

ISSUE DATE:

8/29/12

PERMIT

P 9538044

APPROVAL DATE:

1/4/2013

A _____

Tax ID # 03-322548

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

Fogles Septic Clean

IS PERMITTED TO

INSTALL ALTER

ADDRESS:

580 Obrecht

PHONE NUMBER:

410 795-5670

SUBDIVISION:

Woodfords Grant

LOT NUMBER:

Par H

ADDRESS:

11300 Barley Field Way

PROPERTY OWNER:

Raymond and Barbara Brookhart

SEPTIC TANK CAPACITY (GALLONS):

1500

OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS):

1250

COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS:

4

APPLICATION RATE: 0.8

SQUARE FOOTAGE OF HOUSE:

3,100

3' Wide
Inlet 1.5'
Bottom 3.5'
3' wide 2'-4'

LINEAR FEET OF TRENCH REQUIRED:

180'

TRENCHES:	Trenches to be 3.0 feet wide. Inlet is at 1.8 feet below original grade with 1.5 feet of stone below the distribution pipe. Bottom maximum depth is 3.3 feet below original grade. Effective sidewall begins at 1.8 feet below original grade. Maintain at least 9.0 feet of spacing between trenches.
LOCATION:	Set septic tank and pump tank per permit plan. Set distribution box near top center of septic reserve, about 10' behind shed. Install 2 x 50' trenches away from new house and 2 x 40' trenches toward new house. Trenches bottoms at 40 inches inlet at 22 inches.
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. Septic contractor to provide plan for tank locations.

PLANS APPROVED:

Robert Bricker

DATE:

6/18/12

NOTE: PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

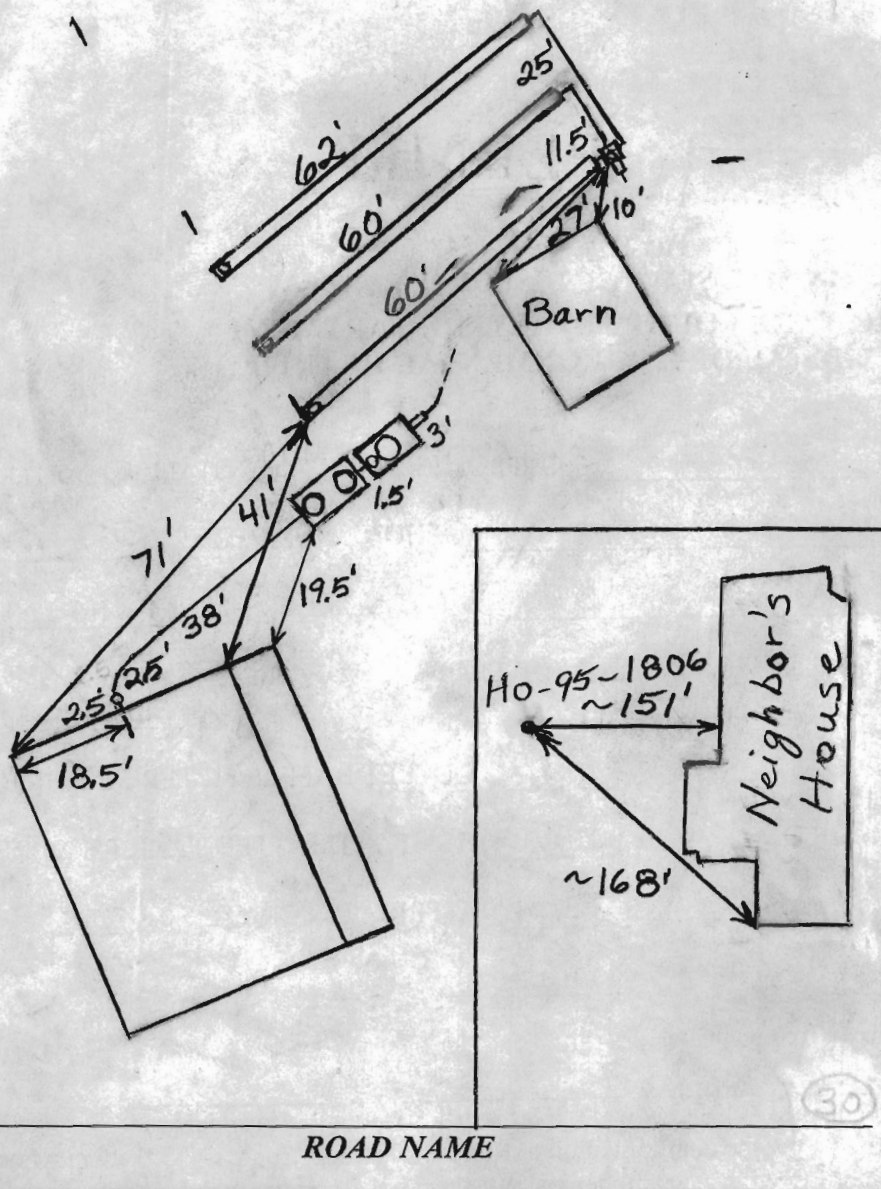
NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL

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

NOT TO SCALE



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	1.5'	3.5'

NUMBER OF TRENCHES 3
 TOTAL LENGTH 182'
 ABSORPTION AREA 546 + Sidewall
 DISTRIBUTION BOX LEVEL Yes
 DISTRIBUTION BOX BAFFLE Elbow
 DISTRIBUTION BOX PORT Yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL Yes
 MANUFACTURER Babylon
 CAPACITY 1500 GAL
 SEAM LOC Top
 TANK LID DEPTH 3.5-4.5'
 BAFFLES Yes
 BAFFLE FILTER No
 MANHOLE LOC Front + Rear
 6" PORT LOC None
 WATERTIGHT TEST No
 SLOTTED Yes
 DATE ON LID Dry

PUMP/SEPTIC TANK LEVEL Yes
 MANUFACTURER Babylon
 CAPACITY 1250 GAL
 SEAM LOC Top
 TANK LID DEPTH 3.5-4.5'
 BAFFLES Front
 BAFFLE FILTER No
 MANHOLE LOC Middle
 6" PORT LOC Front
 WATERTIGHT TEST No
 SLOTTED No
 DATE ON LID Dry

PRE-CONSTRUCTION:

9/11/2012 Set the distribution box near the top middle of the easement and install three 60' trenches on contour towards the house. Set the tanks above the easement near where shown on the B.P. plan. (BB)

INSTALLATION:

9/14/2012 System finished except for pump and alarm test. Tanks are too deep. House connection too far below footer. Grade around tanks supposed to be cut down so that tanks are less than 3.5' deep. Check depth during pump and alarm test. (BB)

1/4/2013

FINAL INSPECTOR

B. Baber

DATE OF APPROVAL

1/4/2013

**FISHER, COLLINS
& CARTER, INC.**

**CIVIL ENGINEERING CONSULTANTS
and LAND SURVEYORS**

Terrell A. Fisher, P.E., L.S.
Earl D. Collins, P.E.
Charles J. Crovo, Sr., P.E., L.S.

Paul W. Kriebel, P.E.
Mark L. Robel, P.L.S.
Aldo M. Vitucci, P.E.

August 11, 2009

Ms. Sarah Sappington, Program Supervisor
Well and Septic Program
Howard County Health Department
7178 Columbia Gateway Drive
Columbia, Maryland 21046


Re: Woodford's Grant
Percolation Certification Plat
Variance Request

Dear Ms. Sappington:

On behalf of our clients, Raymond and Barbara Brookhart, and in response to our recent telephone conversation regarding the above referenced project, we are requesting a formal variance from the Howard County Health Department setback requiring a distance of 20' between a Septic Easement and a House/Sunroom. As you are aware, there is a Post Barn on the property that is located approximately 5' from the proposed septic easement. Since it is not possible to alter the location of the septic easement and the Post Barn was constructed without concrete footers or a foundation, it is respectfully requested that a ^{5'} 15' variance from the above cited setback be granted.

