



# HOWARD COUNTY HEALTH DEPARTMENT

60534

DATE  
2/5/17

25

Received From

Farm and Home Excavating

PHONE #

410-984-0151

19 Diner Road, Marriottsville, MD 21104

For

SHC 11309 Willow Ridge Lane

Willow Ridge Lot 8

CASH

CHECK

NO.

116300

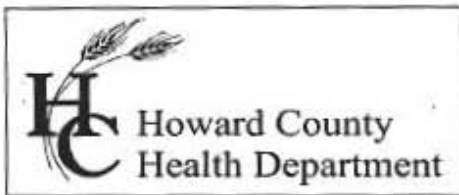
One hundred sixty five            <sup>00</sup>/<sub>100</sub> Dollars

\$

116500

Received By

*[Signature]*



**Bureau of Environmental Health**  
 8930 Stanford Boulevard, Columbia, MD 21045  
 Main: 410-313-2640 | Fax: 410-313-2648  
 TDD 410-313-2323 | Toll Free 1-866-313-6300  
[www.hchealth.org](http://www.hchealth.org)  
 Facebook: [www.facebook.com/hocohealth](http://www.facebook.com/hocohealth)

Maura J. Rossman, M.D., Health Officer

RECEIPT DATE: 2/8/17

**ONSITE SEWAGE DISPOSAL SYSTEM**

P 560534

INSTALLATION APPROVAL DATE: 2/21/17 **SEC**

**PERMIT**

A \_\_\_\_\_

**SEWER HOUSE CONNECTION**

PROPERTY ADDRESS: 11309 Willow Ridge Lane

SUBDIVISION: Willow Ridge LOT: 8 TAX ID: 03-286584

CONTRACTOR: Farm and Home Excavating EMAIL: \_\_\_\_\_

CONTRACTOR ADDRESS: 901 Driver Road PHONE: 410-984-0189

PROPERTY OWNER: Sakar Kawle EMAIL: \_\_\_\_\_

OWNER ADDRESS: 11309 Willow Ridge Lane PHONE: \_\_\_\_\_

NUMBER OF BEDROOMS: 5 CONNECTED TO PUBLIC WATER:  YES  NO

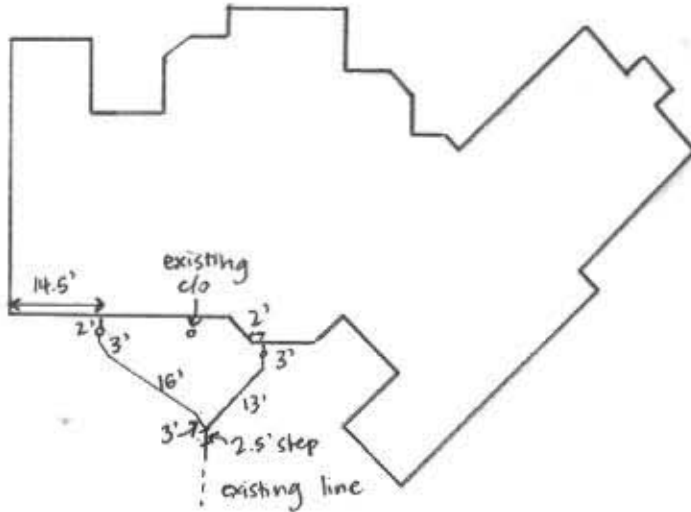
LOCATION:	
NOTES:	Tie in new sch40 line to existing sch 40 line from house to septic tank

ISSUED BY: Kevin Wolf **KW** ISSUE DATE: 2/8/17 EXPIRATION DATE: 2/8/18

- NOTE: HOWARD COUNTY BUREAU OF UTILITIES APPROVAL OF GRINDER PUMP INSTALLATION IS REQUIRED PRIOR TO SEPTIC PERMIT APPROVAL
- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM

**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. CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM.**

NOT TO SCALE



ROAD NAME

**TRENCH/DRAINFIELD DATA**

WIDTH \_\_\_\_\_ INLET \_\_\_\_\_ BOTTOM \_\_\_\_\_

NUMBER OF TRENCHES \_\_\_\_\_

TOTAL LENGTH \_\_\_\_\_

ABSORPTION AREA \_\_\_\_\_

DISTRIBUTION BOX LEVEL \_\_\_\_\_

DISTRIBUTION BOX BAFFLE \_\_\_\_\_

DISTRIBUTION BOX PORT \_\_\_\_\_

**SEPTIC TANK DATA**

SEPTIC TANK 1 LEVEL \_\_\_\_\_

MANUFACTURER \_\_\_\_\_

CAPACITY \_\_\_\_\_ GAL

SEAM LOC \_\_\_\_\_

TANK LID DEPTH \_\_\_\_\_

BAFFLES \_\_\_\_\_

BAFFLE FILTER \_\_\_\_\_

MANHOLE LOC \_\_\_\_\_

6" PORT LOC \_\_\_\_\_

WATERTIGHT TEST \_\_\_\_\_

SLOTTED \_\_\_\_\_

DATE ON LID \_\_\_\_\_

**PUMP/SEPTIC TANK LEVEL**

MANUFACTURER \_\_\_\_\_

CAPACITY \_\_\_\_\_ GAL

SEAM LOC \_\_\_\_\_

TANK LID DEPTH \_\_\_\_\_

BAFFLES \_\_\_\_\_

BAFFLE FILTER \_\_\_\_\_

MANHOLE LOC \_\_\_\_\_

6" PORT LOC \_\_\_\_\_

WATERTIGHT TEST \_\_\_\_\_

SLOTTED \_\_\_\_\_

DATE ON LID \_\_\_\_\_

PRE-CONSTRUCTION:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

INSTALLATION: 2/21/17 Two new tie-ins to existing system. Lines bedded with #57 stone. (50)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

FINAL INSPECTOR Sarah Collins DATE OF APPROVAL 2/21/17



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

Dr. Maura J. Rossman, M.D., Health Officer

INFORMATION FORM - SEPTIC SYSTEM REPAIR/UPGRADE

Reason for Request:

- Reason for Request:
- [ ] Failing System
- [ ] System relocation for proposed addition
- [ ] System upgrade for proposed addition
- [ ] Inadequate treatment zone
- [ ] Collapsed septic tank
- [ ] Collapsed drywell

Existing system design

- Existing system design:
- [ ] Drywell
- [x] Trench
- [ ] Mound
- [ ] Unknown
- [ ] Other:

Is discharge surfacing on the ground?

- Is discharge surfacing on the ground?
- [ ] Yes
- [x] No

Has the septic tank been pumped within the last month?

- Has the septic tank been pumped within the last month?
- [ ] Yes Date pumped:
- [x] No

Was a visual inspection of the septic tank and/or drain fields conducted?

- Was a visual inspection of the septic tank and/or drain fields conducted?
- [ ] Yes Explain observations:
- [x] No

Was a visual inspection of the sewage line conducted?

- Was a visual inspection of the sewage line conducted?
- [x] Yes
 - Blockage leading to the tank:
 - [ ] Yes. Explain:
 - [x] No New line for addition into existing tank
 - Blockage leading to the field:
 - [ ] Yes. Explain:
 - [ ] No

[ ] No

Additional Comments: Building Permit # B16000901

\*For REPAIRS, are the owners proposing, or do they plan to add in the future, any additions or modifications to the property, i.e. pools, living space additions, garages, etc? This information must be disclosed at the time of this application. The Health Department will not be able to accommodate requests in the field for property modifications unrelated to the repair request. Such requests may require an additional fee, testing, and submittal of a Percolation Certification Plan, if the property does not meet current Code and Regulation.

Septic Contractor: Farm and Home Excavating, Inc Contractor's Phone: 410-442-2139
Contractor's Address: 901 Ariver Rd Marriottsville MD 21104

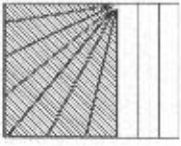
Property Address: 11309 Willow Ridge Lane County file:
Subdivision: Willow Ridge Lot: 8 Year Built: 2005
Owner's Name: Sakar Hawle Owner's Phone:

Name of previous owners: Existing bedrooms:
Proposed bedrooms:

Has this request been previously discussed with a Sanitarian? (Name): NO
Public Sewer available/nearby: NO

\*A Sanitarian will be in contact within three business days, depending upon the urgency of the situation, to coordinate the scheduling/review of the repair or upgrade.

