



HOWARD COUNTY HEALTH DEPARTMENT

62946

DATE 7/14/18

P5

Received From

PHONE #

410 442-2145

For

☐ CASH
☐ CHECK

NO.

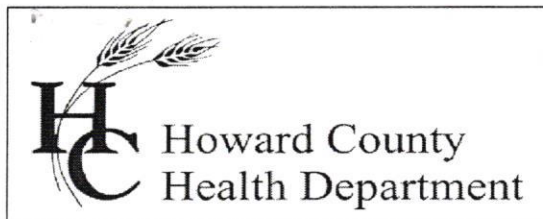
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\$

105

Received By

Dollars



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

July 11, 2016

James and Monica Murphy
12180 Hall Shop Road
Clarksville, MD 21029

RE: Compromised replacement sand mound area

Dear Mr. and Mrs. Murphy,

Having noticed a stockpile of soil in the vicinity of an approved sand mound location on your property, I conducted an evaluation of the designated area on Friday, July 8, 2106. The previously approved area for the replacement sand mound extends about 30 feet uphill from the backslope of the initial (re: existing) sand mound.

I found that the area designated for a replacement sand mound has been impacted by the operation of excavation equipment, and by the stockpile of soil. The weight of the soil stockpile is compacting the soil surface beneath it, an adverse condition for a potential sand mound area as the soil surface is the potential infiltrative surface. In the area immediately adjacent to the soil stockpile, there is evidence that soil has been removed by the excavator and that the exposed surface has been compacted as well.

The measured width of undisturbed soil between the existing sand mound and the disturbed soil ranges from 16-to-20 feet. The area of soil disturbance widens in proximity to the shed that is being constructed. I measured a distance of 32 feet from the back of the shed to the edge of the exposed soil surface. Attached is a graphic on which is illustrated the impacted portion of the Sewage Disposal Area (SDA) which is labeled as "Sewage Disposal Easement" on the drawing.

In addition to the impact on the area for the replacement sand mound, I found that the corner of the existing sand mound has been partly excavated, and the soil surface in the area where a pressurized wastewater effluent pipe is buried has been excavated. Potential damage of the buried pipe could not be determined at the time of the evaluation.

It is very important that no additional damage occurs to the area designated for future wastewater disposal. Therefore, these are actions you need to implement immediately to protect that area:

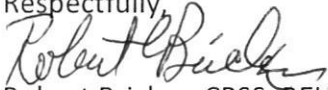
1. Install fencing along the boundary of the SDA nearest to the construction/excavation activity.
 - a. The distance from the back of the shed to the SDA is 12.5 feet.
 - b. **Use caution** when placing fence supports near the existing sand mound as the buried effluent line is near the edge of the sand mound.
 - c. From the upper corner of the SDA, extend the fence northwestward while maintaining a distance of 30 feet from the backslope of the existing sand mound.
2. After the fence is installed, the soil pile is to be removed.
 - a. The soil pile must be removed without removing any of the native soil. In essence the original soil surface is not to be removed during this operation.
 - b. The soil is to be removed by tracked excavation equipment.
 - c. Removing the soil pile without additional soil disturbance **REQUIRES THAT THE SOIL BE REMOVED FROM THE UPHILL SIDE.**
 - d. After the soil pile is removed, the disturbed area may be further evaluated and recommendations for management discussed.

The Bureau of Environmental Health has placed a condition on the building permit for the pool and spa (B16000738) so that the Final Inspection is contingent upon items 1 and 2 above being completed.

As a result of the replacement sand mound site being compromised, future building permit approval by the Health Department will be contingent upon the outcome of soil evaluations to determine the suitability of the disturbed area for wastewater disposal.

If you have questions related to this inquiry, you may reply to me via email, rbricker@howardcountymd.gov , or call my desk, 410-313-2691.

Respectfully,



Robert Bricker, CPSS, REHS/R.S.

