



Howard County  
Health Department

Bureau of Environmental Health  
7178 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

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

RECEIPT DATE: 12/19/12

**ONSITE SEWAGE DISPOSAL SYSTEM**

P 544467

INSTALLATION  
APPROVAL DATE: 4/15/2014

**PERMIT  
CONSTRUCTION**

A \_\_\_\_\_

PROPERTY ADDRESS: 13520 Triadelphia Mill Rd Clarksville 21029

SUBDIVISION: Hedgerow Farm

LOT: 4

TAX ID: \_\_\_\_\_

CONTRACTOR: Hatfield's Equipment

EMAIL: \_\_\_\_\_

CONTRACTOR ADDRESS: PO Box 519 Annapolis Junction 20701

PHONE: 301-490-4289

PROPERTY OWNER: Hedgerow Farm

EMAIL: \_\_\_\_\_

OWNER ADDRESS: 13550 Triadelphia Mill Rd Clarksville 21029

PHONE: 410-531-4900

SEPTIC TANK: 2,000 Gallon- top seam/ 2 compartment tank

PUMP CHAMBER CAPACITY (GALLONS): 1,500

PUMP SIZE: N/A

NUMBER OF BEDROOMS: 4

HOUSE SQ. FT. <3,500

APPLICATION RATE: 1.2

DISTRIBUTION SYSTEM: GRAVITY FED ☐

LOW PRESSURE DOSED ☐

TRENCHES:	LINEAR FEET REQUIRED: <u>143'</u>	INLET DEPTH: <u>4</u>
	TRENCH WIDTH: <u>2</u>	MAXIMUM BOTTOM DEPTH: <u>8</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>8</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>6</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Install equal length trenches.	

ISSUED BY: HS

ISSUE DATE: 10/15/2013

EXPIRATION DATE: 12/19/13

**NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION**

**NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING**

**NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.**

**NOTE: WATERTIGHT SEPTIC TANKS REQUIRED**

**NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADIENT FROM ANY WATER WELL**

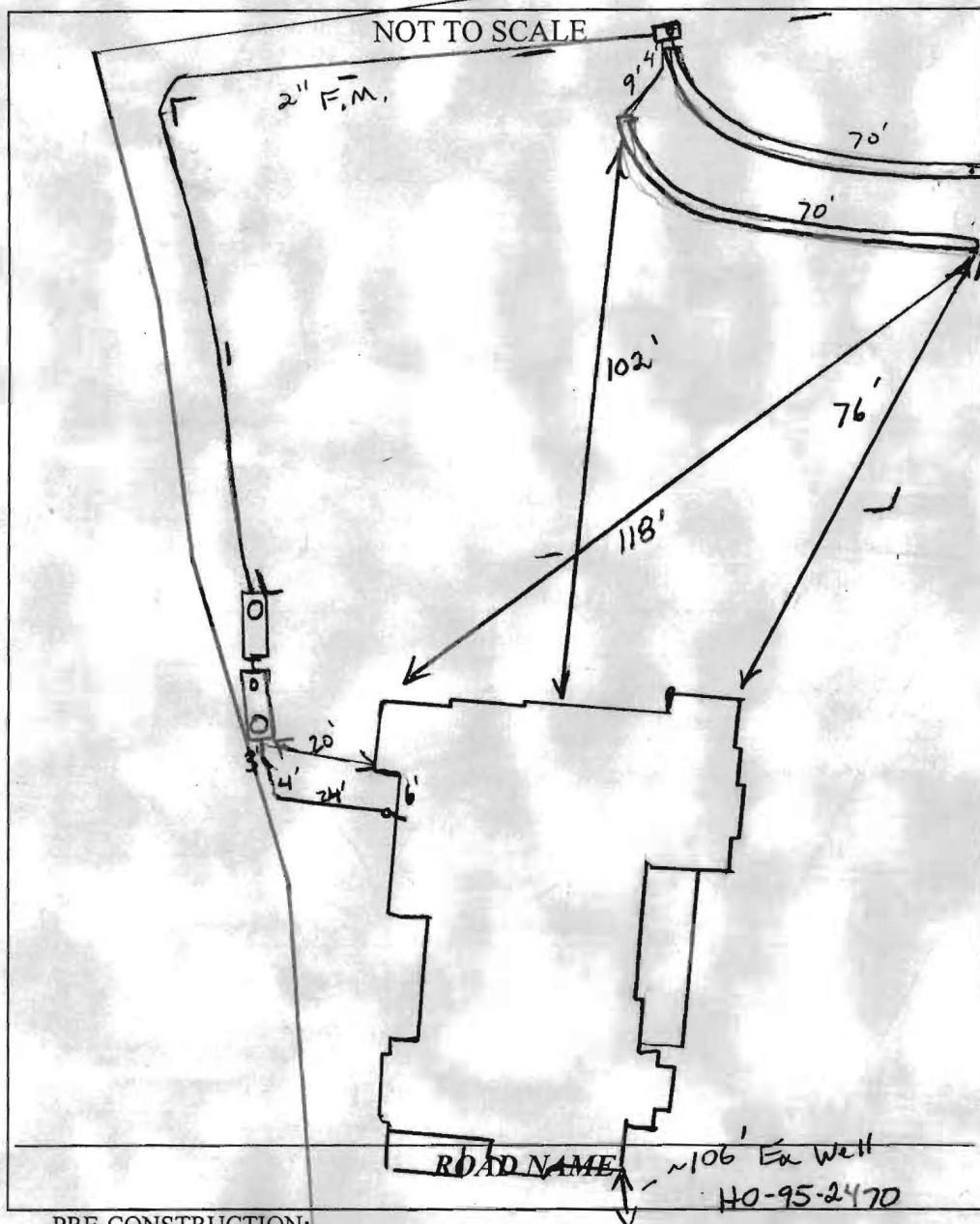
**NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS**

