

RECEIPT DATE: 12/14/12

P 544441

INSTALLATION APPROVAL DATE: \_\_\_\_\_

# PERMIT

A \_\_\_\_\_

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

PROPERTY OWNER: Frank Schittino

OWNER'S ADDRESS: 2776 Thornbrook Road, Ellicott City, MD 21042 PHONE: 443-538-3569

ADDRESS: 3760 Ivory Road TAX ACC'T #: \_\_\_\_\_

SUBDIVISION: Blouin Property LOT: 3

SEPTIC TANK CAPACITY (GALLONS): TBD

PUMP CHAMBER CAPACITY (GALLONS): TBD

NUMBER OF BEDROOMS: TBD APPLICATION RATE: TBD

SQUARE FOOTAGE OF HOUSE: TBD

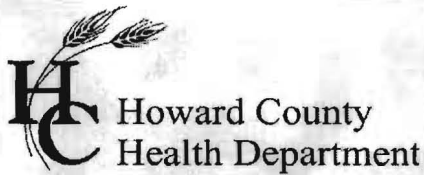
LINEAR FEET OF TRENCH REQUIRED: TBD

TRENCHES:	TO BE DETERMINED ON APPROVED SUPPLEMENTAL PLAN
LOCATION:	TO BE DETERMINED ON APPROVED SUPPLEMENTAL PLAN
NOTES:	A SUPPLEMENTAL PLAN PROVIDING SYSTEM DETAILS IS REQUIRED PRIOR TO HEALTH APPROVAL OF BUILDING PERMIT, PLOT PLAN, AND WALL CHECK. AN APPROVED WALL CHECK IS REQUIRED PRIOR TO PRE-CONSTRUCTION INSPECTION. THE OSDS PERMITTED HEREIN IS NOT SUBJECT TO REVISIONS TO COMAR 26.04.02 EFFECTIVE 1/1/2013 ON THE CONDITION THAT FINAL HEALTH APPROVAL OF THE INSTALLATION IS GRANTED PRIOR TO PERMIT EXPIRATION.

ISSUED BY: JEFF WILLIAMS ISSUE DATE: 12/14/12 EXPIRATION DATE: 12/14/13

- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- 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
- NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM

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



Bureau of Environmental Health  
 7178 Gateway Drive Columbia, MD 21046  
 (410) 313-2640 Fax (410) 313-2648  
 TDD (410) 313-2323 Toll Free 1-866-313-6300  
 website: www.hchealth.org

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

RECEIPT DATE: 12/14/12 **ONSITE SEWAGE DISPOSAL SYSTEM** P 544441

INSTALLATION APPROVAL DATE: 1/16/2014 **PERMIT** A \_\_\_\_\_  
**CONSTRUCTION**

PROPERTY ADDRESS: 3760 Ivory Road

SUBDIVISION: Blouin Property LOT: 3 TAX ID: \_\_\_\_\_

CONTRACTOR: Bill Ingram EMAIL: \_\_\_\_\_

CONTRACTOR ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

PROPERTY OWNER: Frank Schittino EMAIL: \_\_\_\_\_

OWNER ADDRESS: 2770 Thornbrook Road PHONE: 443-538-3569

SEPTIC TANK SIZE (GALLONS): 2000

PUMP CHAMBER CAPACITY (GALLONS): \_\_\_\_\_ PUMP SIZE: \_\_\_\_\_

NUMBER OF BEDROOMS: 4 HOUSE SQ. FT. 5,052 APPLICATION RATE: 0.8

DISTRIBUTION SYSTEM: GRAVITY FED  LOW PRESSURE DOSED

TRENCHES:	LINEAR FEET REQUIRED: <u>100 ~ 180'</u>	INLET DEPTH: <u>3</u>
	TRENCH WIDTH: <u>2 ~ 3'</u>	MAXIMUM BOTTOM DEPTH: <u>7.5'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>9</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>3.5</u>
LOCATION:	PER APPROVED SITE PLAN, SEWAGE DISPOSAL AREA MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Set septic tank and pump tank per plan. Set distribution box in center of upper SDA, per layout. Install 2 x 50' trenches on contour in upper SDA.  <u>40', 60' + 80'</u> <u>Trenches</u>	

ISSUED BY: Robert Bricker ISSUE DATE: \_\_\_\_\_ EXPIRATION DATE: 12/14/13

- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADIENT FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- 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 TO SCHEDULE INSPECTIONS.**

