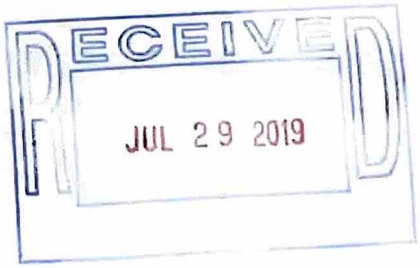
MEMORANDUM

FINANCE MEMO – 19-017



TO: Angela Lane, Finance Director

FROM: Ray Clarke, County Engineer RL

DATE: July 12, 2019

SUBJECT: Check Request – Talbot County Environmental Health
Sanitary Construction Permit Fee – OSDS Program

In 2006, the Maryland Department of the Environment allocated Talbot County $1.1 million to design and install denitrifying treatment systems on individual on-site sewage disposal systems (septic systems). These funds are associated with the Bay Restoration Fund (Flush Fee) that is assessed for each property in the unincorporated areas. The Department of Public Works has processed the easement and is presently engaged in the installation of the denitrifying treatment unit for the residential structure that exists on the property listed below:

PROPERTY OWNER:	William & Sue Gallagher
PROPERTY LOCATION:	27047 Presquile Rd, Easton MD 21601
TAX ID:	01-083295 (Tax Map 0009, Parcel 0029)

In accordance with the FY2010 budget, please process a check in the amount of $600 for the Sanitary Construction Permit being issued by the Talbot County Environmental Health Office. This charge should be assessed to OSDS 7900, Other Operating Expenses. If you have any questions concerning this matter, please contact me at your earliest convenience. Thank you for your assistance in this matter.

cc. Anne Morse, Environmental Health Director
OSDS DNU Disbursement File
OSDS DNU File

APR - 6 2018

TALBOT COUNTY HEALTH DEPARTMENT

OFFICE OF ENVIRONMENTAL HEALTH
215 BAY STREET, SUITE #4, Easton, MD 21601
410-770-6880 (P) 410-770-6888 (F)

Building Permit No. _____
Receipt No. _____

APPLICATION FOR SANITARY CONSTRUCTION PERMIT

This permit is for an interim individual septic system. The property owners must discontinue use of this individual system & connect to the community system when the community system becomes available.

1. OWNER Gallagher, William, 27047 Presquile Road, Easton, MD 21601
Last Name First Name Mailing Address- E-Mail Address

2. APPLICANT Tyler Contracting Co. Fax#410-745-2373 tylerconco@aol.com
Last Name First Name Phone No. E-Mail Address

3. Size of Lot 19.81 acres 4. Planned Use of Building: ☒ Residential ☐ Commercial: Type _____

If Residential: Sq. Ft. of Living Area _____ #of Bedrooms three

5. Type of Sewage Disposal System: ☒ On-Site Septic System ☐ Connection to Public Sewer

6. Type of Water Supply: ☒ Deep Well ☐ Shallow Well ☐ Community Water Supply

7. I [signature] hereby agree to have the sewage disposal facilities installed in accordance with regulations COMAR 26.04.02 of the Maryland Dept of Environment under the supervision of the Talbot County Health Dept. Should this system fail, I agree to make any changes deemed necessary. THIS APPLICATION SHALL EXPIRE ONE YEAR FROM THE DATE OF APPROVAL.
Signature of Owner

Date 4/5/18

IMPORTANT: NO BUILDING CONSTRUCTION OR SANITARY CONSTRUCTION SHALL BE STARTED BEFORE RECEIVING APPROPRIATE PERMITS. ANY CHANGES IN SANITARY CONSTRUCTION MUST HAVE THE APPROVAL OF THE ENVIRONMENTAL HEALTH SECTION OF THE TALBOT COUNTY HEALTH DEPARTMENT.

DO NOT WRITE BELOW THIS LINE, OFFICIAL USE ONLY

8. Purpose of Sanitary Construction:
☒ New System ☐ Expansion of Existing system
☒ Repair/Replacement ☐ Connection to Existing System
☐ Abandon tank/pit. Tanks/pit must be pumped prior to being crushed, filled or removed.

9. ☒ **BAT Required 450 GPD

10. Septic Tank Specifications: Number of Tanks _____ ( ) Top Seam Tank
☐ 1,000 Gallon Two Compartment ☐ 1,500 Gallon Two Compartment ☒ Concrete Pump Chamber 5x5

11. Total Length of Trench 220 ft. Length of Each Trench 110 Number of Trenches 2
Depth of Each Trench 6 ft Width of Trench 2 ft.
Sand Lined Trenched/6"Stone Below & 2" Above ✓ All Stone Trench _____
Invert of Drainfield 0" at point of highest elevation Install When Ground Water Table is Absent ✓
Soil Type MkA/HfC Management Area B Graded & Seeded ✓
Drainfield location as proposed by Tyler Contracting on 4/4/2018.

Maryland Dept. of the Environment recommends septic tanks, BAT and other pre-treatment units be pumped at a frequency adequate to ensure that solids are not discharged to the disposal area.

**THE ABOVE REFERENCED DENITRIFICATION UNIT MUST BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S GUIDELINES. FINAL APPROVAL FOR SANITARY CONSTRUCTION INSTALLATION WILL NOT BE PROVIDED UNTIL A COPY OF THE MANUFACTURER'S INSTALLATION CERTIFICATION HAS BEEN PROVIDED TO THIS OFFICE.

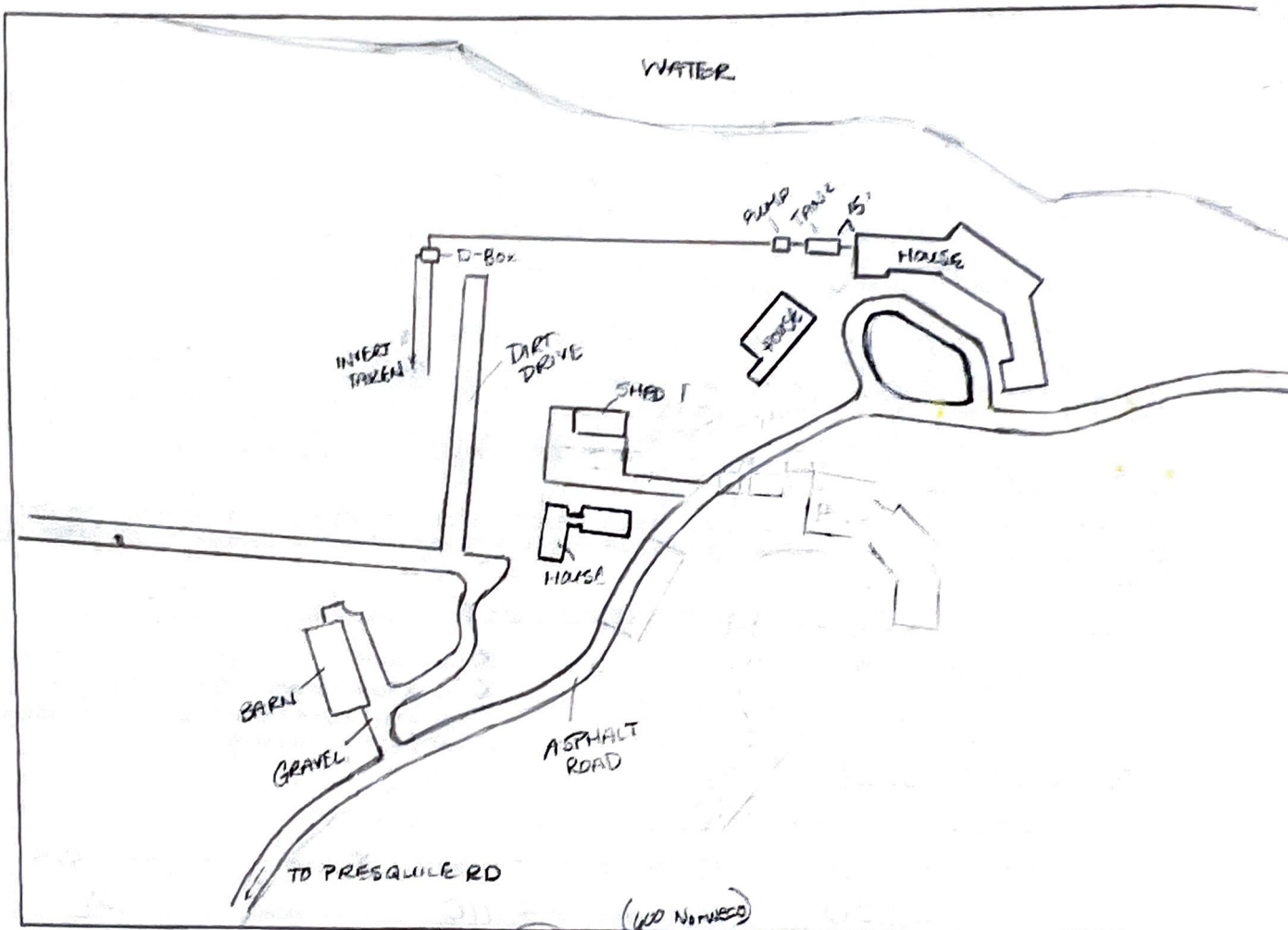
Application Approved 4/24/2018 Meagan Dejter. LEHS
Date Registered Environmental Health Specialist

Map 9 GRID _____ PARCEL 29 LOT # _____

AS-BUILT DRAWING

Date & Time of Inspection(s) 8/16/18 @ 1000

System Installed By: Tyler



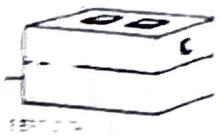
Final Inspection Observations: 8/16/18 (PWM) (400 Notified) Tank and Pump have been set and leveled. Drain Field to be installed next week per contractor. 8/22/18 The second trench was being dug. The trenches were 6' deep with a 5L/LS bottom. The inlet was at grade at higher side. 3/4" clean stone and paper bracing. Good

(X) **Certification of installation of BAT provided**

Licensed Environmental Health Specialist Mark Ree L.EHS, 6/20/19

Towers Concrete Products, Inc.

