

LAYOUT 6/2/05 INSP 4 \_\_\_\_\_  
 INSP 2 6/2/05 INSP 5 \_\_\_\_\_  
 INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 6/1/05  
 APPROVAL DATE: 9/26/05

*pdv*  
 P 522503  
 A 516976

# PERMIT

TAX ID # 04-319109

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

WTC III Plumbing & Heating Inc. (Bill Cumberland) IS PERMITTED TO INSTALL  ALTER

ADDRESS: 1820 Gillis Falls Road Woodbine, MD 21797 PHONE NUMBER: 410-489-4457

SUBDIVISION: Middle Trail Estates LOT NUMBER: 19D

ADDRESS: 16357 Old Frederick Rd/ Edward Ln PROPERTY OWNER: Tatum

SEPTIC TANK CAPACITY (GALLONS): 1500 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS) 1250 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 3

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: per plan HOUSE SERVED BY PUBLIC WATER

*630ft<sup>2</sup> adsorption  
 700ft<sup>2</sup> installed  
 area total (NEEDED)*

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.5 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place distribution box outside of well radius and run three trenches on contour 9'CTC. Total trench length necessary is 160' for thee bedrooms, however, due to variable soils and severe rock pockets, excavate first system per plan. Run solid pipe through rock pockets if necessary.
NOTES:	CH1 is a confirmation test hole. Dig while sanitarian present before starting trenches. Call for trench inspection prior to filling in #2 stone in trenches.

PLANS APPROVED: KN Reviewed by: KN DATE: 5/1/05

NOTES: PERMIT VOID AFTER 2 YEARS  
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS  
 WATERTIGHT SEPTIC TANKS REQUIRED  
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED  
 MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED  
 CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

**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 ALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

*No ↑ in bedrooms due to poss areas of rock in 2nd system. (KN)*

A516976

TOTAL ABSORPTION AREA SYS I =  $700 \text{ ft}^2$  / 10357 OLD Fred.

