

LAYOUT 12/19/2013 INSP 4 \_\_\_\_\_  
 INSP 2 \_\_\_\_\_ INSP 5 \_\_\_\_\_  
 INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 12/4/12

# PERMIT

P 544410-A

APPROVAL DATE: 3/18/2013

A Upgrade

Tax ID # 1404310365

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

Cumberland & Co. IS PERMITTED TO INSTALL  ALTER

ADDRESS: \_\_\_\_\_ PHONE NUMBER: 301-252-1122

SUBDIVISION: N/A LOT NUMBER: N/A

ADDRESS: 2790 Florence Rd. PROPERTY OWNER: Keith Ohlinger

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): NA COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 5 APPLICATION RATE: 1.2 ?

SQUARE FOOTAGE OF HOUSE: >3,500 *Trenches 3' Wide*  
*Inlet 4'*  
*Bottom 7'*

LINEAR FEET OF TRENCH REQUIRED: 130' *55' + 75' Trenches*

TRENCHES:	Trenches to be 3 feet wide. Inlet <u>3</u> feet below original grade with <u>3</u> feet of stone below distribution pipe. Bottom maximum depth is <u>6</u> feet below grade. Effective area begins at <u>4</u> feet below original grade. Maintain at least <u>9</u> feet spacing between trenches.
LOCATION:	Set septic tank per layout. Set distribution box per layout. Install 2 x 65' trenches on contour beginning at highest corner of SDA. Pump and collapse existing drywell. Set new 2,000 gallon tank or install 1,000 gallon tank in series with existing tank. Add riser/manhole to ex. tank if utilized.
NOTES:	<b>Do not</b> order the septic tank until after layout inspection and Sanitarian approval. Stake septic easement corners. Call for layout inspection. Mark utilities. Gravel tickets must be available for Environmental Sanitarians. Stone must be approved by the Howard County Health Department. A written variance request is required for tanks deeper than 3 feet. A traffic bearing lid is required for tanks deeper than 4 feet.

PLANS APPROVED: Heidi Scott DATE: 11/9/2012

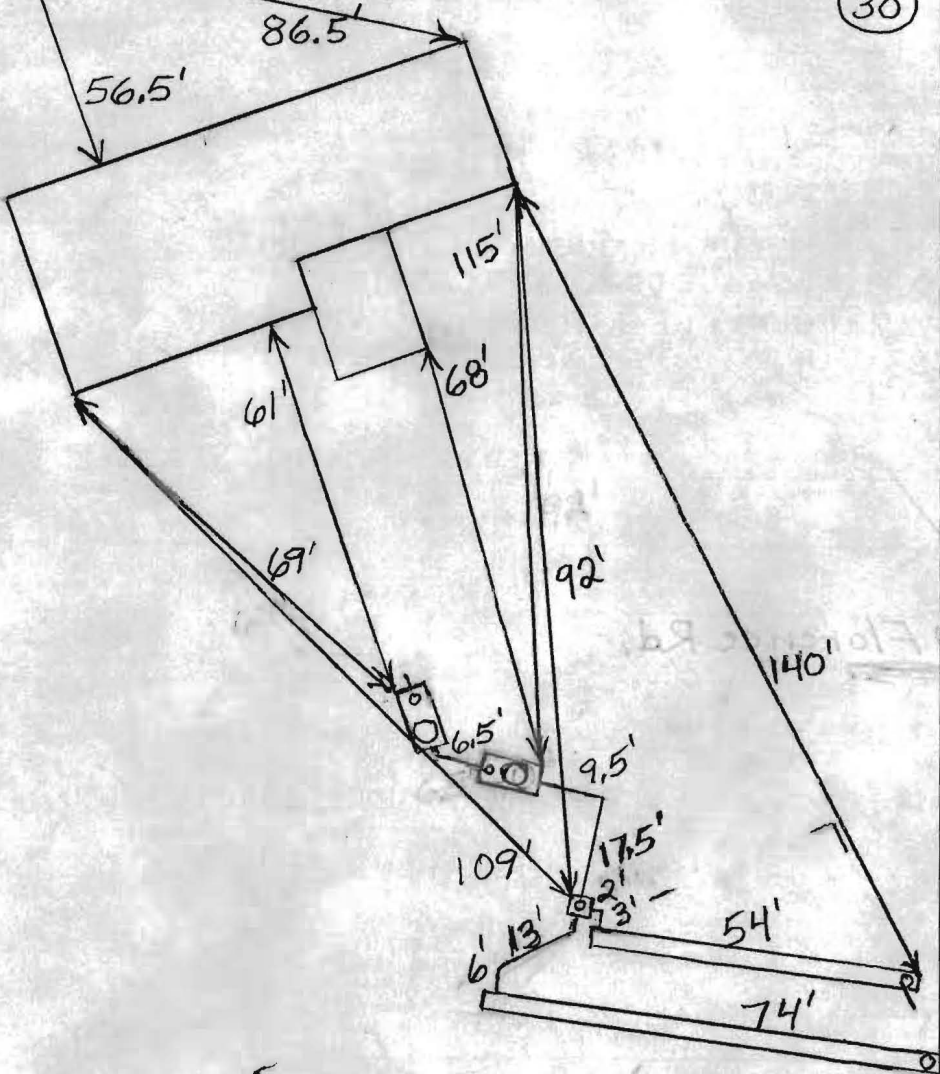
- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- 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 410-312-1771 FOR INSPECTION OF SEPTIC SYSTEM

