

LAYOUT _____ INSP 4 _____

INSP 2 _____ INSP 5 _____

INSP 3 _____ INSP 6 _____

ISSUE DATE: 11/10/05

P 523634

APPROVAL DATE: 3/9/2006

A 514619-A

PERMIT

TAX ID #03-341976

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

S K Plumbing & Heating, Inc.

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: 1220 FSK Hwy., Keymar, MD 21757 PHONE NUMBER: 410-775-0562

SUBDIVISION: Preserve @ Waverly Woods LOT NUMBER: 1

ADDRESS: 10901 Tompkins Way PROPERTY OWNER: Trinity Quality Homes, Inc.

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

PUMP CHAMBER CAPACITY (GALLONS) n/a 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 highest elevation of the approved SDA.
NOTES:	

PLANS APPROVED: Kevin J. Bell Reviewed by: KJB DATE: 7/27/05

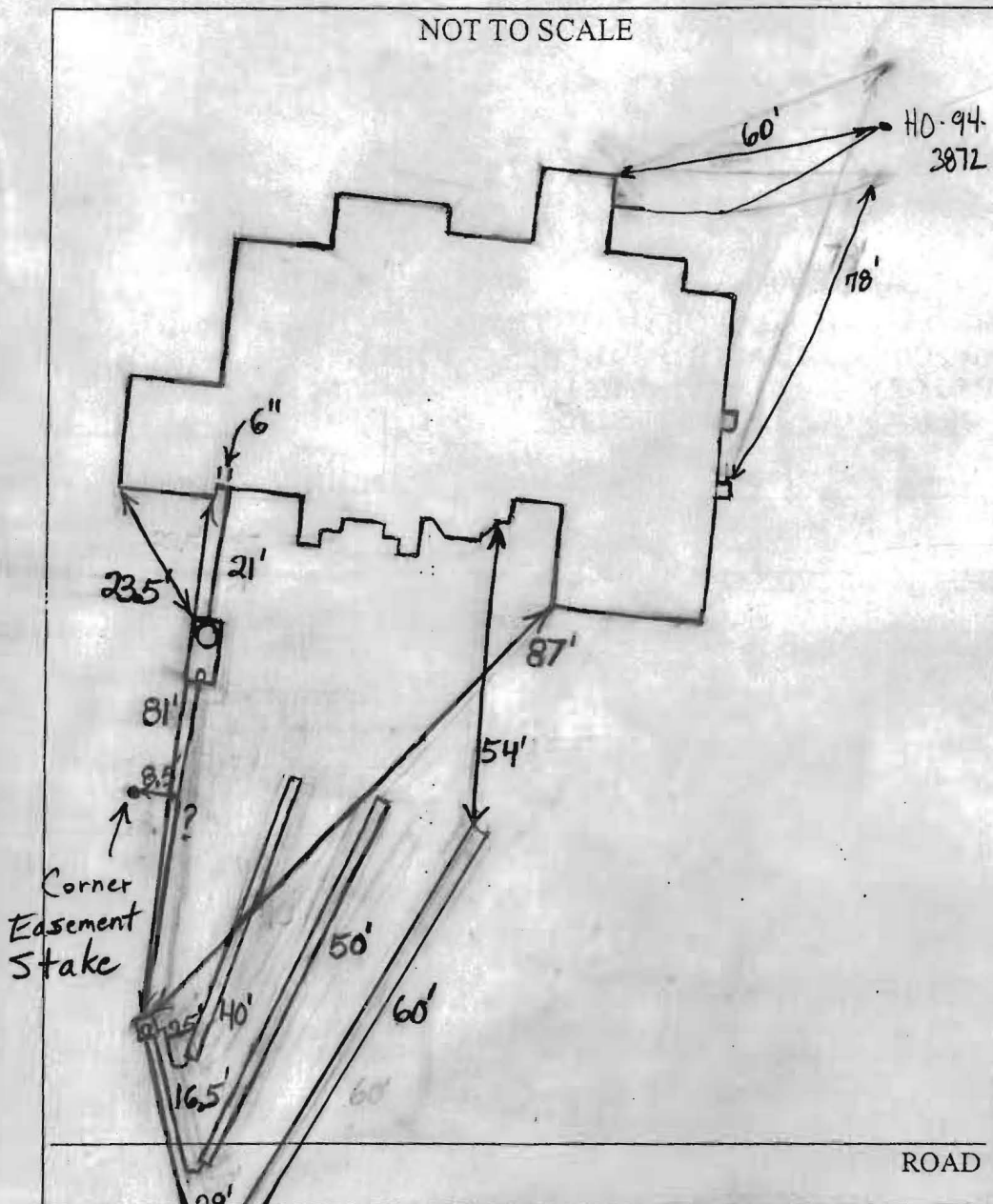
NOTES: PERMIT VOID AFTER 2 YEARS

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**

0523634

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	6'
NUMBER OF TRENCHES		3
TOTAL LENGTH		150'
ABSORPTION AREA		450+Sidewalk
DISTRIBUTION BOX LEVEL		Levelers
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1'-2'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL	N/A
CAPACITY	GAL
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	