**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 TO SCHEDULE INSPECTIONS.**



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2	4	8
NUMBER OF TRENCHES		
2		
TOTAL LENGTH		
140'		
ABSORPTION AREA		
280' + SW		
DISTRIBUTION BOX LEVEL		
Yes		
DISTRIBUTION BOX BAFFLE		
Yes		
DISTRIBUTION BOX PORT		
Yes		

SEPTIC TANK DATA		
SEPTIC TANK 1 LEVEL		
Yes		
MANUFACTURER		
Babylon		
CAPACITY		
2000		
SEAM LOC		
Top		
TANK LID DEPTH		
2-3'		
BAFFLES		
Yes		
BAFFLE FILTER		
---		
MANHOLE LOC		
Front		
6" PORT LOC		
Rear		
WATERTIGHT TEST		
---		
SLOTTED		
Yes		
DATE ON LID		
11-5-13		
PUMP/SEPTIC TANK LEVEL		
Yes		
MANUFACTURER		
Babylon		
CAPACITY		
1500		
SEAM LOC		
Top		
TANK LID DEPTH		
3'		
BAFFLES		
Front		
BAFFLE FILTER		
---		
MANHOLE LOC		
Rear		
6" PORT LOC		
Rear		
WATERTIGHT TEST		
---		
SLOTTED		
NO		
DATE ON LID		
11-3-13		
1/2 hp WFO5 HH		

#### PRE-CONSTRUCTION:

12/17/13 Very difficult conditions. Trees, dumpsters, vehicles all east of SRA and around tank location. Contour difficult to shoot. Surveyor did however have grade stakes for proposed trenches, shot elev. at that.