HO-73-0279

NOT TO SCALE

(30)



ROAD NAME

**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
3'	4'	7'
NUMBER OF TRENCHES		2
TOTAL LENGTH		120'
ABSORPTION AREA		384 + Sidewall
DISTRIBUTION BOX LEVEL		Le cyclers
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

**SEPTIC TANK DATA**

SEPTIC TANK I LEVEL	Yes
MANUFACTURER	?
CAPACITY	? GAL
SEAM LOC	Midseam
TANK LID DEPTH	1-1.5'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Rear
6" PORT LOC	Front
WATERTIGHT TEST	No
SLOTTED	No
DATE ON LID	Dry
PUMP/SEPTIC TANK LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	1000 GAL
SEAM LOC	Top
TANK LID DEPTH	0.5-1'
BAFFLES	Front
BAFFLE FILTER	No
MANHOLE LOC	Middle
6" PORT LOC	Front
WATERTIGHT TEST	No
SLOTTED	No
DATE ON LID	1/21/2013

**PRE-CONSTRUCTION:**

12/19/2012 Install an upper 55' and lower 75' trench on contour across the highest part of the septic easement, O.K. to set a 1000 gallon tank behind the existing tank. Put the dist. box near the top middle of the easement. Need pump and alarm test. (BB)

**INSTALLATION:**

3/18/2013 Pump and alarm working. (BB)

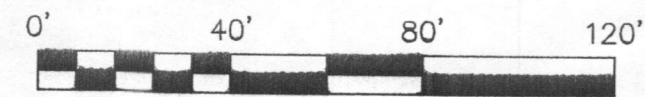
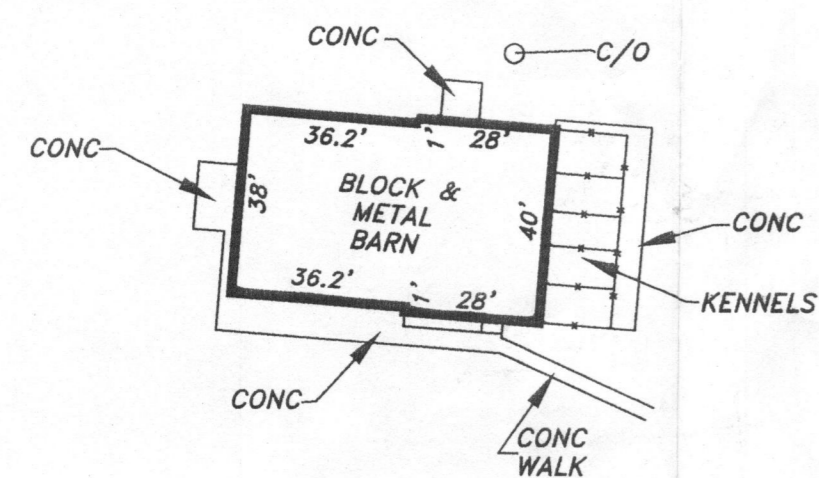
FINAL INSPECTOR

