

TOWN OF HARWICH



BOARD OF HEALTH

732 Main Street Harwich, MA 02645
508-430-7509 – Fax 508-430-7531
E-mail: health@town.harwich.ma.us



**TOWN OF HARWICH BOARD OF HEALTH
TUESDAY, JANUARY 19, 2021-6:30 P.M.
HARWICH TOWN HALL – REMOTE MEETING**

As required by law, the Town may audio or video record this meeting. Any person intending to either audio or video record this open session is required to inform the Chair

Pursuant to Governor Baker’s March 12, 2020 Order Suspending Certain Provisions of the Open Meeting Law, G.L. c. 30A, §20, and the Governor’s March 15, 2020 Order imposing strict limitations on the number of people that may gather in one place, this meeting of the Harwich Board of Health is being conducted via remote participation. No in-person attendance of members of the public will be permitted, but every effort will be made to ensure that the public can adequately access the proceedings as provided for in the Order.

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I CALL TO ORDER

II MINUTES OF PREVIOUS MEETING (Regular Meeting Minutes) December 15, 2020

Minutes shall be reviewed; proposed changes shall be possible; and a vote to approve with any noted changes shall be taken.

III 6:30 PM - BOARD OF HEALTH WORK SESSION

A. COVID-19 Update -Vote to accept/deny/take this under consideration

B. Proposed FY22 Budget – Vote to accept/deny/take this under consideration Vote to accept/deny/take this under consideration

IV NO EARLIER THAN 7:00 PM -OLD/UNFINISHED BUSINESS- Vote to accept/deny/take this under consideration

V NEW BUSINESS

A. Hearing-Fuller, 26 Kevin Road- to reconsider Order of Conditions granted on February 11, 2014- There is to be no increase in habitable space, flow design, number of bedrooms (one bedroom maximum. Loft/storage not to be used as a bedroom-storage area access by ships ladder only) and square footage to the dwelling. Applicant is requesting to change ships ladder access to an upstairs storage area to a set of stairs- Vote to accept/deny/take this under consideration

- B. Hearing-Skahen, 4 Lantern Lane-** to consider a variance request to upgrade a Title 5 septic system. Plan prepared by Dan A. Speakman Construction- *Vote to accept/deny/take this under consideration*
Variations from 310 CMR 15.211: Minimum Setbacks
1. Per 310 CMR 15.211(1): To allow a proposed soil absorption system to be 7' from the property line where 10' is required. Variance request of 3'.
 2. Per 310 CMR 15.211(1): To allow a proposed soil absorption system to be 10' from the foundation where 20' is required. Variance request of 10'.

C. Hearing-Smith, 47 North Road, to consider a variance request to install a tight tank prepared by Ryder & Wilcox (variances were previously approved at May 14, 2019 Board of Health meeting) *Vote to accept/deny/take this under consideration*
Variance from 310 CMR 15.240(2)(a)

1. Per 310 CMR 15.203: To allow a tight tank to be 1,000 gallons where 2,000 gallons is required. Variance request of 1,000 gallons.

Variations from 310 CMR 15.211 (Minimum Setbacks)

1. Per 310 CMR 15.211: To allow a proposed tight tank to be 3' from a property line where 10' is required. Variance request of 7'.

2. Per 310 CMR 15.211: To allow a proposed tight tank to be 7.1' from a property line where 10' is required. Variance request of 2.9'.

3. Per 310 CMR 15.211: To allow a proposed tight tank to be 7.9' from a foundation where 10' is required. Variance request of 2.1'.

4. Per 310 CMR 15.211: To allow a proposed tight tank to be 4.5' from a water line where 10' is required. Variance request of 5.5'.

5. Per 310 CMR 15.227: To allow a proposed tight tank to be less than 1' above the high groundwater elevation. Variance request of 1.7'.

6. Per 310 CMR 15.211: To allow a proposed tight tank to be 4' from the wetland where 50' is required. Variance request of 46'.

Variations from Harwich Board of Health Regulation 1.210

1. Per Harwich Board of Health Regulation 1.210: To allow a proposed tight tank to be 4' from the wetland where 50' is required. Variance request of 46'.

2. Per Harwich Board of Health Regulation 1.210: To allow a proposed building sewer to be 6' from the wetland where 50' is required. Variance request of 44'.

D. Hearing-Leonard, 52 North Road, to consider a variance request to install a new Title 5 septic system design prepared by Ryder & Wilcox (variances were previously approved at April 9, 2019 Board of Health Meeting) *Vote to accept/deny/take this under consideration*

Variations from 310 CMR 15.211-Minimum Setbacks

1. Per 310 CMR 15.211: To allow a proposed pump chamber to be 7' from the property line where 10' is required. Variance request of 3'.

2. Per 310 CMR 15.227(5): To allow a proposed septic tank and proposed pump chamber invert to be less than 1' above the high groundwater elevation. Variance request of 0.35' & 0.7'.

Variations from Harwich Board of Health Regulation 1.210

3. Per Harwich Board of Health Regulation 1.210: To allow a proposed soil absorption system to be 87' from the edge of wetland where 100' is required. Variance request of 13'.

VI REPORT OF THE HEALTH DIRECTOR- DECEMBER 2020- *Vote to accept/deny/take this under consideration*

VII CORRESPONDENCE- *Vote to accept/deny/take this under consideration*

VIII PERMITS - *Vote to accept/deny/take this under consideration*
SEE ATTACHED LIST

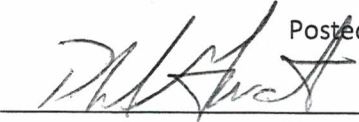
IX OTHER- *Vote to accept/deny/take this under consideration*

X **ADJOURN-** *Vote to accept/deny/take under consideration*

Authorized posting officer:

Jennifer Clarke
Signature

Date


Town Clerk

Posted by:

Date 1-13-20

Per the Attorney General's Office: The committee may hold an open session for topics not reasonably anticipated by the Chair 48 hours in advance of the meeting following "New Business." If you are deaf or hard of hearing or a person with a disability who requires an accommodation, contact the Selectmen's Office at 508-430-7513

BOH PERMITS TO BE ISSUED 01/19/2021

ESTABLISHMENT	ADDRESS	TYPE	TYPE	TYPE	TYPE
STABLE					
Brian & Gloria Savin *	117 North Westgate Road	Residential Stable			
Cape Farm Supply *	374 Main Street	Residential Stable			
Cape Farm Supply *	1590 Factory Road	Residential Stable			
CB Equestrianv *	32 Derby Lane	Commercial Stable			
Chrystal Kline *	324 Oak Street	Residential Stable			
Eliza Kendall *	90 Old Chatham Road	Residential Stable			
Erin McWilliams *	758 Depot Street	Residential Stable			
Kristen Goulis & Ronald Daigle *	9 Sadies Way	Residential Stable			
Lauren Thonus *	6 Wilma Way	Residential Stable			
Mary Ann & Joe Rego *	3 Jay Z Drive	Commercial Stable			
Michael R. Eldredge *	72 Main Street Ext.	Residential Stable			
Reaching for My Dreams Stable *	38 N. Westgate Road	Commercial Stable			
Sandra Smith *	841 Route 28	Residential Stable			
Seahorse Equestrian Center (2021 NEW)	34 Lynch Lane	Commercial Stable			
Susan Shaw *	326 Main Street	Residential Stable			
Thomas & Ashby Crafts *	41 Gilbert Lane	Residential Stable			
Westgate Farm LLC (2021 NEW)	210 South Westgate Road	Commercial Stable			
FOOD SERVICE					
3 Monkeys Street Bar *	554 Route 28	61-150 seats			
AFC Sushi at Shaws *	18 Sisson Road	Take Out			
Big Rock Oyster	501 Depot Street	Caterer			
Brax Landing *	705 Route 28	>150 seats			
Bucas Tuscan Roadhouse *	4 Depot Road	31-60 seats			
Cape Cod Cranberry Harvest *	33 Rocky Way	Limited Food Service			
Cape Cod Regional Tech School *	351 Pleasant Lake Ave	Institution			
Cape Roots Market & Café	557 Route 28	retail: less than 5000 sf	1-30 seats	milk & cream	
Capeside Kitchen *	537 Route 28	61-150 seats			
Castaways *	986 Route 28	61-150 seats			
Christ Church Episcopal *	671 Route 28	Institution			
Corner of Yum *	31 Sea Street	Caterer			
Cumberland Farms *	578 Route 28	retail: less than 5000 sf	milk & cream	limited food svc	
Depot Dogs *	4 Depot Road	Mobile Food Service			
Dominos Pizza *	16 Route 28	1-30 seats	Take Out		
Dunkin Donuts *	110 Route 137	Take Out			
Dunkin Donuts *	481 Route 28	retail: less than 600 sf	1-30 seats	milk & cream	
Dunkin Donuts *	175 Route 137	retail: less than 600 sf	1-30 seats	milk & cream	
Dunkin Donuts *	173 Pleasant Lake Ave	Take Out			
Elder Services of Cape Cod *	100 Oak Street	Institution			
Harwich Elementary *	263 South Street	Institution			
Harwich Mobil *	173 Pleasant Lake Avenue	retail: less than 5000 sf	milk & cream	limited food svc	
Harwich Port Golf Club *	51 South Street	Limited Food Service			
Harwich Port House of Pizza *	330 Route 28	31-60 seats			
Hissho Sushi at Stop & Shop *	111 Route 137	retail: <600 sf			
Hot Stove Saloon *	551 Route 28	61-150 seats			
Inn on the Beach *	16 Bank Street	Limited Food Service			
J. Bar *	537 Route 28	Take Out			
Kim Jerauld *	1281 Orleans Road	Limited Food Service			
L'Alouette *	787 Route 28	61-150 seats			
Mad Minnow Bar & Kitchen *	554 Route 28	31-60 seats			
Main Street Quik Pik*	715 Main Street	retail: less than 5000 sf	milk & cream	limited food svc	
Mason Jar *	544 Route 28	1-30 seats	caterer		
Monomoy Regional High School *	75 Oak Street	Institution			
Moonshine Liquors *	4 Great Western Road	retail: <600 sf			
One Thirty Seven Gas *	110 Route 137	retail: less than 5000 sf	milk & cream	limited food svc	
Pilgrim Congregational Church *	533 Route 28	Institution			
Pleasant Lake Farm *	2 Birch Drive	retail: <600 sf			
Pleasant Lake Pizza Shark *	403 Pleasant Lake Ave	retail: less than 600 sf	frozen dessert	milk & cream	take out
Rosewood Manor *	671 Main Street	Institution			
Starbucks @ Star Market *	18 Sisson Road	1-30 seats			
Star Market *	18 Sisson Road	retail: greater than 25000 s	milk & cream	take out	
Szechuan Delight *	1421 Orleans Road	Take Out			
The Lunch Stop *	1421 Orleans Road	Take Out			

Value Mart *	435 Route 28	retail: less than 5000 sf	milk & cream	limited food svc	
Wingate at Harwich *	111 Headwaters Drive	Institution			
SEPTIC INSTALLER					
Aattaboy Septic Service *					
Abb-Solutely Septic Service *					
Accu Sepcheck *					
Cape Cod Septic Inspection *					
Condon's Excavating *					
Daluze Excavating *					
Holmes Land Service *					
J. O'Loughlin, Inc. *					
Lower Cape Excavation *					
Matthew A. Eldredge Landscape Const *					
Northeast Construction *					
Ready Rooter, Inc. *					
Richard Judd *					
Robert B Our Company *					
Rooter Man of Cape Cod *					
Sunwind LLC *					
Wall Septic Service *					
SEPTIC HAULER					
Abb-Solutely Septic Service *					
Debarros Septic Service *					
Discount Septic *					
J. O'Loughlin, Inc. *					
Josh M. Barros Septic Service *					
Liquid Environmental Solutions (2021 NEW)					
Ready Rooter, Inc. *					
Robert B Our Company *					
Rooter Man of Cape Cod *					
Tulloch Septic Service *					
Wall Septic Service *					
Wind River Environmental *					
UTILITY INSTALLER					
Borthwick & Summers (2021 NEW)					
Northeast Construction *					
Peter W. McIntire & Sons (2021 NEW)					
Robert B Our Company *					
TITLE 5 INSPECTOR					
Andrew Grover *					
Caleb Paus *					
Daniel Croteau *					
Darrell Stone *					
David Burnie *					
David Quinn *					
Jeffrey Wall *					
John Schnaible *					
Joseph M. Martins *					
Kevin J. Sullivan *					
Michael T. Bisiener *					
Rick Judd *					
Stephanie Sequin *					
TOBACCO					
A.J. Lukes of Harwich *	224 Route 28	Retail Tobacco			
Cumberland Farms *	578 Route 28	Retail Tobacco			
Fully Baked Smoke Shop *	216 Route 28-Unit # 5	Adult Only Tobacco			
Harwich Mobil *	173 Pleasant Lake Avenue	Retail Tobacco			
Main Street Quik Pik *	715 Main Street	Retail Tobacco			
Moonshine Liquors *	4 Great Western Road	Retail Tobacco			
One Thirty Seven Gas *	110 Route 137	Retail Tobacco			
Portside Liquors *	1421 Orleans Road	Retail Tobacco			
Royal Smoke Shop *	721 Main Street	Adult Only Tobacco			
Value Mart *	435 Route 28	Retail Tobacco			
West Harwich Sav On Gas *	4 Route 28	Retail Tobacco			

REFUSE HAULER

The Brothers Disposal *

Waste Management of Mass, Inc. *

***2021 Renewal**

TOWN OF HARWICH



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**TOWN OF HARWICH BOARD OF HEALTH
TUESDAY, DECEMBER 15, 2020-6:30 P.M.
HARWICH TOWN HALL – REMOTE MEETING**

BOARD OF HEALTH MEMBERS PRESENT: Chairwoman Pamela Howell, R.N., Vice Chairwoman Sharon Pflieger, Member Ronald Dowgiallo, D.M.D., Member Matthew Antoine & Member
STAFF MEMBERS PRESENT: Health Director Meggan Eldredge & Executive Assistant Jennifer Clarke

Pursuant to Governor Baker’s March 12, 2020 Order Suspending Certain Provisions of the Open Meeting Law, G.L. c. 30A, §20, and the Governor’s March 15, 2020 Order imposing strict limitations on the number of people that may gather in one place, this meeting of the Harwich Board of Health is being conducted via remote participation. No in-person attendance of members of the public will be permitted, but every effort will be made to ensure that the public can adequately access the proceedings as provided for in the Order.

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I CALL TO ORDER

Ms. Howell called the meeting to order at 6:30 p.m.

II MINUTES OF PREVIOUS MEETING (Regular Meeting Minutes) – September 14, 2020 & October 20, 2020

Mr. Dowgiallo moved to approve the minutes of the September 14, 2020 Board of Health meeting, 2nd by Mr. DuPont. The vote was 5-0-0 with Ms. Howell, Ms. Pflieger, Mr. Dowgiallo, Mr. Antoine & Mr. DuPont all voting aye by roll call.

Mr. DuPont moved to approve the minutes of the October 20, 2020 Board of Health meeting, 2nd by Ms. Pflieger. The vote was 5-0-0 with Ms. Howell, Ms. Pflieger, Mr. Dowgiallo, Mr. Antoine & Mr. DuPont all voting aye by roll call.

III 6:30 PM - BOARD OF HEALTH WORK SESSION
A. Review of Draft 2021 Board of Health Meeting Schedule

Ms. Pflieger moved to approve the 2021 Board of Health meeting schedule as presented, 2nd by Mr. Dowgiallo. The vote was 5-0-0 with Ms. Howell, Ms. Pflieger, Mr. Dowgiallo, Mr. Antoine & Mr. DuPont all voting aye by roll call.

B. Continued review of draft Town of Harwich Draft Fertilizer Regulation (continued from September 14, 2020 meeting)

Health Director Eldredge provided the Board with information on the Pleasant Bay watershed permit that was issued back in 2018 as part of the CWMP. This shows how important how it is to have a fertilizer regulation which can reduce nitrogen and also reduce the number of parcels that we need to sewer which in turn reduces the cost of sewerage.

Ms. Pflieger asked if we are considering a regulation or a bylaw and what the difference is between them. Health Director Eldredge responded that a regulation is something that the Board of Health can adopt and enforce without it having to go to Town Meeting. If we go the regulation route, it would need to be published in the paper for 2 consecutive weeks and then the Board would need to have a public hearing. After the public hearing, if the Board votes to adopt the regulation, it would become law. A bylaw would require a vote at Town Meeting and is usually backed by a board other than the Board of Health.

Ms. Pflieger listed changes that she would like to see in the draft regulation.

Ms. Pflieger asked how the regulation would be enforced. Health Director Eldredge responded that we would gain compliance by educating the public and letting them know what the regulation is. If the Health Department starts to receive complaints, we can rely on the Cape Cod Cooperative Extension to provide educational programs. Ms. Pflieger followed up by asking how someone will know if fertilizer is used when it is not allowed, for example, during a heavy rain period. She suggested highlighting some of the main points in the regulation, so that they will stand out more for people's reference.

Mr. DuPont stated that we will not be able to have everyone on Cape Cod comply with the regulation, and wondered if we could create a one page highlight sheet for local retailers to hand out when customers are purchasing fertilizer. Health Director Eldredge responded that the creation of an information sheet would be easy and that it would be a matter of the retailers being receptive of handing it out. Ms. Pflieger suggested having information on the sheet about enforcement of the regulation including what the penalties might be. To Ms. Pflieger's point, Selectman Ballantine noted that other towns have emphasized the education aspect rather than enforcement.

Health Director Eldredge stated that she will make all of the changes that the Board has requested. The Board agreed to hold a public hearing at their January 19, 2021 Board of Health meeting.

C. COVID-19 Update

Health Director Eldredge briefly reviewed the reports that were provided to the Board. Cases in the Town of Harwich are increasing to the point that we are now considered a high risk community. In the last two weeks, we have had 49 new cases Health Director Eldredge has been working with Barnstable County about hold a COVID-19 testing clinic in the next week or two. As of Sunday, all of Massachusetts has been rolled back to step 1 of phase 3. Brooks Library has gone back to curbside only and the Community Center has restricted some events.

Mr. DuPont stated that Outer Cape Health Care is working on a plan to make testing available.

IV NO EARLIER THAN 7:00 PM -OLD/UNFINISHED BUSINESS

No old/unfinished business was discussed.

V NEW BUSINESS

A. 14 Harden Lane-Phase 2 Sewer Waiver, to consider granting a request to utilize an existing cesspool until the municipal sewer is available for connection, projected 7/2021.

Kerry and Michael Villandry were present remotely as the purchasers of the property. This property is scheduled to be connected to town sewer and they do not want to install a permanent septic system and then be forced to connect to the sewer. Mr. & Mrs. Villandry stated that they are open minded to other options. Mrs. Villandry stated that the mortgage company needs this waiver in order for them to purchase the house. Their plan is to renovate the existing home and put on additions.

Health Director Eldredge reported that this property is in Phase 2 of the municipal sewer project. There is a pump station that needs to be installed and then Phase 2 will need to be connected to the Chatham treatment facility before the property can be considered active. We are looking at the end of July for completion of Phase 2/Contract 2. This property has 2 cesspool in series. The Title 5 inspection shows the 1st cesspool is collapsed, the distribution box

is also collapsed which leads to an overflow cesspool, which is still taking flow, but is below groundwater and is within 100' of a bordering vegetated wetland.

Health Director Eldredge suggested that they could abandon the cesspool system and install a tight tank for temporary use. The tight tank will be abandoned or removed when sewer is available. Installation of a tight tank will require an engineer and installer. Mr. Villandry responded that the tight tank solution would be the option that they are looking for.

Health Director Eldredge recommended approval of the waiver request with the following conditions:

1. Tight tank to be installed and when the sewer connection is available, that design plans and permit be submitted within 6 months of waiver approval.
2. Connection to the municipal sewer is required within 45 days of the order to connect.
3. Tight tank required to be monitored by a pumping company.
4. Property is restricted to a maximum of two (2) bedrooms.
5. Waiver approval and conditions to be recorded at the Barnstable County Registry of Deeds.

Mr. DuPont moved that the Board of Health approve the waiver request for 14 Harden Lane and accept the recommended conditions put in place by the Health Director, 2nd by Ms. Pflieger. The vote was 5-0-0 with Ms. Howell, Ms. Pflieger, Mr. Dowgiallo, Mr. Antoine & Mr. DuPont all voting aye by roll call.

B. Hearing- Plotner, 11 Hiawatha Road, to consider a variance request to upgrade a Title 5 septic system prepared by Moran Engineering Associates, LLC

Variances from 310 CMR 15.211- Minimum Setbacks

1. Per 310 CMR 15.211(1): To allow a proposed soil absorption system to be 7.5' from south the property line where 10' is required. Variance request of 2.5'.
2. Per 310 CMR 15.211(1): To allow a proposed septic tank to be 6' from the crawl space where 10' is required. Variance request of 4'.
3. Per 310 CMR 15.211(1): To allow a proposed soil absorption system to be 12' from the garage cellar wall where 20' is required. Variance request of 8'

Ms. Howell opened the hearing. Health Director Eldredge read the variances being requested. Dan Croteau from Moran Engineering was present to represent the request. The property owns are proposing to remove the existing 1950 single family home and construct a new single family home and install a new Title 5 septic system. The reconstruction of the dwelling requires the septic system to be moved to a different location. The new septic system will require setback variances, however they are equal or less than the variances that were required for the current system.

No public comment was heard. Ms. Howell closed the hearing.

Health Director Eldredge stated that the proposed design provides better separation between leaching field and property lines and the foundation. She recommended approval of the variance request with the following conditions:

1. Property shall be deed restricted to a maximum of three (3) bedrooms.
2. No further increase in habitable space or square footage to the dwelling without review by the Board of Health.
3. Variances and conditions to be recorded at Barnstable County Registry of Deeds.

Mr. DuPont moved to accept the recommendation of the Health Director, 2nd by Mr. Dowgiallo. The vote was 5-0-0 with Ms. Howell, Ms. Pflieger, Mr. Dowgiallo, Mr. Antoine & Mr. DuPont all voting aye by roll call.

D. Hearing-Burke, 16 Ginger Plum Lane, to consider a variance request to upgrade a Title 5 septic system prepared by Bass River Engineering
Variances from 310 CMR 15.211- Minimum Setbacks

1. Per 310 CMR 15.211(1): To allow a proposed soil absorption system to be 11' from a cellar wall where 20' is required. Variance request of 9'.
2. Per 310 CMR 15.211(1): To allow a proposed soil absorption system to be 8' from a crawl space where 10' is required. Variance request of 2'.
3. Per 310 CMR 15.211(1): To allow a proposed soil absorption system to be 5' from the property line where 10' is required. Variance request of 5'.
4. Per 310 CMR 15.211(1): To allow a proposed soil absorption system to be 3' from the property line where 10' is required. Variance request of 7'.
5. Per 310 CMR 15.211(1): To allow a proposed septic tank to be 8' from a crawl space where 10' is required. Variance request of 2'.
6. Per 310 CMR 15.211(1): To allow a proposed septic tank to be 5' from the property line where 10' is required. Variance request of 5'.
7. Per 310 CMR 15.211(1): To allow a proposed septic tank to be 3' from the property line where 10' is required. Variance request of 7'.

Chairwoman Howell opened the hearing. Health Director Eldredge read the variances being requested. Tom McLellan was present remotely. The applicant is proposing to replace a cesspool with a Title 5 septic system. There are no alterations or additions proposed to the dwelling at this time. The variances are necessary due to the small lot size.

David DiMuzio from 20 Ginger Plum Lane was present and asked if the new septic system will be in the same location as the existing. Mr. McLellan responded that the new system will be on the opposite side of the house.

Chairwoman Howell closed the hearing.

Health Director Eldredge recommended approval of the variance request with the following conditions:

1. Property to be deed restricted to four (4) bedrooms.
2. No increase in habitable space or square footage without further review by the Board of Health.
3. Dwelling shall be served by Town Water.
4. Variances and conditions shall be recorded at Barnstable County Registry of Deeds.