2 Comp.
Babylon

PRE-CONSTRUCTION 3/7/06 Place distribution box as per B.P. plan. O.K.
to install a 40', 50' and 60' trench. Keep trenches as high as
INSTALLATION possible in the easement. (BB)

3/8/06 Tank set. House connection made. Started on top trench. (BB)
3/9/06 System finished. Couldn't see end of top 2 trenches.
Told installer to leave open in future. (BB)

FINAL INSPECTOR B. Baker

DATE OF APPROVAL 3/9/2006

11/10/05
wall check OK

1508

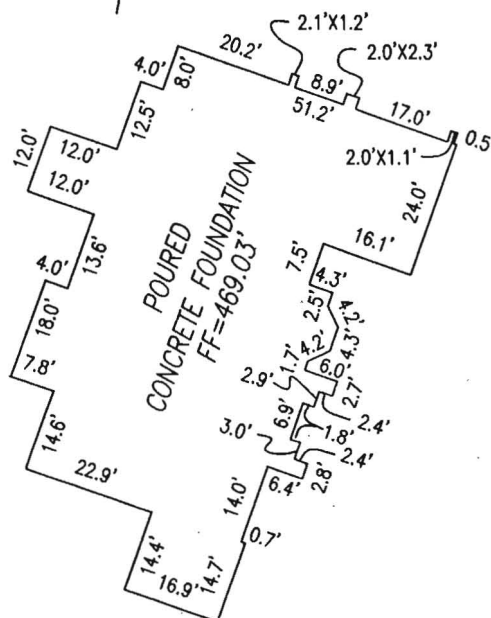
N 02°05'05"E 216.88'
 30' B.R.L.
 EX. WELL
 89.70'
 10' B.R.L.
 S 84°40'43"E 229.41'
 LOT 1
 57,987 SF
 50' B.R.L.
 S 35°10'07"E 100.89'
 S 09°49'53"W 35.41'
 S 54°49'53"W 120.1'
 L=118.55'
 R=180.00'
 MOUNT DENALI DRIVE
 VARIABLE WIDTH RIGHT-OF-WAY
 20.2' 2.1'x1.2' 2.0'x2.3'
 136.12'
 50' B.R.L.
 PRIVATE SEWAGE EASEMENT
 PLAT NO. 17060
 22.21'
 10' B.R.L.
 N 87°54'55"W 231.12'
 48.90'
 "SEE DETAIL"

NON-BUILDABLE
PRESERVATION PARCEL "F"



I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE,
INFORMATION AND BELIEF THAT THE IMPROVEMENTS ARE
LOCATED AS SHOWN AND THERE ARE NO ENCROACHMENTS
EXCEPT AS SHOWN.

MARK C. MARTIN, PROFESSIONAL LAND SURVEYOR #10884 DATE 10/28/05



SCALE 1"=30'	DATE 9/23/05	ROBERT H. VOGEL ENGINEERING, INC. ENGINEERS - SURVEYORS - PLANNERS 8407 MAIN STREET ELLICOTT CITY, MARYLAND 21043 TEL:410-461-7666 FAX:410-461-8961	WALL CHECK DRAWING
DRAWN BY B.ABBOTT	CHECKED BY M.C.M.		LOT 1
PLAT NUMBER 17060	JOB NUMBER 01-19.01		THE PRESERVE AT WAVERLY GLEN PLAT NO.17059-17069 3rd ELECTION DISTRICT HOWARD COUNTY, MARYLAND



MICHAEL PFAU
President

dedicated to excellence and service

Sally 410-313-8722
Permit # 154230
154005

August 2, 2005

To: Howard County Health Department
7178 Columbia Gateway Drive
Columbia, MD 21046

