



Truro Board of Health

Tuesday November 7, 2023

Remote Meeting start at 4:30 PM

Truro Board of Health Regular Meeting

Remote Meeting start time is 4:30 PM

Remote Meeting Access Instructions This will be a remote meeting. 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 Dial by your location 1-3051-224-1968 and enter the following Meeting ID when prompted: Meeting ID: 884 7580 5887** To join this Zoom meeting from your computer, tablet or smartphone <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

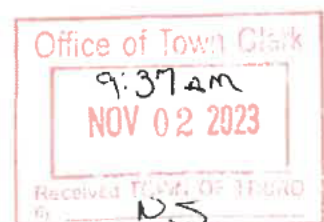
II. AGENDA ITEMS

1. **Proposed Change of Manager:** 124 Shore Rd, J Lowe's Inn, Johnny Lowe, new on-site manager
2. **Title 5/Local Variance Request:** 37 Ryder Beach Road, Harriet R Meiss Trust
3. **Title 5/Local Variance Request:** 11 Knowles Heights Rd, Joseph Sciliano & Larry Richardson
4. **Waiver of Time:** 6 Second Landing Way
5. **Discussion on enforcement schedule for title 5 upgrades**
6. **Discussion and update on OPIOID settlement funds- Outer Cape municipal process**

III. MINUTES

IV. REPORTS

1. Report of the Chair
2. Health Agent's Report- MHOA, November meeting schedule (?meet on 11/21?)





TOWN OF TRURO

Health Department

P.O. Box 2030, Truro, MA 02666

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

Email: ebabee@truro-ma.gov or adavis@truro-ma.gov

PAID
383

APPLICATION TO NAME A MANAGER

This application is used for a Change of Manager, Add Co-Managers or to Name a Property Management Company as Manager with the Board of Health

Section 1 - Business Information

Date: 10/19/2023
Print Name of Applicant: Johnny Lowe
Business Name or DBA to be managed: Plave's Inn Number of Units: 3
Street Address of Business: 124 Shore Rd Business Email: [REDACTED]
Mailing Address of Business: (☐ Check if New Address) Box 1136 N. Truro MA 02661

Section 2 - Manager Information

Name of Previous Manager: Johnny Lowe On-Site Manager Unit #:
Name of New Onsite Manager: Johnny Lowe On-Site Manager Unit #:
Name of Property Management (10 Units or less): 3
Mailing Address of New Manager and/or Property Management Company: P.O. Box 1136 N. Truro MA 02661
Phone (24 hours/day): Email:
Name of Co-Managers: Johnny Lowe
Unit # 1 Phone (24hrs/day):
Unit # 2 Phone (24hrs/day):
Unit # 3 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.

[Signature]
SIGNATURE

Johnny Lowe
PRINT NAME

10/19/2023
DATE

SIGNATURE

PRINT NAME

DATE

SIGNATURE

PRINT NAME

DATE

Section 3 - **Office Use Only**

Team Inspection
(If over 3yrs since last one)

Scheduled ☒

Date 10/24/23

Fee
\$45.00

Paid ☒
HEALTH DEPARTMENT
TOWN OF TRURO

Board of Health Hearing

☒

Date 11/7/23

\$ 75.00

☒ OCT 19 2023

RECEIVED BY:

SCHOFIELD BROTHERS OF CAPE COD
Land Surveying and Environmental Permitting
161 Cranberry Highway
P.O. Box 101
Orleans, MA 02653-0101
508-255-2098 - 508-240-1215 (fax)
E-mail: schobro@capecod.net

October 5, 2023

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

RE: 37 Ryder Beach Road

Dear Members of the Board:



Enclosed for your review please find the following:

- A filing fee in the amount of \$75.00
- 7 Copies of the Floor Plan of the Existing Dwelling with rooms labeled.
- 7 Copies of the Plan entitled "Proposed Sewage Disposal System for An Existing Four Bedroom Dwelling at 37 Ryder Beach Road Truro, Massachusetts" dated 10/5/23.
- A copy of the Certified abutter list and a copy of the notification sent to the abutters

The subject property is a 26,572± square foot waterfront lot overlooking Cape Cod Bay to the west and bordering the Ryder Beach parking area to the east. An existing 4 bedroom cottage built in 1930 exists on the site with associated appurtenances. The cottage is served by cesspools and a private well. The property is located on a barrier beach and is entirely within Land Subject to Coastal Storm Flowage.

The proposed septic system is designed to serve the 4 bedroom dwelling. A 1,500 gallon septic tank is provided along with a soil absorption system comprised of Cultec chambers in a trench configuration to provide the required five foot separation distance to groundwater and maintain the existing topography of the site. The leaching area design takes advantage of the reduction of leaching area allowed pursuant to a local upgrade approval and in anticipation of a future enhanced innovative/alternative technology being installed at a later date. The existing well will be relocated to provide a 100 foot setback to the new leaching area.

There is no available upland area on the lot for subsurface sewage disposal. The lot is environmentally sensitive and contains numerous site constraints impacting the septic system design. Several local upgrade approvals from Title 5 are requested as well as several variances from the Truro Board of Health Regulations governing septic system design as follows:

Local upgrade approval requested pursuant to Title V, the State Environmental Code:

15.405(1)(b) An increase in the maximum allowable depth of system components required by 310 CMR 15.221(7) from 36" to 70"max for a portion of the soil absorption system.

15.405(1)(c) to allow a 25% reduction in the required subsurface disposal area design requirements.

To comply with the Title V conditions applicable to this request, the leaching area components are rated for H-20 loading. The leaching area will be vented. An inspection port will be brought to within 6 inches of final grade to provide access to the soil absorption system for inspection.

SCHOFIELD BROTHERS OF CAPE COD
Land Surveying and Environmental Permitting

Variances Requested from Town of Truro Board of Health Regulations

Section VI- Local Regulations to Supplement Title 5, State Environmental Code:

Relief is requested temporarily from Article 8 – Innovative Alternative Technology (1) *Applicability (d) for upgrades of previously approved systems that exceed current nitrogen loading standards of 110 gpd/10,000 sf of lot area* and from Article 13 – Nitrogen Loading Limitations (2) *Upgrades for systems that exceed current nitrogen loading shall include the use of I/A technology.*

Due to the entire property being located within a coastal wetland resource area (barrier beach and Land Subject to Coastal Storm Flowage), a variance from the Town of Truro Board of Health Regulations Section VI, Article 9 is required for the minimum setback distances for the septic tank and soil absorption system as follows:

Minimum setback distance between a septic tank and wetlands: 100 feet required.

0' provided from proposed septic tank and barrier beach and Land Subject to Coastal Storm Flowage.

Minimum setback distance between a soil absorption system (SAS) and a wetlands: 150 feet required.

0' provided between proposed SAS and barrier beach and Land Subject to Coastal Storm Flowage

82' provided between SAS and shrub swamp

The property owners would like to comply with the Board of Health's requirement to upgrade their existing cesspool to a Title 5 system. The septic system shown on the design plan is a substantial improvement with respect to public health and protecting the environment than the existing cesspool the system will replace.

The existing dwelling is a seasonal dwelling that is not winterized and therefore not possible to utilize for most of the year. The property owners would like to phase in the requirement for providing an innovative/alternative technology to such a time that the house is winterized, the house is sold, or an enhanced innovative/alternative technology becomes available pursuant to a general use permit.

Please don't hesitate to contact our office if you have questions or require additional information.

Sincerely,

Schofield Brothers of Cape Cod

Laura Schofield

Laura Schofield, RS
Project Manager

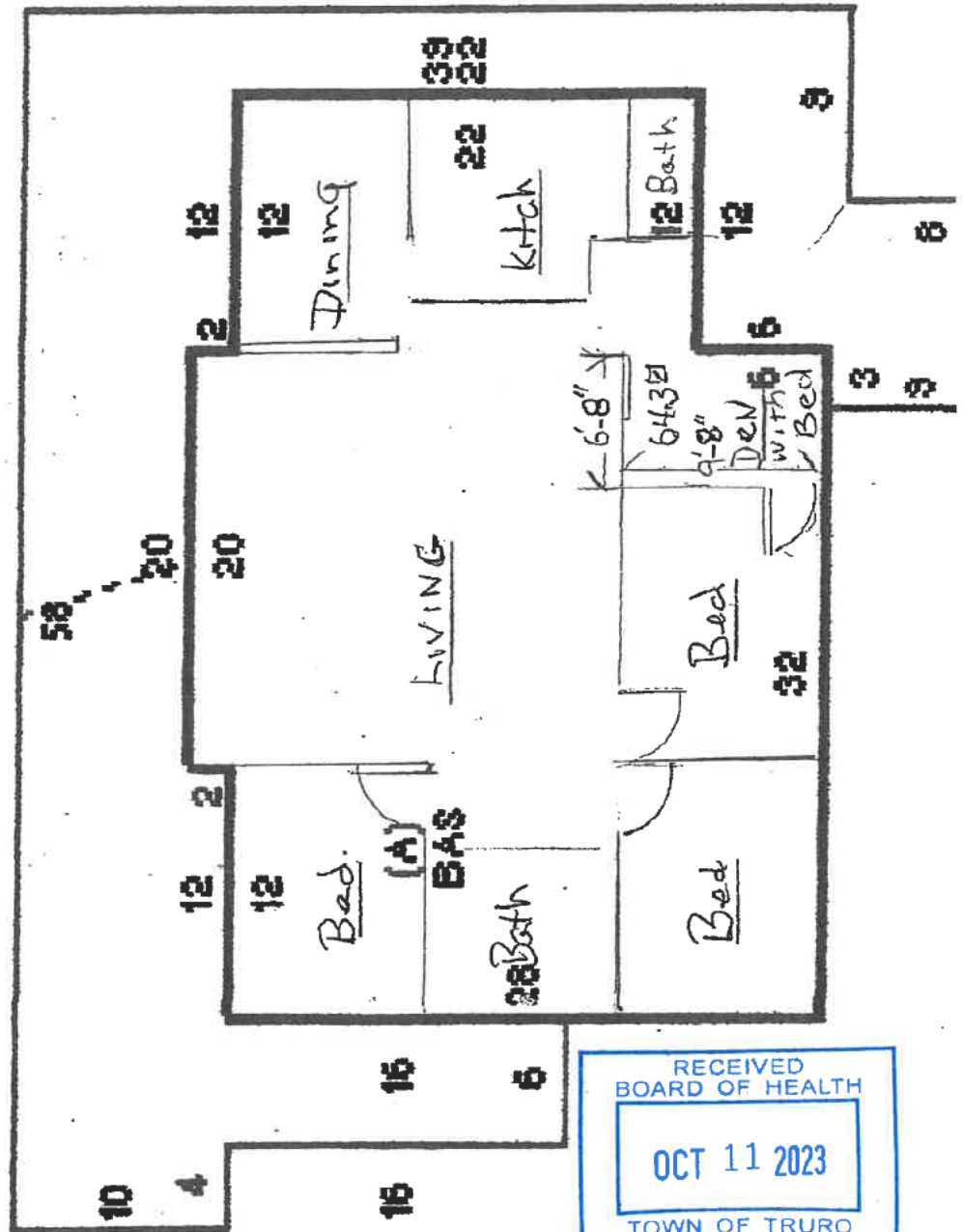
enc

cc: Harriet Meiss c/o Amy Ginsburg



Floor Plan
 37 Ryder Beach Rd
 Truro, Ma.
 MAP 63 Parcel 9
 OCT 20, 2022

(B) WDK



RECEIVED
 BOARD OF HEALTH
 OCT 11 2023
 TOWN OF TRURO
 MASSACHUSETTS

Fee: \$75.00



APPLICATION FOR BOARD OF HEALTH VARIANCES

Date: 9/6/22

Property Owner's Name: Harriet R. Meiss Trust

Mailing Address: 333 West 86th Street, Apt 705A New York, NY 10024

Address of Property: 37 Ryder Beach Road

Map and Parcel Number: Map # 63 Parcel # 9

Design Engineer/Sanitarian: Laura Schofield

Firm/Company Name: Schofield Brothers Phone #: 508.255.2098

Address: PO Box 101, Orleans, MA 02653

Please check type of variance requested:

☒ Title 5 Variance Request: Section Please see attached sheet

☐ Board of Health Variance Request: Section/Article Please see attached sheet

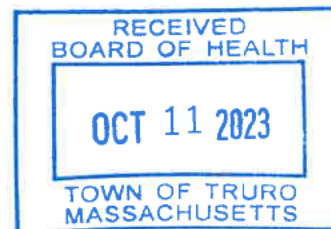
Laura Schofield
Signature (Representative)

7/10/23
Date

x Harriet R Meiss

x 9/11/22

Signature (Property Owner)



SCHOFIELD BROTHERS OF CAPE COD
Land Surveying and Environmental Permitting

Local upgrade approval requested pursuant to Title V, the State Environmental Code:

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Due to the entire property being located within a coastal wetland resource area (barrier beach and Land Subject to Coastal Storm Flowage), a variance from the Town of Truro Board of Health Regulations Section VI, Article 9 is required for the minimum setback distances for the septic tank and soil absorption system as follows:

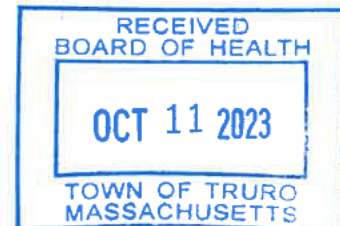
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0' provided from proposed septic tank and barrier beach and Land Subject to Coastal Storm Flowage.

Minimum setback distance between a soil absorption system (SAS) and a wetlands: 150 feet required.