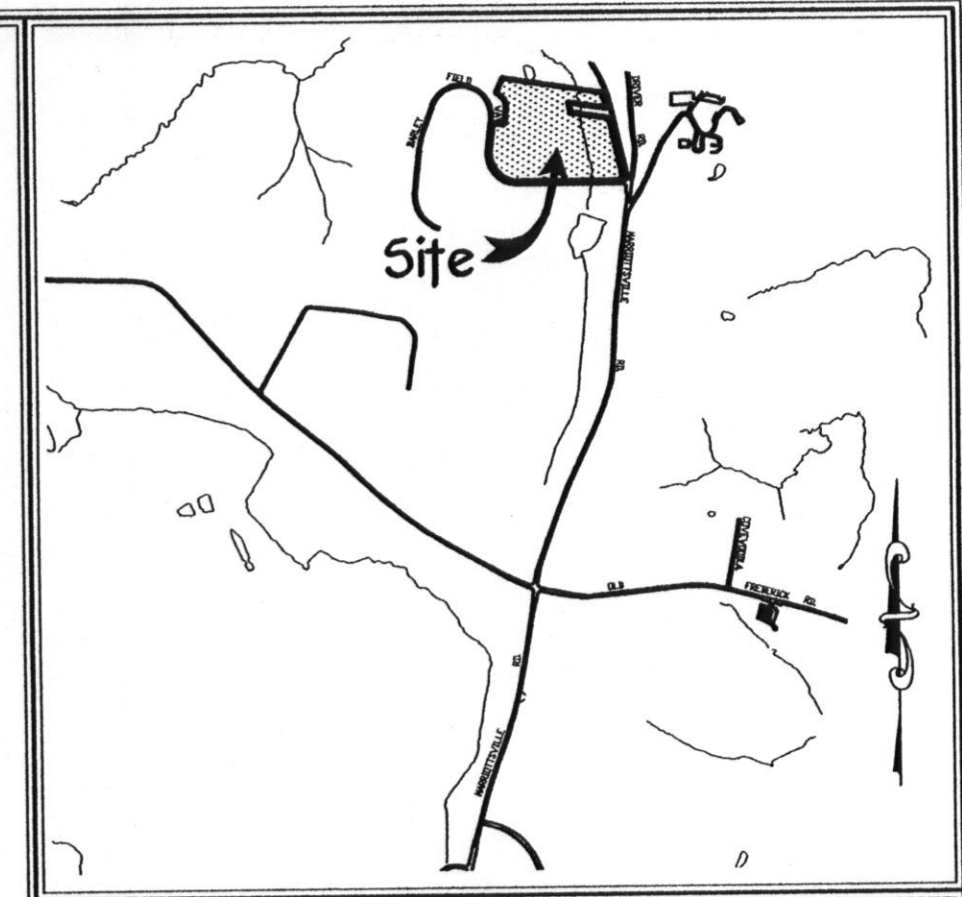
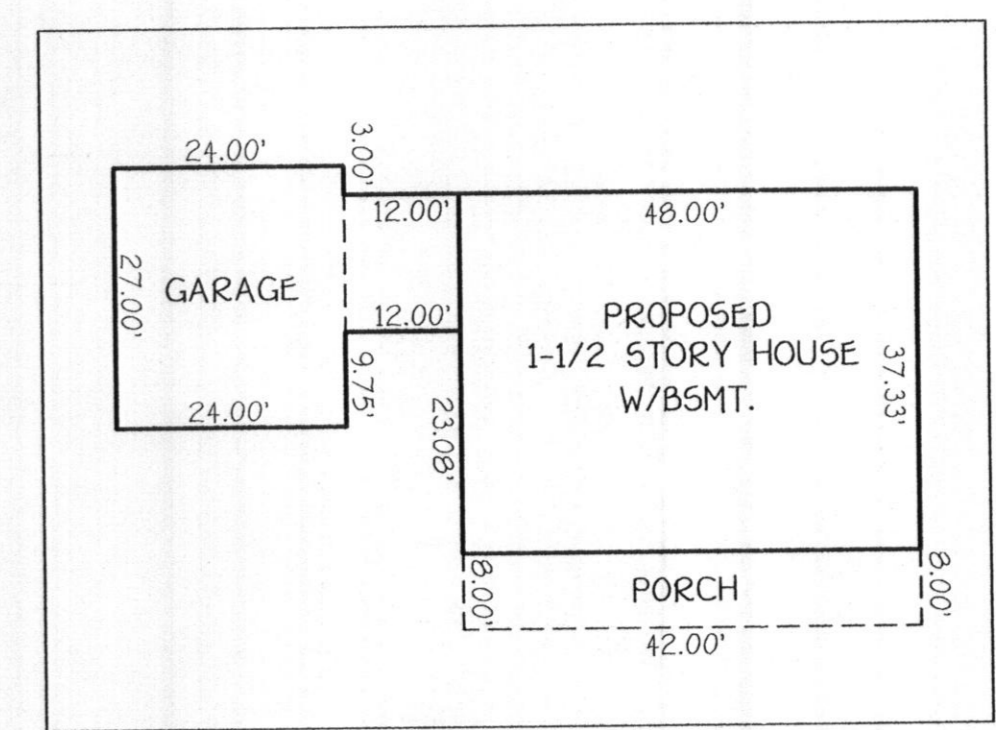
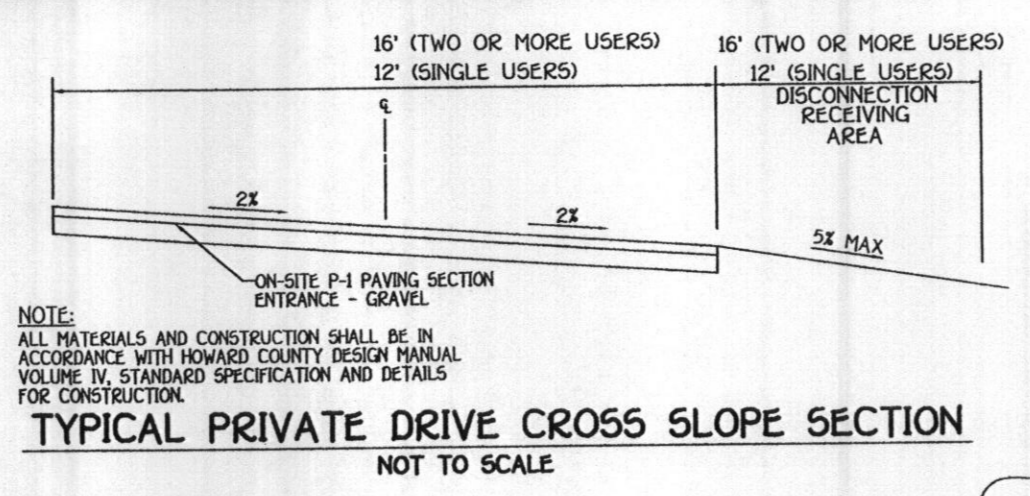
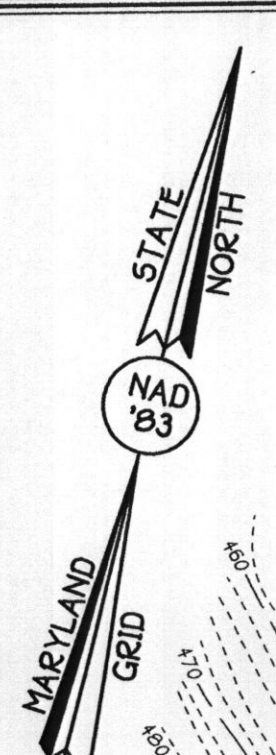
Should you have questions, or require additional information, please contact this office at 410-461-2855.

Very truly yours,
Fisher, Collins and Carter, Inc.


Mr. Anthony Fertitta

*connected -
variance request
w/ homeowners signatures
on its way 8/17/09
SS*

WO #08045-3001
c.c. Raymond and Barbara Brookhart

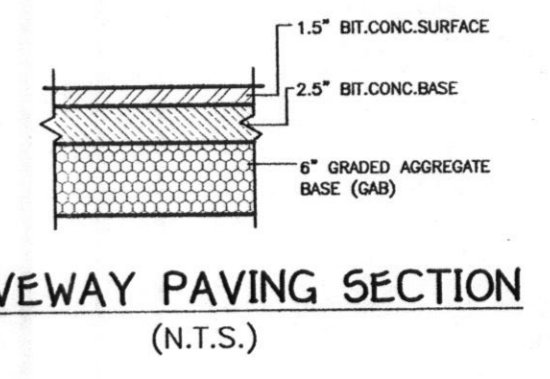


VICINITY MAP
SCALE: 1" = 2000'

- GENERAL NOTES**
- SUBJECT PROPERTY ZONED RC-DEO
 - TOTAL AREA OF PROPERTY 26.19 ACRES
 - SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT REVIEW.
 - LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
 - CONTRACTOR/BUILDER TO VERIFY ELEVATION IN THE FIELD BEFORE BEGINNING ANY CONSTRUCTION.
 - FIELD RUN TOPOGRAPHIC SURVEY DONE BY FISHER, COLLINS & CARTER, INC.
 - STORMWATER MANAGEMENT FOR THIS SITE WILL BE MET USING ENVIRONMENTAL SITE DESIGN TO MAXIMUM EXTENT POSSIBLE IN ACCORDANCE WITH THE MARYLAND STORMWATER DESIGN MANUAL, VOLUMES I & II, EFFECTIVE MAY 2009. THE PROPOSED PRACTICES FOR THE TENANT HOUSE ARE AS FOLLOWS:
 Q-1) ROOFTOP DISCONNECTION
 Q-2) NON-ROOFTOP DISCONNECTION
 Q-3) SHEETFLOW TO CONSERVATION AREAS
 - THE EXISTING WELL SHOWN ON THIS PLAN, TAG NO. HO-94-1375 & HO-95-1806, HAS BEEN FIELD LOCATED BY FISHER, COLLINS & CARTER, INC., PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.
 - THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. 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 SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
 - LIMIT OF DISTURBANCE (L.O.D.) = 29,870 SF.
 - SUBJECT TO CONDITIONAL USE FOR A FARM TENANT HOUSE, CASE NO. BA-06-27C
 - BUILDER SHALL VERIFY LOCATION AND ELEVATION OF EXISTING SEPTIC LINE CROSSING PROPOSED DRIVEWAY. IN ORDER NOT TO DISTURB SEPTIC SYSTEM FROM EXISTING HOUSE TO EXISTING SEPTIC DISPOSAL AREA, LOCATION OF DRIVEWAY AND GRADE IN THIS AREA MAY NEED TO BE MODIFIED.
 - BASEMENT WILL NOT BE SERVED BY GRAVITY SEWER.

LEGEND

SYMBOL	DESCRIPTION
--- 492 ---	EXISTING 2' CONTOURS
--- 490 ---	EXISTING 10' CONTOURS
---	PROPOSED CONTOUR
*	SPOT ELEVATION
---	LIMITS OF DISTURBANCE
---	EXISTING TREELINE
---	PROPOSED TREELINE
---	DISCONNECTED IMPERVIOUS AREA
---	DISCONNECTED RECEIVING AREA
G-12	SOILS LINES AND TYPE
---	SILT FENCE
---	STABILIZES CONSTRUCTION ENTRANCE



SEPTIC ELEVATIONS

PROPOSED HOUSE:
 F.F. ELEV. = 434.7
 BSMT. ELEV. = 425.0
 GAR. ELEV. = 433.3
 INV. OUT = 427.0

PROPOSED SEPTIC TANK:
 PROP. GRD. ELEV. = 428.5
 INV. IN = 426.3
 INV. OUT = 426.0

PROPOSED DISTRIBUTION BOX:
 EX GRD. ELEV. = 427.5
 INV. IN = 426.5
 INV. OUT = 425.5

SOILS LEGEND

SOIL	NAME	CLASS
BeB	Benevolat silt loam, 3 to 8 percent slopes	B
BeC	Benevolat silt loam, 8 to 15 percent slopes	B
Co	Codorus and Hiltoro silt loams, 0 to 3 percent slopes	C
GgB	Glennville silt loam, 3 to 8 percent slopes	B
GgC	Glennville silt loam, 8 to 15 percent slopes	B
GmB	Glennville silt loam, 3 to 8 percent slopes	C
GmC	Glennville silt loam, 8 to 15 percent slopes	C
HmD	Minor-Barnertown sandy loam, 15 to 25 percent slopes, rocky	B

- NOTES**
- Hydric soils and/or contain hydric inclusions
 - May contain hydric inclusions
 - Generally only within 100-year floodplain areas

TENANT HOUSE PLOT PLAN
WOODFORD'S GRANT
PRESERVATION PARCEL 'H'

Zoned: RC-DEO
 Tax Map: 10 Parcel: 27 Grid: 16
 Third Election District
 Howard County, Maryland
 Scale: 1"=60' Date: July 19, 2010

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. 9753, EXPIRATION DATE: 2/28/12.

Earl D. Collins
 EARL D. COLLINS
 7.19.10
 DATE



REVISION: 7-19-2010
 Revisions made to septic system,
 This plan supersedes all previously submitted plans

APPROVED: DEPARTMENT OF PLANNING AND ZONING

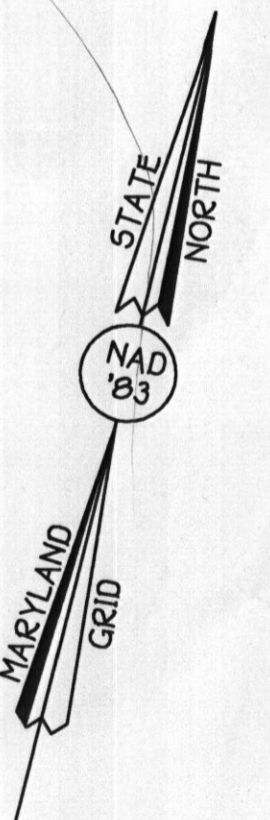
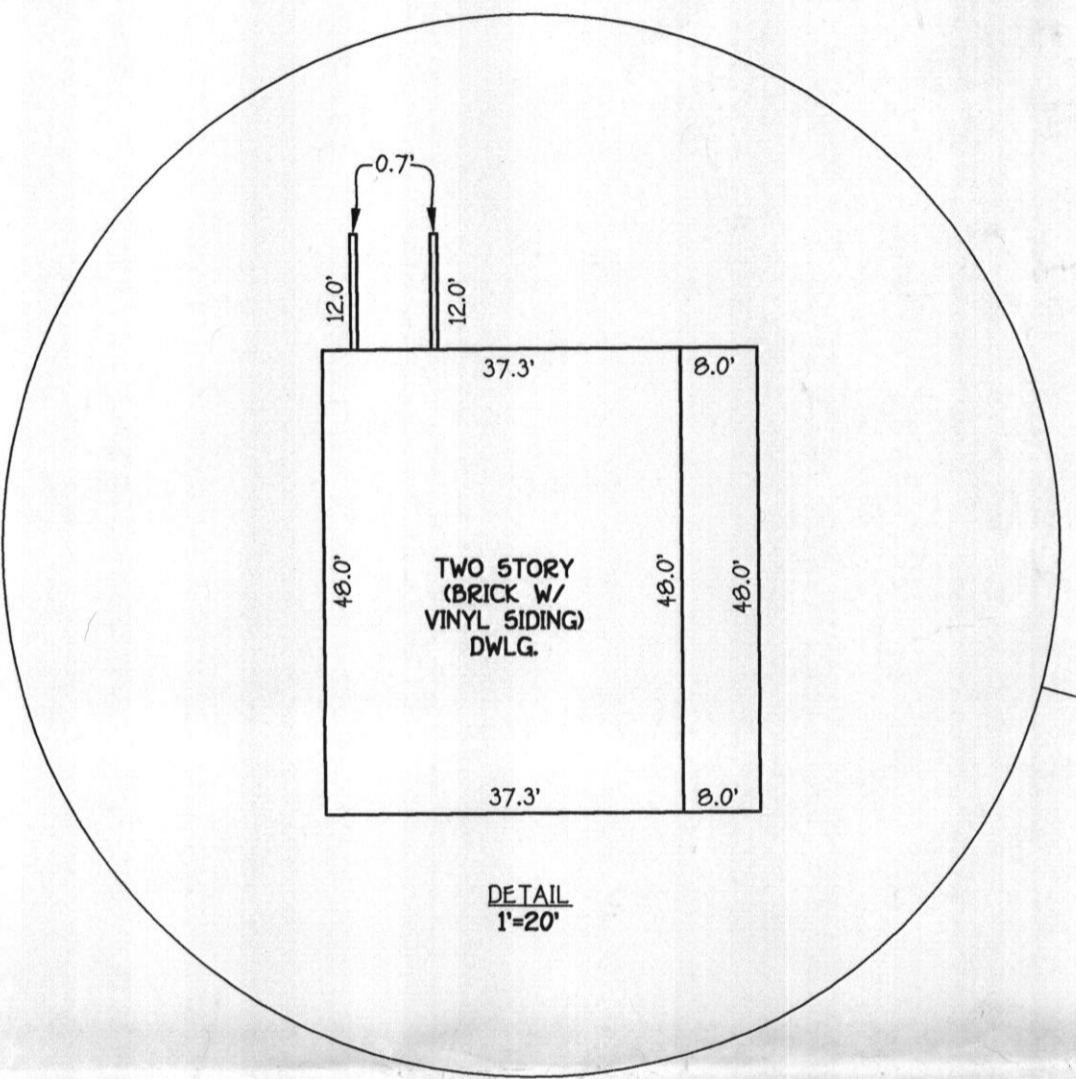
CHIEF, DIVISION OF LAND DEVELOPMENT	DATE
CHIEF, DEVELOPMENT ENGINEERING DIVISION	DATE

