

LAYOUT 2/13/09 INSP 4 5/18/09
INSP 2 3/12/09 INSP 5 _____
INSP 3 3/13/09 INSP 6 _____

ISSUE DATE: 7/8/08

APPROVAL DATE: 5/20/09

PERMIT

P 5 29475

A 527206

TAX ID # 05347106

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

MB Visnic IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: 1684 E. Gude Dr, Ste 102 PHONE NUMBER: 301-309-6470
Rockville, MD 20850

SUBDIVISION: _____ LOT NUMBER: _____

ADDRESS: 13941 Clarksville Pike PROPERTY OWNER: Darryl and Lawanda Britt

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

PUMP CHAMBER CAPACITY (GALLONS): 2000 COMPARTMENTED TANK REQUIRED ☒

NUMBER OF BEDROOMS: 6

SQUARE FEET PER BEDROOM: _____

LINEAR FEET OF TRENCH REQUIRED: 155

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Trenches are to be installed no higher than perc test 2D (See Approved Design Plan). Force main must maintain 50 ft minimum to the well head.
NOTES:	No 90 degree bends in pipe prior to the Septic Tank. Pressure line must be sleeved 20ft on either side of stream. Directional Bore to be used to cross under the stream channel without disturbance.

PLANS APPROVED: Gabriel Creighton DATE: 1/7/08

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 UNLESS SPECIFICALLY AUTHORIZED

**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**

NOT TO SCALE

3/19/08 EZ flow installed. Installer ripped up silt fence and put over trenches. Pump line done. Tanks set and house connection made. Need to replace silt fence. Add 6" tank baffle and handle

See As-Built
Drawing on Separate
Sheet

for effluent filter. (BB) 3/20/09 6" tank baffle and effluent handle installed. Need geotextile fabric and pump and alarm test. (BB) 3/25/09 Builder said he had put felt fabric on trenches. Need pump and alarm test. (BB)

* See Separate sheet for more notes ...

ROAD

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3	3	5'-5.5'
NUMBER OF TRENCHES		3
TOTAL LENGTH		155'
ABSORPTION AREA		465 + Sidewall
DISTRIBUTION BOX LEVEL		Levelers
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	Yes
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	3'
BAFFLES	Front
BAFFLE FILTER	Yes
MANHOLE LOC	Front + Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL	Yes
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	3'
BAFFLES	No
BAFFLE FILTER	No
MANHOLE LOC	Rear
6" PORT LOC	None
WATERTIGHT TEST	No

Slotted

PRE-CONSTRUCTION 2/13/09 Easement not stapled. Contractor may want to use EZ flow because of difficulty in INSTALLATION bringing in stone. Prefer gravel, however may use EZ flow 3 rows and 3 high if necessary. They also suggested using schedule 40 sleeving for directional boring. (BB) 3/12/09 Did trench layout and went over general locations of other components. Contractor requested to use tanks with traffic bearing lids because geothermal loops are further down the hill. Keep pump chamber as shallow as possible. (BB)

FINAL INSPECTOR

DATE OF APPROVAL

3/13/09 Trenches dug. Bottoms look good. O.K. to install EZ flow. (BB) 3/16/09 Dist. box set. Started on pump line. (BB)

45°
45°
45°
45°
At Box

200'

