

04367766

LAYOUT 6/20/04-10 INSP 4 _____
INSP 2 6/29/04-1:30 INSP 5 _____
INSP 3 6/30/04 INSP 6 _____

ISSUE DATE: 6/24/2004

P 520440

APPROVAL DATE: _____

A 515227-K

PERMIT INDEXED

ON-SITE SEWAGE DISPOSAL SYSTEM HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH 04-367766

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL ALTER

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

SUBDIVISION: Waterford Farms LOT NUMBER: 12

ADDRESS: 3181 Lorenzo Lane PROPERTY OWNER: Toll MD II, LP

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

PUMP CHAMBER CAPACITY (GALLONS): 1250 COMPARTMENTED TANK REQUIRED
WITH EFFLUENT FILTER

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 174 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 sidewall area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe. (Shallow system only 5' bottom or less).
LOCATION:	Place the distribution box at the highest useable part of the SDA.
NOTES:	Main 9' edge to edge trench separation. Maintain 2% fall for 10' prior to tank. Effluent filter required.

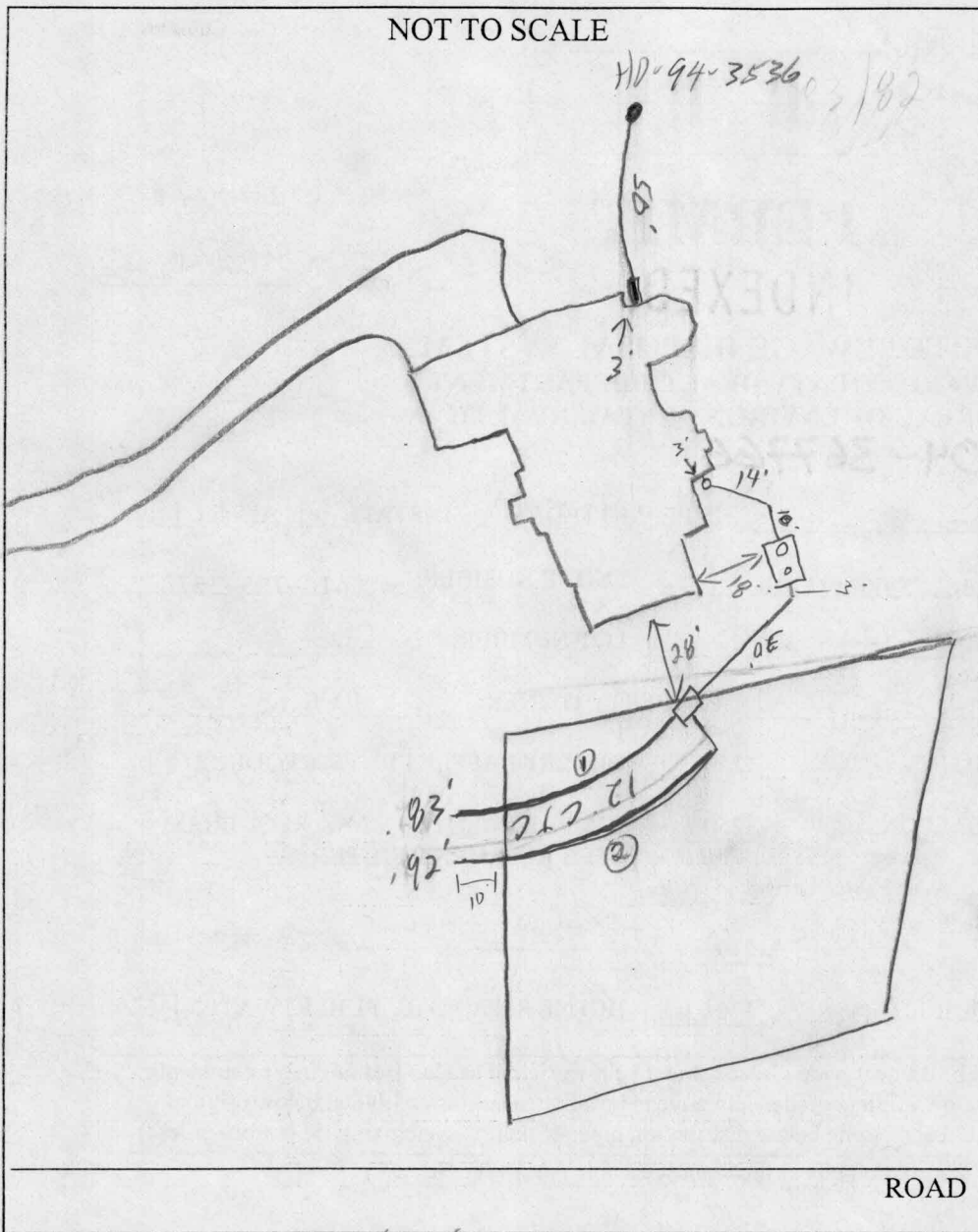
PLANS APPROVED: John A. Boris Reviewed by: _____ DATE: 2/12/04

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
ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