NOT TO SCALE

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	~3'	~5'
NUMBER OF TRENCHES 3		
TOTAL LENGTH ~189'		
ABSORPTION AREA ~567+Sidewall		
DISTRIBUTION BOX LEVEL Levelers?		
DISTRIBUTION BOX BAFFLE Yes		
DISTRIBUTION BOX PORT Yes		

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	0.5'-1
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	No
SLOTTED	Yes
DATE ON LID	Dry

~~PUMP/SEPTIC TANK LEVEL N/A~~

MANUFACTURER	
CAPACITY	GAL
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	
DATE ON LID	

See As-Built Drawing  
On Separate Sheet

2/10/2014 Stopped and got better dist. box  
and trench end locations. (BB)

ROAD NAME

PRE-CONSTRUCTION:

11/21/2013 Keep septic tank somewhat close to septic ease-  
ment. Install three trenches on contour across the top  
of the easement. Keep bottom of trenches level. (BB)

INSTALLATION:

11/26/2013 Tank set. Dist. box set. House connection  
made. (BB)

1/30/2014 Final inspection of trenches, tank and dist. box  
never done. Inadequate time to perform inspections  
due to rush to install septic systems throughout  
county before permits expire. Since 2012 permits expire  
pretreatment will be mandatory on systems with

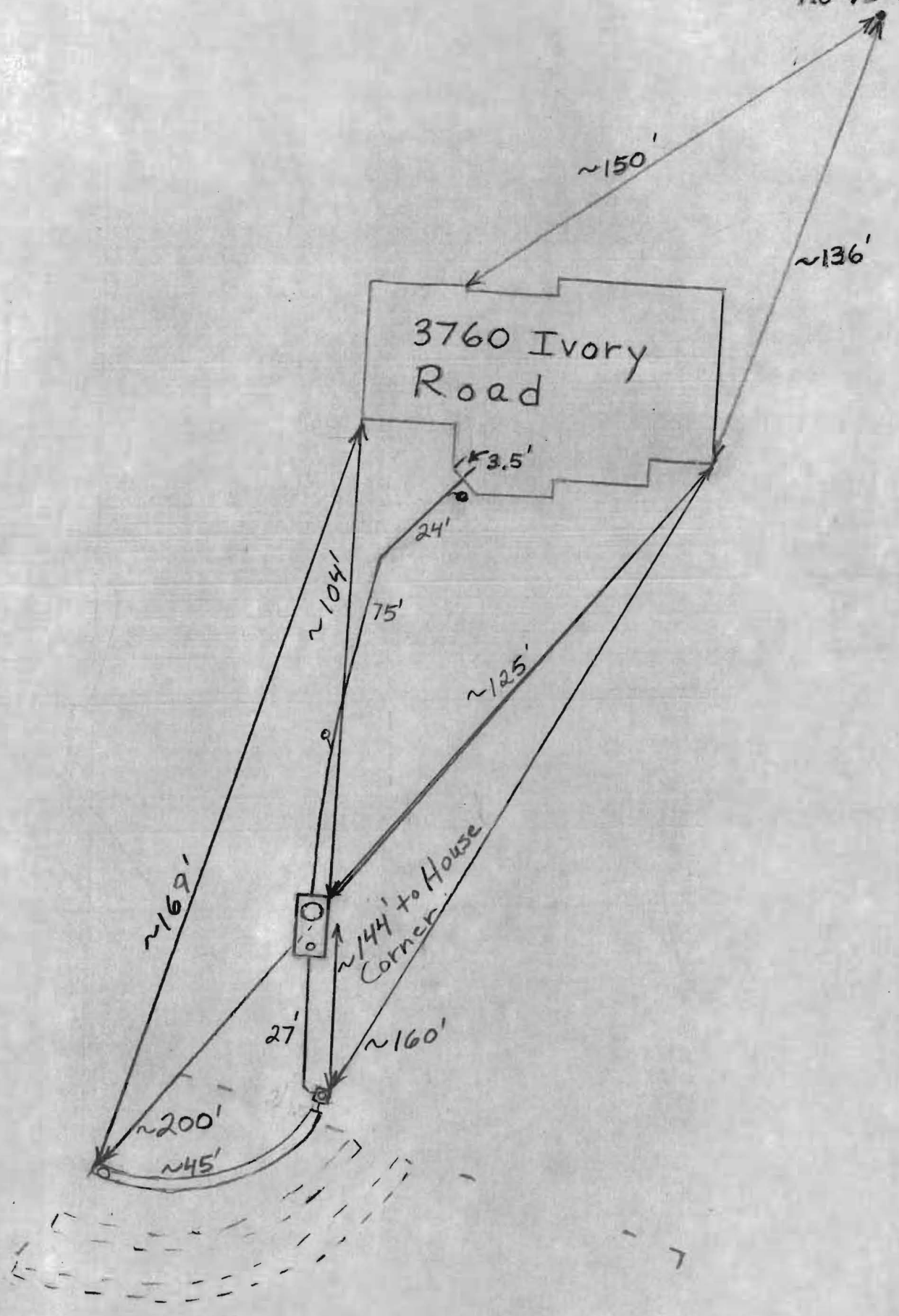
FINAL INSPECTOR

None

DATE OF APPROVAL

1/16/2014

concurrent cost increase for pretreatment. Installer  
submitted poor as-built drawing and pictures before covering. (BB)



3760 Ivory Road

~144' to House Corner

~169'

~104'

~125'

~160'

27'

~200'

~45'

~150'

~136'

3.5'

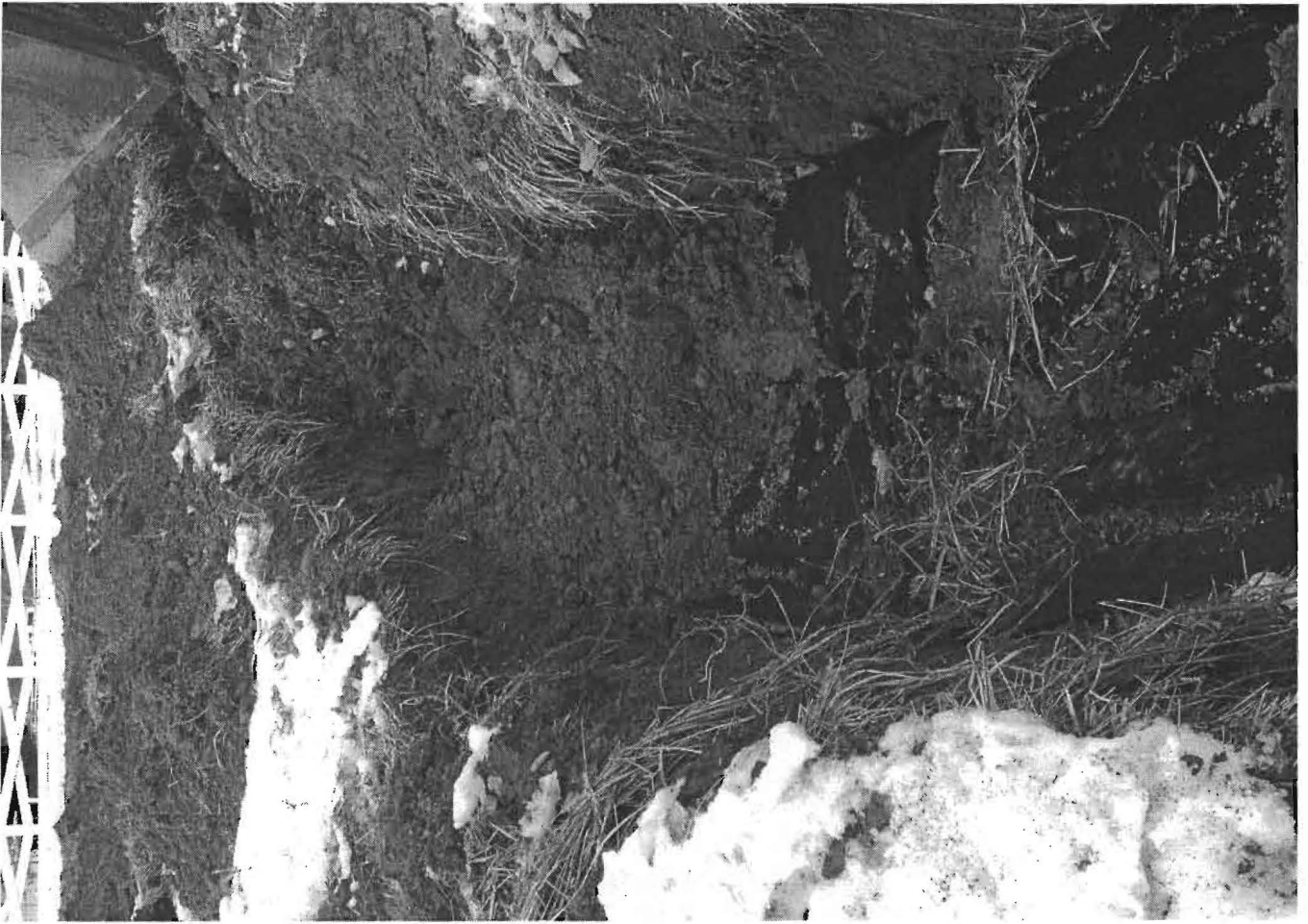
24'

