

LAYOUT \_\_\_\_\_ INSP 4 \_\_\_\_\_  
INSP 2 4/29/11 INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 4-22-11

# PERMIT

P 534525

APPROVAL DATE: 4/22/11

A 534525

Tax ID # 02-190990

## ON-SITE SEWAGE DISPOSAL SYSTEM TANK REPLACEMENT HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

Fogles Septic Clean Inc. IS PERMITTED TO INSTALL  ALTER

ADDRESS: 580 Obrecht Road PHONE NUMBER: 410-795-5670

SUBDIVISION: Valley Mede LOT NUMBER: 4

ADDRESS: 9538 Long View Drive PROPERTY OWNER: Bob Snyder

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): \_\_\_\_\_ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: \_\_\_\_\_ APPLICATION RATE: \_\_\_\_\_

SQUARE FOOTAGE OF HOUSE: \_\_\_\_\_

LINEAR FEET OF TRENCH REQUIRED: \_\_\_\_\_

NOTES:	<b>Do not order the septic tank until after layout inspection and Sanitarian approval. Layout inspection required prior to tank installation. Original septic tank must be properly abandoned before new tank installation. A written variance request is required for tanks deeper than 3 feet. A traffic bearing lid is required for tanks deeper than 4 feet.</b>
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PLANS APPROVED: Michael Johnson DATE: 4/22/11

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

**NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

NOT TO SCALE

TRENCH/DRAINFIELD DATA

WIDTH \_\_\_\_\_ INLET \_\_\_\_\_ BOTTOM \_\_\_\_\_

NUMBER OF TRENCHES \_\_\_\_\_

TOTAL LENGTH \_\_\_\_\_

ABSORPTION AREA \_\_\_\_\_

DISTRIBUTION BOX LEVEL \_\_\_\_\_

DISTRIBUTION BOX BAFFLE \_\_\_\_\_

DISTRIBUTION BOX PORT \_\_\_\_\_

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL \_\_\_\_\_

MANUFACTURER Babylon

CAPACITY 2000 GAL

SEAM LOC Top seam

TANK LID DEPTH 2.6' to 3.0'

BAFFLES Yes

BAFFLE FILTER N/A

MANHOLE LOC Front & back

6" PORT LOC N/A

WATERTIGHT TEST N/A

SLOTTED Yes

DATE ON LID 3/1/11

~~PUMP/SEPTIC TANK LEVEL \_\_\_\_\_~~

~~MANUFACTURER \_\_\_\_\_~~

~~CAPACITY \_\_\_\_\_ GAL~~

~~SEAM LOC \_\_\_\_\_~~

~~TANK LID DEPTH \_\_\_\_\_~~

~~BAFFLES \_\_\_\_\_~~

~~BAFFLE FILTER \_\_\_\_\_~~

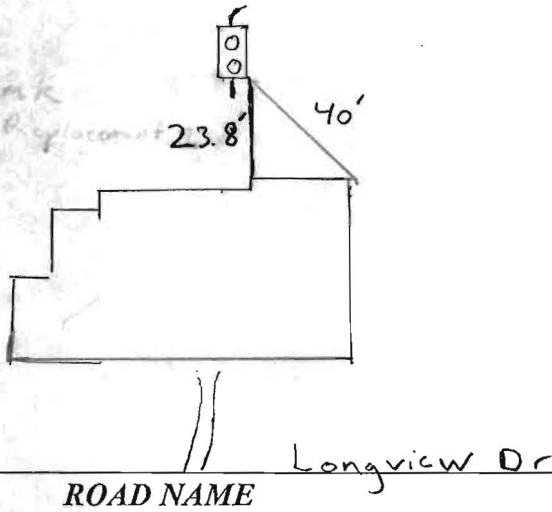
~~MANHOLE LOC \_\_\_\_\_~~

~~6" PORT LOC \_\_\_\_\_~~

~~WATERTIGHT TEST \_\_\_\_\_~~

~~SLOTTED \_\_\_\_\_~~

~~DATE ON LID \_\_\_\_\_~~



PRE-CONSTRUCTION:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

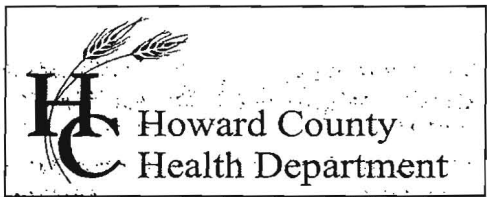
INSTALLATION: 4/29/11 - Replacement Septic Tank meet all criteria and requirements. Also, the septic tank was successfully installed. Please note that the inspection only certifies installation of the septic tank and not the functionality of entire septic system. MS

