

LAYOUT 8/5/04 INSP 4 9/2/04
 INSP 2 8/6/04 INSP 5 _____
 INSP 3 8/9/04 INSP 6 _____

ISSUE DATE: 7/28/2004 P 520803

APPROVAL DATE: 10/20/04 TAX ID # 04-367839 A 515227-R

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

INDEXED

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL ALTER

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

SUBDIVISION: Waterford Farm LOT NUMBER: 19

ADDRESS: 3170 Lorenzo Lane PROPERTY OWNER: Toll MD II, LLP

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

PUMP CHAMBER CAPACITY (GALLONS): ~~1250~~ N/A COMPARTMENTED TANK REQUIRED
WITH EFFLUENT FILTER

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: ~~174~~ 126 HOUSE SERVED BY PUBLIC WATER 7.5

TRENCHES:	Trench to be 3.0 feet wide. Inlet <u>3.0</u> feet below original grade. Bottom maximum depth <u>5.0</u> feet below original grade. Effective area begins at 3.0 feet below original grade. <u>2.0</u> feet of stone below distribution pipe. (Shallow system only) <u>3.5</u>
LOCATION:	Place the distribution box at the highest elevation. Run trenches on contour.
NOTES:	Effluent filter must be installed prior to septic system approval.

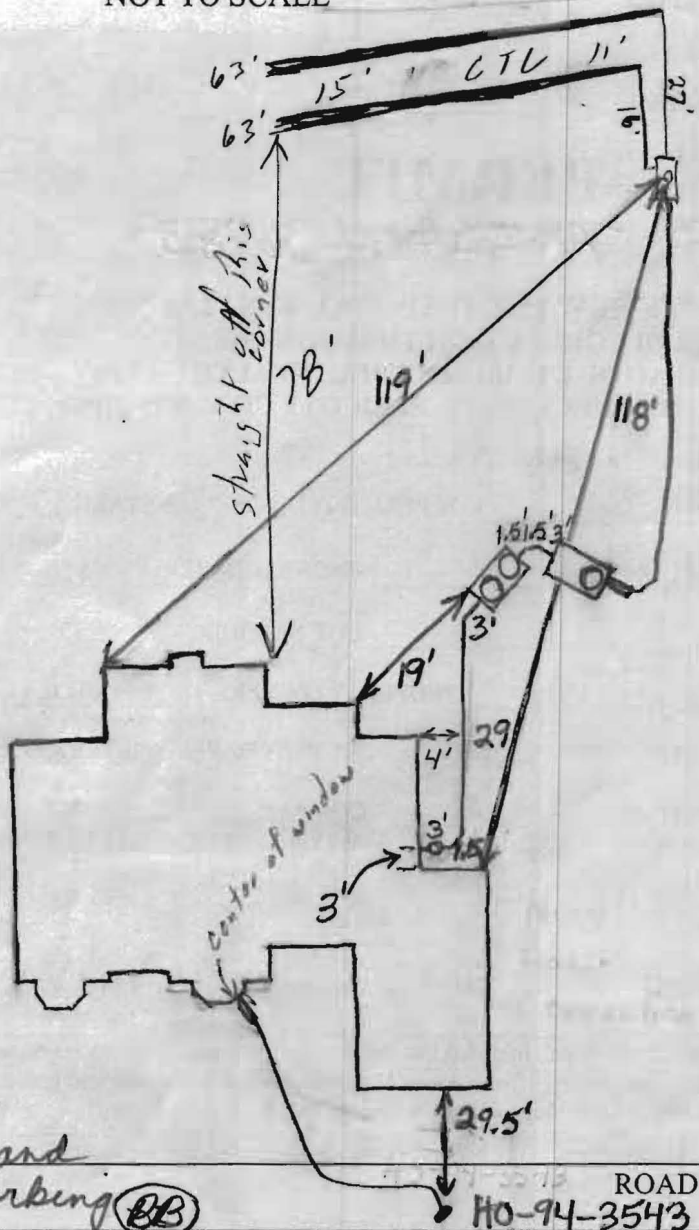
PLANS APPROVED: John A. Boris DATE: 1/28/04

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

1515227-R

NOT TO SCALE



10/20/04 Pumps and Alarm Working (BB)

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	7.5'
NUMBER OF TRENCHES		2
TOTAL LENGTH		126
ABSORPTION AREA		
DISTRIBUTION BOX LEVEL		✓
DISTRIBUTION BOX BAFFLE		✓
DISTRIBUTION BOX PORT		✓

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	✓
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1 1/2'
BAFFLES	Yes
BAFFLE FILTER	Yes
MANHOLE LOC	Front + Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL	✓
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	2'-3'
BAFFLES	None
BAFFLE FILTER	No
MANHOLE LOC	Rear
6" PORT LOC	None
WATERTIGHT TEST	No