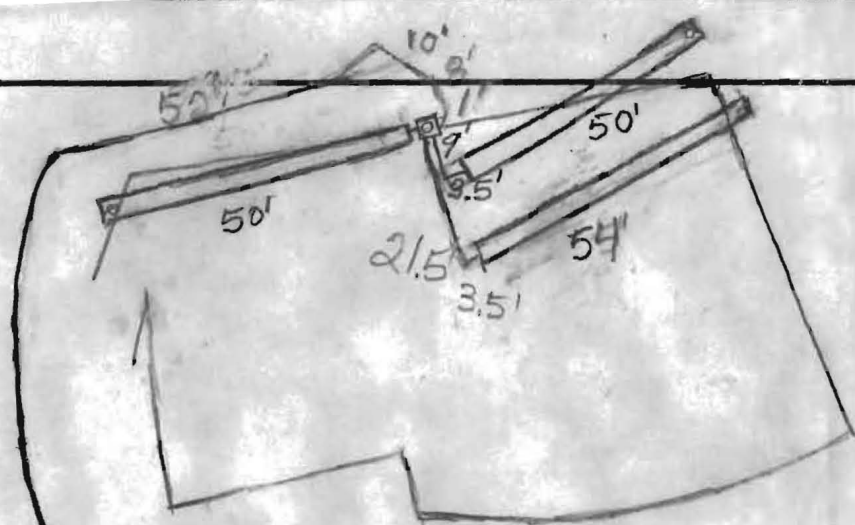
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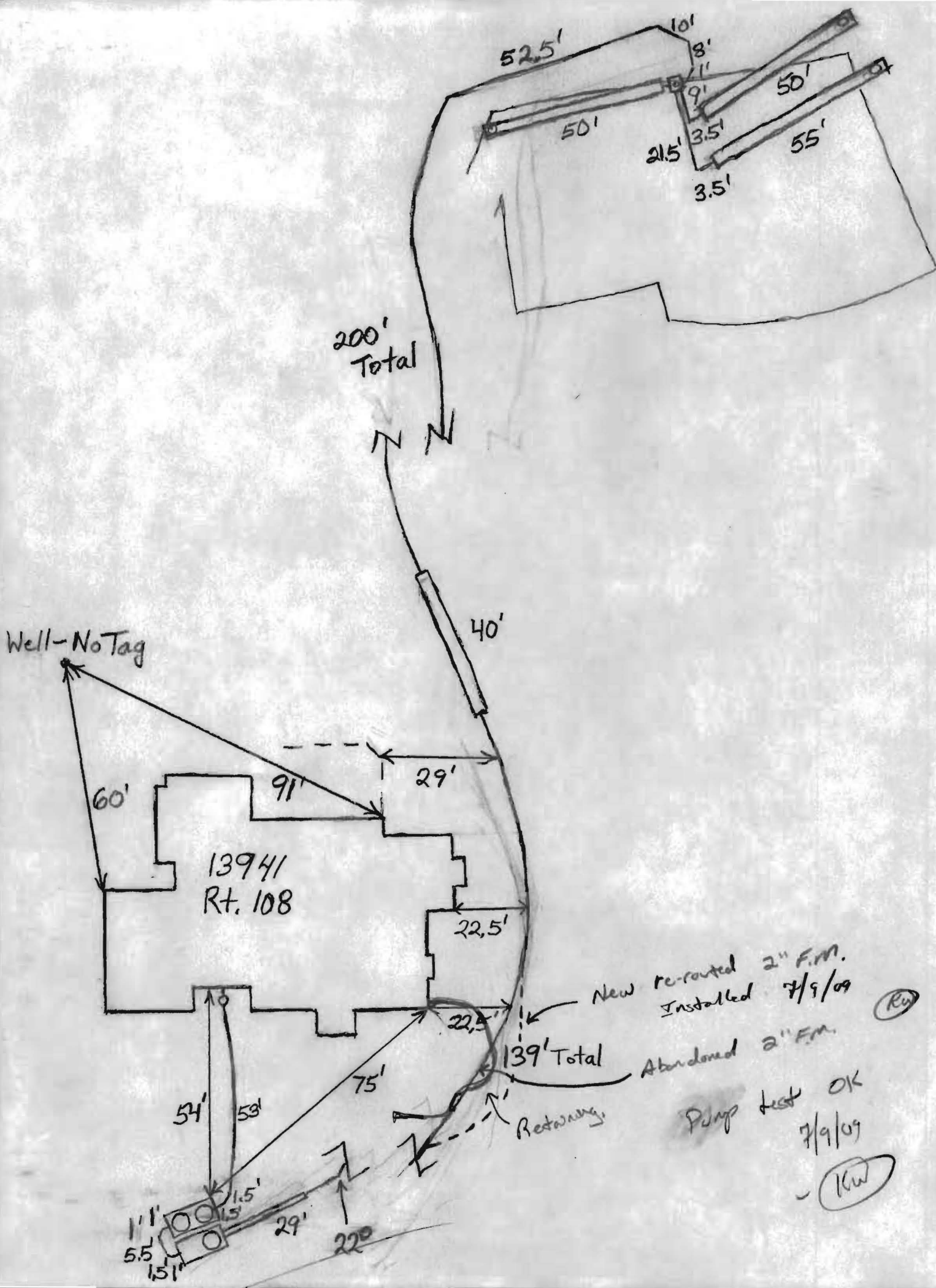
60'