NOT TO SCALE

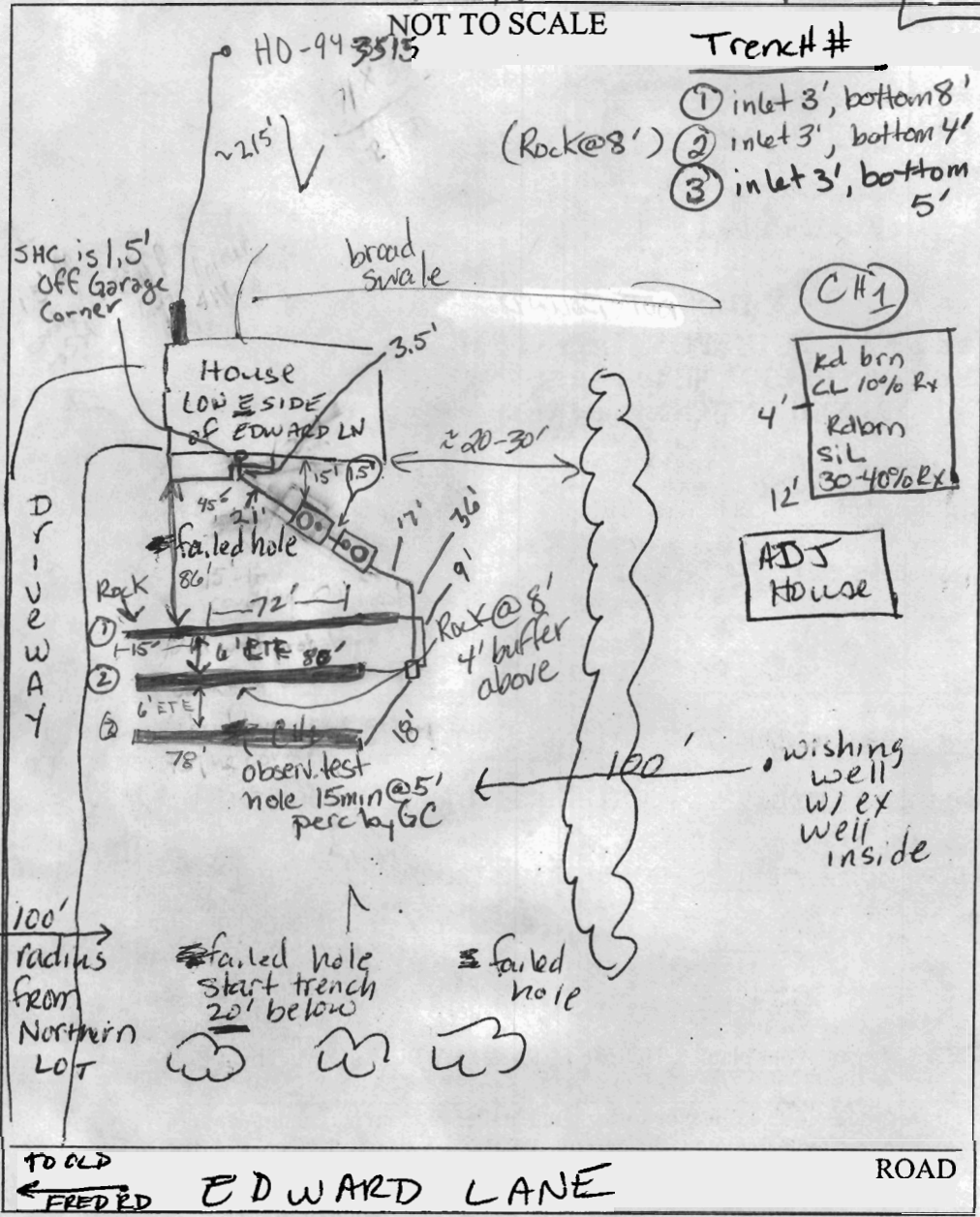
Trench #

- ① inlet 3', bottom 8'
- ② inlet 3', bottom 4'
- ③ inlet 3', bottom 5'

(Rock @ 8')

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3' all	3' all	8' 4" / 5'
NUMBER OF TRENCHES		3
TOTAL LENGTH		230'
ABSORPTION AREA		315, 700, 315 $\text{ft}^2$
DISTRIBUTION BOX LEVEL		Levelers
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		No

SEPTIC TANK DATA		
SEPTIC TANK 1 LEVEL Yes		
2	CAPACITY	1500 GAL
6	SEAM LOC	Top
m	TANK LID DEPTH	3'
f	BAFFLES	✓
t	BAFFLE FILTER	N/A
ment	MANHOLE LOC	FRONT
	6" PORT LOC	REAR
	WATERTIGHT TEST	N/A
SEPTIC TANK 2 LEVEL Yes		
	CAPACITY	1250 GAL
	SEAM LOC	Top
	TANK LID DEPTH	3 1/2'
	BAFFLES	✓
	BAFFLE FILTER	N/A
	MANHOLE LOC	REAR
	6" PORT LOC	FRONT
	WATERTIGHT TEST	N/A



TO OLD FRED EDWARD LANE ROAD

410-489-4457  
 PRE-CONSTRUCTION 6/2/05 Contractor to call surveyor. Well radii measured & marked for adj. lots, cable line marked & failed holes identified.  
 INSTALLATION Contractor to call when opening trenches (KRI Inlet @ 4 1/2').  
 IF CH1 supports 8' bottom trenches, with 4' tx zone avail, may deepen trench #1 (highest) another 6" 6/2/05 Cleanout to be on SHC @ inside wall. 3.5' coming out of house 45° to a 15' piece coupled to a 6' piece (21) Bill will prob. be backfill HC to allow bricklayers access to the corners. Tanks to be filled around sides but not covered. Dug test hole and rates were ok. (GAC) 6/6/05 Pockets Rx possible; found @ last 15' of trench #1 (driveway side); no pipe last 15', Trench #2 perc @ 8' 5gal less 1 min, soil above ok.  
 FINAL INSPECTOR Schulz A. Criverton DATE OF APPROVAL 9/26/05  
 3rd trench to be installed later this week. OK to cover well here, however, Seal @ house. (KRI) 6/21/2005 3rd trench ok. Told Bill to put T cleanout before D-Box. (GAC) Alarm OK (Circuits 9 & 11) 2 pumps O.K. (GAC)

