



REQUEST FOR DETERMINATION OF APPLICABILITY APPLICATION

For a Sewer Connection within the Buffer Zone

At

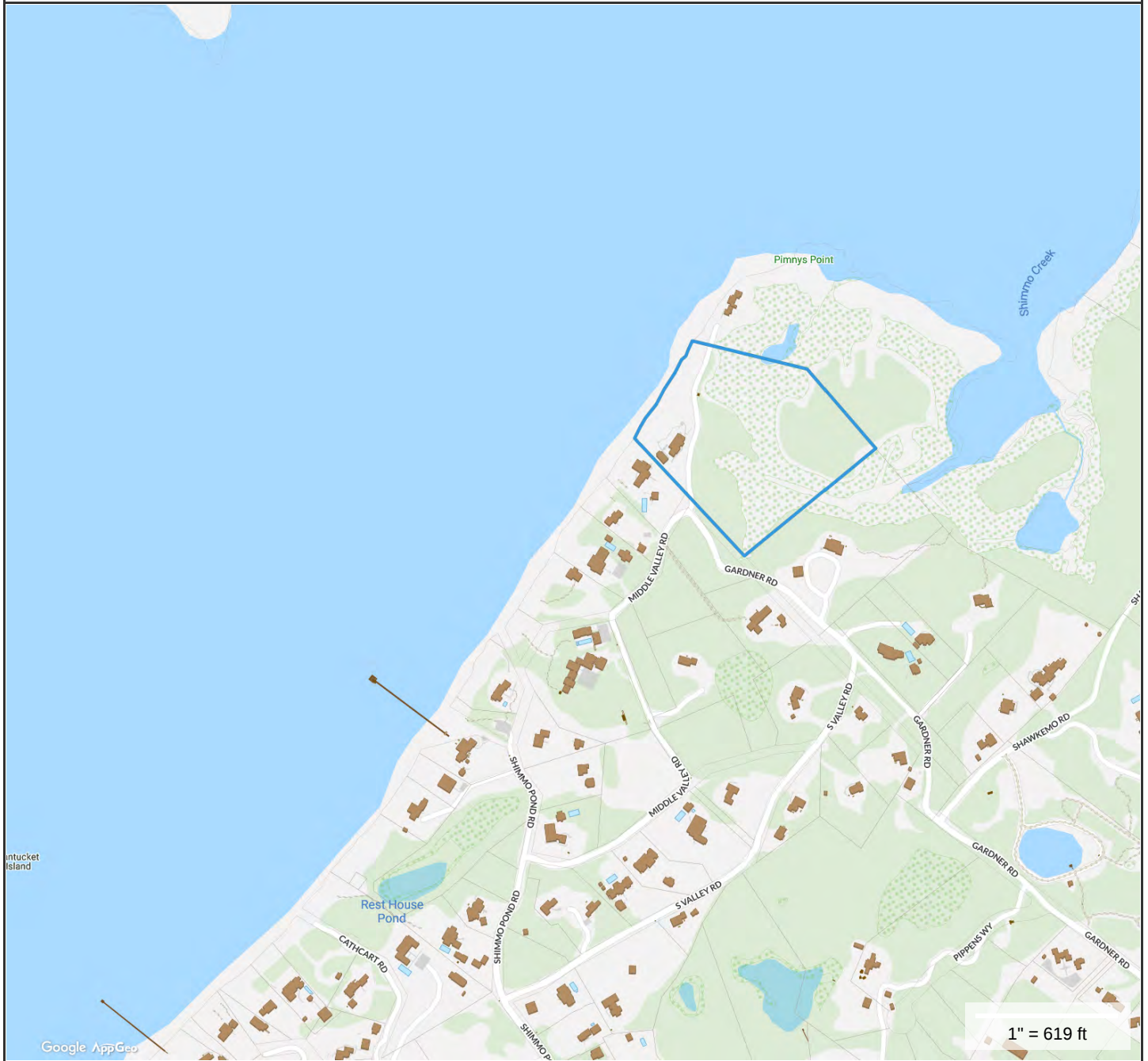
37 Gardner Road
Nantucket, MA

December 2020

Prepared For

COLEMAN P. BURKE

Locus Map



Property Information

Property ID 43 85
Location 37 GARDNER RD
Owner BURKE COLEMAN P



**MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT**

Town and County of Nantucket, MA makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated 11/13/2018
 Data updated 11/19/2018



