

LAYOUT 11/15/05 INSP 4 _____
INSP 2 12/21/05 INSP 5 _____
INSP 3 2/22/06 INSP 6 _____

ISSUE DATE: 10/31/05

APPROVAL DATE: 2/22/06

PERMIT

P 523578

A 514952-C

TAX ID #04-367979

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

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL ☒ ALTER ☐
ADDRESS: 580 Obrecht Road PHONE NUMBER: 410-795-5670
SUBDIVISION: Waterford Farms LOT NUMBER: 31
ADDRESS: 15912 Willis Way Toll MD II, LP
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: 171 HOUSE SERVED BY PUBLIC WATER ☐

TRENCHES:	Trench to be 3.0 feet wide. Inlet <u>2.5</u> feet below original grade. Bottom maximum depth <u>4.5</u> 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 at the highest elevation in the approved SDA. <u>Determine trench depth in field</u>
NOTES:	

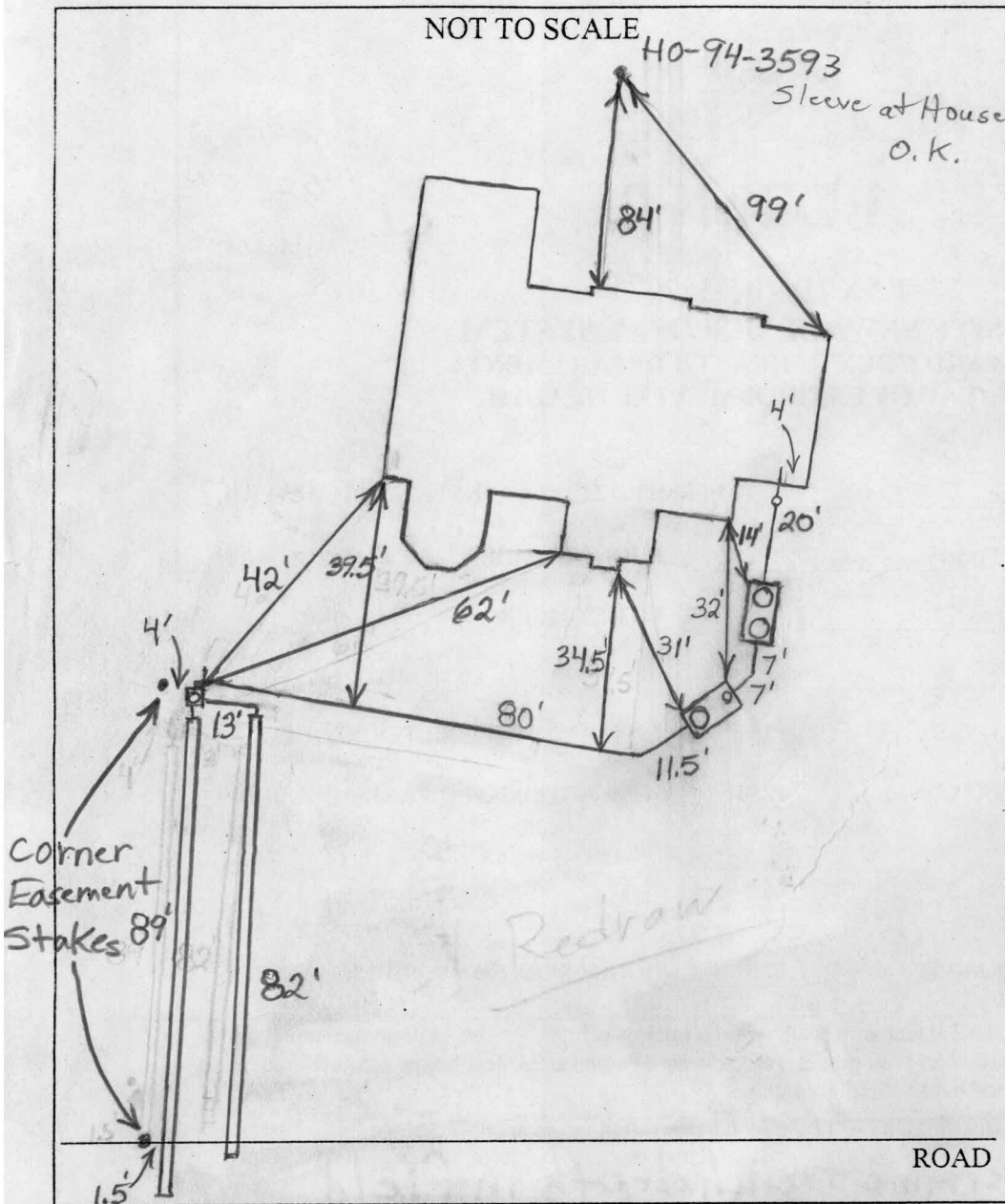
PLANS APPROVED: SRK/PAY Reviewed by: (PAY) DATE: 7/11/05