From: Michael Pfau
Trinity Homes
3675 Park Avenue
Ellicott City, MD 21043

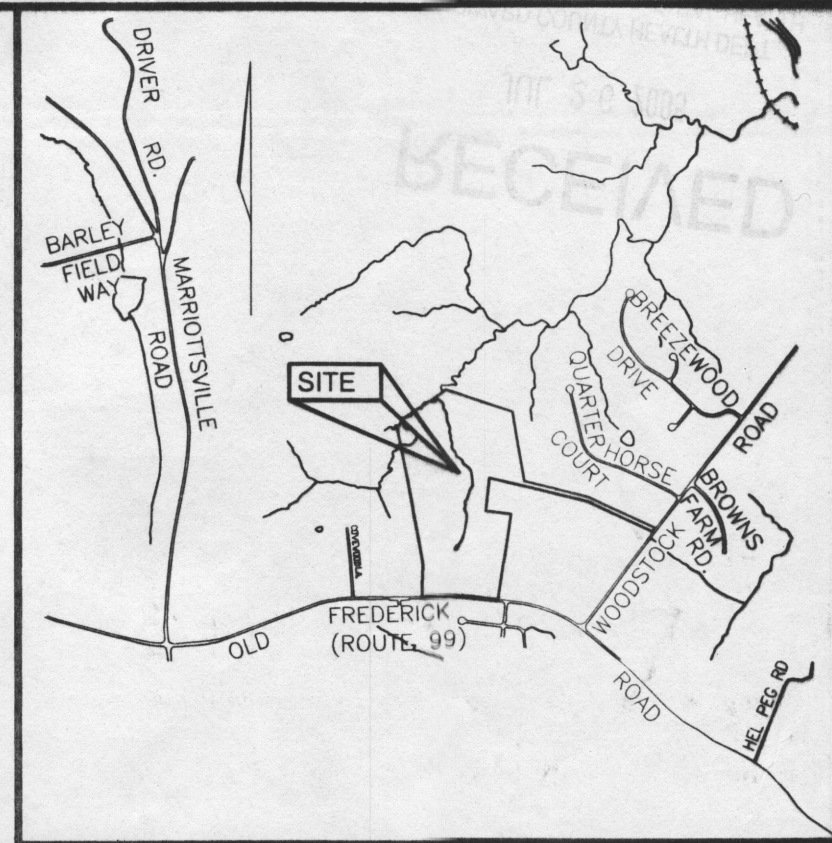
RE: The Preserve at Waverly Glen septic Tank location. - Lot 1

00154509

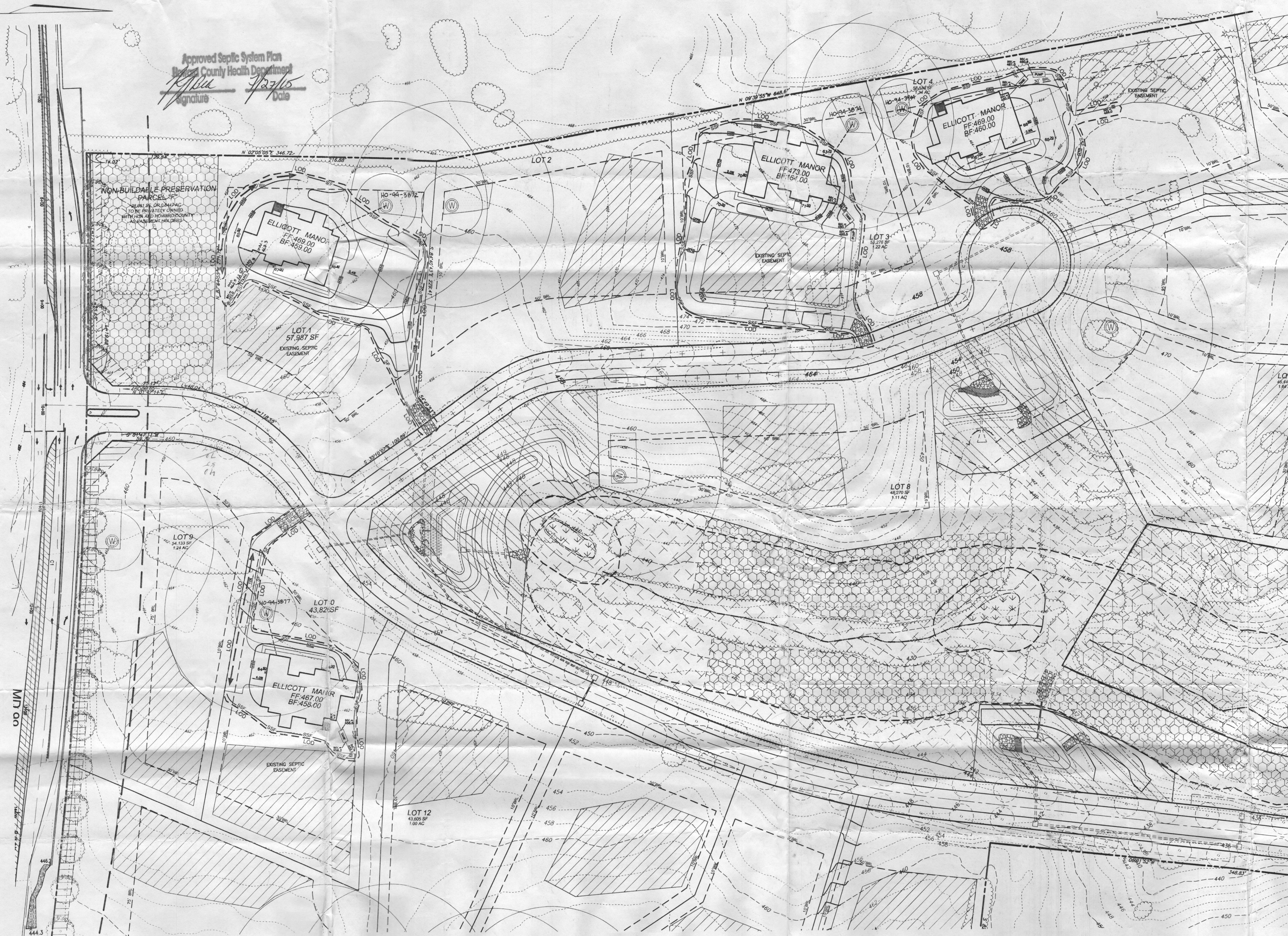
In accordance with COMAR the septic tanks meets code if the septic tank is located further than 10' from the proposed house location, This letter is to acknowledge that Trinity Homes is satisfied with the septic tanks being a minimum of 10' away from the house at The Preserve at Waverly Glen and requests that the HC Health Department approve the septic tanks as shown on the plan.