A515227-K

NOT TO SCALE



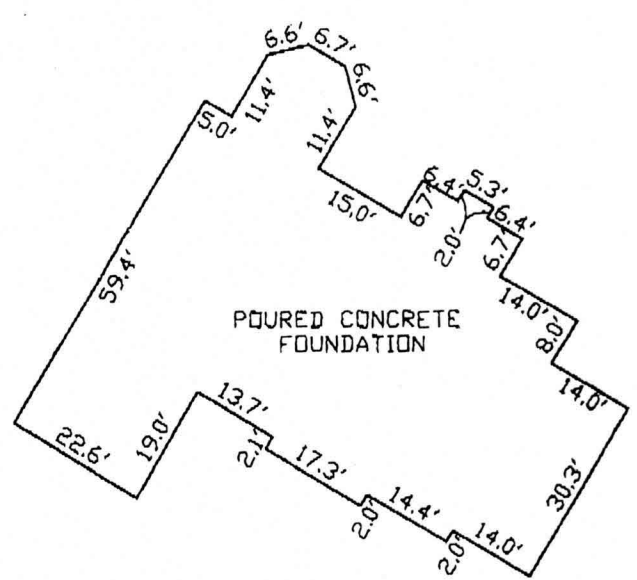
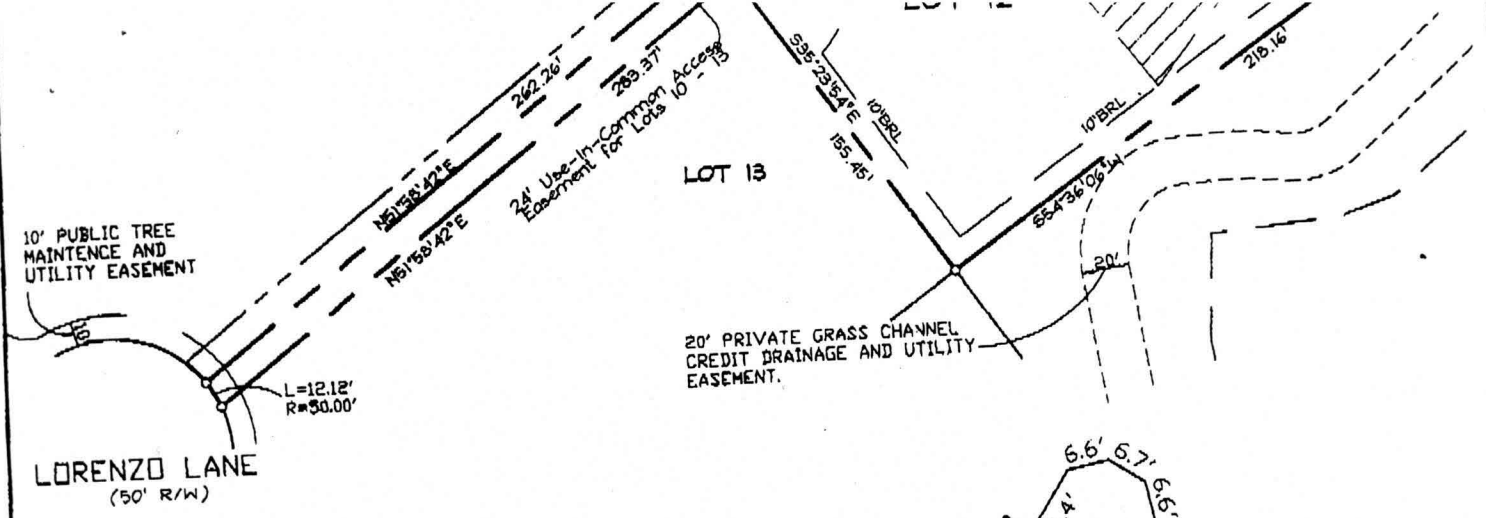
TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3	3.5/3	5.5/5
NUMBER OF TRENCHES		2
TOTAL LENGTH		175'
ABSORPTION AREA		5254
DISTRIBUTION BOX LEVEL		<input checked="" type="checkbox"/>
DISTRIBUTION BOX BAFFLE		<input checked="" type="checkbox"/>
DISTRIBUTION BOX PORT		<input type="checkbox"/>

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	<input checked="" type="checkbox"/>
Capacity	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	2.5'
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	
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

PRE-CONSTRUCTION 6/28/04 - SRA staked, contours accurate. House conn. higher than B.P. Place D.B. in middle of SRA. If 1st trench can be

INSTALLATION installed at 3.5 Invert OK to put in on gravity. 40' / 60' / 30' trenches, 12' CTC (SO) 6/29/04 - Tank set, OK to cover (SO). 6/30/04 - Contn was able to get system on gravity w/ 2 trenches. OK to cover all work (SO)

FINAL INSPECTOR [Signature] DATE OF APPROVAL 6/30/04



TOP OF FOUNDATION WALL ELEVATION = 507.2'
 OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 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 04/28/04; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY BENCHMARK INC. FSH ASSOCIATES INC. ENTITLED "WATERFORD FARMS LOTS 1 THRU 45", AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No.16164

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 PKWY & SUITE 118
 GAITHERSBURG CITY, MARYLAND 21043
 phone: 410-485-8100 & fax: 410-485-8844
 email: Benchmark@earthlink.com

~FOUNDATION DETAIL'
 SCALE: 1" = 30'

WALL CHECK

WATERFORD FARMS
LOTS 1 THRU 45

LOT No. 12

3181 LORENZO LANE

4TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SCALE: 1" = 80' DATE: 04/28/04