\*Prior to scheduling inspections, sealed plans should be submitted to clarify the nature of the addition.\*
Print out a copy of Real Property Data via Dept. of Taxation website Indexed file found
If public sewer may be nearby, verify whether sewer is technically "available" through the Bureau of Engineering.
If sewer is available and the property is within the Metropolitan District, connection to sewer is required: If the owner believes reason for exemption exists, the owner should justify the request in writing.
If soil/site conditions are limited and sewer and/or Metro District status is not conducive to connection, the Sanitarian may recommend pursuit of Emergency Sewer Extension or Emergency Metro District Inclusion. The Owner should contact the Bureau of Utilities for details.
No permit is to be issued nor inspection to be scheduled without prior fee collection at the office unless an emergency situation exists. The contractor is to notify office of the emergency situation as soon as possible.

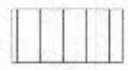

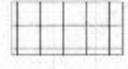
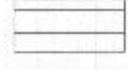



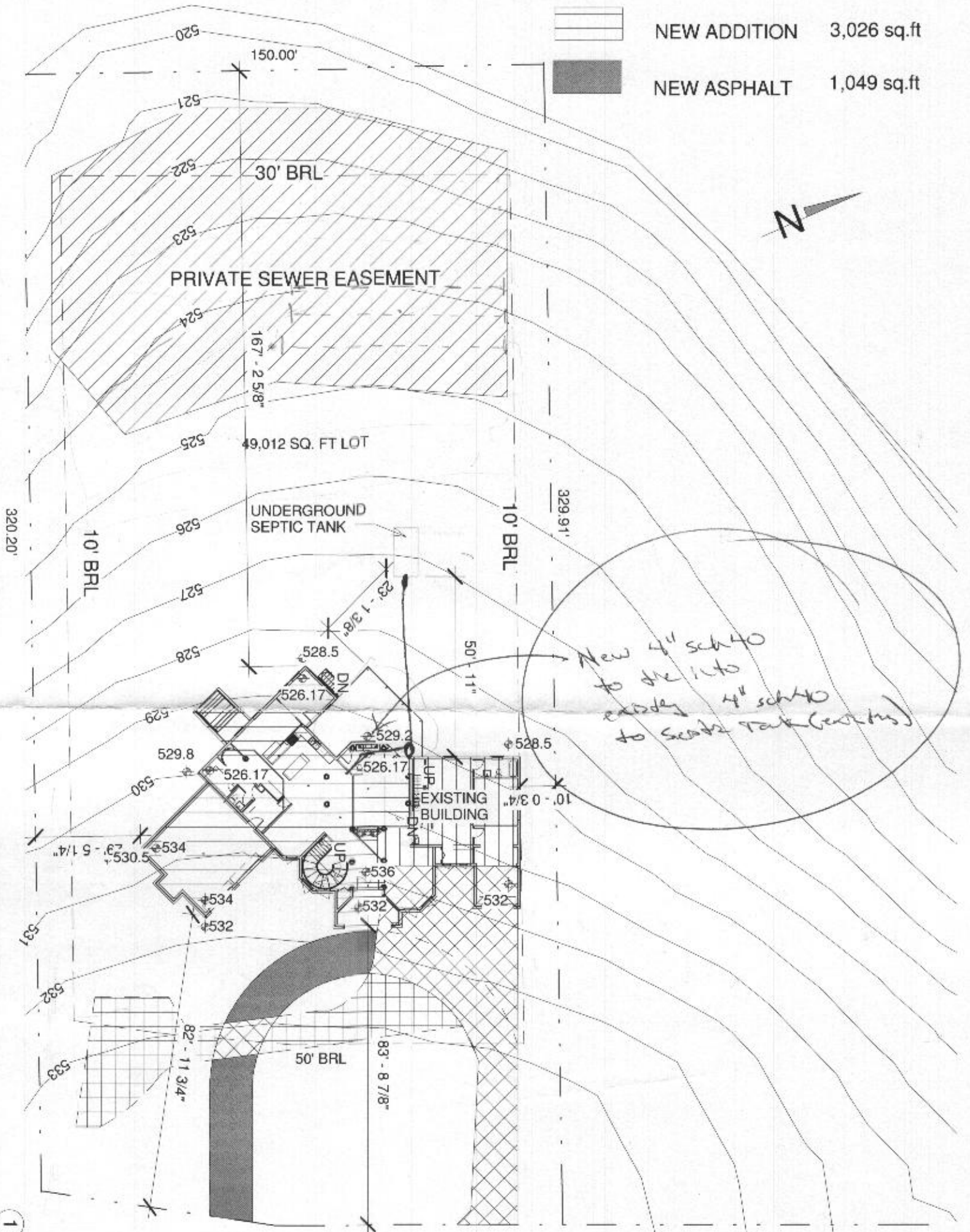
**SAA**  
 ARCHITECTURE LLC.  
 Architecture / Planning  
 www.DesignedToLast.com