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 NOR THE HEALTH DEPARTMENT IS
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
ALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

AS14952-C



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	2.5'-3.5'	4.5'-5.5'
NUMBER OF TRENCHES		
2		
TOTAL LENGTH		
171'		
ABSORPTION AREA		
513+Sidewalk		
DISTRIBUTION BOX LEVEL		
Yes		
DISTRIBUTION BOX BAFFLE		
E/bow		
DISTRIBUTION BOX PORT		
Yes		

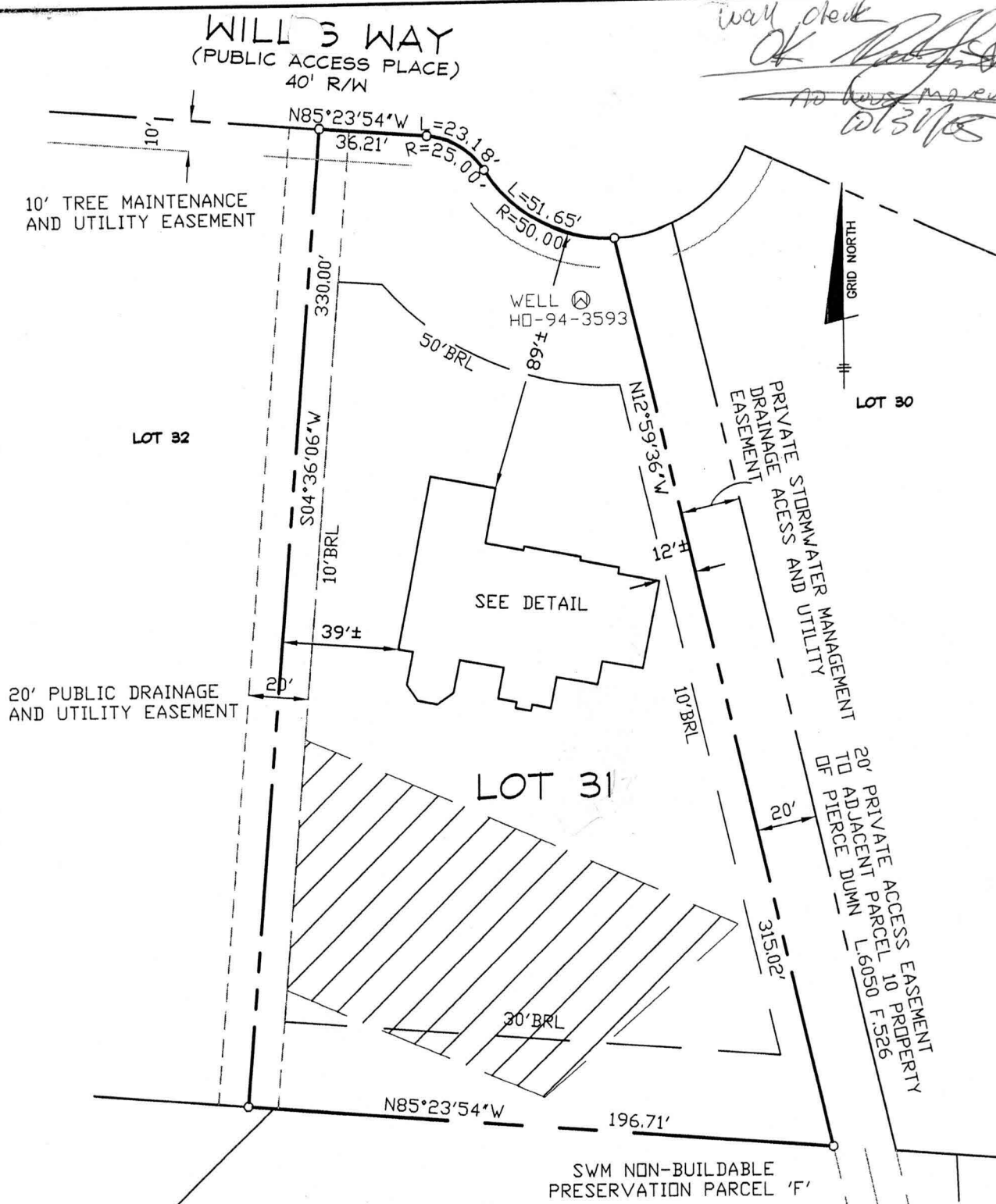
SEPTIC TANK DATA		
SEPTIC TANK 1 LEVEL		
Yes		
CAPACITY		
1500 GAL		
SEAM LOC		
Top		
TANK LID DEPTH		
1.5'-3'		
BAFFLES		
Yes		
BAFFLE FILTER		
Yes		
MANHOLE LOC		
Front+Rear		
6" PORT LOC		
None		
WATERTIGHT TEST		
No		
SEPTIC TANK 2 LEVEL		
Yes		
CAPACITY		
1500 GAL		
SEAM LOC		
Top		
TANK LID DEPTH		
1'-2.5'		
BAFFLES		
Front		
BAFFLE FILTER		
No		
MANHOLE LOC		
Rear		
6" PORT LOC		
Front		
WATERTIGHT TEST		
No		

