

LAYOUT 6/9/04 10:00 INSP 4 \_\_\_\_\_  
 INSP 2 6/17 INSP 5 \_\_\_\_\_  
 INSP 3 6/18 INSP 6 \_\_\_\_\_

ISSUE DATE: 5/18/2004

P 520366

APPROVAL DATE: 6/18/04

A 515227-N

# 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 - 367790

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL  ALTER

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

SUBDIVISION: Waterford Farm LOT NUMBER: 15

ADDRESS: 3199 Lorenzo Lane PROPERTY OWNER: Toll MD II, LLP

SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED   
**WITH EFFLUENT FILTER**

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 170 HOUSE SERVED BY PUBLIC WATER

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:	Place the distribution box as shown on the approved building permit plan.
NOTES:	Effluent filter must be installed prior to septic system approval.

PLANS APPROVED: John A. Boris DATE: 1/28/04

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

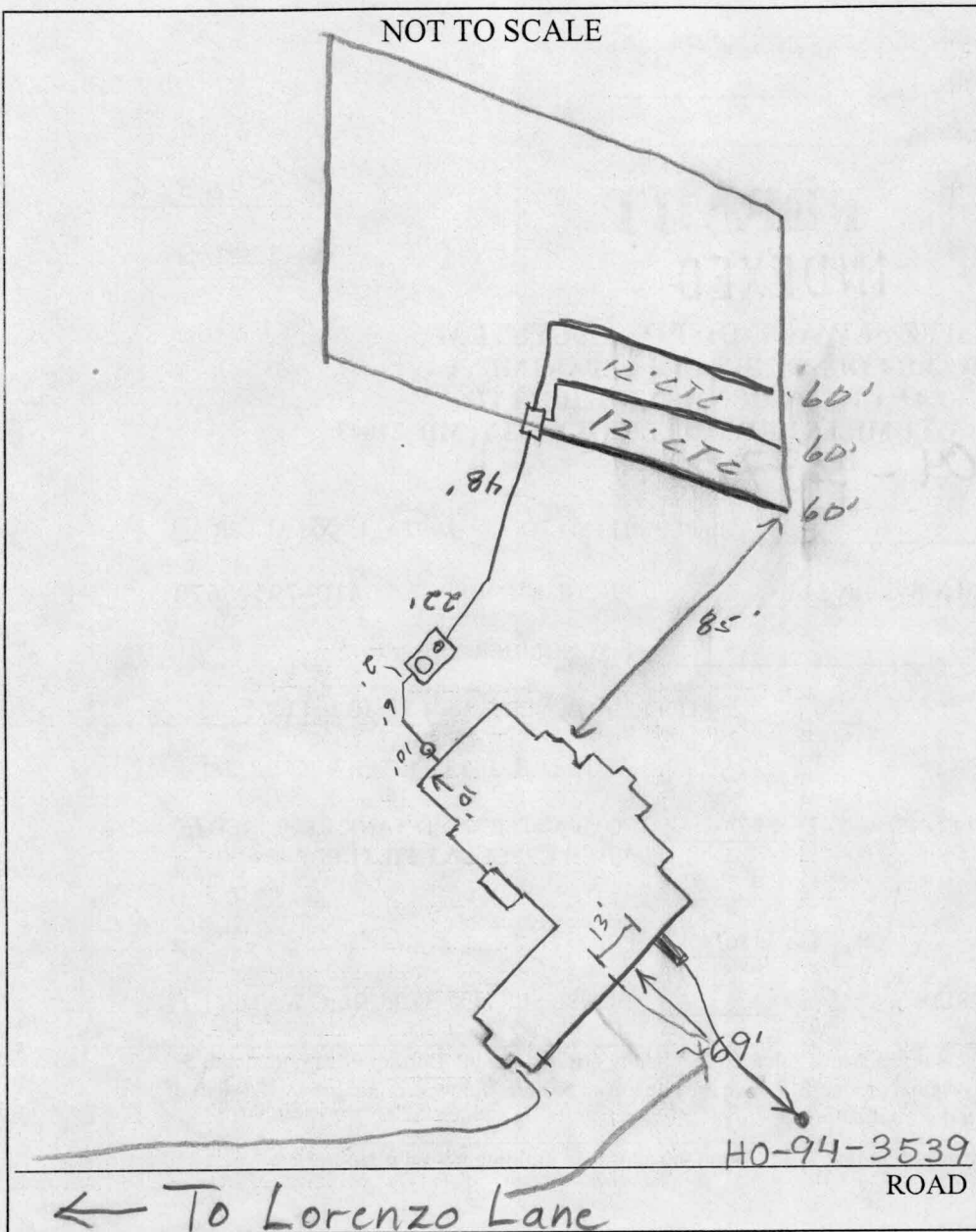
**NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS  
 RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM  
 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT  
 CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