Mr. DuPont moved to accept the recommendation of the Health Director, 2nd by Mr. Dowgiallo. The vote was 5-0-0 with Ms. Howell, Ms. Pflieger, Mr. Dowgiallo, Mr. Antoine & Mr. DuPont all voting aye by roll call.

VI REPORT OF THE HEALTH DIRECTOR- OCTOBER 2020 & NOVEMBER 2020

Health Director Eldredge read her monthly reports for October 2020 and November 2020.

VII CORRESPONDENCE

A. Notice from Edge Environmental-Immediate Response Action Status Report-Truck Accident-Sisson Road

The information provided was for the Board’s information only and no action is required.

B. Notice from Tighe & Bond-Historic Release of Mineral Oil Dielectric Fluid-Station 973/Island Pond Road

The information provided was for the Board’s information only and no action is required.

VIII PERMITS

ESTABLISHMENT	ADDRESS	TYPE	TYPE	TYPE	TYPE
SEPTIC INSTALLER					
A & S Construction *					
AMA Excavating *					
Ambrose Homes *					
B & B Excavation *					
Better Cape Plumbing *					
Borthwick & Summers, Inc. *					
Bortolotti Construction *					
C.C.Construction *					
Cape Cod Septic Services *					
Chase & Merchant *					
D.G. Digging *					
Dig It Construction *					
Ellis Brothers Construction *					
EZ Doze It *					
F.L. Quinn construction *					
F.S. Rich Excavating *					

GFM Enterprises *				
Harry Ellis Builders *				
J. Iadonisi Construction *				
J.W. Dubis & Sons, Inc. *				
John Martin Inc. *				
Ken Rose Septic *				
M.C.E. Dirtworks *				
Macura Excavation **				
Minot Reynolds *				
Pastore Excavation Inc. *				
PKM Contractors **				
R.J. Bevilacqua *				
Ready Rooter Excavating *				
Speakman Excavating *				
Terry Walker Excavation *				
Turner Brothers, LLC *				
SEPTIC HAULER				
B & B Excavation *				
Bortolotti Construction *				
Cape Cod Septic Services *				
Ellis Brothers Construction *				
J.W. Dubis & Sons, Inc. *				
M.A. Frazier Enterprises, Inc. *				
Scott Frank Septic *				
Speakman Excavating *				
Waste Water Services Inc. *				
FOOD SERVICE				
400 East, Inc. *	1421 Orleans Road	>150 seats		
Alecsie's House of Pizza *	181 Route 137	1-30 seats		
Allen Harbor Yacht Club *	371 Lower County Road	>150 seats		
Barnaby Inn *	36 Route 28	Limited Food Service		
Cape Cup *	4 Sou'West Drive	Limited Food Service		
Cape Sea Grille *	31 Sea Street	61-150 seats	Catering	
Cove Clubhouse *	383 Route 28	Institution		
CVS Pharmacy # 860	10 Post Office Square	Retail: 5000-25000 sf	Milk & Cream	
CVS Pharmacy # 1859	148 Route 137	Retail: 5000-25000 sf	Milk & Cream	
Dairy Queen *	443 Route 28	1-30 seats	frozen dessert	
East Harwich Market *	1421 Orleans Road	Retail: Less than 5000 sf	Milk & Cream	
Ember *	600 Route 28	61-150 seats		
George's Pizza House *	546 Route 28	31-60 seats		
Hands of Hope Food Pantry *	49 Route 29	Institution		
Harwich Community Center *	100 Oak Street	Institution		
Harwich Inn & Tavern *	77 Route 28	61-150 seats		

Lighthouse Café*	216 Route 28	Retail: Less than 5000 sf	1-30 seats		
Platinum Pebble *	186 Belmont Road	Limited Food Service			
Ruggies, Inc. *	707 Main Street	31-60 seats			
Scribanos Italian Market & Deli *	302 Route 28	Retail: Less than 5000 sf	31-60 seats	Milk & Cream	
Seal Pub & Café *	703 Main Street	retail <50 sf	1-30 seats	Caterer	Frozen Dessert
Subway *	1 Auston Road	1-30 seats			
The Family Pantry of Cape Cod *	133 Queen Anne Road	Institution	Mobile Food		
The Port *	541 Route 28	61-150 seats			
Upper Crust Pizza *	1421 Orleans Road	1-30 seats			
REFUSE HAULER					
Benjamin T. Nickerson, Inc. *					
Cavossa Disposal *					
Del Mar Vacations, Inc. *					
M.A. Frazier Enterprises, Inc. *					
Milley Trucking *					
Nauset Disposal *					
Seaside Disposal *					
William R. Coffin & Sons Inc *					
TITLE 5 INSPECTOR					
Dan A. Speakman *					
James D. Sears *					
John M. O'Reilly *					
Robert F. Reedy *					
Troy Williams *					
STABLE					
Betsy & David Coleman *	26 North Westgate Road	Residential Stable			
Christine Menard *	39 Lexington Drive	Residential Stable			
Christopher & Angela McNamara	196 Bank Street	Residential Stable			
Deacons Folly Farm *	41 Deacons Folly Farm	Commercial Stable			
Donald Dvorovy *	1639 Orleans Road	Residential Stable			
Duane Reynolds *	1392 Halls Path	Residential Stable			
Jennifer Cahoon *	1356 Halls Path One	Residential Stable			
Jody Ellis *	307 Queen Anne Road	Residential Stable			
Judith Davis *	6 Lynch Lane	Residential Stable			
Karin Bearse *	100 Main Street Ext.	Residential Stable			
Katie McIntosh Rhodes & Jason Rhodes *	72 Hawksnest Road	Residential Stable			
Kathy Gould *	98 Old Chatham Road	Residential Stable			
MaKenna & Christopher Arrigo (2021 NEW)	28 Deacons Folly Road	Residential Stable			
Mary & Brian Hastings *	4 Hildas Cartway	Residential Stable			
Matthew & Jaclyn Brooks *	50 Aladoe Farm Lane	Residential Stable			
Memory Lane Farm *	331 Main Street	Commercial Stable			
Stephanie J. Winslow *	94 Main Street Ext.	Residential Stable			
True North Farm *	339 Queen Anne Road	Commercial Stable			

UTILITY INSTALLER					
John Martin Inc. *					
TOBACCO					
Cranberry Liquors *	555 Route 28				
East Harwich Market *	1421 Orleans Road				

Harwich Gas & Propane *

729 Main Street

*2021 Renewal

** 2020 Renewal

Mr. Antoine moved to approve the list of permits as presented, and that the stable license for 28 Deacons Folly Road will be released upon receipt of a passing inspection from the Town of Harwich Animal Control Officer, 2nd by Ms. Pflieger. The vote was 5-0-0 with Ms. Howell, Ms. Pflieger, Mr. Dowgiallo, Mr. Antoine & Mr. DuPont all voting aye by roll call.

IX OTHER

No other items were discussed.

X ADJOURN

Ms. Pflieger moved to adjourn the meeting at p.m., 2nd by Mr. Dowgiallo. The vote was 5-0-0 with Ms. Howell, Ms. Pflieger, Mr. Dowgiallo, Mr. Antoine & Mr. DuPont all voting aye by roll call.

Respectfully Submitted,

Jennifer Clarke

Next meeting is Tuesday, January 19, 2021 at 6:30 p.m.

Documents included in December 15, 2020 Board of Health Meeting Packet:

- December 15, 2020 Board of Health Agenda
- September 14, 2020 Draft Board of Health Minutes
- October 20, 2020 Draft Board of Health Minutes
- Draft 2021 Board of Health Meeting Schedule
- Email from Dan Pelletier to Meggan Eldredge dated November 30, 2020
- DEP Pleasant Bay Watershed Permit dated August 3, 2018
- Draft Town of Harwich Fertilizer and Nutrient Control Regulation dated October 22, 2020
- COVID-19 update dated December 4, 2020
- COVID-19 update dated November 20, 2020
- COVID-19 update dated November 13, 2020
- COVID-19 update dated November 6, 2020
- COVID-19 update dated October 30, 2020

- COVID-19 update dated October 23, 2020
- COVID-19 update dated October 16, 2020
- COVID-19 travel questions and answers
- Board of Health site summary for 14 Harden Lane dated December 15, 2020
- Waiver Form for Phase 2 Sewer Area for 14 Harden Lane dated November 19, 2020 including financial responsibility agreement
- Board of Health site summary for 11 Hiawatha Road dated December 15, 2020
- Board of Health variance application and associated documents for 11 Hiawatha Road dated December 2, 2020
- Board of Health site summary 16 Ginger Plum Lane dated December 15, 2020
- Board of Health variance application and associated documents for 16 Ginger Plum Lane dated November 23, 2020
- Health Director monthly report for October 2020 dated November 12, 2020
- Letter to Value Mart from Health Director dated November 12, 2020
- Letter from Edge Environmental dated October 2, 2020
- Letter from Tighe & Bond dated October 12, 2020
- Any other documents submitted for/at the December 15, 2020 Board of Health meeting

DRAFT



Town of Harwich
Board of Health
 732 Main Street Harwich, MA 02645
 508-430-7509 – Fax 508-430-7531
 E-mail: health@town.harwich.ma.us

January 11, 2021

Weekly COVID-19 Case Update

CASES AND STATISTICS

To date there have been a total of 350 cases of COVID-19 in the Town of Harwich. As of today, we are following 44 active cases of COVID-19 in Harwich residents (not including Wingate), the largest case load we have seen at one time to date. These active cases include household spread that started from gatherings or travel over the school break, however many cases are from unknown origin.

Harwich has been moved back into the “red” which designates us as a **High Risk Community**. This designation is made when a community of our size reaches a positivity rate of over 5% and has had more than 25 positive cases in a two week period. We have a positivity rate of 5.15% and 55 new cases in the last 2 weeks.

Over the weekend Barnstable County's 3-day new case tally set another new record--481 cases were recorded between 1/8 and 1/10.



Massachusetts Department of Public Health COVID-19 Dashboard – Thursday, January 7, 2021

Count and Rate of Confirmed COVID-19 Cases and Tests Performed in MA by City/Town, January 1, 2020 – January 5, 2021

City/Town	Total Case Count	Case Count (Last 14 Days)	Average Daily Incidence Rate per 100,000 (Last 14 days) ¹	Relative Change in Case Counts ²	Total Tests	Total Tests (Last 14 days)	Total Positive Tests (Last 14 days)	Percent Positivity (Last 14 days)	Change in Percent Positivity ³
Hampden	246	34	49.6	Higher	6263	676	35	5.18%	Higher
Hancock	12	0	0	Lower	179	17	0	0%	Lower
Hanover	710	191	94.9	Lower	13939	1776	206	11.60%	Lower
Hanson	469	79	52.4	Lower	9892	1128	93	8.24%	Higher
Hardwick	45	11	23.5	Higher	2048	142	12	8.45%	Higher
Harvard	73	13	13.4	Lower	5473	416	13	3.13%	No Change
Harwich	350	55	31.2	Higher	11009	1224	63	5.15%	Higher

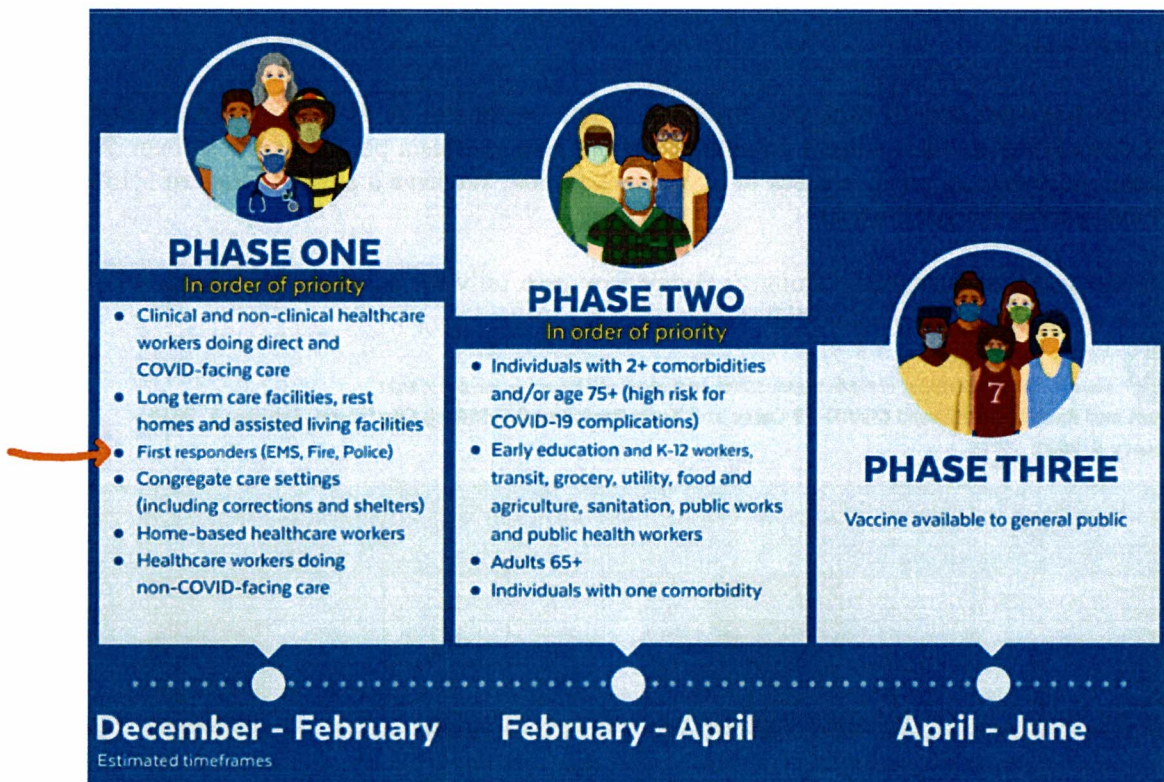
Active COVID Clusters by Exposure Setting Type for the Period 12/6/20 to 1/2/21 (as of 1/7/21)										
Source: https://www.mass.gov/info-details/covid-19-response-reporting . Tabulation: V. Harik, Barnstable County DHS										
Sorted by Number of Cases in New Cluster Settings										
Exposure Setting	New Clusters (Identified 12/6/20 – 1/2/21)			Ongoing Clusters But Not Meeting Criteria for Closing)			Total			
	Clusters	Confirmed Cases	Close Contacts	Clusters	Confirmed Cases	Close Contacts	Clusters	Confirmed Cases	Close Contacts	
1 Household	19,931	51,044	---	13,783	5,886	---	33,714	56,930	---	
2 Long Term Care Facilities	122	1,186	---	206	2,401	---	328	3,587	---	
3 Child Care	155	478	671	157	100	355	312	578	1,026	
4 Senior Living	52	396	33	79	440	195	131	836	228	
5 Social Gatherings	49	307	42	38	30	26	87	337	68	
6 Restaurants & Food Courts	25	223	40	50	78	34	75	301	74	
7 Hospitals	18	173	15	30	223	74	48	396	89	
8 24/7 Congregate Settings	44	162	51	62	128	38	106	290	89	
9 Other Healthcare	21	127	57	27	50	14	48	177	71	
10 K-12 Schools	30	121	243	59	64	56	89	185	299	

RE-OPENING PLANS

Governor Baker announced that the temporary extension of Order #59 will continue until noon on January 24, 2021. **This Order limits capacity inside most businesses to 25%, including restaurants** as well as reduces the gathering limitations to 10 people inside and 25 outside. This gathering limit includes private and public property. Businesses that fall into this Order must also close to the public at 9:30 pm.

VACCINE UPDATE

COVID vaccine clinics have been set up for First Responders this week. Police, Fire, Harbormasters and private EMS company employees performing COVID-facing jobs are eligible to receive their first dose of vaccine during this current phase.



We are receiving many calls from residents wondering how they can get a vaccine. If you are in Phase one, your employer is responsible for ordering and distributing vaccine or you can attend one of the mass vaccination sites that the State has set up.

Once we get to Phase 2, we will take direction from the DPH on how to set up our clinics. We are NOT taking appointments or requests for appointments at this time. When we know more information, we will alert the public. Many pharmacies will also be providing COVID vaccine.

Harwich relies on both the VNA and the Barnstable County Department of Health and Environment for vaccine distribution. The County has agreed to be a vaccine depot for towns on the Cape. This means that the County will receive, store and distribute COVID vaccine to individual towns. When the DPH indicates that it is time to hold public clinics, Harwich will hold

clinics for our residents in a similar setting as our drive-through flu clinics. We may or may not regionalize with a neighboring town to hold a clinic, this is to be determined.

More information on the Vaccine plan can be found here:

<https://www.mass.gov/info-details/when-can-i-get-the-covid-19-vaccine>

TESTING

Outer Cape Health Services has announced that they are extending FREE asymptomatic testing for people through February 28, 2021. This is the rapid antigen test and is not valid for Travel Order compliance. PCR testing is also available here. For testing options at Outer Cape Health, please call 508-905-2888 in advance to make a testing appointment.

Testing is available in other locations 7 days per week through Cape Cod Healthcare. Call the Community Testing Line at 508-534-7103 to make an appointment.

CLOSING MESSAGE

We continue to see community spread of COVID-19 in Harwich. Outer Cape Health services has reported that 60% of all of the positive rapid tests that they performed have been from asymptomatic individuals. It is so very important to limit close contact with other people, including children. Sleepovers, playdates, dinner parties etc. are known to spread the virus from seemingly healthy people to other people who work with the public. Teenagers spread it to parents, who bring it to work and infect others. The cycle needs to break, we need to do a better job of stopping the spread. The vaccine will help, but social distancing and wearing a mask are immediate and effective ways to do your part to stop the spread.

See you next week!
Meggan Eldredge
Health Director



Town of Harwich Board of Health

732 Main Street Harwich, MA 02645
508-430-7509 – Fax 508-430-7531
E-mail: health@town.harwich.ma.us

December 30, 2020

Weekly COVID-19 Case Update

As of today, we are following 29 active cases of COVID-19 in Harwich. Of these active cases, 11 are associated with Wingate, our Long Term Care Facility, where several residents and many staff members have tested positive. Wingate is following a rigid testing protocol to attempt to contain the spread.

Over the last two weeks we have had an increase of 41 cases, bringing our cumulative total to 306. Our percent positivity has decreased to 3.88%, however, we continue to see community transmission.

Hospital capacity is still a concern across the Commonwealth and here in Barnstable County. Cape Cod and Falmouth Hospitals report 50 patients with COVID-19, 7 of which are in the ICU's.

Outer Cape Health Services has announced that they are offering FREE rapid testing for asymptomatic individuals through January 10th. An appointment is necessary and can be made by calling: 508-905-2888. Additional testing options for those who are symptomatic, have been exposed to a positive case or to meet the travel order are also available at Outer Cape as well as two locations offered by Cape Cod Healthcare at the Melody Tent and the Barnstable Fairgrounds.

To book an appointment for Hyannis or Falmouth locations, call the Community Testing Line at (508) 534-7103.

To book an appointment for the Lower/Outer Cape, call (508) 905-2888.

The Covid-19 vaccine has been administered to frontline healthcare workers and long term care facility staff and residents. The next roll-out of vaccine is scheduled for the week of January 4th for first responders, those clinics are planned for the week of January 10th. Once everyone in Phase 1 has been vaccinated, the State Department of Public Health will work with local boards of health, pharmacies and healthcare providers to distribute vaccine to Phase 2 populations.

For a comprehensive list of who is eligible to receive a vaccine during each phase, please visit: <https://www.mass.gov/info-details/when-can-i-get-the-covid-19-vaccine>

Although the number of residents testing positive this week is lower than the last 3 weeks, I fear we have yet to see the effects of the holiday last week. With New Year's approaching, we will continue to expect higher numbers in 1-2 weeks' time.

I encourage everyone to celebrate the New Year safely and responsibly. Let's all bid farewell to 2020 and welcome 2021 with hope for a better future.

Meggan Eldredge
Health Director



Town of Harwich
Board of Health
 732 Main Street Harwich, MA 02645
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December 18, 2020

Weekly COVID-19 Case Update

To date there have been a total of 265 cases of COVID-19 in the Town of Harwich. Over the last two weeks there have been 1128 tests administered to Harwich residents, 55 of which have been positive. This brings our positivity rate to 4.88%, below the 5% threshold required to be labeled as a High Risk Community. We have been downgraded to “yellow”, however our incidence of positive cases is higher than last week, showing 47 new cases in a two week period.



Massachusetts Department of Public Health COVID-19 Dashboard – Thursday, December 17, 2020
Count and Rate of Confirmed COVID-19 Cases and Tests Performed in MA by City/Town, January 1, 2020 – December 15, 2020

City/Town	Total Case Count	Case Count (Last 14 Days)	Average Daily Incidence Rate per 100,000 (Last 14 days) ¹	Relative Change in Case Counts ²	Total Tests	Total Tests (Last 14 days)	Total Positive Tests (Last 14 days)	Percent Positivity (Last 14 days)	Change in Percent Positivity ³
Hampden	203	23	33.5	Higher	5244	607	25	4.12%	Higher
Hancock	9	<5	33.4	Lower	152	15	3	20.00%	Lower
Hanover	395	119	59.1	Higher	11163	1477	132	9.04%	Higher
Hanson	343	100	66.4	Higher	8090	1093	105	9.61%	Higher
Hardwick	32	10	21.4	Higher	1821	159	12	7.55%	Higher
Harvard	52	10	10.3	Lower	4761	444	10	2.25%	Lower
Harwich	265	47	26.7	Higher	8992	1128	55	4.88%	Lower
Hatfield	47	5	11.0	No Change	3292	351	5	1.42%	Lower

As of today, we are following 32 active cases of COVID-19 in Harwich. These cases range in age from 15 years old to 97 years old, and the majority are the result of household transmission. We are seeing lingering effects of social gathering exposures from the Thanksgiving that have transferred to school age kids and long term care facilities.



Massachusetts Department of Public Health COVID-19 Dashboard –
Active COVID Clusters by Exposure Setting Type

Thursday, December 17, 2020

Exposure Setting	New Clusters (Identified 11/15 – 12/12)			Ongoing Clusters (Cluster Identified Prior to 11/15 But Not Meeting Criteria for Closing)			Total		
	Clusters	Confirmed Cases	Contacts	Clusters	Confirmed Cases	Contacts	Clusters	Confirmed Cases	Contacts
24/7 Congregate Settings	36	225	52	58	59	28	94	284	80
Child Care	130	364	504	120	81	215	250	445	719
Colleges & Universities	7	63	12	33	7	27	40	70	39
Corrections	1	2	0	15	860	128	16	862	128
Hospitals	15	175	30	24	161	28	39	336	58
Household	15,740	40,339		6,747	3,700		22,487	44,039	
Industrial Settings	16	65	25	65	162	56	81	227	81
K-12 Schools	31	151	130	51	23	123	82	174	253
Long Term Care Facilities	142	1,378		171	1,776		313	3,154	
Offices	2	5	0	14	1	2	16	6	2
Organized Athletics/Camps	5	26	91	25	15	108	30	41	199
Other	1	5	0	8	5	30	9	10	30
Other Food Establishments	5	26	6	8	8	1	13	34	7
Other Healthcare	16	74	64	23	19	10	39	93	74
Other Workplaces	19	86	59	24	52	7	43	138	66
Places of Worship	1	6	0	15	12	11	16	18	11
Recreation/Cultural	4	23	0	4	0	0	8	23	0
Restaurants & Food Courts	30	182	53	54	21	110	84	203	163
Retail & Services	13	37	10	21	15	16	34	52	26
Senior Living	45	257	139	46	184	36	91	441	175
Shelters	0	0	0	5	3	11	5	3	11
Social Gatherings	46	262	71	49	16	22	95	278	93
Travel & Lodging	0	0	0	3	0	0	3	0	0
Total	16,305	43,751	1,246	7,583	7,180	969	23,888	50,931	2,215

The Covid-19 vaccine has been shipped out to hospitals in Massachusetts including Cape Cod Hospital. Health Agents on the Cape have been working together to discuss regional vaccination plans to include both First Responders in January and public clinics in April.