26425 Hobbs Road Denton, Maryland 21629
Telephone: 410-479-0914 Fax: 410-479-0030
1-800-773-9128



Ready Mixed Concrete – Septic Tanks – Drainage Supplies

On this 16 th day of August 2018, the homeowner(s), William Gallagher own(s) a tract of land located at 27047 Presquile Road Easton in Talbot County, Maryland.

Whereas: the Bay Restoration Fund (BRF) has provided a grant for the cost of an MDE-approved Best Available Technology (BAT) Norweco Singulair TNT nitrogen removal wastewater treatment system.

Towers Concrete Products, Inc., the manufacturer, distributor and service provider, delivered and set the Singulair system in place.

Owner acknowledges and agrees that a Towers Concrete Products, Inc. approved and certified installer installed the Singulair TNT system.

Owner acknowledges and agrees that a Towers Concrete Products, Inc. certified technician installed all internal components and made certain they are properly functional.

A Towers Concrete Products, Inc. representative observed the installation and by his signature below, agrees the unit has been installed in accordance with this company's installation instructions, and this job is considered complete.

The homeowner, by his/her signature below agrees the job has been completed to his/her satisfaction.

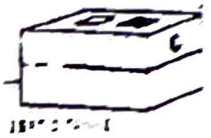
Towers Concrete Products, Inc. Representative's Signature — Date: 08-17-2018

Homeowner's Signature — Date: 8-16-18

APR - 6 2018

Towers Concrete Products, Inc.

26425 Hobbs Road, Denton, Maryland 21629
Telephone: 410-479-0914 Fax: 410-479-0030
1-800-773-9128



Ready Mixed Concrete – Septic Tanks – Drainage Supplies

Talbot County Health Department
Office of Environmental Health
215 Bay St., Suite 6
Easton, Maryland 21601

Towers Concrete Products, Inc. will be supplying a Norweco Singulair 600 GPD TNT Unit, to treat a 1-4 bedroom home, to William Gallagher on the property located at 27047 Presquile Road, Easton , MD 21601. The excavation and installation will be completed by Tyler Contracting a contractor located in St. Michaels, MD. This agreement is valid one year from the date the agreement is signed.

The above information is complete and accurate as evidenced by the signatures of all parties below:

Jeffrey Powell — 04-06-18
Signature — Print Name — Date
Towers Concrete Products Representative

Walter Tyler — 04/04/18
Sign Name — Print Name — Date
Tyler Contracting - Contractor

William L. Gallagher — 4/5/18
Sign Name — Print Name — Date
Homeowner Signature

TALBOT COUNTY HEALTH DEPARTMENT
OFFICE OF ENVIRONMENTAL HEALTH
215 BAY STREET – SUITE 4
EASTON, MARYLAND 21601
TEL: (410) 770-8680
FAX: (410) 770-8688

"TYLER"

Bay Restoration Fund SB554 Project Identification

Property Owner Name: WILLIAM GALLAGHER

Property Address: 27047 PRESQUILE RD

MBP: M-9 P-29

For BRF grant eligibility, a representative from the TCHD has verified the following criteria:

(1) Your property is located in the Critical Area: (YES)/NO

(2) Your current septic system is failing based on the following factors: (YES)/NO
- Sewage backing up into a house
- Sewage surfacing onto the ground surface
- Collapsed septic tank
- System identified and verified as contaminating a specific well

* future determination based on Septic Evaluation done by Pete Tyler on 3/12/2018.

(3) You are required to install a Best Available Technology (BAT) unit due to new construction requirements. YES/(NO)

Meagan Dejter
Signature of Registered Sanitarian

4/24/2018
Date

4/9/18

Revised Submittal w/ Corrected 911 address es.

TYLER CONTRACTING COMPANY

302 Dodson Avenue
P.O. Box 960
Saint Michaels, MD 21663
410-745-2323
410-745-2373 Fax

March 12, 2018

William Gallagher
8419 Ingleton Road
P.O. Box 752
Easton, MD 21601

Dear William Gallagher,

In response to your request for a septic system evaluation, we did an evaluation of the septic system on the property at ~~27047~~ 27045 Presquile Rd in Easton, MD; Main House

Date of Inspection: March 08, 2018.

Original Installation Date: About 1968.

Location of System:

The septic system is located next to the house as shown on the diagram. (Not to scale). The tank was recently pumped as part of the current inspection.

Septic Tanks:

There is one, 1000 gallon concrete aerobic septic tank. The tank was in good and acceptable condition. An inlet baffle was never installed into this tank system. The lids are in good condition. The liquid level was normal in the septic tank. The sludge and scum levels were normal. Liquid from the tank then runs towards a distribution box. The septic tank was in good and acceptable condition.

Piping:

The septic system consists of cast iron and plastic pipe. The piping from the house to the septic tank is cast iron. The piping to the distribution box and drain fields is plastic pipe. The piping appeared in good and acceptable condition.

Distribution Box:

There is one concrete distribution box. The distribution box is in fair condition. 300 gallons of liquid was introduced into the distribution box and it did not drain toward the drain fields. The distribution box should be replaced as it has deteriorated over time.

Drain Field Trenches:

There are three drain field trenches totaling 192 feet of trench.

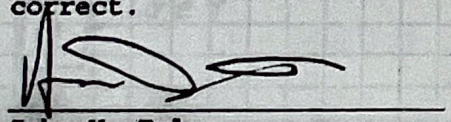
Two trenches are approximately 50 feet in length, and the center drain field trench is approximately 92 feet in length. The trenches did not accept liquid from the distribution box. Therefore, the absorption system is in unacceptable condition.

Summary: The 1000 gallon septic tank is in good and acceptable condition. The septic tank drains into a distribution box. The distribution box is in fair condition and should be replaced. Attached to the rear of the distribution box are three drain field trenches. The drain field trenches did not accept 300 gallons of liquid. The absorption system is in unacceptable condition.

Company Disclaimer

Based on what we were able to observe and our experience with on-site wastewater technology, we submit this Sewage Treatment System Inspection Report based on the present condition of the on-site sewage treatment system. Tyler Contracting Co. has not been retained to warrant, guarantee, or certify the proper functioning of the system for any period of time in the future. Because of the numerous factors (usage, soil characteristics, previous failures, etc.) which may effect the proper operation of a septic system, as well as the inability of our company to supervise or monitor the use or maintenance of the system, this report shall not be construed as a warranty by our company that the system will function properly for any particular buyer.