0' provided between proposed SAS and barrier beach and Land Subject to Coastal Storm Flowage

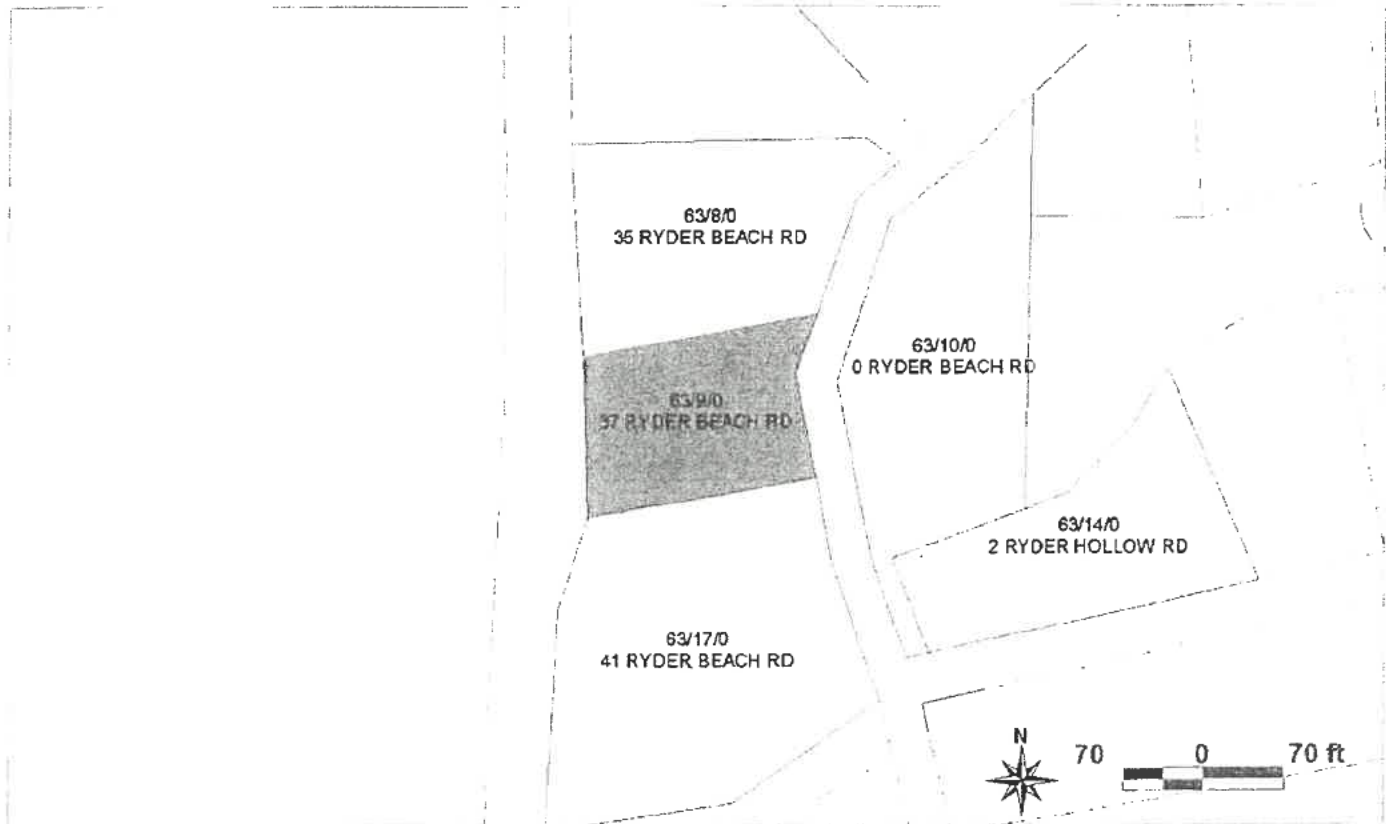
82' provided between SAS and shrub swamp



37 Ryder Beach Road
Map 63 Parcel 9
Board of Health

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

Custom Abutters List

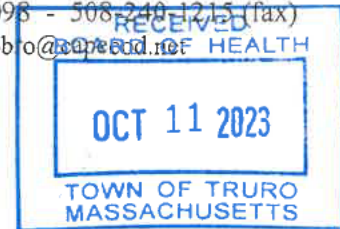


Key	Parcel ID	Owner	Location	Mailing Street	Mailing City	ST	Z	Cd/County
3624	63-8-0-R	35 RYDER BEACH ROAD LLC MGR: SPIEWAK LINDA P	35 RYDER BEACH RD	68 JARDIN CIR	SHELTON	CT		06484
3626	63-10-0-E	TOWN OF TRURO	0 RYDER BEACH RD	PO BOX 2030	TRURO	MA		02666-2030
3630	63-14-0-R	BERNSTEIN KIMBERLY S & BRADLEY	2 RYDER HOLLOW RD	146 LARCH RD	CAMBRIDGE	MA		02138
3633	63-17-0-R	SEXTON FAMILY NOM TR TRS: SEXTON JAMES A & MARY L	41 RYDER BEACH RD	PO BOX 1205	TRURO	MA		02666-1205



LG 7/11/2023

SCHOFIELD BROTHERS OF CAPE COD
Land Surveying & Environmental Permitting
161 Cranberry Highway
P.O. Box 101
Orleans, MA 02653-0101
508-255-2098 - 508-248-1215 (fax)
E-mail: schobro@capecod.net



October 5, 2023

RE: 37 Ryder Beach Road Septic System Upgrade

Dear Abutter;

You are being notified pursuant to the State Environmental Code, Title 5, and the Truro Board of Health Regulations that the Board of Health will hold a public hearing to hear requests for variances from applicable State and Local regulations for a septic system upgrade at the above referenced address. The variances requested are as follows:

Local upgrade approval requested pursuant to Title V, the State Environmental Code:

15.405(1)(b) An increase in the maximum allowable depth of system components required by 310 CMR 15.221(7) from 36" to 70" max for a portion of the soil absorption system.

15.405(1)(c) to allow a 25% reduction in the required subsurface disposal area design requirements.

Variances Requested from Town of Truro Board of Health Regulations

Section VI- Local Regulations to Supplement Title 5, State Environmental Code:

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Due to the entire property being located within a coastal wetland resource area (Barrier Beach and Land Subject to Coastal Storm Flowage), a variance from the Town of Truro Board of Health Regulations Section VI, Article 9 is required for the minimum setback distances for the septic tank and soil absorption system as follows:

Minimum setback distance between a septic tank and wetlands: 100 feet required.

0' provided from proposed septic tank and Barrier Beach and Land Subject to Coastal Storm Flowage.

Minimum setback distance between a soil absorption system (SAS) and a wetlands: 150 feet required.

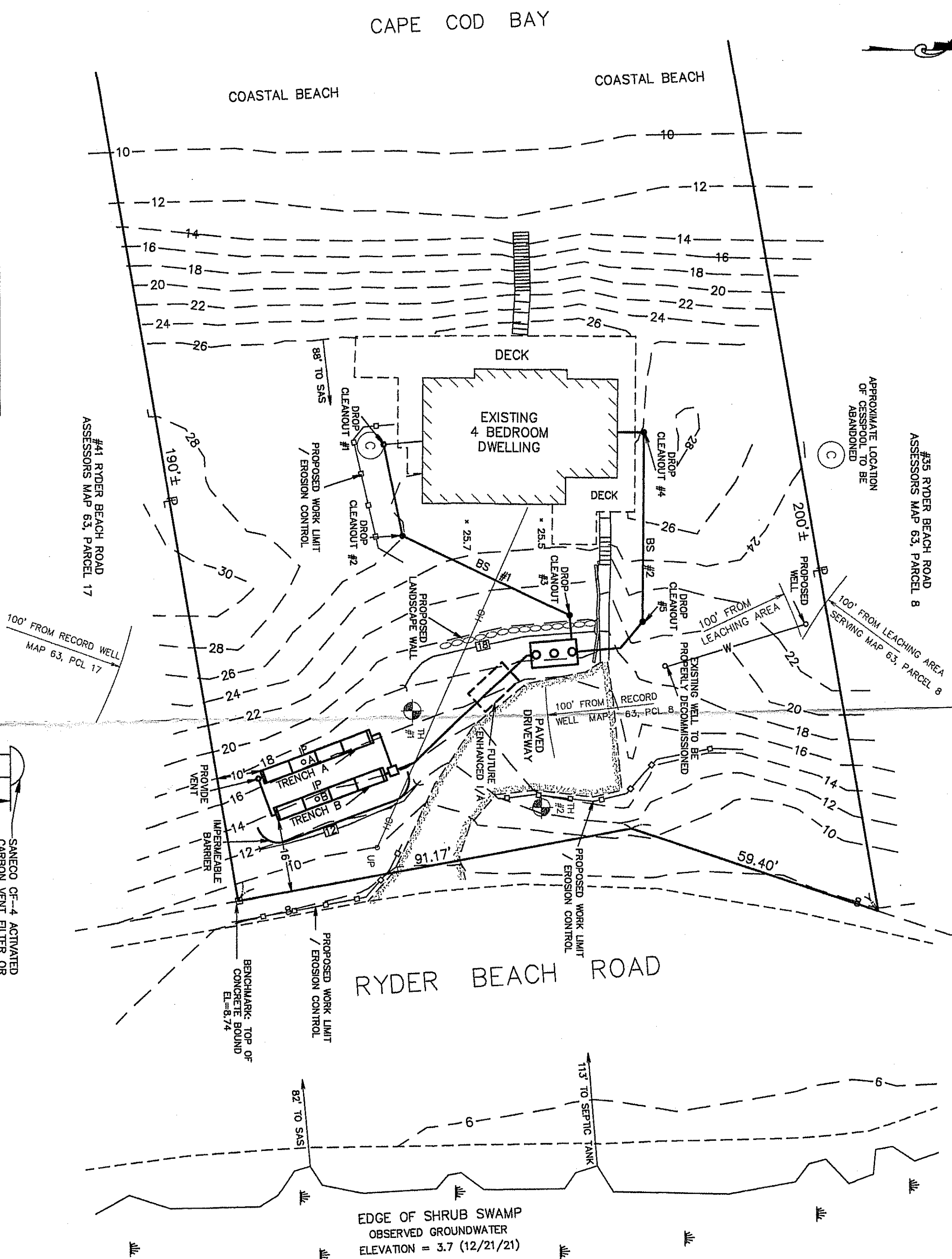
0' provided between proposed SAS and Barrier Beach and Land Subject to Coastal Storm Flowage

82' provided between SAS and shrub swamp

Copies of the site plan are on file at the Board of Health and may be viewed prior to the public hearing to be held on November 7, 2023. The variance hearing begins at 4:30 pm and will be held remotely.

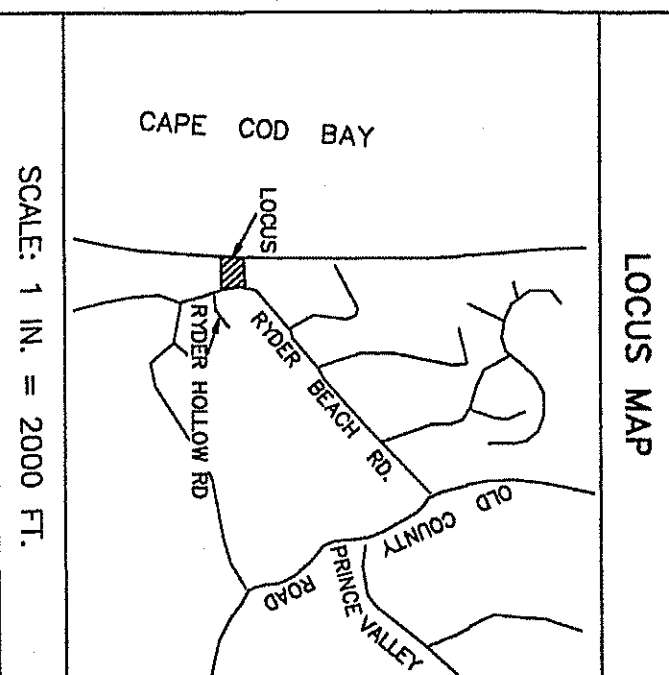
Remote Meeting Access Instructions: For citizens in Truro the meeting may be viewed on Channel 18. It may also be found at the Town web-site home page at www.Truro-ma.gov. "Truro Channel 18" is found under "Helpful Links". To view, click on the green "Watch" button. To provide comment remotely during the meeting, call 1-866-899-4679. Or you may access the meeting from your computer, tablet, or smartphone at <https://global.gotomeeting.com>. Please refer to the published meeting agenda at the Town of Truro website for access codes and further information.

PLOT PLAN
SCALE: 1 in. = 20 ft.
ASSESSOR'S MAP 63 PARCEL 9
LOT AREA: 26,572 ± SQUARE FEET

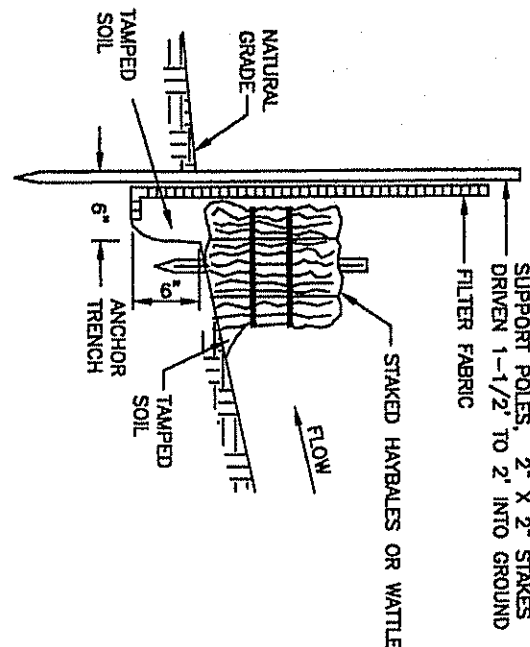


DEEP TEST HOLE OBSERVATION LOG #1									
DATE: APRIL 15, 2022									
HOLE ID: 12570									
PERFORATED BY: JIMMY SCORPIONE, BS, SS		WITNESSED BY: ANDREA DAVIS, THOM BIRD							
FORMATION / STRATA FROM (FT)	SOIL	SOIL	TESTING	SOIL	SOIL	SOIL	OTHER		
17.2-18.1	HERGON	HERGON	(USA)	(UNITED)	HERGON	HERGON	HERGON		
13.5-15.5	4E-132	CS	SAND	HERGON	HERGON	HERGON	HERGON		
PARENT GEOLOGICAL MATERIAL: CLAY, CLAYSTONE									
WATER FROM FACE: NO									
SPRING TO BENCHMARK:									
DEPTHS TO BENCHMARK:									
STATIONING WATER IN HOLE: NO									
FORMATION TEST: COMPRESSIVE STRENGTH, HIGH COMPRESSION AT $E_L = 4.8$ (WETLAND SLAY 7.7, 7.1; ADJUSTMENT)									
EVALUATED TEST:									