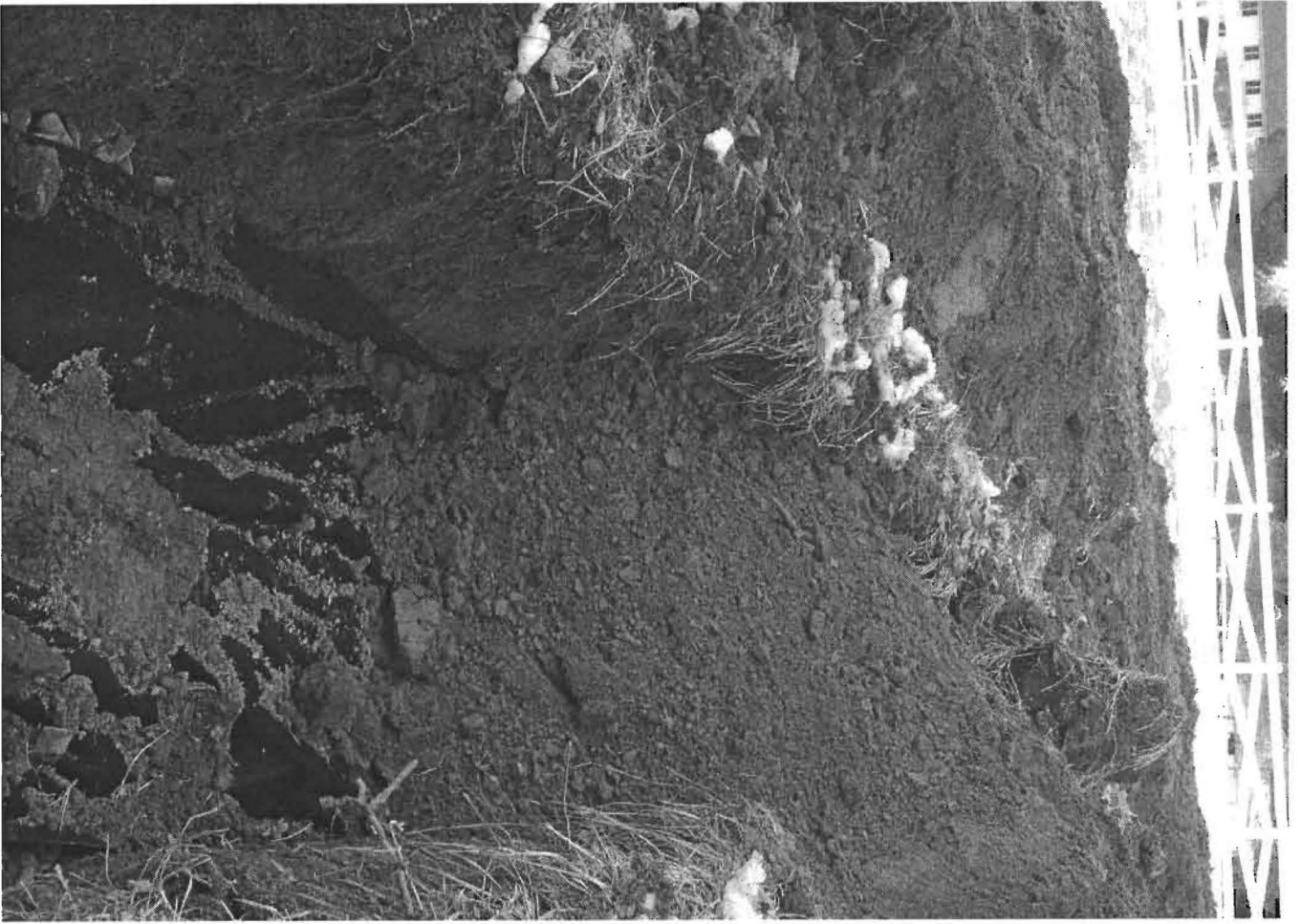
75'