Testing clinics have been announced at the Barnstable County Fairgrounds in Falmouth and the Cape Cod Melody Tent in Hyannis. Outer Cape Health Services is also participating in the testing opportunities provided State Delegation. **Testing will be by appointment only. Anyone who arrives without an appointment will be turned away. To book an appointment, call the Community Testing Line at (508) 862-5595.**

Cape Cod Melody Tent, Hyannis

Hours: Monday-Friday, 8am-4pm

Saturday and Sunday, 8am-noon beginning

Barnstable County Fairgrounds, Falmouth

Hours: Tuesday and Wednesday only, 10am-2pm

Outer Cape Health-Harwich, Wellfleet and Provincetown

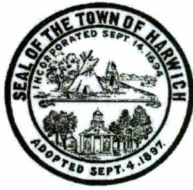
TBA

Tests for asymptomatic individuals are available for \$75, and are offered for free to individuals who confirm their inability to pay when they call to book an appointment. Tests are \$110 for those traveling from outside of Massachusetts and receiving this test to comply with state requirements upon return. Insurance will be accepted for symptomatic individuals with a doctor's order. For more information please visit: <https://www.barnstablecountyhealth.org/covid-19/latest-updates-and-info>

As we go into another Holiday week, please be mindful of the effects of social gatherings. Coronavirus spreads easily and silently among in group settings, especially indoors. To avoid another surge in cases and further restrictions on activities, please heed the advice of public health official and stick to safe activities. Avoid large parties and crowded settings. Always wear your mask, even indoors if you are around people from other households, and stay home if you or someone in your family is sick or waiting for a COVID test result.

Let's hope 2021 is a better year! Happy Holiday's and Happy New Year to everyone.

Meggan Eldredge
Health Director



Town of Harwich Board of Health

732 Main Street Harwich, MA 02645
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December 11, 2020

Weekly COVID-19 Case Update

To date there have been a total of 237 cases of COVID-19 in the Town of Harwich. Harwich has been moved to the “red” which designates us as a **High Risk Community**. This designation is made when a community of our size reaches a positivity rate of over 5% and has had more than 25 positive cases in a two week period. We have a positivity rate of 5.21% and 48 new cases in the last 2 weeks.



Massachusetts Department of Public Health COVID-19 Dashboard – Thursday, December 10, 2020

Count and Rate of Confirmed COVID-19 Cases and Tests Performed in MA by City/Town, January 1, 2020 – December 8, 2020

City/Town	Total Case Count	Case Count (Last 14 Days)	Average Daily Incidence Rate per 100,000 (Last 14 days) ¹	Relative Change in Case Counts ²	Total Tests	Total Tests (Last 14 days)	Total Positive Tests (Last 14 days)	Percent Positivity (Last 14 days)	Change in Percent Positivity ³
Hampden	189	20	29.17	Lower	4919	568	22	3.87%	Lower
Hancock	9	<5	44.59	Higher	146	18	4	22.22%	Higher
Hanover	323	81	40.24	Higher	10364	1186	87	7.34%	Higher
Hanson	283	63	41.81	Higher	7428	804	65	8.08%	Higher
Hardwick	25	7	14.97	Higher	1729	165	8	4.85%	Higher
Harvard	52	16	16.44	Higher	4555	450	16	3.56%	Higher
Harwich	237	41	23.26	Higher	8453	921	48	5.21%	Higher
Hatfield	44	5	11.04	Higher	3116	318	5	1.57%	Higher

As of today, we are following 32 active cases of COVID-19 in Harwich. The majority of these cases are the result of family gatherings that included an asymptomatic individual who spread the virus to other members of the household. Several cases were acquired through healthcare settings or travel related, and several are of unknown origin.

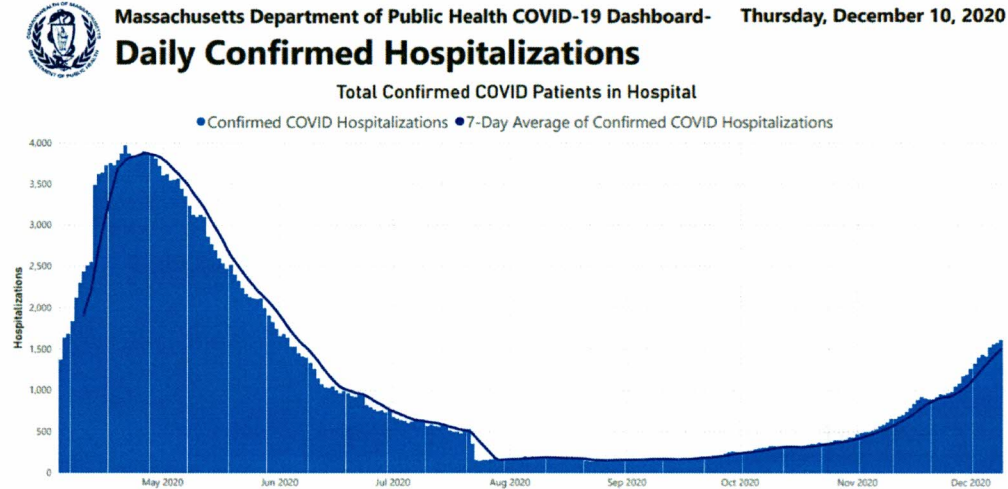


Massachusetts Department of Public Health COVID-19 Dashboard –
Active COVID Clusters by Exposure Setting Type

Thursday, December 10, 2020

Exposure Setting	New Clusters (Identified 11/08 –12/05)			Ongoing Clusters (Cluster Identified Prior to 11/08 But Not Meeting Criteria for Closing)			Total		
	Clusters	Confirmed Cases	Contacts	Clusters	Confirmed Cases	Contacts	Clusters	Confirmed Cases	Contacts
24/7 Congregate Settings	32	186	39	54	67	33	86	253	72
Child Care	100	283	467	89	47	110	189	330	577
Colleges & Universities	11	79	16	36	25	42	47	104	58
Corrections	5	186	0	11	717	128	16	903	128
Hospitals	13	191	14	17	65	17	30	256	31
Household	12,583	31,921		4,812	2,906		17,395	34,827	
Industrial Settings	19	71	12	57	130	83	76	201	95
K-12 Schools	29	121	131	47	24	58	76	145	189
Long Term Care Facilities	150	1,437		138	1,272		288	2,709	
Offices	2	4	5	13	13	1	15	17	6
Organized Athletics/Camps	8	31	77	29	13	136	37	44	213
Other	2	24	0	7	7	37	9	31	37
Other Food Establishments	2	5	1	7	2	2	9	7	3
Other Healthcare	7	40	35	23	28	15	30	68	50
Other Workplaces	15	70	47	19	39	2	34	109	49
Places of Worship	3	15	1	15	15	15	18	30	16
Recreation/Cultural	2	17	0	4	0	0	6	17	0
Restaurants & Food Courts	18	105	109	56	28	38	74	133	147
Retail & Services	11	28	8	22	19	15	33	47	23
Senior Living	34	159	126	41	196	4	75	355	130
Shelters	1	2	9	4	14	4	5	16	13
Social Gatherings	25	134	71	44	34	52	69	168	123
Travel & Lodging	0	0	0	3	0	3	3	0	3
Total	13,072	35,109	1,168	5,548	5,661	795	18,620	40,770	1,963

Hospitalizations on Cape Cod and throughout the State continue to rise each day. Cape Cod Healthcare is reporting 27 COVID patients within the two hospitals, 7 of which are in the ICU. As you can see from the graph below, we are in an upward trend for hospitalizations.



The Governor announced a statewide rollback to Step 1 of Phase 3 that begins on Sunday, December 13th. This action is in response to the increase in new cases and those needing hospitalization. Our hospital capacity is being taxed and two field hospitals have been opened to deal with the surge. The rollback includes strict restaurant standards and smaller occupancy percentages in most businesses. Additionally, the gatherings order has been revised to reduce down to 50 people maximum for outdoor gatherings with a requirement to notify the local board of health when a gathering is expected to be over 25 people.

The Covid-19 vaccine will be shipped out to hospitals in Massachusetts beginning next week. Cape Cod Hospital is scheduled to receive doses for this first round of distribution. The distribution plan is laid out as follows:

PHASE ONE
In order of priority

- Clinical and non-clinical healthcare workers doing direct and COVID-facing care
- Long term care facilities, rest homes and assisted living facilities
- Police, Fire and Emergency Medical Services
- Congregate care settings (including corrections and shelters)
- Home-based healthcare workers
- Healthcare workers doing non-COVID-facing care

PHASE TWO
In order of priority

- Individuals with 2+ comorbidities (high risk for COVID-19 complications)
- Early education, K-12, transit, grocery, utility, food and agriculture, sanitation, public works and public health workers
- Adults 65+
- Individuals with one comorbidity

PHASE THREE
Vaccine available to general public

December - February **February - April** **April - June**
Estimated timeframes

Harwich will partner with Barnstable County and the Visiting Nurses Association for vaccine clinics when the time comes. Due to the sub-zero temperature that the vaccine requires for storage, the town is unable to store it ourselves. Health Agents across the Cape have been coordinating with the County on this topic to ensure we are prepared for distribution to the general public.

Becoming a High Risk Community means we have widespread infection across the town. It is extremely important to maintain your vigilance and limit social gatherings. Always wear a face covering when you are around people who do not live in your home and keep a distance of at least 6' to reduce the likelihood of infection. Adhere to the Stay at Home Advisory and make sure that you and your children are in your own home by 10 pm. Avoid carpooling when possible, and if you must carpool, wear masks.

This pandemic has been wearing on all of us. If we can't follow the public health guidance to stop the spread, it will last longer than it needs to. Please, do your part and limit your in-person social interactions, wear a mask and wash your hands.

Have a good week,
Meggan Eldredge
Health Director



Town of Harwich
Board of Health

732 Main Street Harwich, MA 02645
508-430-7509 – Fax 508-430-7531
E-mail: health@town.harwich.ma.us

December 10, 2020

Good afternoon, this is Health Director Meggan Eldredge with a COVID-19 update. The Town of Harwich is currently experiencing a surge of new coronavirus cases following the Thanksgiving holiday. We have just been designated as a High Risk Community by the Department of Public Health with a positivity rate of over 5%. This is higher than the statewide average. Our cumulative case count is now 228 and we are currently following 27 active cases. Community spread of the virus is evident at this time and I ask that everyone do their part to stop the spread by limiting social interactions with people outside of your household. Always wear a mask and keep your distance from those you do not live with. This is the number one way the virus is spreading at this time.

In reaction to the marked increase in the number of cases in Massachusetts and the rise in the number of individuals needing hospitalization, Governor Baker has announced a state-wide roll-back to Step 1 of Phase 3. This step reduces the number of people allowed at outside gatherings to 50 as well as imposes occupancy reductions inside certain businesses. Face coverings are required at all times when at a restaurant except when physically eating or drinking. A number of other restrictions have been put in place, please visit the Town's website or the Mass.gov website for details on this.

Please share this information with your family and friends. It is extremely important that we stop this upward rise in cases as soon as possible. Community spread of infection places a strain on our local businesses, schools, and mental health of our residents. We all need take responsible steps to stop the spread. If you feel sick or think you have been exposed, get tested. There is a link to free testing sites on our website or you can call 211 to speak to a live person for this information.

Massachusetts is scheduled to receive our first shipment of COVID-19 vaccine next week. The first round will be given to healthcare workers. Distribution to the general public is expected to begin in April of 2021. The vaccine distribution plan can also be reviewed on our website.

<https://www.harwich-ma.gov/>

<https://www.mass.gov/info-details/covid-19-updates-and-information>

Thank you and stay safe!

Meggan Eldredge
Health Director

III-B.



**Town of Harwich
Board of Health**

732 Main Street Harwich, MA 02645
508-430-7509 – Fax 508-430-7531
E-mail: health@town.harwich.ma.us

TO: Joseph Powers, Interim Town Administrator
Carol Coppola, Finance Director

FROM: Meggan Eldredge, Health Director

DATE: December 4, 2020

RE: FY22 Budget Request

Attached you will find the FY22 budget request for the Health Department and Board of Health. In order to level fund these budgets and account for contractual salary/benefit increases as well as two cell phones, expenses were adjusted as described below.

My vision for the future of the Health Department is to add a full time Health Inspector to the department. The department is currently stretched thin due to COVID, however we had the need for additional help before the pandemic began. Recognizing the extreme budgeting required to maintain level funding for FY22, I am instead requesting to maintain my current budget and rearrange the way it is used to allow for a seasonal part-time health inspector position (14 hours/week).

At this time we have one year round 19 hour per week inspector and from July-December had a one day a week temporary/seasonal inspector to witness soil tests. This temporary employee was previously paid out of Other Purchased Services, however he became employed by the Harwich Council on Aging on a part-time basis and so could not be paid as a contractor. Instead of contracting out services, I am proposing to reduce the "other purchased services" and keep the S&W line level funded. I propose to hire a second part time Health Inspector on a seasonal basis (May-October) two days per week. This will cover our busiest time when we typically need the contract services.

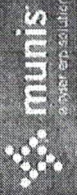
In addition to the contract services, Other Purchases Services has typically been used for wellness programs for our school age kids. FY21 has not utilized this line item due to COVID and the reduced need to perform inspection as well as CARES Act money covering any overtime incurred from extra workloads. A 50% reduction in this line will allow us to continue wellness programs and not be detrimental to our operations if our part-time S&W are level funded.

Dues Subscriptions and In-State travel has been reduced by 37%. With the current "remote" environment we are in, I believe the traditional in-person conferences will be limited in the future. This will save money in both mileage and conference fees. Reducing this line should not be detrimental to our operations.

Cell phones have become necessary due to the remote atmosphere we are working in. If CARES Act funding continues, perhaps this item could be paid from that. In any case, the Director and Sr. Health Agent are often in the field and should have cell phone availability.

Board of Health		Proposed FY21 requested				
015101	511800	PART-TIME YEAR-ROUND S&W	43,117	43,117		
015101	511900	SALARIES & WAGES	158,905	162,256		
015101	513000	OVERTIME	1,160	1,160		
015101	514000	LONGEVITY	-	475		
015101	515007	SICK LEAVE BONUS PER CONTRACT	700	700		
015102	517900	OTHER FRINGE BENEFITS	950	950		
015102	530600	MEDICAL OR RELATED SERVICES	4,000	4,000		
015102	538000	OTHER PURCHASED SERVICES	6,900	3,400		50% REDUCTION
015102	534400	CELL PHONES	-	1,200		NEW EXPENSE
015102	548100	BULK FUEL	460	460		
015102	573000	DUES,SUBSCR. & IN STATE TRAVEL	4,080	2,550		37% REDUCTION
			220,272	220,268		Level funded

Thank you for your consideration and I am happy to answer any questions you may have.



BUDGET PROJECTION 20221 FY 2022 OPERATING BUDGETS

ORG	OBJECT PROJ	ACCOUNT DESCRIPTION	CURRENT ADJ BUDGET	PROJECTED ACTUAL	REQUEST	PERCENT CHANGE
015101	511800	PART-TIME YEAR-ROUND S&W	43,117.05	39,697.72	43,117.05	.00
	0100-5-510-0000-000-0-1-511800-	HEA FT HEALTH INSPECTOR 1: B10/1 - B10/2:	1.00	40,617.05	40,617.05	
		ANNU DATE: 8/31 TTL: \$29620.33				
		PLUS				
		PT HEALTH INSPECTOR -2: B10/1: \$10,996.				
		72				
		TOTAL \$ 40,617.05				
		ALL ASPECTS OF FOOD SERVICE REVIEW, INSPECTIONS, & COMPLAINTS; SEPTIC INSPECTIONS & TEST HOLES				
		BOARD OF HEALTH BOARD MEMBERS	5.00	500.00	2,500.00	
		LEVEL FUNDED				
		TA Budget Reduction	1.00	3,256.00	-3,256.00	
		Restore Budget Reduction	1.00	3,256.00	3,256.00	
015101	511900	SALARIES & WAGES	158,904.80	151,553.40	162,256.13	2.11
	0100-5-510-0000-000-0-1-511900-	HEALTH DIRECTOR: SEIU - M4/8- M4/9	1.00	92,338.85	92,338.85	
		ANN DATE: SEP 01				
		TTL: \$92,338.85				
		DEPT. HEAD AND SR. HEALTH AGENT CONTRACTUAL				
		SALARY				
		HEA SR. HEALTH AGENT GR B11/ 6	1.00	69,917.28	69,917.28	
		ANNIVERSARY DATE: FEB 5				
		TOTAL: \$69,917.28				
		SR. HEALTH AGENT POSITION CONTRACTUAL SALARY				
015101	513000	OVERTIME	1,159.50	.00	1,159.50	.00
	0100-5-510-0000-000-0-1-513000-	PER HEA CONTRACT:	1.00	1,159.50	1,159.50	
		4 hr minimum for call outs				
		Sr. Health Agent 30 hours at \$38.65/hr				
		TTL: \$1,159.50				
015101	514000	LONGEVITY	.00	5,969.00	475.00	.00
	0100-5-510-0000-000-0-1-514000-	Longevity for Senior Health Agent	1.00	475.00	475.00	
		FIRST YEAR LONGEVITY				
015101	515007	SICK LEAVE BONUS PER CONTRACT	700.00	650.00	700.00	.00
	0100-5-510-0000-000-0-1-515007-	HEA CONTRACTUAL	1.00	350.00	350.00	
		SEIU CONTRACTUAL	1.00	350.00	350.00	
015101	534400	TELEPHONE	.00	.00	.00	.00
	0100-5-510-0000-000-0-1-534400-					
		BUDGET CEILING:	203,881.35	197,870.12	203,881.35	1.88
		TOTALS:			207,707.68	

** END OF REPORT - Generated by Meggan Eldredge **



BUDGET PROJECTION 20221 FY 2022 OPERATING BUDGETS

ORG	OBJECT PROJ	ACCOUNT DESCRIPTION	CURRENT ADJ BUDGET	PROJECTED ACTUAL	REQUEST	PERCENT CHANGE
015102	517900	OTHER FRINGE BENEFITS	950.00	950.00	950.00	.00
	0100-5-510-0000-000-0-2-517900-	FOUL WEATHER GEAR AND SAFETY EQUIPMENT FOR FIELD WORK AND IN ADVERSE WEATHER CONDITIONS	1.00	200.00	200.00	.00
	FY21 LEVEL FUNDED					
	SAFETY FOOTWEAR (CONTRACTUAL)		3.00	250.00	750.00	.00
015102	530600	MEDICAL OR RELATED SERVICES	4,000.00	5,500.00	4,000.00	.00
	0100-5-510-0000-000-0-2-530600-	VISITING NURSE ASSOC CONTRACT	1.00	4,000.00	4,000.00	.00
	IMMUNIZATION CLINICS, MATERNAL & CHILD HEALTH SERVICES, COMMUNICABLE DISEASE & EPIDEMIOLOGY WORK					
	FY22 LEVEL FUNDED					
015102	530900	OTHER PROFESSIONAL/TECH SVC	.00	.00	.00	.00
	0100-5-510-0000-000-0-2-530900-					
015102	534100	ADVERTISING	.00	1,000.00	.00	.00
	0100-5-510-0000-000-0-2-534100-					
015102	534400	TELEPHONE & TELEDATA SERVICES	.00	.00	1,200.00	.00
	0100-5-510-0000-000-0-2-534400-	2 Cell phones	1.00	1,200.00	1,200.00	.00
015102	538000	OTHER PURCHASED SERVICES	6,900.00	8,500.00	3,400.00	-50.72
	0100-5-510-0000-000-0-2-538000-	CONTRACT INSPECTOR, EDUCATION & WELLNESS	1.00	3,400.00	3,400.00	.00
	This on-demand contract inspector service enables us to meet construction demands in the field without adding permanent staff with benefits. Used for witnessing soil tests, conducting final septic inspections and providing wellness education programs.					
	REDUCTION OF 3500.00 IN FY 22 IN ORDER TO LEVEL FUND					
	TA BUDGET REDUCTION		1.00	900.00	-900.00	.00
	Restore Budget Reduction		1.00	900.00	900.00	.00
015102	542000	OFFICE SUPPLIES	.00	.00	.00	.00
	0100-5-510-0000-000-0-2-542000-					
015102	548100	BULK FUEL	460.25	438.33	460.25	.00
	0100-5-510-0000-000-0-2-548100-	REDISTRIBUTION FROM COMMUNITY DEVELOPMENT AND BACK INTO INDIVIDUAL DEPARTMENTS.	1.00	460.25	460.25	.00
	PER BUDGET MESSAGE - ANTICIPATED 5% INC IN COST FOR FY21					



ORG	OBJECT PROJ	ACCOUNT DESCRIPTION	CURRENT ADJ BUDGET	PROJECTED ACTUAL	REQUEST	PERCENT CHANGE
015102	573000	DUES, SUBSCR. & IN STATE TRAVEL	4,080.00	3,750.00	2,550.00	-37.50
	0100-5-510-0000-000-0-2-573000-	DUES, PROFESSIONAL LICENSE RENEWALS,				
		TRAVEL, EDUCATIONAL SEMINARS, CEU'S	1.00	2,550.00	2,550.00	
		MILEAGE REIMBURSEMENT; MEMBERSHIPS				
		CEU'S, MEETING AND WORKSHOP ATTENDANCE,				
		FEES INCREASED FOR ANNUAL HEALTH				
		CONFERENCE AND NEW EMPLOYEE REQUIRES				
		TRAINING				
		FY22 REDUCTION OF \$1530.00 IN ORDER TO LEVEL FUND	1.00	1,094.00	-1,094.00	
		TA BUDGET REDUCTION	1.00	1,094.00	1,094.00	
		Restore Budget Reduction			16,390.25	
		BUDGET CEILING:	16,390.25	20,138.33	12,560.25	
		TOTALS:				-23.37

** END OF REPORT - Generated by Meggan Eldredge **

**JANUARY 19, 2021
BOARD OF HEALTH MEETING**

To: Board of Health
From: Meggan Eldredge, Health Director
Applicant: Robert Stello/Stello Construction
Owner: Collin & Robin Fuller
Address: 26 Kevin Road

On behalf of the owner, Stello Construction is applying for a reconsideration of a previous conditions placed on February 11, 2014. The condition reads “there is to be no increase in habitable space, flow design, number of bedrooms (one bedroom maximum. Loft/storage space not to be used as a bedroom-storage access by ships ladder only) and square footage to the dwelling. The condition was a result of a previous request to modify the floor plan.

Other conditions that were placed on the request were:

1. Limited to six months seasonal use May 30-November 30.
2. Abandon private well-to be filled with clay and capped
3. Utilize Town water with shut off order provision
4. Outdoor shower is not allowed

The applicant is requesting to change the ships ladder access to the upstairs storage area to a set of stairs for health reasons to better access the loft for storage and exercise area.

History of the property:

2013-request to demolish an existing one bedroom seasonal cottage and construct a new seasonal cottage.

Property is located in a Zone II water recharge area, is entirely within 100’ of Hinckley’s Pond, and is served by a private drinking well.

2013 -Board of Health variances granted to allow the new seasonal cottage to be served by tight tanks. The floor plan did not include a loft area. Water Shut-off required Columbus Day to Memorial Day.

2014 – Reconsideration of variances requested. Loft area addition and extension of seasonal restriction to include 6 months. Reconsideration granted with conditions: town water be installed and the loft be accessed by ships ladder only, and used for storage only.

I cannot recommend approval of this request. The space required to convert the ships ladder into stairs is adequate for stretching and exercise-the activities the owner indicates space is needed for. The loft area must remain storage only.



**Town of Harwich
Board of Health**

732 Main Street Harwich, MA 02645
508-430-7509 – Fax 508-430-7531
E-mail: health@town.harwich.ma.us

Office Use Only	
Filing Fee Paid/Amount:	125-
Check #/Cash:	38239
Date App Received:	12/28/2020
Meeting Date:	1/14/2021
Date Approved:	
Date Denied:	
Reason for Denial:	

Application for Board of Health Variances

Date: 12/21/20

Property Address: 26 KEVIN RD.