11309 WILLOW RIDGE LANE  
 ELLICOTT CITY, MD 21042

**Kawle Residence Addition**

**LEGEND**

-  EXISTING BUILDING 1,058 sq.ft
-  EXISTING ASPHALT 2,133 sq.ft
-  EXISTING ASPHALT 1,730 sq.ft
-  NEW ADDITION 3,026 sq.ft
-  NEW ASPHALT 1,049 sq.ft



1 SITE PLAN-2  
 1/32" = 1'-0"

TOTAL EXISTING IMPERVIOUS SURFACE:	4,920 SQ.FT
TOTAL NEW IMPERVIOUS SURFACE:	2,345 SQ.FT
TOTAL IMPERVIOUS SURFACE:	7,266 SQ.FT
TOTAL SITE AREA	49,012 SQ.FT
% NEW IMPERVIOUS AREA ADDITION	4.8%

BASEMENT FLOOR LEVEL: 536

FIRST FLOOR LEVEL: 526.17

**SITE PLAN**

Project number \_\_\_\_\_  
 Date \_\_\_\_\_  
 Drawn by \_\_\_\_\_  
 Checked by \_\_\_\_\_

Project Number \_\_\_\_\_  
 Issue Date \_\_\_\_\_  
 Author \_\_\_\_\_  
 Checker \_\_\_\_\_

**AS1.2**

Scale 1/32" = 1'-0"



LAYOUT 9/28/07 INSP 4 \_\_\_\_\_  
INSP 2 \_\_\_\_\_ INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 9/18/2007 P 527804

APPROVAL DATE: 10/2/2007 **PERMIT** 521603  
*Logged Into Permit Manager*  
TAX ID # 03-186584

**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: Willow Ridge LOT NUMBER: 8

ADDRESS: 11434 Frederick Rd PROPERTY OWNER: Greenfield Homes Inc

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

PUMP CHAMBER CAPACITY (GALLONS): \_\_\_\_\_ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 5 Trenches 2' Wide

SQUARE FEET PER BEDROOM: \_\_\_\_\_ Inlet 5'

LINEAR FEET OF TRENCH REQUIRED: 267' Bottom 8.5'

TRENCHES:	Trench to be 2.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 6.0 feet below original grade. 4.0 feet of stone below distribution pipe.
LOCATION:	Distribution box to be located at the top middle of SDA as shown on plan. Install trenches as shown on plan need three 60' trenches. Ass a c/o on line between tank and distribution box if 70' or greater in length.
NOTES:	Install per plan. Layout required prior to installation.