B. Baker

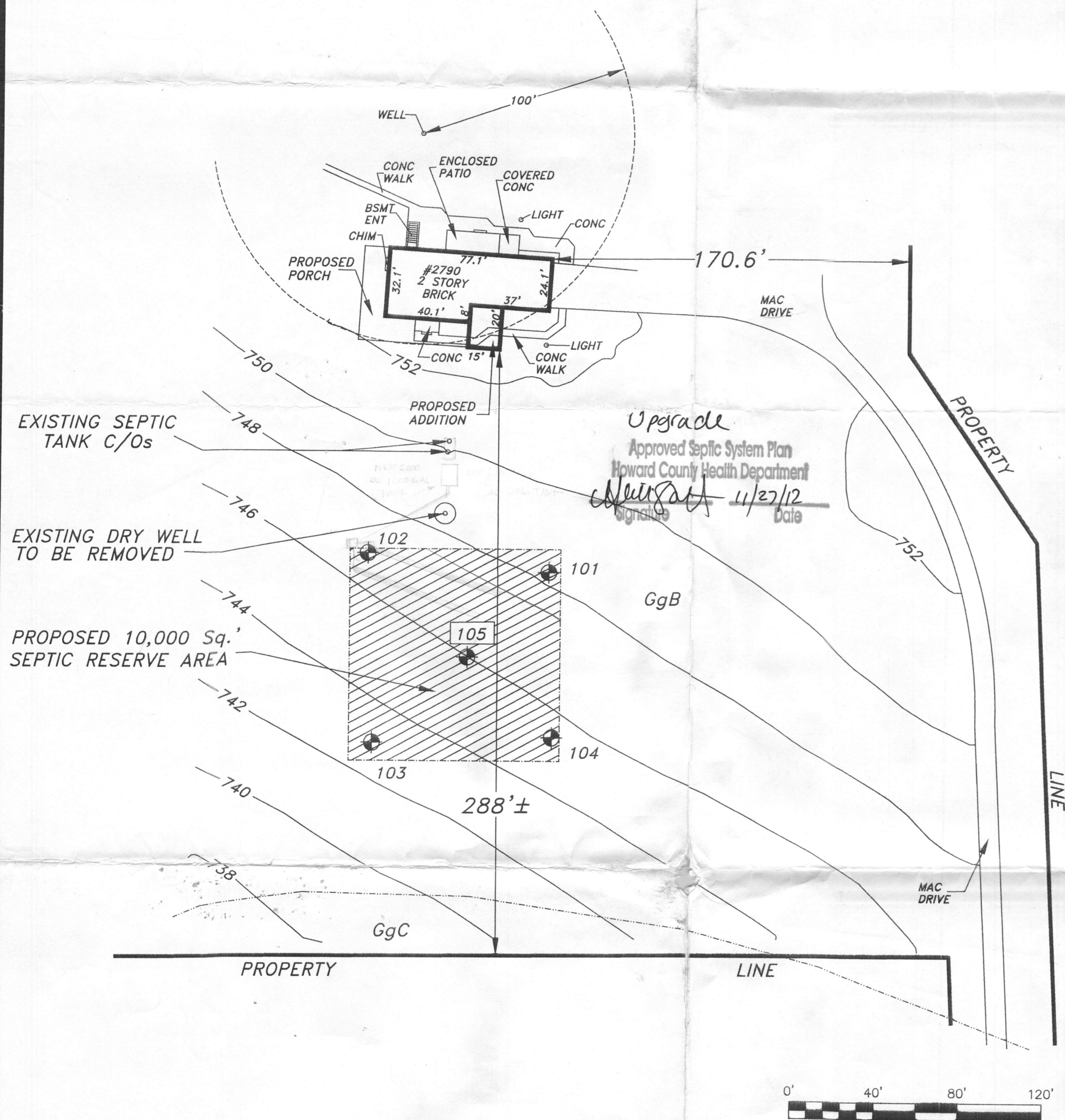
DATE OF APPROVAL

3/18/2013

**BARN DETAIL**  
SCALE: 1"=40'



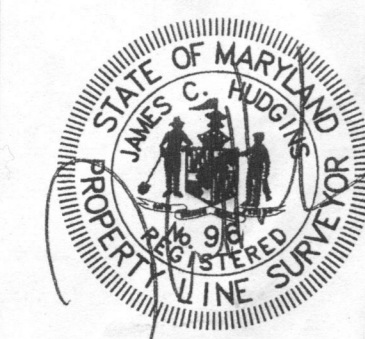
**HOUSE DETAIL**  
SCALE: 1"=40'



This is to certify that I have surveyed the property shown hereon, being known as # 2790 FLORENCE ROAD as described in a deed and recorded among the land records of Howard County, Maryland in