WPA Form 1- Request for Determination of Applicability

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

A. General Information

Important:

When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



1. Applicant:

Coleman P. Burke

Name

E-Mail Address

37 Gardner Road

Mailing Address

Nantucket

City/Town

MA

State

02554

Zip Code

Phone Number

Fax Number (if applicable)

2. Representative (if any):

Nantucket Engineering & Survey, P.C.

Firm

Arthur D. Gasbarro, PE, PLS

Contact Name

art@NantucketEngineer.com

E-Mail Address

20 Mary Ann Drive

Mailing Address

Nantucket

City/Town

MA

State

02554

Zip Code

508-825-5053

Phone Number

Fax Number (if applicable)

B. Determinations

1. I request the Nantucket _____ make the following determination(s). Check any that apply:
Conservation Commission

- a. whether the **area** depicted on plan(s) and/or map(s) referenced below is an area subject to jurisdiction of the Wetlands Protection Act.
- b. whether the **boundaries** of resource area(s) depicted on plan(s) and/or map(s) referenced below are accurately delineated.
- c. whether the **work** depicted on plan(s) referenced below is subject to the Wetlands Protection Act.
- d. whether the area and/or work depicted on plan(s) referenced below is subject to the jurisdiction of any **municipal wetlands ordinance** or **bylaw** of:

Nantucket

Name of Municipality

- e. whether the following **scope of alternatives** is adequate for work in the Riverfront Area as depicted on referenced plan(s).



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C. Project Description

1. a. Project Location (use maps and plans to identify the location of the area subject to this request):

<u>37 Gardner Road</u>	<u>Nantucket</u>
Street Address	City/Town
<u>43</u>	<u>85</u>
Assessors Map/Plat Number	Parcel/Lot Number

b. Area Description (use additional paper, if necessary):

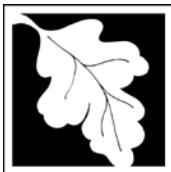
The subject property is approximately 10-acres in size and is located in the Shimmo area of Nantucket Island. The property is bounded to the east, south and west by developed residential properties, and along the northerly frontage by Nantucket Harbor. The Wetland Resource Area on-site subject to jurisdiction of the Commission near the proposed work is a Bordering Vegetated Wetland and associated Buffer Zones. The boundary of this resource area is shown per SE48-2548. Locus contains a single-family dwelling with associated residential uses, served by an on-site septic system.

c. Plan and/or Map Reference(s):

<u>Sewer Connection Plan</u>	<u>12-16-20</u>
Title	Date
<u> </u>	<u> </u>
Title	Date
<u> </u>	<u> </u>
Title	Date

2. a. Work Description (use additional paper and/or provide plan(s) of work, if necessary):

The Applicant proposes to remove an existing septic tank, then install a sewer pump chamber and forcemain to connect to the Town Sewer system within the buffer zone. The connection to the Town Sewer is system is proposed within existing driveway areas, greater than 25-feet from the vegetated wetland. The existing septic system will decommissioned in accordance with Title 5 requirements. The area between the connection and resource area is developed and maintained.



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C. Project Description (cont.)

b. Identify provisions of the Wetlands Protection Act or regulations which may exempt the applicant from having to file a Notice of Intent for all or part of the described work (use additional paper, if necessary).

No work is proposed within 25-feet of the Resource Area boundaries. No waivers are required from applicable regulations.