PRE-CONSTRUCTION 11/15/05 Tanks set. Septic easement covered with fill. There are also other potential grading issues. Told builder

INSTALLATION to have fill removed from top of easement. Must do another layout. Clay is deeper near top of easement. Should increase trench depth. (BB) 12/21/05 System finished O.K. to cover. Need pump and alarm test. (BB) 2/22/06 Pump and alarm working. (BB)

FINAL INSPECTOR B. Baker

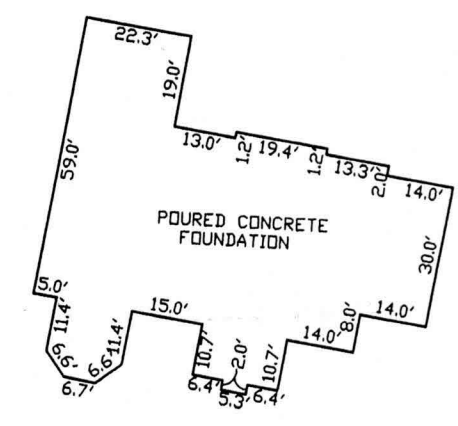
DATE OF APPROVAL 2/22/06



TOP OF FOUNDATION WALL ELEVATION = 492.6'
 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 09/26/05 ; 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.16166



~FOUNDATION DETAIL~
 SCALE: 1" = 40'

David Harris
 DAVID M. HARRIS
 REGISTERED PROFESSIONAL LAND SURVEYOR
 MD REG. No. 10978
 FOR BENCHMARK ENGINEERING, INC.
 MD REG. No. 351
 RECORD PLAT No. 16166
 FEMA FIRM No. 240044 0013 B
 ZONE: C
 DATED: 12/04/86



BENCHMARK
 ENGINEERS • LAND SURVEYORS • PLANNERS
ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE • SUITE 418
 ELLICOTT CITY, MARYLAND 21043
 phone: 410-465-6105 • fax: 410-465-6644
 email: Benchmark@coia.com

WALL CHECK
WATERFORD FARMS
LOTS 1 THRU 45
LOT No. 31

15912 WILLIS WAY
 4TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 50' DATE: 09/26/05