DEEP TEST HOLE OBSERVATION LOG #2									
DATE: APRIL 15, 2022		SHE: C-12379		PURCHASED BY: ARIZONA DAVIS, THOM BOH					
PERFORMED BY: LARRY SCHMIDT, R-G-SE									
DEPTH (FEET)	SOIL TYPE	SOIL COLOR	OTHER						
0-10	CLAY	(UNSATURATED)	MOISTURE						
10-15	SAND	100% S&G							
15-21	SAND	100% S&G							
FILLER: GRAVEL, UNWASHED, CLAY, CRUSHED				STANDARD WASH IN HOLE, 10" (DEPTH: 1-10)					
WEATHER FROM FACE: NA				DEPTH TO BEDROCK:					
REMARKS: 1. 10' OF TESTS AT 27', 24', 24' AND ASSIGNED IN S&G HOLE, FROM HOLE 2, 4' AND PRODUCTION TEST, TOP OF TESTS AT 27', 24', 24' AND ASSIGNED IN S&G HOLE, FROM HOLE 2, 4' AND									



SILT FENCE WITH STAKED HAYBALES OR WATTLE
SILT FENCE WITH STAKED HAYBALES
SEDIMENT BARRIER DETAIL



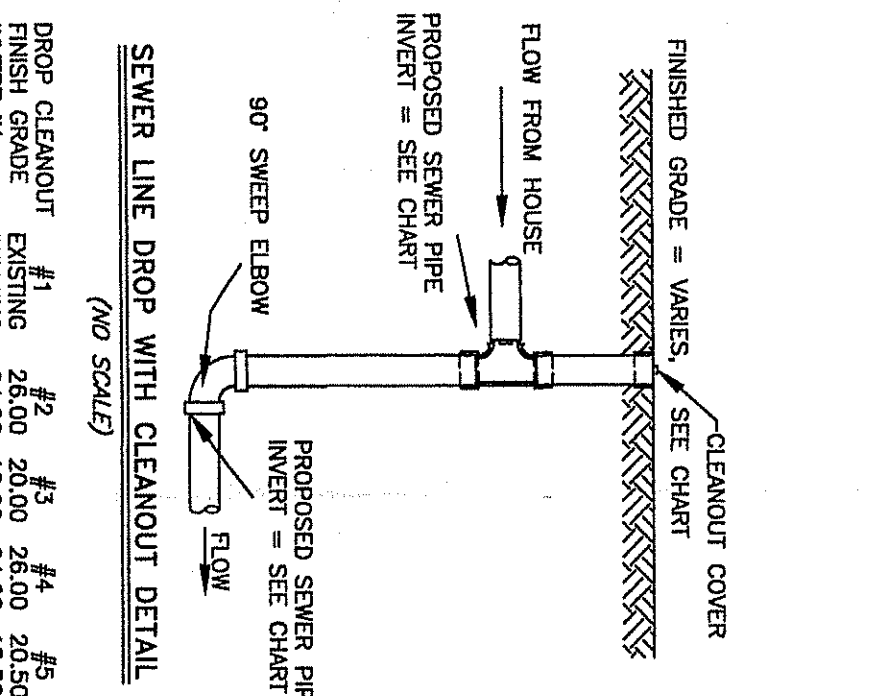
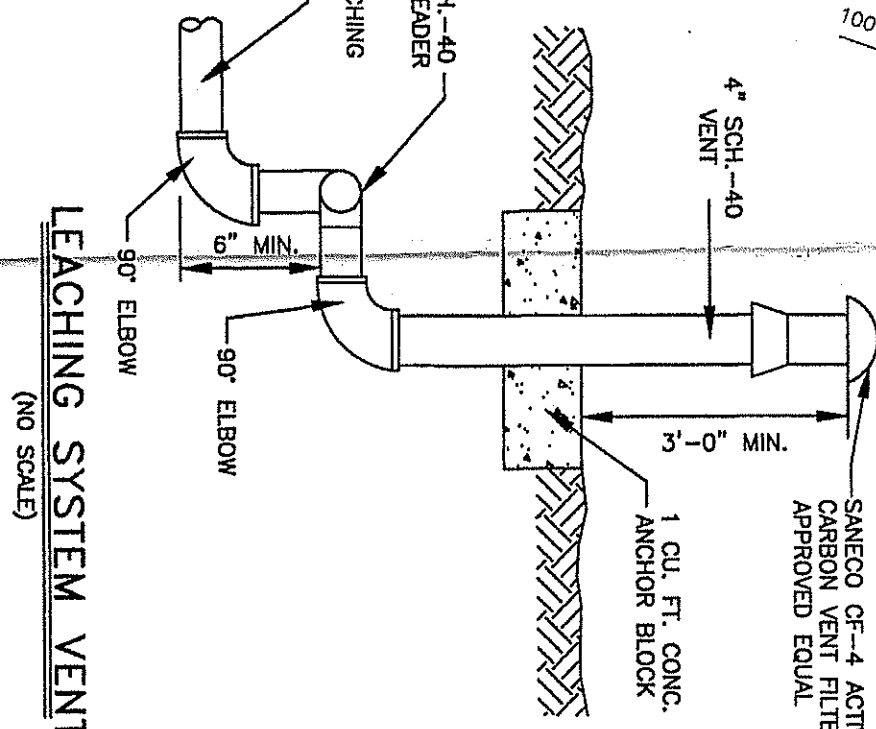
CONSTRUCTION & EROSION CONTROL NOTES

1. PRIOR TO ANY DISBURSANCE OF THE SITE, A STAKED SALT FENCE / LIMIT OF WORK SHALL BE INSTALLED IN THE LOCATION SHOWN. THE SALT FENCE SHALL REMAIN IN PLACE UNTIL THE SITE IS REVEGETATED FROM THE BARRIERS HAVE BEEN STABILIZED.
2. ALL DISPERSED AREAS NOT OTHERWISE DEVELOPED OR PLANNED AREAL STABILIZATION MEASURES OR LANDSCAPE PLANTINGS ARE NOT PROPOSED SHALL BE PLANTED WITH AMERICAN BEACH GRASS.
3. DURING THE SITE WORK, ALL PERSONS AND NEW SITE SYSTEM LAYOUT ARE TO BE LEFT UNDISTURBED. DURING THE SITE WORK, ALL PERSONS AND EQUIPMENT SHALL STAY OUT OF THESE AREAS AND PRESERVE AS MUCH EXISTING VEGETATION AS PRACTICAL.

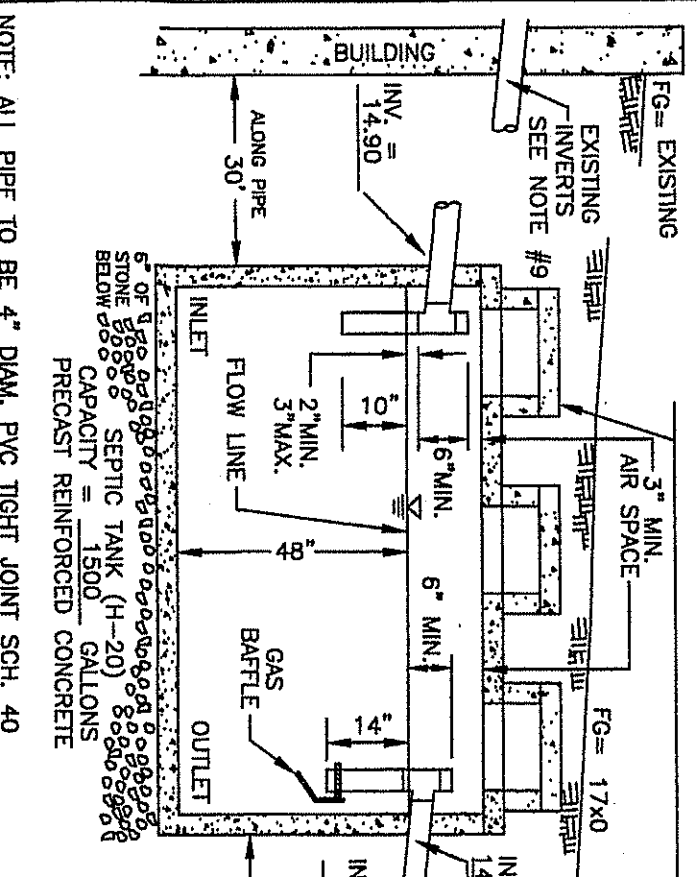
GENERAL NOTES (CONT.)

14. PLASTIC/MERMAINE INTERWEAVE BARRIER SHALL BE:
 - SUFFICIENT TENSILE STRENGTH TO WITHSTAND PERFORATION, INCLUDING CRACKING, TEARING, AND BREAKING;
 - SUFFICIENT STIFFNESS TO RESIST DEFORMATION, DURABILITY AND RESISTANCE TO THE TEMPERATURE AND MOISTURE CONDITIONS EXPECTED IN THE SUBSURFACE ENVIRONMENT; AND
 - INSTALLED WITHOUT GAPS OR HOLES AND NOT PERFORATED BY OBJECTS AFTER INSTALLATION.
15. TOP OF INTERWEAVE BARRIER SHALL BE +122 BOTTOM OF INTERWEAVE BARRIER = -8.0
16. CULTEC DESIGN PURSUANT TO MONROE CERTIFICATION FOR GENERAL USE PERMIT.
16. REEFPLANT ALL PLANTED AREAS WITH AMERICAN BEACH GRASS, AMMOPHILA BEACH GRASS, AND SPARTINA PATENS. PLANTING ROWS TO BE STAGGERED.
16. ENTIRE PARCEL IS WITHIN A BARRIER BEACH AND LAND SUBJECT TO COASTAL STORM FLOWAGE (VE (E) 15).

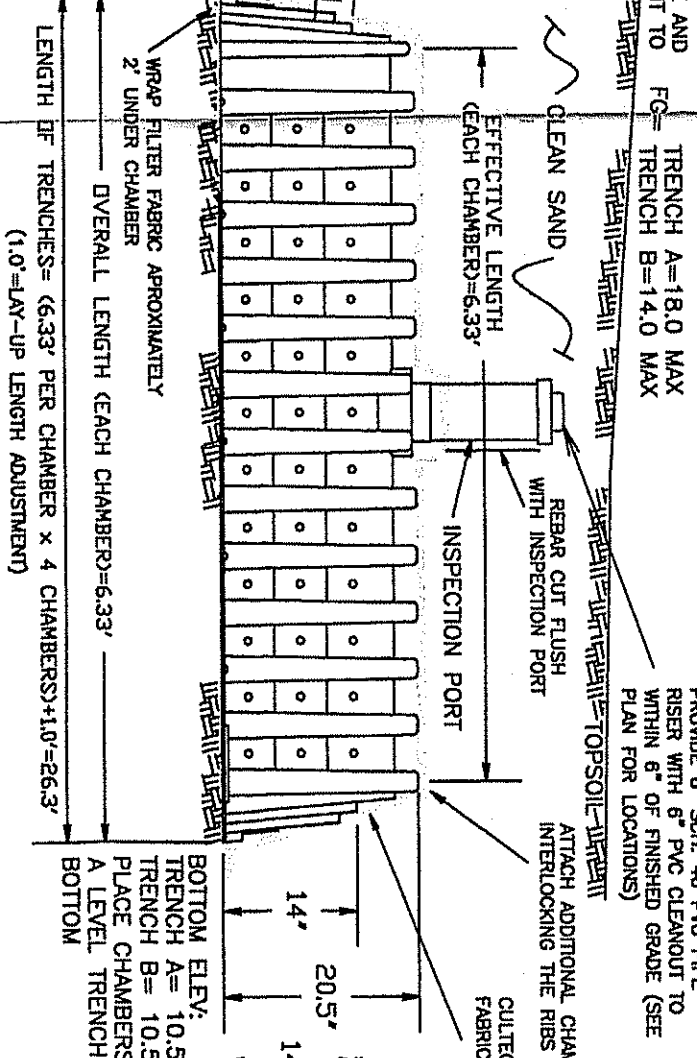
DESIGN CALCULATIONS



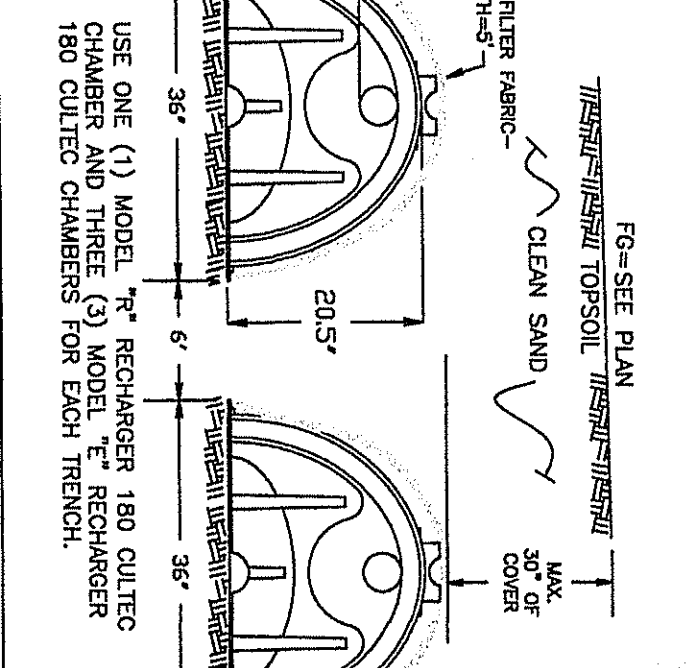
PROFILE OF SYSTEM - NO SCALE



TYPICAL LEACHING TRENCH CROSS SECTION - NO SCALE




PROFILE OF WRENCHES - NO SCALE



PROPOSED SEWAGE DISPOSAL SYSTEM

FOR: AN EXISTING FOUR BEDROOM COTTAGE
AT: 37 RYDER BEACH ROAD
TRURO, MASSACHUSETTS

ASSESSOR'S MAP: 63	PARCEL:
APPLICANT: HARRIET WEISS R TRUST 333 WEST & 86TH ST, APT. 705A NEW YORK, NY 10024	

DESIGNED BY: DRAIN LAS	DATE: OCTOBER 5, 2023
CHECKED BY: LAS	 <p> JOHN W. SCHOFIELD BROTHERS OF CAPE COD ENGINEERING SURVEYING - PAVING P.O. BOX 101, 161 CANNIBERY HIGHWAY ORLEANS, MA (508) 295-2098 </p>

Ryder & Wilcox

SURVEYING · ENGINEERING
HOME PLANNING & DESIGN

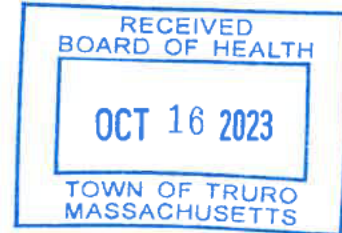
3 GIDDIAH HILL ROAD · P.O. BOX 439
SO. ORLEANS, MASSACHUSETTS 02662-0439
TEL: 508.255.8312 FAX: 508.240.2306
EMAIL: info@ryder-wilcox.com

October 16, 2023

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

V2023-26

Re: 11 Knowles Heights Road (Map 24, Parcel 5)



Dear Board Members,

On behalf of our clients, Joseph Siciliano and Larry Richardson, please reserve time at your November 7th hearing to consider a request for variances from 310 CMR 15.00 The State Environmental Code Title 5. The variances are being requested in order to allow the installation of a new Title 5 subsurface sewage disposal system (SDS) to serve the existing three-bedroom dwelling located at the above referenced property. The system is being installed as required by the Truro Board of Health Regulations Section 6, Article 3, Part 1h which defines cesspools as failed systems and requires the installation and certification of an upgraded Title 5 system by December 31, 2023. The existing system, which is composed of a single cesspool, will be pumped dry and filled with clean sand.