**DO NOT LEAVE ANY REQUEST FOR INSPECTION ON VOICEMAIL**

**BUILDING PERMIT SIGNED  
 AND RETURNED**

3-805 BOD 152547-DECK

A515227-N



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3'	5'
NUMBER OF TRENCHES		3
TOTAL LENGTH		180'
ABSORPTION AREA		540 $\text{ft}^2$
DISTRIBUTION BOX LEVEL		<input checked="" type="checkbox"/>
DISTRIBUTION BOX BAFFLE		<input checked="" type="checkbox"/>
DISTRIBUTION BOX PORT		<input type="checkbox"/>

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	<input checked="" type="checkbox"/>
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input checked="" type="checkbox"/>
MANHOLE LOC	Front
6" PORT LOC	Back
WATERTIGHT TEST	<input checked="" type="checkbox"/>
SEPTIC TANK 2 LEVEL	<input type="checkbox"/>
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

PRE-CONSTRUCTION 6/9/04 Area staked. To install distribution box near the center of the top of the easement. Run three  
 INSTALLATION ~60' trenches toward one side of the easement. Reminded Trogles (Justin) of the 2 compartment tank and effluent filter requirements. (BB) 6/17/04 - Tank set, 1st trench installed OK to cover (SO) 6/18/04 - Last two trenches installed OK to cover all work (SO)

FINAL INSPECTOR

*[Signature]*

DATE OF APPROVAL

6/18/04

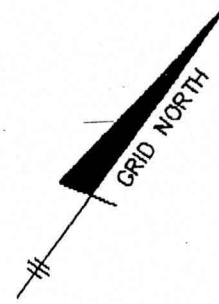
BUILDING PERMIT SIGNED AND RETURNED

10' PUBLIC TREE MAINTENANCE AND UTILITY EASEMENT

LORENZO LANE  
PUBLIC ACCESS PLACE  
50' R/W

$\theta = 5.17^\circ$   
 $R = 50.00'$

5/19/04  
Wall Check OK



Use-In-Common Access Easement Over Lot 16 for the Use and Benefit of Lot 17

24' Use-In-Common Access Easement for Lots 13-17

PRIVATE DRAINAGE AND UTILITY EASEMENT (WIDTH VARIES)