91'

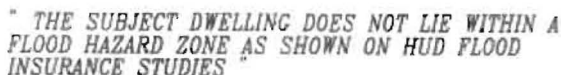
13941
Route 108

NOT TO SCALE





7/19/2009 8:40:25 AM dgarcia



**NOTE: THIS SURVEY IS NOT VALID UNLESS
IT CONTAINS A BLUE SURVEYORS SEAL.**

7-8-08

Dwg: N:\22421\dwg\88-08 Xref:



Theodore M. Visnic

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OFFICE: (301) 309-6470
FAX: (301) 309-8820
www.mbvsnic.com

May 19, 2009

Kevin Wolf
Howard County Health Department
7178 Columbia Gateway Dr
Columbia, MD 21046

Re: 13941 Clarksville Pk.,
Clarksville, MD

Dear Kevin;

After consideration of the existing conditions related to the force main sewer line to the septic field of the above cited property, where it interacts with the retaining wall under construction, even though permission was granted to sleeve the line where it penetrated the wall footer, we have elected to reroute the force main sewer after completion of the retaining wall. The existing sewer line will be repaired where excavation of the retaining wall footer damaged it and we will protect the existing sewer line during construction of the wall. After the wall is completed we will excavate a trench around the wall, expose the existing line at both ends of the trench and connect a new line circumventing the retaining wall there-by abandoning the sewer line where it passes through the wall.