Map: 81 Parcel: A32

Book: 920 Page: 34 Land Court No: _____

Name of Applicant: ROBERT K. STELLO

Applicant Mailing Address: PO Box 776

SOUTH CHATHAM MA 02659

City State Zip Code

Applicant Telephone Number: 508-432-2218

Applicant E-Mail Address: RSTELLO@STELLOCONSTRUCTION.COM

Owner(s) of Record: COLLIN AND ROBIN FULLER

Owner(s) Mailing Address: 1625 PAINTED ROCK TRAIL

RENO NV 89523

City State Zip Code

Design Engineer/Sanitarian: DAN CROTEAU

Firm/Company Name: MORAN ENGINEERING

Mailing Address: 941 MAIN ST.

HARWICH MA

City State Zip Code

Telephone Number: 508-432-2878

Design Engineer/Sanitarian E-Mail Address: MORANENG@GMAIL.COM



Please Choose Application Type:

Voluntary Upgrade: _____ Addition/Alteration: _____ Failed System: _____ EIR: _____
 Other: _____

Conservation Commission Approval Required: No: ___ Yes: ___ Date of CC Hearing: _____

List All Variances from State & Local Codes

Title 5, Section #	Description of Variance(s):
	<i>WISH TO CHANGE A SHIP LADDERS ACCESS TO AN</i>
	<i>UPSTAIRS STORAGE AREA TO A SET OF STAIRS FOR</i>
	<i>HEALTH REASONS</i>
Harwich Reg. #	Description of Variance(s):

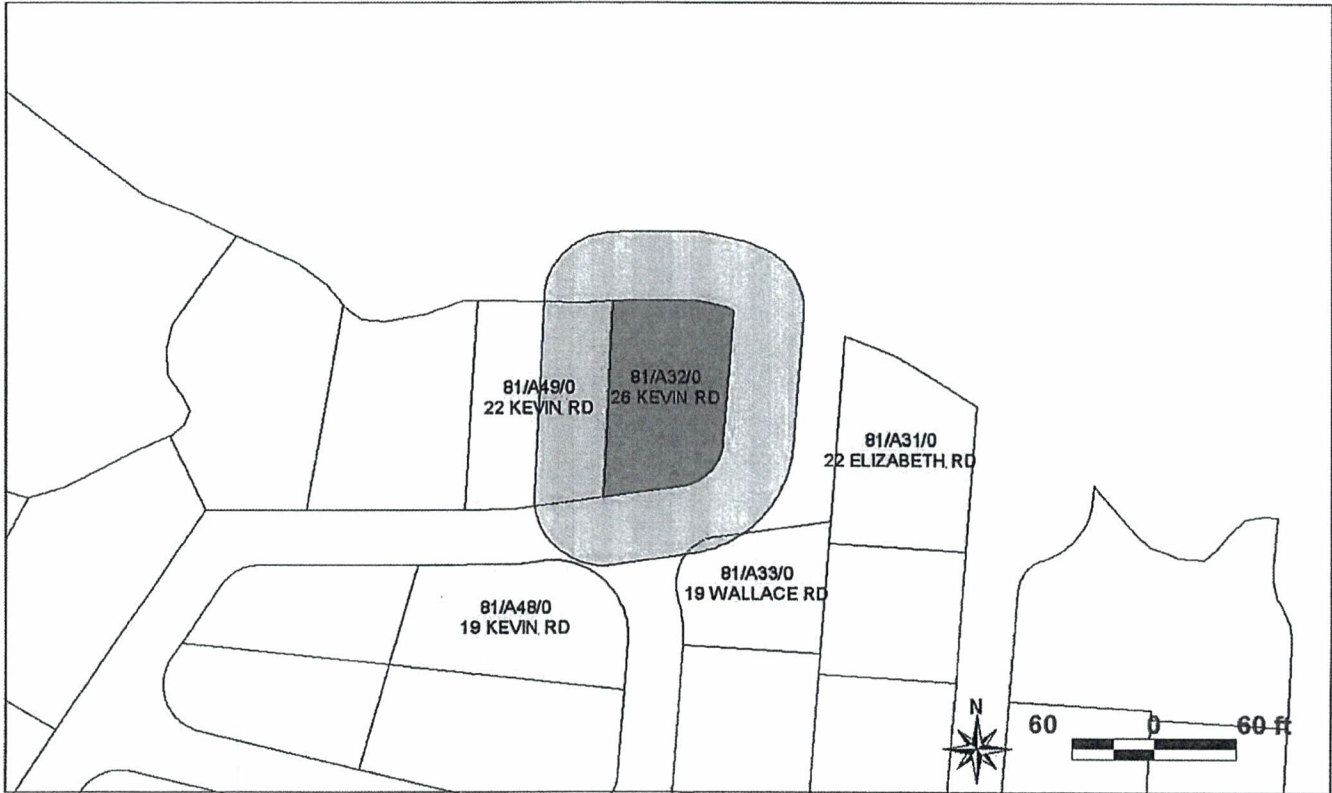
In addition to this form, 8 packets of the following must be submitted by 4:00 p.m. on the filing deadline date:

- Letter to Board of Health
- Letter to abutters (bring certified mail receipts to the meeting)
- Copy of certified abutter list
- Existing variance letter (if applicable)
- Floor plans (all floors/existing & proposed)
- Site plan
- Filing Fee \$125.00 (Variance)/\$300.00 (EIR)



TOWN OF HARWICH, MA
 BOARD OF ASSESSORS
 732 Main Street, Harwich, MA 02645

Abutters List Within 50 feet of Parcel 81/A32/0



Key	Parcel ID	Owner	Location	Mailing Street	Mailing City	ST	ZipCd/Country
9767	81-A31-0-R	CONNELL DAVID M	22 ELIZABETH RD	PO BOX 946	MARCO ISLAND	FL	34146
6577	81-A32-0-R	FULLER COLIN M MD TRS ET AL FULLER ROBIN K TRS	26 KEVIN RD	PO BOX 979	VERDI	NV	89439
6579	81-A33-0-R	MCKEE JEAN E	19 WALLACE RD	19 WALLACE RD	HARWICH	MA	02645
6597	81-A48-0-R	DELUDE PETER J & DELUDE SELINA M	19 KEVIN RD	19 KEVIN RD	HARWICH	MA	02645
6600	81-A49-0-R	MURPHY DOUGLAS E & MURPHY JEANNE T	22 KEVIN RD	7 KRISTYN LN	N READING	MA	01864



SOUTH CHATHAM
2455 MAIN ST
SOUTH CHATHAM, MA 02659-9998
(800) 275-8777

02:28 PM

Product Qty Unit Price

First-Class Mail® 1 \$0.55

Letter

Harwich, MA 02645

Weight: 0 lb 0.30 oz

Estimated Delivery Date

Mon 12/21/2020

Certified Mail®

Tracking #: 70153430000020152832

Total \$4.10

First-Class Mail® 1

Letter

Marco Island, FL 34146

Weight: 0 lb 0.30 oz

Estimated Delivery Date

Tue 12/22/2020

Certified Mail®

Tracking #: 70153430000020152849

Total \$4.10

First-Class Mail® 1

Letter

North Reading, MA 01864

Weight: 0 lb 0.30 oz

Estimated Delivery Date

Mon 12/21/2020

Certified Mail®

Tracking #: 70153430000020152856

Total \$4.10

First-Class Mail® 1

Letter

Harwich, MA 02645

Weight: 0 lb 0.30 oz

Estimated Delivery Date

Mon 12/21/2020

Certified Mail®

Tracking #: 70153430000020152863

Total \$4.10

Grand Total: \$16.40

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com
Harwich MA 02645

Certified Mail Fee \$3.55

0659

Extra Services & Fees (check box, add fee as appropriate)
 Return Receipt (hardcopy) \$ \$0.00
 Return Receipt (electronic) \$ \$0.00
 Certified Mail Restricted Delivery \$ \$0.00
 Adult Signature Required \$ \$0.00
 Adult Signature Restricted Delivery \$ \$0.00

Postage \$0.55

Total Postage and Fees \$4.10

Sent To Jean McKee

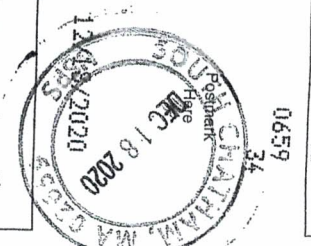
Street and Apt. No. or PO Box No. 10 Wallace Rd.

City, State ZIP+4® Harwich, MA 02645

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7015 3430 0000 2015 2832



U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com
Harwich MA 02645

Certified Mail Fee \$3.55

0659

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 Return Receipt (hardcopy) \$ \$0.00
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 Adult Signature Required \$ \$0.00
 Adult Signature Restricted Delivery \$ \$0.00

Postage \$0.55

Total Postage and Fees \$4.10

Sent To David Connell

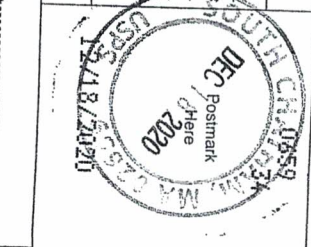
Street and Apt. No. or PO Box No. P.O. Box 946

City, State ZIP+4® Harwich, MA 02645

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7015 3430 0000 2015 2849



U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com
North Reading MA 01864

Certified Mail Fee \$3.55

0659

Extra Services & Fees (check box, add fee as appropriate)
 Return Receipt (hardcopy) \$ \$0.00
 Return Receipt (electronic) \$ \$0.00
 Certified Mail Restricted Delivery \$ \$0.00
 Adult Signature Required \$ \$0.00
 Adult Signature Restricted Delivery \$ \$0.00

Postage \$0.55

Total Postage and Fees \$4.10

Sent To Mr & Mrs. Douglas Murphy

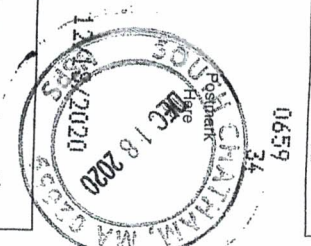
Street and Apt. No. or PO Box No. 10 Wallace Rd.

City, State ZIP+4® North Reading, MA 01864

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7015 3430 0000 2015 2856



U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com
Harwich MA 02645

Certified Mail Fee \$3.55

0659

Extra Services & Fees (check box, add fee as appropriate)
 Return Receipt (hardcopy) \$ \$0.00
 Return Receipt (electronic) \$ \$0.00
 Certified Mail Restricted Delivery \$ \$0.00
 Adult Signature Required \$ \$0.00
 Adult Signature Restricted Delivery \$ \$0.00

Postage \$0.55

Total Postage and Fees \$4.10

Sent To Mr & Mrs. Peter Delude

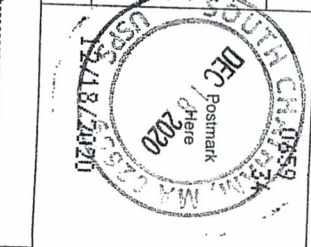
Street and Apt. No. or PO Box No. 10 Wallace Rd.

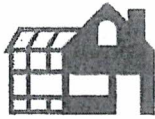
City, State ZIP+4® Harwich, MA 02645

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7015 3430 0000 2015 2863





STELLO CONSTRUCTION, INC.

Additions, Sunrooms, Remodeling
P.O. Box 776
South Chatham, MA 02659
(508) 432-2218
www.stelloconstruction.com

December 18, 2020
Mr. David Connell
PO Box 946
Marco Island, FL 34146

Dear Mr. Connell,

You are being notified, per Harwich Board of Health Regulations, as an abutter of the property at 26 Kevin Rd., Harwich, MA, that the owners of the property are requesting a reconsideration of a variance condition with the Harwich Board of Health, stating that a ships ladder is the only access to the loft. Medical and safety reasons have the owner, Colin and Robin Fuller, requesting a reconsideration to install a set of stairs to the loft. The hearing is scheduled for Tuesday, January 19, 2021 at 7:00 p.m. Pursuant to Governor Baker's March 12, 2020 order suspending certain provisions of the open meeting law, G.L. c. 30A, section 20, and the Governor's March 15, 2020 order imposing strict limitations on the number of people that may gather in one place, this meeting of the Harwich Board of Health is being conducted via remote participation. No in-person attendance of members of the public will be permitted, but every effort will be made to ensure that the public can adequately access the proceedings as provided for in the order. The agenda, including dial-in instructions, will be posted on the Town of Harwich website www.town.harwich.ma.us.

Sincerely,

Robert Stello

7015 3430 0000 2015 2849

Stello Construction
PO Box 776
S. Chatham, MA 02659



STELLO CONSTRUCTION, INC.

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P.O. Box 776
South Chatham, MA 02659
(508) 432-2218
www.stelloconstruction.com

December 18, 2020
Mr. and Mrs. Douglas Murphy
7 Kristyn Lane
North Reading, MA 01864

Dear Mr. & Mrs. Murphy,

You are being notified, per Harwich Board of Health Regulations, as an abutter of the property at 26 Kevin Rd., Harwich, MA, that the owners of the property are requesting a reconsideration of a variance condition with the Harwich Board of Health, stating that a ships ladder is the only access to the loft. Medical and safety reasons have the owner, Colin and Robin Fuller, requesting a reconsideration to install a set of stairs to the loft. The hearing is scheduled for Tuesday, January 19, 2021 at 7:00 p.m. Pursuant to Governor Baker's March 12, 2020 order suspending certain provisions of the open meeting law, G.L. c. 30A, section 20, and the Governor's March 15, 2020 order imposing strict limitations on the number of people that may gather in one place, this meeting of the Harwich Board of Health is being conducted via remote participation. No in-person attendance of members of the public will be permitted, but every effort will be made to ensure that the public can adequately access the proceedings as provided for in the order. The agenda, including dial-in instructions, will be posted on the Town of Harwich website www.town.harwich.ma.us.

Sincerely,

Robert Stello

7015 3430 0000 2015 2856

Stello Construction
PO Box 776
S. Chatham, MA 02659



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P.O. Box 776
South Chatham, MA 02659
(508) 432-2218
www.stelloconstruction.com

December 18, 2020
Mr. and Mrs. Peter Delude
19 Kevin Rd.
Harwich, MA 02645

Dear Mr. & Mrs. Delude,

You are being notified, per Harwich Board of Health Regulations, as an abutter of the property at 26 Kevin Rd., Harwich, MA, that the owners of the property are requesting a reconsideration of a variance condition with the Harwich Board of Health, stating that a ships ladder is the only access to the loft. Medical and safety reasons have the owner, Colin and Robin Fuller, requesting a reconsideration to install a set of stairs to the loft. The hearing is scheduled for Tuesday, January 19, 2021 at 7:00 p.m. Pursuant to Governor Baker's March 12, 2020 order suspending certain provisions of the open meeting law, G.L. c. 30A, section 20, and the Governor's March 15, 2020 order imposing strict limitations on the number of people that may gather in one place, this meeting of the Harwich Board of Health is being conducted via remote participation. No in-person attendance of members of the public will be permitted, but every effort will be made to ensure that the public can adequately access the proceedings as provided for in the order. The agenda, including dial-in instructions, will be posted on the Town of Harwich website www.town.harwich.ma.us.

Sincerely,

Robert Stello

Stello Construction
PO Box 776
S. Chatham, MA 02659

7015 3430 0000 2015 2863



STELLO CONSTRUCTION, INC.

Additions, Sunrooms, Remodeling
P.O. Box 776
South Chatham, MA 02659
(508) 432-2218
www.stelloconstruction.com

December 18, 2020
Ms. Jean McKee
19 Wallace Rd.
Harwich, MA 02645

Dear Ms. McKee,

You are being notified, per Harwich Board of Health Regulations, as an abutter of the property at 26 Kevin Rd., Harwich, MA, that the owners of the property are requesting a reconsideration of a variance condition with the Harwich Board of Health, stating that a ships ladder is the only access to the loft. Medical and safety reasons have the owner, Colin and Robin Fuller, requesting a reconsideration to install a set of stairs to the loft. The hearing is scheduled for Tuesday, January 19, 2021 at 7:00 p.m. Pursuant to Governor Baker's March 12, 2020 order suspending certain provisions of the open meeting law, G.L. c. 30A, section 20, and the Governor's March 15, 2020 order imposing strict limitations on the number of people that may gather in one place, this meeting of the Harwich Board of Health is being conducted via remote participation. No in-person attendance of members of the public will be permitted, but every effort will be made to ensure that the public can adequately access the proceedings as provided for in the order. The agenda, including dial-in instructions, will be posted on the Town of Harwich website www.town.harwich.ma.us.

Sincerely,

7015 3430 0000 2015 2832

Robert Stello

Stello Construction
PO Box 776
S. Chatham, MA 02659

04/29/20

Dear Harwich Board of Health Members,

My wife and I own a home at 26 Kevin Road in Harwich. We love it.

We are applying for a variance to replace the ships ladder with normal steepness stairs.

There is a second-floor loft area where we have storage and a workout area. There is a steep ship's ladder up to the second floor.

In March 2018, I developed neurological symptoms and was diagnosed with metastatic melanoma with multiple lesions in my brain, lungs, liver, bones, and spleen. A craniotomy removed a walnut sized lesion in the brain. The other brain lesions were treated with radiation. The other lesions were treated with immunotherapy which resulted in their complete resolution. I am still on immunotherapy and having moderate musculoskeletal side effects with it. My spirits are good and I am thankful for each day of life. My prognosis is good. Due to the original brain lesions I have a moderate, now chronic, balance problem. If I close my eyes I fall over. If I am not careful I fall. Last summer, in 2019, while at Harwich for many weeks, I had trouble negotiating the ships ladder. For safety I have asked Bob at Stello Construction to construct normal stairs to the loft area. I need to get to the loft area to get things from storage and to do my daily stretching and other exercises (all part of my treatment for my melanoma). Please consider this request for my safety. I will ask my oncologist to write a letter confirming my history of balance issues and the importance of daily stretching and exercise.

Sincerely,
Colin M. Fuller

Patient Name: FULLER, COLIN M

Date: 5/4/2020

Patient Number: 203770

Date Of Birth: 9/30/1947

To whom it may concern,

Mr. Collin Fuller is a patient currently under my care. He was diagnosed in March of 2018 with stage IV melanoma with metastasis to his brain, lung, liver, bones and lymph nodes. In March of 2018, he had a resection of his left frontal brain tumor at Stanford which confirmed his diagnosis of metastatic desmoplastic melanoma. His treatments included radiation therapy to his brain and immunotherapy, which he is still receiving. One of the side effects of the immunotherapy is musculoskeletal toxicity. Mr. Collin has moderate degree of these side effects affecting his ability to walk safely. He also has balance issues and when he is not careful, may lead to falls. These side effects are chronic and has been managed with exercise and medications. While on vacation at Harwich back in 2019, the patient had trouble maneuvering the ship's ladder. He has had multiple falls at home due to changes in his depth perception. For safety reasons, it is medically advised that the patient make some adjustment to his existing home to allow him to continue daily stretching and other exercises as part of his treatment for stage IV melanoma. These activities are very prudent for his safety and recovery. It is my hope that you will allow him the ability to modify his second floor loft area at 26 Kevin Road in Harwich to meet his needs.

If you have any questions or concerns, please feel free to call the office.

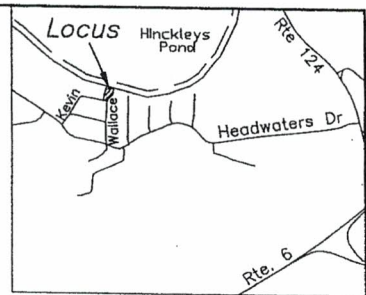
Signed By: Jeraldine Mederos on 5/4/2020 at 3:36 PM

Signed



Sowjanya Reganti, MD on 5/4/2020 at 3:36 PM

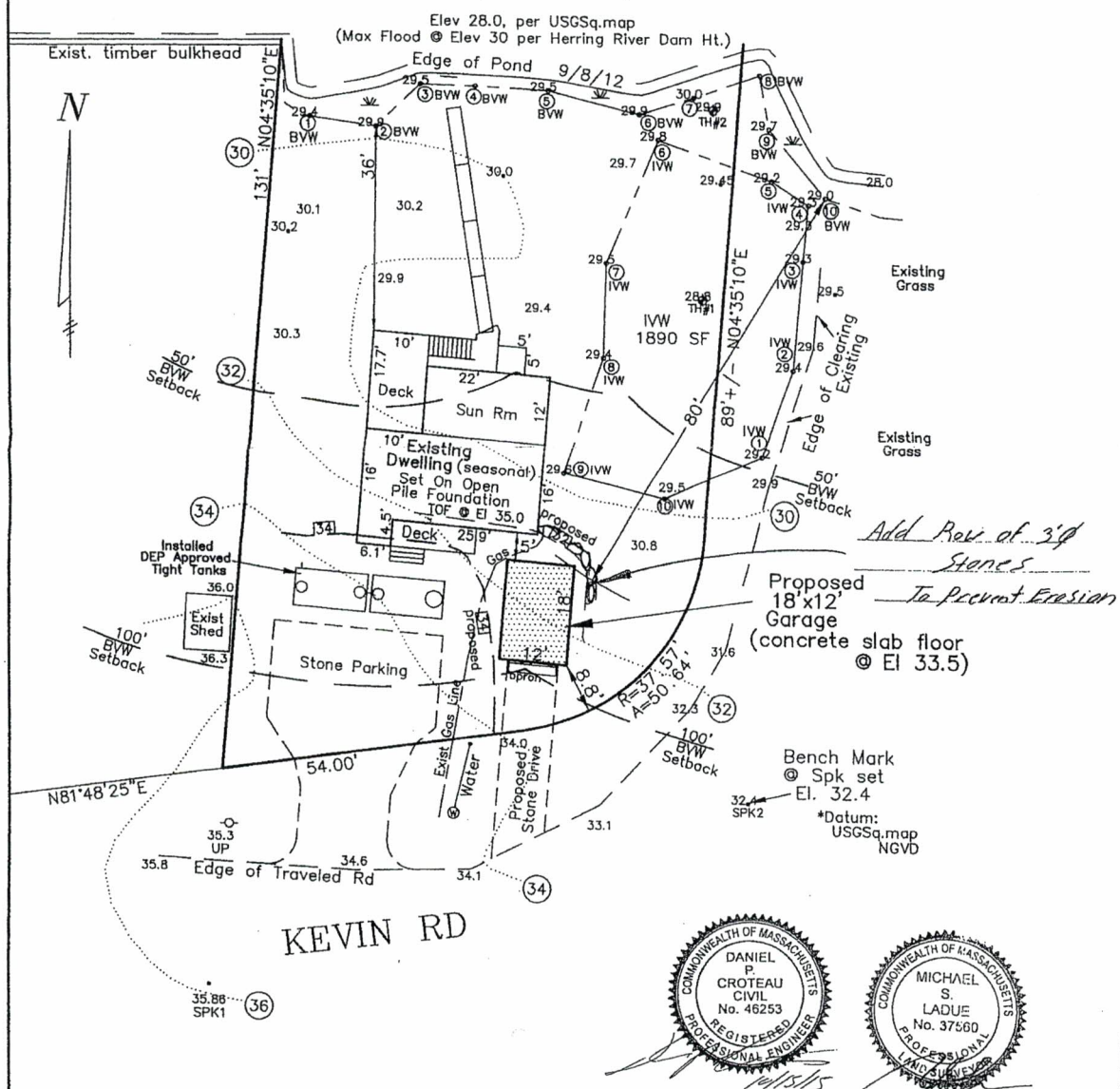
Zone: RR (Lot Area = 10,025sf)	Zoning Art.: VI	Proposed
Max Bldg. Coverage	15%	(1025sf) 10.2%
Max Site Coverage	25%	(2041sf) 20.4%