3. a. If this application is a Request for Determination of Scope of Alternatives for work in the Riverfront Area, indicate the one classification below that best describes the project.

- Single family house on a lot recorded on or before 8/1/96
- Single family house on a lot recorded after 8/1/96
- Expansion of an existing structure on a lot recorded after 8/1/96
- Project, other than a single family house or public project, where the applicant owned the lot before 8/7/96
- New agriculture or aquaculture project
- Public project where funds were appropriated prior to 8/7/96
- Project on a lot shown on an approved, definitive subdivision plan where there is a recorded deed restriction limiting total alteration of the Riverfront Area for the entire subdivision
- Residential subdivision; institutional, industrial, or commercial project
- Municipal project
- District, county, state, or federal government project
- Project required to evaluate off-site alternatives in more than one municipality in an Environmental Impact Report under MEPA or in an alternatives analysis pursuant to an application for a 404 permit from the U.S. Army Corps of Engineers or 401 Water Quality Certification from the Department of Environmental Protection.

b. Provide evidence (e.g., record of date subdivision lot was recorded) supporting the classification above (use additional paper and/or attach appropriate documents, if necessary.)



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D. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Request for Determination of Applicability and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge.

I further certify that the property owner, if different from the applicant, and the appropriate DEP Regional Office were sent a complete copy of this Request (including all appropriate documentation) simultaneously with the submittal of this Request to the Conservation Commission.

Failure by the applicant to send copies in a timely manner may result in dismissal of the Request for Determination of Applicability.

Name and address of the property owner:

Coleman P. Burke

Name

c/o Waterfront NY 610 W 26th St., Suite 910

Mailing Address

New York

City/Town

NY

State

1001

Zip Code

Signatures:

I also understand that notification of this Request will be placed in a local newspaper at my expense in accordance with Section 10.05(3)(b)(1) of the Wetlands Protection Act regulations.