The parcel is located on the southwest side of Knowles Heights Road and directly abuts Cape Cod Bay to the southwest. A steep coastal bank is located on the southwest side of the property. The Site is developed with a one-story single-family dwelling, deck, and attached garage. The building is constructed on a poured concrete slab (no basement or crawlspace). Hardscaping includes stone walkways and a brick driveway. According to Assessor's records, the dwelling was constructed in 1974. The original cesspool is located on the seaward side of the building, approximately 15' from the top of coastal bank. The site is thickly vegetated with beach grass, mature trees, shrubs and groundcover.

A new Title 5 SDS is to be installed on the landward side of the dwelling and outside of the 100' Buffer. The 100' setbacks from the existing locus well and existing wells located across the street cover all but a very small area in the northerly corner of the property. Soil testing in this area shows clean sand with a percolation rate less than two minutes per inch. No groundwater was encountered; estimated depth to groundwater is greater than 50'. In this location, the proposed soil absorption system ("SAS") is located more than 150' from the coastal bank and complies with all required setback requirements. However, because the building is on a slab, the location of the building sewer cannot be changed. Maintaining gravity flow from the existing building sewer where it exits the building to the proposed SDS results in the proposed components being more than 36" below grade. As mitigation for the additional depth of cover, all components are specified to be H20-rated with inspection covers built up to within 6" of grade. The SAS will be vented in accordance with Title 5 requirements.

The following variances are requested:

310 CMR 15.00 The State Environmental Code Title 5

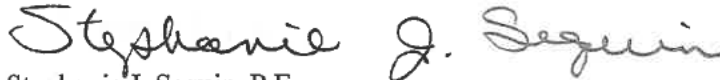
310 CMR 15.221(7)

"The top of all system components...shall be installed no more than 36" below grade."

The top of the proposed septic tank is approximately 5.7' below grade. (2.7' variance)
The top of the proposed distribution box is approximately 5' below grade. (2' variance)
The top of the proposed SAS is approximately 5.2' below grade. (2.2' variance)

I have included seven (7) sets of the following: Application for Board of Health Variances, an engineered site plan, a Certified List of Abutters, the Abutter's Notice, floor plans, and a check for \$75.00. Please feel free to contact this office if you require any additional information.

Sincerely,


Stephanie J. Sequin, P.E.

cc: Siciliano/Richardson
Job #13213



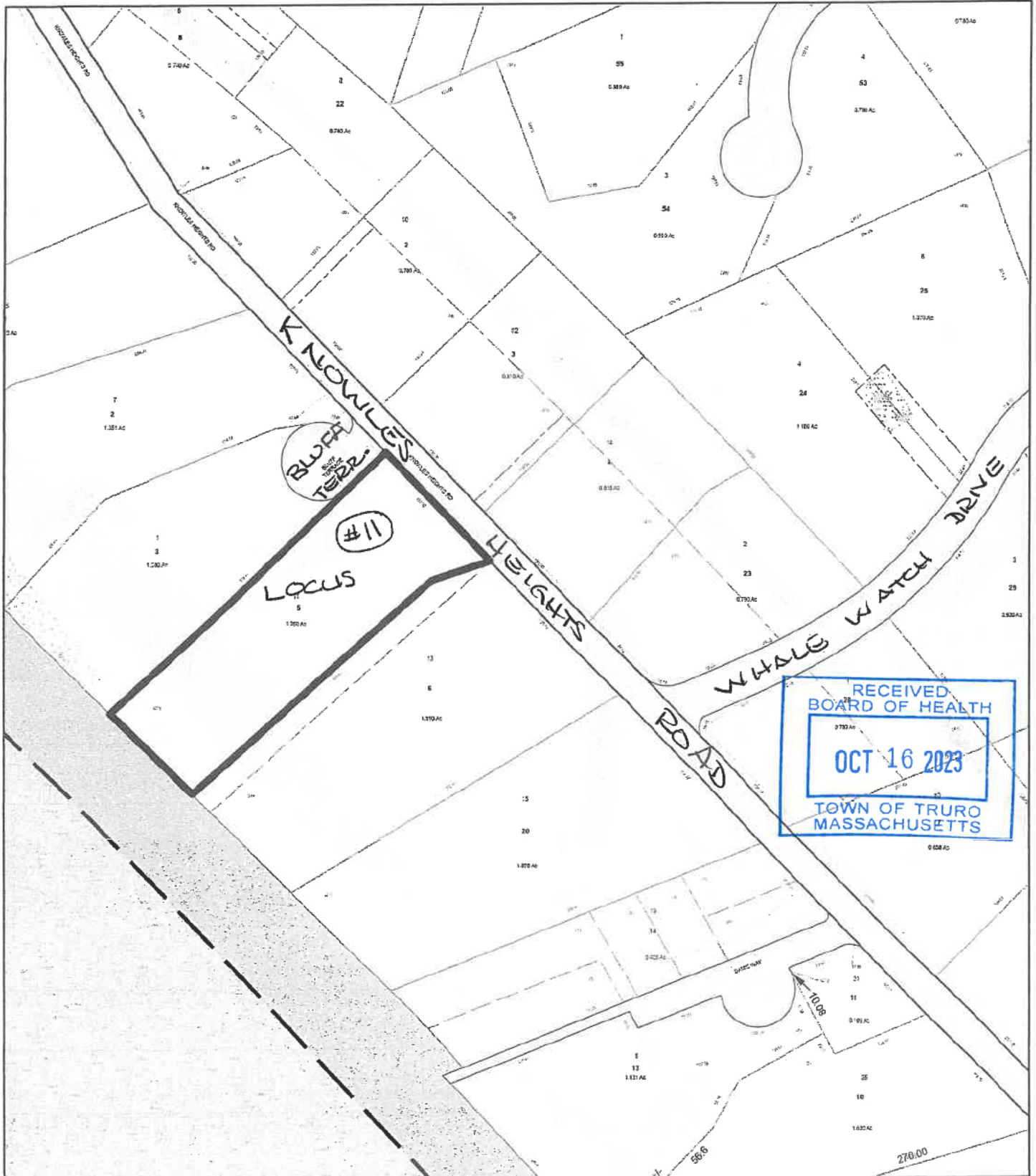
Town of Truro, MA

1 inch = 140 Feet



www.cai-tech.com

October 14, 2023



Data shown on this map is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this map.

Fee: \$75.00



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

APPLICATION FOR BOARD OF HEALTH VARIANCES

Date: 10/16/23

Property Owner's Name: Siciliano/Richardson Family Nominee Trust

Mailing Address: Box 593 N. Truro, MA 02652

Address of Property: 11 Knowles Heights Road

Map and Parcel Number: Map # 24 Parcel # 5

Design Engineer/Sanitarian Stephanie J. Sequin, P.E.

Firm/Company Name: Ryder & Wilcox, Inc. Phone #: 508-255-8312

Address: Box 439 S. Orleans, MA 02662

Please check type of variance requested:

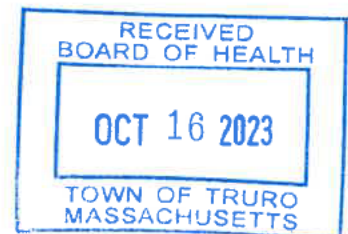
☒ Title 5 Variance Request: Section 15.221 (7) - Depth of cover greater than 36"

☐ Board of Health Variance Request: Section/Article _____

Stephanie J. Sequin
Signature (Representative)

4 Oct 23 10/16/23
Date

[Signature]
Signature (Property Owner)



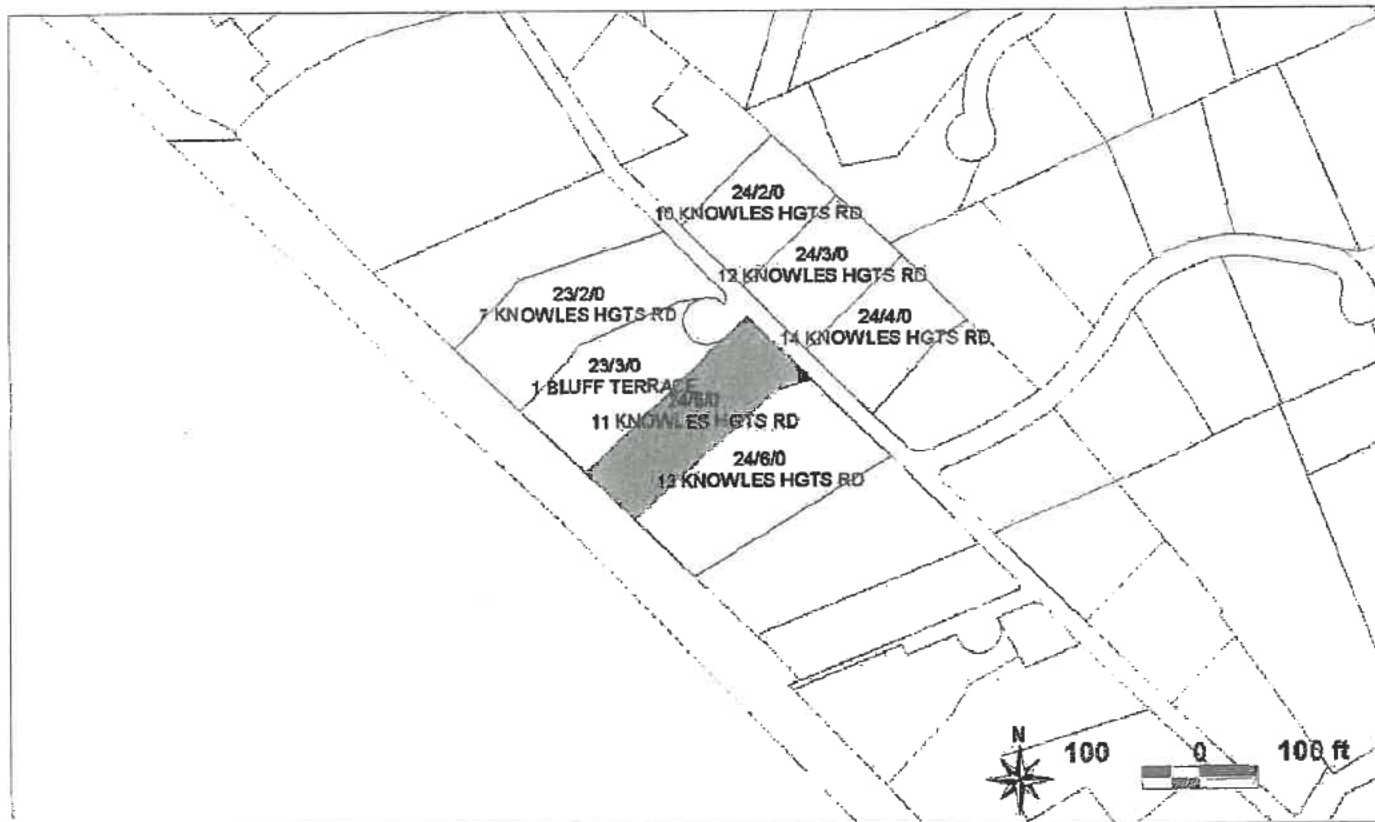
11 Knowles Heights Road

Map 24 Parcel 5

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	Zip Cd/Country
6866	23-2-0-R	JUDITH BETTUA TRUST TRS: BETTUA JUDITH	7 KNOWLES HGTS RD	10680 SOUTH OCEAN DRIVE UNIT 1001	JENSEN BEACH	FL	34957
6867	23-3-0-R	677 WORCESTER STREET TRUST TRS: MARGARITA RUDYAK	1 BLUFF TERRACE	776 BOYLSTON ST, UNIT PH2D	BOSTON	MA	02199
596	24-2-0-R	MCNEIL RAYMOND JOHN & LANDERS JUDITH ANN	10 KNOWLES HGTS RD	15 NORTHWAY ST	HOLLISTON	MA	01746
597	24-3-0-R	SERAFINI LINDA A & WELSH CATHY E	12 KNOWLES HGTS RD	86 HAMMOND ST	ACTON	MA	01720-3225
598	24-4-0-R	14 KNOWLES HEIGHTS RD RLTY TR TRS: LIVINGSTON ALLAN F JR &	14 KNOWLES HGTS RD	281 SO MAIN ST	ANDOVER	MA	01810
600	24-5-0-R	KNOWLES ROAD NOMINEE TR TRS: DANIKOW ELI JR	13 KNOWLES HGTS RD	1606 SOUTH DRIVE	SARASOTA	FL	34239-5037

LG 10/3/23

Ryder & Wilcox

SURVEYING · ENGINEERING
HOME PLANNING & DESIGN

3 GIDDIAH HILL ROAD · P.O. BOX 439
SO. ORLEANS, MASSACHUSETTS 02662-0439
TEL: 508.255.8312 FAX: 508.240.2306
EMAIL: info@ryder-wilcox.com

October 16, 2023

Re: Proposed septic system upgrade
11 Knowles Heights Road - Truro, Mass. (Assrs. Map 24 Pcl. 5)

Dear Abutter:

You are being notified pursuant to the State Environmental Code Title 5 and the Truro Board of Health Regulations that the Board of Health will hold a public hearing to hear requests for variances from applicable State and/or Local regulations. The variances are being requested to allow the installation of a sewage disposal system to replace an existing cesspool serving an existing dwelling.