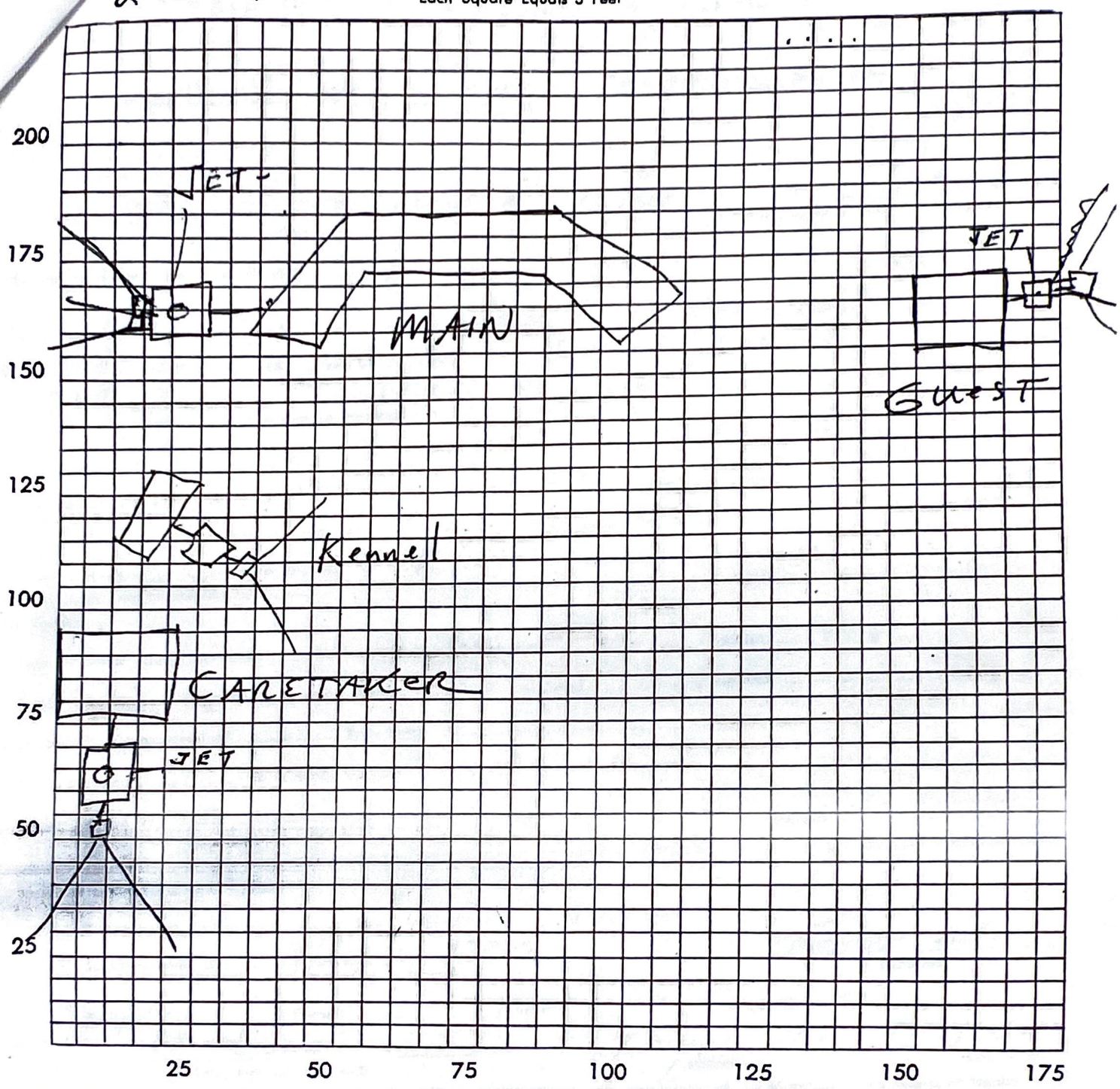
Tyler Contracting Co. disclaims any warranty, either expressed or implied, arising from the inspection of the septic system or this report. We are also not ascertaining the impact the system is having on the ground water. I have studied the information contained herein and that my assessment is honest, thorough, and to the best of my ability, correct.



John W. Tyler
Henry J. Tyler
Tyler Contracting Company
NAWT/MOWPA Certified Septic Inspector

27047

Each Square Equals 5 Feet



Make a sketch showing property lines (except in cases of farm installation) building location and showing exact location of waste line from house. Designate direction of slope and distance to house from property lines, and distance of all nearby sources of water to sewage disposal system.

Location and type of disposal system and well will be determined from results of percolation test.

Note: Notify the County Health Department at least forty eight (48) hours before you are ready to start installation, so inspection can be made while work is in progress.

Representatives of the County Health Department may make inspections during construction to determine compliance with the Regulations of the State Board of Health and the Local Board of Health. No part of any installation shall be covered until inspected and given final written approval by the County Health Department. Any part of an installation which has been covered prior to final approval shall be uncovered on order of the County Health Department.

Application approved: _____ Application disapproved: _____

Reason for disapproval: _____

DATE: _____ _____ Sanitarian

_____ Supervisor

Complete

TALBOT COUNTY HEALTH DEPARTMENT

Easton, Maryland — Telephone TAlbot 2-2292

Application for { SEWAGE SYSTEM / WELL } Construction Permit

9/7/70 AP

Permit No. 1870

Complete three copies and mail to Health Department Office

1. Owner: ~~Rob~~ August Belmont (name) c/o Fred Requardt, Oxford Md. (present mailing address)

2. Builder or General contractor (if any) _____ (name), _____ (address)

3. State exact location of property or Subdivision name and Lot Number Miles River Neck Area
Cor. Olds on Prequisle Rd. - Court Rd Farm
249.676 ac Todds Cor to Prequisle Rd. A-9-22-7
(Give detailed road directions so inspector can find site)

4. Size of lot Farm ft. x _____ ft. 5. Is it in the limits of a town Yes _____ No ✓ 4 coops plus kennel & greenhouse waste

6. Planned use of building: Residence ✓ Commercial ___ New ✓ Remodeling ___ Addition ___

If residence state number of bedrooms 4 Number of Persons 24 hr. period 2

Is use of garbage grinder planned Yes ___ X ___ No ___ Automatic washing machine Yes ✓ No ___

Water System

7. Type of water supply: Municipal ___ Drilled well ___ Driven well ___ Other ___ Proposed ___ Existing ___

8. Depth _____ Diameter ___ Casing Depth _____ Grouted ___ Grouting material _____

9. Distance from contamination _____ Type Pump _____ Location ___ ft. from well

10. Pump enclosure _____ Ft. to Water Surface _____ Suction line cased _____

11. To be installed by _____ (name), _____ (address)

12. Proposed sewerage disposal system:

Connection to public sewer ___ Septic tank system ✓ Approved privy ___

To be installed by Weems Bros (name), Trappe Md. (address)

13. I, Builder ___ Owner ___ Plumber ___ Contractor ✓ Edward Weems (signature of applicant), Trappe Md. (address), 822 0510 (phone no.)
hereby agree to install sewage disposal facilities in accordance with regulations of the Maryland State Board of Health.

14. Date of this application Oct 31. 1968

IMPORTANT: The applicant must arrange for necessary soil test. No construction shall be started before receiving County Health Department approval.

15. Soil test results: Percolation Test 2 minutes. Depth to porous soil 3 ft. Depth of porous soil 5 ft.

16. Septic tank capacity 2-600 gallons. Type of tank Conc Size of tank _____ Length x _____ Width x _____ Depth

17. Tile field (If used) Total length Two Systems 300 ft. Number of trenches 4
Length of each trench 75 ft. Width of each trench 1½ ft.

Changed To JETS

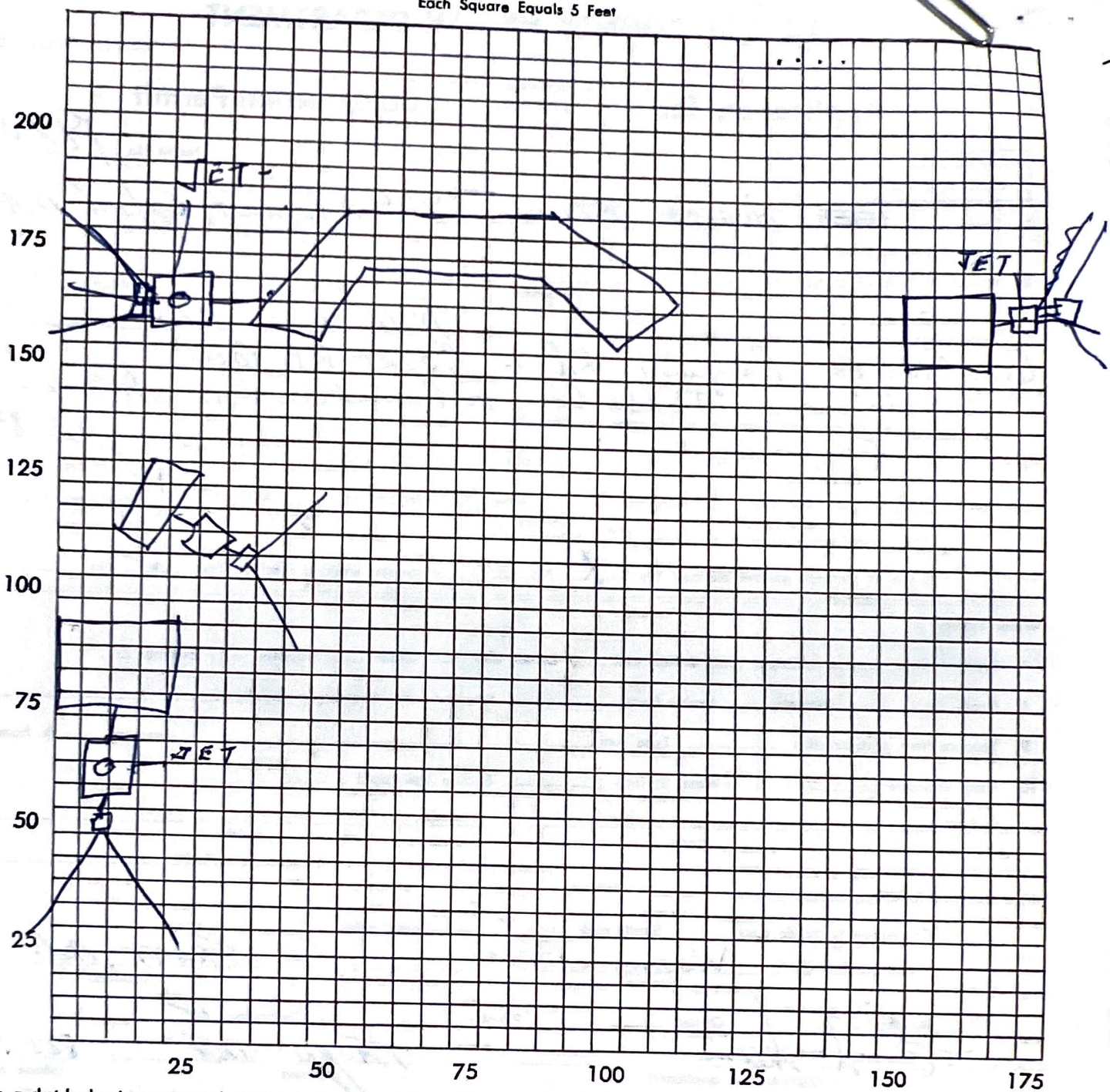
18. Seepage Pit (If used) Total depth _____ ft. Size _____ ft x _____ ft. Number _____
Effective depth _____ ft. Sq. ft. of seepage area _____ Fill required _____ Tons.
(Detailed sketch must be completed on other side)

Belmont, August

CONC. MON.