Signature of Applicant

12/16/20

Date

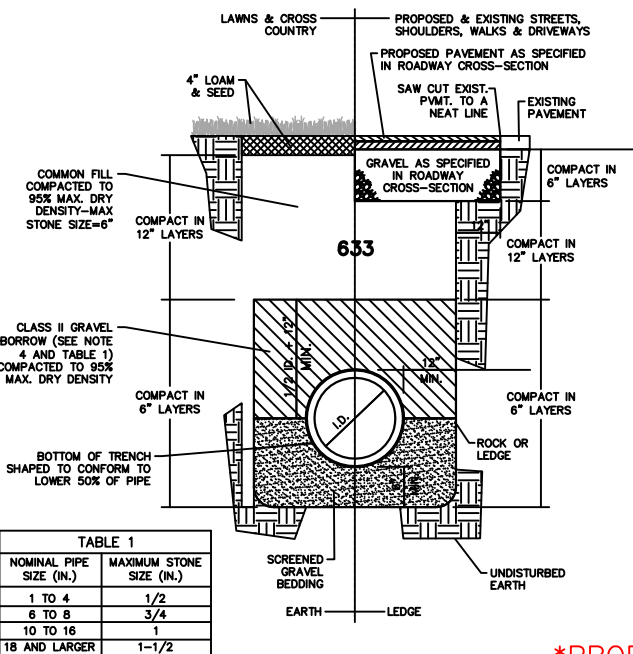
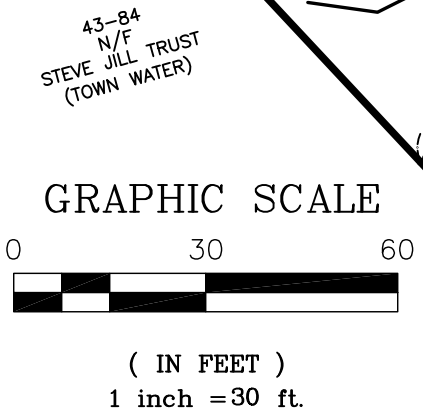
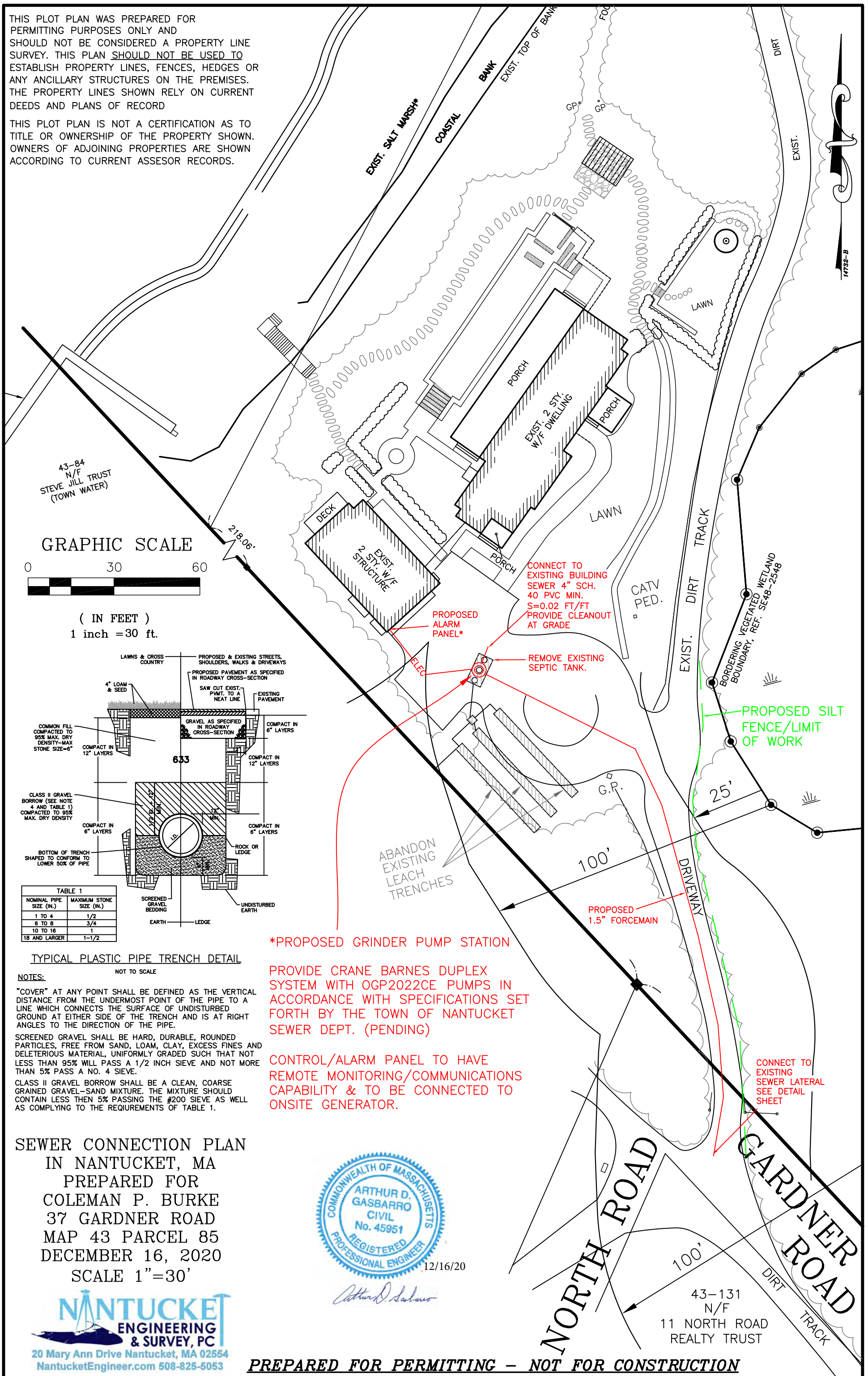
Signature of Representative (if any)