FINAL INSPECTOR

MS

DATE OF APPROVAL

4/29/11



Bureau of Environmental Health  
7178 Columbia Gateway Drive, Columbia MD 21046  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
Website: [www.hchealth.org](http://www.hchealth.org)

Peter L. Beilenson, M.D., M.P.H., Health Officer

May 10, 2011

Mr. Robert C. Snyder  
9538 Longview Drive  
Ellicott City, MD 21042

RE: Request to replace metal septic tank  
9538 Longview Drive  
Ellicott City, MD 21042

Dear Sir:

The Health Department received your request dated April 11, 2011 for the above referenced property to allow the proposed existing metal septic tank to be replaced with a concrete tank instead of connecting to public sewer. Due to the cost of the connection, the Health Department will not require a connection at this point in time. Please be advised that a failure of the existing system, any future building permits for living space, non-living space, or accessory structures shall trigger the Health Department to require a connection. Additionally, please be advised that allowance of a tank replacement on an on-site sewage disposal system that Health Department records are unavailable, is not a certification of the system's functionality.

Any questions regarding this decision may be directed to the Well and Septic Program of the Howard County Health Department.

Respectfully,

Michael J. Davis, RS, REHS  
Assistant Director  
Bureau of Environmental Health

9538 Longview Drive  
Ellicott City, Maryland 21042  
April 11, 2011

**HAND DELIVERED**

Mr. Michael J. Davis, Assistant Director  
Bureau of Environmental Health  
Howard County Health Department  
7178 Columbia Gateway Drive  
Columbia, Maryland 21046

4/22/11  
M. J. Davis  
Approval

RE: 9538 Longview Drive  
Ellicott City, Maryland 21042

Dear Mr. Davis:

Thank you for recent discussions with Michael Johnson and Robert Bricker of your team regarding the permit application on the subject property. This letter is a follow up to these discussions and requests your approval of the submitted permit based upon financial hardship.

The following information is tendered in support of this requested permit approval:

- The existing septic system at the subject property is fully functional and operational
- Fogle's Septic Clean, Inc. was requested to pump the existing septic tank and identified it as a steel enclosure
- The replacement of the existing steel tank was suggested with a concrete version (see the enclosed 2/21/2011 proposal)
- Fogle's Septic Clean, Inc. submitted a permit for approval by your team to install the concrete replacement tank
- Mr. Johnson, of your team, performed an on-site visit regarding the requested permit and indicated County concerns with its approval
- The Howard County Bureau of Utilities provided the records for the location of the existing underground public facilities available to the subject property (see the enclosed future sewer and 6-11-66 installation of water connection)
- A site survey was conducted of the subject property to location the existing underground public facilities (See the enclosed plat with markings for electric, telephone, gas, public water public sewer, private septic)
- Photographs of the subject property were also taken during the site survey
  - Looking north from Longview Drive at the existing public sewer tap location (i.e. the small cobble stone is placed at the end of the public sewer tap)
  - Looking northeast from Longview Drive at the existing public sewer tap location
  - Looking south at the existing concrete driveway at the existing public sewer tap location
  - Looking south at existing flowering pear and pine trees at the existing public sewer tap location
  - Looking west and south at the subject property rear (i.e. large stone is placed the existing steel tank location)
  - Looking east and southeast from Hearthstone Drive across the subject property rear
  - Looking north along Hearthstone Drive from Longview Drive

- Looking north along Hearthstone Drive, continued, to the terminal manhole in front of 3234 Hearthstone Drive
- Looking south from Longview Drive at the existing manhole, across the street from the subject property

The following alternatives were developed pursuant to the above stated information:

- Public Sewer Scenario 1A
  - The enclosed plat indicates a proposed sewer lateral run of 265 feet, including two 90° bends
  - The enclosed cross-section of this scenario indicates the invert for the existing manhole is 4 feet above the proposed sewer lateral
- Public Sewer Scenario 1B
  - Utilizing the same proposed sewer lateral run as 1A, with the installation of a grinder/ejector pump system
- Public Sewer Scenario 2A
  - The enclosed plat indicates a proposed sewer lateral run of 220 feet, including two 90° bends the crossing of the existing concrete driveway and proximity to the existing pear and pine trees
- Public Sewer Scenario 2B
  - Utilizing the same proposed sewer lateral run as 2A, with the installation of a grinder/ejector pump system
- Public Sewer Scenario 3
  - The enclosed plat indicates a 130 foot extension of the Howard County public sewer, and a proposed sewer lateral run of 140 feet, including one 90° bend
- Private Septic Scenario 1
  - Keep the septic system as-is with existing steel tank
- Private Septic Scenario 2
- Install a replacement tank for the existing steel tank and connect to the existing house lateral and septic field

A discussion of these alternatives is:

- Public Sewer Scenarios 1A and 2A both result with a proposed sewer lateral lower than existing County facilities (**i.e. no build**)
- Public Sewer Scenario 1B produces property owner costs a multiple of the Private Septic Scenario 2 due to the need for a sewage grinder ejector installation (**i.e. financial hardship**)
- Public Sewer Scenario 2B produces property owner costs a multiple of the Private Septic Scenario 2 due to the need for a sewage grinder ejector installation, and also concrete driveway removal/replacement (**i.e. financial hardship**), and damage to existing 11 inch caliper pear trees and 32 inch caliper pine tree roots (**property damage/devaluation**)
- Public Sewer Scenario 3 produces property owner costs a multiple of the Private Septic Scenario 2 due to the need for extension of the public sewer system (**financial hardship**)
- Private Septic Scenario 1 is the status quo (**i.e. no abatement of the existing steel tank**)
- Private Septic Scenario 2 is the least cost alternative to the property owner while affording the implementation of a County specified concrete tank (**preferred alternative**)

Mr. Michael J. Davis  
Page Three

Lastly, price estimates for each of the public sewer scenarios stated above were requested from county acceptable contractors. Each of these companies did not submit a price estimate, as the scope of work had not yet been defined by the County. A cost review of just the grinder/ejector, as stated for Public Sewer Scenarios 1B and 2B, found the device itself priced at \$8686.00 (see enclosure). This device's cost, by itself without any associated installation costs, is 250% of the Private Septic Scenario 2.

In summary, your approval of the submitted permit is requested. The approval is based upon financial hardship, being the least cost alternative to the property owner while affording the implementation of a County specified concrete septic tank (i.e. the preferred alternative).

If further information is required, please contact me during regular business hours at my cellular telephone (410) 365-1173, in the evenings at (410) 750-7005, by email at [our.homestead@verizon.net](mailto:our.homestead@verizon.net).