←

7

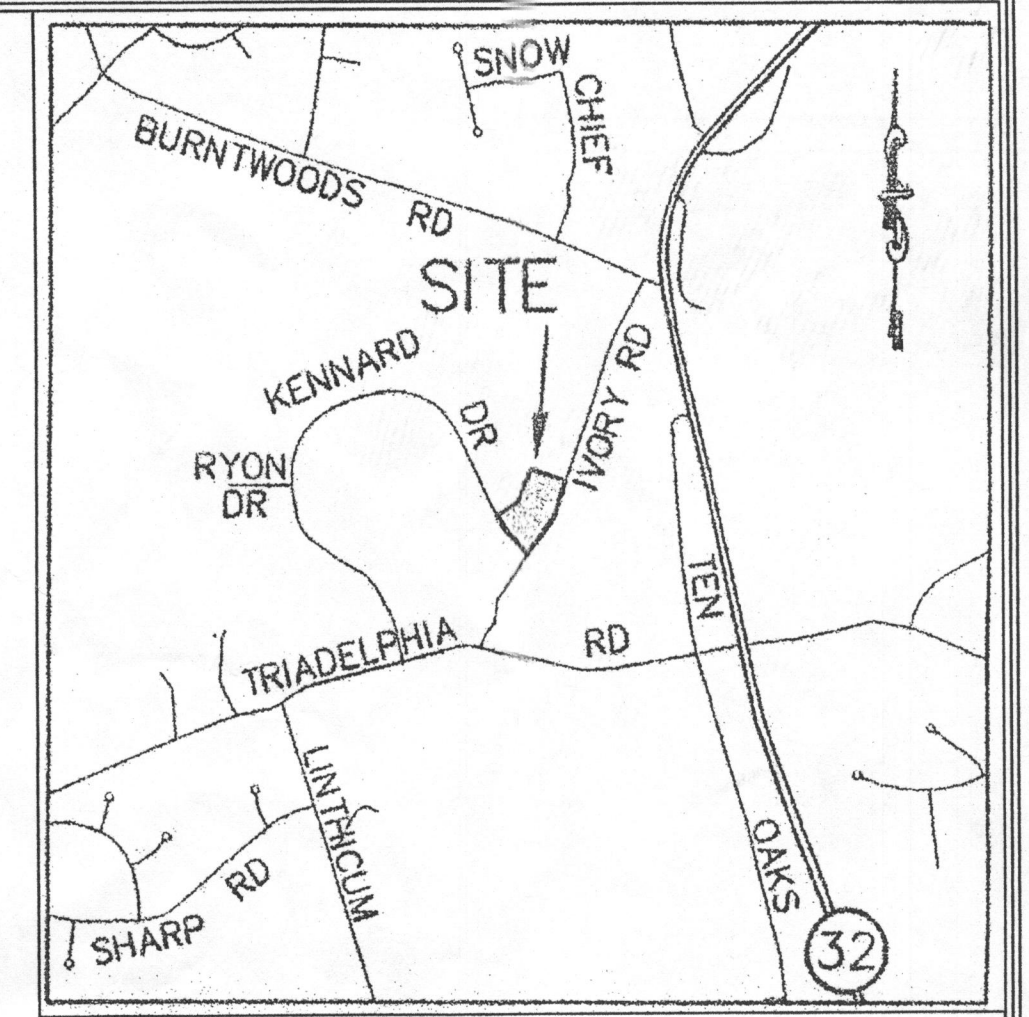








SOILS LEGEND		
SYMBOL	NAME / DESCRIPTION	SOIL GROUP
ChB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B
EkB2	Elloak silt loam, 3 to 8 percent slopes, moderately eroded	C
EkC2	Elloak silt loam, 8 to 15 percent slopes, moderately eroded	C
KeB2	Kelly silt loam, 3 to 8 percent slopes, moderately eroded	D