410-977-3032
MIKE

410 977-1343
1342



VICINITY MAP
SCALE: 1"=2000'



PLAN
SCALE: 1"=50'

LEGEND	
---	EXISTING 2 FT CONTOUR
---	EXISTING 10 FT CONTOUR
---	LOD
---	LIMIT OF DISTURBANCE
---	SUPER SILT FENCE
---	EXISTING TREELINE

GRADING AND SEDIMENT EROSION CONTROL PLAN THE PRESERVE AT WAVERLY GLEN

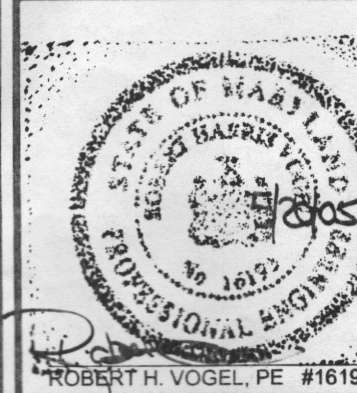
LOTS 1, 3, 4 AND 10

REF. 5-02-02, P-03-02, F-09-25, F-86-13

TAX MAP #10, BLOCK 23
4th ELECTION DISTRICT

PARCELS 1504' AND 102'
HOWARD COUNTY, MARYLAND

ROBERT H. VOGEL
ENGINEERING, INC.
ENGINEERS • SURVEYORS • PLANNERS
8407 MAIN STREET
ELLICOTT CITY, MD 21043
TEL: 410.461.7666
FAX: 410.461.8961



DESIGN BY: LJT
DRAWN BY: LJT
CHECKED BY: RHV
DATE: MAY 2005
SCALE: 1"=50'
W.O. NO.: 05-01.00

1 SHEET OF 2

OWNER /
DEVELOPER

THE PRESERVE AT WAVERLY GLEN, LLC
3675 PARK AVENUE, SUITE 301
ELLICOTT CITY, MARYLAND 21043
(410) 480-0023

THE EXISTING WELLS SHOWN ON THIS PLAN
HAVE BEEN FIELD LOCATED BY ROBERT H.
VOGEL ENGINEERING, INC. PROFESSIONAL
LAND SURVEYORS, AND ARE ACCURATELY
SHOWN.

MARK C. MARTIN, PLS #10864
DATE 7/25/05



DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE
DONE ACCORDING TO THIS PLAN FOR SEDIMENT AND EROSION CONTROL,
AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION
PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT
OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL
OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO
AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL
CONSERVATION DISTRICT.

Michael L. Pfau
DATE 5/20/05

ENGINEER'S CERTIFICATE

"I CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION
CONTROL REPRESENTS A PRACTICAL AND Viable PLAN
BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS
AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE
REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Robert H. Vogel, PE #16193
DATE 5/20/05

REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS

Jim Meyer
USDA-NATURAL RESOURCES CONSERVATION SERVICE
DATE 5/20/05

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND
SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT

John K. Robertson
HOWARD SCD
DATE 5/20/05