

LAYOUT 4/4/06 4/5/06 INSP 4 _____
INSP 2 _____ INSP 5 _____
INSP 3 _____ INSP 6 _____

ISSUE DATE: 3/16/2006

APPROVAL DATE: 4/6/06

PERMIT

P 524356

A 518873

TAX ID #05-376718

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

Hatfield's Equipment Inc. IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: P. O. Box 519, Annapolis Junction PHONE NUMBER: 410-531-6773

SUBDIVISION: Green Hill Manor LOT NUMBER: 8

ADDRESS: 6728 Cortina Drive PROPERTY OWNER: Jolene Zangardi

SEPTIC TANK CAPACITY (GALLONS): 1500 OUTLET BAFFLE FILTER REQUIRED ☐

PUMP CHAMBER CAPACITY (GALLONS): n/a COMPARTMENTED TANK REQUIRED ☒

NUMBER OF BEDROOMS: 5

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 150 HOUSE SERVED BY PUBLIC WATER ☐

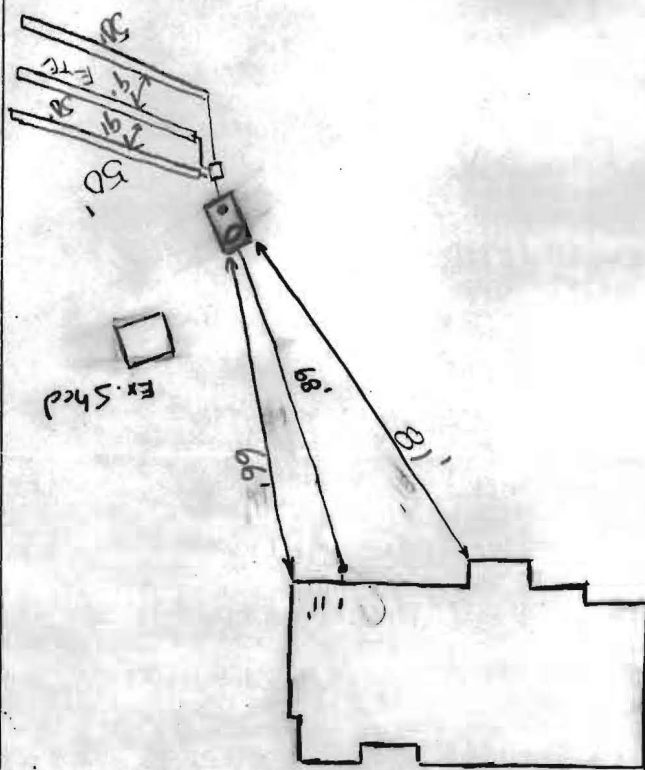
TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 7.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 4.0 feet of stone below distribution pipe.
LOCATION:	Keep the distribution box at the highest elevation in the approved SDA>
NOTES:	

PLANS APPROVED: Peter Yencsik Reviewed by: _____ DATE: 9/9/05

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**

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3'	7'
NUMBER OF TRENCHES		
3		
TOTAL LENGTH		
150'		
ABSORPTION AREA		
450 sq ft		
DISTRIBUTION BOX LEVEL		
yes		
DISTRIBUTION BOX BAFFLE		
yes		
DISTRIBUTION BOX PORT		
?		

SEPTIC TANK DATA		
SEPTIC TANK 1 LEVEL		
yes		
CAPACITY		
1500 GAL		
SEAM LOC		
Top		
TANK LID DEPTH		
3'		
BAFFLES		
✓		
BAFFLE FILTER		
N/A		
MANHOLE LOC		
Inlet		
6" PORT LOC		
Outlet		
WATERTIGHT TEST		
N/A		

SEPTIC TANK 2 LEVEL		
CAPACITY		
_____ GAL		
SEAM LOC		

TANK LID DEPTH		

BAFFLES		

BAFFLE FILTER		

MANHOLE LOC		

6" PORT LOC		

WATERTIGHT TEST		

PRE-CONSTRUCTION 4/4/06 Fill spread on easement. Told contractor to have homeowner remove it before they can start. Tank