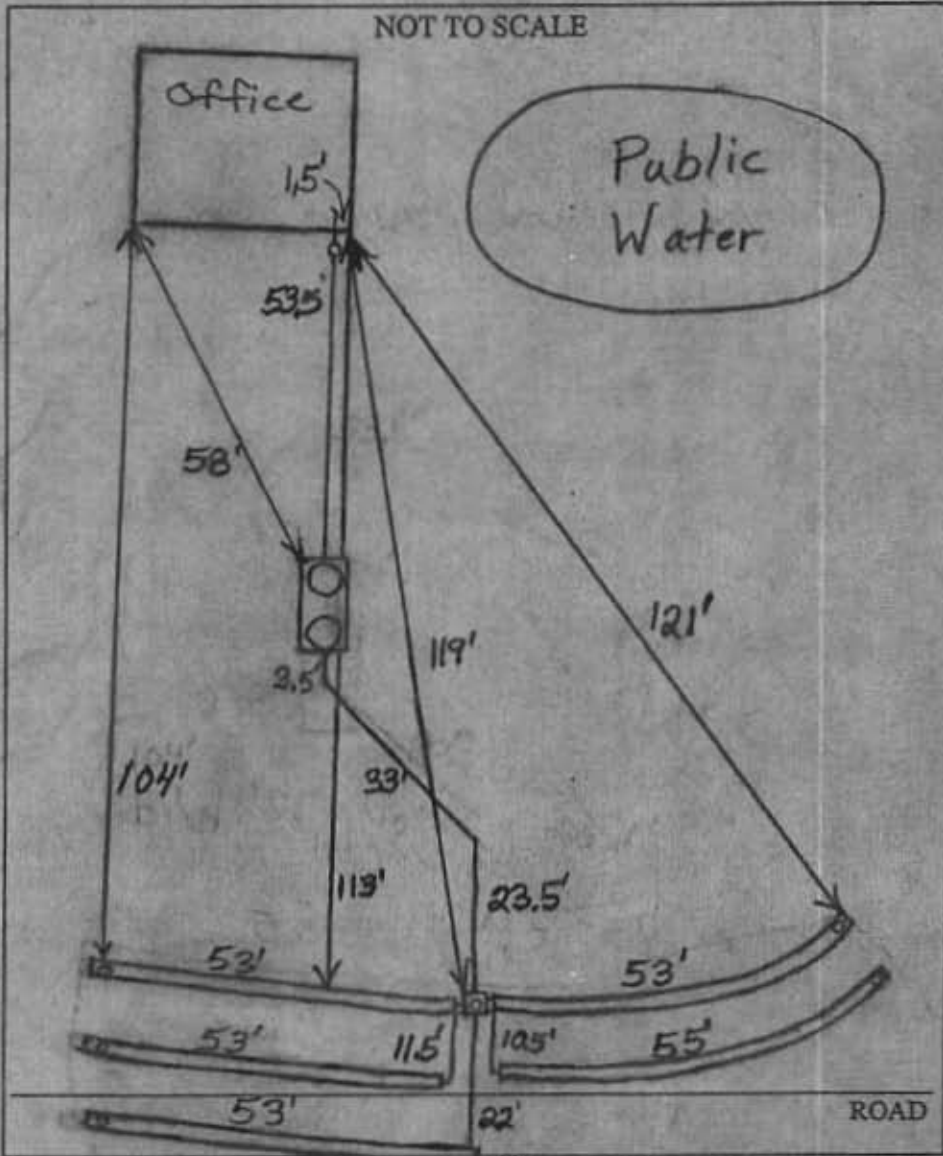
PLANS APPROVED: Sara Fegel DATE: 8/28/07

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED

**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  
CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

4516985-H

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	45'-5'	8.5'
NUMBER OF TRENCHES		5
TOTAL LENGTH		267'
ABSORPTION AREA		534 ft <sup>2</sup>
DISTRIBUTION BOX LEVEL		Level as
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	15'-25'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front & Rear
6" PORT LOC	None
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 9/28/07 Septic system resized for a five bedroom house. Septic system was originally sized for the temporary office. Tank installed and office connection made (BB) 10/2/07 System for proposed future 5 bedroom house finished. O.K. to cover, (BB)

FINAL INSPECTOR B. Baker DATE OF APPROVAL 10/2/2007

FREDERICK ROAD  
 MARYLAND ROUTE 144  
 Minor Arterial (Scenic Road)  
 422.96'


N70°36'11"W

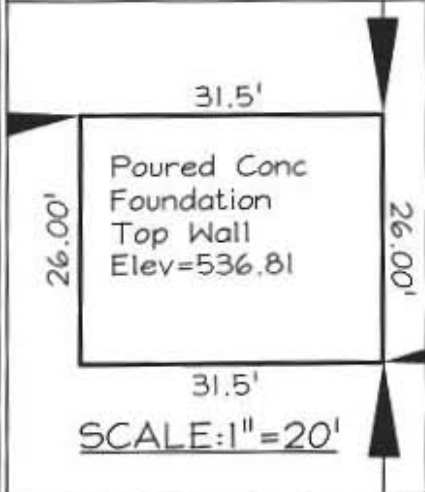
WILLOW RIDGE NON-BUILDABLE  
 PRESERVATION PARCEL 'D'  
 ZONED: RC-DEO

LOT 3  
 POLANSKY  
 SUBDIVISION  
 PLAT #18163  
 ZONED: RC-DEO

PARCEL 89  
 WILLOW BROOK L.L.C.  
 L. 9843 F. 37  
 ZONED: RC-DEO

Maryland State Grid (NAD 83)  
 (10/83)