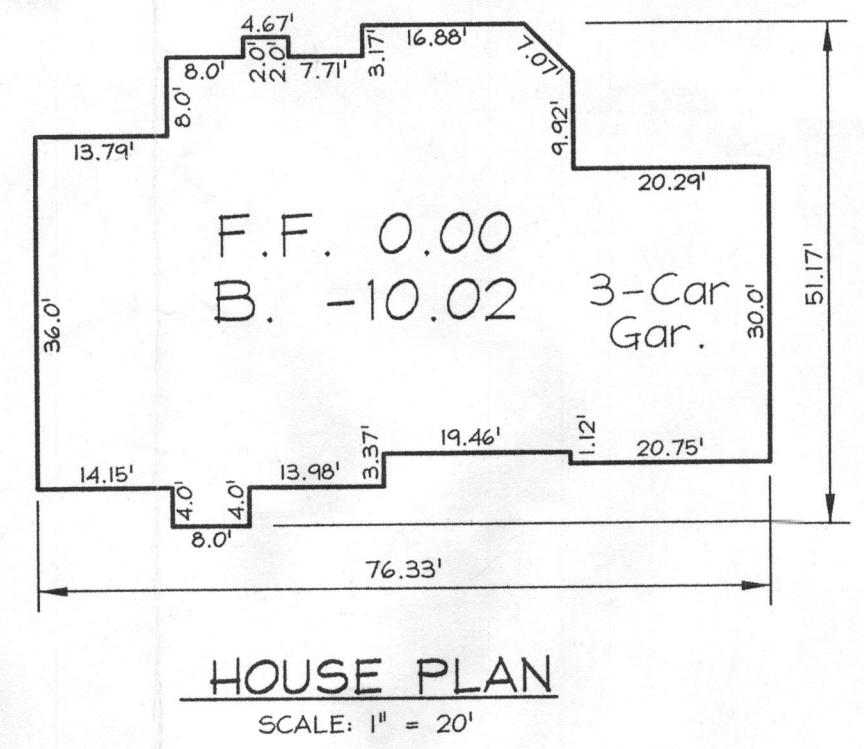
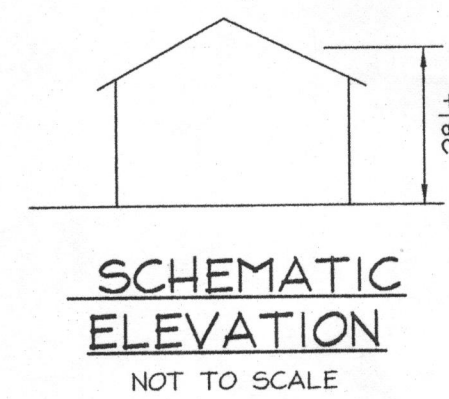
VICINITY MAP  
SCALE: 1"=2000'  
ADC MAP 10 K5

LEGEND

Existing Contour	-----	-302
Proposed Contour	-----	-302
Spot Elevation		+625.2
Direction of Flow	----->	
Super Silt Fence	SSF-----SSF	
Silt Fence	SF-----SF	
Limit of Disturbance	-----	LOD
Soil Boundary	-----	
SNM Disconnect Flow (75')	----->	
SNM Disconnect Area	▨	

GENERAL NOTES

1. This property is zoned "RR-DEO" per the 02/02/04 Comprehensive Zoning Plan and the Comp Lite Zoning Regulations Amendments effective 07/26/06.
2. Total area of property is 136,514 sq ft or 3.11 ac.
3. Private well water and private septic will serve this lot.
4. Topography based on a Field Run Topographic Survey prepared by AB Consultants, Inc. about 2005.
5. SNM for house is provided by rooftop and non-rooftop disconnects.



PLOT PLAN  
SCALE: 1" = 30'

CONTRACT PURCHASER  
Mr. Frank Schittino  
Mrs. Eileen Schittino  
2776 Thornbrook Rd.  
Ellicott City, MD 21042

OWNER  
Mr. Joseph Blouin  
13800 Kennard Drive  
Glenelg, MD 21737-9746  
410-489-9394

SEPTIC PERMIT PLAN  
BLOUIN PROPERTY  
LOT 3  
Plat #18798

TAX MAP 22 3rd ELECTION DISTRICT PARCEL 533, LOT 1 HOWARD COUNTY, MARYLAND

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: 07/29/2013.

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

DESIGN BY: CRH2  
DRAWN BY: CRH2  
CHECKED BY: ZYF  
SCALE: 1" = 30'  
DATE: Dec. 13, 2012  
W.O. No.: 3199  
SHEET No.: 1 OF 1