12/16/20

Date

THIS PLOT PLAN WAS PREPARED FOR PERMITTING PURPOSES ONLY AND SHOULD NOT BE CONSIDERED A PROPERTY LINE SURVEY. THIS PLAN SHOULD NOT BE USED TO ESTABLISH PROPERTY LINES, FENCES, HEDGES OR ANY ANCILLARY STRUCTURES ON THE PREMISES. THE PROPERTY LINES SHOWN RELY ON CURRENT DEEDS AND PLANS OF RECORD

THIS PLOT PLAN IS NOT A CERTIFICATION AS TO TITLE OR OWNERSHIP OF THE PROPERTY SHOWN. OWNERS OF ADJOINING PROPERTIES ARE SHOWN ACCORDING TO CURRENT ASSESSOR RECORDS.

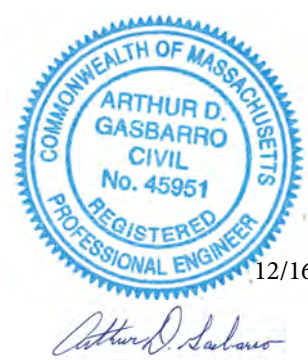


TYPICAL PLASTIC PIPE TRENCH DETAIL
NOT TO SCALE

NOTES:
"COVER" AT ANY POINT SHALL BE DEFINED AS THE VERTICAL DISTANCE FROM THE UNDERMOST POINT OF THE PIPE TO A LINE WHICH CONNECTS THE SURFACE OF UNDISTURBED GROUND AT EITHER SIDE OF THE TRENCH AND IS AT RIGHT ANGLES TO THE DIRECTION OF THE PIPE.
SCREENED GRAVEL SHALL BE HARD, DURABLE, ROUNDED PARTICLES, FREE FROM SAND, LOAM, CLAY, EXCESS FINES AND DELETERIOUS MATERIAL, UNIFORMLY GRADED SUCH THAT NOT LESS THAN 95% WILL PASS A 1/2 INCH SIEVE AND NOT MORE THAN 5% PASS A NO. 4 SIEVE.
CLASS II GRAVEL BORROW SHALL BE A CLEAN, COARSE GRAINED GRAVEL-SAND MIXTURE. THE MIXTURE SHOULD CONTAIN LESS THEN 5% PASSING THE #200 SIEVE AS WELL AS COMPLYING TO THE REQUIREMENTS OF TABLE 1.

***PROPOSED GRINDER PUMP STATION**
PROVIDE CRANE BARNES DUPLEX SYSTEM WITH OGP2022CE PUMPS IN ACCORDANCE WITH SPECIFICATIONS SET FORTH BY THE TOWN OF NANTUCKET SEWER DEPT. (PENDING)
CONTROL/ALARM PANEL TO HAVE REMOTE MONITORING/COMMUNICATIONS CAPABILITY & TO BE CONNECTED TO ONSITE GENERATOR.

SEWER CONNECTION PLAN
IN NANTUCKET, MA
PREPARED FOR
COLEMAN P. BURKE
37 GARDNER ROAD
MAP 43 PARCEL 85
DECEMBER 16, 2020
SCALE 1"=30'

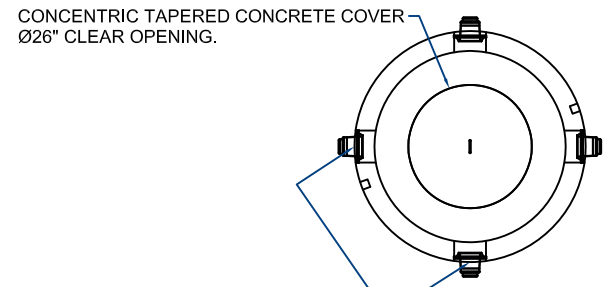


12/16/20



PREPARED FOR PERMITTING - NOT FOR CONSTRUCTION

NOTES:
1.) SEAM SEALED WITH FLEXIBLE BUTYL RUBBER SEALANT.
2.) OPTIONAL ITEMS:
A.) COATING.
B.) EXTENDED BASE.
3.) STD COVER TAPERS FROM Ø30" TO Ø26".