Environmental Sanitarian II

Well and Septic Program, Bureau of Environmental Health

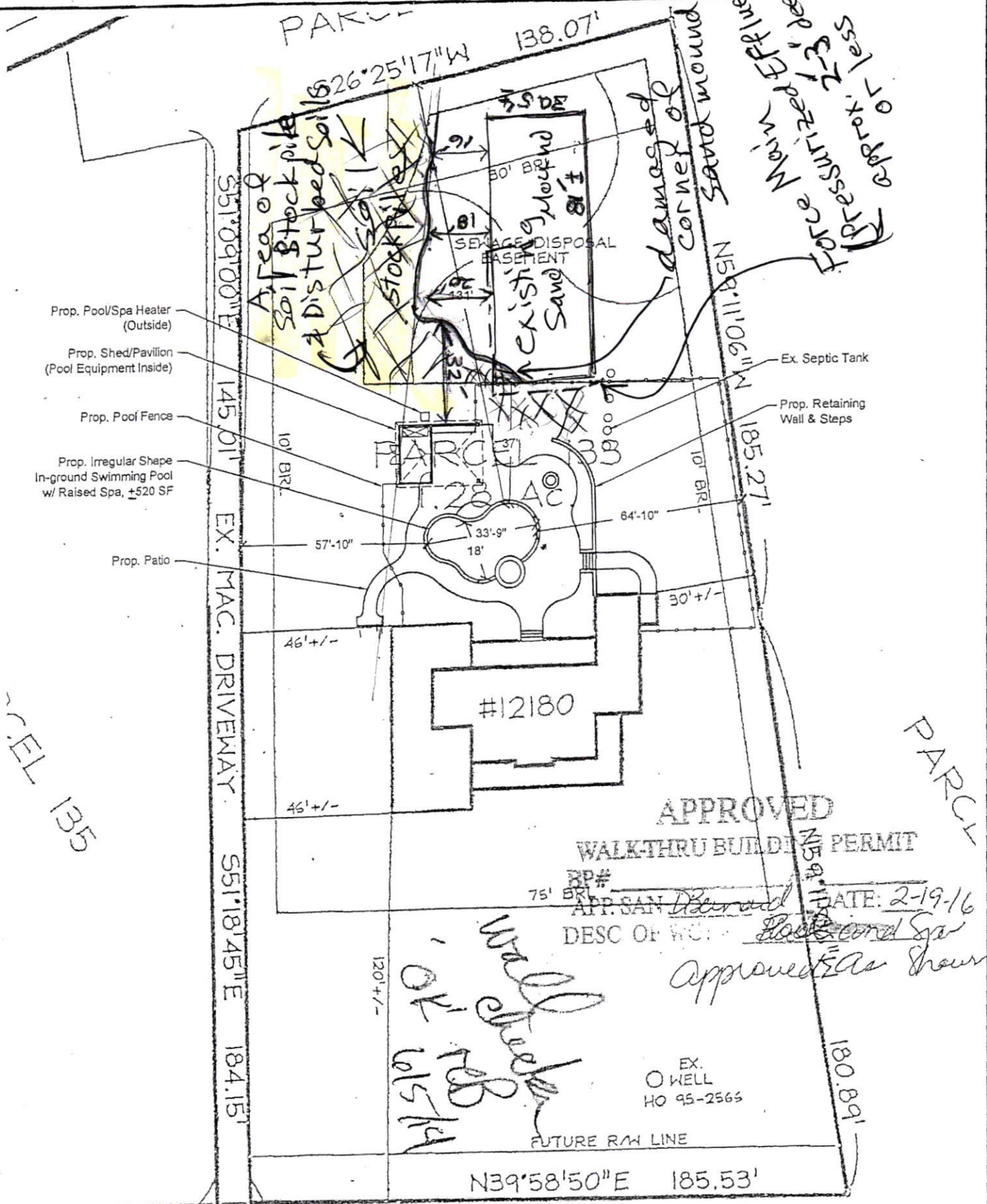
Howard County Health Department

8930 Stanford Boulevard

Columbia, MD 21045

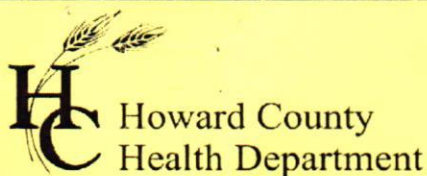
RB

Copy: Jeffrey Williams, Program Coordinator, Well and Septic Program
file



PROPERTY INFORMATION:
ADDRESS: 12180 HALL SHOP ROAD
CLARKSVILLE, MD 21029
DEED REFERENCE: 16562/00276

SITE PLAN
SCALE: 1" = 40'-0"
FEBRUARY 16, 2016

**Bureau of Environmental Health**

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 | Fax: 410-313-2648

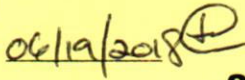
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Maura J. Rossman, M.D., Health Officer