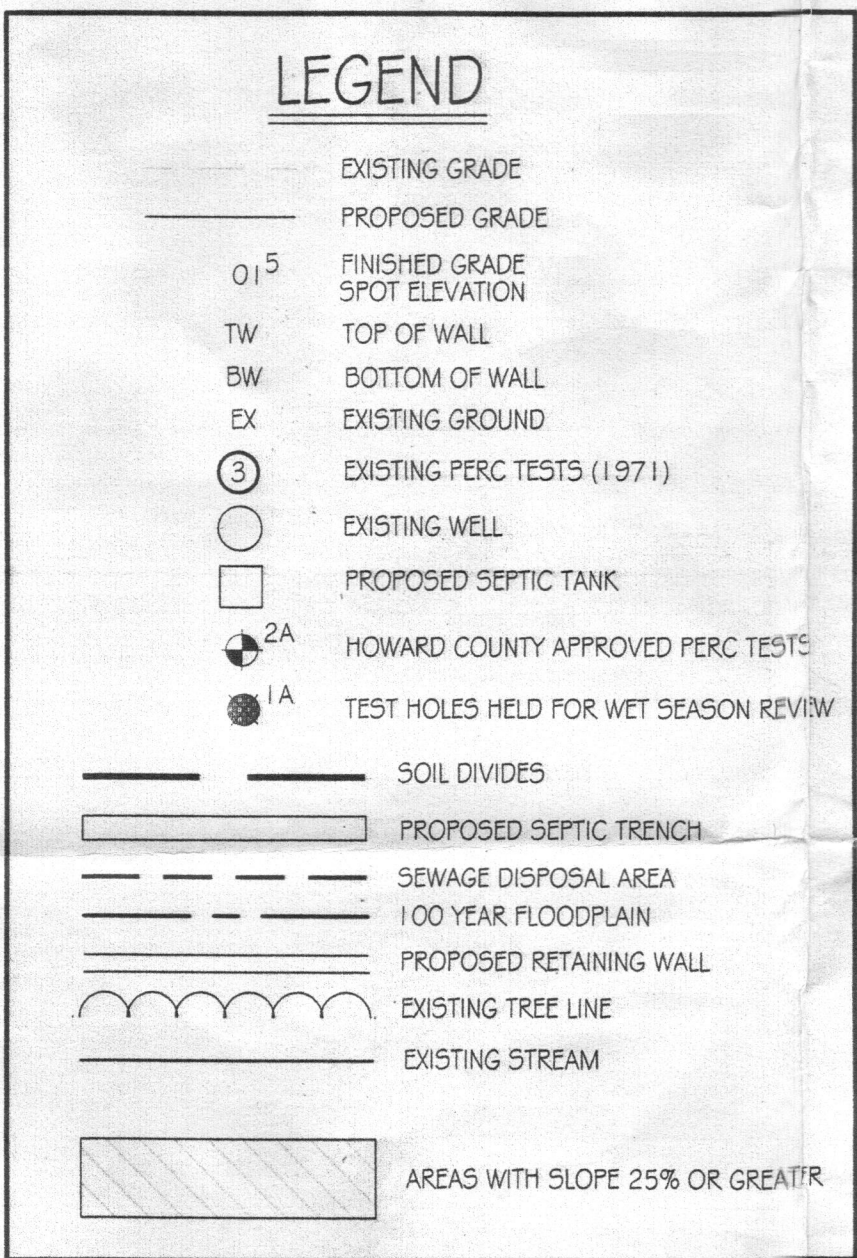
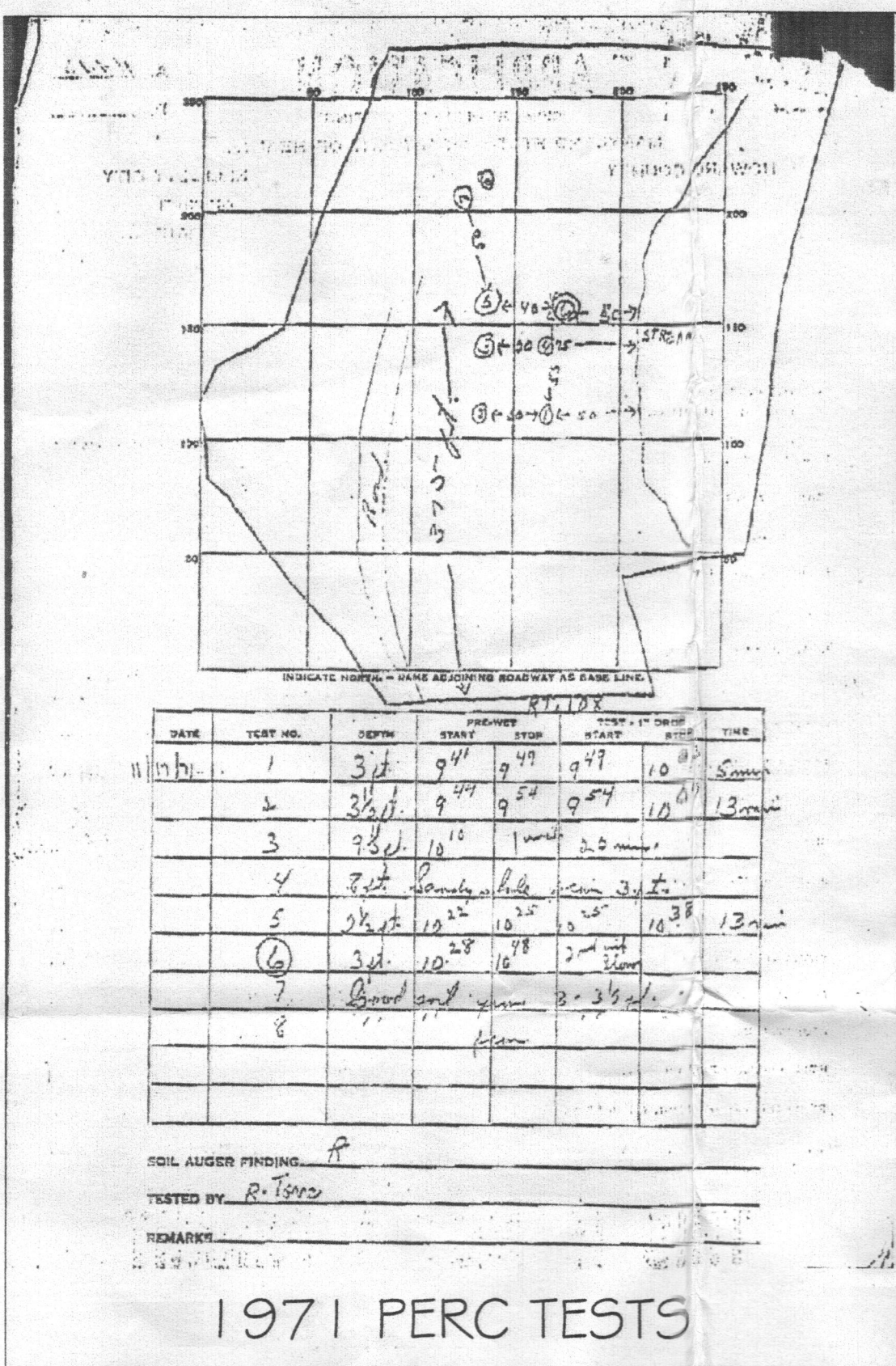
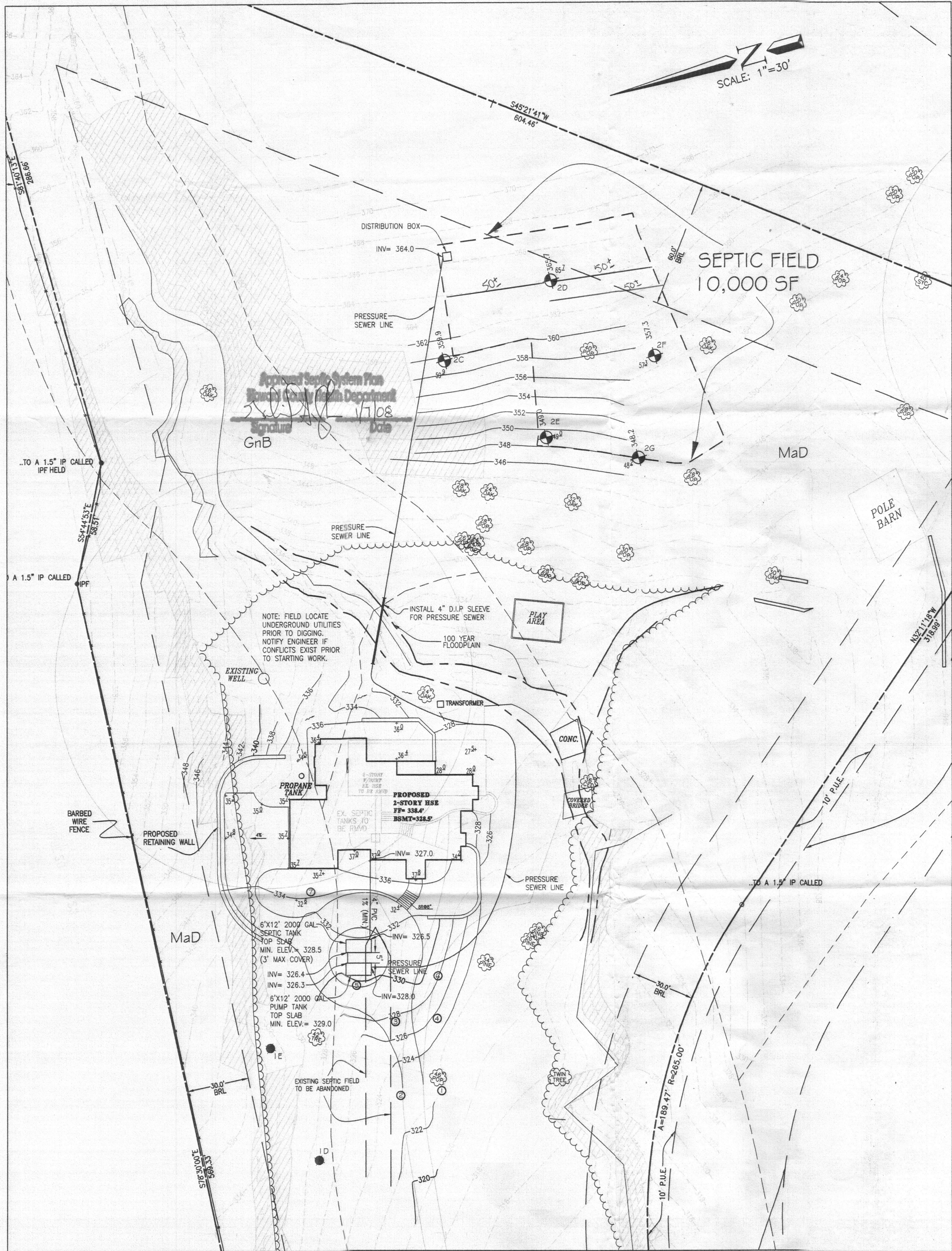
The septic system inspection allowing our client to achieve occupancy will be scheduled as soon as the repair to the existing force main is completed. We will schedule with you a re-inspection to observe the rerouted sewer line after completion of the retaining wall. We expect the construction of the retaining wall to be completed by June 12 allowing us to proceed with the rerouting of the sewer line that following week.