Liber 14058, folio 452 for the purpose of locating or setting the corners thereof.

Subject property is shown in Zone C on the FIRM Map of Howard County, Maryland on Community Panel Number 240044 0007 B, effective 4/2/1997. PANEL NOT PRINTED

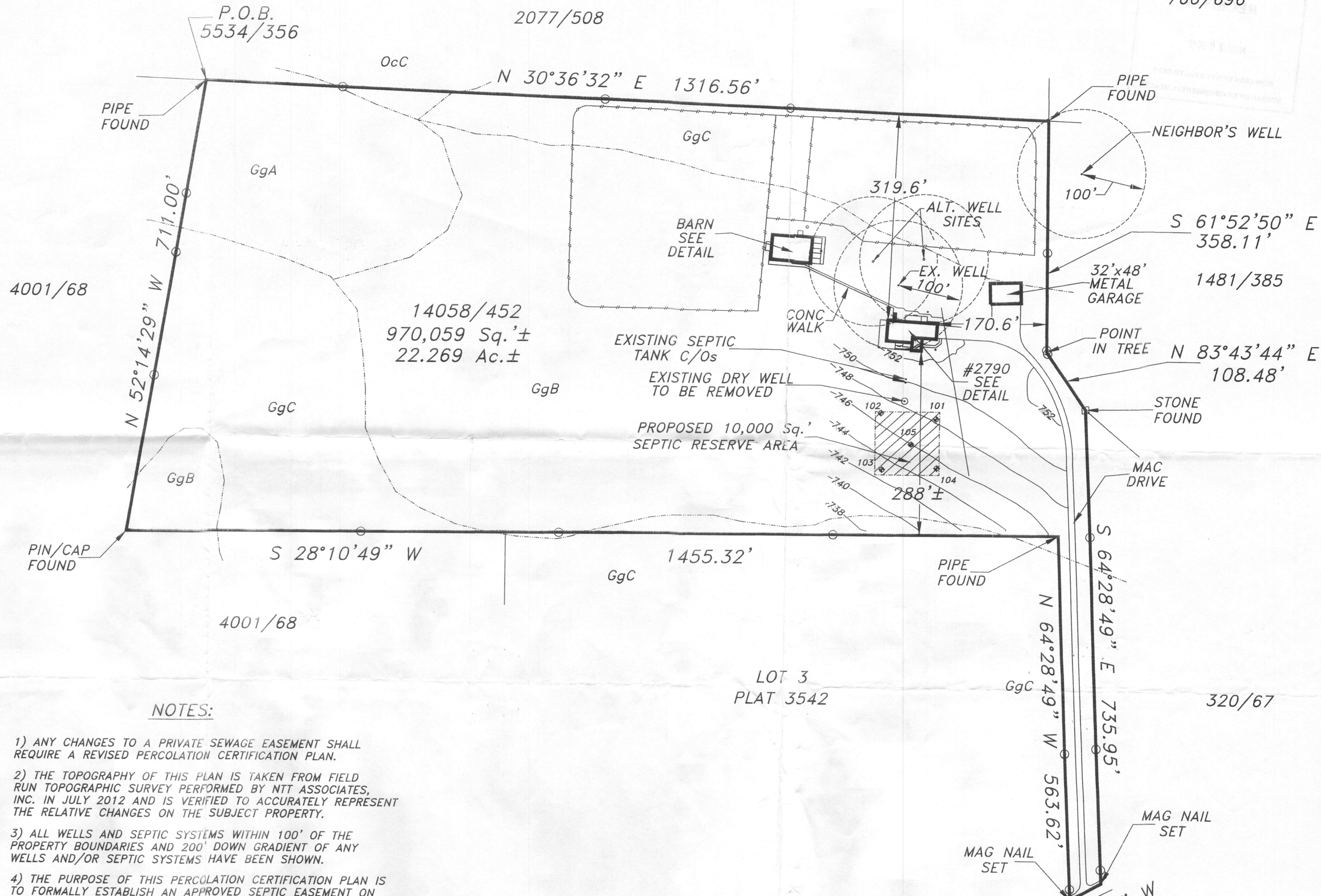
**OWNER/DEVELOPER**  
KEITH OHLINGER  
2790 FLORENCE ROAD  
WOODBINE, MD 21797  
(301) 460-7004