RECEIPT DATE: 4/4/18**ONSITE SEWAGE DISPOSAL SYSTEM**P 562946

INSTALLATION

APPROVAL DATE: 06/19/2018 **PERMIT**

A _____

SEWER HOUSE CONNECTIONPROPERTY ADDRESS: 12180 Hall Shop Road

SUBDIVISION: _____

LOT: _____

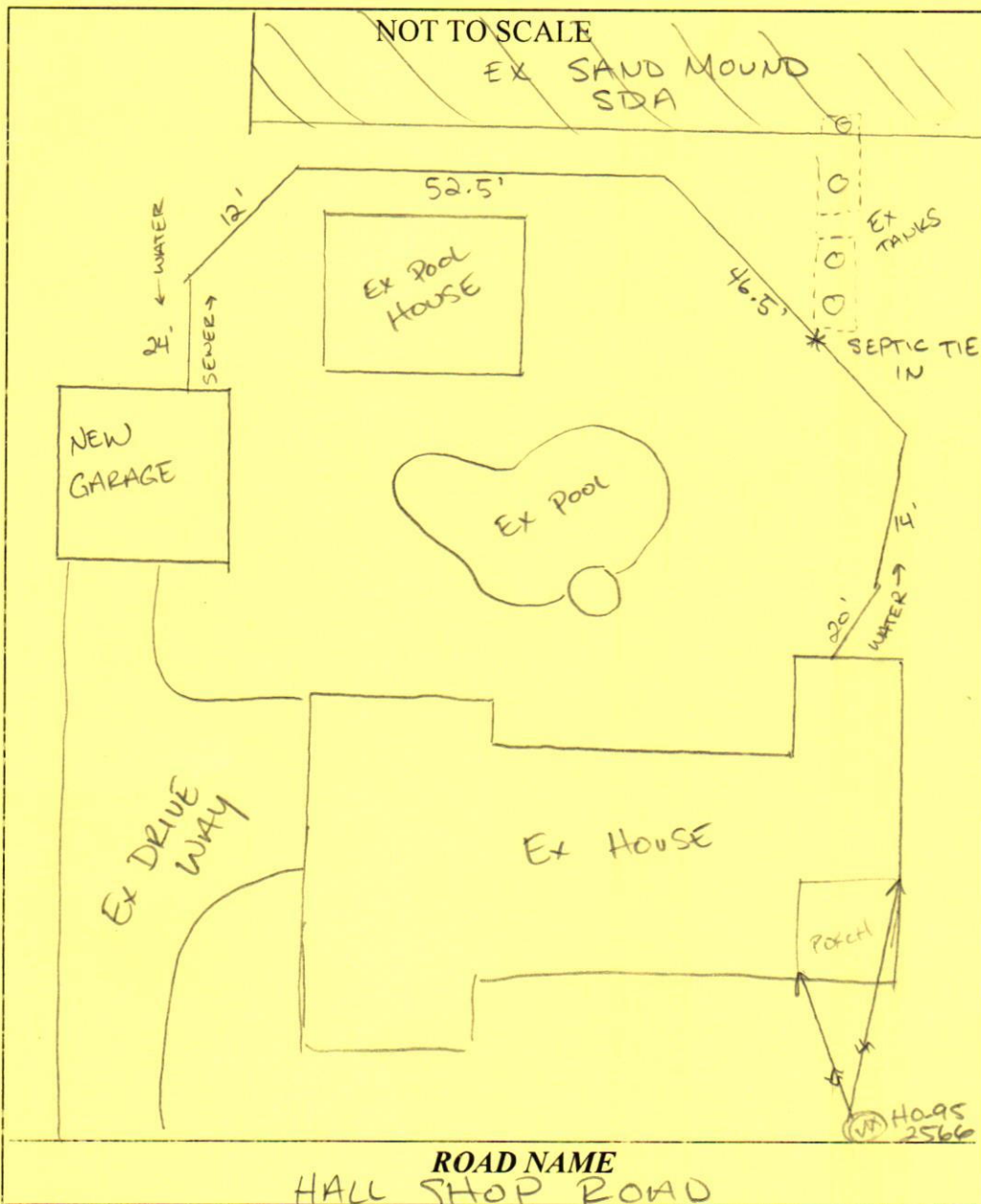
TAX ID: 05-351960CONTRACTOR: Rhine LandscapingEMAIL: dan@rhinelandscaping.comCONTRACTOR ADDRESS: P.O. Box 1825, Sykesville, MD 21784PHONE: 410-442-2445PROPERTY OWNER: Jim and Monica Murphy