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## TAX ID #

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NUMBER OF BEDROOMS: 3

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*630ft<sup>2</sup> absorption  
reg'd*

LINEAR FEET OF TRENCH REQUIRED: per plan HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.5 feet below original grade. 2.0 feet of stone below distribution pipe.
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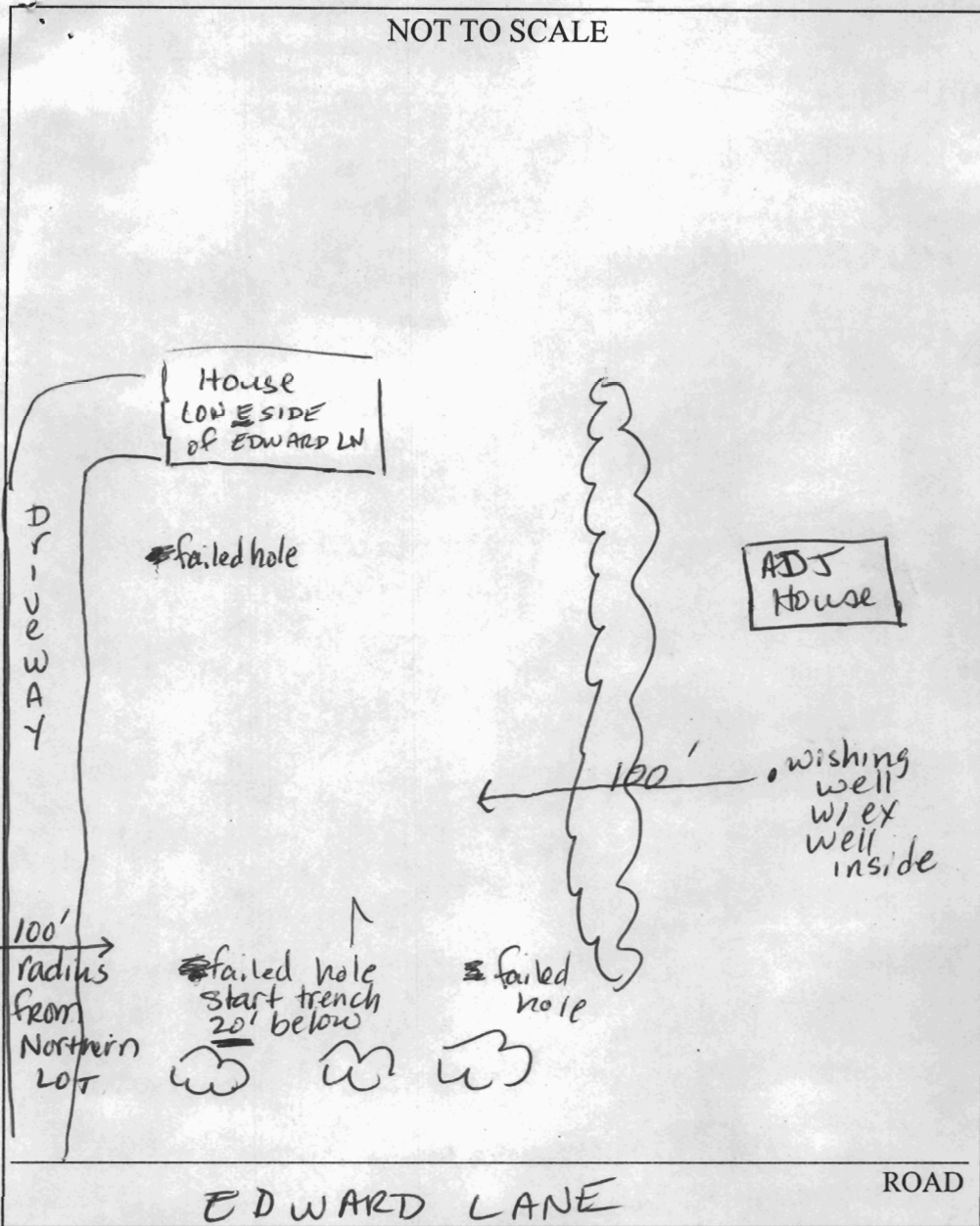
PLANS APPROVED: \_\_\_\_\_ Reviewed by: \_\_\_\_\_ DATE: \_\_\_\_\_