A copy of the letter requesting a hearing is enclosed. Copies of the Site Plan will be on file with the Board of Health by October 27th and may be viewed prior to the public hearing to be held on November 7, 2023. Variance hearings begin at 4:30 P.M. The estimated time of the hearing for this project may be obtained by contacting the Health Department at 508-214-0920.

The meeting will be held remotely. The meeting can be viewed on Channel 18 and on the homepage of the Town of Truro website. Instructions for remote participation will be made available on the Town of Truro website, or by contacting the Health Department.

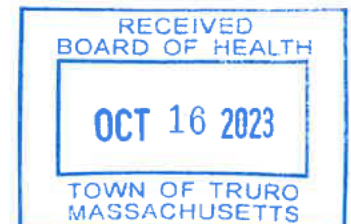
Sincerely,

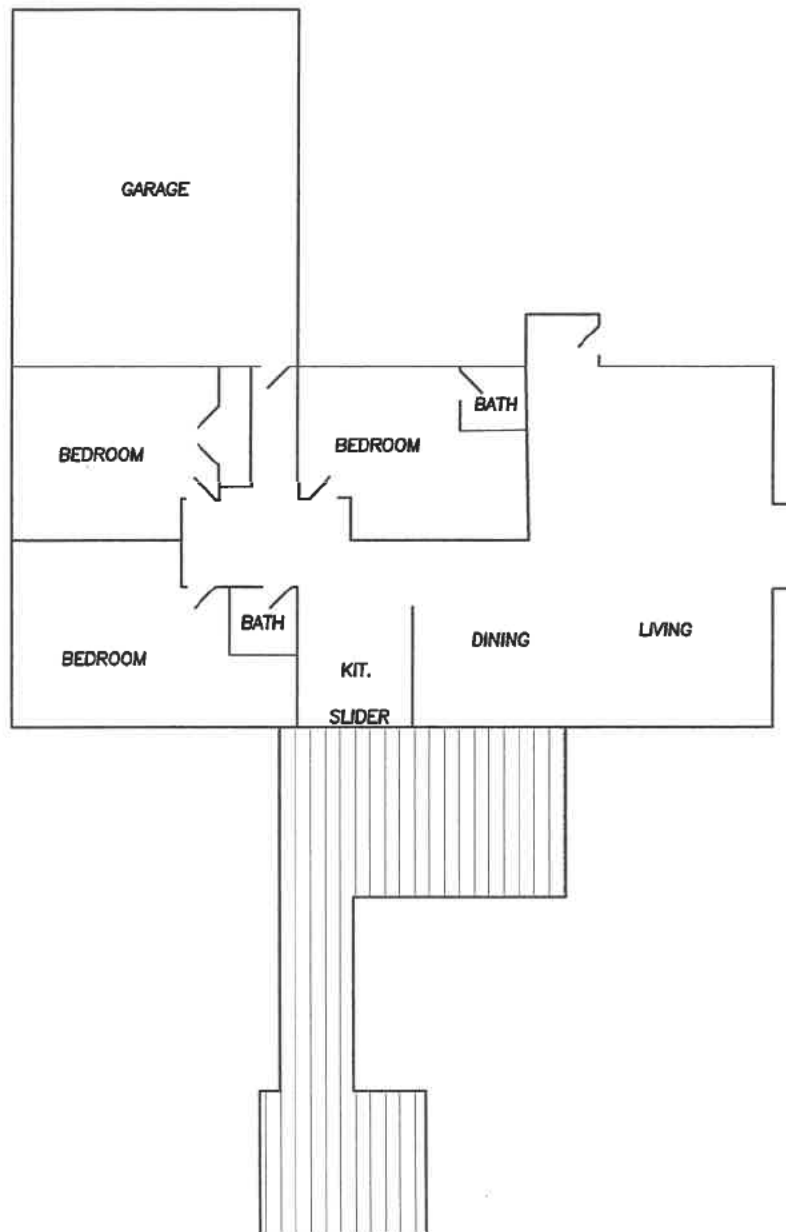


Stephanie J. Sequin, P. E.

cc: Siciliano/Richardson

Job #13213





NOTE: DIMENSIONS ARE APPROXIMATE.
THIS SKETCH IS FOR DETERMINING TOTAL
BEDROOM COUNT FOR SEPTIC SYSTEM
SIZING ONLY AND IS NOT INTENDED FOR
ANY OTHER USE.

FLOOR PLAN SKETCH

11 Knowles Heights Road - Truro, MA (ASSR'S. MAP 24, PARCEL 5)

Ryder & Wilcox, Inc., P.E. & P.L.S.

3 Ciddiah Hill Rd.

P.O. Box 439

So. Orleans, MA 02662

Scale: 1/16" = 1'

Date - 10/16/2023

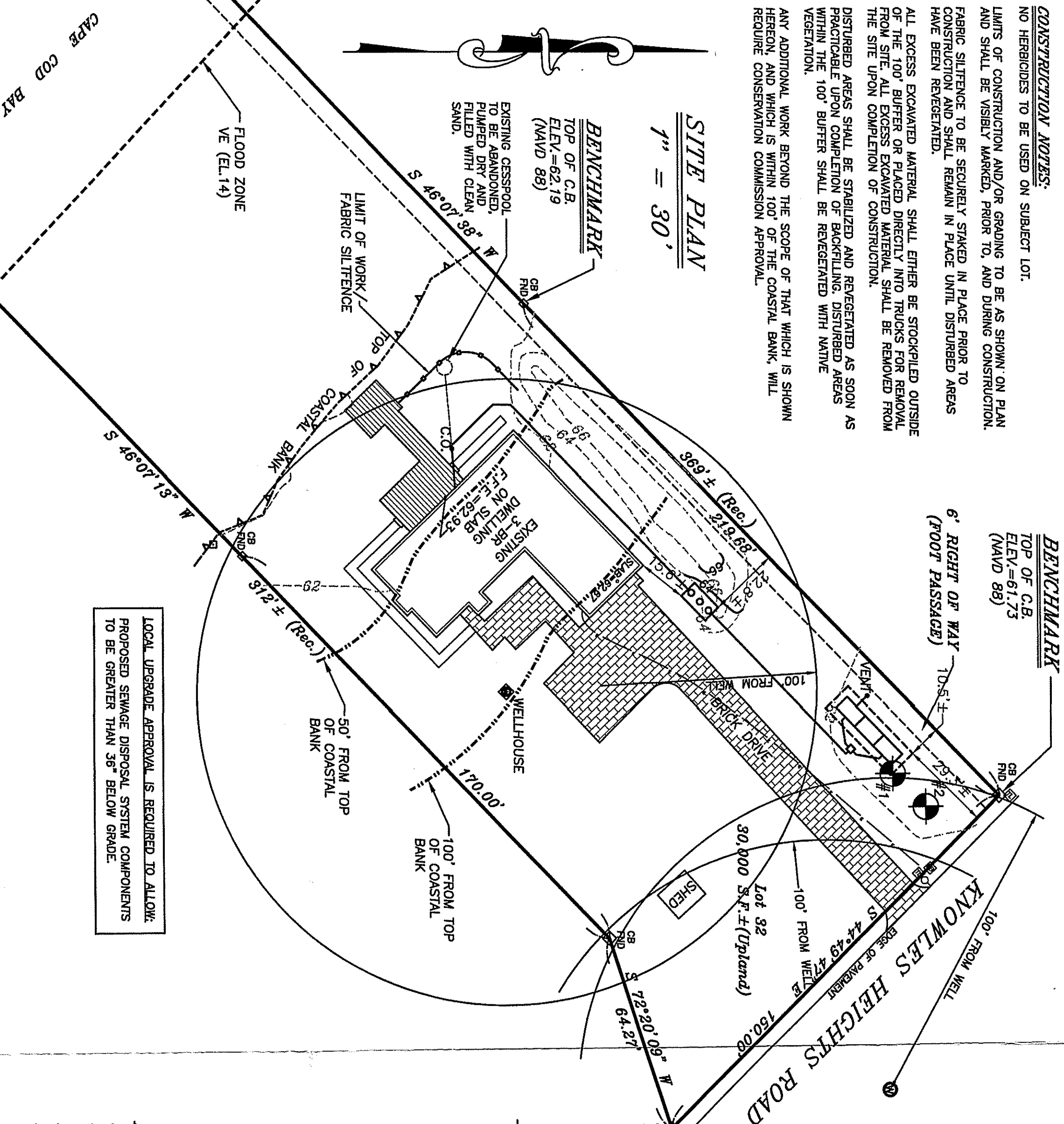
Job No. 13213

CONSTRUCTION NOTES:

NO HERBICIDES TO BE USED ON SUBJECT LOT.
LIMITS OF CONSTRUCTION AND/OR GRADING TO BE AS SHOWN ON PLAN AND SHALL BE VISIBLY MARKED, PRIOR TO, AND DURING CONSTRUCTION. FABRIC SILTENCE TO BE SECURELY STAKED IN PLACE PRIOR TO CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL DISTURBED AREAS HAVE BEEN REVEGETATED.
ALL EXCESS EXCAVATED MATERIAL SHALL EITHER BE STOCKPILED OUTSIDE OF THE 100' BUFFER OR PLACED DIRECTLY INTO TRUCKS FOR REMOVAL FROM SITE. ALL EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE UPON COMPLETION OF CONSTRUCTION.
DISTURBED AREAS SHALL BE STABILIZED AND REVEGETATED AS SOON AS PRACTICABLE UPON COMPLETION OF BACKFILLING. DISTURBED AREAS WITHIN THE 100' BUFFER SHALL BE REVEGETATED WITH NATIVE VEGETATION.
ANY ADDITIONAL WORK BEYOND THE SCOPE OF THAT WHICH IS SHOWN HEREON, AND WHICH IS WITHIN 100' OF THE COASTAL BANK, WILL REQUIRE CONSERVATION COMMISSION APPROVAL.

SITE PLAN

1" = 30'



LEGEND

- TEST HOLE LOCATION
- EXISTING CONTOUR
- PROPOSED CONTOUR
- SEPTIC TANK (H20)
- DISTRIBUTION BOX (H20)
- 30' X 10' X 2' ABSORPTION CHAMBER SYSTEM (H20)
- CONCRETE BOUND
- CLEANOUT TO GRADE

TEST HOLE DATA

DATE OF TEST HOLES: 8/1/2023
NO WATER ENCOUNTERED
INSP. BY: D. QUINN (R&W), C. WARREN (HEALTH DEPT)

No. 1			
DEPTH (IN)	SOIL HORIZON	SOIL TEXTURE	ELEVATION (FT.)
0 - 3	O	FIBRIC	61.8 - 61.5
3 - 8	E	MEDIUM SAND	61.5 - 61.1
8 - 16	B1	LOAMY SAND	61.1 - 60.5
16 - 30	B2	LOAMY SAND	60.5 - 59.3
30 - 156	C	MEDIUM-FINE SAND	59.3 - 48.8

No. 2			
DEPTH (IN)	SOIL HORIZON	SOIL TEXTURE	ELEVATION (FT.)
0 - 2	O	FIBRIC	61.8 - 61.6
2 - 8	E	MEDIUM SAND	61.6 - 61.1
8 - 16	B1	LOAMY SAND	61.1 - 60.5
16 - 32	B2	LOAMY SAND	60.5 - 59.1
32 - 123	C	MEDIUM-FINE SAND	59.1 - 51.5

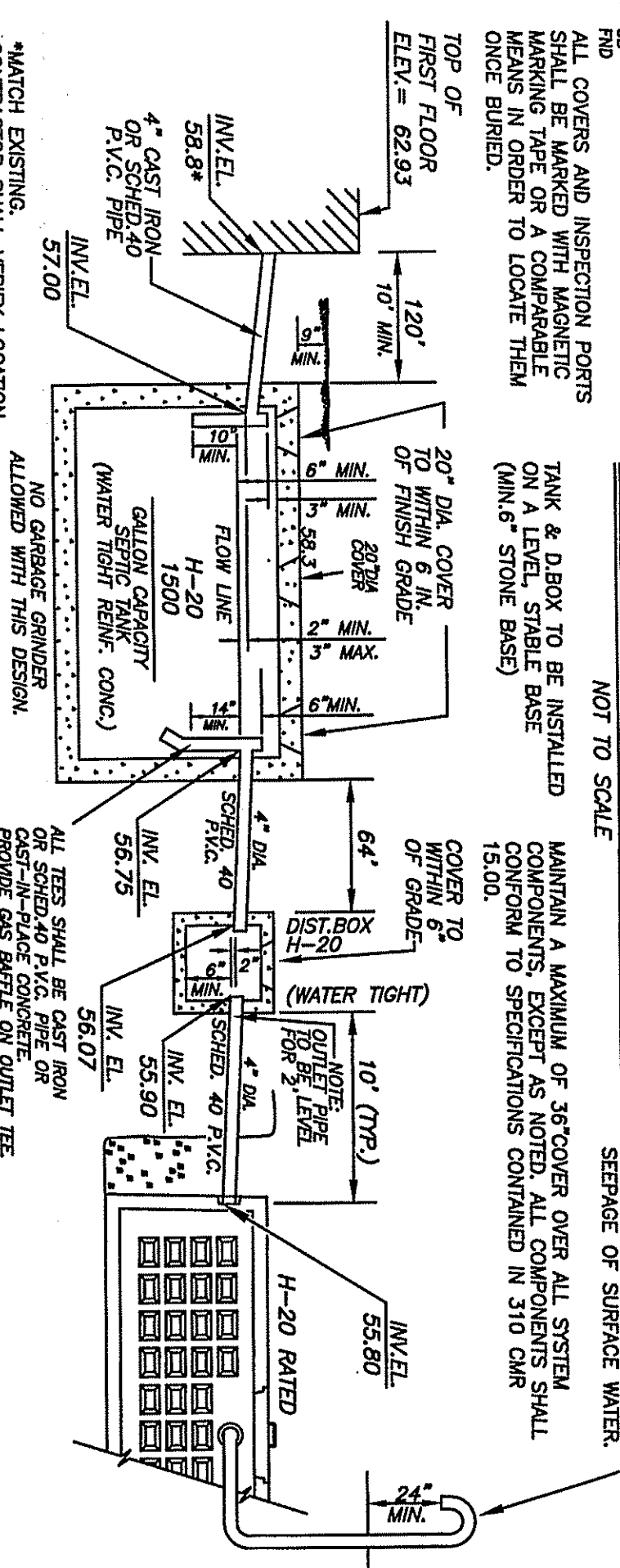
TOP OF PERC AT 44" (G-LAYER) <2MIN./IN.