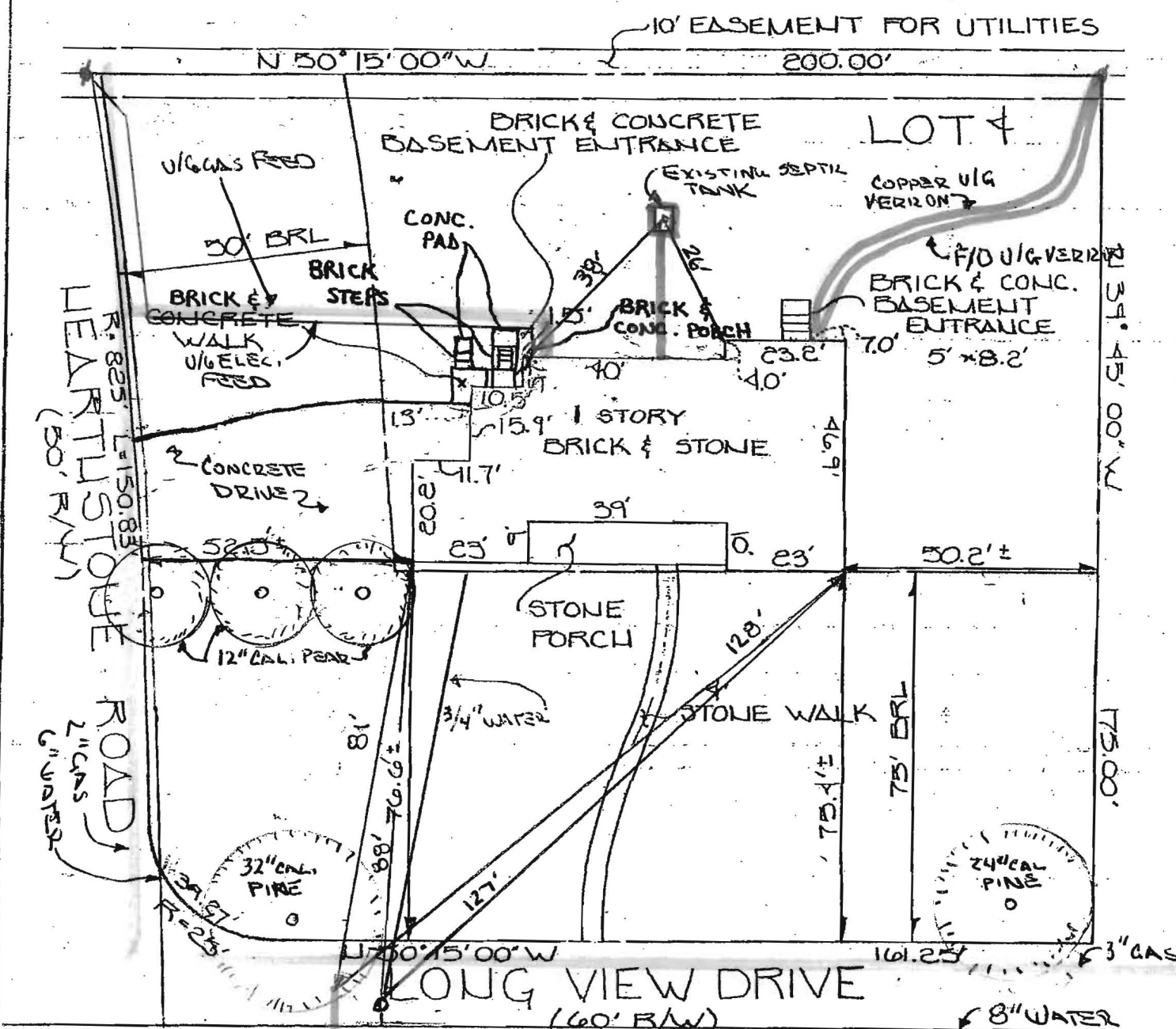
Sincerely,

A handwritten signature in black ink, appearing to read "Robert C. Snyder", with a long horizontal flourish extending to the right.

Robert C. Snyder

Enclosures


- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF PLUS OR MINUS 1' (±)
- 4) NO TITLE REPORT FURNISHED. SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY AND CONDITIONS OF RECORD.



NOTES: 6" SEWER TAP →  
 B.R.L. DENOTES BUILDING RESTRICTION LINE  
 THIS PROPERTY IS NOT LOCATED WITHIN A 100-YEAR FLOODPLAIN.  
 8" SEWER ←

SCALE: 1" = 30'

This is to certify that I have surveyed the property known as: LOT 4 ON A PLAT ENTITLED  
"SECTION THREE" AS RECORDED AMONG THE LAND RECORDS OF HOWARD  
COUNTY, MARYLAND IN LIBER R.H.M. 4 FOLIO 22  
 for the purpose of locating the improvements thereon, and the improvements are located as shown.

Signed this 13<sup>th</sup> day of MAY 1987  
  
 THIS PLAT NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES.

FISHER, COLLINS AND CARTER, INC.  
 CIVIL ENGINEERS AND LAND SURVEYORS  
 ELLICOTT CITY, MARYLAND 21043  
 (301) 461-2855



# Proposal

Page No. \_\_\_\_\_ of \_\_\_\_\_ Pages

Alice

## FOGLE'S SEPTIC CLEAN, INC. FOGLE'S PORTABLE TOILETS, INC. FOGLE'S WELL DRILLING, L.L.C.

580 OBRECHT ROAD • SYKESVILLE, MD 21784 • (410) 795-5670

Proposal Submitted to: Bob Snyder	Phone: 410-365-1173	Date: 3/21/2011
Street:	Job Name:	
City, State and Zip Code:	Job Location: 9538 Longview Dr. Ellicott City	
Architect:	Additional Notes: our.homestead@verizon.net	

Proposal info: Excavate and repair septic system per Howard Co code and specs to include:

- Permit
- Pump, crush and fill existing tank
- 40 ft of 4" sch 40 pvc pipe
- 1500 gal 2 compartment concrete septic tank
- Manhole risers & lids
- Backfill to a rough grade as soil and weather conditions will allow
- A deposit of \$2500.00 is required before starting work

**Total \$3,495.00**

**Exclusions: rock removal, cleaning, final grading, seeding, extra dirt due to selling at a later date, any damage to driveway or shrubbery due to use of heavy equipment and trucks.  
We are not responsible for the working conditions of the septic due to the design by the Health Department.**

**We Propose** hereby to furnish material and labor — complete in accordance with above specifications. for the sum of:

\_\_\_\_\_ dollars (\$ \_\_\_\_\_).