INSTALLATION set. (GAC) 4/5/06 Layout 3X50' trenches on left side of easement as facing easement w/ road behind you. Keep specs. fill removed (GAC)

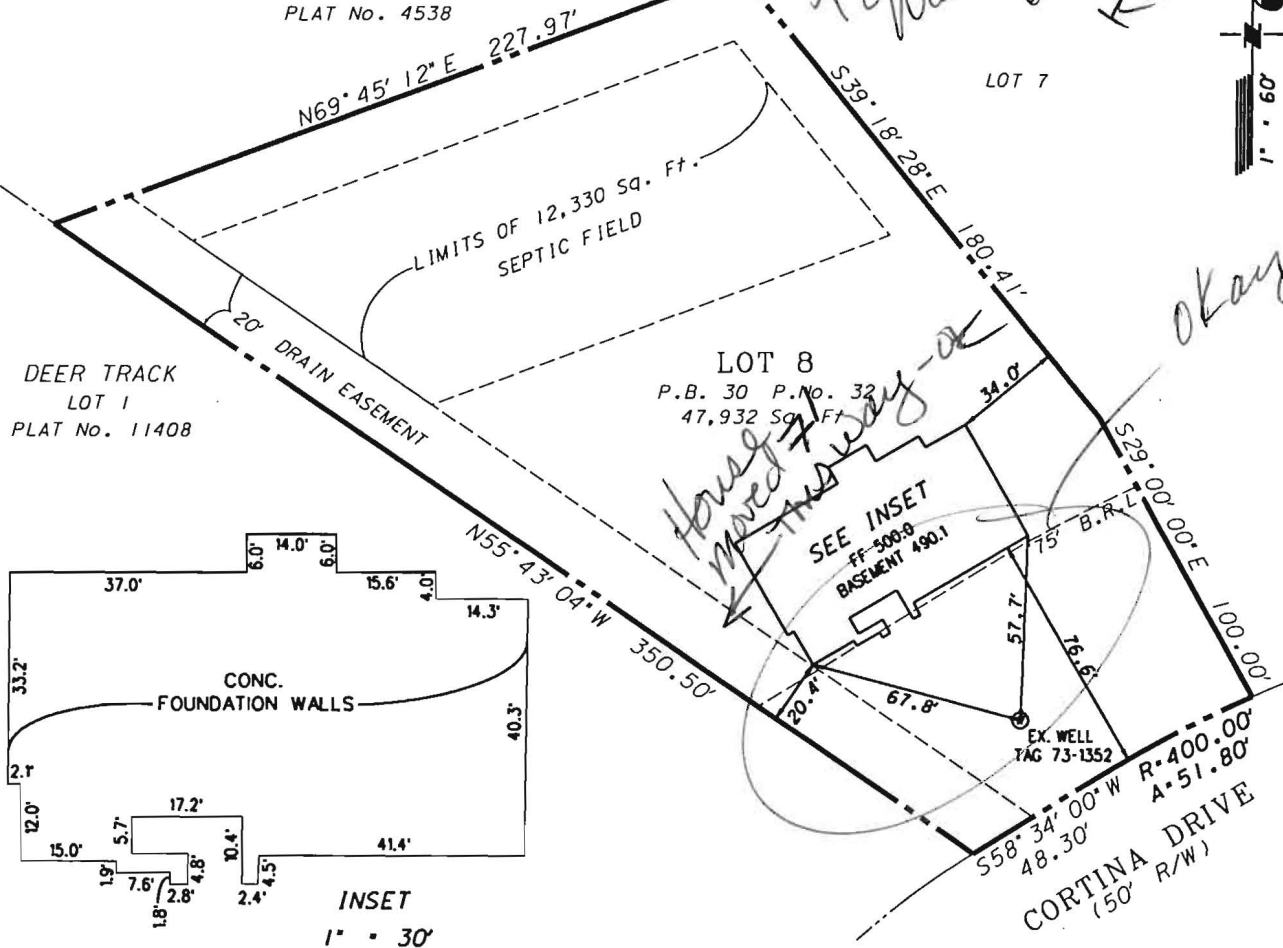
4/6/06 Spoke with Contractor (Kenny Jr of Hatfields) and notified him that due to my schedule I would not be able to make it to the site for a final. He told me that no problems were encountered and that 3X50' trenches were installed as we had discussed. OK to backfill.

