participation.

Public Comment: There was no public comment.

Title 5/Local Variance Request: 258 Rte 6, Christine Avila

RS Jason Ellis represented the request to upgrade the cesspool to a new Title 5 system; local variances are required to the setbacks to wetlands. The well is currently in the highway layout and will be relocated. Chair Tracey Rose asked about the polyvinyl barrier shown on the plan. Jason Ellis stated that was included because of breakout concerns on the southwest corner of the leach area due to the slope of the lot. The Agent commented that the property was part of the Pamet River watershed and that this property would likely need to upgrade to enhanced I/A in the future. Jason Ellis confirmed that the homeowners are aware of the future possibility but that at this time they wanted to keep costs down. Board member Jason Silva asked if the future need for enhanced I/A drives the way he designs current systems. Jason Ellis responded that similar to what he has been required to do in Wellfleet, he will revise this plan to specify an Orenco 1500-gallon tank. That way the system will be more easily retrofit when required by future regulations. The chair stated that the standard of review for the Board of Health is to determine if the design showing reductions to the requirements of the Board of Health regulations will provide as much environmental and public health protection as would a plan without variances.

Motion: Board member Tim Rose moved to approve the variances as requested with the condition that the tank be changed to an Orenco 1500-gallon tank.; **Second:** Board member Brian Koll; **Vote:** 5-0-0; the motion carried.

Extension Recommendation: 522 Shore Road. The sale of one of the condominium units at this location triggered the need for a new septic inspection prior to the sale. However, the system cannot be inspected at this time as it was recently pumped and therefore, there are no “normal flows” to observe in the system. The Board was asked to extend the validity of the 2021 inspection by four months to cover any transfers that may occur. The system will be inspected in the spring when the property opens and normal flows are restored. The Chair asked if normal flows could be restored that quickly. The Agent replied that flows should return to normal quickly, and that the system itself was relatively new and had been inspected/pumped regularly.

Motion: Board member Helen Grimm moved to approve a four-month extension request for 522 Shore Rd; **Second:** Board member Jason Silva; **Vote:** 5-0-0; the motion carried.

MOU: Barnstable County Public Health Excellency Grant

As discussed at the last meeting, this is a shared services grant from DPH awarded to Barnstable County who is the fiduciary entity. Chair Tracey Rose asked if town counsel had reviewed this

agreement. The Agent responded that they had. The document has been specifically modified to protect the four-town MOU already in place for the Outer Cape towns. This grant will cover a variety of shared services and trainings to help meet the state benchmarks for credentialed professionals. **Action: The Board members all signed the document.**

Water Resources Report

The Agent reported that the cesspool upgrade process, was moving forward in the categorical steps. The bucket 3 letters have generated a good response. Letters would be going out soon to those properties eligible for an ACO to provide dates and next steps. The Provincetown betterment amount has been used as a placeholder in discussions with potential ACO properties to have a cost estimate. A recent meeting has been held with Provincetown around the financial feasibility of connecting to town sewer and will hopefully have a better estimate soon. Policy discussions will need to be had about the costs of infrastructure. There may be some grant funding opportunities for this work. Staff will also be meeting with DEP to discuss the ACO process as well as our wastewater management planning.

The final design costs for the Pond Village stormwater project will be on the warrant this year at annual town meeting for planning work. The Board will discuss the proposed stormwater by-law at a future meeting.

Staff is working on the process for developing a master plan with Provincetown and are building the structure of regular meetings for the staff of both Towns.

Report of the Chair:

Due to time constraints, the chair did not make her report.

Health Agent's Report:

As part of the ongoing CAC series on water, the Health Agent and Provincetown Water Superintendent Cody Salisbury make a presentation on March 7th at the Truro library about the Provincetown Water system, and the shared freshwater resources. It was also noted that the "Talking Trash" presentation is now available on the town website.

The Agent noted that the first redwing blackbirds have returned.

Minutes: February 6, 2024; **Motion:** Board member Helen Grimm moved to approve the February 6, 2024 meeting minutes.; **Second:** Board member Brian Koll; **Vote:** 5-0.

Board member Tim Rose moved to adjourn the meeting; Second: Board member Helen Grimm; Vote: 5-0-0, the motion carried.

The meeting was adjourned at 5:30 p.m.

Respectfully submitted by Courtney Warren

Minutes of the Truro Board of Health, Tuesday March 5, 2024

Due to a conflict with the Primary Election, this was a remote meeting held via Zoom solely for the purpose of opening the variance hearings and continue them to a date certain.

Board members in virtual attendance were Chair Tracey Rose; Vice Chair Jason Silva, Board Members Helen Grimm and Brian Koll. Alternate Candida Monteith was present at Town Hall with Health Agent Emily Beebe and Assistant Health Agent Courtney Warren.

The meeting was called to order at 4:36 pm by the Chair.

Title 5/Local Variance Request: 6 Second Landing Way, Susan Betti-DiMotta

Motion: Board Member Brian Koll moved to open the hearing for 6 Second Landing Way and continue the matter until March 19, 2024; **Second:** Board Memeber Helen Grimm; **Vote:** 5-0-0; the motion carried.

Local Variance Request: 21 Fisher Road, Robert L Jackson Family Trust

Motion: Board Member Brian Koll moved to open the hearing for 21 Fisher Rd and continue the matter until April 2, 2024; **Second:** Helen Grimm; **Vote:** 5-0-0; the motion carried.

Board member Jason Silva moved to adjourn the meeting; Second: Board member Helen Grimm; Vote: 5-0-0, the motion carried.

The meeting was adjourned at 4:39 p.m.

Respectfully submitted by Courtney Warren