Payment to be made as follows.

**Due within 30 days from date of invoice. A finance charge of 1½% per month (18% A.P.R.) due on all balances over 30 days. (If account is overdue & goes to collection, you will be responsible for collection fees, court costs and attorney fees 25%.)**

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

Authorized Signature \_\_\_\_\_

Note: This proposal may be withdrawn by us if not accepted within \_\_\_\_\_ days.

**Acceptance of Proposal** — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature \_\_\_\_\_

Date of Acceptance: \_\_\_\_\_

Signature \_\_\_\_\_

DEPARTMENT OF PUBLIC WORKS OF HOWARD COUNTY

BUREAU OF WATER AND SEWER

Date \_\_\_\_\_, 19\_\_

Meter Setting	Inside	
	Outside	

*FUTURE SEWER*  
RECORD OF

INSTALLATION OF WATER CONNECTION Installed by \_\_\_\_\_

Applicant <i>Owner</i>	Plumber	Application Filed For	Plumbing Permit No.
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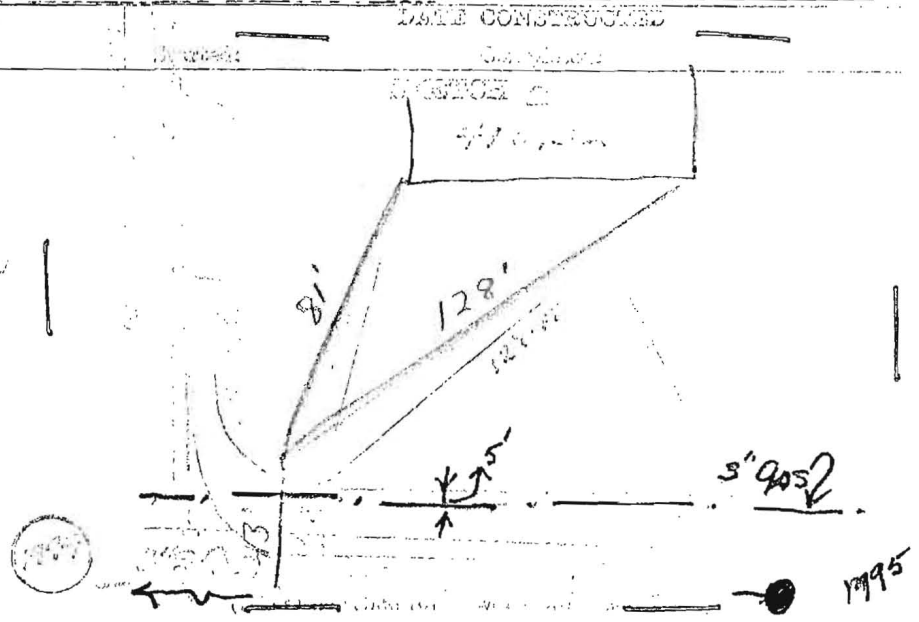
DATE  
 Single \_\_\_\_\_ On \_\_\_\_\_ Double with L \_\_\_\_\_

DATE CONSTRUCTED \_\_\_\_\_

Date of Tap Installation \_\_\_\_\_  
 Diameter and Kind of Pipe \_\_\_\_\_  
 Length of Connection \_\_\_\_\_  
 Size of Corp. Cock \_\_\_\_\_  
 Meter size, Make and No. { \_\_\_\_\_  
 Date of Meter Setting \_\_\_\_\_  
 Brief description of Meter Location \_\_\_\_\_