This Lot is not located within the 100yr flood plain per FIRM panel #25001C0604J

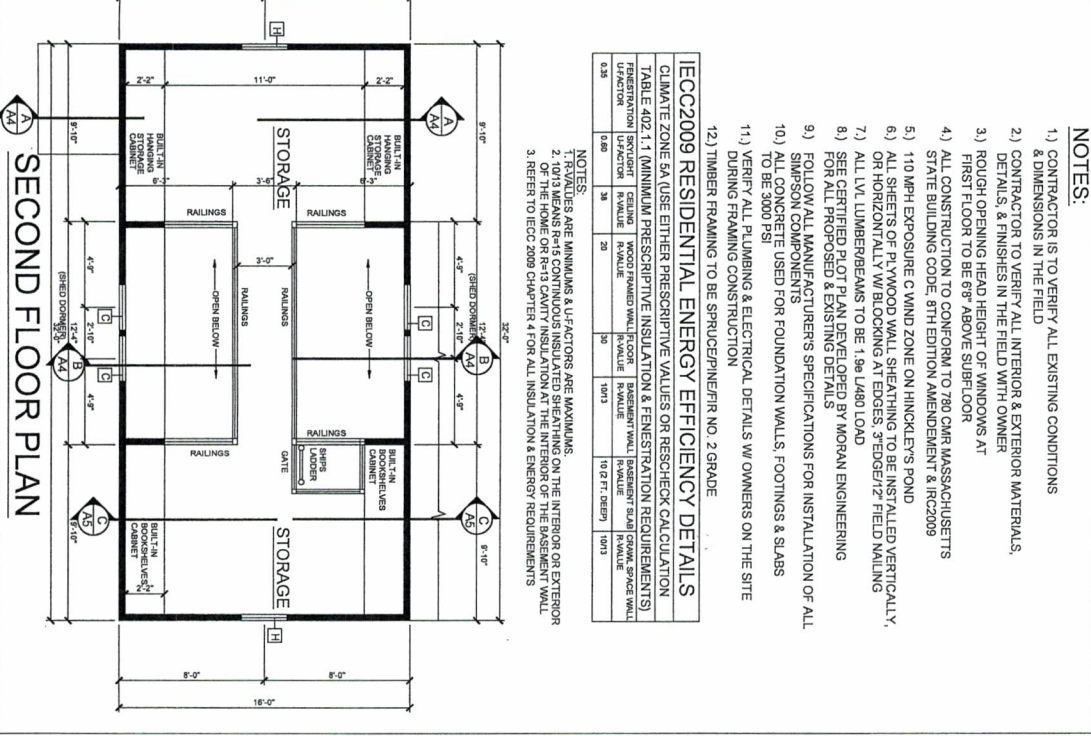
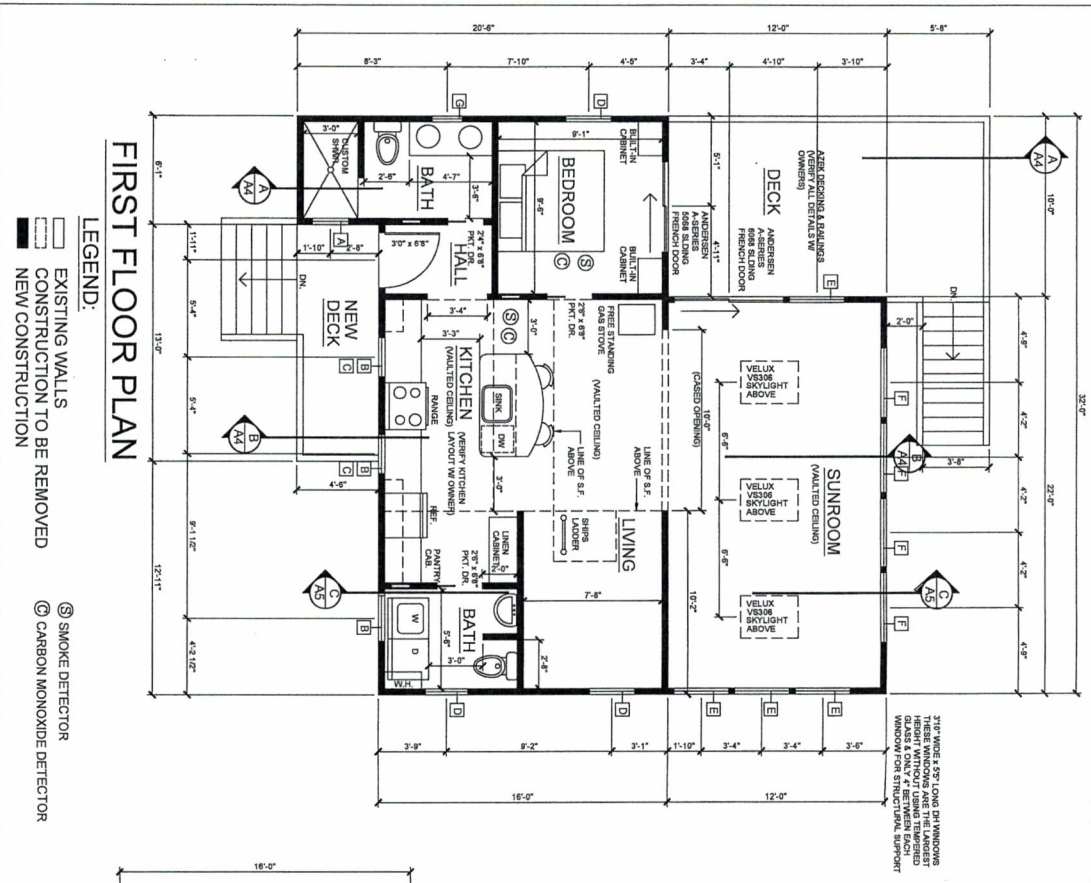
LOCATION MAP
 Assessors Map 81
 Parcel A32
 Deed: Bk.920, Pg.34
 Plan: Bk.123, Pg.113
 Lot 32
 Datum: NGVD per USGS Q-Map

HINCKLEYS POND
(A Great Pond)



MORAN ENGINEERING ASSOC., LLC
 508-432-2878 941 MAIN STREET (RTE 28), HARWICH, MA
PROPOSED GARAGE LOCATION SITE PLAN
 Prepared For: Colin & Robin Fuller
 26 KEVIN ROAD HARWICH, MA
 PROJECT: 12-094 SCALE: 1"=20' DATE: 5/12/15

Rev.8/18/15 (move garge north), 9/2/15.(Add Gas Line)
 11/5/15 (Rev of Stones) &



LEGEND:

- EXISTING WALLS
- CONSTRUCTION TO BE REMOVED
- NEW CONSTRUCTION

- S SMOKE DETECTOR
- C CARBON MONOXIDE DETECTOR

COTUITT BAY DESIGN, LLC
 43 BREWSTER ROAD
 MASHPEE, MA 02649
 PH: (508) 215-1685
 FAX: (508) 539-9402

NEW ADDITION/REMODELING FOR:
 FULLER RESIDENCE
 26 KEVIN ROAD HARWICH, MA

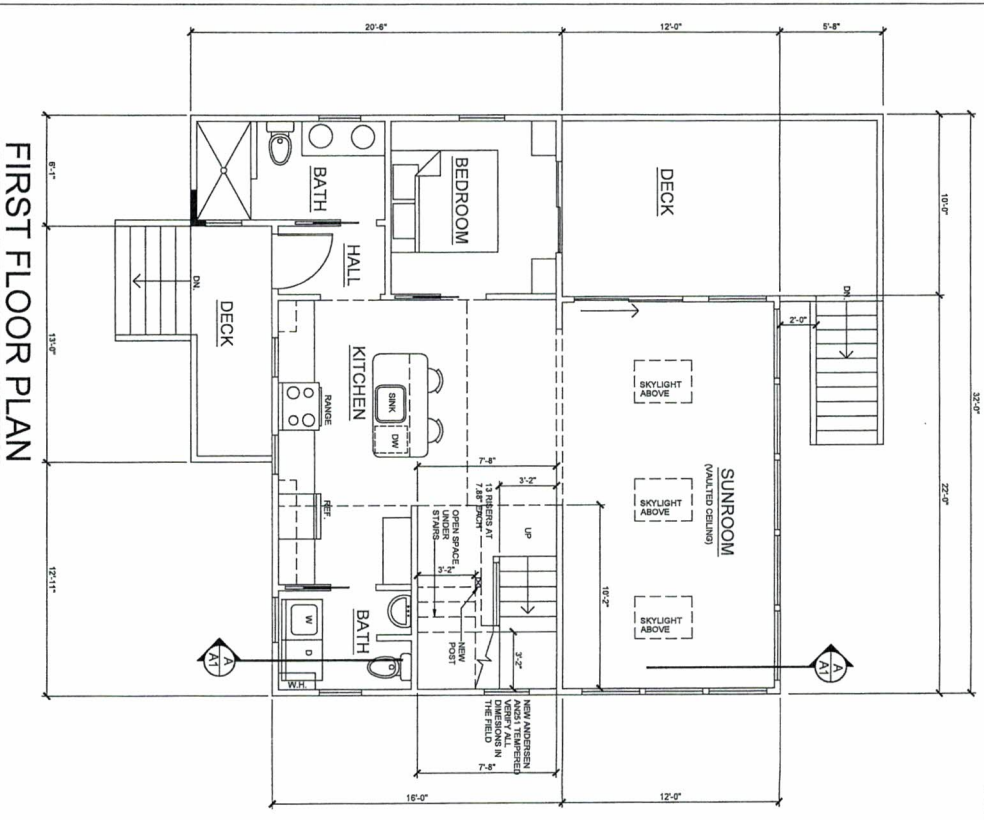
SCALE:
 1/4" = 1'-0"
DATE:
 6/5/2014
DRAWING NO.:
A1

- NOTES:**
- 1) CONTRACTOR IS TO VERIFY ALL EXISTING CONDITIONS & DIMENSIONS IN THE FIELD
 - 2) CONTRACTOR TO VERIFY ALL INTERIOR & EXTERIOR MATERIALS, DETAILS, & FINISHES IN THE FIELD WITH OWNER
 - 3) ROUGH OPENING HEAD HEIGHT OF WINDOWS AT FIRST FLOOR TO BE 6" ABOVE SUBFLOOR
 - 4) ALL CONSTRUCTION TO CONFORM TO 780 CMR MASSACHUSETTS STATE BUILDING CODE, 8TH EDITION AMENDMENT & IRC2009
 - 5) 110 MPH EXPOSURE C WIND ZONE ON HINCKLEY'S POND
 - 6) ALL SHEETS OF PLYWOOD WALL SHEATHING TO BE INSTALLED VERTICALLY, OR HORIZONTALLY W/ BLOCKING AT EDGES, 3" EDGE/1/2" FIELD WALLING
 - 7) ALL LVL LUMBER BEAMS TO BE 1.98 L480 LOAD
 - 8) SEE CERTIFIED PLOT PLAN DEVELOPED BY MORAN ENGINEERING FOR ALL PROPOSED & EXISTING DETAILS
 - 9) FOLLOW ALL MANUFACTURER'S SPECIFICATIONS FOR INSTALLATION OF ALL SIMPSON COMPONENTS
 - 10) ALL CONCRETE USED FOR FOUNDATION WALLS, FOOTINGS & SLABS TO BE 3000 PSI
 - 11) VERIFY ALL PLUMBING & ELECTRICAL DETAILS W/ OWNERS ON THE SITE DURING FRAMING CONSTRUCTION
 - 12) TIMBER FRAMING TO BE SPRUCE/PINE/FIR NO. 2 GRADE

IECC2009 RESIDENTIAL ENERGY EFFICIENCY DETAILS

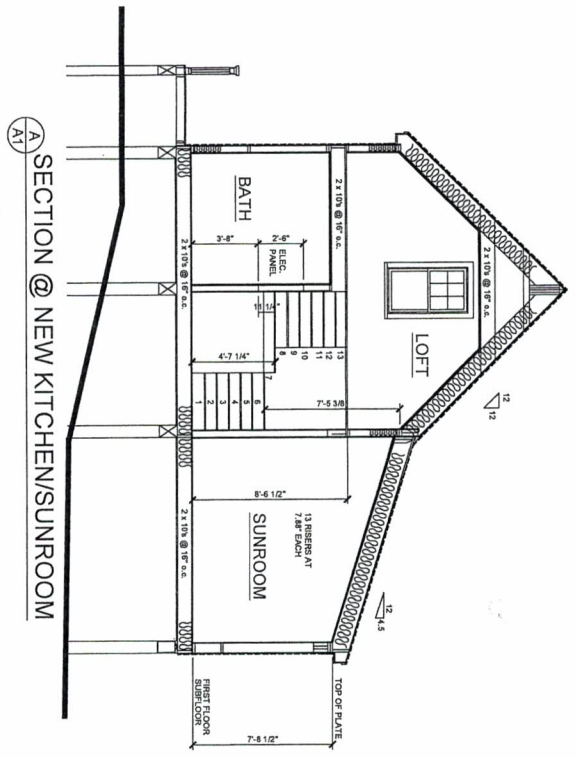
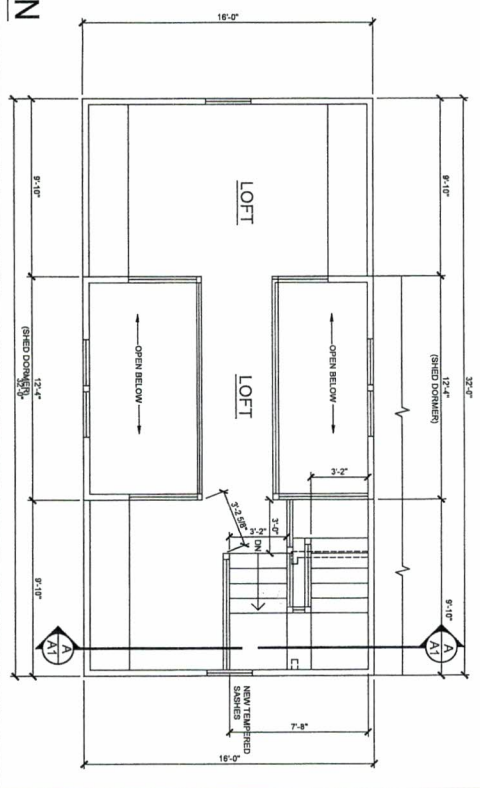
CLIMATE ZONE 5A (USE EITHER PRESCRIPTIVE VALUES OR RESCHECK CALCULATION)	
TABLE 402.1.1 (MINIMUM PRESCRIPTIVE INSULATION & FENESTRATION REQUIREMENTS)	
FENESTRATION U-FACTOR	CEILING WOOD FRAMED WALL/CORNER ASSEMBLY R-VALUE
0.35	20
0.60	10 (2 FT. DEEP)
	1013

- NOTES:**
- 1) RAFTERS ARE MINIMUM & U-FACTORS ARE MAXIMUM.
 - 2) 10"3 WEANS R-4+5 CONTINUOUS INSULATED SHEATHING ON THE INTERIOR OR EXTERIOR OF THE HOME OR R-4+5 CONTINUOUS INSULATED SHEATHING ON THE INTERIOR OF THE BASEMENT WALL
 3. REFER TO IECC 2009 CHAPTER 4 FOR ALL INSULATION & ENERGY REQUIREMENTS



FIRST FLOOR PLAN

SECOND FLOOR PLAN



SECTION @ NEW KITCHENS/SUNROOM

COTUIT BAY DESIGN, LLC
 43 BREWSTER ROAD
 WASHBURN, MA, 02849
 PH: (508) 274-1185
 FAX: (508) 559-9402

NEW REMODELING FOR:
 FULLER RESIDENCE
 26 KEVIN ROAD HARWICH, MA

SCALE: 1/4" = 1'-0"
 DATE: 7/28/2020

DRAWING NO.: **A1**

THIS DRAWING SHALL BE INTERPRETED AS SUCH BY THE ARCHITECT. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED TO THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED TO THE SUBCONTRACTORS. THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED TO THE SUBCONTRACTORS. THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED TO THE SUBCONTRACTORS.

V-B.

**JANUARY 19, 2021
BOARD OF HEALTH MEETING**

To: Board of Health
From: Meggan Eldredge, Health Director
Engineer: Dan A. Speakman
Owner: Tom Skahen
Address: 4 Lantern lane

On behalf of the owner, Dan A. Speakman is applying for variances from the State Environmental Code, Title 5, as following:

Variances from 310 CMR 15.211 (1)

1. Per 310 CMR 15.211(1): To allow a proposed soil absorption system to be 7' from the property line where 10' is required. Variance request of 3'.
2. Per 310 CMR 15.211(1): To allow a proposed soil absorption system to be 10' from the foundation where 20' is required. Variance request of 10'

The application proposed to replace a failed septic system with a Title 5 septic system. The proposed septic system will contain an H-20 1500 gallon septic tank, H-20 1000 gallon pump chamber, distribution box, and soil absorptions system. The septic system is designed for three (3) bedrooms and no major alterations or additions to the dwelling are proposed at this time.

I recommend approval with the following conditions:

1. Property is restricted to a maximum of 3 bedrooms.
2. No increase in square footage or habitable space allowed without further review by the Board of Health.
3. Variances and Conditions be recorded at the Barnstable County Registry of Deeds.



**Town of Harwich
Board of Health**

732 Main Street Harwich, MA 02645
508-430-7509 - Fax 508-430-7531
E-mail: health@town.harwich.ma.us

Office Use Only	
Filing Fee Paid/Amount:	3125-
Check #/Cash:	12551
Date App Received:	12-31-2020
Meeting Date:	1-19-2021
Date Approved:	
Date Denied:	
Reason for Denial:	

Application for Board of Health Variances

Date: 12/23/20

Property Address: 4 Lantern Lane, Harwich

Map: 25 Parcel: R1-21

Book: _____ Page: _____ Land Court No: Plan 135-129 Cert,

Name of Applicant: Dan A. Speakman

Applicant Mailing Address: 15 Speak Way
Harwich, MA 02645

City State Zip Code

Applicant Telephone Number: (774) 836-5043

Applicant E-Mail Address: danaspakman@hotmail.com

Owner(s) of Record: Tom Skahan

Owner(s) Mailing Address: 4 Lantern Lane
Harwich, MA

City State Zip Code

Design Engineer/Sanitarian: Dan A. Speakman

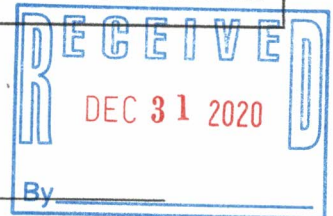
Firm/Company Name: Dan A. Speakman

Mailing Address: 15 Speak Way
Harwich MA 02645

City State Zip Code

Telephone Number: (508) 432-5565

Design Engineer/Sanitarian E-Mail Address: danaspakman@hotmail.com



Please Choose Application Type:

Voluntary Upgrade: _____ Addition/Alteration: _____ Failed System: EIR: _____
 Other: _____

Conservation Commission Approval Required: No: _____ Yes: _____ Date of CC Hearing: _____

List All Variances from State & Local Codes

Title 5, Section #	Description of Variance(s):
Title V 15.211 405(1)(a)	Reduction in setback, S.A.S. to property line from 10' to 7' - a 3' variance request
Title 5 V 15.211 405(1)(b)	Reduction in setback, S.A.S. to foundation from 20 to 10' - a 10' variance request

Harwich Reg. #	Description of Variance(s):

In addition to this form, 8 packets of the following must be submitted by 4:00 p.m. on the filing deadline date:

- Letter to Board of Health
- Letter to abutters (bring certified mail receipts to the meeting)
- Copy of certified abutter list
- Existing variance letter (if applicable)
- Floor plans (all floors/existing & proposed)
- Site plan
- Filing Fee \$125.00 (Variance)/\$300.00 (EIR)

DAN A. SPEAKMAN CONSTRUCTION
LAND SURVEYING & TITLE V ENGINEERING DIVISION

15 SPEAK WAY
NORTH HARWICH, MASSACHUSETTS 02645

Phone: (508) 432-5565

Fax: (508) 432-5099

Email: Danaspeakman@hotmail.com

Date: 12/23/20

Re: 4 Lantern Lane, Harwich, MA

Property Owner: Tom Skahen

Dear Abuttor:

A public hearing has been scheduled for the Harwich Board of Health to take action on an application for variances from the regulations of the Harwich Board of Health and/or Title 5 for Subsurface Disposal of Sewage. The following variances are requested:

From Title V, Section 15.211 per 15.405 (1.) (a.), Title V, Section 15.211 per 15.405 (1.) (b.) and Harwich Health Regs.:

- 1.) Reduction in setback, S.A.S. to property line from 10' to 7' – A 3' variance request
- 2.) Reduction in setback, S.A.S. to foundation from 20' to 10' – a 10' variance request

Pursuant to Governor Baker's March 12, 2020 Order Suspending certain provisions of the Open Meeting Law, G.L. c. 30A, section 20, and the Governor's March 15, 2020 Order imposing strict limitations on the number of people that may gather in one place, this meeting of the Harwich Board of Health is being conducted via remote participation. No in-person attendance of members of the public will be permitted, but every effort will be made to ensure that the public can adequately access the proceedings as provided for in the Order. The agenda, including dial-in instructions, will be posted on the Town of Harwich website:

Said hearing will be held at 7pm, January 19th, 2021 via remote participation.

