

LAYOUT 6/22/04 1:00 PM INSP 4 \_\_\_\_\_  
 INSP 2 6/23/04 INSP 5 \_\_\_\_\_  
 INSP 3 9/27/04 10:00 INSP 6 \_\_\_\_\_

ISSUE DATE: 6/21/2004

APPROVAL DATE: 9/28/04

**PERMIT  
INDEXED**

P 520432

A 515227

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

**04-367642**

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL  ALTER

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

SUBDIVISION: Waterford Farms LOT NUMBER: 1

ADDRESS: 3115 Lorenzo Lane PROPERTY OWNER: Toll MD 2

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

PUMP CHAMBER CAPACITY (GALLONS): 1250 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 150 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 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box in the center of the high edge of the staked SDA. Run (3) 50' trenches on contour in either direction.
NOTES:	Septic tank and pump chamber to have 18-36" finished cover.

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

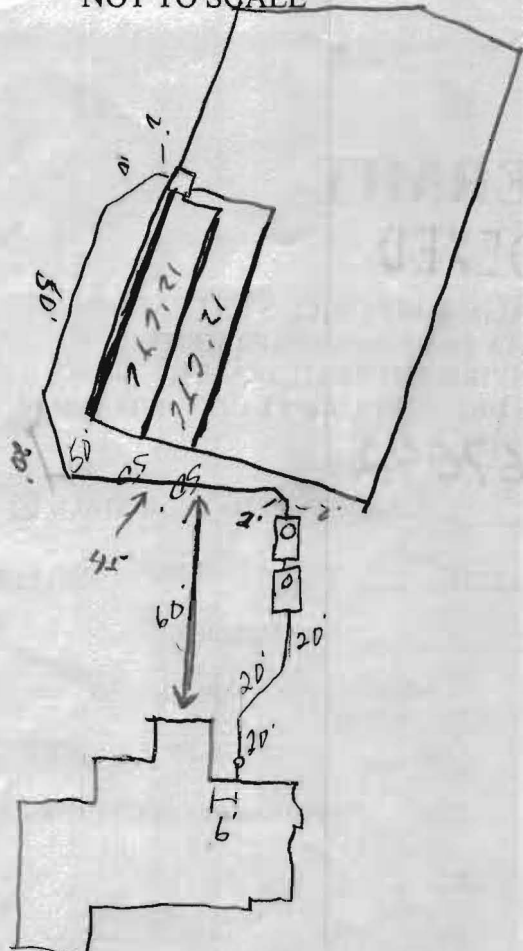
**NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS  
 RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM  
 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

**BUILDING PERMIT SIGNED AND RETURNED**  
 CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM  
 DO NOT LEAVE ANY REQUEST FOR INSPECTION ON VOICEMAIL

4/19/06 BCO159108-DECK

A515227

NOT TO SCALE



40-94-3525

Lorenzo Lapa

ROAD

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	6'
NUMBER OF TRENCHES		3
TOTAL LENGTH		150'
ABSORPTION AREA		450 <del>sq</del>
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	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	1.5'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input checked="" type="checkbox"/>
MANHOLE LOC	<input type="checkbox"/>
6" PORT LOC	Back
WATERTIGHT TEST	<input type="checkbox"/>
SEPTIC TANK 2 LEVEL	<input checked="" type="checkbox"/>
Comp CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	9.5'-2'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input type="checkbox"/>
MANHOLE LOC	Back
6" PORT LOC	<input type="checkbox"/>
WATERTIGHT TEST	<input type="checkbox"/>

PRE-CONSTRUCTION 6/22/04 - SRA started, contours accurate. OK to install 1500 gal P.T. Install system per B.P. (SO)

INSTALLATION 6/23/04 - One trench installed (SO)

6/24/04 - System installed. Needs S.T. manhole & D.B. port OK to cover. Needs pump & alarm tests (SO)

9/27/04 Pump working. Alarm not installed. (BB) 9/28/04 Both alarm and pump are working. (BB)

Inspector

443-277-1021

BUILDING PERMIT SIGNED AND RETURNED

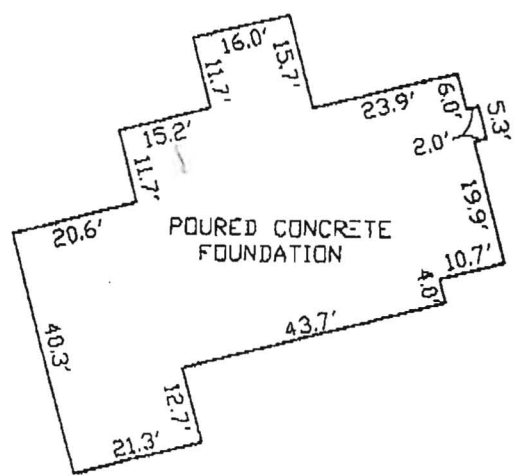
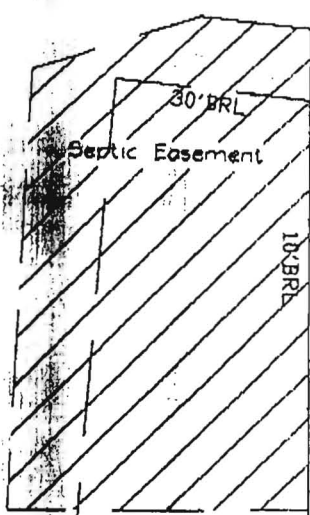
FINAL INSPECTOR B. Baker

DATE OF APPROVAL 9/28/04

LAND DEDICATED TO HOWARD COUNTY, MARYLAND FOR THE PURPOSE OF A PUBLIC ROAD.

VEHICULAR INGRESS AND EGRESS IS RESTRICTED

N85°23'54"W 135.58' LOT 3



~FOUNDATION DETAIL~  
SCALE: 1" = 30'

DAISY ROAD  
(MAJOR COLLECTOR)  
(PUBLIC COUNTY ROAD)

S03°36'34"W 269.22'

LOT 1

75' BRL

SEE DETAIL

10' BRL

50' BRL

HQ-94-3525

LOT 2

PUBLIC DRAINAGE AND UTILITY EASEMENT

PUBLIC FOREST CONSERVATION EASEMENT 1 AND ENVIRONMENTAL CONSERVATION AREA

10' PUBLIC TREE MAINTENANCE AND UTILITY EASEMENT

LORENZO LANE  
(40' R/W)

*6/21/04*  
*will check*  
*OK.*  
*(FJB)*

**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 05/18/04; 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

TOP OF FOUNDATION WALL ELEVATION = 562.1'

*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



WALL CHECK  
WATERFORD FARMS  
LOTS 1 THRU 45  
LOT No. 1

3115 LORENZO LANE  
4TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE: 1" = 30' DATE: 05/18/04

**BENCHMARK**  
ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE & SUITE 418  
ELLCOTT CITY, MARYLAND 21043  
phone: 410-483-8105 A fax: 410-483-8844  
email: Benchmark@state.com