LOT 14

LOT 16

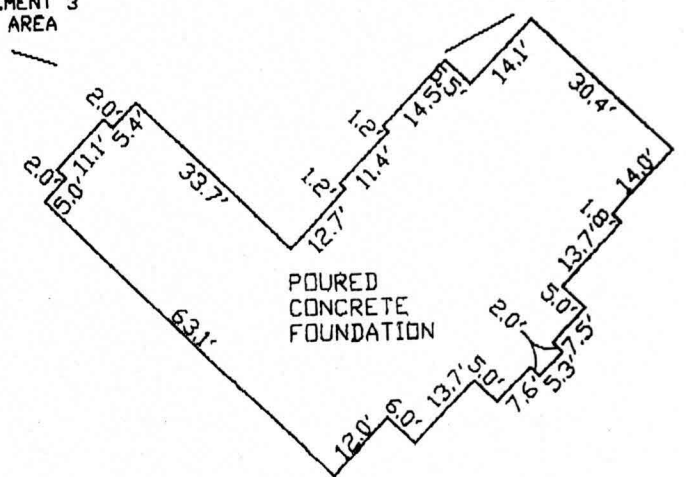
LOT 15

PUBLIC FOREST CONSERVATION EASEMENT 3 AND ENVIRONMENTAL CONSERVATION AREA

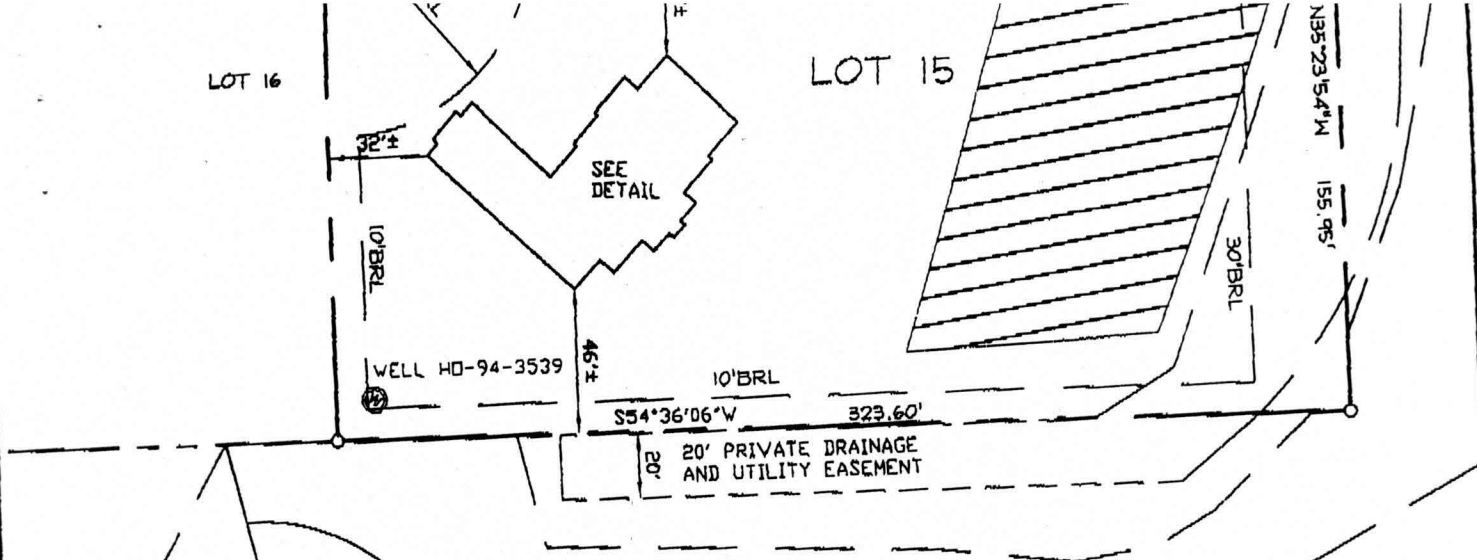
TOP OF FOUNDATION WALL ELEVATION = 515.9'  
OFFSET DIMENSIONS TO PROPERTY LINES ARE  $\pm 1'$

**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 03/25/04; 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

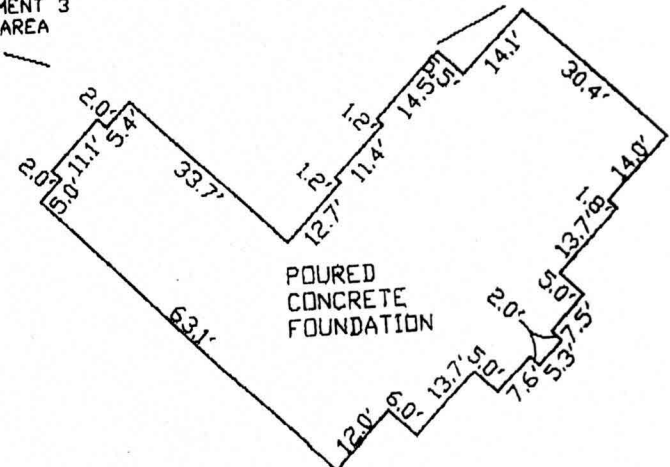


PUBLIC FOREST CONSERVATION EASEMENT 3  
AND ENVIRONMENTAL CONSERVATION AREA

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OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 1'

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**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.

8180 BALTIMORE NATIONAL PIKE & SUITE 416  
ELLCOTT CITY, MARYLAND 21043  
PHONE: 410-488-8100 & FAX: 410-485-8844  
EMAIL: Benchmark@earth.com

**WALL CHECK**

**WATERFORD FARMS**  
**LOS 1 THRU 45**

LOT No. 15

3199 LORENZO LANE

4TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE: 1" = 60' DATE: 03/25/04