(CA)

Each Square Equals 5 Feet



Make a sketch showing property lines (except in cases of farm installation) building location and showing exact location of waste line from house. Designate direction of slope and distance to house from property lines, and distance of all nearby sources of water to sewage disposal system.

Location and type of disposal system and well will be determined from results of percolation test.

Note: Notify the County Health Department at least forty eight (48) hours before you are ready to start installation, so inspection can be made while work is in progress.

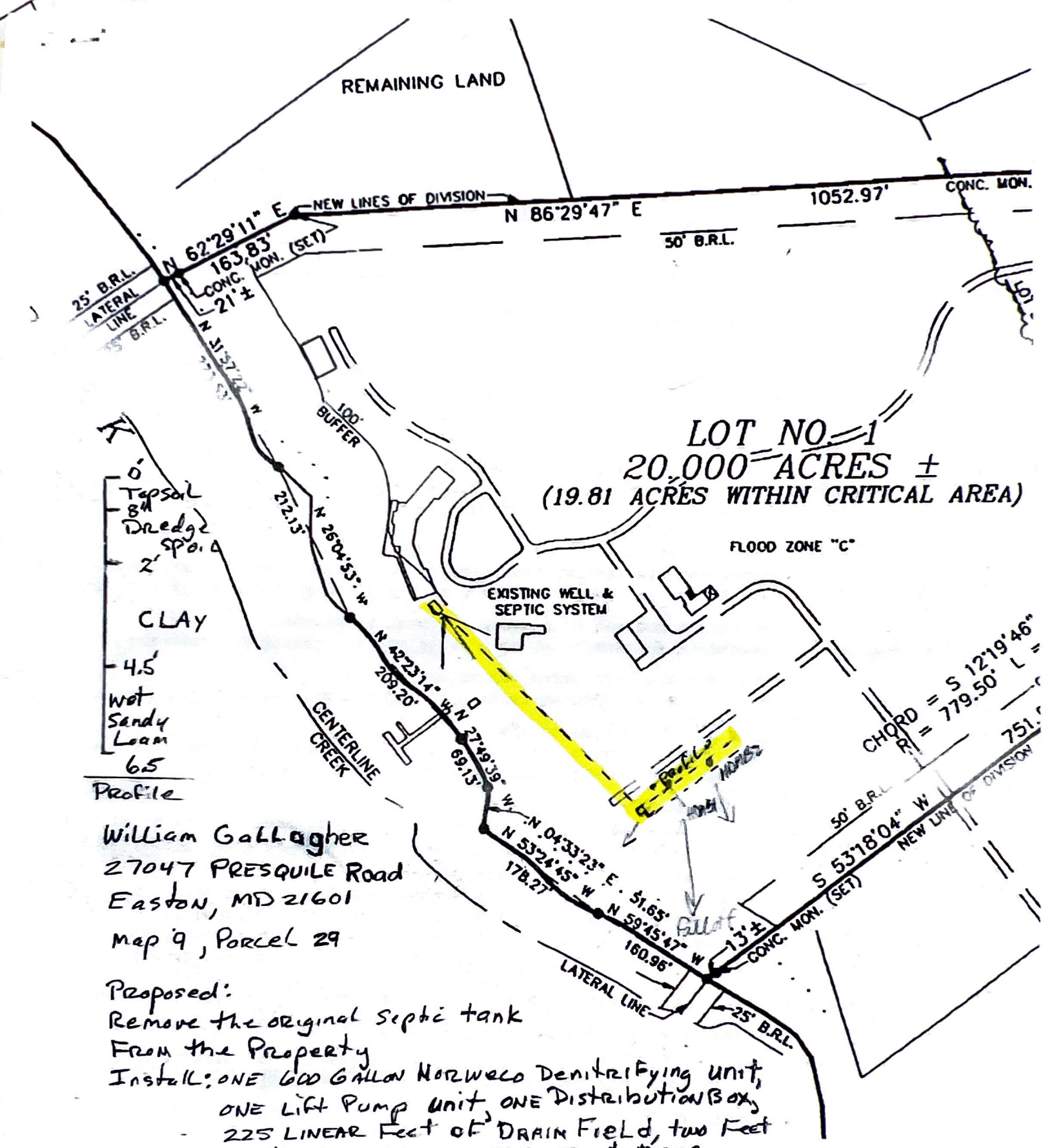
Representatives of the County Health Department may make inspections during construction to determine compliance with the Regulations of the State Board of Health and the Local Board of Health. No part of any installation shall be covered until inspected and given final written approval by the County Health Department. Any part of an installation which has been covered prior to final approval shall be uncovered on order of the County Health Department.

Application approved: ✓ Application disapproved: _____

Reason for disapproval: _____

DATE: Oct 31-1962 _____ Sanitarian

_____ Supervisor



William Gallagher
27047 Presquile Road
Easton, MD 21601

Map 9, Parcel 29

Proposed:
Remove the original septic tank
From the Property
Install: one 600 Gallon Norweco Denitrifying unit, one Lift Pump unit one Distribution Box, 225 Linear Feet of Drain Field, two Feet wide, Six and a half Feet Deep, Invert at the surface.

Tyler Contracting Co, NRTH, 04/04/18, For Permit Purposes only

PUBLIC WORKS AGREEMENT
PWA 18-22
TM 9, P 29

APR 27 2018

AGREEMENT FOR INSTALLATION OR UPGRADE OF ON-SITE SEWAGE DISPOSAL SYSTEM USING BEST AVAILABLE TECHNOLOGY THROUGH A GRANT OF BAY RESTORATION FUNDS FROM THE MARYLAND DEPARTMENT OF THE ENVIRONMENT

THIS AGREEMENT, made this 25th day of April, 2018, among William & Sue Gallagher ("Owners") concerning the Owner's real property located at 27047 Presquile Rd, Easton, the ("Subject Property"), Talbot County, Maryland, acting by and through its Department of Public Works ("County").

Recitals

WHEREAS, ongoing efforts to improve the water quality of the Chesapeake Bay and its tributaries include testing of new technology for on-site sewage disposal systems to determine their effectiveness in reducing nitrogen loading; and,

WHEREAS, the parties desire to enter into this Agreement to memorialize the terms and conditions upon which grant funding will be made available to Owner for the installation of a Best Available Treatment (BAT) on-site sewage disposal system and the rights, powers, privileges, duties, and liabilities of parties with respect to the installation, maintenance, testing, sampling, and operation of the BAT system.

NOW, THEREFORE, the parties hereto agree as follows:

1. Owner desires to install or have installed a BAT on-site sewage disposal system for the Subject Property and to participate in a pilot program designed to evaluate the effectiveness of that system in reducing nitrogen loading into the Chesapeake Bay and its tributaries.

2. Owner acknowledges the need for proper installation, testing, operation, and documentation of the performance of the BAT on-site sewage disposal system, and agrees to cooperate fully with the County and MDE to insure the results of this pilot program are accurate, complete, and scientifically valid to the greatest possible extent. To accomplish this result, Owner agrees that:

TYLER CONTRACTING COMPANY

302 Dodson Avenue
P.O. Box 960
Saint Michaels, MD 21663
410-745-2323
410-745-2373 Fax

APR - 9 2018

March 12, 2018

Revised 911 address.

William Gallagher
27047 Presquile Road
Easton, MD 21601

Dear William Gallagher,

In response to your request for a septic system evaluation, we did an evaluation of the septic system on the property at ~~27045~~ Presquile Rd in Easton, MD;

Care takers House 27047

Date of Inspection: March 08, 2018.

Original Installation Date: About 1968.

Location of System:

The septic system is located behind the house as shown on the diagram. (Not to scale). The tank was recently pumped as part of the current inspection.

Septic Tanks:

There is one, 1000 gallon concrete aerobic septic tank. The tank was in good and acceptable condition. An inlet baffle was never installed into this tank system. The lids are in good condition. The liquid level was normal in the septic tank. The sludge and scum levels were normal. Liquid from the tank then runs towards a distribution box. The septic tank was in good and acceptable condition.

Piping:

The septic system consists of cast iron and plastic pipe. The piping from the house to the septic tank is cast iron. The piping to the distribution box and drain fields is plastic pipe. The piping appeared in good and acceptable condition.

Distribution Box:

There is one concrete distribution box. The distribution box is in poor condition and should be replaced. 300 gallons of liquid was introduced into the distribution box and it drained toward the drain fields. The distribution box should be replaced as it has deteriorated over time.

Drain Field Trenches:

There are three drain field trenches totaling 225 feet of trench.

Each trench is approximately 75 feet in length. The trenches accepted liquid from the distribution box. Therefore, the absorption system is in good and acceptable condition.