EMAIL: _____

OWNER ADDRESS: 12180 Hall Shop Road, Clarksville, MD 21029PHONE: 301-252-1665NUMBER OF BEDROOMS: N/A CONNECTED TO PUBLIC WATER: ☐ YES ☒ NO

LOCATION:	From garage to septic tank
NOTES:	Protective fence must be installed outside of sewage disposal area prior to any construction activity. A preconstruction meeting is required prior to digging sewer line trench. Stake route of sewer line prior to meeting. Excavating soil to be removed from site; no stockpiling.

ISSUED BY: Robert BrickerISSUE DATE: 4/4/18EXPIRATION DATE: 4/4/19**NOTE: HOWARD COUNTY BUREAU OF UTILITIES APPROVAL OF GRINDER PUMP INSTALLATION IS REQUIRED PRIOR TO SEPTIC PERMIT APPROVAL****NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING****NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM****NEITHER THE HOWARD COUNTY COUNCIL NOR 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.**



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 I LEVEL _____
 MANUFACTURER _____
 CAPACITY _____ GAL
 SEAM LOC _____
 TANK LID DEPTH _____
 BAFFLES _____
 BAFFLE FILTER _____
 MANHOLE LOC _____
 6" PORT LOC _____
 WATERTIGHT TEST _____
 SLOTTED _____
 DATE ON LID _____

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:

05/07/2018 Met w/ contractors on site. Sewer line layout matches plan. Contractors will install sewer line before garage construction. Inspect installation and garage JHC. @

INSTALLATION: 05/09/2018 Stopped by site. Contractor initiated construction without notification. Clo: Instructed to call in to office for all work.

Protective fence was present by SDA. @ 6/18/2018 Plan Red Lined for water line. 6/19/2018 SEWER LINE + WATER LINE IN SAME TRENCH. WATER 40" from grade, sleeved w/ flex PVC SCH 40 from house to garage. Sewer line marked w/ green trace wire ~18" from grade. Double ferro on sewer line by tank tie in. Gravel bed to stabilize. SEE PHOTO. OK TO BACKFILL. @