PRE-CONSTRUCTION 8/5/04 - SRA staked, contours NOT accurate
 Area cut out of SRA around the back of the house
 INSTALLATION Now not usable. Install (2) 62' & (1) 50 trench
 on best contours (SO) 8/6/04 - Disc w/ J.B. area cut out. Job
 shut down, want area re priced (SO) 8/9/04 Tanks set. Need
 house connection. Didn't have file in field. (BB) 8/27/04 see below
 9/2/04 - Field van topo submitted, JB & SO met w/ Wrs of Toll Bros,
 changed specs to use less area w/ same ft (SO) 9/2/04 - Met w/
 contr. to disc. new specs, OK to start (SO) 9/2/04 Trenches installed, soils
 look good OK to cover, contr. to supply F. 17 lengths (SO)

FINAL INSPECTOR B. Baker DATE OF APPROVAL 10/20/04

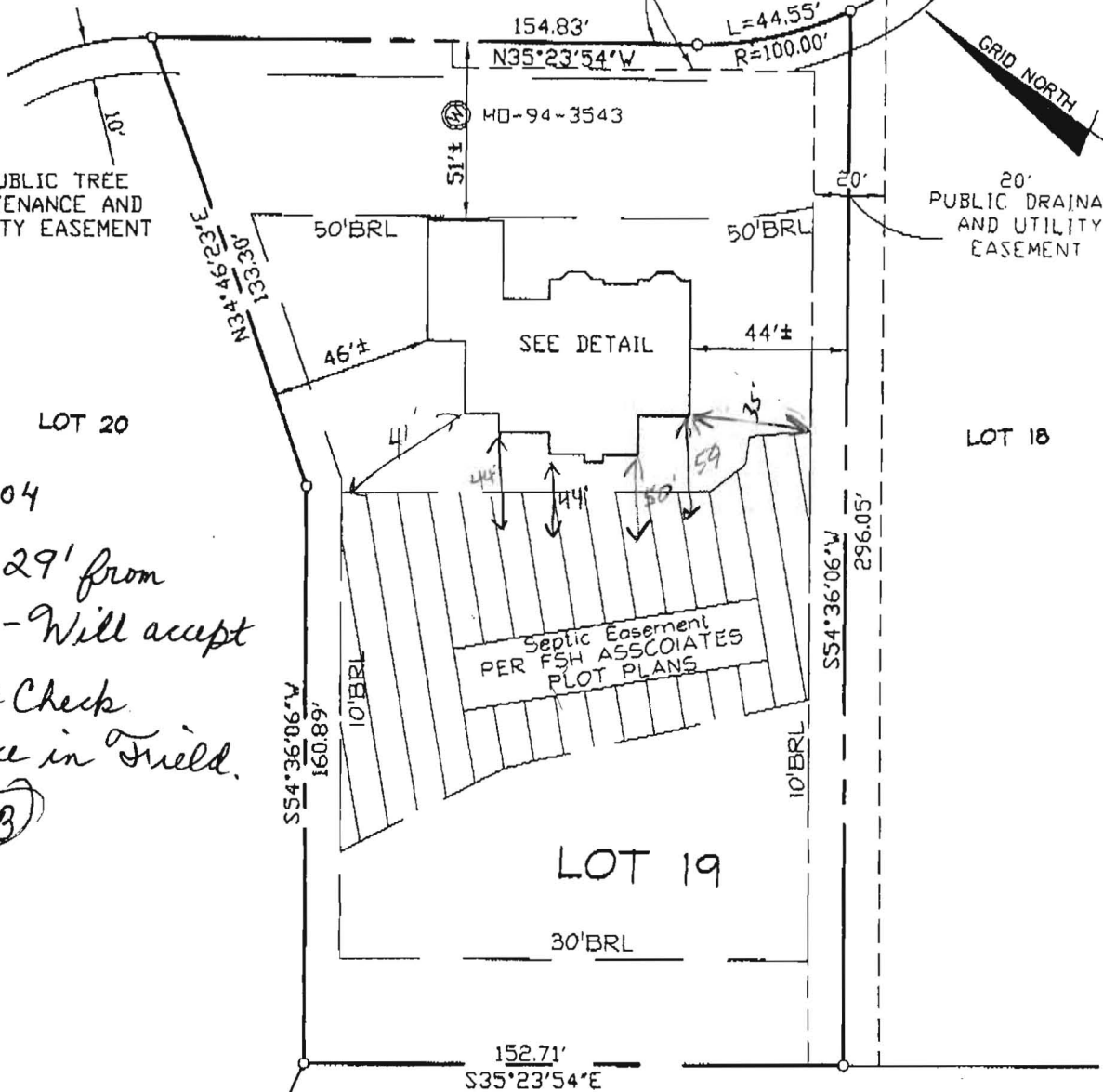
8/27/04 - As built field on topo of area cut out & septic area
 requested from B. Dan Day (410) 489-6292 (SO)

LORENZO LANE
(50' R/W)