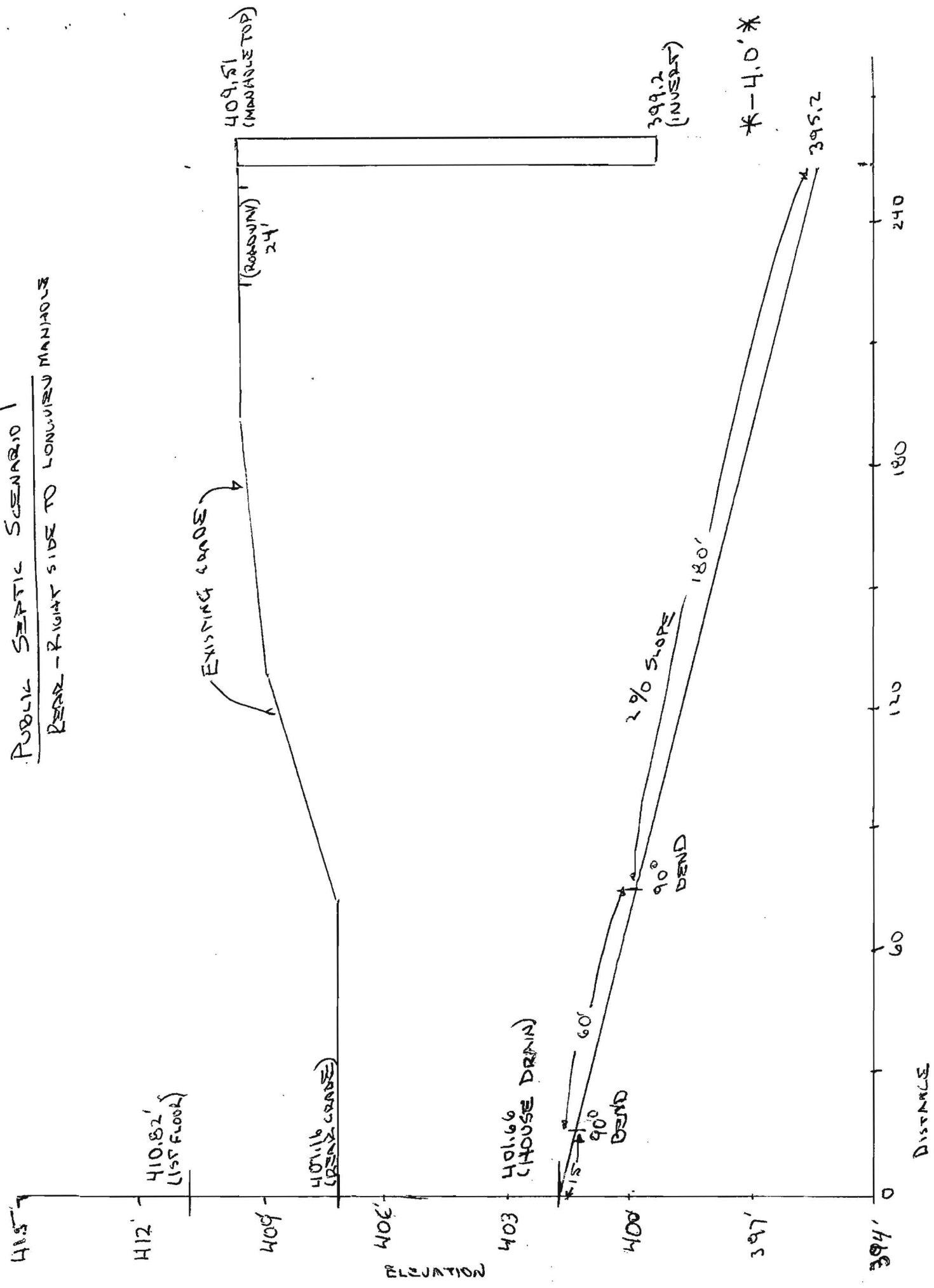
COMPLETION OF OFFICE RECORDS

Meter Card Record \_\_\_\_\_  
 Meter Sheet and Completion Record \_\_\_\_\_  
 Assessment Record \_\_\_\_\_