GENERAL NOTES:

1. SYSTEM IS DESIGNED IN ACCORDANCE WITH "COMMONWEALTH OF MASS., DEPT. OF ENVIRONMENTAL PROTECTION, 310 CMR 15.00; THE STATE ENVIRONMENTAL CODE, TITLE 5: STANDARD REQUIREMENTS FOR THE SITING, CONSTRUCTION, INSPECTION, UPGRADE, AND EXPANSION OF ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS" AND THE TOWN OF TUBRO REGULATIONS, EXCEPT AS NOTED.
2. NO WELLS OR WATER SUPPLIES ARE KNOWN TO EXIST WITHIN 100 FEET OF THE PROPOSED SOIL ABSORPTION SYSTEM. ALL WELLS KNOWN TO EXIST WITHIN 150 FT. OF THE SYSTEM ARE SHOWN.
3. PRIOR TO BACKFILLING COMPLETED SYSTEM, NOTIFY THE ENGINEER AND THE HEALTH DEPARTMENT FOR INSPECTION. PROVIDE 24 HOURS (MIN.) NOTICE.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
5. ANY CHANGES TO THIS PLAN MUST BE APPROVED BY THE BOARD OF HEALTH.
6. NO RESERVE AREA IS PROVIDED. A REPLACEMENT SYSTEM SHALL BE INSTALLED IN PLACE. (REFERENCE DEP'S POLICY DATED 1/3/96)

TYPICAL SYSTEM PROFILE

NOT TO SCALE



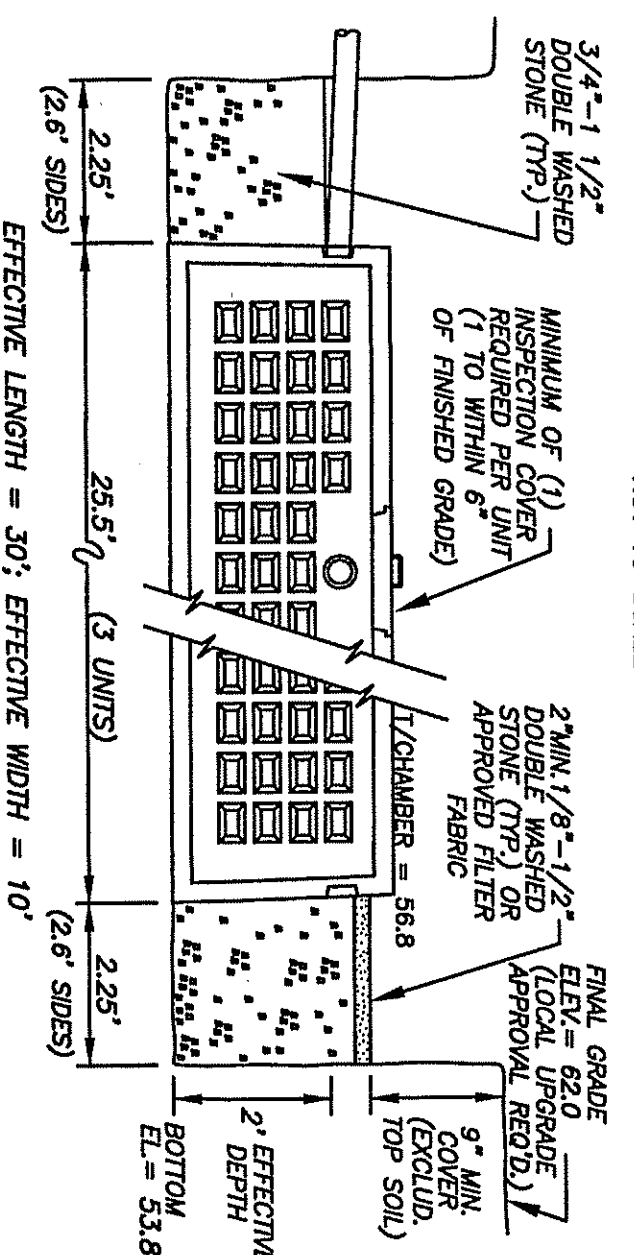
*MATCH EXISTING. CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL EXISTING WASTE PIPES PRIOR TO INSTALLING ANY COMPONENTS. NOTIFY ENGINEER WITH ANY DISCREPANCY.

DESIGN DATA

NUMBER OF BEDROOMS: 3
ESTIMATED DAILY EFFLUENT: 330 GPD
TOTAL LEACHING AREA AS PROPOSED: 160 SF
SIDEWALL: 2(L+W) x D = 300 SF
BOTTOM: L x W = 300 SF
LEACHING CAPACITY AS PROPOSED: (EFFLUENT LOADING RATE = 0.74 GPD/SF)
SIDEWALL: 160 X 0.74 = 118.4
BOTTOM: 300 X 0.74 = 222.0
TOTAL = 340 GPD

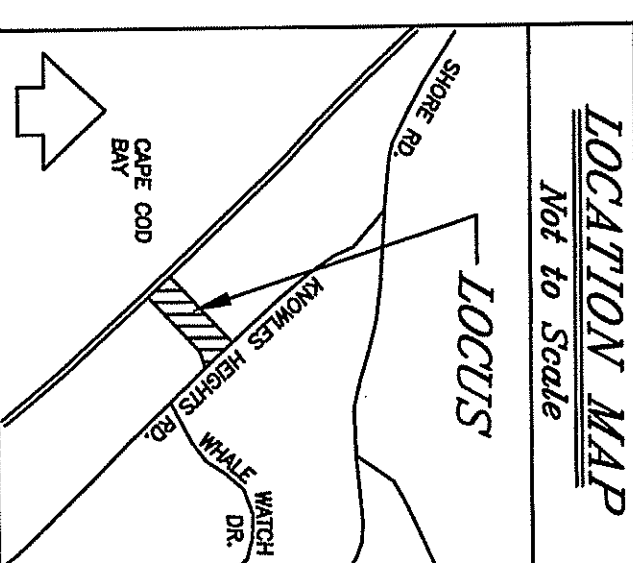
ABSORPTION CHAMBER DETAIL (H-20)

(500-GAL. MACME PRECAST* UNITS H-20 RATED, OR EQUAL)
NOT TO SCALE



LOCATION MAP

Not to Scale



ASSR'S. MAP 24, PARCEL 5
LCP 11740-P

PROPOSED ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM

Prepared for: Joe Siciliano & Larry Richardson
Location: 11 Knowles Heights Road - Tyuro, MA

Ryder & Wilcox, Inc., P.E. & P.L.S.
3-Citadiah Hill Rd.
Seymour, CT 06488

Scale: 1" = 30'
Drawn by sfs
Date - 10/9/2023
Tel: (508) 255-8312
Fax: (508) 240-2306

Job No. 13213

PAID
2972

Fee: \$75.00

✓2023-27

TRURO HEALTH &
CONSERVATION DEPARTMENT
34 Town Hall Road, Truro 02668**APPLICATION FOR BOARD OF HEALTH WAIVER OF TIME**

BOH Reg. Section VI, Article 3(1)a. Required Upgrade Upon Property Transfer

HEALTH DEPARTMENT
TOWN OF TRURO

OCT 24 2023

RECEIVED BY:

Date: 10/23/23 Board of Health Hearing Date: 11/7/23

Address of Property: 6 Second Landing Way

Map & Parcel: 45-43-0

Anticipated Date of Property Transfer: 11/15/24

Length of Time Requested to Complete Upgrade:

Design Engineer/Engineer: JC Engineering

Phone #: 508-237-0377

SELLER'S INFORMATION:

Seller/Property Owner's Name: Susan Dimotta

Mailing Address: 87 Jefferson Street Nyack NY 10960

Phone #: [REDACTED] Fax: [REDACTED] Email: [REDACTED]

Seller's R.E. Broker: Patricia Lemme KG Phone #: [REDACTED]

Email: [REDACTED]

BUYER'S INFORMATION:

Buyer's Name: Anson Wright

Mailing Address: 77 Inman St. Cambridge MA 02139

Phone #: [REDACTED] Fax: [REDACTED] Email: [REDACTED]

Buyer's R.E. Broker: Jorie Fleming Phone #: [REDACTED]

Email: [REDACTED]

Please attach the following to this form: (1) a narrative explaining why you can't comply with Section VI, Article 3(1)a. Required Upgrade Upon Property Transfer, and (2) a statement from your engineer/designer, stating that they have been retained by the seller/buyer to complete the Title 5 upgrade.

Signed by:

Signature (Property Owner)

10/18/2023

Date

Signature (Buyer)

Anson Wright

Date

10-20-2023

6 Second Landing Way

1 message

Susan betti-dimotta [REDACTED]
To: plemme@kinlingrover.com

Thu, Oct 19, 2023 at 6:16 PM

Dear Committee Members,

After nearly 40 years of owning property in Truro it is time for me focus on one home, my home in New York. My health and age now make the 5 hour drive to Corn Hill difficult and my home's location is very isolated from family and friends. The new owner has agreed to install the septic which only makes sense since I don't know what plans there may be to create a new footprint for the property.

I shall miss my beautiful home and view. But my family and I have fabulous memories.

Thank you for your contribution to the Town.

Sincerely,

Susan Betti-DiMotta

HEALTH DEPARTMENT
TOWN OF TRURO

OCT 24 2023

RECEIVED BY:



CERTIFICATE OF ANALYSIS

Barnstable County Health Laboratory (M-MA009)

Report Prepared for:

Patty Lemme
2548 Route 6
Wellfleet, MA, 02667

Order #: G23000900**Report Dated:** 6/1/2023**Description:** Real Estate - 6 Second
Landing**Laboratory ID#:**

Sample #: G23000900-001

Collection Address: 6 Second Landing Way, Truro, MA

Sample Location: 6 Second Landing

Matrix:

Sampled: 6/1/2023 08:00:00 By: PL

Received: 6/1/2023 10:40:00 By: rsilva

Turn Around: Standard

Analysis for residential well testing

ITEM	RESULT	UNITS	RL	MCL	METHOD #	ANALYST	TESTED	TIME
Nitrate	0.29	mg/L	0.10	10	EPA 300.0	CL	6/1/2023	
Copper	0.27	mg/L	0.10	1	EPA 200.8	CL	6/6/2023	13:27
Iron	ND	mg/L	0.10	0.3	EPA 200.8	CL	6/6/2023	13:27
Manganese	0.15	mg/L	0.025	0.05	EPA 200.8	CL	6/6/2023	13:27
Sodium	25	mg/L	2.5	20	EPA 200.8	CL	6/6/2023	13:27
Total Coliform	Absent	Present/Absent	0	0	SM9223B	RL	6/1/2023	15:55
Conductance	180	umhos/cm	2.0		EPA 120.1	RS	6/1/2023	12:30
pH	6.2	pH AT 25C	N/A		SM 4500-H-B	RS	6/1/2023	12:30

Sample Results Summary :

Based on the results of the parameters tested, the water is suitable for drinking, but may present aesthetic problems (taste, odor, staining) due to manganese. The sodium concentration exceeds the MassDEP guideline (ORSG) limit and those on a low sodium diet may wish to consult a physician.

HEALTH DEPARTMENT
TOWN OF TRURO

OCT 24 2023

RECEIVED BY:

ND = None Detected

RL= Reporting Limit

MCL= Maximum Contaminant Level

MDL = Minimum Detection Limit



CERTIFICATE OF ANALYSIS

Barnstable County Health Laboratory (M-MA009)

Report Prepared for:

Order #: G23000900

Patty Lemme
2548 Route 6
Wellfleet, MA, 02667

Report Dated: 6/1/2023

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Collection Address: 6 Second Landing Way, Truro, MA

Sample Location: 6 Second Landing

Matrix:

Sampled: 6/1/2023

08:00:00

By: PL

Received: 6/1/2023

10:40:00

By: rsilva

Turn Around: Standard

VOLATILE ORGANIC COMPOUND (VOC) analysis

Analyzed: 6/2/2023

Analyst: LX

Parameter	Result ug/L	MCL ug/L	MDL ug/L	Parameter	Result ug/L	MCL ug/L	MDL ug/L
Benzene	ND	5	0.29	CARBON TETRACHLORIDE	ND	5	0.11
1,1-DICHLOROETHYLENE	ND	7	0.22	1,2-DICHLOROETHANE	ND	5	0.30
PARA-DICHLOROBENZENE	ND	5	0.26	TRICHLOROETHYLENE (TCE)	ND	5	0.24
1,1,1-TRICHLOROETHANE	ND	200	0.13	VINYL CHLORIDE	ND	2	0.27
MONOCHLOROBENZENE	ND	100	0.27	O-DICHLOROBENZENE	ND	600	0.24
TRANS-1,2-DICHLOROETHYLENE	ND	100	0.26	CIS-1,2-DICHLOROETHYLENE	ND	70	0.27
1,2-DICHLOROPROPANE	ND	5	0.31	ETHYLBENZENE	ND	700	0.29
STYRENE	ND	100	0.29	TETRACHLOROETHYLENE (PCE)	ND	5	0.21
TOLUENE	ND	1000	0.24	XYLENES (TOTAL)	ND	10000	0.50
DICHLOROMETHANE	ND	5	0.29	1,2,4-TRICHLOROBENZENE	ND	5	0.25
1,1,2-TRICHLOROETHANE	ND	5	0.36	CHLOROFORM	ND	70	0.29
BROMODICHLOROMETHANE	ND		0.32	CHLORODIBROMOMETHANE	ND		0.24
BROMOFORM	ND		0.26	M-DICHLOROBENZENE	ND		0.26
DIBROMOMETHANE	ND		0.31	1,1-DICHLOROPROPENE	ND		0.16
1,1-DICHLOROETHANE	ND	70	0.36	1,1,2,2-TETRACHLORO	ND		0.17
1,3-DICHLOROPROPANE	ND		0.26	CHLOROMETHANE	ND		0.34
BROMOMETHANE	ND	10	0.43	1,2,3-TRICHLOROPROPANE	ND		0.15
1,1,1,2-TETRACHLOROETHANE	ND		0.23	CHLOROETHANE	ND		0.37
2,2-DICHLOROPROPANE	ND		0.29	O-CHLOROTOLUENE	ND		0.29
P-CHLOROTOLUENE	ND		0.27	BROMOBENZENE	ND		0.24
1,3-DICHLOROPROPENE	ND	0.4	0.30	1,2,4-TRIMETHYLBENZENE	ND		0.22
1,2,3-TRICHLOROBENZENE	ND		0.17	N-PROPYLBENZENE	ND		0.20
N-BUTYLBENZENE	ND		0.17	NAPHTHALENE	ND	140	0.16
HEXACHLOROBUTADIENE	ND		0.19	1,3,5-TRIMETHYLBENZENE	ND		0.21
P-ISOPROPYLTOLUENE	ND		0.16	ISOPROPYLBENZENE	ND		0.19
TERT-BUTYLBENZENE	ND		0.19	SEC-BUTYLBENZENE	ND		0.18
FLUOROTRICHLOROMETHANE	ND		0.09	DICHLORODIFLUOROMETHANE	ND	1400	0.18
BROMOCHLOROMETHANE	ND		0.25	METHYL TERTIARY BUTYL ETHER (MTBE)	ND	70	0.21

VOC Surrogates

Compound	Recovery (%)	Low Limit	High Limit
p-Bromofluorobenzene	82.8	70	130
1,2-Dichlorobenzene-d4	76.3	70	130

Approved By: Dan White

On: 6/13/2023

ND = None Detected

RL = Reporting Limit

MCL = Maximum Contaminant Level

MDL = Minimum Detection Limit

320-29

RE-SIGNED WITH CHANGES:

FOR THE TOWN PLANNING BOARD

DATE: N.N. 10, 1977

N. OR. F. LEROY E LIPPINCOTT ET UX

FEB 15 1978

MARKETABLE COUNTY
REGISTRY OF DEEDS
STEPHEN DEAN'S
REGISTER

Area = 6.47 Ac. ±
(including Lot 8 and
excluding Lot 7A)

Area = 26,292 Sq. Ft. ±
= 0.603 Ac. ±

Area = 33,818 Sq. Ft. ±
= 0.776 Ac. ±
(including Lot 7A)

Area = 33,766 Sq. Ft. ±
= 0.775 Ac. ±

Area = 22,618 Sq. Ft. ±
= 0.519 Ac. ±

Area = 25,660 Sq. Ft. ±
= 0.589 Ac. ±

Area = 43,487 Sq. Ft. ±
= 0.998 Ac. ±

Area = 42,691 Sq. Ft. ±
= 0.980 Ac. ±

Area = 51,530 Sq. Ft. ±
= 1.182 Ac. ±

Area = 0.56 Ac. ±

PLAN OF LAND IN TRURO
made for DIANE B. LAFRANCE
D.B.A.

CORN HILL COTTAGES

BEING A RESUBDIVISION OF LOTS 5, 8, 9 & 10 AS SHOWN
ON A PLAN RECORDED WITH THE BARNS. CO. REG. OF DEEDS,
PLAN BK. 248, PG. 35.

SCALE: 1 IN. = 60 FT.
SEPT. 1977
REGISTERED LAND SURVEYORS
EAST MAIN STREET AT ROUTE 6, WELFLEET, MASSACHUSETTS. 02667



I HEREBY CERTIFY THAT I HAVE CONFORMED
WITH THE RULES AND REGULATIONS OF THE
REGISTERS OF DEEDS IN PREPARING THIS
PLAN.
DATE: OCT. 12, 1977
REGISTERED LAND SURVEYOR

APPROVAL UNDER THE SUBDIVISION
CONTROL LAW, NOT REQUIRED.

HEALTH DEPARTMENT
TOWN OF TRURO
DATE: Oct. 13, 1977 FOR REGISTRY USE

OCT 24 2023

RECEIVED BY:

SEE Plan
Plan
BOOK 477 PAGE 78

BOOK 320 PAGE 29

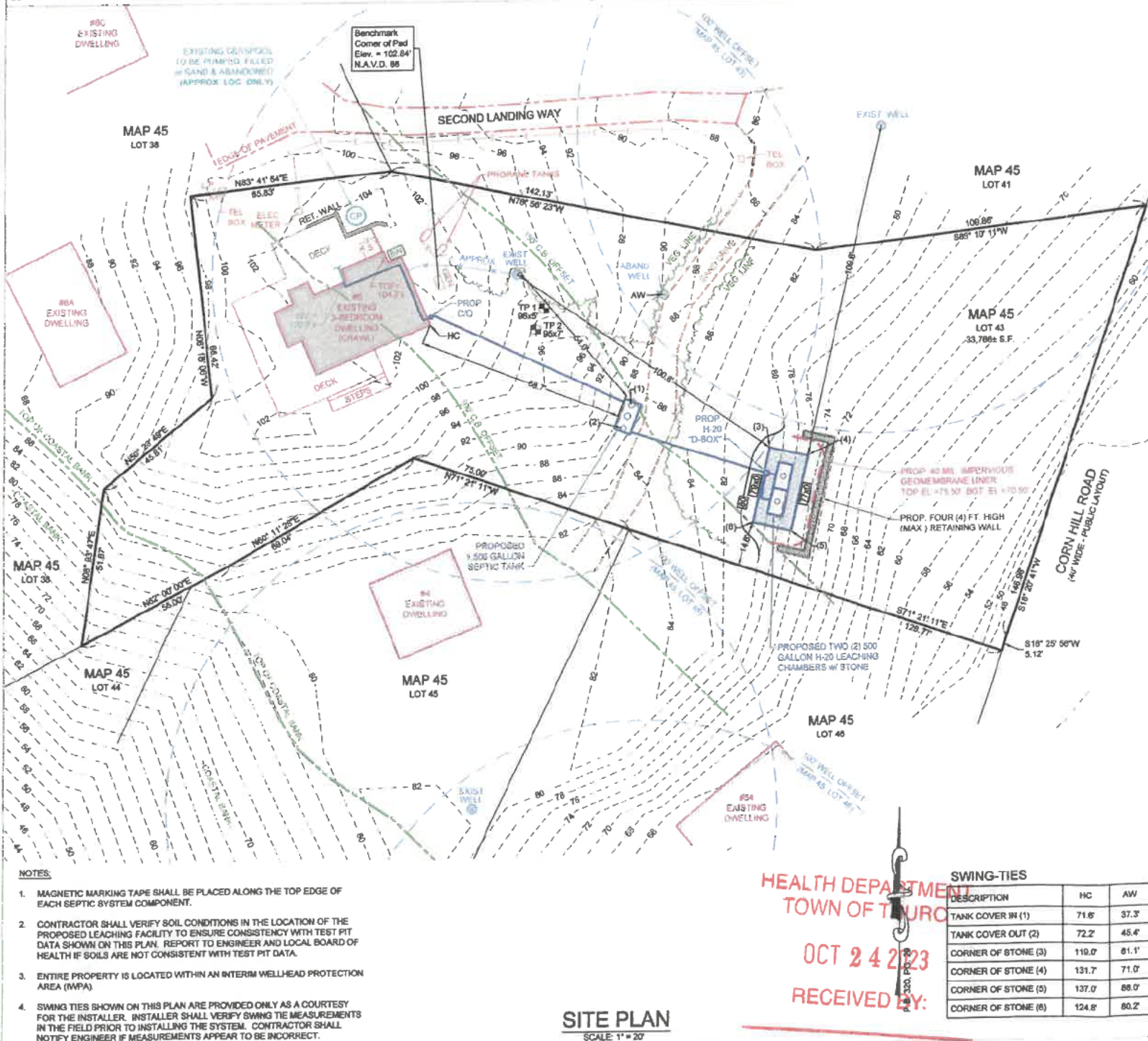
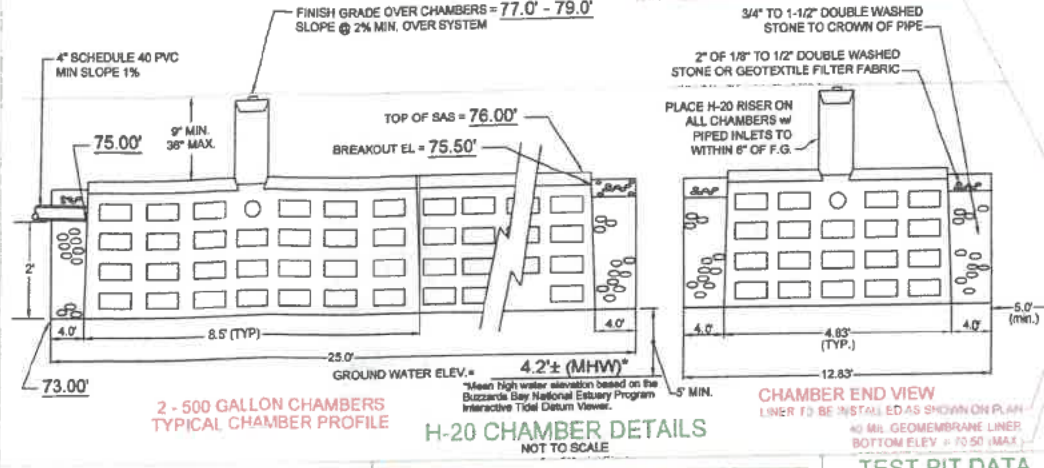
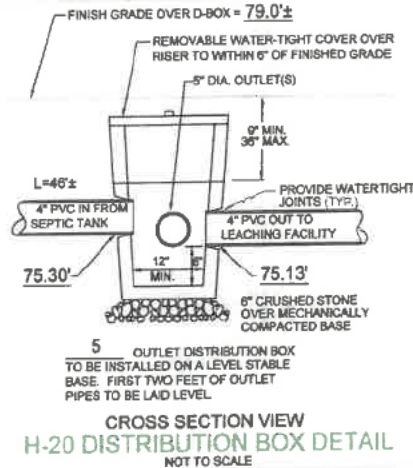
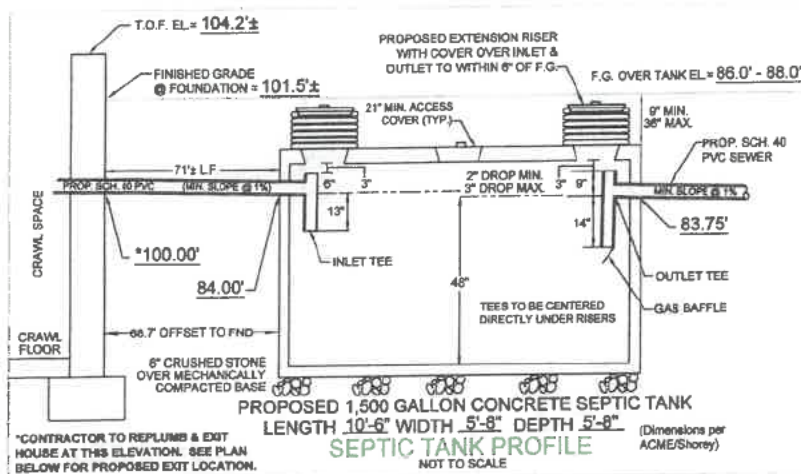
OFFICIAL
CENTRAL
PENIN
ROSE
AUSTIN
HILL
CORN
ROAD

DC 320 PAGE 32

CAPE

COOD

BAY



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 2 - 500 GAL. CHAMBERS w/ STONE

SIDEWALL CAPACITY
(LENGTH x WIDTH) (2 SIDES) (2' HIGH) (0.74 GPD/S.F.) = GAL/DAY
(25'0" x 12.63') (2) (2') (0.74 GPD/S.F.) = 112.0 GAL/DAY

BOTTOM CAPACITY
(LENGTH x WIDTH) (0.74 GPD/S.F.) = GAL/DAY
(25'0" x 12.63') (0.74 GPD/S.F.) = 237.4 GAL/DAY

TOTALS:

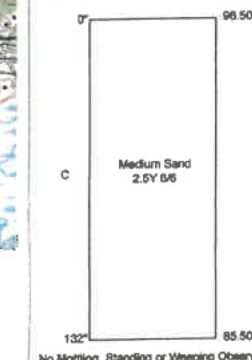
TOTAL NUMBER OF CHAMBERS	2
TOTAL LEACHING AREA	472.2 SQ. FT.
TOTAL LEACHING CAPACITY	349.4 GAL/DAY

SWING-TIES

DESCRIPTION	HC	AW
TANK COVER IN (1)	71.8'	37.3'
TANK COVER OUT (2)	72.2'	45.4'
CORNER OF STONE (3)	119.0'	81.1'
CORNER OF STONE (4)	131.7'	71.0'
CORNER OF STONE (5)	137.0'	88.0'
CORNER OF STONE (6)	124.8'	80.2'

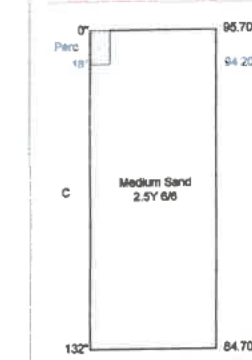
TEST PIT DATA

PERC NO.	N/A
INSPECTOR:	Courtney Warren (BOH)
EVALUATOR:	Michael Pimental, EIT, CSE
C.S.E. APPROVAL DATE:	Oct. 27, 1999
DATE:	January 28, 2023
TEST PIT #:	1
ELEV TOP =	95.50'
ELEV WATER =	< 85.50'
PERC RATE =	
DEPTH OF PERC =	
TEXTURAL CLASS:	I



TEST PIT DATA

PERC NO.	N/A
INSPECTOR:	Courtney Warren (BOH)
EVALUATOR:	Michael Pimental, EIT, CSE
C.S.E. APPROVAL DATE:	Oct. 27, 1999
DATE:	January 28, 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



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.
- 4" 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 = 75.50' FOR A DISTANCE OF 15' AROUND THE PERIMETER OF THE SAS. UNLESS A 40 MIL GEOMEMBRANE LINER IS PLACED 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 WATER TIGHT.
- NO DETERMINATION HAS BEEN MADE AS TO COMPLIANCE WITH DECEDED 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 15.25(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 DIMOTTA
ADDRESS: 87 JEFFERSON STREET
NYACK, NY 10960
FEMA FLOOD ZONE: X
COMMUNITY PANEL # 25001C0136J
- 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.