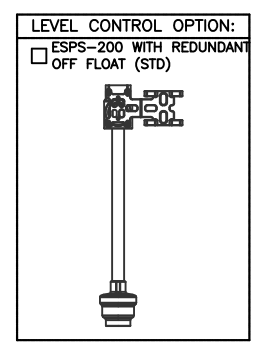
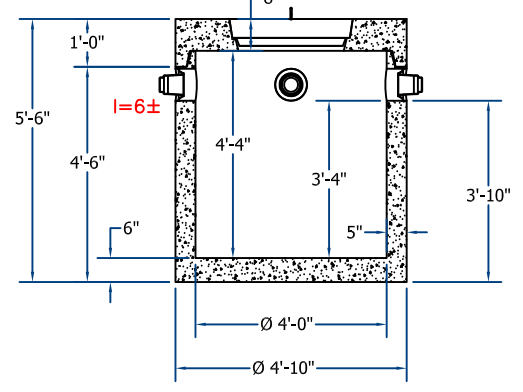


CONCENTRIC TAPERED CONCRETE COVER
Ø26" CLEAR OPENING.

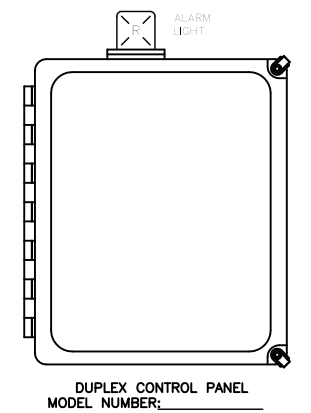
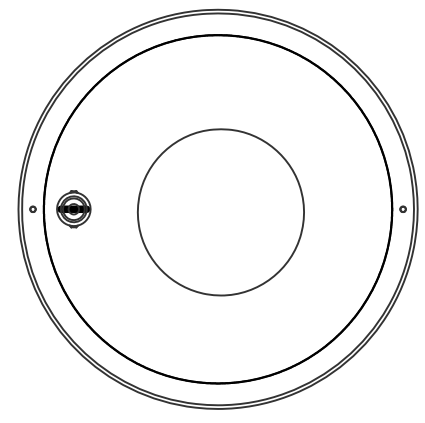
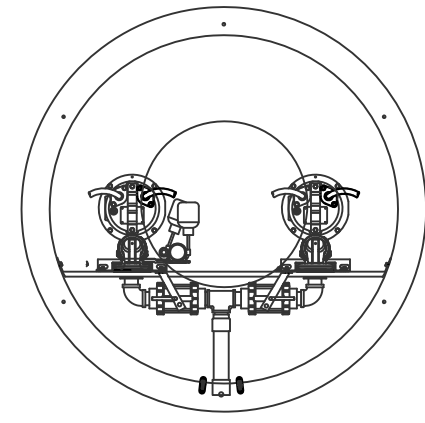
(4) Ø8" HOLES
W/Ø 2"-4" BOOTS
@ QUADRANTS