DAN A. SPEAKMAN CONSTRUCTION
LAND SURVEYING & TITLE V ENGINEERING DIVISION

15 SPEAK WAY
NORTH HARWICH, MASSACHUSETTS 02645

Phone: (508) 432-5565
Fax: (508) 432-5099
Email: Danaspeakman@hotmail.com

December 29, 2020

Town of Harwich
Board of Health
732 Main Street
Harwich, MA 02645

Re: 4 Lantern Lane variance request

Dear Members of the Board:

This letter is a request for variances from Title V and the Harwich Health Regulations as follows:

From Title V, Section 15.211 per 15.405 (1.) (a.), Title V, Section 15.211 per 15.405 (1.) (b.) and Harwich Health Regs.:

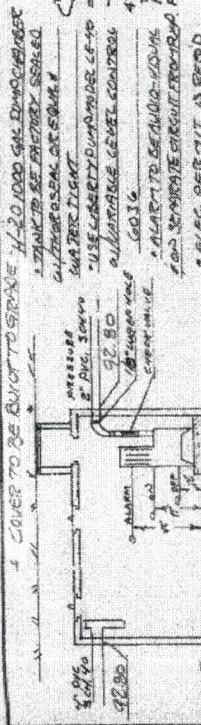
1. Reduction in setback, S.A.S. to property line from 10' to 7' – A 3' variance request
2. Reduction in setback, S.A.S. to foundation from 20' to 10' – a 10' variance request

Respectfully submitted,



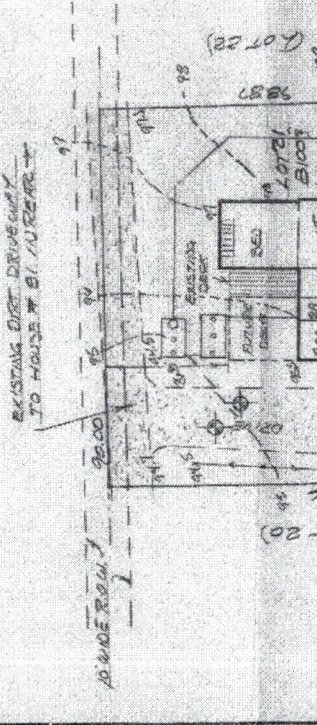
Dan A. Speakman

_____ date



COVER TO BE BUILT TO GROUND
 92.50
 92.00

1. COVER TO BE BUILT TO GROUND
 2. WATERPROOFING ON EXTERIOR
 3. USE CURABLE PLASTER
 4. USE CURABLE PLASTER
 5. ALARM TO BE INSTALLED
 6. 2\"/>

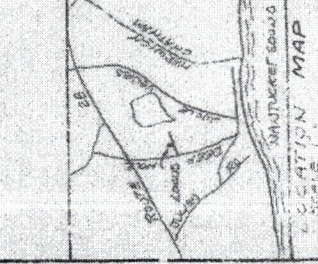


EXISTING DIRT DRIVEWAY
 TO HOUSE # 81. NEARBY

LOT 20
 30'-0"
 30'-0"

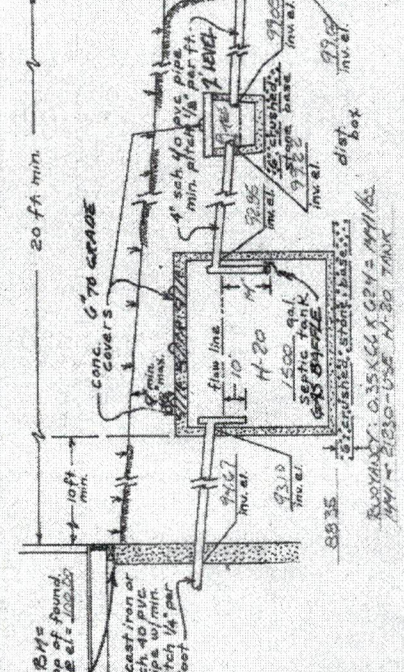
1. BASEMENT IS UNFINISHED

- NOTES CONT.
- 1) LOCATE, PUMP REMOVE OR FILL IN OLD SEWER SYSTEM PER TITLE 8 AND THE TOWN OF HARWICH REGS. OF CLEANING & REPAIRS WITH CLEAN RIG PER TITLE 8 REGS. IF NECESSARY.
 - 2) BASEMENT IS UNFINISHED



MAP

SECTION



SEWAGE SYSTEM PROFILE
 not to scale

DESIGN DATA

NUMBER OF BEDROOMS: 3
 GARBAGE DISPOSAL UNIT: N/A
 ESTIMATED FLOW: 10 GAL/HR/DAY
 REQ. SEPTIC TANK CAPACITY: 600 GAL
 ACTUAL SEPTIC TANK SIZE: 1500 GAL
 LEACHING AREA REQUIREMENTS:
 SIDEWALL LEACHING: 100 GAL
 TOTAL LEACHING CAPACITY: 200 GAL
 RESERVE LEACHING CAPACITY: N/A GAL

TEST HOLE LOG

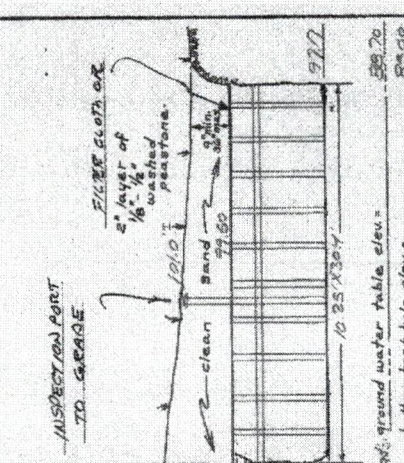
TEST DATE: 10/12/20
 WITNESSED BY: ALBERTA ELOSORE
 PERCOLATION RATE: 4.2 MIN/INCH
 PERFORMED BY: DAVID MASON & SONS

HOLE 1	HOLE 2
41.950	41.950
44.000	44.000
46.000	46.000
48.000	48.000
50.000	50.000
52.000	52.000
54.000	54.000
56.000	56.000
58.000	58.000
60.000	60.000

- NOTES
- 1) ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO D.P. TITLES AND THE TOWN OF HARWICH REGULATIONS FOR SUBSURFACE OF SANITARY SEWAGE
 - 2) COMPLIANCE WITH ZONING REGULATIONS SHALL BE DETERMINED BY BUILDING INSPECTOR / COMMISSIONER
 - 3) EXISTING AND FINAL GRADES SHALL REMAIN ESSENTIALLY THE SAME
 - 4) THE INSTALLER SHALL VERIFY THE LOCATION OF ALL UTILITIES SEWER MAINS & SEPTIC COMPONENTS (LESSPOOLS) PRIOR TO INSTALLATION. ALL SYSTEM COMPONENTS TO BE INSTALLED SHALL BE TO BE PROTECTED BY CASING.

DATE APPROVED: _____
 BO OF HEALTH
 AGENT

DATE: 06/19/2020
 PREPARED FOR: JIM SHANEY
 SCALE: AS SHOWN



INSPECTION PORT
 TO GARAGE

20 ft min

6" TO GRADE

4" sch 40 pipe
 min. pitch 1/8" per ft.

10" dia. concrete base
 9" dia. concrete base
 9" dia. concrete base

93.50 Inv. E.
 93.50 Inv. E.
 93.50 Inv. E.
 93.50 Inv. E.

10.25 X 3.25

2" clean sand
 2" min. washed washstone.

1.010

97.70

98.20
 85.00

98.20
 85.00

98.20
 85.00

98.20
 85.00

TEST HOLE LOG

TEST DATE: 10/12/20
 WITNESSED BY: ALBERTA ELOSORE
 PERCOLATION RATE: 4.2 MIN/INCH
 PERFORMED BY: DAVID MASON & SONS

HOLE 1	HOLE 2
41.950	41.950
44.000	44.000
46.000	46.000
48.000	48.000
50.000	50.000
52.000	52.000
54.000	54.000
56.000	56.000
58.000	58.000
60.000	60.000

INDEX: 205
 PLANT: 19

DATE APPROVED: _____
 BO OF HEALTH
 AGENT

DATE: 06/19/2020
 PREPARED FOR: JIM SHANEY
 SCALE: AS SHOWN

SITE PLAN OF PROPOSED CONSTRUCTION

LOCATION: 15 SPOAK WAY, HARWICH, MA
 REFERENCE: 0385, MAP 25 PER 2021 - L.C. PLAN 106889
 PREPARED FOR: JIM SHANEY
 SCALE: AS SHOWN

DAVID MASON & SONS
 15 SPOAK WAY, HARWICH, MA
 508-332-5565

DATE: 06/19/2020

V-C.

**SITE SUMMARY
JANUARY 19, 2021
BOARD OF HEALTH MEETING**

To: Board of Health
From: Meggan Eldredge, Health Director
Applicant: Thomas Smith
Owner: Janice Leonard
Address: 47 North Road

On behalf of the owner, Tom Smith is applying for variances from 310 CMR 15.000, Title 5: The State Environmental Code and Local Regulations. The variance requests are as follows:

Variances from 310 CMR 15.260 (2)(a) Tight tank shall be sized at a minimum of 500% of the system sewage design flow

1. To allow a tight tank to be 1,000 gallons where 2,000 gallons is required, variance request of 1,000 gallons.

Variances from 310 CMR 15.211(1) Minimum Setbacks

2. To allow a proposed tight tank to be 3' and 7' from the property line where 10' is required. Variance request of 7' and 3'.
3. To allow a proposed tight tank to be 7.9' from a foundation where 10' is required. Variance request of 3.1'.
4. To allow a tight tank to be 4.5' from a water line where 10' is required, variance request of 5.5'.
5. To allow a holding tank to be 4' from a wetland where 51' is required, variance request of 46'.

Variances from 310. CMR 15.227: Placement and Construction of Tees

6. To allow the inlet tee to be less than 1' above the high groundwater elevation, variance request of 1.7'.

Variance from Town of Harwich Regulations 1.210

7. To allow a tight tank to be 4' from a wetland where 50' is required, variance request of 46'.
8. To allow a building sewer to be 6' from a wetland where 50' is required, variance request of 44'.

The existing dwelling contains 1 bedroom and is used seasonally. No additions or alterations to the dwelling are proposed at this time. The tight tank is proposed to be monolithic and factory waterproofed and is an environmental improvement over the existing cesspool.

These variances were approved at the May 14, 2019 Board of Health meeting. The applicant is returning to the Board of Health because a disposal system construction permit was not applied for within six (6) months of the variance approval.

I recommend approval of this variance request with the following conditions:

1. Property is restricted to a maximum of 1 bedroom.
2. No increase in habitable space or square footage.
3. Property is limited to seasonal use of 6 months per year.
4. Seasonal restriction shall be enforced by a water shut-off order from Harwich Water Department.
5. An operation and maintenance agreement as outlined in the variance application packaged must be in place prior to issuing a Disposal Works Construction Permit. This agreement must indicate a monitoring and pumping schedule.
6. The approval letter and conditions must be recorded at the Barnstable County Registry of Deeds.



**Town of Harwich
Board of Health**

732 Main Street Harwich, MA 02645
508-430-7509 – Fax 508-430-7531
E-mail: health@town.harwich.ma.us

Office Use Only	
Filing Fee Paid/Amount:	\$125
Check #/Cash:	2871
Date App Received:	1/16/2021
Meeting Date:	1/19/2021
Date Approved:	
Date Denied:	
Reason for Denial:	

Application for Board of Health Variances

Date: 12/16/2020

Property Address: 47 North Rd

Map: 19 Parcel: S2

Book: 432 Page: 69 Land Court No: _____

Name of Applicant: Thomas F Smith

Applicant Mailing Address: 226 Monomoscoy Rd
Mashpee MA 02649
City State Zip Code

Applicant Telephone Number: 508-922-7255

Applicant E-Mail Address: Suncon84@gmail.com

Owner(s) of Record: Janice Leonard

Owner(s) Mailing Address: 975 ~~Pit~~ Pitzners Way Apt 2
Hyannis MA 02601
City State Zip Code

Design Engineer/Sanitarian: Stephanie J Seavin

Firm/Company Name: Ryder-Wilcox

Mailing Address: 3 Giddian Hill Rd
S. Orleans, MA 02662
City State Zip Code

Telephone Number: 508-255-8312

Design Engineer/Sanitarian E-Mail Address: Stephanie@ryder-wilcox.com

Please Choose Application Type:

Voluntary Upgrade: X Addition/Alteration: _____ Failed System: _____ EIR: _____
 Other: upgrade from cesspool to Title V

Conservation Commission Approval Required: No: _____ Yes: Date of CC Hearing: 3/2019 *jm*

List All Variances from State & Local Codes

Title 5, Section #	Description of Variance(s):
	<i>See Attached</i>
Harwich Reg. #	Description of Variance(s):

In addition to this form, 8 packets of the following must be submitted by 4:00 p.m. on the filing deadline date:

- Letter to Board of Health
- Letter to abutters (bring certified mail receipts to the meeting)
- Copy of certified abutter list
- Existing variance letter (if applicable)
- Floor plans (all floors/existing & proposed)
- Site plan
- Filing Fee \$125.00 (Variance)/\$300.00 (EIR)

December 18, 2020

Re: 47 North Road (Map 19 Parcel S2)

Dear Abutter:

You are being notified pursuant to the State Environmental Code, Title 5, and the Harwich Board of Health Regulations that the Board of Health will hold a public hearing to consider a request for variances from applicable State and Local Regulations. The variances will allow installation of a Tight Tank to serve the existing dwelling at 47 North Road.

A copy of the letter requesting a hearing is enclosed. Copies of a Site Plan are on file with the Board of Health and may be viewed prior to the public hearing to be held on Tuesday January 19, 2021 at 7pm via remote participation.

Pursuant to Governor Baker's March 12, 2020 Order Suspending certain provisions of the Open Meeting Law, G.L. c. 30A, section 20, and the Governor's March 15, 2020 Order imposing strict limitations on the number of people that may gather in one place, this meeting of the Harwich Board of Health is being conducted via remote participation. No in-person attendance of members of the public will be permitted, but every effort will be made to ensure that the public can adequately access the proceedings as provided for in the Order. The agenda, including dial-in instructions, will be posted on the Town of Harwich website: www.town.harwich.ma.us

Sincerely,



Thomas F. Smith

December 18, 2020

Town of Harwich Board of Health

732 Main Street

Harwich, MA 02645

Re: 47 North Road (Map 19, Parcel S2)

Dear Board Members,

On behalf of my client, Janice Leonard, please schedule a hearing to consider a request for variances from Title 5 and the Harwich Board of Health Regulations. The variances are requested to allow the replacement of the existing cesspool with a 1,000 gallon tight tank. This parcel currently supports a one-bedroom dwelling.

The proposed Tight Tank complies with all State Title 5 and Harwich Board of Health Regulations except for the following:

310 CMR 15.260(2)(a) The tight tank shall be sized at a minimum of 500% of the system sewage design flow established by 310 CMR 15.203, but in no case less than 2,000 gallons;

The Tight Tank shall be a 1,000 gallon tank. (1,000 gallon variance)

310 CMR 15.211: Minimum Setback Distances

The Tight Tank shall be 3'+/- and 7.1'+/- from a Property Line (7' and 2.9' variance is required)

The Tight Tank shall be 7.9'+/- from a foundation (2.1' variance is required)

The Tight Tank shall be 4.5'+/- from a water line (5.5' variance is required)

The Tight Tank shall be 4'+/- from wetland (21' variance required)

310 CMR 15.227: Placement and Construction of Tees

The Tight Tank invert shall be less than 1' above the high groundwater elevation. (1.7' variance is required)

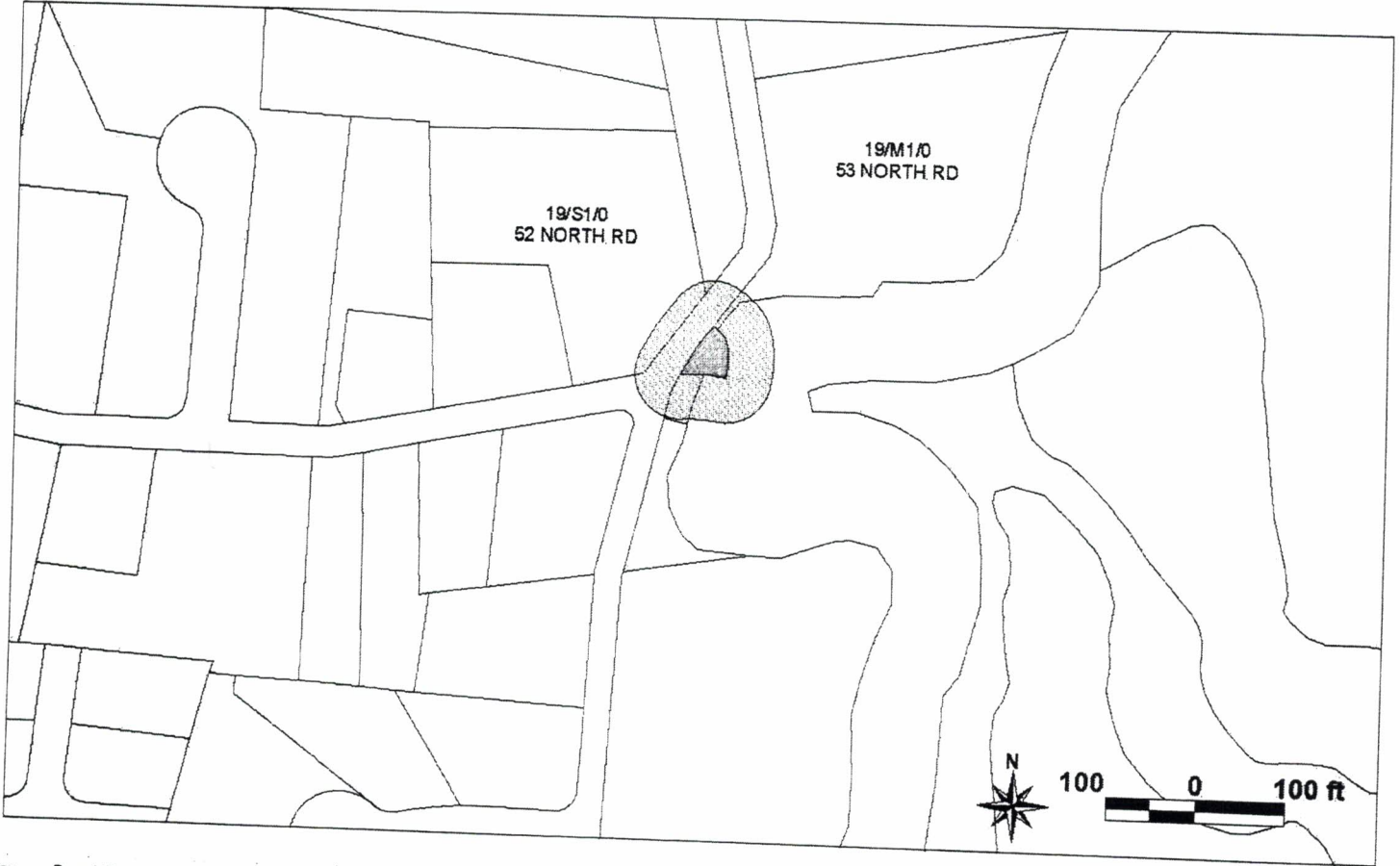
Town of Harwich Board of Health Regulations-Part-2-Disposal Works Regulations, Regulation 1.210

The Tight Tank shall be 4'+/- from a wetland (46' variance is required)

Building sewer shall be 6'+/- from a wetland (44' variance is required)

TOWN OF HARWICH, MA
 BOARD OF ASSESSORS
 732 Main Street, Harwich, MA 02645

Abutters List Within 50 feet of Parcel 19/S2/0



Key	Parcel ID	Owner	Location	Mailing Street	Mailing City	ST	ZipCd/Country
1195	11-A1-A-0-E	HARWICH CONSERVATION TRUST	0 NORTH RD	PO BOX 101	S HARWICH	MA	02661
2405	19-M1-0-R	DUDECK THOMAS G & DUDECK ROBERTA G	53 NORTH RD	2447 BREAKWATER WAY	NAPLES	FL	34112
2414	19-S1-0-R	LEONARD JANICE TR 47-52 NORTH ROAD REALTY TRUST	52 NORTH RD	975 PITCHERS WAY APT 2	HYANNIS	MA	02601
2439	19-S2-0-R	MCGRATH MARY LOU TRUSTEE C/O LEONARD JANICE TR	47 NORTH RD	975 PITCHERS WAY UNIT 2	HYANNIS	MA	02601



TOWN OF HARWICH
ASSESSORS OFFICE
732 MAIN STREET
HARWICH, MASSACHUSETTS 02645

OFFICE OF
BOARD OF ASSESSORS
Tel: 508-430-7503
Fax: 508-430-7086

ABUTTERS REQUEST FORM

Board Requesting Action: *Board of Health*

Date Submitted:

Applicant's Name: *Thomas Smith*

Assessors Map(s) & Parcel(s): *map 19 parcel 52*

Property Location: *47 North Rd*

Owner(s): *Thomas Smith*

Contact Person: *Thomas Smith*

E-mail Address: *suncon84@gmail.com*

Telephone #: *508-922-7255*

Type of Petition: *Variance*

Assessors Approval By:

INVOICE

This cover sheet is also your invoice.

	<u>Amount</u>	<u>Date Paid</u>	<u>Ck #</u>
Up to 25 Abutters	\$50.00	<i>12/16/2020</i>	<i>2868</i>
Additional Abutters _____ @ \$2.00 ea			
TOTAL	<u><i>50</i></u>		

Make checks payable to: Town of Harwich

\\TOWNHALL3\Assessor\ABUTTERS\Abutters Request.doc

* previous variance
REQUEST

Ryder & Wilcox

SURVEYING · ENGINEERING
HOME PLANNING & DESIGN

April 4, 2019

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

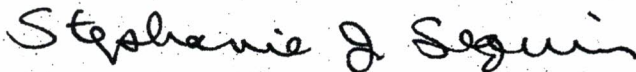
Re: 47 North Road (Map 19 Parcel S2)

Dear Abutter:

You are being notified pursuant to the State Environmental Code, Title 5, and the Harwich Board of Health Regulations that the Board of Health will hold a public hearing to consider a request for variances from applicable State and Local Regulations. The variances will allow installation of a Tight Tank to serve the existing dwelling at 47 North Road.

A copy of the letter requesting a hearing is enclosed. Copies of a Site Plan are on file with the Board of Health and may be viewed prior to the public hearing to be held on May 14, 2019 in Town Hall, 732 Main Street. Hearings begin at 7:00 P.M.

Sincerely,



Stephanie J. Sequin, P.E.

cc: Smith
R&W #9801

Ryder & Wilcox

SURVEYING · ENGINEERING
HOME PLANNING & DESIGN

* PREVIOUS VARIANCE
REQUEST

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

April 4, 2019

Town of Harwich Board of Health
732 Main Street
Harwich, MA 02645

RE: 47 North Road (Map 19, Parcel S2)

Dear Board Members,

On behalf of our clients, Rachel Smith and Alison Ferrandi, please schedule a hearing to consider a request for variances from Title 5 and the Harwich Board of Health Regulations. The variances are requested to allow the replacement of the existing cesspool with a 1,000 gallon tight tank. This parcel currently supports a one-bedroom dwelling.

The proposed Tight Tank complies with all State Title 5 and Orleans Board of Health Regulations except for the following:

310 CMR 15.260(2)(a) The tight tank shall be sized at a minimum of 500% of the system sewage design flow established by 310 CMR 15.203, but in no case less than 2,000 gallons;

The Tight Tank shall be a 1,000 gallon tank. (1,000 gallon variance)

310 CMR 15.211: Minimum Setback Distances

The Tight Tank shall be 3'+/- and 7.1'+/- from a Property Line (7' and 2.9' variance is required)

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The Tight Tank shall be 4'+/- from wetland (46' variance required)

310 CMR 15.227: Placement and Construction of Tees

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Town of Harwich Board of Health Regulations – Part 2-Disposal Works Regulations, Regulation 1.210

The Tight Tank shall be 4'+/- from a wetland (46' variance is required)

Building sewer shall be 6'+/- from a wetland (44' variance is required)

I have included 8 sets of the proposed Tight Tank Plan, Existing floor plans, the Abutter Notification letter, a Certified list of abutters, and a check for \$125.00.

Thank you for your consideration in this matter.