1995

PUBLIC SEPTIC SCENARIO 1  
REAR - RIGHT SIDE TO LONGVIEW MANHOLE



R.C. SNYDER 3-28-2011





***DUPLEX 840 GRINDER  
PUMP  
OUTDOOR SYSTEM  
by ZOELLER***

**DEAN BENNETT  
SUPPLY**

**PH 800-621-4291**

**Zoeller 840 Commercial Sewage Grinder Pump**

**Duplex 840 Outdoor Sewage Grinder  
Package System**

**\$ 8685.00**

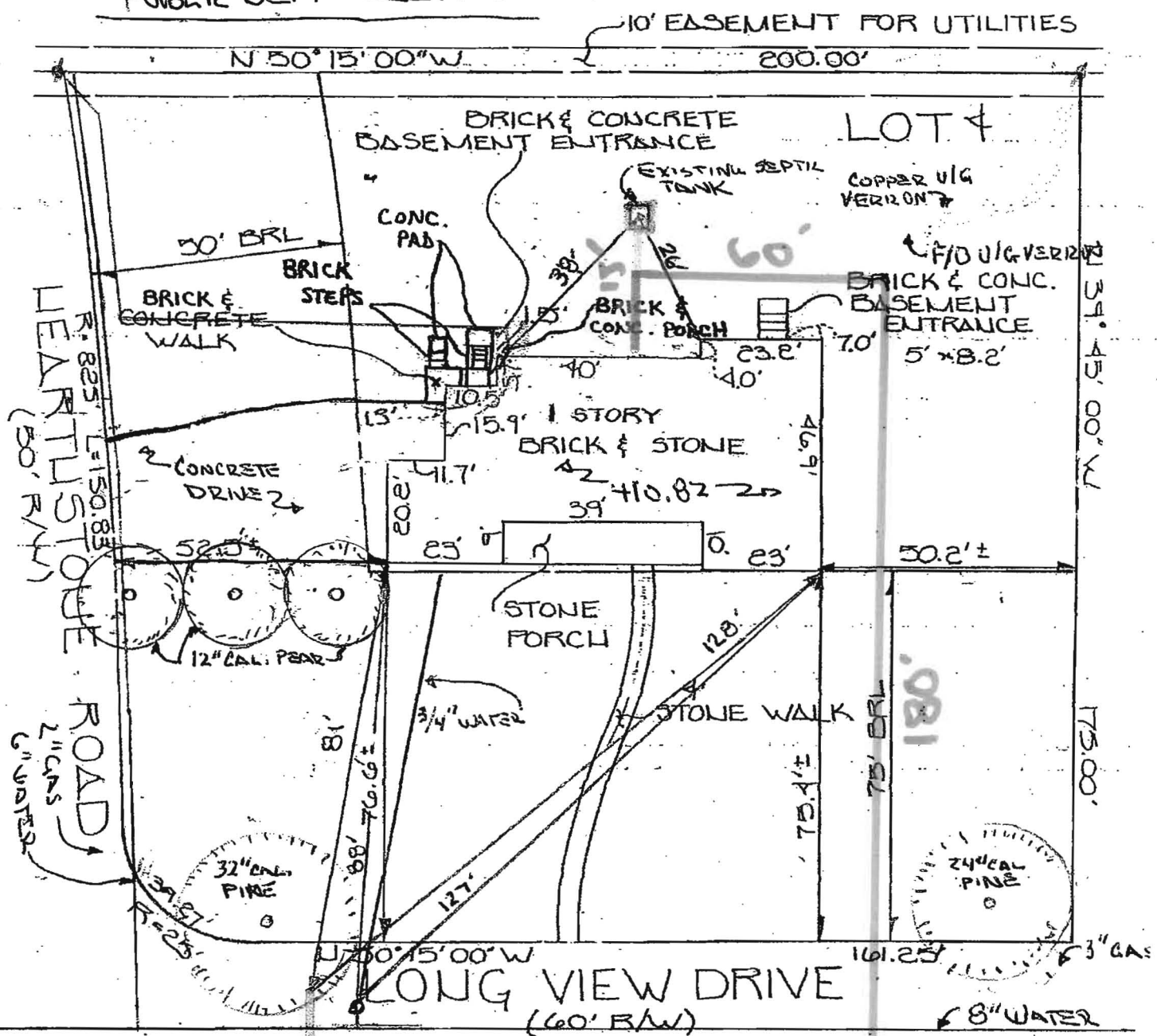
**Special Order**

**\* Due to high truck freight on basins and sewage systems larger than 18x30  
it is necessary to charge a \$ 125.00 surcharge on these basins and systems.**

**See description below**

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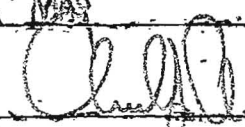
PUBLIC SEPTIC SCENARIO 1



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