Install 2x70' trenches wrapping on contour starting from upper part of SRA going toward's existing drive, OK to pull up ports both away from ex. drive same. Keep tanks 20' from house. Approved

#### INSTALLATION:

12/18/13 site plan is incorrect! Call for crop. (KW)  
12/18/13 2" and P.O. set, running force main. No trenches started. SHE tie-in being made. OK to continue (KW) 12/19/13 Trenches installed. Dbox checked. Need P/A test for final approval (KW)

4/15/2014 Pump and alarm working. (BB)

FINAL INSPECTOR

B. Baker

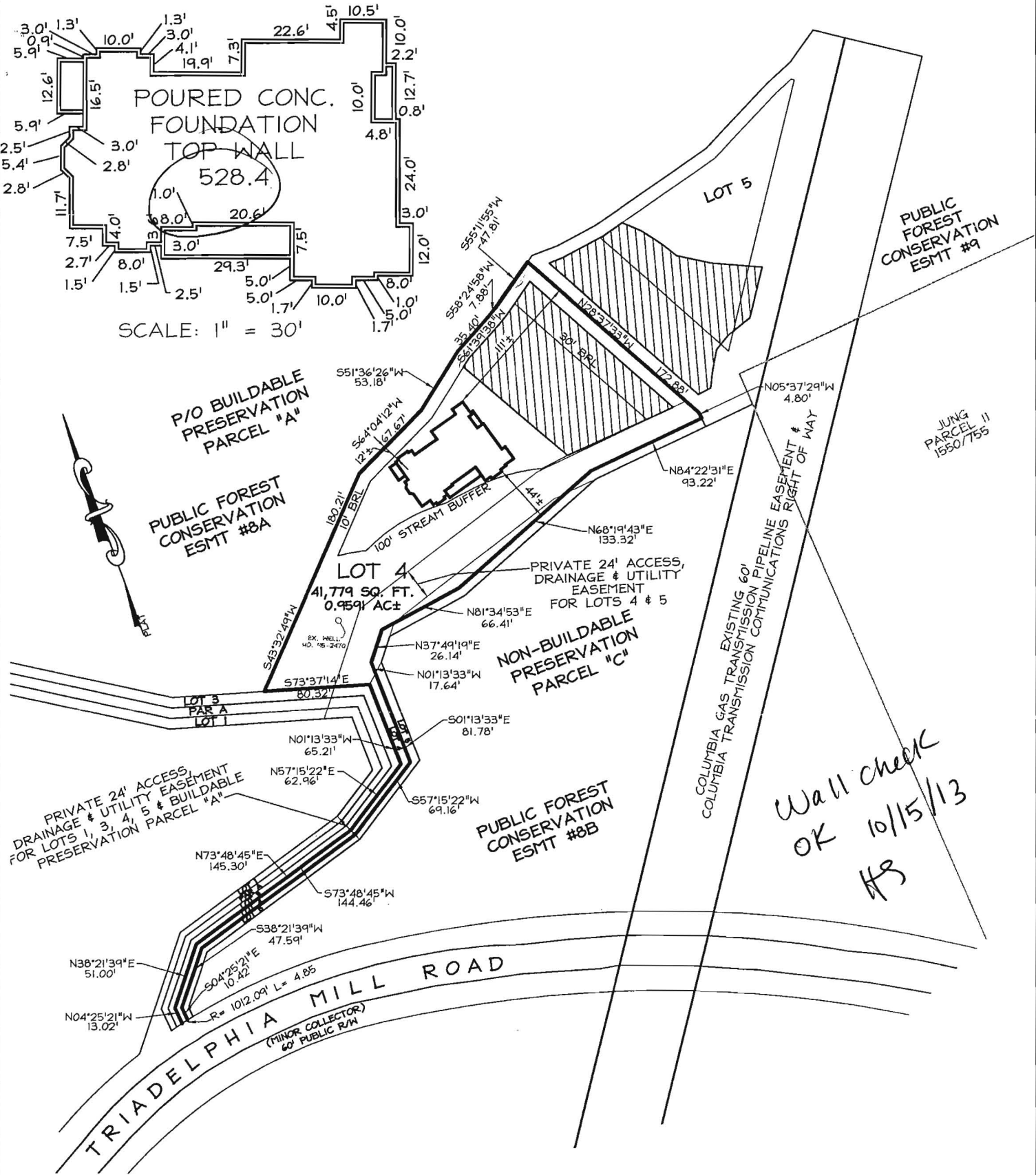
DATE OF APPROVAL

4/15/2014

PROPERTY KNOWN AS:  
#13520 TRIADELPHIA MILL RD.  
LOT 4, "HEDGEROW FARM"  
5th ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
PLAT #22366-68


FOUNDATION LOCATION DRAWING

THIS PLAT CAN NOT BE USED TO ESTABLISH  
PROPERTY LINES OR CORNERS.