9/18/07  
 wall check OK  




- F/P = FIREPLACE
- B/W = BAY WINDOW
- D/W = DRIVEWAY
- CONC = CONCRETE
- O/H = OVERHANG
- H/P = HEAT PUMP
- G/M = GAS METER
- E/M = ELECTRIC METER

DIMENSIONS FROM FOUN. WALL TO PROPERTY LINE ARE +/-0.1'  
 ADDRESS No.: 11434 FREDERICK ROAD  
 TOP OF WALL ELEV. = 536.81

THIS LOCATION DRAWING IS OF BENEFIT TO THE CONSUMER ONLY  
 INSOFAR AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE  
 COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED  
 TRANSFER, FINANCING OR REFINANCING.  
 THIS LOCATION DRAWING IS NOT TO BE RELIED UPON FOR THE ES-  
 TABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS, OR  
 OTHER EXISTING OR FUTURE IMPROVEMENTS.  
 THIS LOCATION DRAWING DOES NOT PROVIDE FOR THE  
 ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT  
 SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER  
 OF TITLE OR SECURING FINANCING OR REFINANCING.

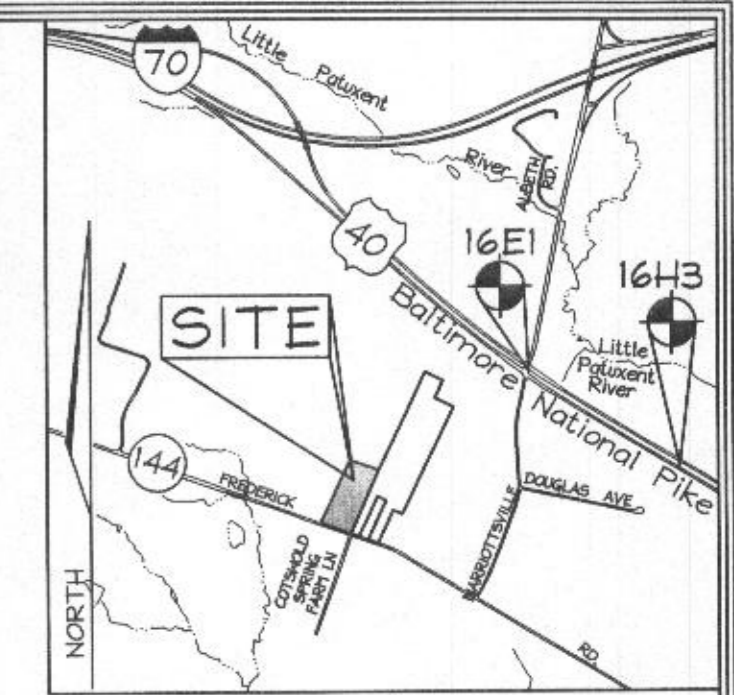
# FSH Associates

Engineers Planners Surveyors  
 6339 Howard Lane, Elkridge, MD 21075  
 Tel: 410-567-5200 Fax: 410-796-1562  
 E-mail: FSHERI.COM