(GAC)
FINAL INSPECTOR Samuel A. Grey DATE OF APPROVAL 4/6/06

AS-CONSTRUCTED SURVEY #6728 CORTINA DRIVE LOT 8 BLOCK D GREEN HILL MANOR

ELECTION DISTRICT No. 5
HOWARD COUNTY, MARYLAND

GREENHILL MANOR
LOT 8
SECTION 5
PLAT No. 4538



I, W. JOSEPH HINES, MARYLAND REGISTERED PROFESSIONAL LAND SURVEYOR NO. 10887, HEREBY STATE THAT THIS SURVEY HAS BEEN PERFORMED IN ACCORDANCE WITH THE MINIMUM STANDARDS OF PRACTICE AS ADOPTED BY THE MARYLAND BOARD FOR PROFESSIONAL LAND SURVEYORS. THIS PROPERTY DOES NOT LIE WITHIN THE LIMITS OF THE 100-YEAR FLOOD PLAIN AS DELINEATED ON THE FLOOD INSURANCE RATE MAPS PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY.

NOT VALID WITHOUT

GREENHORNE & O'MARA, INC.
20410 CENTURY BOULEVARD, SUITE #200
GERMANTOWN, MARYLAND 20874
(301) 444-8282

STATE OF MARYLAND
WILLIAM JOSEPH HINES
No. 10887
03/22/06
AN ORIGINAL SIGNATURE
AND SEAL



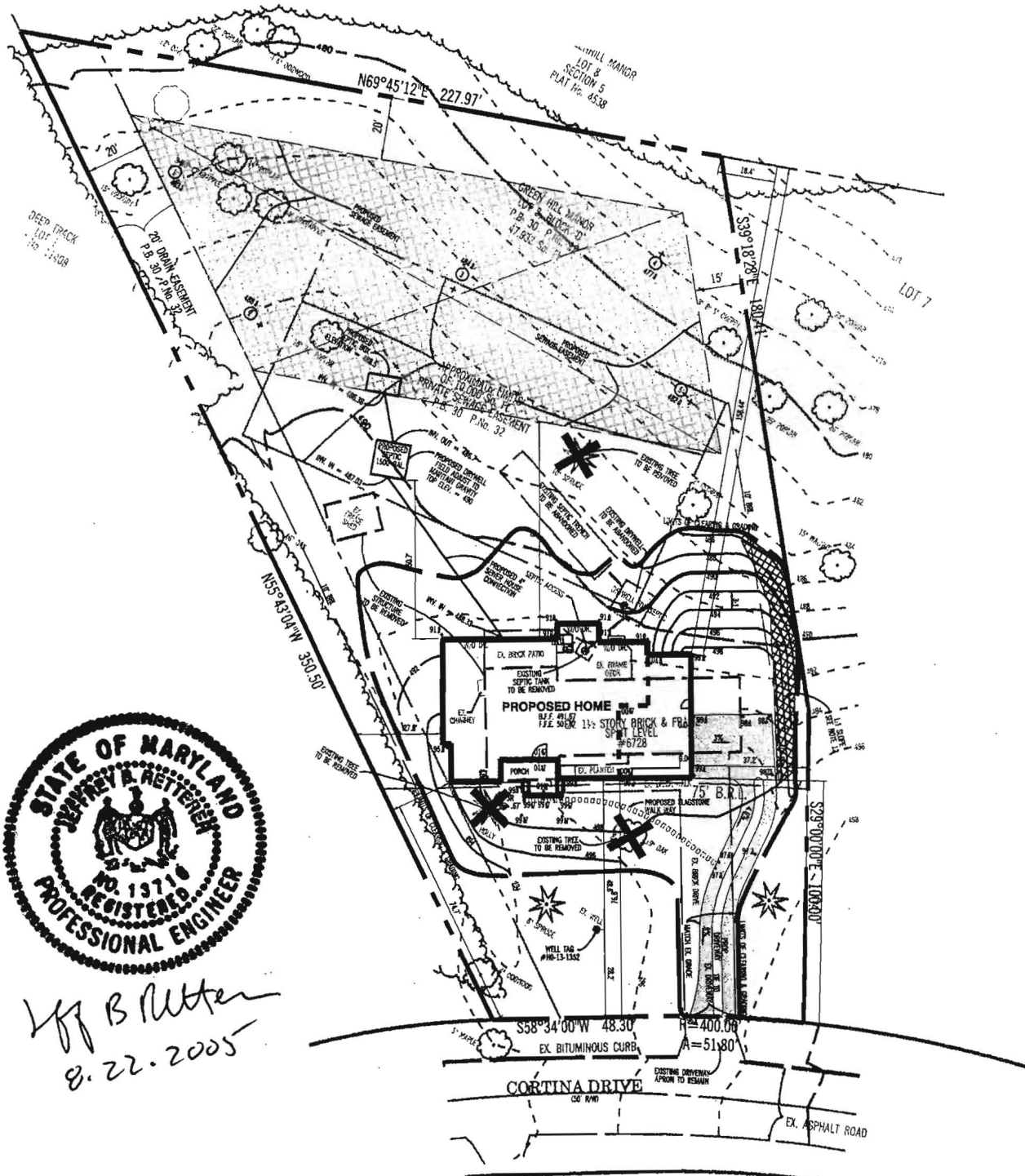
REFERENCE	(C) LATEST DATE HEREON	SCALE: 1" = 60'	DRAWN / CHECK
PLAT BOOK: 30		DATE OF SURVEY 02-21-06	CSA /
PLAT NO.: 32		DATE OF REVISION 03-22-06	



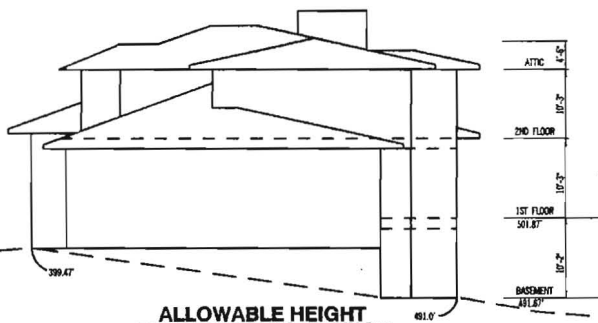
APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE
SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN OF HOWARD COUNTY
HOWARD COUNTY HEALTH OFFICER _____ DATE _____

GENERAL NOTES

1. Topography and boundary survey were prepared by Greenhorn & O'Mara, Inc., dated on June 2005.
2. Contour Interval: 2'
3. Lot numbers: 8
Lot Area: 1.1 AC, 47932 sq. ft.
Zoning: RA-OEO
4. Proposed building area: 3,487 sq. ft.