FINAL INSPECTOR

DATE OF APPROVAL

06/19/2018

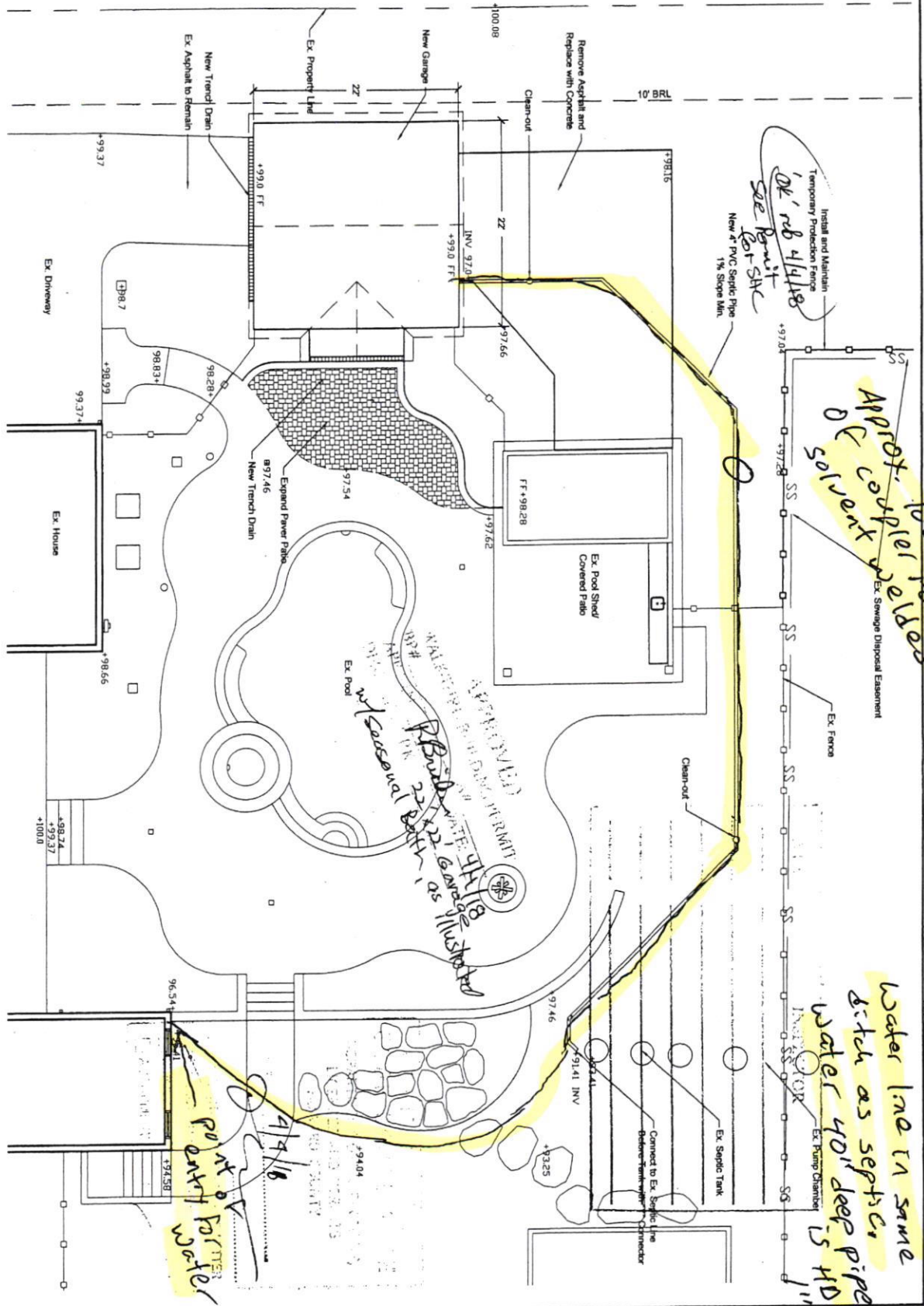
6/12/18
 Repair
 sewer
 (K)

Location sleeve
 approx. 40' deep

sleeve 8" rubber flex
 line

Install and Maintain
 Temporary Protection Fence
 See Permit
 New 4" PVC Septic Pipe
 1% Slope Min.

Water line in same
 ditch as septic
 water 40' deep pipe
 4" HDPE



Site Plan

Scale: 1" = 10'-0"

Sheet Number
 1 of 4

Drawing Date:
 March 29, 2018

**THE MURPHY
 RESIDENCE**
 12180 HALL SHOP ROAD
 CLARKSVILLE, MARYLAND 21029

RHINE
 LANDSCAPING • CONSTRUCTION • POOLS
 410 • 442 • 2445
 www.RhineLandscaping.com • www.RhinePools.com
 P.O. Box 1825, Sykesville, MD • MHC # 121739