Summary: The 1000 gallon septic tank is in good and acceptable condition. The septic tank drains into a distribution box. The distribution box is in poor condition and should be replaced. Attached to the rear of the distribution box are three drain field trenches. The drain field trenches did accept over 300 gallons of liquid. The absorption system is in acceptable condition.

Company Disclaimer

Based on what we were able to observe and our experience with on-site wastewater technology, we submit this Sewage Treatment System Inspection Report based on the present condition of the on-site sewage treatment system. Tyler Contracting Co. has not been retained to warrant, guarantee, or certify the proper functioning of the system for any period of time in the future. Because of the numerous factors (usage, soil characteristics, previous failures, etc.) which may effect the proper operation of a septic system, as well as the inability of our company to supervise or monitor the use or maintenance of the system, this report shall not be construed as a warranty by our company that the system will function properly for any particular buyer.

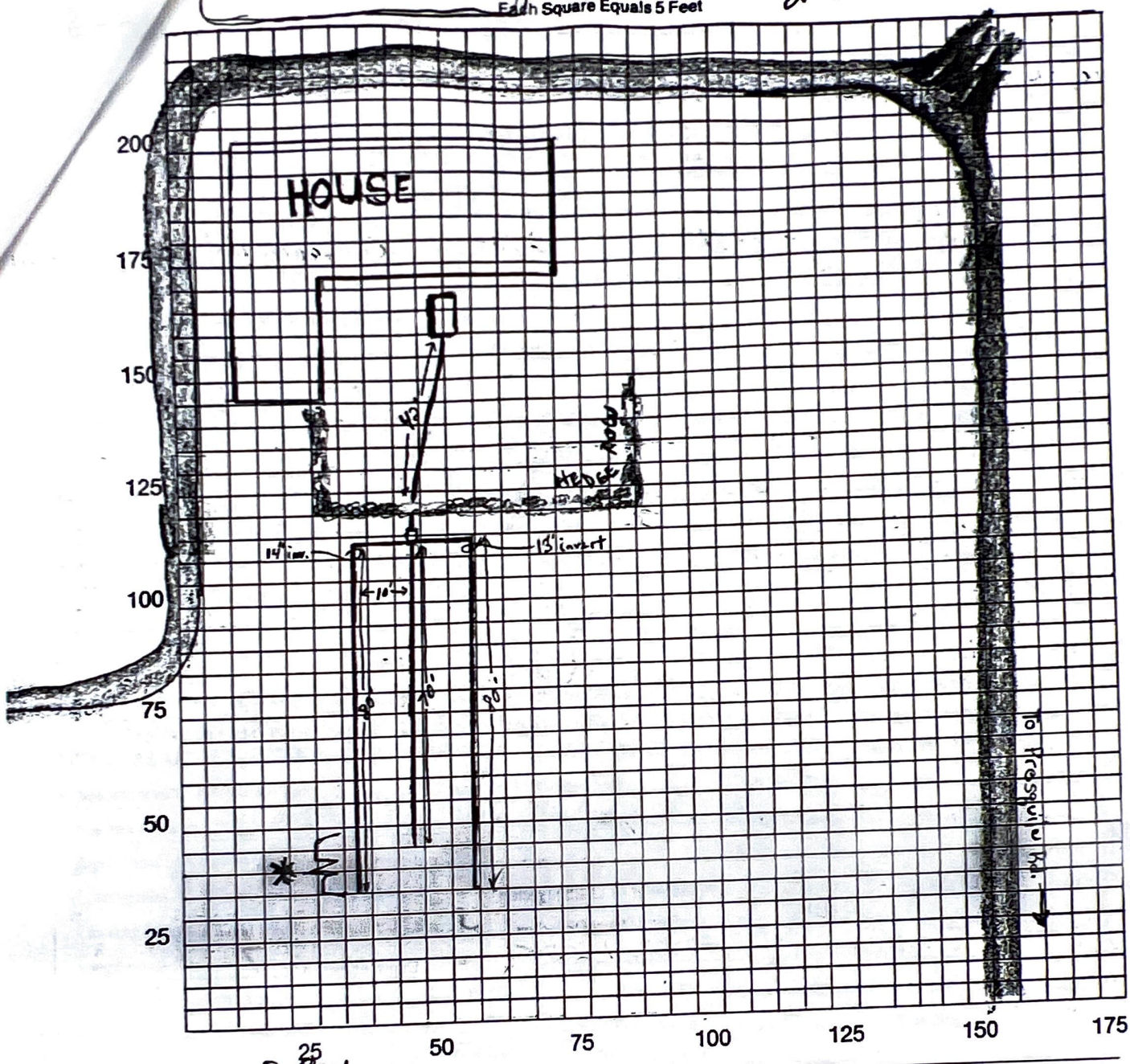
Tyler Contracting Co. disclaims any warranty, either expressed or implied, arising from the inspection of the septic system or this report. We are also not ascertaining the impact the system is having on the ground water. I have studied the information contained herein and that my assessment is honest, thorough, and to the best of my ability, correct.

John W. Tyler
Henry J. Tyler
Tyler Contracting Company
NAWT/MOWPA Certified Septic Inspector

GARAGE/SHED

27045

Each Square Equals 5 Feet



System Installed by B. Bishop

Note: Notify the County Health Department between the hours of 8-9 a.m. on the day of installation, so inspection can be made while work is in progress.

Representatives of the County Health Department may make inspections during construction to determine compliance with the Regulations of the State Board of Health and the Local Board of Health. No part of any installation shall be covered until inspected and given final written approval by the County Health Department. Any part of an installation which has been covered prior to final approval shall be uncovered on order of the County Health Department.

THERE WILL BE NO FINAL INSPECTIONS MADE ON WEEKENDS OR HOLIDAYS

Final Inspection: ~~Repair to system~~. Connected new system to old tank. Gravity fed to D-box. 3-Tiles of perforated 4" pvc. 2-80'L & 1-70'L. Trench Depth was 75', Width was 2'. Soil at bottom sidewalls of trench was light grey, sandy loam. Tile field was laid level and covered with stone 6" below pipe and 2" on top. This section (*) of pipe is containing more stone in trench than sand. (They were running low on sand.) Invert readings are stated in diagram.

Date 12/1/94 Time 10:00 Sanitarian Greg Maurice, RS

#27047 Tenant house w/ Repair

...M.D.
...Officer
10/24/94

TALBOT COUNTY HEALTH DEPARTMENT
P.O. BOX 480
EASTON, MARYLAND 21601
820-8213

Gary I. Rinehart
Director of Environmental Health

Permit No. _____

APPLICATION FOR SANITARY CONSTRUCTION PERMIT

This permit is for an interim individual system. The property owners must discontinue use of this individual system & connect to the community system when the community system becomes available

THIS APPLICATION MUST BE ACCOMPANIED BY A SITE PLAN OF THE PROPERTY.

1. OWNER Belmont (Last Name) August (First Name) 27045 (P.O. Address) Presquile Rd (Phone No.) Court Rd Farm
2. APPLICANT August Belmont GENERAL CONTRACTOR Richard Bishop
3. Give directions to property including subdivision name and lot number.
First Farm on left on Presquile rd.
4. Size of Lot Farm
5. Type of Construction: ☐ New Building ☑ Repair ☐ Conn. to sewer ☐ Remodeling ☐ Mobile Home
6. Planned use of building: ☑ Residence ☐ Commercial # of persons using 24 hr. 3
Sq. Ft. of Living area _____ # of Bedrooms 3 Type rancher
Garbage Disposal ☑ Yes ☐ No Ground Water Heat Pump ☐ Yes ☐ No Jacuzzi tub # of gals. _____
7. Type of sewage disposal system:
☑ Septic Tank System ☐ Connection to Public Sewer ☐ Other _____
8. Type of water supply: ☑ Deep ☐ Shallow Distance of water supply to disposal system 100 +

IMPORTANT: NO BUILDING CONSTRUCTION OR SANITARY CONSTRUCTION SHALL BE STARTED BEFORE RECEIVING APPROPRIATE PERMITS. ANY CHANGES IN SANITARY CONSTRUCTION MUST HAVE THE APPROVAL OF THE SECTION OF ENVIRONMENTAL HEALTH OF TALBOT COUNTY HEALTH DEPARTMENT.

9. Soil test results: Percolation Rate _____ minutes. Infiltration rate _____ ft. Soil Type 7
Soil test made by See proposal by Buddy Bishop
10. Septic Tank Specifications: Number of tanks Existing
☐ 800 gallon ☐ 1,000 gallon ☑ 1,000 gallon two compartment ☐ 1,500 gallon
11. Tile field (if used): Total length of tile 225 ft. Number of trenches 3
Length of each trench 75 ft. Width of each trench 225 ft. Depth of trench 7
12. Seepage pits (if used): Total depth _____ ft. Size _____ ft. Eff. depth _____ Number _____
13. Additional system specifications: Sand lined trench ✓; 6" stone below & 2" above ✓; 8" tubing _____;
10" tubing _____; Invert of drainfield Existing Tank; Pump needed _____;
Install when ground water table is absent ✓; Mound over trench ✓;
See site plan by Buddy Bishop for additional detail.
Note - keep invert as high as possible (12"). D. Rust
14. Recommendations: _____

15. I, August Belmont (Signature of Owner) hereby agree to have the sewage disposal facilities installed in accordance with regulations COMAR 26.04.02 of the Dept. of Health & Mental Hygiene under the supervision of the Talbot County Health Department. I also agree to notify the Talbot County Health Department before actual construction is begun. Should this sytem fail, I agree to make any changes deemed necessary.