J. Carl Hudgins PLS #15  
Expiration Date: 3/11/14

**PERCOLATION CERTIFICATION PLAN**  
2790 FLORENCE ROAD  
TAX MAP 7, PARCEL 354  
4th ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

**NTT Associates, Inc.** Scale: 1"=100'  
16205 Old Frederick Rd. Date: 9/27/2012  
Mt. Airy, Maryland 21771  
Phone: (410) 442-2031  
Fax: (410) 442-1315  
www.nttsurveyors.com  
Field By: SCK  
Drawn By: SCK  
Drawing # 71213HRS(d)



**NOTES:**

- 1) ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- 2) THE TOPOGRAPHY OF THIS PLAN IS TAKEN FROM FIELD RUN TOPOGRAPHIC SURVEY PERFORMED BY NTT ASSOCIATES, INC. IN JULY 2012 AND IS VERIFIED TO ACCURATELY REPRESENT THE RELATIVE CHANGES ON THE SUBJECT PROPERTY.
- 3) ALL WELLS AND SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.
- 4) THE PURPOSE OF THIS PERCOLATION CERTIFICATION PLAN IS TO FORMALLY ESTABLISH AN APPROVED SEPTIC EASEMENT ON THE PROPERTY IN ACCORDANCE WITH HOWARD COUNTY CODE.
- 5) ELEVATIONS SHOWN ARE IN NGVD29 DATUM BASED UPON HOWARD COUNTY MONUMENT 07GB.
- 6) PROPERTY SHOWN HEREON IS SUBJECT TO A DEED OF AGRICULTURAL PRESERVATION EASEMENT RECORDED IN LIBER 3410, FOLIO 57, ALSO SEE PLAT 11563.
- 7) THE SOIL TYPE BOUNDARIES SHOWN HEREON WERE SCALED FROM THE WEB SOIL SURVEY APPLICATION FROM THE USDA WEB SITE.
- 8) THE BEARINGS AND NORTH ARROW SHOWN HEREON ARE IN THE MERIDIAN OF THE PLAT ENTITLED "PLAT OF EASEMENT PROPERTY OF LEON A. BREAUULT, JR. AND BETTY BREAUULT" RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND AS PLAT NUMBER 11563.
- 9) ⊕ DENOTES PASSED PERCOLATION TEST HOLE
- 10) THE PROPOSED ADDITION WILL ADD ONE BEDROOM, FOR A TOTAL OF FIVE BEDROOMS IN THE HOUSE.
- 11) FUTURE USE OF THE EXISTING BARN COULD NECESSITATE REVIEW OF EXISTING FLOOR DRAINS AND DISCHARGE.

THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THE SEWAGE DISPOSAL AREA 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 RECORDED OF A REVISED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

"APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS"  
Borden for Mauro Rossman 11/8/2012  
HEALTH OFFICER, HOWARD COUNTY HEALTH DEPARTMENT  
DATE