SITE INSPECTION SHEET

OWNER: _____ PHONE #: _____

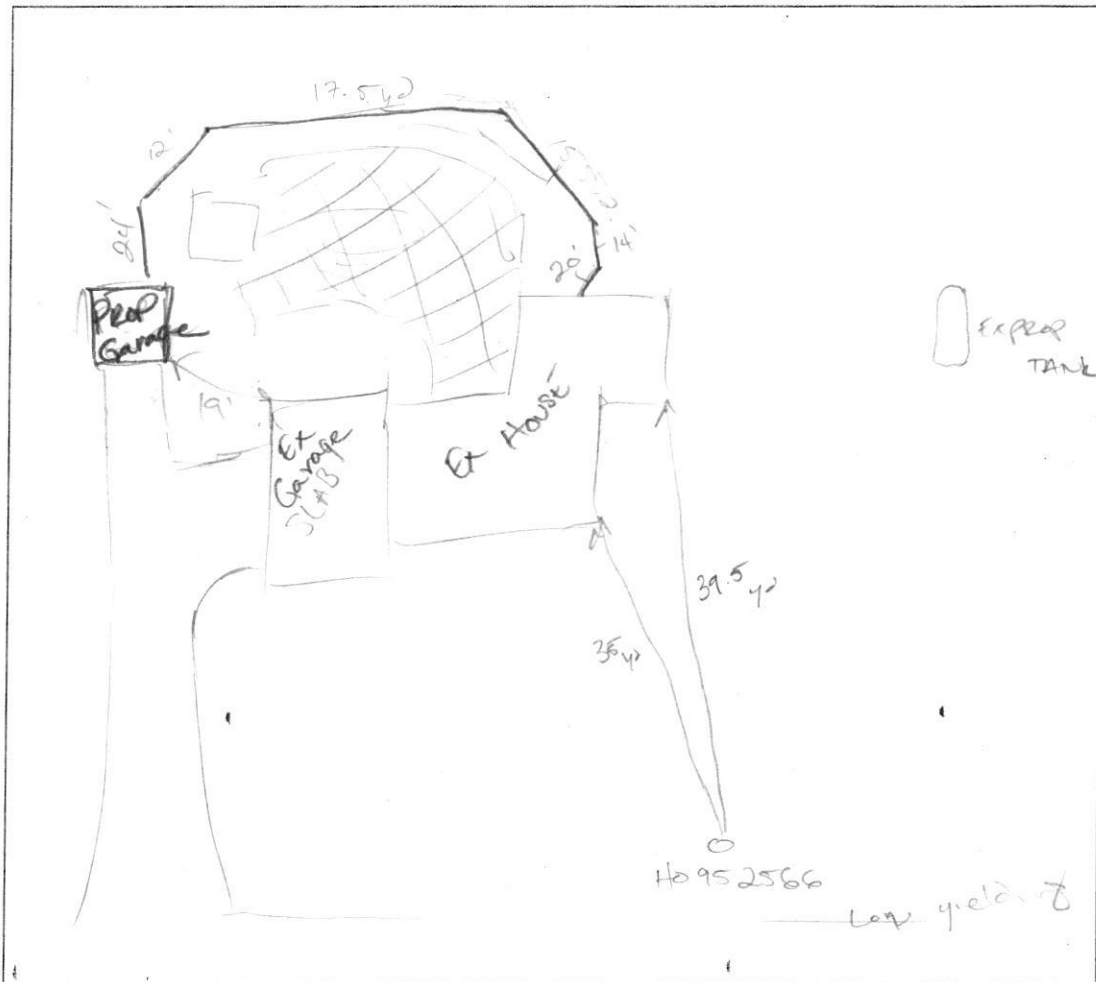
ADDRESS: 12180 HALLSHOP RD CONTRACTOR: RHINE/J+R

WELL TAG #: HO 95 2566

SUBDIVISION: _____ LOT: _____ COUNTY #: (XII)

PROPOSAL: INSTALL WATERLINE + SEWER LINE IN SAME TRENCH TO POOL GARAGE

LOCATION DIAGRAM



COMMENTS: 6/14/2018 Changed plan from seasonal garage to year round. VARTEK 2" IPS 6" MBE use w/ LISTED PVC Solvent Cement and primers cuspc SP-4729 NSF-50.
New line to find from garage into pool house.