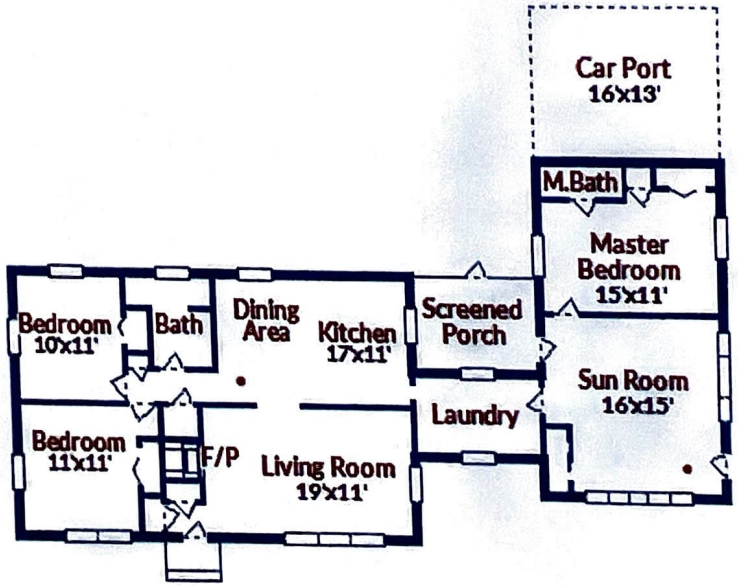
THIS APPLICATION SHALL EXPIRE ONE YEAR FROM DATE OF ISSUE PROVIDED CONSTRUCTION HAS NOT BEGUN, OTHERWISE, IT IS VALID FOR TWO YEARS.

16. Application approved 10/26/94 (Date) Dennis Rust, RS (Sanitarian)

Map 9 Block 22 Parcel 7 Lot # _____ Subdivision _____

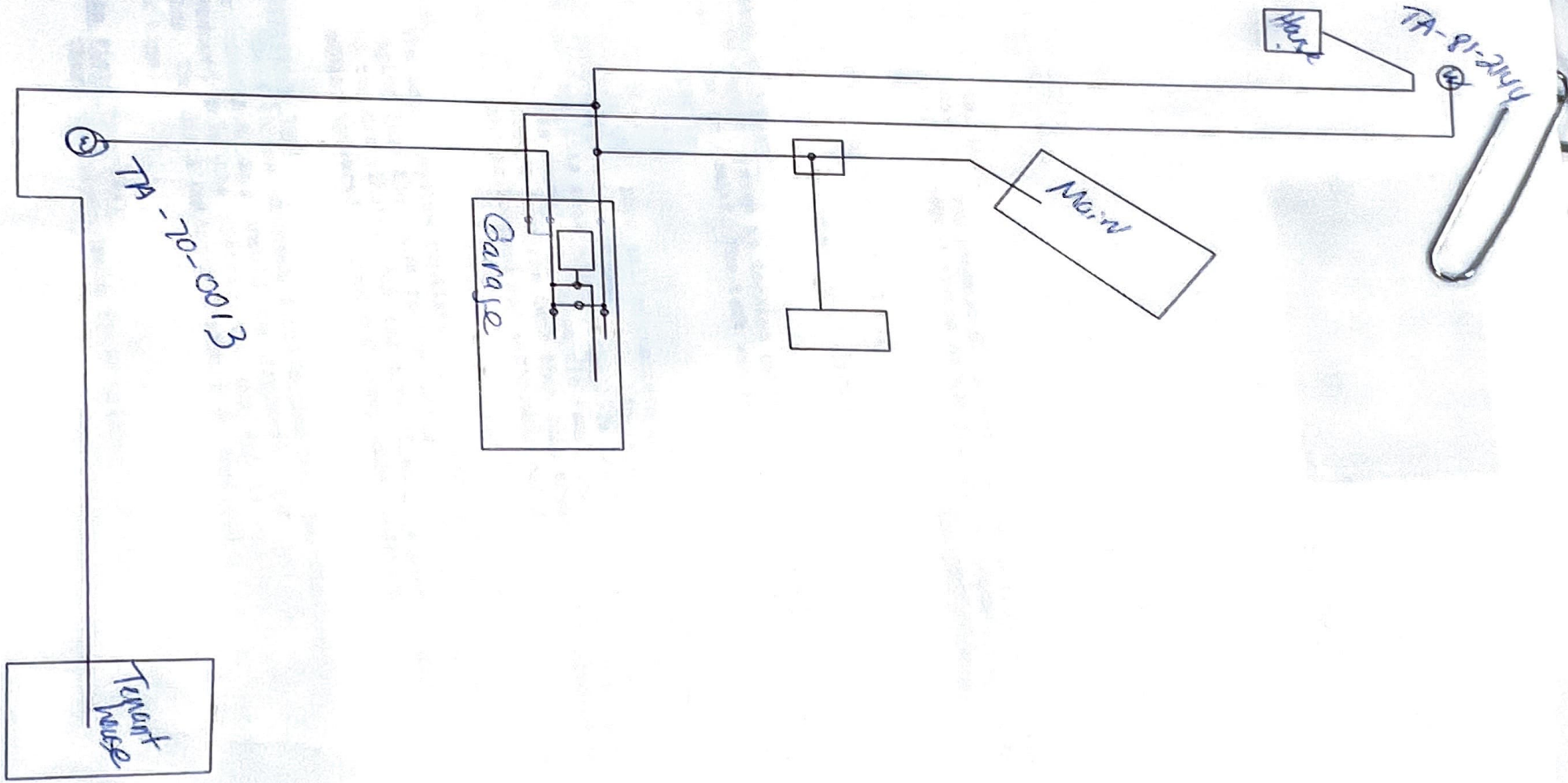
27047- Tenant house?