FG=9.0±

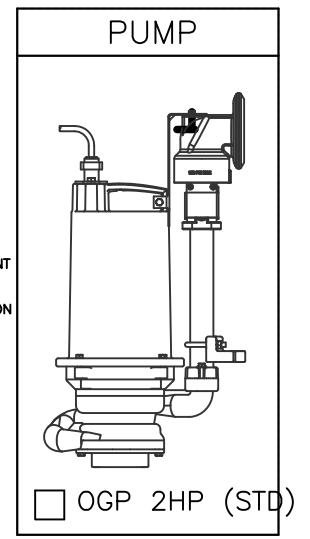
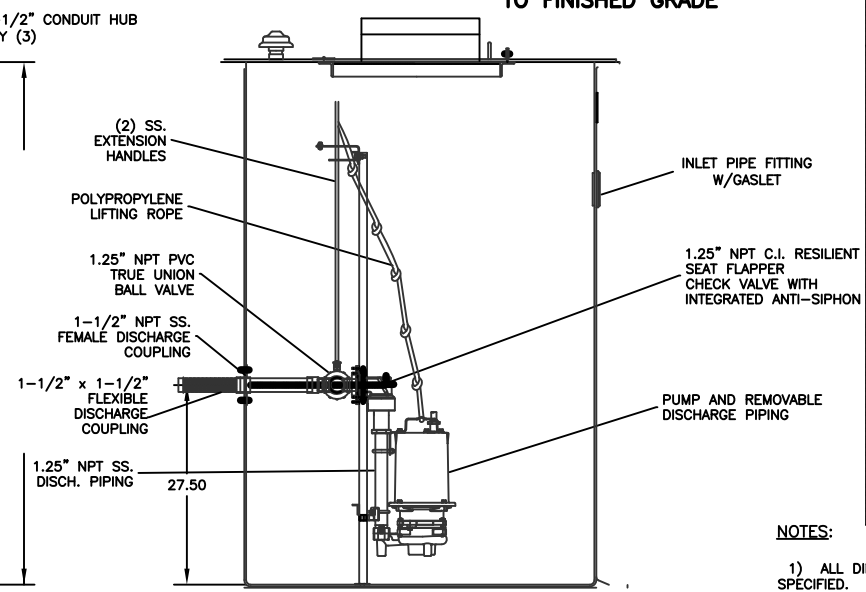
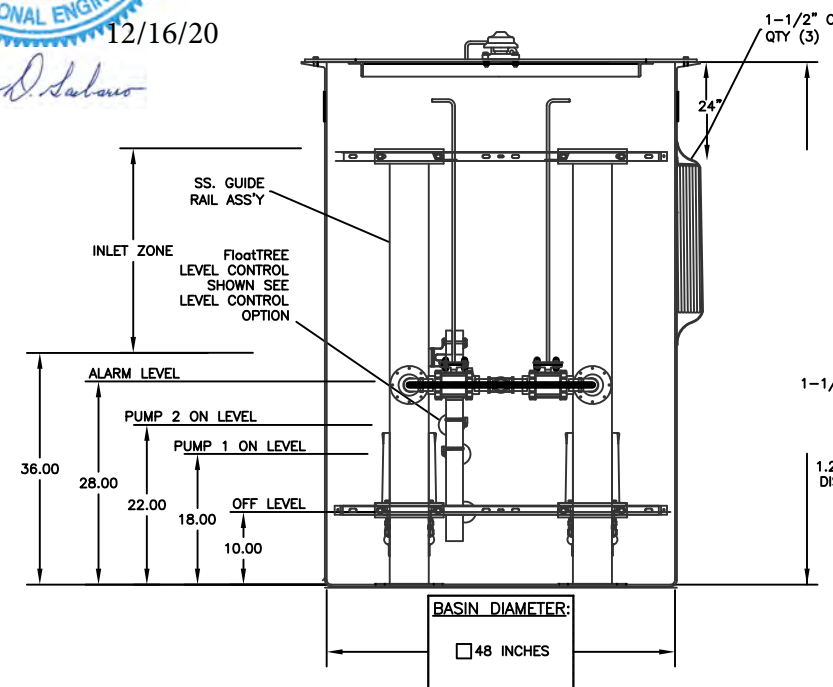
PROVIDE CONCRETE RISER & STEEL COVER (H2O) TO FINISHED GRADE