Sincerely,

Stephanie J. Sequin

Stephanie J. Sequin, P.E.

cc: Smith

R&W #9801

Rev. 5-8-19 (add variance to 310.15.211)

Ryder & Wilcox

SURVEYING · ENGINEERING
HOME PLANNING & DESIGN

* previous variance
request

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

April 4, 2019

Town of Harwich Board of Health
732 Main Street
Harwich, MA 02645

RE: 47 North Road (Map 19, Parcel S2)

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Sincerely,

Stephanie J. Sequin

Stephanie J. Sequin, P.E.

cc: Smith

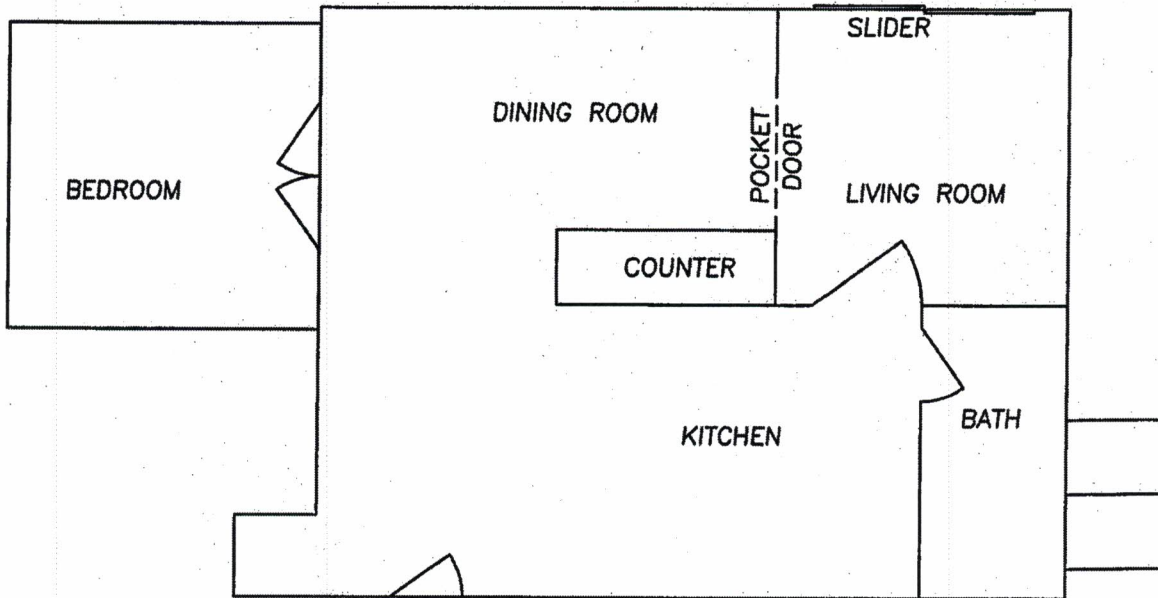
R&W #9801

OPERATION AND MAINTENANCE PLAN FOR TIGHT TANK

Location: 47 North Road - Harwich, Massachusetts

The following conditions are to be followed for the life of the tight tank located at the above-referenced address:

- 1) The property owner must enter into an Operation and Maintenance plan with a licensed septic hauler. The system shall be monitored at a minimum frequency of once every three months during periods in which the property is occupied. Each contract shall be for a minimum of one year.
- 2) The property owner shall notify a licensed septic hauler when alarm is activated. Owner shall monitor tight tank pending the arrival of the septic hauler to assure the tank does not overflow.
- 3) After pumping, the septic hauler shall reset and test the alarm system.
- 4) The property owner shall notify the Health Department of any leakage or overflow of the tank, and take appropriate measures to prevent sewage runoff onto the property. Tank shall be pumped and repaired immediately.
- 5) If the property is to be rented, the property owner shall inform all renters of the presence of the tight tank. The owner shall direct the renters to notify owner immediately when alarm is activated.
- 6) The tight tank shall be inspected annually by either a Professional Engineer, Registered Sanitarian or a DEP Approved System Inspector. The inspection report shall be submitted to the Harwich Health Department by June 1st of each year. At a minimum, the inspection/report shall include:
 - Confirmation that the tight tank is product tight and structurally sound
 - The alarms are operational
 - A report of the previous year's sewage pumping records



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

47 North Road, Harwich, MA

(ASSR'S. MAP 19, PARCEL S2)

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

3 Giddiah Hill Rd.

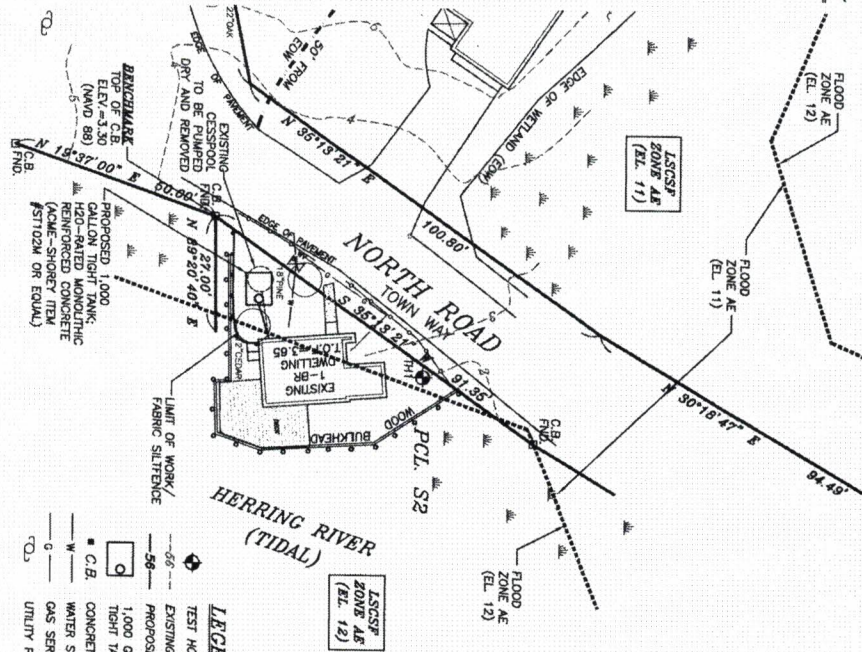
P.O. Box 439

Scale: N.T.S.

So. Orleans, MA 02662 Date - 03/21/2019

Job No. 9801

SITE PLAN
 1" = 20'
DATE
 1/14/88



FLOOD ZONE AE (EL. 12)
 FLOOD ZONE AE (EL. 11)
 FLOOD ZONE AE (EL. 12)
 LSCSP ZONE 4B (EL. 11)
 LSCSP ZONE 4B (EL. 12)

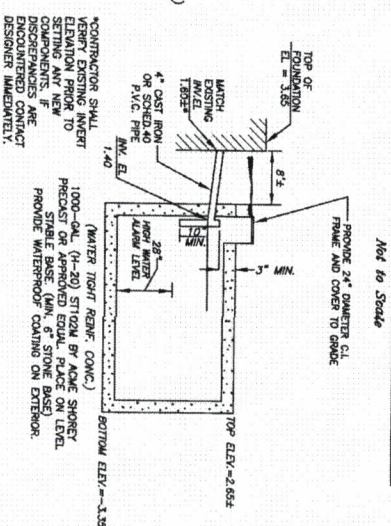
LEGEND:
 TEST HOLE LOCATION
 PROPOSED CONTOUR
 1,000 GALLON TIGHT TANK (H-20)
 CONCRETE BOUND
 WATER SERVICE LINE (EXIST.)
 GAS SERVICE LINE (EXIST.)
 UTILITY POLE

TEST HOLE DATA

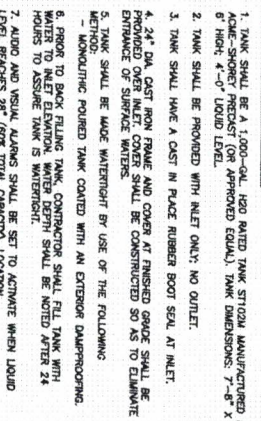
DATE OF TEST HOLE: 12/11/2018
 INSP. BY: D. QUINN (RAAM)
 K. TENAGUA (HEALTH DEPT)
 WATER ENCOUNTERED: TH1 @ 54' (EL. = -2.5')
 PERCHED WATER @ 28' (EL. = -0.3')

DEPTH (ft)	SOIL	SOIL	ELEVATION (ft)
0 - 18	FILL		2.0 - 0.4
18 - 64	C1	SET TOP WITH SAND	0.4 - -3.3
64 - 88	C2	MEDIUM SAND	-3.3 - -6.0

TYPICAL TIGHT TANK PROFILE



TIGHT TANK DETAIL



TIGHT TANK SPECIFICATIONS

- TANK SHALL BE A 1,000-GAL. HDG RATED TANK STIZOM MANUFACTURED BY ACME-SHOREY PRODUCTS (OR APPROVED EQUAL). TANK DIMENSIONS: 7'-8" x 6' x 6' HIGHER 4'-0" LIQUID LEVEL.
- TANK SHALL BE PROVIDED WITH INLET ONLY, NO OUTLET.
- TANK SHALL HAVE A CAST IN PLACE RUBBER BOOT SEAL AT INLET.
- 24" DIA. CAST IRON FRAME AND COVER AT FINISHED GRADE SHALL BE PROVIDED OVER INLET. COVER SHALL BE CONSTRUCTED SO AS TO ELIMINATE ENTRANCE OF SURFACE WATERS.
- TANK SHALL BE MADE WATER-TIGHT BY USE OF THE FOLLOWING:
 - MONOLITHIC POURED TANK COATED WITH AN EXTERIOR DAMPPROOFING.
 - SEALS TO BE SET PLAIN TANK CONTRACTOR SHALL FILL TANK WITH WATER TO TEST FOR LEAKS. CONTRACTOR SHALL BE NOTICED AFTER 24 HOURS TO ASSURE TANK IS WATER-TIGHT.
 - ALSO AND VISUAL LEAKS SHALL BE SET TO ADVISE WHEN LIQUID LEVEL REACHES 38" (BOX TOP CAPACITY). LEAKAGE SHALL BE NOTICED.
 - LEVEL SHALL BE DETERMINED IN CONSULTATION WITH HOMEOWNER.
 - BOARD OF HEALTH REGULATIONS.

GENERAL NOTES:

- TIGHT TANK IS DESIGNED IN ACCORDANCE WITH "COMPOUNDING OF MASS, ENVIRONMENTAL CODE, TITLE 5, STANDARD REQUIREMENTS FOR ON-SITE SEWER CONSTRUCTION, INSPECTION, USE AND EXPANSION OF ON-SITE SEWER REGULATORY AND INSPECTION SYSTEMS" AND THE TOWN OF HAWKCH.
- DEPARTMENT FOR INSPECTION, PROVIDE 24 HOURS (MIN.) NOTICE TO UNDERGROUND UTILITIES RESPONSIBLE FOR VERIFYING LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION OF THIS TANK.
- ANY CHANGES TO THIS PLAN MUST BE APPROVED BY THE HEALTH BOARD.
- HEALTH BOARD SHALL BE NOTICED AND APPROVED BY THE HEALTH BOARD.
- PERCHED SERVICE WATER.

CONSTRUCTION NOTES:

- LIMITS OF CONSTRUCTION AND/OR GRADING TO BE AS SHOWN ON PLAN AND SHALL BE VISIBLY MARKED PRIOR TO ANY DURING CONSTRUCTION.
- CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL DISTURBED AREAS HAVE BEEN REGENERATED AND REVEGETATED AS SHOWN ON PLAN.
- ALL EXCESS EXCAVATED SOIL SHALL BE PLACED DIRECTLY INTO TRUCKS FOR REMOVAL FROM SITE. THERE SHALL BE NO SPILLAGE OR ADDITIONAL WORK BEYOND THE SCOPE OF THAT WHICH IS SHOWN HEREON WILL REQUIRE CONSERVATION COMMISSION APPROVAL.

DESIGN DATA

Number of bedrooms: 1
 Estimated daily flow: 110 GPD
 Night Tank Capacity = 5 x 110 GPD = 550 gallons
 Min. Tank Size Required = 8,000 gallons
 (1,000 gallon tank proposed)

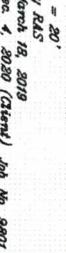
BIOGASITY CALCULATIONS:

1000 GALLON TIGHT TANK (H-20)
 BUOYANCY FORCE OF DISPLACED WATER:
 7.667 x 6' x 5.5' x 62.4 LB/CF = 15,787 LBS.
 WEIGHT OF TANK = 17,100 LBS. (O.K.)

PROPOSED TIGHT TANK

Prepared for: Tom Smith
 Location: 47 North Road, Hawchick, MA
 Ryder & Wilson, Inc., P.E. & P.L.S.
 3 Gladstone Hill Rd.
 P.O. Box 439
 So. Orleans, MA, 02886
 Tel: (508) 256-8972
 Fax: (508) 240-2806

Scale: 1" = 20'
 Drawn by: RAS
 Date: March 18, 2018
 Rev: - Dec. 4, 2020 (Stam) Job No. 9807



V-D.

**SITE SUMMARY
JANUARY 19, 2021
BOARD OF HEALTH MEETING**

To: Board of Health
From: Meggan Eldredge, Health Director
Applicant: Thomas Smith
Owner: Janice Leonard
Address: 52 North Road, West Harwich

On behalf of the owners, Thomas Smith has applied for variance to replace a failed septic system at 52 North Road.

Variations from 310 CMR 15.211(1) Minimum Setbacks

1. Variations from 310 CMR 15.211-Minimum Setbacks
2. 1. Per 310 CMR 15.211: To allow a proposed pump chamber to be 7' from the property line where 10' is required. Variance request of 3'.
3. 2. Per 310 CMR 15.227(5): To allow a proposed septic tank and proposed pump chamber invert to be less than 1' above the high groundwater elevation. Variance request of 0.35' & 0.7'.
4. Variations from Harwich Board of Health Regulation 1.210
5. 3. Per Harwich Board of Health Regulation 1.210: To allow a proposed soil absorption system to be 87' from the edge of wetland where 100' is required. Variance request of 13'.

This property currently is served by a cesspool system. The house consists of two bedrooms and no additions or increases in flow are proposed.

The upgraded septic system requires variances due to the small lot, depth to groundwater and location of the wetlands. The upgrade will be an improvement over the existing cesspools.

These variances were approved at the April 9, 2019 Board of Health meeting. The applicant is returning to the Board of Health because a disposal system construction permit was not applied for within six (6) months of the variance approval.

I recommend approval of variances with the following conditions:

1. The property shall be restricted to a maximum of 2 bedrooms.
2. No increase in habitable space or number of bedrooms without further review by the Board of Health.
3. The approval letter and conditions shall be recorded at the Registry of Deeds.



**Town of Harwich
Board of Health**

732 Main Street Harwich, MA 02645
508-430-7509 – Fax 508-430-7531
E-mail: health@town.harwich.ma.us

Office Use Only	
Filing Fee Paid/Amount:	\$125-
Check #/Cash:	2870
Date App Received:	1/16/21
Meeting Date:	1/19/21
Date Approved:	
Date Denied:	
Reason for Denial:	

Application for Board of Health Variances

Date: 12/16/2020

Property Address: 52 North Rd

Map: 19 Parcel: S1

Book: 432 Page: 69 Land Court No: _____

Name of Applicant: Thomas F Smith

Applicant Mailing Address: 226 Monomoscoy Rd
Mashpee MA 02649
City State Zip Code

Applicant Telephone Number: 508-922-7255

Applicant E-Mail Address: Suncon84@gmail.com

Owner(s) of Record: Janice Leonard

Owner(s) Mailing Address: 975 Pitzer's Way Apt 2
Hyannis MA 02601
City State Zip Code

Design Engineer/Sanitarian: Stephanie J Sequin

Firm/Company Name: Ryder-Wilcox

Mailing Address: 3 Giddian Hill Rd
S. Orleans MA 02662
City State Zip Code

Telephone Number: 508-255-8312

Design Engineer/Sanitarian E-Mail Address: Stephanie@ryder-wilcox.com

Please Choose Application Type:

Voluntary Upgrade: Addition/Alteration: Failed System: EIR:
Other: upgrade from cesspool to Title V ✓

Conservation Commission Approval Required: No: Yes: Date of CC Hearing: 3/2019 (M)

List All Variances from State & Local Codes

Title 5, Section #	Description of Variance(s):
	See Attached

Harwich Reg. #	Description of Variance(s):

In addition to this form, 8 packets of the following must be submitted by 4:00 p.m. on the filing deadline date:

- Letter to Board of Health
- Letter to abutters (bring certified mail receipts to the meeting)
- Copy of certified abutter list
- Existing variance letter (if applicable)
- Floor plans (all floors/existing & proposed)
- Site plan
- Filing Fee \$125.00 (Variance)/\$300.00 (EIR)

December 18, 2020

Re: 52 North Road (Map 19, Parcel S1)

Dear Abutter:

You are being notified pursuant to the State Environmental Code, Title 5, and the Harwich Board of Health Regulations that the Board of Health will hold a public hearing to consider a request for variances from applicable State and Local Regulations. The variances will allow installation of a Tight Tank to serve the existing dwelling at 52 North Road.

A copy of the letter requesting a hearing is enclosed. Copies of a Site Plan are on file with the Board of Health and may be viewed prior to the public hearing to be held on Tuesday January 19, 2021 at 7pm via remote participation.

Pursuant to Governor Baker's March 12, 2020 Order Suspending certain provisions of the Open Meeting Law, G.L. c. 30A, section 20, and the Governor's March 15, 2020 Order imposing strict limitations on the number of people that may gather in one place, this meeting of the Harwich Board of Health is being conducted via remote participation. No in-person attendance of members of the public will be permitted, but every effort will be made to ensure that the public can adequately access the proceedings as provided for in the Order. The agenda, including dial-in instructions, will be posted on the Town of Harwich website: www.town.harwich.ma.us

Sincerely,



Thomas F. Smith

December 18, 2020

Town of Harwich Board of Health

732 Main Street

Harwich, MA 02645

RE: 52 North Road (Map 19, Parcel S1)

Dear Board Members,

On behalf of my client, Janice Leonard, please schedule a hearing to consider a request for variances from Title 5 and the Harwich Board of Health Regulations. The variances are requested to allow the replacement of the existing cesspool with a Title V sewage treatment and disposal system (SDS) at the above referenced property.

This parcel currently supports a two-bedroom dwelling. A large portion of the property contains wetland; the entire property lies within Land Subject to Coastal Storm Flowage. Soil testing in the southwest corner of the lot and outside of the 100-foot buffer to the wetland shows clean sand with a perc rate less than 2 minutes per inch. Groundwater was encountered at a depth of 56"; the estimated high water elevation is 42" below grade. In order to provide a 5' minimum vertical separation between the bottom of the proposed soil absorption system ("SAS") and the estimated high groundwater, a raised SAS is proposed.

The proposed SDS will consist of a 1,500 gallon septic tank, a 1,000 gallon pump chamber and a Cultec Field Drain C-4 System having the capacity of 245 gpd, large enough to support two bedrooms. The proposed components are located as far from the wetland as is feasible.

The proposed SDS complies with all State Title 5 and Harwich Board of Health Regulations except for the following:

310 CMR 15.211: Minimum Setback Distances

The pump chamber shall be 7'+/- from a Property Line (3' variance is required)

310 CMR 15.227(5): Placement and Construction of Tees

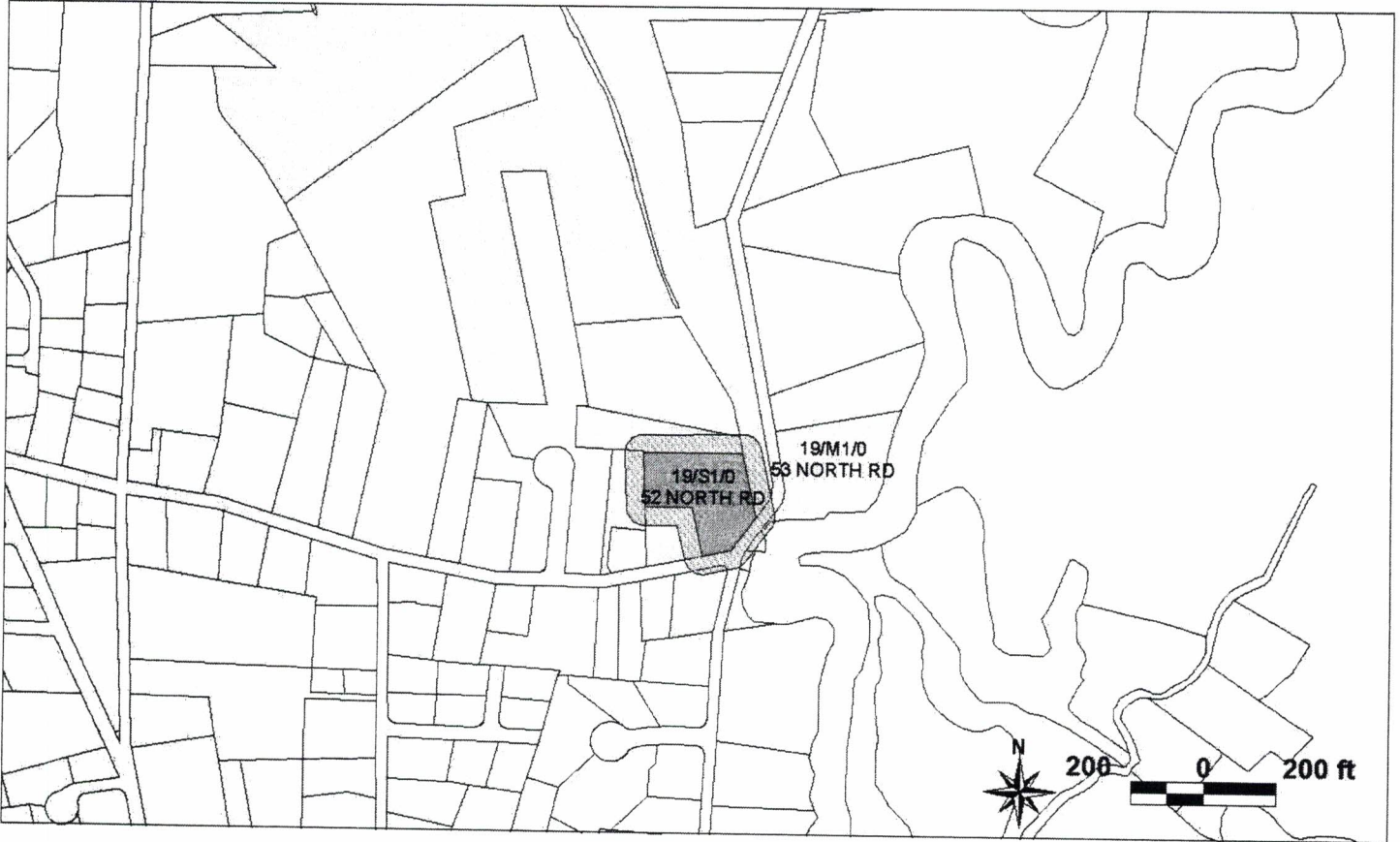
The septic tank and pump chamber inverts shall be less than 1' above the high groundwater elevation. (0.35' & 0.7' variances required)

Town of Harwich Board of Health Regulations-Part 2-Disposal Works Regulations, Regulation 1.210

The Soil Absorption System (SAS) shall be 87'+/- from the edge of a wetland (13' variance required)

TOWN OF HARWICH, MA
 BOARD OF ASSESSORS
 732 Main Street, Harwich, MA 02645

Abutters List Within 50 feet of Parcel 19/S1/0



Key	Parcel ID	Owner	Location	Mailing Street	Mailing City	ST	ZipCd/Country
1306	10-J7-0-R	NABORS VIRGINIA L TRS ET AL LEE RICHARD TRS	48 NORTH RD	48 NORTH RD	W HARWICH	MA	02671
1195	11-A1-A-0-E	HARWICH CONSERVATION TRUST	0 NORTH RD	PO BOX 101	S HARWICH	MA	02661
19127	19-A9-2-0-R	NORTON PAUL & NORTON MARIA	68 SMITH ST	68 SMITH ST	W HARWICH	MA	02671
8675	19-A10-0-R	ULLMAN SCOTT W TRS ET AL ULLMAN MAUREEN A TRS	76 SMITH ST	76 SMITH ST	W HARWICH	MA	02671
2405	19-M1-0-R	DUDECK THOMAS G & DUDECK ROBERTA G	53 NORTH RD	2447 BREAKWATER WAY	NAPLES	FL	34112
2414	19-S1-0-R	LEONARD JANICE TR 47-52 NORTH ROAD REALTY TRUST	52 NORTH RD	975 PITCHERS WAY APT 2	HYANNIS	MA	02601
2439	19-S2-0-R	MCGRATH MARY LOU TRUSTEE C/O LEONARD JANICE TR	47 NORTH RD	975 PITCHERS WAY UNIT 2	HYANNIS	MA	02601

Ryder & Wilcox

SURVEYING · ENGINEERING
HOME PLANNING & DESIGN

* previous variance
request

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

March 27, 2019

Town of Harwich Board of Health
732 Main Street
Harwich, MA 02645

RE: 52 North Road (Map 19, Parcel S1)

Dear Board Members,

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This parcel currently supports a two-bedroom dwelling. A large portion of the property contains wetland; the entire property lies within Land Subject to Coastal Storm Flowage. Soil testing in the southwest corner of the lot and outside of the 100-foot buffer to the wetland shows clean sand with a perc rate less than 2 minutes per inch. Groundwater was encountered at a depth of 56"; the estimated high water elevation is 42" below grade. In order to provide a 5' minimum vertical separation between the bottom of the proposed soil absorption system ("SAS") and the estimated high groundwater, a raised SAS is proposed.

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310 CMR 15.211: Minimum Setback Distances

The pump chamber shall be 7'+/- from a Property Line (3' variance is required)

310 CMR 15.227(5): Placement and Construction of Tees

The septic tank and pump chamber inverts shall be less than 1' above the high groundwater elevation. (0.35' & 0.7' variances required)

Town of Harwich Board of Health Regulations – Part 2-Disposal Works Regulations, Regulation 1.210

The Soil Absorption System (SAS) shall be 87'+/- from the edge of a wetland (13' variance required)

I have included 8 sets of the proposed On-Site Sewage Treatment & Disposal System Plan, Existing floor plans, the Abutter Notification letter, a Certified list of abutters, and a check for \$125.00.

Ryder & Wilcox

SURVEYING · ENGINEERING
HOME PLANNING & DESIGN

March 27, 2019

* previous variance
request

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

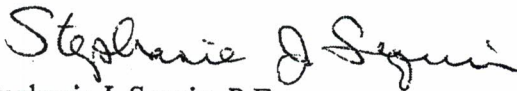
Re: 52 North Road (Map 19 Parcel S1)

Dear Abutter:

You are being notified pursuant to the State Environmental Code, Title 5, and the Harwich Board of Health Regulations that the Board of Health will hold a public hearing to consider a request for variances from applicable State and Local Regulations. The variances will allow installation of a new sewage disposal system to serve the existing dwelling at 52 North Road.