Thank you for your consideration of the unusual circumstances involved in this project. I look forward to working with you on our future projects in Howard County.

Sincerely;

Bruce Coburn
Sr. Project Manager
Visnic Homes, Inc.

Patrick Gowin
Settle Construction Group

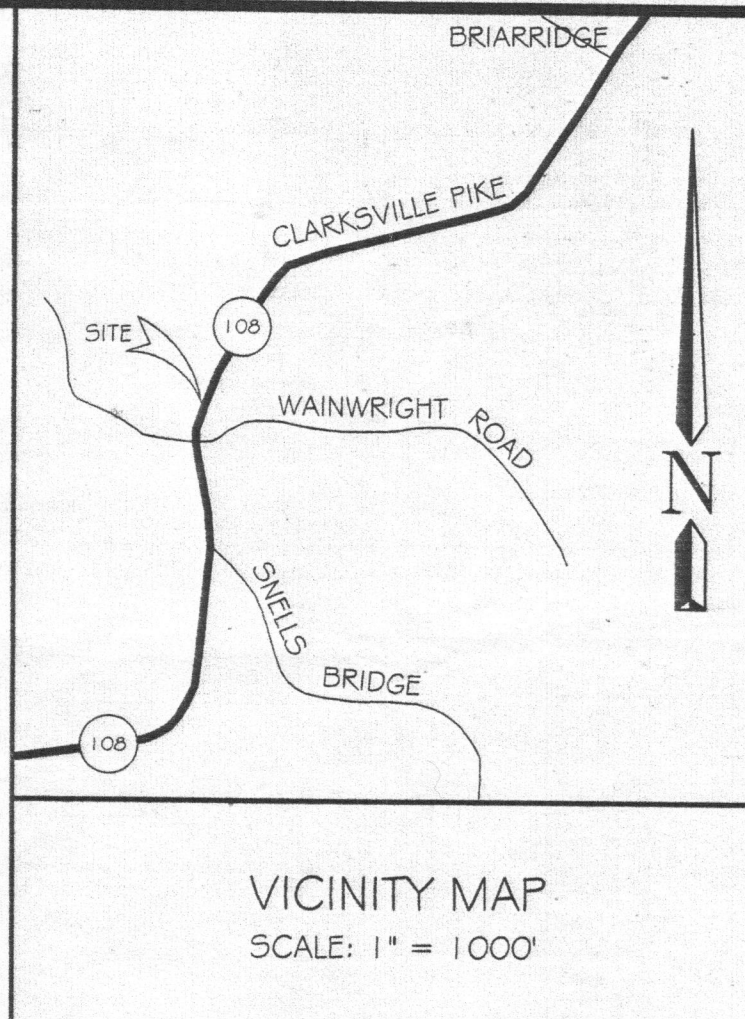
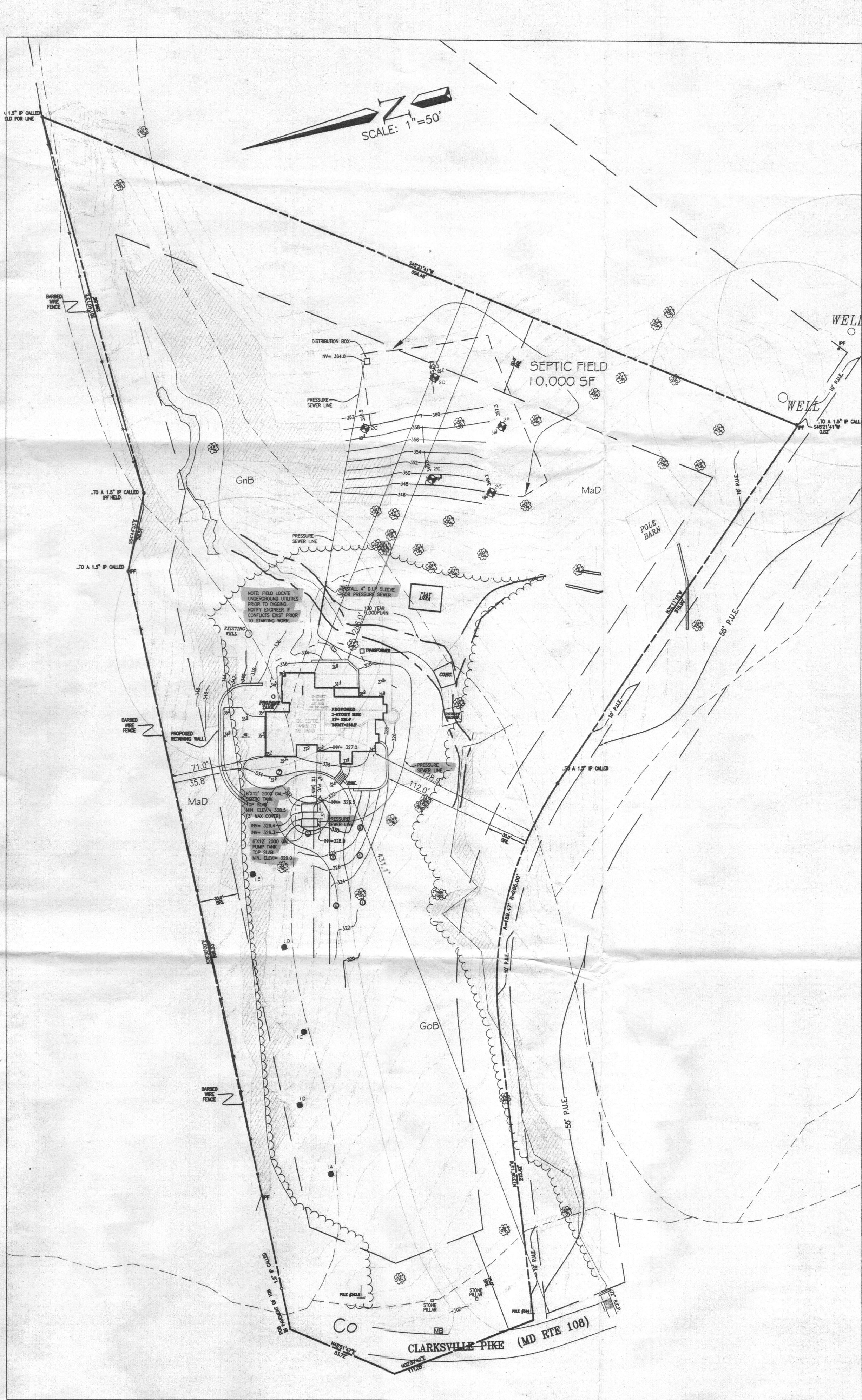


NOTE:
New topo taken below new septic field
location field shot 10-5-2007

NOTE:
The lot shown hereon complies with the
minimum ownership width and lot area
as required by the Maryland Department
of Environment

NOTE:
The Maryland Department of Environment
(MDE) has reviewed the proposed stream
crossing and has determined that a
Non-Tidal Wetlands and Waterway Permit
is not needed if the stream is not
disturbed by using a bore and jack to
install D.I.P. sleeve under stream

NOTE:
All wells and septic systems on and
within 100 feet of the property
boundaries have been shown to the best
of my knowledge.



