

04367650

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

ISSUE DATE: 7/22/2004

P 520803

APPROVAL DATE: 11/9/04

A 515227-A

# PERMIT INDEXED

**ON-SITE SEWAGE DISPOSAL SYSTEM  
HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MD 21043**

**04-367650**

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL  ALTER

ADDRESS: 580 Obrecht Rd, Sykesville PHONE NUMBER: 410-795-5670

SUBDIVISION: Waterford Farms LOT NUMBER: 2

ADDRESS: 3121 Lorenzo Lane PROPERTY OWNER: Toll MD 2

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

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 5

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 180 HOUSE SERVED BY PUBLIC WATER

*Repair Area  
Decreased  
Rock Extending  
Into Lower Corner  
of Septic Easement*

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 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box at the highest staked SDA corner closest to the house. Run (2) 90' trenches on contour away from house.
NOTES:	Septic tank and pump chamber to have 18-36" finished cover.

*Tanks Had to Be  
Installed in Septic  
Easement.*

PLANS APPROVED: MER DATE: 1/30/04

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

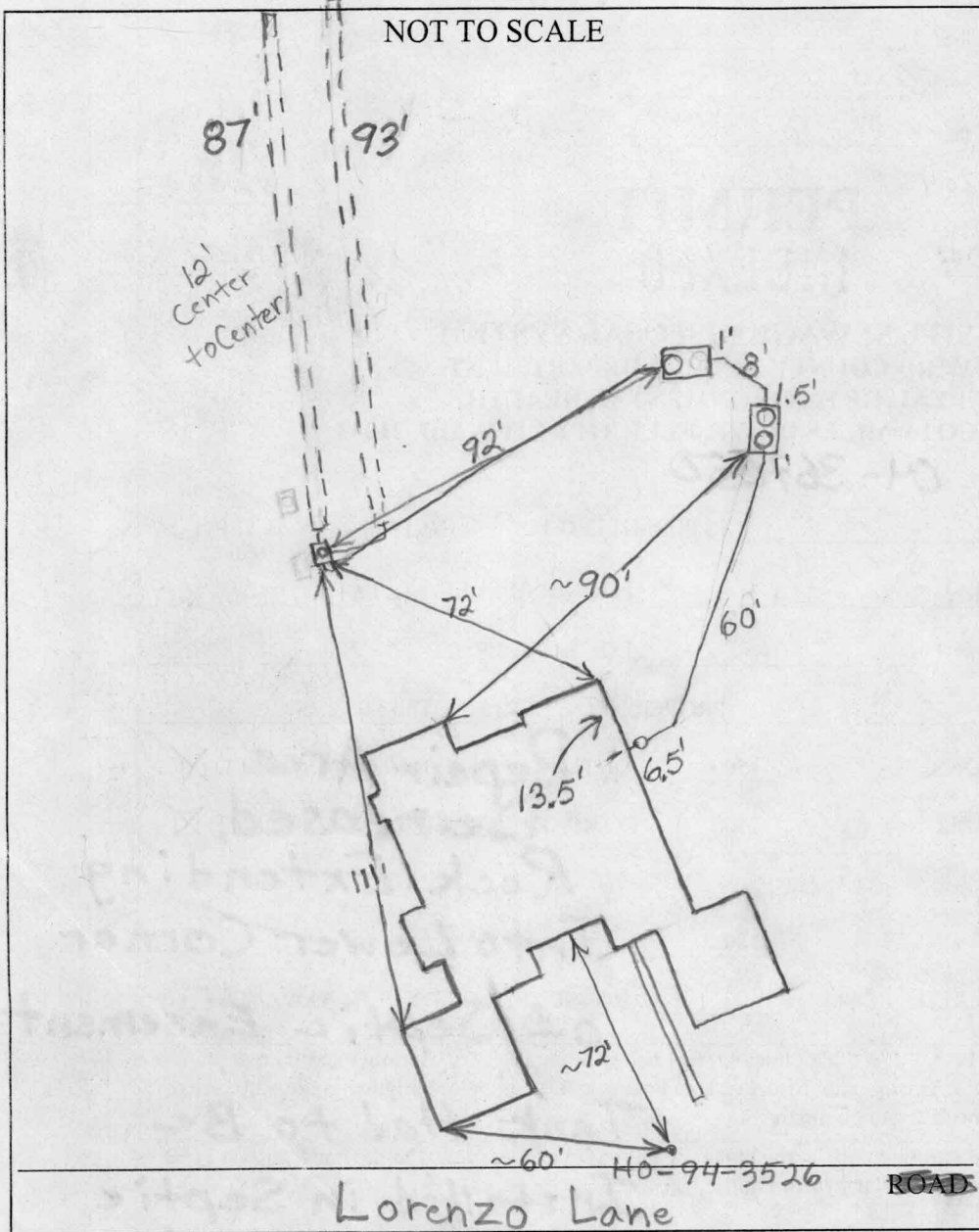
**NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS  
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM  
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT  
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

**BUILDING PERMITS ~~SIGNED~~ HAVE ANY REQUEST FOR INSPECTION ON VOICEMAIL**

**AND RETURNED**

*3/15/06 800158547 - Deek*

A 515227-A



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	6'
NUMBER OF TRENCHES		2
TOTAL LENGTH		180'
ABSORPTION AREA		540 + Sidewalk
DISTRIBUTION BOX LEVEL		Levelers
DISTRIBUTION BOX BAFFLE		90° Elbow
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	✓
2-Comp. CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1'-1.5'
BAFFLES	Yes
BAFFLE FILTER	Yes
MANHOLE LOC	Front + Back
6" PORT LOC	None
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL	✓
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	2'-2.5'
BAFFLES	None
BAFFLE FILTER	No
MANHOLE LOC	Back
6" PORT LOC	None
WATERTIGHT TEST	No