A copy of the letter requesting a hearing is enclosed. Copies of a Site Plan are on file with the Board of Health and may be viewed prior to the public hearing to be held on April 9, 2019 in Town Hall, 732 Main Street. Hearings begin at 7:00 P.M.

Sincerely,



Stephanie J. Sequin, P.E.

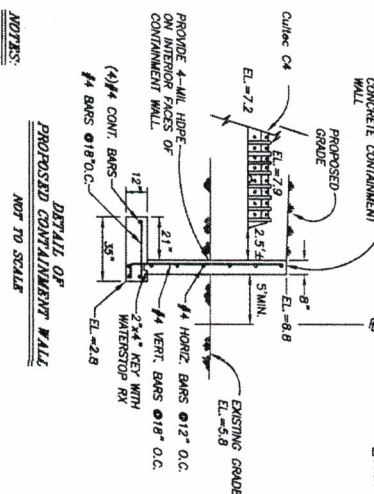
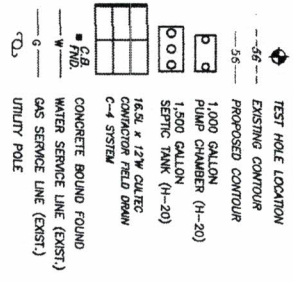
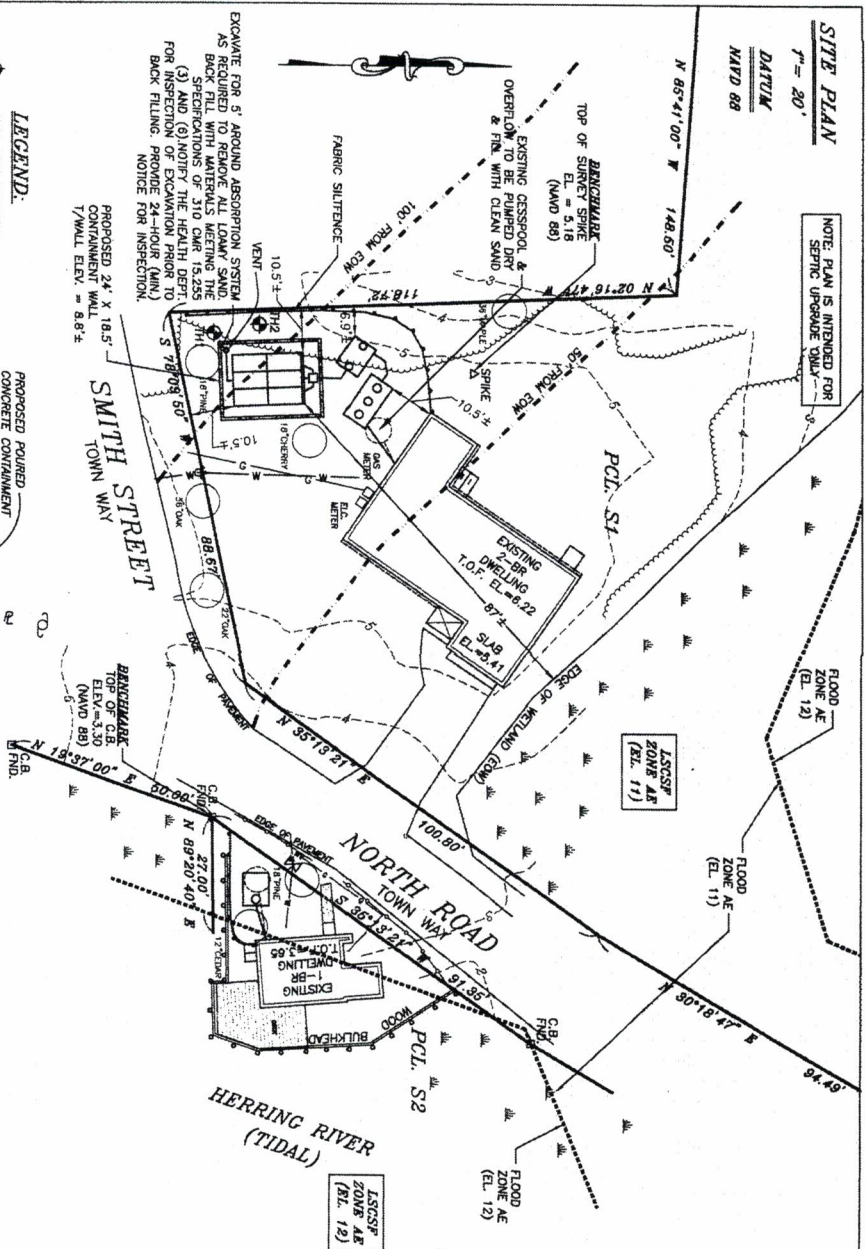
cc: Smith
R&W #12218

SITE PLAN

1" = 20'

DAIUM
NAVD 88

NOTE: PLAN IS INTENDED FOR SEPTIC UPGRADE ONLY.



TEST HOLE DATA

DATE OF TEST HOLES: 12/12/2018
INSP. BY: D. QUINN (RAW)
K. TENAGLIA (HEALTH DEPT)

WATER ENCOUNTERED: TH1 @ 58"
TH2 @ 58"

No. 1			
DEPTH (ft)	SOIL	SOIL	ELEVATION (ft)
0 - 4	O	FIBRIC	5.8 - 5.3
4 - 14	A	LOAMY SAND	5.3 - 4.4
14 - 32	B	LOAMY SAND	4.4 - 2.8
32 - 64	C1	MEDIUM SAND	2.8 - 0.3
64 - 84	C2	COARSE SAND	0.3 - -2.4

No. 2			
DEPTH (ft)	SOIL	SOIL	ELEVATION (ft)
0 - 10	PILL		5.8 - 4.8
10 - 19	A	LOAMY SAND	4.8 - 4.0
19 - 24	B	LOAMY SAND	4.0 - 3.8
24 - 30	C	FINE SAND	3.8 - -1.8

TYPE OF PUMP AT 25' (C-LAYER) 2" DIA./IN.

NOTES:
1. ALL CONCRETE SHALL BE CLASS A 3000 PSI AT 28 DAYS WITH TYPE I ORDINARY PORTLAND CEMENT.
2. ALL REINFORCING STEEL SHALL BE GRADE 60 OR AS APPROVED BY THE ENGINEER.
3. 3" OF COVER REQUIRED ON ALL REINFORCING STEEL.
4. 1" CHAMBER REQUIRED ON ALL EXPOSED EDGES.
5. ALL INTERIOR FACES OF CONTAINMENT WALL SHALL BE LINED WITH 4-MIL HOPE OR APPROVED EQUAL.

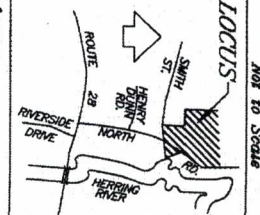
GENERAL NOTES:

1. SYSTEM IS DESIGNED IN ACCORDANCE WITH COMMUNALITY OF MASS, DEPT OF ENVIRONMENTAL AFFAIRS, CODE TITLE 8, STATE ENVIRONMENTAL CODE TITLE 8, STANDARDS AND REGULATIONS FOR THE SITING, CONSTRUCTION, INSPECTION, UPGRADE AND MAINTENANCE OF SEPTIC SYSTEMS AND DISPOSAL SYSTEMS, AND THE TOWN OF HANNOCH REGULATIONS, EXCEPT AS NOTED.
2. NO WELLS OR WATER SUPPLIES ARE KNOWN TO EXIST WITHIN 100 FEET OF 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. VERIFYING LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
5. ANY CHANGES TO THIS PLAN MUST BE APPROVED BY THE BOARD OF HEALTH.
6. AREA SERVED BY TOWN WATER.

CONSTRUCTION NOTES:

1. LIMITS OF CONSTRUCTION AND/OR GRADING TO BE AS SHOWN ON PLAN AND SHALL BE VISIBLY MARKED, PRIOR TO, AND DURING CONSTRUCTION.
2. DURING CONSTRUCTION, SECURITY RAMPED IN PLACE PRIOR TO CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL RESTORED.
3. DISTURBED AREAS SHALL BE STABILIZED AND REGENERATED AS SOON AS PRACTICABLE.
4. ALL EXCESS EXCAVATED SOIL SHALL BE PLACED DIRECTLY INTO TRUCKS FOR REMOVAL FROM SITE. THERE SHALL BE NO ADDITIONAL WORK BEYOND THE SCOPE OF THAT WHICH IS SHOWN HEREON WILL REQUIRE CONSERVATION COMMISSION APPROVAL.

LOCATION MAP



PROPOSED ON-SITE SEWAGE TREATMENT & DISPOSAL SYSTEM

Prepared for: Tom Smith
Location: 52 North Road, Haverhill, MA

Prepared by: RAS
Date: Dec. 4, 2020 (Stamp) 068 No. 125019



12/14/20

PUMP SPECIFICATIONS:

1. PUMP SHALL BE "WETTED" SHAFT (0.4 H.P.), OR APPROVED EQUAL, AND SHALL BE CAPABLE OF PASSING AT LEAST 125 SOLIDS AT A DISCHARGE RATE OF 80.7 GPM @ 10.2 TON.
2. PUMP SHALL BE INSTALLED IN STRICT COMPLIANCE WITH MANUFACTURER'S SPECIFICATIONS.
3. PUMP CONTRACT SHALL INCLUDE PROTECTIVE AND OPERATE IN THE FOLLOWING SEQUENCE:
 - A) PUMP OFF
 - B) PUMP ON
4. PUMP SHALL BE EQUIPPED WITH AN ALARM AND SIGNAL ALARM INSTALLED IN A BUILDING TO PROMOTE ADEQUATE WARNING IN CASE OF PUMP FAILURE. ALARM SHALL BE FORWARDED BY A CREDIT SERVICE FROM THE PUMP POWER.
5. CHECK VALVE, AUTOMATIC CONTROL AND CONTROL BOX SHALL BE AS SPECIFIED BY PUMP MANUFACTURER.
6. CONTRACTOR SHALL PRESSURE-TEST FORCE MAIN TO ASSURE WATER-TIGHTNESS.
7. PUMP AND ALARMS SHALL BE INSPECTED AND MAINTAINED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS (AT LEAST ANNUALLY).
8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT ALL SYSTEM OR SIMILAR APPARATUS BE INSTALLED TO FACILITATE REMOVAL OF PUMP FOR INSPECTION AND MAINTENANCE.

DOSING CALCULATIONS:

220 GPD, 8 PASSES/PUMP
 PREP VOLUME (1152 GAL./7) = 36.7 GAL./DOSE
 STORAGE VOLUME: 3'x20'8" DIA./INCH = 416 GAL.
 38 GAL./DOSE REQ'D.

BUOYANCY CALCULATIONS:

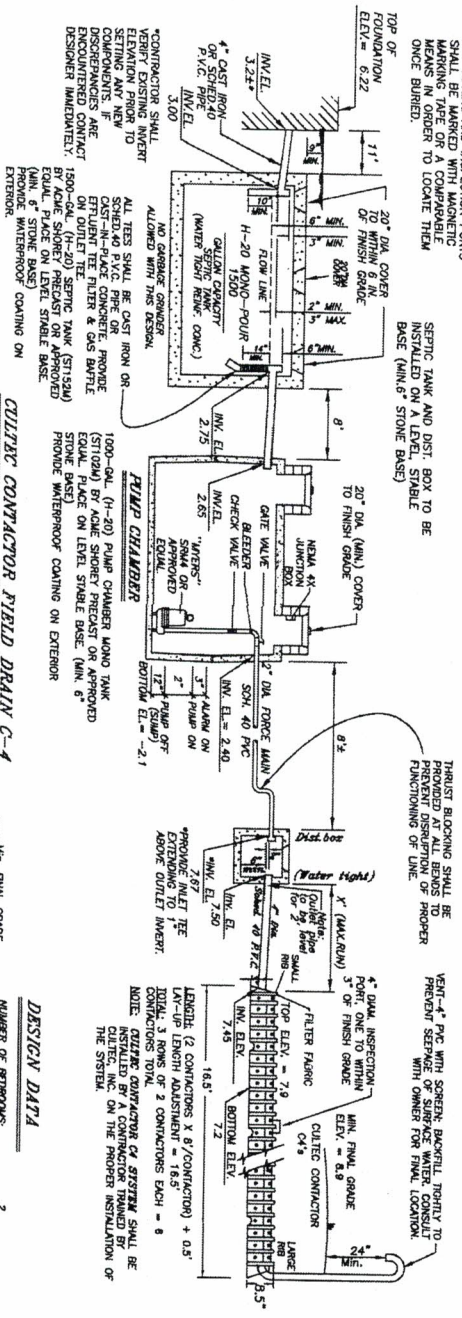
PUMP CHAMBER -
 VOLUME OF INSTALLED WATER = 6.077(7)X4.4 = 913.3 CF.
 FORCE OF BUOYANCY = 62.4 LB./CF. X 913.3 CF. = 12,081 LB.
 WEIGHT OF THE TANK = 17,100 LB.
 (7) FT. OF SOIL (BACKFILL) = 1.25'-89.5 C.F.
 WEIGHT OF SOIL = 62.5 C.F. X 129 LB./CF. = 8,063 LB.
 WEIGHT OF PUMP = 40 LB.
 VOLUME OF WATER IN TANK (OF PUMP OFF) = 11.5 C.F.
 WEIGHT OF WATER IN TANK = 33.4 C.F. X 62.4 LB./CF. = 2,084 LB.
 FORCE OF RESISTANCE = 17,100 LB. + 6,989 LB. + 40 LB. + 2,004 LB. = 26,707 LB.
 26,707 LB. > 12,081 LB.

BUOYANCY CALCULATIONS:

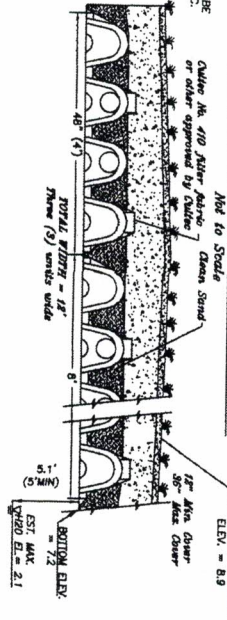
SEPTIC TANK -
 VOLUME OF DISPLACED WATER = 6.077(15)X9.8 = 289.1 C.F.
 FORCE OF BUOYANCY = 62.4 LB./CF. X 289.1 C.F. = 18,792 LB.
 WEIGHT OF THE TANK = 23,000 LB.
 VOLUME OF SOIL (BACKFILL) = (11.5' X 6.7' X 2.5') X 1.25' = 81.3 C.F.
 WEIGHT OF SOIL = 62.5 C.F. X 129 LB./CF. = 8,063 LB.
 VOLUME OF WATER IN TANK = 4.0' X 10.6' X 6.0' = 212 C.F.
 WEIGHT OF WATER IN TANK = 212 C.F. X 62.4 LB./CF. = 13,229 LB.
 FORCE OF RESISTANCE = 23,000 LB. + 10,183 LB. + 13,229 LB. = 46,392 LB.
 46,392 LB. > 18,792 LB.

TYPICAL SYSTEM PROFILE (#52)

Not to Scale



COLLECTOR CONTRACTOR PIPED DRAIN C-4



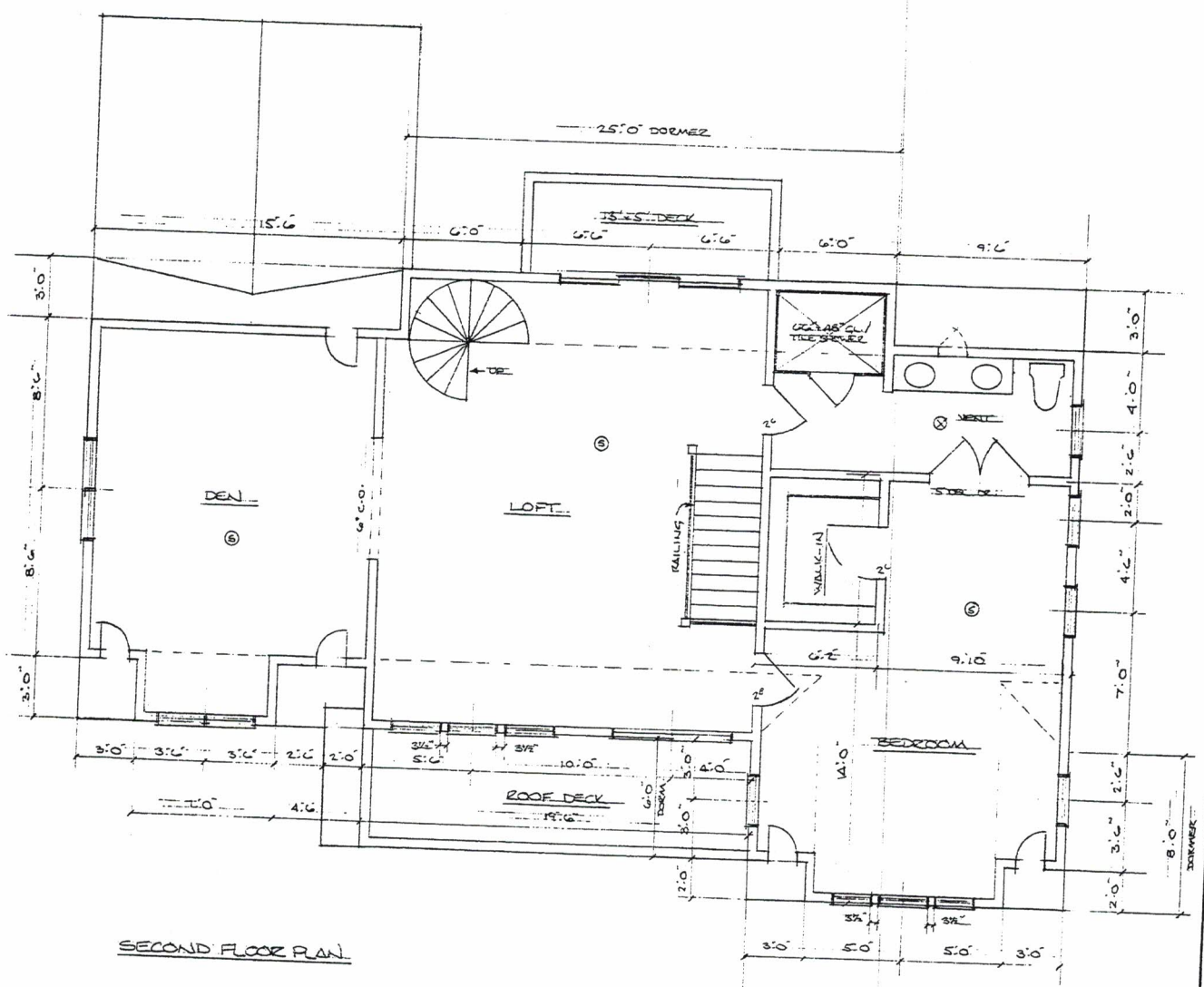
DESIGN DATA

NUMBER OF BEDROOMS: 2
 ESTIMATED DAILY EFFLUENT: 220 GPD
 TOTAL LEACHING AREA AS PROPOSED: 6.7 S.F. X 4.5 = 30.15 S.F.
 LEACHING CAPACITY AS PROPOSED: (EFFLUENT LOADING RATE = 0.74 GPD/SF)
 BOTTOM: 33.1' X 0.74 = 24.6 GPD
TOTAL = 245.0 GPD

PROPOSED ON-SITE SEWAGE TREATMENT & DISPOSAL SYSTEM

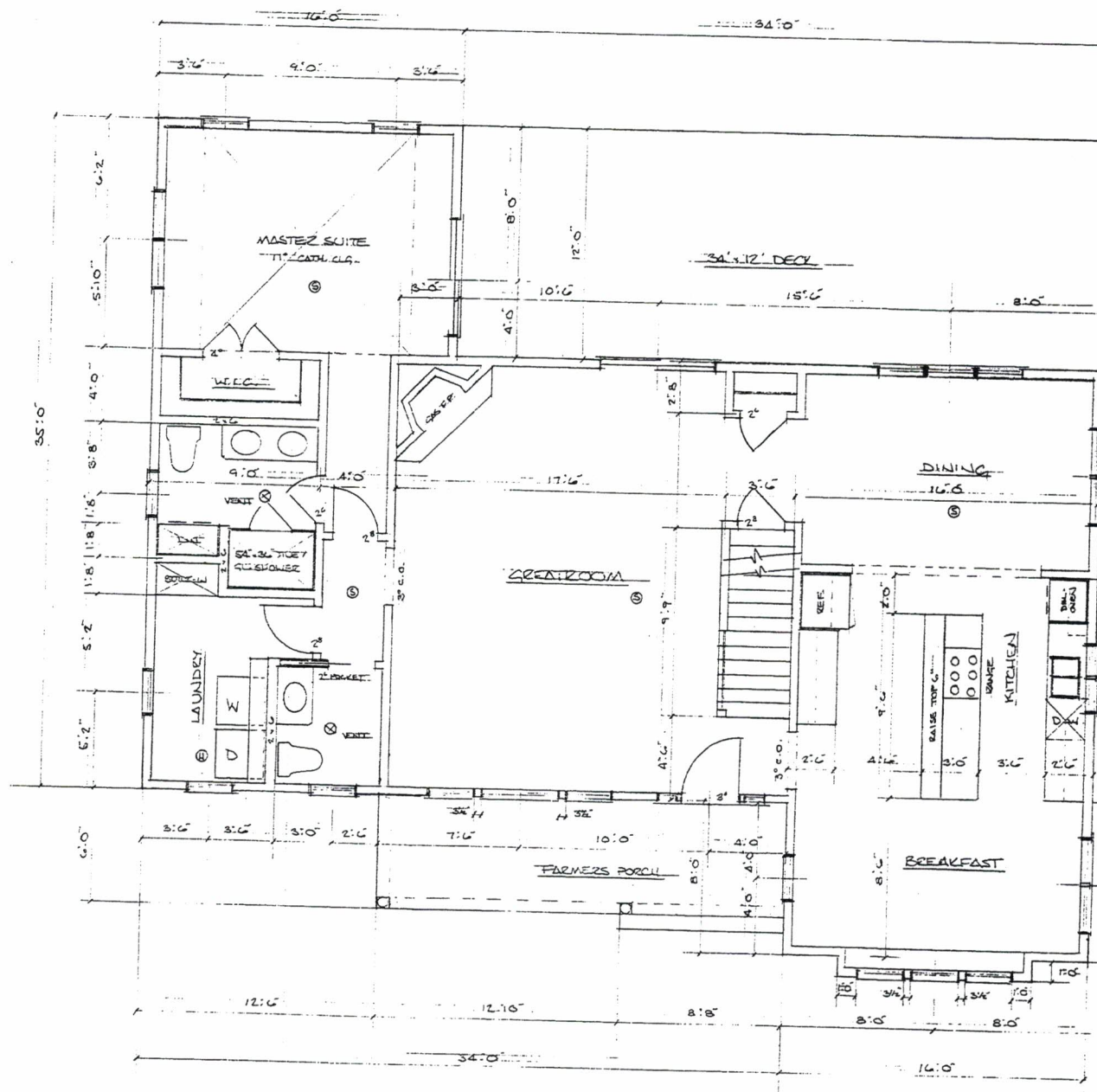
Prepared for: Tom Smith
 Location: 52 North Road, Harwich MA

Walter & Wilson, Inc. P.E. & P.L.S.
 P.O. Box 458 Harwich MA 02646
 Tel: (508) 255-6372
 Fax: (508) 240-2306



SECOND FLOOR PLAN

GRAVEN ARCHITECTURAL DESIGN			
SCALE: 1/8" = 1'-0"	APPROVED BY:	DRAWN BY:	
DATE: 12/27/19		REVISED:	
SUNRISE CONSTRUCTION		DRAWING NUMBER: Δ2/4	



- FIRST FLOOR PLAN