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 ALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

16357 OGD Fred.

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 \_\_\_\_\_

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

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

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

BAFFLES \_\_\_\_\_

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

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

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

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

SEPTIC TANK 2 LEVEL \_\_\_\_\_

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

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

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

BAFFLES \_\_\_\_\_

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

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SEE BACK FOR GABES TEST HOLE  
P

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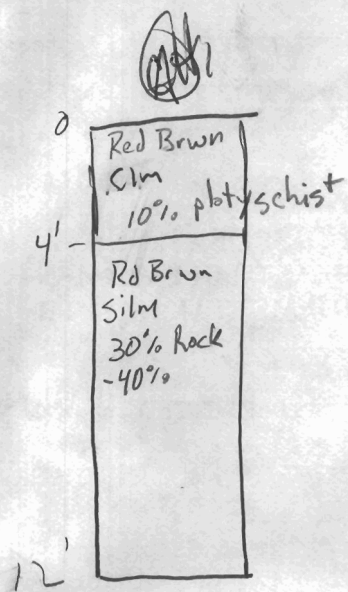
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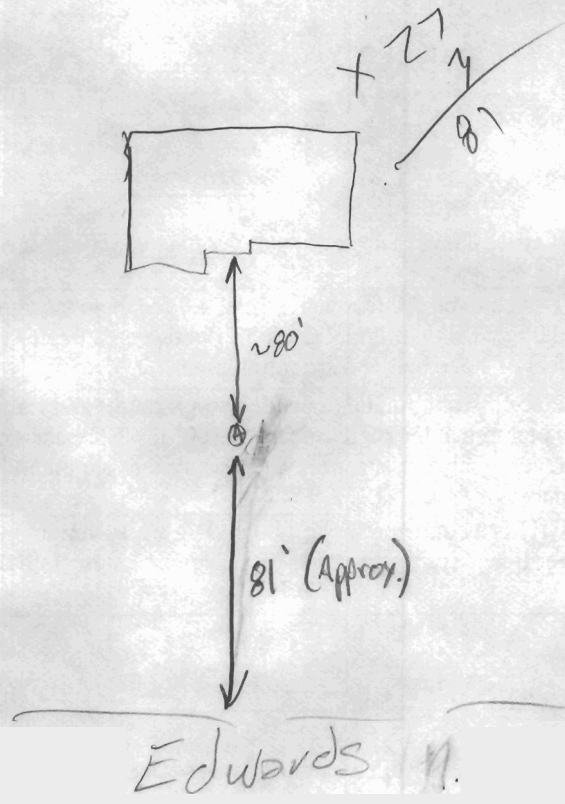
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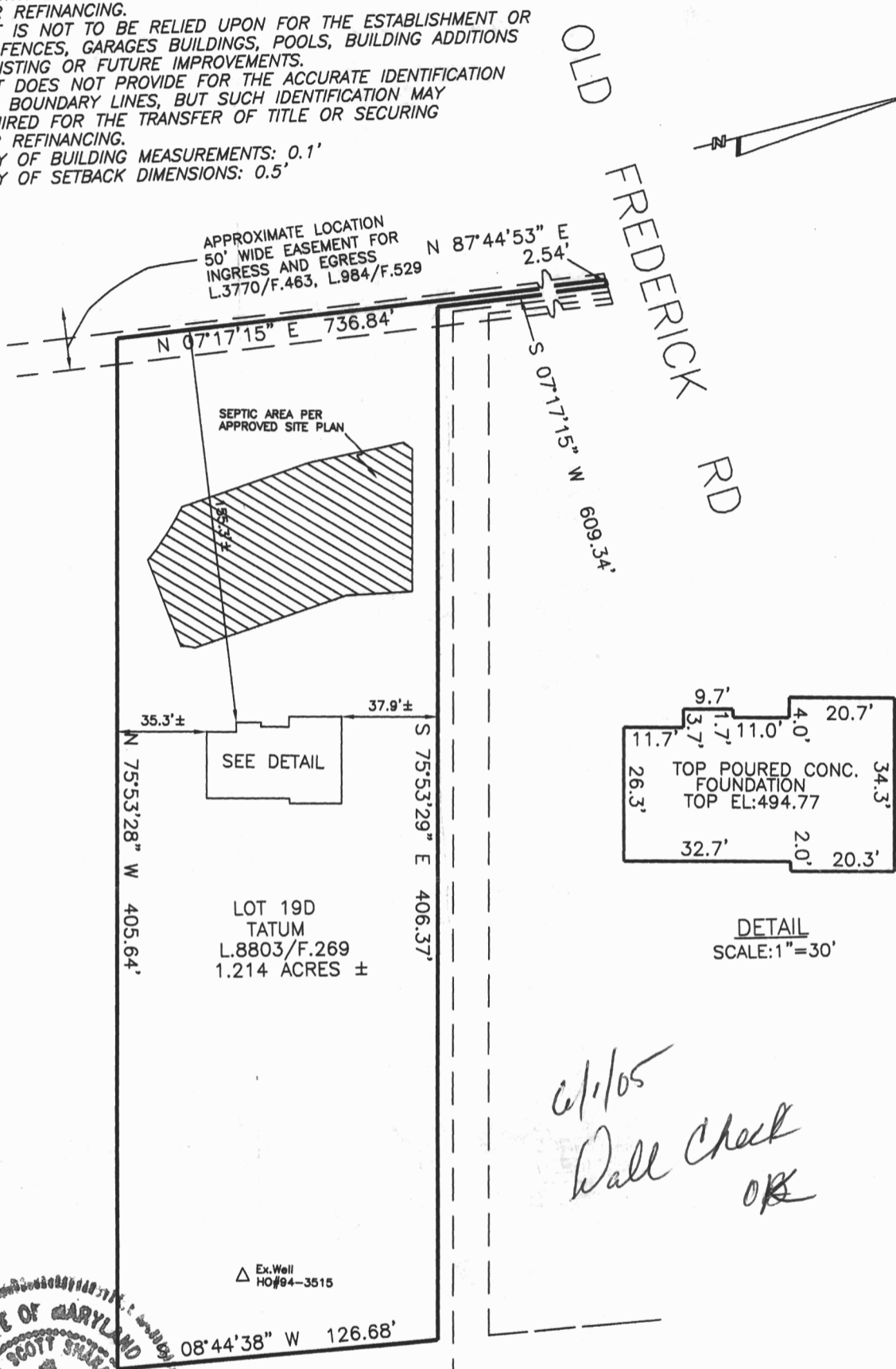
Pour 1st 2nd P/R  
 5/12 1:35 1:49 2:06 P