12/16/20
Arthur D. Gasbarro



PROVIDE CONCRETE RISER
2'x3' METAL HATCH COVER
TO FINISHED GRADE

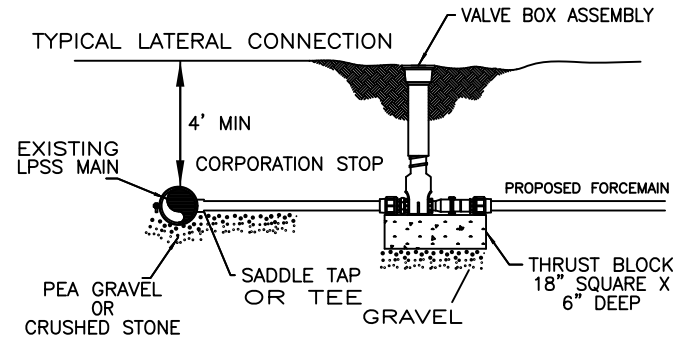


NAME: PUMP CHAMBER, 4' ID, NANTUCKET SPECIAL (335 GALLONS W/4) BOOTS	H-20	ITEM# PCR4335BNS
Concrete Minimum Strength: 5,000 p.s.i. at 28 days	TOP 1,500 Lbs	DATE: 4-24-2019
Steel Reinforcement: ASTM A615, Grade 60	BOTTOM 5,200 Lbs	Ch 9 Pg 1.3 Sht 2 of 2
Design Loading: standard units - AASHTO - H20		

GENERAL NOTES

- 1) The contractor(s) shall notify the Design Engineer / Surveyor for proper location of proposed utilities and improvements prior to construction. The location of existing utilities are approximate only. The proper utility companies shall be notified by the contractor to field verify underground locations. Contractor must contact DIG-SAFE @1-888-344-7233.
- 2) The contractor shall provide for the safe and orderly passage of traffic and pedestrians in areas under construction.
- 3) Areas outside limits of work disturbed by the contractor during construction will be restored to their original condition at the expense of the contractor.
- 4) Removal of trees and /or hedges in areas adjacent to the proposed travel way is to be done only upon direction of the engineer and after verification of the location of the back of proposed work, by the contractor.
- 5) The contractor shall be responsible for all disturbed areas until a suitable vegetative growth has been established.
- 6) No variation to these plans may be undertaken without written authorization by the Design Engineer. Design engineer must be notified if field revisions are required.
- 7) Contractor must comply with all standards and specifications for the installation of a sanitary sewer in the Town of Nantucket. These standards are available from the SEWER DEPT. Contractors work must meet or exceed these specifications or he/she will be responsible for any upgrades to the required standards.

- 8) Water and sewer separation: Sewers shall be laid at a minimum of 10 ft. horizontally from the existing water line. Whenever sewers must cross under water main, the sewer shall be laid at least 18 inches below the bottom of the water main. When the elevation to the sewer cannot be adjusted to comply with the above requirement, the contractor shall encase the sewer line in concrete for a distance of 10 feet on each side of the water main.
- 9) At time sewer system is installed, a pressure test and leakage test shall be performed. (See specifications provided on approved plans.) Test to be conducted by contractor under the direction of the Town of Nantucket Engineer. Tests to be performed to the satisfaction of Inspecting Engineer. Design Engineer is to be notified as to when test is to be performed, so that he/she may be present during testing. Test is to be performed only after all underground utilities have been installed.



- NOTES:
- 1) ALL DIMENSIONS TO BE ± 1/4" UNLESS OTHERWISE SPECIFIED.
 - 2) INTERMEDIATE SUPPORT SUPPLIED FOR DEPTHS 12 FT. AND DEEPER.
 - 3) CONSULT FACTORY FOR OTHER DEPTHS.

SEWER CONNECTION PLAN
IN NANTUCKET, MA
PREPARED FOR
COLEMAN P. BURKE
37 GARDNER ROAD
MAP 43 PARCEL 85
DECEMBER 16, 2020
NOT TO SCALE





43 84

43 85

43 131

41.28788,-70.073951