PROFESSIONAL CERTIFICATION:

I hereby certify that these documents were prepared by me or under my responsible charge, and that I am a duly licensed professional land surveyor under the laws of the State of Maryland, License No. 5539, Expiration Date 7/28/2015.

CERTIFICATION	SEAL	SCALE: 1" = 100'	DATE: 9/30/2013
<p>This is to certify that I have surveyed the property known as: #13520 TRIADELPHIA MILL RD.</p> <p>The information shown has been established by current acceptable survey procedures and from available record information. This drawing is to be used for Title Transfer Financing, or Refinancing Only and IS NOT to be used for the Establishment of Property Lines, Location for Fences, Garages, Buildings, or other Existing or Future Improvements.</p>	 <p>Walter Park</p>	<p><b>LDE Inc.</b> Engineers • Surveyors • Planners Historic Carriage House 7520 Main Street • Suite 203 Sykesville, Maryland • 21784 (410)795-6391 • (410)795-6392 • FAX(410)795-9540 www.Landsurveyormd.com</p>	<p>DRAWING: MLS/BEI    JOB#:09-009.1</p>



# SEWAGE SYSTEM DESIGN DATA/LOT 4

- Invert at Foundation Wall: 519.50 Basement service
- 2000 Gallon Septic Tank (5 Bedrooms)  
Provide Manhole to Finished Grade
  - Ex. Ground Over Tank: 522.00
  - Prop. Grade Over Tank: 522.00
  - Invert In: 519.30
  - Invert Out: 519.00
- 2000 Gallon Pump Pit
  - Ex. Ground Over Pit: 524.00
  - Prop. Grade Over Pit: 522.00
  - Invert In: 518.80
  - Invert Out: 519.30
- Distribution Box: (Provide 3 Outlets Minimum)
  - Ex. Ground Over Box: 535.70
  - Prop. Grade Over Box: 535.70
  - Invert In: 532.70

NOTE: Trench design may be revised at time of installation based on site conditions.

# SEWAGE SYSTEM DESIGN DATA/LOT 5

- Invert at Foundation Wall: 525.50 Basement service
- 2000 Gallon Septic Tank (5 Bedrooms)  
Provide Manhole to Finished Grade
  - Ex. Ground Over Tank: 526.00
  - Prop. Grade Over Tank: 526.50
  - Invert In: 524.50
  - Invert Out: 524.20
- 2000 Gallon Pump Pit
  - Ex. Ground Over Pit: 527.00
  - Prop. Grade Over Pit: 527.00
  - Invert In: 524.00
  - Invert Out: 524.50
- Distribution Box: (Provide 3 Outlets Minimum)
  - Ex. Ground Over Box: 541.00
  - Prop. Grade Over Box: 541.00
  - Invert In: 538.00

NOTE: Trench design may be revised at time of installation based on site conditions

FOR LOTS 4 & 5

THE WELL SITE HAS BEEN STAKED BY LDE INC. ON 12/18/12 AND DOES NOT REQUIRE A SITE INSPECTION.

## NOTES/LOT 4 & 5

- The proposed septic system for this lot requires a pump.
- Pump chamber to be a minimum 1500 gallon top sealed pump pit with single effluent pump. pump shall be equipped with audible and visual alarm system for high water and pump malfunction. alarm system shall be installed on a separate electrical circuit. install check valves as required.
- Provide manhole cleanout to finished grade at proposed septic tank and the pump chamber.
- Details and specification of the proposed pump within the pump pit to be supplied by the contractor for review and approval by the Howard county health department prior to issuance of a septic permit.

B13001769

Approved Septic System Plan

Howard County Health Department

New Satt  
Signature

5/28/13  
Date

Date