CPJ Charles P. Johnson & Associates, Inc.
Civil and Environmental Engineers • Planners • Landscape Architects • Surveyors
175 Elm Rd. Ste. 300 Silver Spring, MD 20910 301.484.0000 Fax 301.484.0094
www.cpj.com • Gaithersburg, MD • Frederick, MD • Stevensville, MD • Fairfax, VA

BRITT RESIDENCE
13941 CLARKSVILLE PIKE, HIGHLAND, MD 20777
HOWARD COUNTY, MD

NOTE:
DRIVEWAY SHALL CONSIST OF A MINIMUM
OF SIX (6) INCHES OF CRUSHER RUN BASE
WITH TAR AND CHIP COATING.

NOTE:
EXISTING SEPTIC TANK MUST BE REMOVED.
PROPOSED SEPTIC TANK TO BE INSTALLED
WHERE INDICATED IN PLAN VIEW.

NOTE:
MDE sewage disposal area statement for lots
created before March 1972:

This area designates a private sewage disposal
area as required by the Maryland Department
of Environment for individual sewage disposal.
Improvements of any nature in this area are
restricted. This sewage disposal area shall be
come null and void upon connection to a
public sewerage system. The County Health
Officer shall have authority to grant
adjustments to the private sewage disposal
area.

NOTE:
Any changes to a private sewage
easement shall require a revised
perc certification plan

GENERAL NOTES

SURVEY:

- HORIZONTAL DATUM BASED ON NAD83(NSRS2007)
- VERTICAL DATUM BASED ON NAVD88
- TOPO AT - 2' CONTOUR INTERVALS
- TOPOGRAPHY BASED ON FIELD RUN TOPO PERFORMED BY CPJ ON 05-01-07.
- 100 YR FLOODPLAIN LOCATED WITHIN THE SITE
- NO TITLE REPORT WAS FURNISHED FOR THIS PLAN

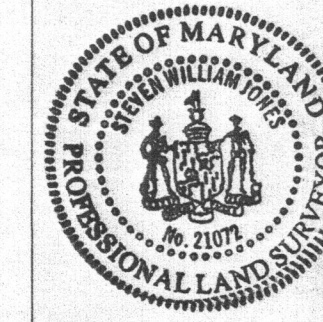
ZONING:
BRITT RESIDENCE: 13941 CLARKSVILLE PIKE, HIGHLAND MD 20777

- PROPERTY ZONED: RR-DEO
- LOT 8 - TAX MAP:40 - GRID:15 - PARCEL:412
- LOT SIZE: 5.69 AC
- FRONT YARD: 75.0'
- SIDE YARD: 30.0'
- REAR YARD: 60.0'
- LOT COVERAGE: 1.6%

MAXIMUM BUILDING HEIGHT: 40.0' (PROPOSED 33.5' TO MEAN ROOF)

HEALTH OFFICER'S CERTIFICATE
I HEREBY CERTIFY THIS PLAN IS APPROVED FOR PRIVATE
WATER AND SEWAGE UTILITIES IN ACCORDANCE WITH THE
MASTER PLAN OF HOWARD COUNTY.
DATE: 12/19/07
HOWARD COUNTY HEALTH OFFICER

SURVEYOR'S CERTIFICATE
I HEREBY CERTIFY THAT THE BOUNDARY INFORMATION
SHOWN HEREON IS CORRECT AND TAKEN FROM
AVAILABLE DEEDS AND RECORDS.
DATE: 12/19/07
STEVE JONES
PROFESSIONAL LAND SURVEYOR
MD # 21072



PERSON	DATE	SCALE	OF
1	1	1	1

FILE NO: 22-421-PRC Plan
Dwg: N122421.dwg/Septic Plan Xref: