

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

ISSUE DATE: 06/03/2010

PERMIT

P 533273

APPROVAL DATE: _____

A _____

Tax ID # 044366492
ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

Arthur Crofton IS PERMITTED TO INSTALL ALTER

ADDRESS: 15024 Kenwood Ct PHONE NUMBER: _____

SUBDIVISION: The Woods at Wellington LOT NUMBER: 4

ADDRESS: 2959 Hunt Valley Road PROPERTY OWNER: Tim and Gina Pearson

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

PUMP CHAMBER CAPACITY (GALLONS): _____ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 6 APPLICATION RATE: 0.8

SQUARE FOOTAGE OF HOUSE: >4500

LINEAR FEET OF TRENCH REQUIRED: 239 100' If Possible, Minimum of 75'

*Trenches 2' Wide
 Inlet 4.5', Bottom 8'*

| | |
|-----------|--|
| TRENCHES: | Trenches to be <u>2</u> feet wide. Inlet <u>4.5</u> feet below original grade. Bottom maximum depth <u>8</u> feet below original grade. Effective area begins at <u>4.5</u> feet below original grade with <u>2</u> feet of stone below distribution pipe. |
| LOCATION: | For layout inspection Expose top 2 trenches. Location of new distribution box at beginning of 2 nd trench. Stake proposed corners of new addition. Indicate location of new 2000 gallon septic tank. When replacement tank installed pump and crush existing septic tank. |
| NOTES: | Do not order the septic tank until after layout inspection and Sanitarian approval. Stake 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: Dana Bernard DATE: 6/2/10

- 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

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

NOT TO SCALE

See As-Built Drawing
On Separate Sheet

TRENCH/DRAINFIELD DATA

| | | |
|--|-------------|-----------|
| WIDTH | INLET | BOTTOM |
| <u>2'</u> | <u>4.5'</u> | <u>8'</u> |
| NUMBER OF TRENCHES <u>1</u> | | |
| TOTAL LENGTH <u>84'</u> | | |
| ABSORPTION AREA _____ | | |
| DISTRIBUTION BOX LEVEL <u>Levelers</u> | | |
| DISTRIBUTION BOX BAFFLE <u>Yes</u> | | |
| DISTRIBUTION BOX PORT <u>Yes</u> | | |

SEPTIC TANK DATA

| | |
|------------------------|-----------------|
| SEPTIC TANK I LEVEL | <u>Yes</u> |
| MANUFACTURER | <u>Babylon</u> |
| CAPACITY | <u>2000</u> GAL |
| SEAM LOC | <u>Top</u> |
| TANK LID DEPTH | <u>0.5-2'?</u> |
| BAFFLES | <u>Yes</u> |
| BAFFLE FILTER | <u>No</u> |
| MANHOLE LOC | <u>Front</u> |
| 6" PORT LOC | <u>Rear</u> |
| WATERTIGHT TEST | <u>No</u> |
| SLOTTED | <u>Yes</u> |
| PUMP/SEPTIC TANK LEVEL | <u>N/A</u> |
| MANUFACTURER | _____ |
| CAPACITY | _____ GAL |
| SEAM LOC | _____ |
| TANK LID DEPTH | _____ |
| BAFFLES | _____ |
| BAFFLE FILTER | _____ |
| MANHOLE LOC | _____ |
| 6" PORT LOC | _____ |
| WATERTIGHT TEST | _____ |
| SLOTTED | _____ |

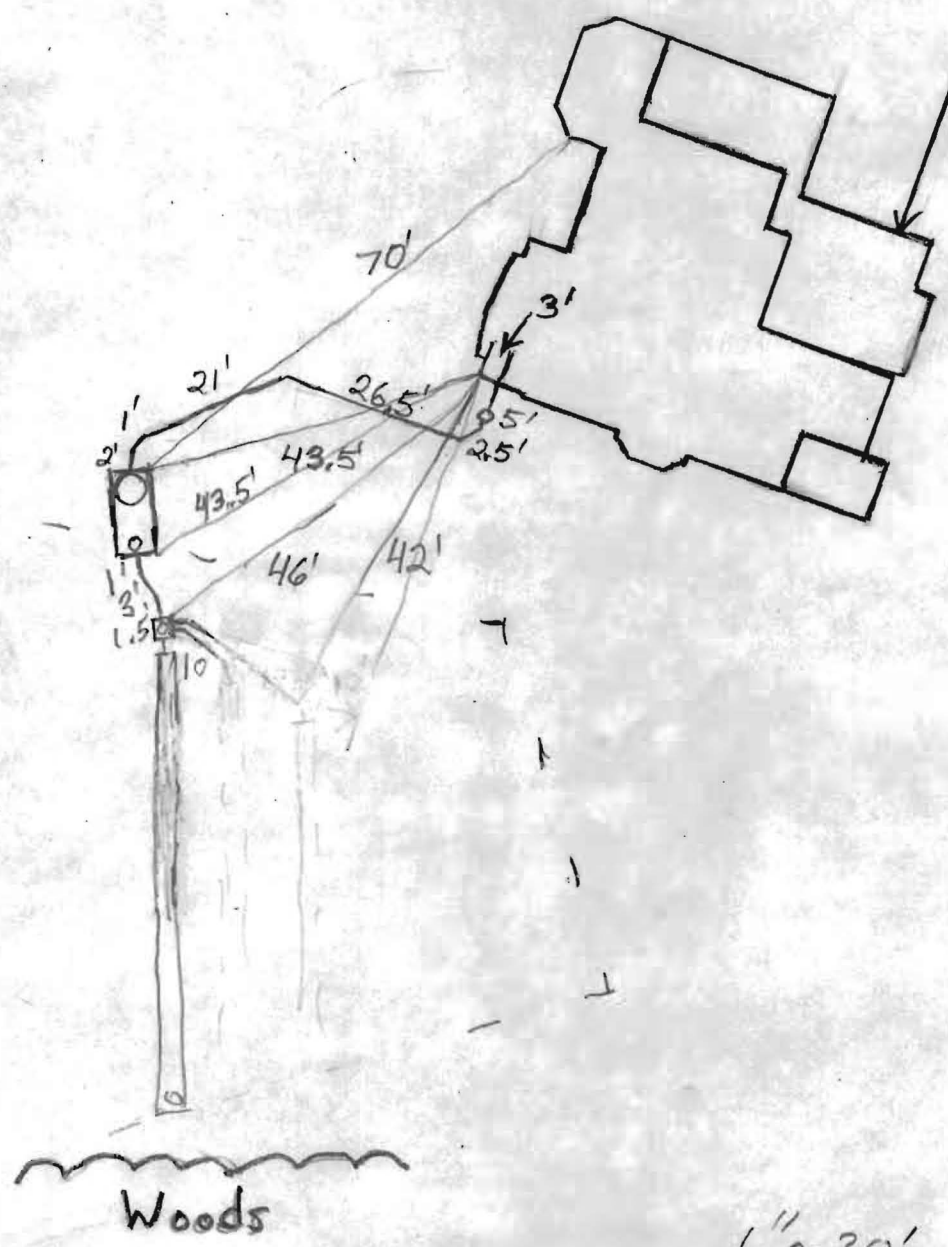
PRE-CONSTRUCTION

6/7/2010

6/8/10
 INSTALLATION: 6/15/2010 6/16/10 -> Final

FINAL INSPECTOR _____ DATE OF APPROVAL _____

HO-94-2938
10'
Driveway



NOT TO SCALE

1" = 30'

NOTES:

THE PURPOSE OF THIS PERCOLATION CERTIFICATION REVISION IS TO ADJUST THE SEPTIC RESERVE AREA ON THE SUBJECT PROPERTY TO INCLUDE ONLY SUITABLE AREA, IN SUPPORT OF A BUILDING PERMIT APPLICATION FOR A 2-STORY ADDITION OF 2,162 GROSS SQUARE FEET TO THE EXISTING DWELLING AT 2959 HUNT VALLEY DRIVE, GLENWOOD, MD IN 2010.

THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT.

THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT 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 UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A REVISED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.

ALL REASONABLE EFFORTS WERE USED TO LOCATE AND SHOW ALL EXISTING WELLS, SEPTIC SYSTEMS AND SEWERAGE DISPOSAL EASEMENTS WITHIN 100 FEET OF THE SUBJECT PROPERTY BOUNDARIES.

TOPOGRAPHY IS AS PRESENTED ON ORIGINAL SITE PLAN BY BENCHMARK ENGINEERING, INC. DATED APRIL, 2002 & ACCURATELY REPRESENTS THE RELATIVE ELEVATION CHANGES ON AND NEAR THE SUBJECT PROPERTY.

EXISTING SEPTIC TANK, DISTRIBUTION BOX, AND INITIAL TRENCH IN EASEMENT MUST BE ABANDONED PRIOR TO BUILDING PERMIT APPROVAL.

A 2,000 GALLON SEPTIC TANK, NEW DISTRIBUTION BOX, AND NEW TRENCH IN EASEMENT MUST BE INSTALLED PRIOR TO BUILDING PERMIT APPROVAL.

CERTIFICATIONS:

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

Timothy and Regina Pearson
SIGNATURE

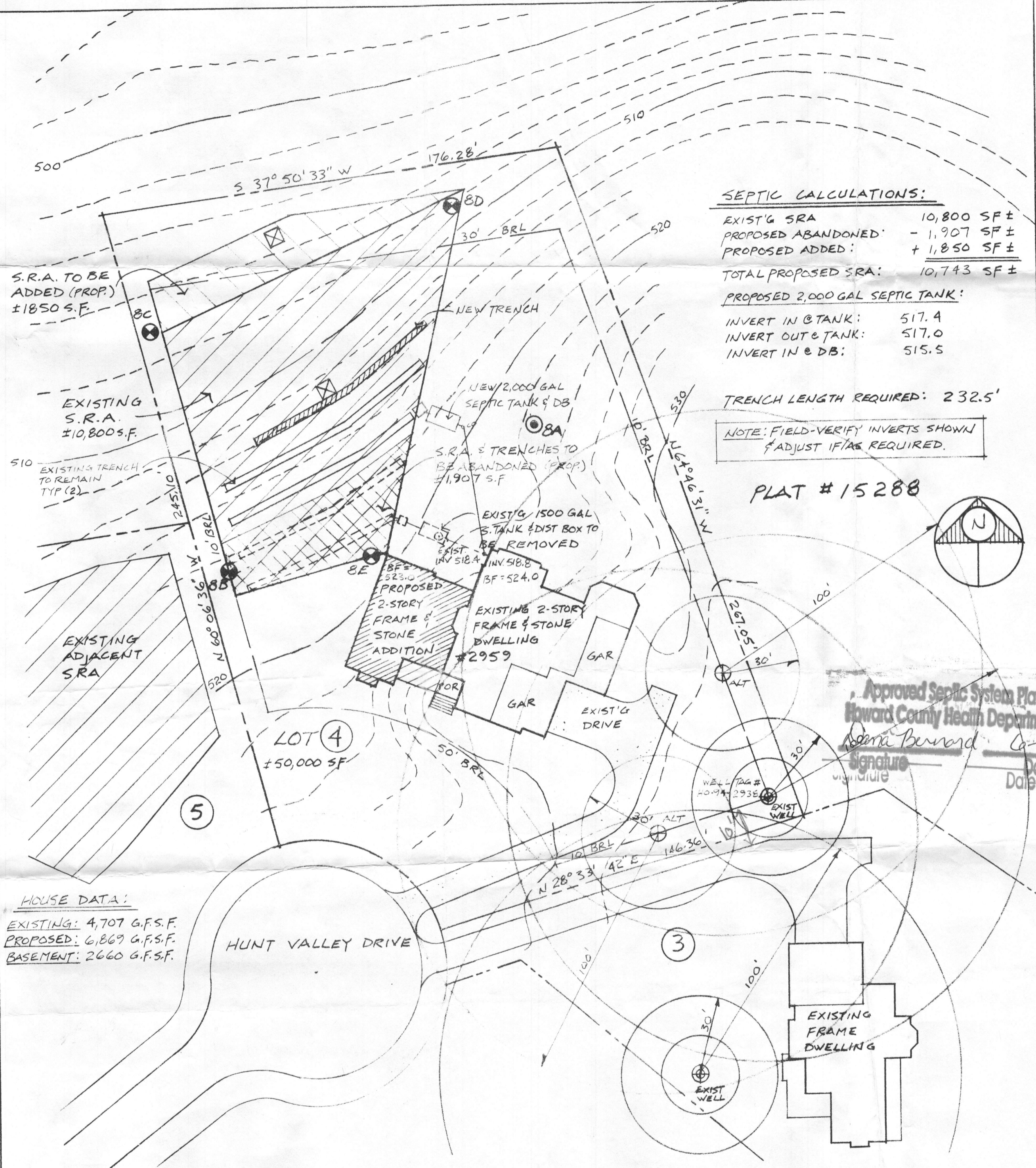
5/26/10
DATE

OWNERS: TIMOTHY AND REGINA PEARSON
2959 HUNT VALLEY DRIVE
GLENWOOD, MD 21738

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.

Bradley for Peter Bzilewson
HEALTH OFFICER, HOWARD COUNTY HEALTH DEPARTMENT

5/27/2010
DATE



SEPTIC CALCULATIONS:

| | |
|--|--------------------|
| EXIST'G SRA | 10,800 SF ± |
| PROPOSED ABANDONED: | - 1,907 SF ± |
| PROPOSED ADDED: | + 1,850 SF ± |
| TOTAL PROPOSED SRA: | 10,743 SF ± |
| PROPOSED 2,000 GAL SEPTIC TANK: | |
| INVERT IN @ TANK: | 517.4 |
| INVERT OUT @ TANK: | 517.0 |
| INVERT IN @ DB: | 515.5 |

TRENCH LENGTH REQUIRED: 232.5'
NOTE: FIELD-VERIFY INVERTS SHOWN & ADJUST IF/AS REQUIRED.

PLAT # 15288
N

Approved Septic System Plan
Howard County Health Department
Gene Bernard
Signature
6-2-10
Date

HOUSE DATA:
EXISTING: 4,707 G.F.S.F.
PROPOSED: 6,869 G.F.S.F.
BASEMENT: 2660 G.F.S.F.

SITE PLAN FOR 2959 HUNT VALLEY DRIVE

1" = 30' MAY 13, 2009
REV JAN 22, 2010
REV MARCH 24, 2010
GLENWOOD, HOWARD COUNTY, MD 21738
LOT # 4, "THE WOODS OF WELLINGTON"
TAX MAP 14 - BLOCK 20 - P/O PARCEL 246
4TH ELECTION DISTRICT PLAT # 15288

BASED ON A PERMIT PLAN BY BENCHMARK ENGINEERING, INC. DATED APRIL, 2002 AND SEPTIC INFORMATION PROVIDED BY DEPT OF ENVIRONMENTAL HEALTH, HOWARD COUNTY, MD (VERIFIED BY FIELD MEASUREMENT AS POSSIBLE)

LEGEND

- ⊕ EXISTING WELL
- ⊕ ALT REPLACEMENT WELL
- ⊙ PASSED PERC 1999
- ⊙ FAILED PERC 1999
- ⊗ PERC 2010