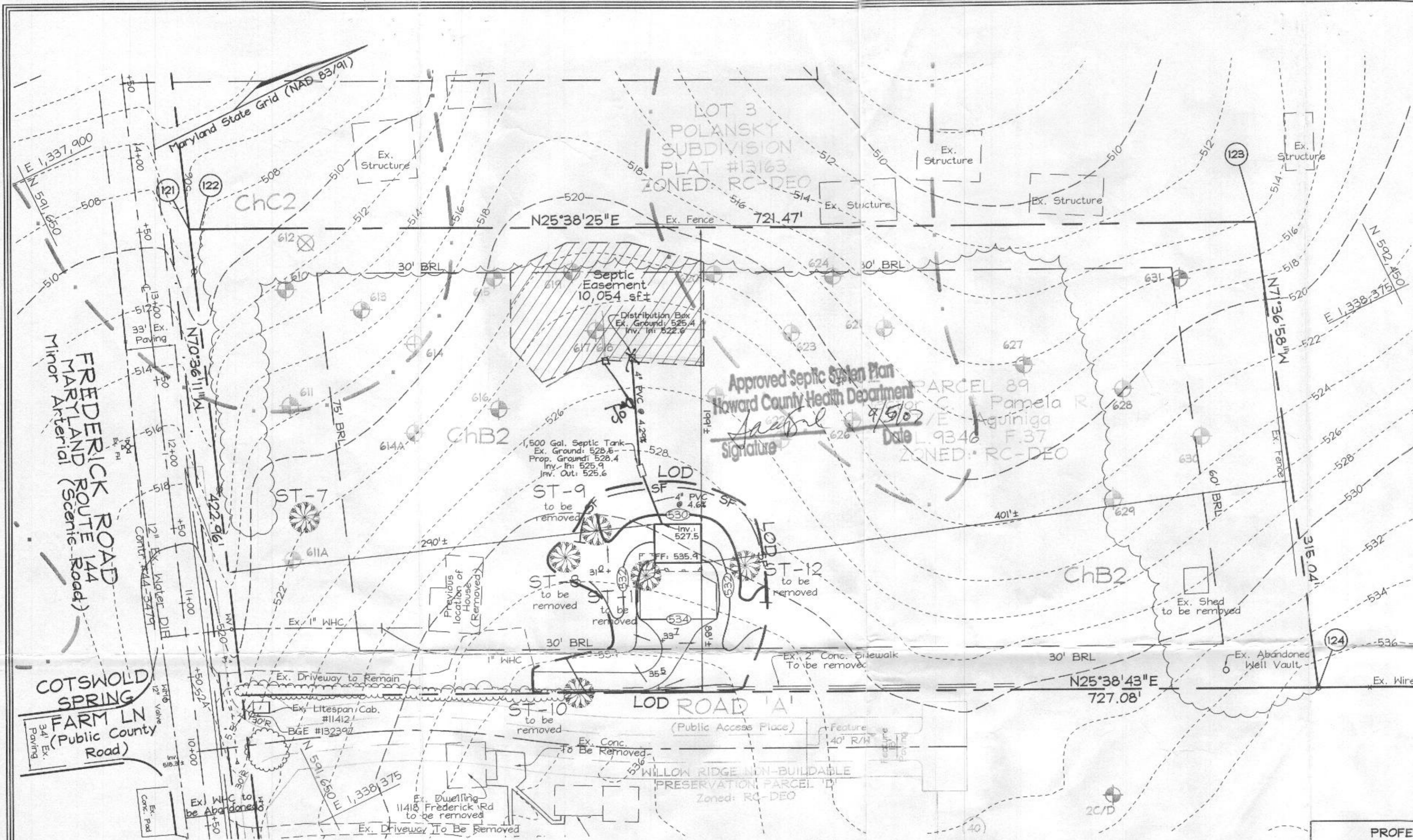
WALL CHECK	
FOUNDATION	Date: 9/12/07
FINAL	Date:
DRAWN BY:	RJS
SCALE:	1"=100'
W.O. No.:	3275



PARCEL 89  
 11434 FREDERICK ROAD  
 WILLOW BROOK L.L.C.  
 PLAT #18169  
 TAX MAP 16 GRID 15 PARCEL 89  
 3RD ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND



VICINITY MAP  
SCALE: 1"=2000'  
ADC MAP 10 K5



PLAN VIEW  
SCALE: 1"=50'

**LEGEND**

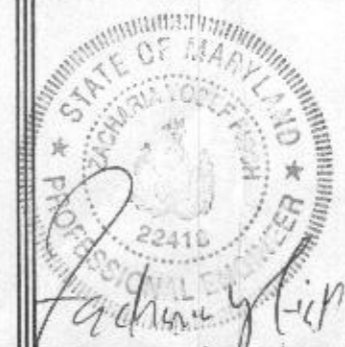
Existing Contour	---382---
Proposed Contour	---(82)---
Spot Elevation	+82.53
Direction of Flow	---
Tree Protection Fence	(Symbol)
Existing Trees to Remain	(Symbol)
Silt Fence	SF --- SF
Limit of Disturbance	--- LOD ---
Soil Boundary	--- Soil Boundary ---
Percolation Test Passed	(Symbol)
Percolation Test Failed	(Symbol)

**PROFESSIONAL CERTIFICATION**  
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. #22418, Expiration Date: July 2009.