Tenant house w/carport



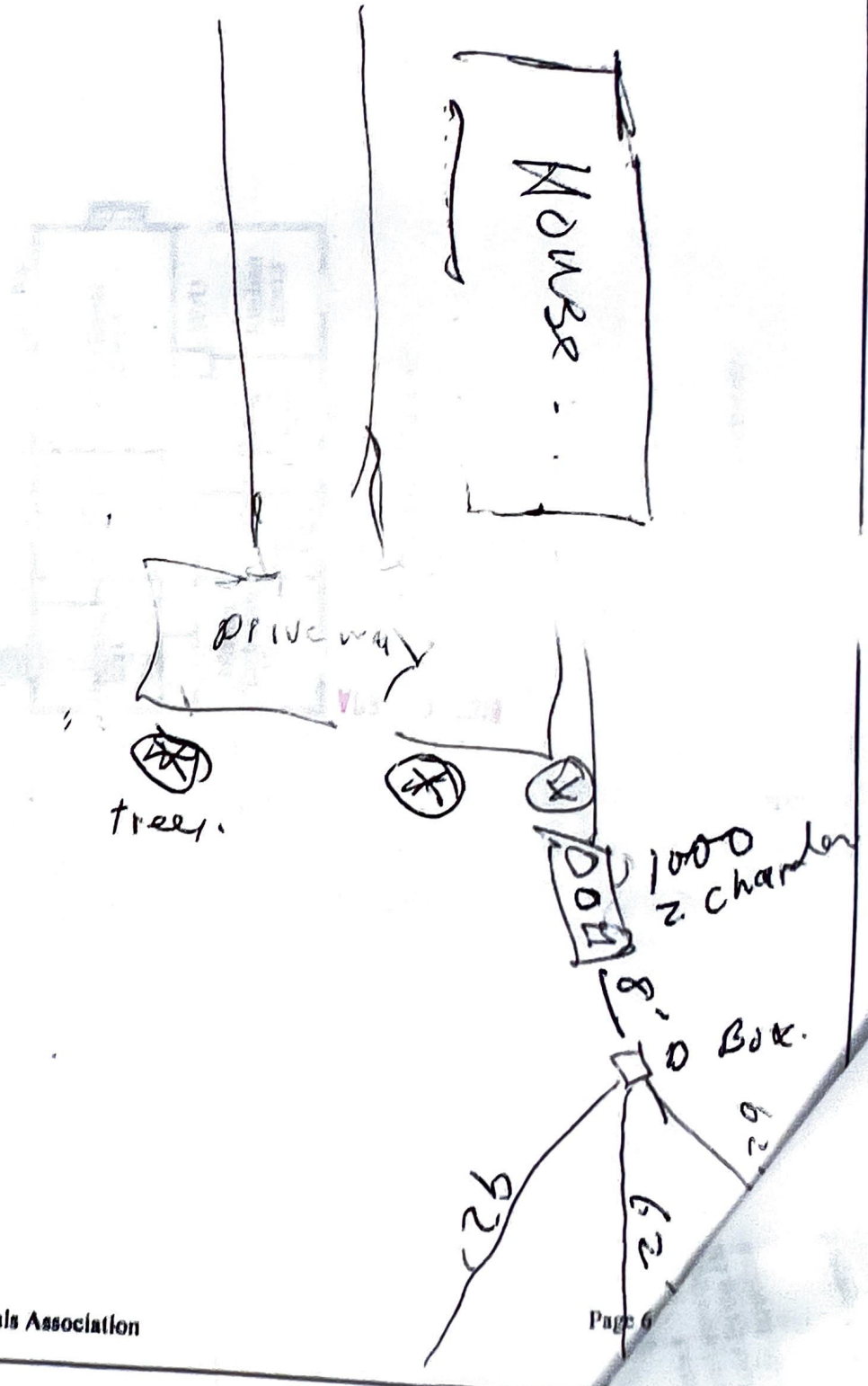
farm water well pipes.dxf

- Locations & Water lines
- Provided by Coard Benson / Bill Gallagher



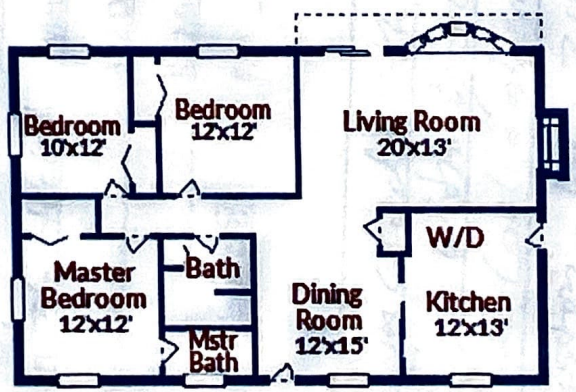
V. System Diagram

For reproducible results, show dimensions from structures that will not change, such as corners of the house. Show details such as the road in relation to the house to get the correct orientation. Show all located components and attached dated photographs as supporting documentation.



27049

27049 - Guesthouse



STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL

APPLICATION MUST BE SUBMITTED AND PERMIT RECEIVED BEFORE DRILLING IS STARTED. FILL IN THIS FORM COMPLETELY

OWNER Belmont — August
LOCATION Court Road Farm
ADDRESS Easton, Md. 21601

DRILLER INFORMATION

DRILLER Richardson Artesian Well Co., Inc.
P.O. Box 217
St. Michaels, Md. 21663
DATE OF APPLICATION July 8, 1969

WELL INFORMATION

MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 30
AVERAGE DAILY QUANTITY REQUIRED (GALLONS PER DAY) 2000

USE FOR WATER (CIRCLE APPROPRIATE ONE)

- D DOMESTIC; HOME (CIRCLE ONE DWELLING UNIT ONLY)
- F FARMING; AGRICULTURE; IRRIGATION
- I INDUSTRIAL; COMMERCIAL; STATE AND FEDERAL GOVERNMENT;
- M MUNICIPAL WATER SUPPLY
- P PRIVATE WATER SUPPLY
- } MUST HAVE STATE HEALTH DEPT. APPROVAL
- T TEST

APPROXIMATE DEPTH OF WELL 400 FEET

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)

DRIVEN (OR ADVANCED)	JETTED	DRIVEN	
AIR-ROTARY	AIR-PERCUSSION	ROTARY (HYDRAULIC ROTARY)	
CABLE	REVERSE ROTARY		

OTHER (DESCRIBE)

REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE ONE)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
- Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
- S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
- D THIS WELL WILL DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE)

NOT TO BE FILLED IN BY DRILLER (DNR USE ONLY)

APPROPRIATION PERMIT NUMBER
DATE
APPROVED REVIEW (CIRCLE DISTRICT NO. IN BOX)
PERMIT
CONDITIONS A E H A N G

LOCATION OF WELL

COUNTY Talbot (OR NEAREST CORPORATE LIMITS)
SUBDIVISION
SECTION LOT
NEAREST TOWN Easton
MILES FROM TOWN (ENTER 0 IF IN TOWN) 2

DIRECTION FROM TOWN (CIRCLE APPROPRIATE ONE)

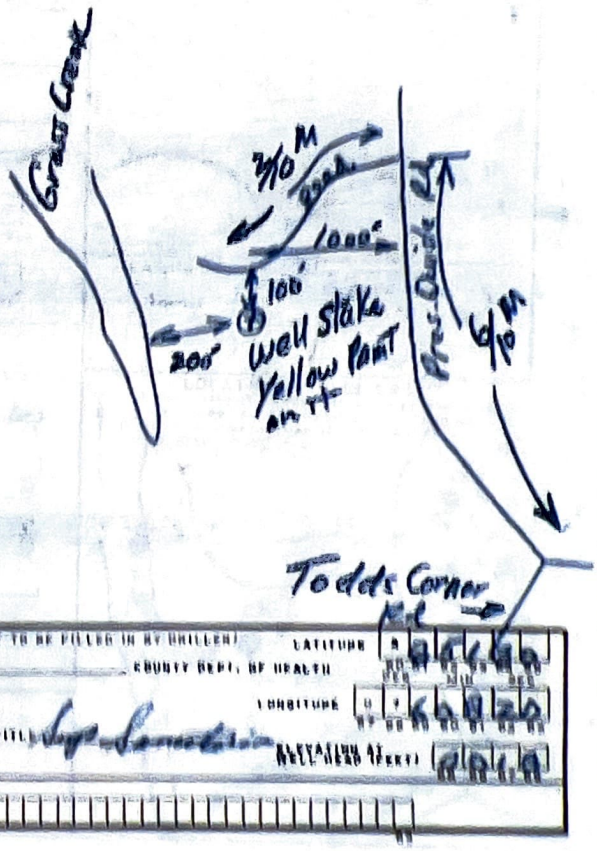
N NORTH E EAST NE NORTHEAST SE SOUTHEAST
S SOUTH W WEST NW NORTHWEST SW SOUTHWEST

NEAR WHAT Pres. Route 50

OR ALONG WHAT ROAD (CIRCLE APPROPRIATE ONE) N S E W

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE ONE) 1000 F T

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY ROADS, ROAD AND STREAM WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEARBY ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH. DISTANCE MAY BE APPROXIMATE, BUT MUST BE INDICATED.



HEALTH DEPARTMENT APPROVAL (NOT TO BE FILLED IN BY DRILLER)

CONTRACTOR (REG. NO.)
STATE DEPARTMENT OF HEALTH (CIRCLE ONE IF STATE HEALTH)
COUNTY DEPT. OF HEALTH
DATE
APPROVED
TITLE
LATITUDE
LONGITUDE
ELEVATION OF WELL-HEAD (FEET)

SPECIAL CONDITIONS AND (DNR USE ONLY)

HEALTH

STATE OF MARYLAND
DEPARTMENT OF WATER RESOURCES
STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401

WELL COMPLETION REPORT

0041 (SEQ. NO.) — SEQUENCE NO. (DWR USE ONLY)

NUMBER IS TO BE PUNCHED (COLS. 3-6 ON ALL CARDS)

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER COMPLETION OF THE WELL

FILL IN THIS FORM COMPLETELY

DATE RECEIVED (DWR USE ONLY)

DATE WELL COMPLETED: Nov 18, 69

DEPTH OF WELL: 442 (TO NEAREST FOOT)

PERMIT NO. FROM PERMIT TO DRILL WELL: TA-70-0013

DRILLERS IDENTIFICATION NO.: 024

OWNER: Belmont August (LAST NAME / FIRST NAME)

STREET OR RFD: Court Rd Farm — POST OFFICE: Easton, Md.

WELL DESCRIPTION

WELL LOG — STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET FROM	FEET TO	CHECK IF WATER BEARING
Brn Clay	0	7	
white clay, sand & small gravel	7	14	
Grn clay	14	39	
Grn clay, shell, & wood	39	94	
sandy grn clay	94	163	
gray & white sand & shell	163	173	
rock	173	173'6	
crust	173'6	174	
rock	174	174'6	
brn & blk sand	174'6	245	
grn sandy clay	245	412	
brn & blk sand w/some shell	412	442	x

GROUTING RECORD
WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX): YES (Y) 46 — NO (N) 46

DEPTH OF GROUT SEAL (TO NEAREST FOOT)
FROM 0 (48–52) FT. TO 432 (54–58) FT.
(ENTER 0 IF FROM SURFACE)

CASING RECORD
CASING TYPES — INSERT APPROPRIATE CODE BELOW: ST STEEL; CO CONCRETE; PL PLASTIC; OT OTHER

MAIN CASING TYPE	NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH)	TOTAL DEPTH OF MAIN CASING (NEAREST FOOT)
ST (60–61)	4 (63–64)	161 (66–70)

OTHER CASING (IF USED)

EACH CASING	DIAMETER (INCH)	DEPTH (FEET) FROM	TO
ST	2	161	432

SCREEN RECORD
SCREEN TYPE OR OPEN HOLE — INSERT APPROPRIATE CODE BELOW: ST STEEL; BR BRASS OR BRONZE; HO OPEN HOLE; PL PLASTIC; OT OTHER

C 2 (1–3) (SEQ. NO.) 6

DEPTH (NEAREST WHOLE FOOT)

EACH SCREEN		FROM	TO
1	DT (8–9)	432 (11–15)	442 (17–21)
2	(23–24)	(26–30)	(32–36)
3	(38–39)	(41–45)	(47–51)
4	(53–54)	(56–60)	(62–66)

SLOT SIZE 1. 20 2. 3. 4.

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX 68 F

DWR USE ONLY (NOT TO BE FILLED IN BY DRILLER)
70 T TELESCOPE CASING (E.R.O.) — 72 LOG INDICATOR
74 75 76 W Q OTHER DATA AVAILABLE

CIRCLE APPROPRIATE BOXES
- A — A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
- E — ELECTRIC LOG OBTAINED
- C — COPY OF ELECTRIC LOG ATTACHED

I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME (PLEASE PRINT): Norman M. Shanahan III

SIGNATURE: Norman M. Shanahan III

C 3 (1–3) (SEQ. NO.) 6

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR): 6 (8–9)

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON): 25 (11–15)

METHOD USED TO MEASURE PUMPING RATE: BUCKET

WATER LEVEL: (DISTANCE FROM LAND SURFACE)
BEFORE PUMPING: 24 (17–20) (NEAREST FOOT)
WHEN PUMPING: 50 (22–25) (NEAREST FOOT)

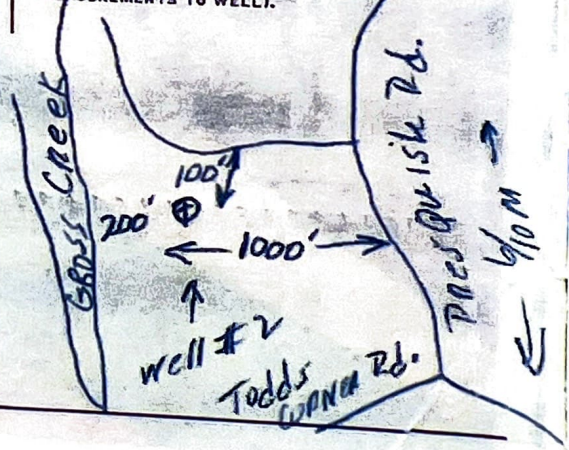
TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX)
A AIR (27) — P PISTON (27) — T TURBINE (27)
C CENTRIFUGAL (27) — R ROTARY (27) — O OTHER (DESCRIBE BELOW) (27)
J JET (27) — S SUBMERSIBLE (27)

PUMP INSTALLED
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX — SEE ABOVE: A, C, J, P, R, S, T, O) (29)

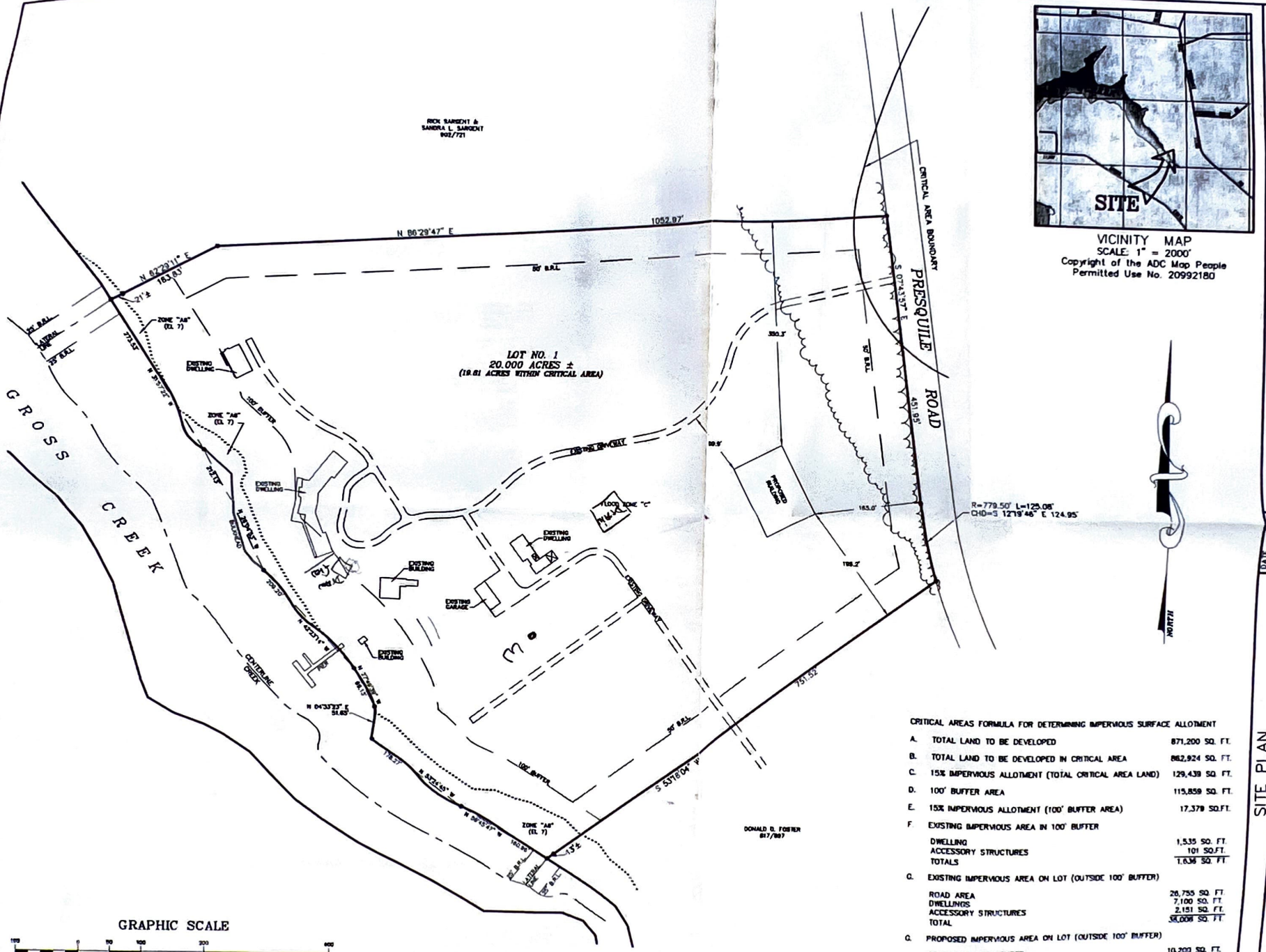
CAPACITY:
GALLONS PER MINUTE (TO NEAREST GALLON): (31–35)
PUMP HORSE POWER: (37–41)
PUMP COLUMN LENGTH (NEAREST FOOT): (43–47)

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)
+ ABOVE / − BELOW LAND SURFACE: 1 (50–51) (NEAREST FOOT) (49)

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).



HEALTH



NOTE:

THE FLOOD ZONES AS SHOWN HEREON WERE TAKEN FROM F.E.M.A. COMMUNITY-PANEL NUMBER 240066 0110 A.

CRITICAL AREAS FORMULA FOR DETERMINING IMPERVIOUS SURFACE ALLOTMENT

A.	TOTAL LAND TO BE DEVELOPED	871,200 SQ. FT.
B.	TOTAL LAND TO BE DEVELOPED IN CRITICAL AREA	862,924 SQ. FT.
C.	15% IMPERVIOUS ALLOTMENT (TOTAL CRITICAL AREA LAND)	129,439 SQ. FT.
D.	100' BUFFER AREA	115,859 SQ. FT.
E.	15% IMPERVIOUS ALLOTMENT (100' BUFFER AREA)	17,379 SQ.FT.
F.	EXISTING IMPERVIOUS AREA IN 100' BUFFER	
	DWELLING	1,535 SQ. FT.
	ACCESSORY STRUCTURES	101 SQ.FT.
	TOTALS	1,636 SQ. FT.
G.	EXISTING IMPERVIOUS AREA ON LOT (OUTSIDE 100' BUFFER)	
	ROAD AREA	26,755 SQ. FT.
	DWELLINGS	7,100 SQ. FT.
	ACCESSORY STRUCTURES	2,151 SQ. FT.
	TOTAL	36,006 SQ. FT.
G.	PROPOSED IMPERVIOUS AREA ON LOT (OUTSIDE 100' BUFFER)	
	ACCESSORY STRUCTURES	10,200 SQ. FT.
	TOTAL	10,200 SQ. FT.
	TOTAL IMPERVIOUS AREA	47,842 SQ. FT.
	EXISTING AREA USED IN 100' BUFFER	1.41%
	EXISTING AREA USED IN LOT	5.54%

Lane Engineering, Inc.
Civil Engineers - Land Planning - Land Surveyors
E-mail: mail @ lane.com
408 N. Washington St. Easton, MD 21601 (410) 822-8003 FAX (410) 822-2024
15 Washington St. Cambridge, MD 21613 (410) 221-0818 FAX (410) 476-8942
1140 West Water St. Centreville, MD 21617 (410) 758-2095 FAX (410) 758-4422

SEAL

DATE

DATE	SCALE	JOB NO.	DRAWN BY	DWG. NAME	APPROVED
12-12-02	1" = 100'	020853	C.L.W.	020853SP	T.D.L.

SITE PLAN
ON THE LANDS OF
WILLIAM L. & SUE H. GALLAGHER
IN THE FIRST ELECTION DISTRICT
TALBOT COUNTY, MARYLAND
TAX MAP 9 GRID 22 PARCEL 29

SHEET No. 1 OF 1

FILE No. 9779