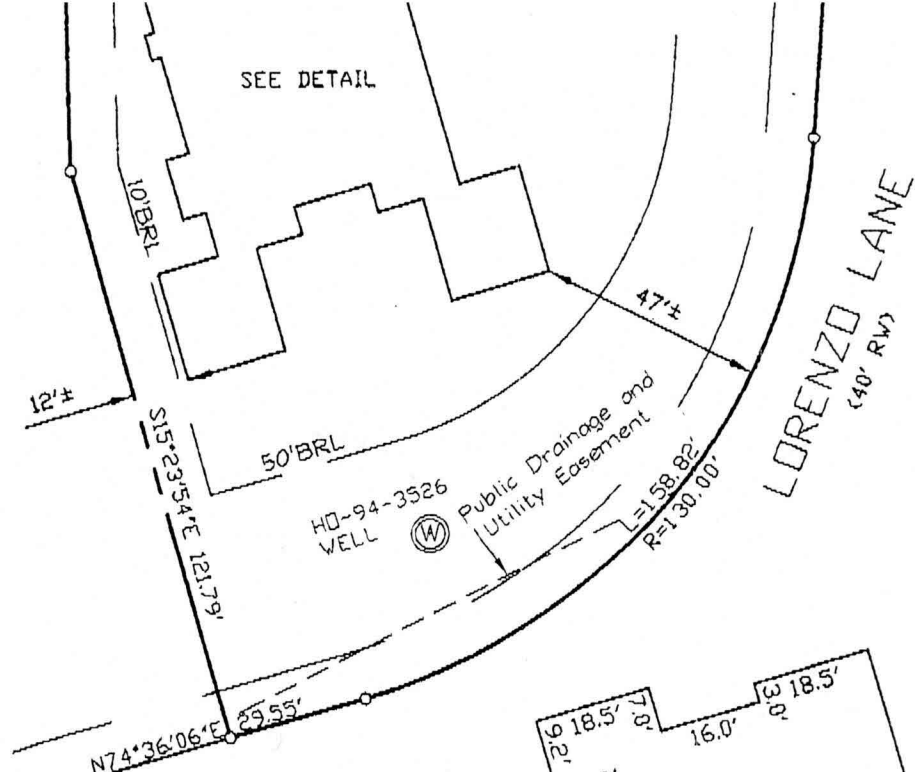
PRE-CONSTRUCTION 8/6/04 - SRA stated, contour accurate, Install per BP. (50) 8/11/04 Bedrock at 2' was encountered where tanks were supposed to be installed. The rock extended to the bottom of the septic easement. So part of this area is unusable. Did finally find good area to put tanks in bottom corner of easement on side closest to house. Beware of rock near lower area when repairs are done. Need pump and alarm test. (BB) 11/9/04

Pump + ALARM TEST O.K. (R.Y) 11/9/04 System finalized.

FINAL INSPECTOR Brian Baker

DATE OF APPROVAL 11/9/04

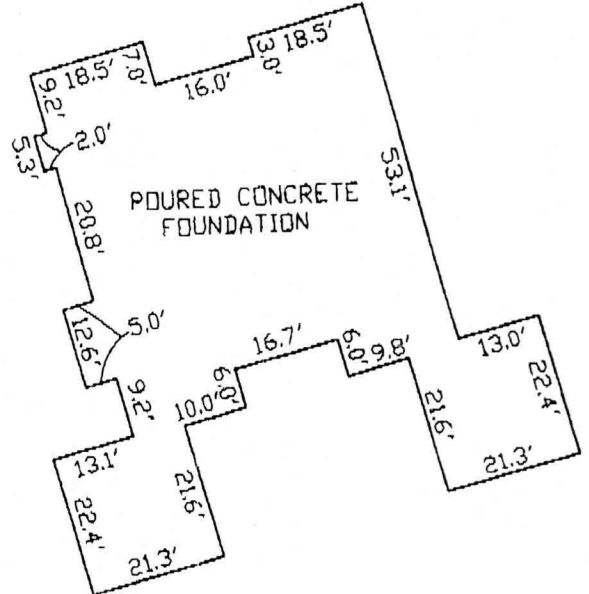




TOP OF FOUNDATION WALL ELEVATION = 553.4'

**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 05/27/04 ; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY FSH ASSOCIATES, INC. ENTITLED " WATERFORD FARMS LOTS 1 THRU 45 ", AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No.16164



~FOUNDATION DETAIL'  
SCALE: 1" = 30'

*David M. Harris*

DAVID M. HARRIS  
REGISTERED PROFESSIONAL LAND SURVEYOR  
MD REG. No. 10978  
FOR BENCHMARK ENGINEERING, INC.  
MD REG. No. 351  
RECORD PLAT No. 16164  
FEMA FIRM No. 240044 0013 B  
ZONE: C  
DATED: 12/04/86



**BENCHMARK**  
ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE & SUITE 418  
ELIJAH CITY, MARYLAND 21043  
PHONE: 410-483-8105 A / FAX 410-483-8844  
EMAIL: Benchmark@oolite.com

WALL CHECK  
**WATERFORD FARMS**  
**LOTS 1 THRU 45**  
LOT No. 2  
3121 LORENZO LANE  
4TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE: 1" = 40' DATE: 05/27/04