**NOTES:**

1. THIS PLAT IS OF BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING, OR REFINANCING.
2. THIS PLAT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES BUILDINGS, POOLS, BUILDING ADDITIONS OR OTHER EXISTING OR FUTURE IMPROVEMENTS.
3. THIS PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR REFINANCING.
4. ACCURACY OF BUILDING MEASUREMENTS: 0.1'
5. ACCURACY OF SETBACK DIMENSIONS: 0.5'

THE PROPERTY SHOWN HEREON LIES IN ZONE C AS SHOWN ON FLOOD INSURANCE RATE MAP NO: 240044 0002B DATED: DEC. 4, 1986



*6/1/05*  
*Wall Check*  
*OK*



I HEREBY CERTIFY THAT I HAVE LOCATED THE IMPROVEMENTS AS SHOWN ON THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY AND CANNOT BE USED TO ESTABLISH PROPERTY LINES OR CORNERS.

*Gregory Scott Shaberger*

**SHANABERGER & LANE**  
8726 TOWN AND COUNTRY BLVD.  
SUITE 201  
ELLCOTT CITY, MD. 21043  
(410)461-9563 FAX:461-9693

FOUNDATION LOCATION DRAWING  
LOT 19D  
PROPERTY OF  
**ROSS S. & DEBORAH L. TATUM**

ELECTION DISTRICT: 4TH  
DEED REFERENCE: L.8803/F.269  
COUNTY: HOWARD  
SCALE: 1"=60'  
DATE: MAY 19, 2005  
DATE OF LATEST FIELD WORK: 5/4/05