PUBLIC DRAINAGE AND UTILITY EASEMENT

10' PUBLIC TREE MAINTENANCE AND UTILITY EASEMENT

20' PUBLIC DRAINAGE AND UTILITY EASEMENT



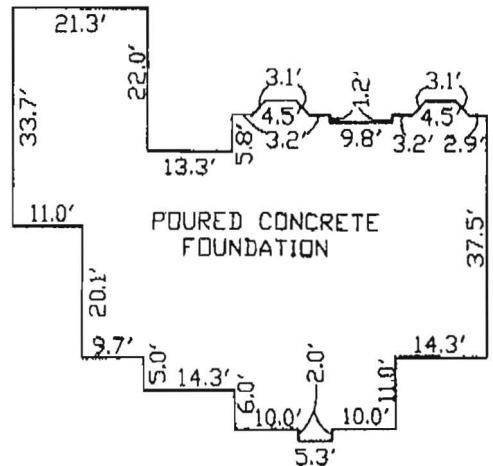
7/28/04
 Will 29' from house - Will accept
 Double Check Distance in Field.
 BB

SWM
 NON-BUILDABLE
 PRESERVATION
 PARCEL 'E'

TOP OF FOUNDATION WALL ELEVATION = 525.3'

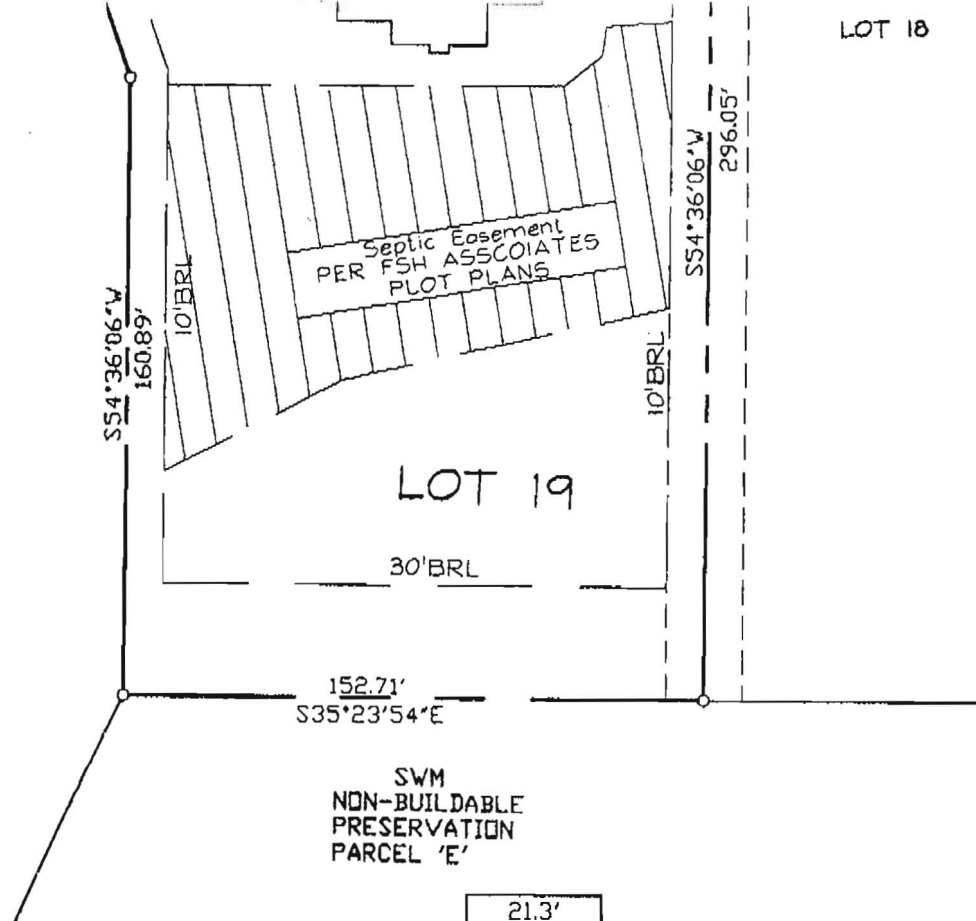
SURVEYOR'S CERTIFICATE

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



~FOUNDATION DETAIL~

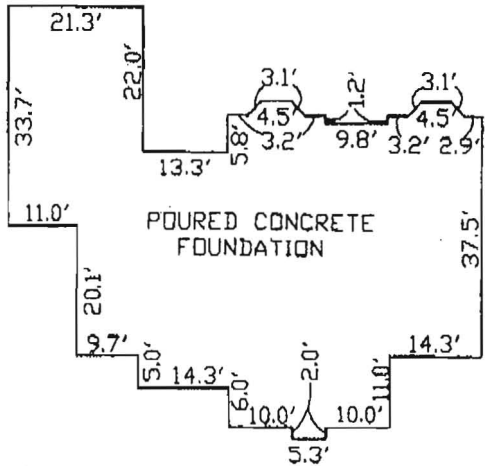
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TOP OF FOUNDATION WALL ELEVATION = 525.3'

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~FOUNDATION DETAIL'
SCALE: 1" = 30'

WALL CHECK

WATERFORD FARMS
LOTS 1 THRU 45
LOT No. 19

3170 LORENZO LANE
4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE: 1" = 50' DATE: 05/18/04

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.

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