**OWNER/DEVELOPER**  
GREENFIELD HOMES, Inc. & Willow Brook LLC  
6656 Luster Drive  
Highland, Maryland 20777  
(410) 781-6782

**PLOT PLAN**  
**AGUINIGA PROPERTY**  
PARCEL 89  
FREDERICK ROAD AT COTSWOLD SPRING FARM LANE

TAX MAP 16 GRID 15  
3RD ELECTION DISTRICT  
PARCELS 89  
HOWARD COUNTY, MARYLAND

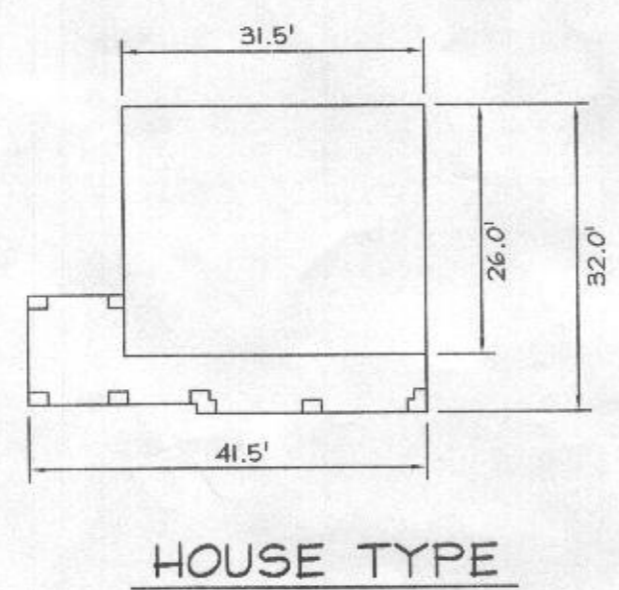


**FSH Associates**  
Engineers Planners Surveyors  
6339 Howard Lane, Elkridge, MD 21075  
Tel: 410-567-5200 Fax: 410-796-1562  
E-mail: info@fsheri.com

DESIGN BY: AY  
DRAWN BY: AY  
CHECKED BY: ZYF  
SCALE: As shown  
DATE: Sep 4, 2007  
W.O. No.: 3033  
SHEET No.: 1 OF 1

**BENCHMARKS**  
Coordinates based on NAD'83, Maryland coordinate system as projected by Howard County geodetic control stations no. 16E1 and no. 16H3 denotes approximate location (see vicinity map).  
Sta. 16E1 N 593,250.9638 E 1,340,192.7010 El.: 463.893  
Sta. 16H3 N 592,408.0425 E 1,341,523.9677 El.: 469.712

- GENERAL NOTES**
- This property is zoned "RC-DEO" per the 02/02/04 Comprehensive Zoning Plan and the Comp Lite Zoning Regulations Amendments effective 07/28/06.
  - Total area of property = 5.143 ac.±
  - Public water and private sewer will be used within this site.
  - This area designates a private sewage easement, of at least 10,000 SF as required by the Maryland State Department of the Environment for individual sewage disposal (COMAR 26.04.03). Improvements of any nature in this area are restricted until public sewerage is available. These easements shall become null and void upon connection to a public sewerage system. The County Health Officer shall have the authority to grant adjustments to the private sewage easement. Recordation of a modified sewage easement shall not be necessary.
  - Howard County Soil Map #15.
  - The septic fields are located on soil types ChB2, ChC2, and G1C2, per the soil survey of Howard County, Soils Map # 15.
  - On-site topography and existing utilities based on a Field Run Topographic Survey prepared by FSH Associates in July, 2003 with two foot contours. Off-site and non-critical topography based on Howard County 1998 Aerial Topographic Surveys with five foot contours.
  - Spill Material of Septic Trench Excavation shall be placed uphill of trench.
  - Water is public, Contract No. 44-3479.
  - Water Meter for Parcel 89 will be field located.



HOUSE TYPE

**SOILS LEGEND**

SYMBOL	NAME	DESCRIPTION	SOIL GROUP
ChB2	Chester silt loam,	3 to 8 percent slopes, moderately eroded	B
ChC2	Chester silt loam,	8 to 15 percent slopes, moderately eroded	B
G1C2	Glencol loam,	8 to 15 percent slopes, moderately eroded	B