DATE: 6/18/2018 INSPECTOR: [Signature]

SITE INSPECTION SHEET

OWNER: _____ PHONE #: _____

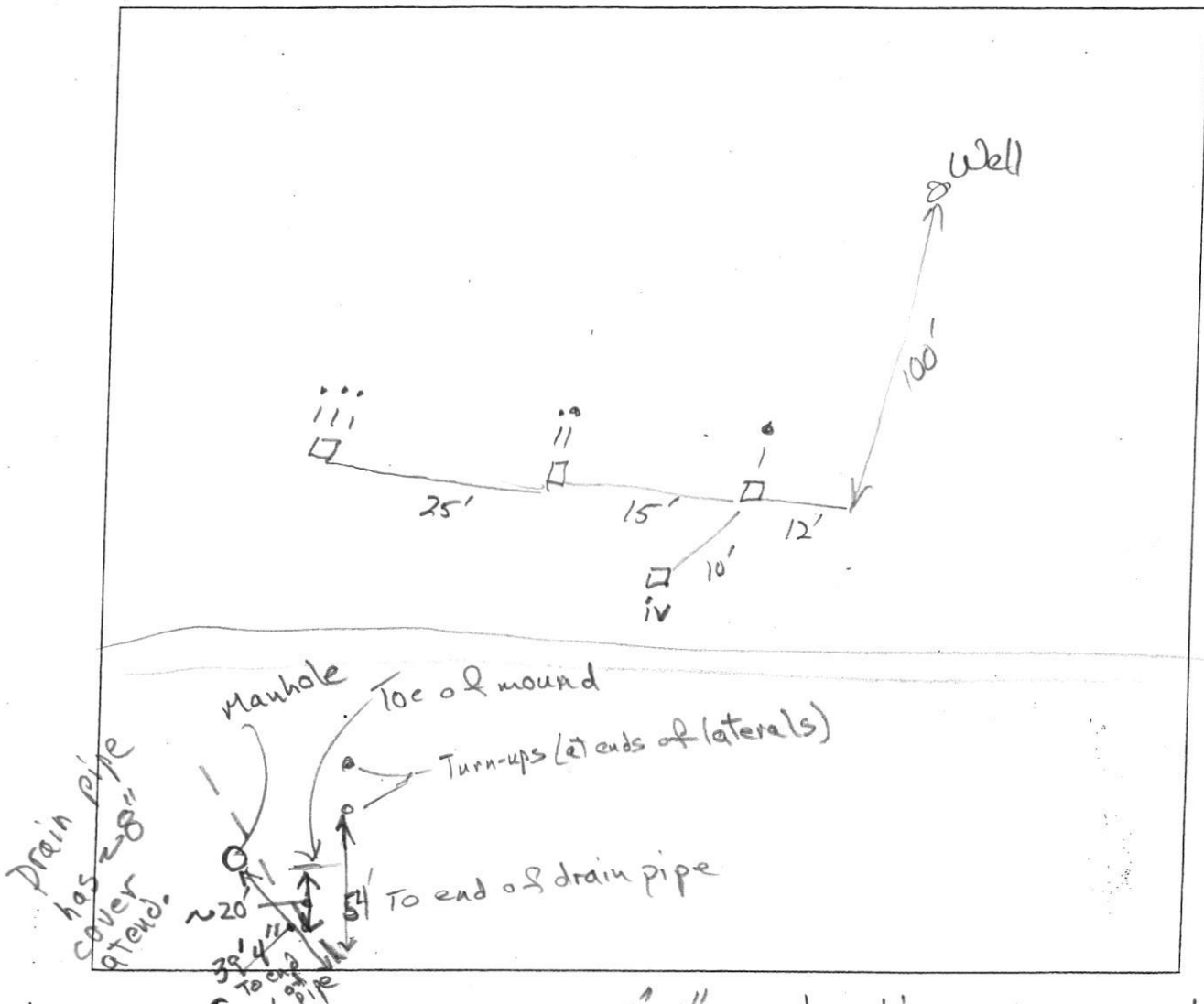
ADDRESS: 12180 Hall Shop Rd. CONTRACTOR: _____

WELL TAG #: _____

SUBDIVISION: _____ LOT: _____ COUNTY #: _____

PROPOSAL: _____

LOCATION DIAGRAM



COMMENTS: Soil compacted to 5.5"-6" at locations i, ii, and iii.
Moderate sub-angular blocky structure at location iv.
in upper 6".

Locations i, ii, iii are at approximate elevation where gravel bed would be located over 2 ft. of sand.

DATE: _____ INSPECTOR: _____

9/14/2016

RBricker