5. Existing utility information is taken from available records and field data. All existing utilities are to remain, unless otherwise noted. See mechanical, and plumbing plans for more information and details. Prior to demolition, utilities shall be disconnected by the respective utility company at the point of connection. Additional removal and separation of sewer lines may be required.
6. All downspouts drain to splash blocks. See architecture for downspout details.
7. All work is to be performed to the current Howard County Standards and Specifications for all on-site improvements, unless prior approval from the Client is received in writing as to substitution.
8. Demolish and remove all trees and existing structures within limits of clearing and grading in accordance with Howard County Standards and Specifications.
9. For planting details, see plans by others.
10. Field locate limit of clearing and grading with the owner prior to the removal of any tree.
11. Existing septic tank and drywell are to be removed per Howard County Department of Health Requirements.
12. Slopes greater than 3:1 will be mulched and planted with ground cover.
13. Proposed on-site impervious area less than 5,000 sq. ft. = 4,925sq. ft.
14. The existing well shown on this plan (identified with the attached well tag number PW-13-1352) has been field located by Greenhorn & O'Mara, professional land surveyors and is accurately shown.
15. This area designates a private sewage easement of at least 10,000 square feet as required by the Department of Environment for individual sewage disposal. Improvements of any of any nature in this area restricted. This easement shall become null and void upon connection to a public sewage easement easement. Recordation of a revised sewage shall not be necessary.