LEGEND

50.0'	EXISTING SPOT GRADE
50.0'	EXISTING CONTOUR
50.0'	PROPOSED CONTOUR
50.0'	PROPOSED SPOT GRADE
GAS	EXISTING GAS LINE
	EXISTING UNDERGROUND ELECTRIC LINE
	EXISTING WATER LINE
	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

REV.	DATE	BY	APPD.	DESCRIPTION
<p>PROPOSED SEPTIC SYSTEM UPGRADE</p> <p>PREPARED FOR: ROBERT B. OUR CO., INC.</p> <p>LOCATED AT: 6 SECOND LANDING WAY TRURO, MA 02666</p> <p>SCALE: 1 INCH = 20 FT. DATE: APRIL 7, 2023</p> <p>PREPARED BY: JC ENGINEERING, INC. 2854 CRANBERRY HIGHWAY EAST WAREHAM, MA 02538 508.273.0377</p> <p>Drawn By: MCP Designed By: MCP Checked By: JLC JOB No. 6704</p>				

Minutes of the Truro Board of Health, Tuesday October 3, 2023

This was a remote meeting.

Board members in attendance:

Chair Tracey Rose, Vice Chair Jason Silva; Board Members: Helen Grimm, Tim Rose; Absent: Board member Brian Koll, Alternate Member Candida Monteith
Also Present: Health Agent Emily Beebe.

The meeting was called to order at 4:30 pm by the Chair, who described the remote meeting procedures and the process for public participation.

Public Comment: There was no public comment.

Proposed Stormwater Management bylaw- Discussion on possible recommendation to the Town Meeting: A Stormwater Management Bylaw is on the October 21, 2023 Special Town Meeting Warrant. This bylaw establishes the concept to the population and performance standard to the Town and residents that rainwater be recharged on-site to prevent stormwater runoff.
Motion: Board member Helen Grimm made a motion to endorse the Stormwater Bylaw recommendation as presented; Second: Board member Jason Silva; Vote: 4-0-0; the motion passed.

Proposed change of on-site manager-: White Village Condominium, Pamela Beshold, new on-site manager; Deborah Bonneau. Harry Palmer, a representative of the White Village Condominium, provided the Board members with an update on the Condominium management. The former on-site manager passed away and the co-manager sold their unit. An annual inspection was conducted in September, and no significant issues were reported. The Health Agent recommended approval. Chair Tracey Rose reminded the new managers of the expectations set forth by the Board of Health for condominium managers. **Motion: Board member Jason Silva moved to approve the request. Second: Board member Tim Rose; Vote: 4-0-0; the motion passed.**

Local Variance Request: 6 Katherine Road, Anne Marshall Trustee, The Anne E Marshall 1999 Revocable Trust. Bob Reedy from JM O'Reilly & Associates was on the call to represent the Marshalls. This property is in the Wellfleet Harbor watershed area which has a nitrogen TMDL. The plans depict an enhanced I/A system and the only variance being requested is to the distance between the SAS and the wetlands. The Agent supported the proposed upgrade plan. Chair Tracey Rose asked about the number bedrooms in the dwelling, a higher count was indicated on the assessor's card. Based on a walk-through of the dwelling, the Health department determined that this was a 3-bedroom home. **Motion: Board member Tim Rose moved to approve the plan as presented; Second: Board member Jason Silva; Vote: 4-0-0; the motion passed.**

Cesspool Upgrade program: Discussion about enforcement schedule and strategy.

The Health Agent shared a sketch of "Cesspool Upgrade Compliance" buckets with the Board. There are four different buckets shown to represent different levels of property compliance status. Bucket number #1 includes properties with valid permits to install the upgraded systems;

Bucket number #2 includes properties that will be under ACOs. The action item associated for these buckets would be to finalize these legal documents.

Bucket number #3 shows property owners who have established a good faith relationship with an engineer, but do not yet have plans, or permitted plans. The action items for the number-3 bucket includes establishing milestone dates for plan completion, permitting and installation.

Bucket number #4 includes property owners that have not made any progress towards upgrading their system. The action item for bucket #4 includes issuance of a final certified order to correct. The Agent asked the Board for their recommendations about timing for the milestones to have plans completed and installed. Board member Jason Silva agreed that extensions should be granted to those who have been making progress towards upgrading. He also added that there can be extenuating circumstances causing people to not have acted on the upgrade requirement. Board member Tim Rose added that he believes those people who are permitted should be given a 6–8-month waiver of time and those who have contracted engineers should be given a year to upgrade.

Board member Helen Grimm asked whether enforcement would include condemning property. The Agent responded that any Court action will be issued by the housing court, and could result in condemnation, but the court would establish their own timeframes for compliance. The Chair asked for timing recommendations from the staff and stated that a rapid issuance of the Orders for Bucket number #4 is important.

The Agent suggested that the next meeting include discussion of milestone schedules, and they would draft updated correspondence to the remaining property owners.

The Board had a schedule to adhere to, regarding an executive session at 5:30 with Town Counsel, Gregg Corbo and continued reports to the next agenda.

Minutes: September 5, 2023; there was no discussion. **Motion:** Board member Tim Rose moved to approve the September 5, 2023 minutes as presented; **Second:** Board member Jason Silva; **Vote:** 4-0-0; the motion passed.

Board member Tim Rose moved to adjourn the meeting; Second: Board member Jason Silva; Vote: 5-0-0, the motion passed.

The meeting was adjourned at 5:33 P.M.

Minutes submitted by EB

Minutes of the Truro Board of Health, Tuesday October 17, 2023

This was a remote meeting.

Board members in attendance:

Chair Tracey Rose, Vice Chair Jason Silva; Board Members: Board Members Brian Koll and Tim Rose; Alternate Member Candida Monteith; Absent: Helen Grimm;

Also Present: Assistant Town Manager Kelly Clark, Health Agent Emily Beebe, Assistant Health Agent Courtney Warren

The meeting was called to order at 4:30 pm by the Chair, who described the remote meeting procedures and the process for public participation. **Public Comment:** There was no public comment.

Discussion on Article 8 of the Special Town Meeting warrant: proposed "senior pass" non-binding resolution.

Chair Tracey Rose read the text of this article, and the scope of possible action from the Board of Health. Assistant Town Manager, Kelly Clark, was on the call and gave a brief overview of the senior pass article. The non-binding resolution (article 8) was prepared in response to a citizen's petitioned article not submitted in proper legal form (the petitioned article (warrant article 15) could not be acted upon by the Town meeting in a way to legally move the issue forward as intended by the petitioner(s)). Part of the legal obstacle is that the Town meeting is not a fee setting entity, and the BoH was designated as the fee setting body for the transfer station; the petitioned article included free senior pass to the beaches and transfer station. Another obstacle is the differing residency criteria for issuing beach stickers/transfer stickers. The Finance committee voted against it, as it would be a reduction in revenue and were concerned about that.

The Agent provided comments on behalf of the DPW director, who was unable to attend the hearing. He wanted the Board to be advised that the Town was in its last year of contract with SEMASS and could expect a hefty increase in tipping fees in the next contract.

Chair Tracey Rose expressed concern about the scope and all the moving pieces, and that it felt like things were moving too quickly, although she is support of an article to do research to determine if it would be a viable option for the transfer station. Alternate Candida Monteith stated that she felt the town should support seniors, as they support the school system. Board member Brian Koll asked what the loss of revenue would be, and how age 60 was determined. Kelly Clark stated that the costs has not been estimated yet, and that there is no age associated with Article 8 at this time.

(Tim Rose Joined the meeting) Chair Tracey Rose has questions about where the funding for the difference would be coming from. Board member Jason Silva stated that a large portion of the Town of Truro is 60 and over and therefore this article would eliminate or reduce fees for a large portion of the town. He also added that if people with a hardship come to the town there are protocols in place to help; however, to offer a large portion of the town a reduction in fees to support services, just due to their age doesn't seem fair. Board member Tim Rose also agreed that reductions and fee waivers should be assigned on a case-by-case basis not based on age in general. The Health Agent suggested incorporating a regulation/definition/guideline to determine eligibility for financial hardship. Board members Jason Silva and Brian Koll agreed that financial

hardship should be defined and assessed on a case-by-case basis; Brian went on to ask if the warrant article needed to expressly specify that financial eligibility should be included. Kelly Clark explained that the Selectboard's intent would be to research the intent for Article 8 during this budget cycle and then formulate a plan. Alternate Candida Monteith commented that a \$100,000 program seems very small. Board member Tim Rose stated that folks that rent their property, and second homeowners, should not receive a waiver of town fees if they are not year-round residents. Resident Karen Ruymen suggested that a needs-based approach made sense, but the child-care voucher did not have those requirements, and thus equity needs to be kept in mind. The Chair agreed and stated that a lot more information is needed before one can move forward with the proposal. At the request of the Chair, Assistant Town Manager Kelly Clark suggested language for a motion to recommend the article, and that if a member was not in support, they would vote Nay. **Motion: Board member Brian Koll moved to recommend Article 8 as printed in the warrant; Second: Tracey Rose; Vote: 2-2-1; the motion did not pass.**

Local upgrade approval/Variance Request- 82 Shore Road, Salt Air Cottages:

Project designer Glen Harrington represented the project on behalf. The Health Agent explained that all the local upgrade approval requests would have minimal-to-no impact and any impacts could be mitigated. The Agent asked the Board to consider their standard of review, and supported a determination that the project met their standard of review, as proposed. Arnie Greenfield, Condominium trustee was on the call, and let the Board know that the project was put out for bid, and then they would need to apply for a loan. They will likely upgrade both systems at this time. He is concerned about timing. As a seasonal complex, they will be shutting down soon. He requested that they be allowed to install by early April 2024. The Chair suggested that the extension would need to be considered. The Agent supported this request, as they have been moving quickly on the upgrade plans. Glenn Harrington also supported the extension to allow contractors time to bid and schedule the installation. **Motion: Board member Jason Silva moved to approve the request for local upgrade approval for 82 Shore Road as presented, and that an extension for installation be granted until April 1, 2024, with no occupancy other than the managers unit. Second: Board member Tim Rose; Vote: 5-0-0; the motion passed.**

Local Variance Request: 47 Pond Road, Eric Varty - Request to enter into an administrative consent order. Mr. Varty provided the Board with a summary of his work on the design of an upgrade to his septic system for about 6 years. He has had 2 different land surveys completed and hopes to have the property line and access issues resolved by the Barnstable County Court. They are seeking a judgement on a prescriptive easement, and definite property lines from which to design the system. He said it would be a tight tank; his lawyer has estimated it will take 2 years to complete the process, rather than the 4-year period to process through the land court. The Chair thanked him for his communications with the Health Department and the Board. Town Counsel has reviewed the ACO, and Mr. Varty has had his attorney review it. The Board discussed the occupancy of the property is 1-Bedroom, and it is been legally rented for up to 3-months to pay for the legal process. The Chair did point out that it was not standard for the Board to allow this.

The Agent described the unique characteristics of this property, that protects the Boards decision from becoming a precedent. The property will be under an ACO, under a variance granted by the Board; it is unlike any other property. Board member Jason Silva agreed that it was unique, and there is no concern about a different use, or over-crowding. He was not opposed to rental as the

legal process moved forward and found the property owner's process has merit as he has been working on it for so long. Alternate member Candida Monteith agreed. Member Tim Rose stated that the use should be able to continue as is, until the court process was done.

Motion: Board member Tim Rose moved to approve the variance for the ACO as presented, with the 3-month rental of the property; **Second:** Board member Brian Koll; **Vote:** 4-0-0; the motion passed.

Cesspool Upgrade program- update and discussion about enforcement and strategy

The Agent presented a synopsis of the drafts of the enforcement letters for each scenario:

Bucket 1 = property owners with completed stamped plans that are permitted but not yet installed; the letter describes a timeframe for final completion.

Bucket 2 = property owners that will be under an ACO; a list of those property owners who will be eligible for the ACO should be approved by the Board to ensure they will be covered at the end of the year.

Bucket 3 = property owners who have been working with engineers, but do not yet have plans under a permit. This group letter describes timeframes for plan development by March 1 May 1 installer files permit, with installation by Dec 31, 2024

Bucket 4 = property owners must hire an engineer the letter describes timeframes Plans by June 1, 2024, with an Installation by Dec 31, 2024

If milestones are missed, they would receive a follow-up letter, and commencement of daily fines until the milestone is met.

Alternate member Candida Monteith expressed appreciation for the way this was explained. Member Brian Koll asked if the Board should be more proscriptive with Bucket 4, and have a plan submitted by March 31, with install by the end of the 3rd quarter. The Chair agreed and did not want to extend too much time and liked the concept of tighter timelines. The Agent asked if September 31 would be appropriate. The chair suggested September 1, and following quarterly milestones, as Brian had suggested. The Chair was concerned about the amount of work that could bog down the office.

Minutes: No changes were proposed. **Motion:** Board member Brian Koll moved to approve the September 19 minutes as presented; **Second:** Board member Jason Silva; **Vote:** 4-0-0; the motion passed

Report of the Chair- Reminded the members of the Board about Special Town meeting and suggested that everyone do their homework and vote.

Health Agent's Report -Also reminded the members of the Board about Town meeting, and the Stormwater Management bylaw, and would be making the recommendation on Article 8 on behalf of the Board of Health. The Agent reviewed the correspondence from DEP in the packet on Wellfleet Harbor, and finally that staff would be out of the office for the annual MHOA conference Oct 25-27 in Falmouth.

Board member Tim Rose moved to adjourn the meeting; Second: Board member Brian Koll; Vote: 5-0-0, the motion passed.

The meeting was adjourned at 6:20 PM

Minutes submitted by Emily Beebe