Lff B Rutter
8.22.2005



ALLOWABLE HEIGHT
DIAGRAMMATIC SECTION
NOT TO SCALE

Approved Septic System Plan
Howard County Health Department

Signature _____ Date _____

CONTRACT PURCHASER:
JOLENE ZANGARDI
6728 CORTINA DR.
HIGHLAND, MD 20777
PHONE #: (301) 598-2100



GENERAL CIVIL
TRANSPORTATION
ENVIRONMENTAL
GEOGRAPHIC SCIENCES

GREENHORN & O'MARA, INC. 20410 CENTURY BOULEVARD, SUITE 200, GERMANTOWN, MARYLAND 20874
PHONE: (301) 444-8282 FAX: (301) 444-8181
WWW.G-AND-O.COM

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©LATEST DATE HEREON

SITE PLAN

GREENHILL MANOR
LOT 8, BLOCK D

PLAT BOOK 30 PLAT NO. 32
HOWARD COUNTY, MARYLAND

DATE

DESIGN

DB/AD

DRAWN

CHECKED

SHEET

DATE

PROJ NO.

FILE NO.

1" = 50'

SCALE


1 OF 1

0000-000

R-942-P



GENERAL NOTES

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JJB Matar
8/30/2005

DEER TRACK
LOT 1
PLAT No. 11408

GREENHILL MANOR
LOT 8
SECTION 5
PLAT No. 4538

GREENHILL MANOR
LOT 8, BLOCK D
P.B. 30, P.No. 32
47,932 SQ. FT.

PROPOSED 33'3" DISTRIBUTION BOX
ELEVATION = 488.5

PROPOSED SEPTIC
1500 GAL.
INV. IN = 487.03

PROPOSED DRYWELL
FIELD ADJUST TO
MAINTAIN GRAVITY
TOP ELEV. = 490

PROPOSED HOME
S.F. = 3,487
F.F.E. = 501.87

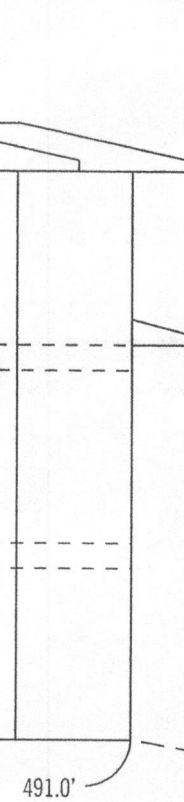
Approved Septic System Plan
Howard County Health Department

[Signature]
9/9/05
Date

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SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN OF HOWARD COUNTY

[Signature]
9/9/05
DATE

ALLOWABLE HEIGHT
DIAGRAMMATIC SECTION
NOT TO SCALE



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© LATEST DATE HEREON

PERC CERTIFICATION AND BUILDING PERMIT PLAN

GREENHILL MANOR
LOT 8, BLOCK D

PLAT BOOK 30 PLAT NO. 32
HOWARD COUNTY, MARYLAND

MAH	SCALE	1" = 20'
DESIGN	SCALE	
DB/MAD		
DRAWN		
CHECKED	SHEET	1 OF 1
JUNE 2005	0000-000	R-942-P
DATE	PROJ No.	FILE No.