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PKWY.
 ELICOTT CITY, MARYLAND 21042
 (410) 461-2855

OWNER/DEVELOPER
 Raymond & Barbara Brookhart
 11300 Barley Field Way
 Harriottsville, Md. 21044
 Phone • (410) 442-1044

GENERAL NOTES:

- THIS LOCATION DRAWING IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INsofar as it is required by a LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR REFINANCING OF THE PROPERTY SHOWN HEREON. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS LOCATION DRAWING IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS LOCATION DRAWING DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING FOR REFINANCING.
- SUBJECT PROPERTY IS SHOWN IN ZONE C ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL NO. 2400440010B, EFFECTIVE DEC. 4, 1986.
- THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF PLUS OR MINUS 1" (4).
- NO TITLE REPORT FURNISHED. SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY AND CONDITIONS OF RECORD.
- THE EXISTING WELLS SHOWN ON THIS PLAN IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER HQ-95-1806 & HQ-94-1375 HAS BEEN FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.
- PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROPERTY LINE SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 339, EXPIRATION DATE 10/04/2012.
- BUILDING PERMIT - B-10001955.



- LEGEND**
- FP- EXISTING LIMIT OF 100 YEAR FLOODPLAIN AND DRAINAGE AND UTILITY EASEMENT PLAT NO. 13114
 - WL- EXISTING WETLAND LIMIT PLAT NO. 13114
 - WB- EXISTING WETLAND BUFFER PLAT NO. 13114
 - [Hatched Box] EXISTING PUBLIC DRAINAGE & UTILITY EASEMENT PLAT NO. 13114
 - [Diagonal Hatched Box] EXISTING 50' PUBLIC DRAINAGE & UTILITY EASEMENT PLAT NO. 13114
 - [Cross-hatched Box] EXISTING 20' PRIVATE INGRESS/EGRESS EASEMENT FOR LOT 41 AND STATE OF MARYLAND PARCEL 3 PLAT NO. 13114
 - [Dotted Box] EXISTING EQUESTRIAN ACCESS EASEMENT PLAT NO. 13114

FOREST CONSERVATION 'J' RETENTION 0.38 Ac±	
Sym	Bearing & Distance
J-1	S62°40'30"W 172.69'
J-2	S32°46'12"E 86.01'
J-3	S65°50'46"W 56.04'
J-4	S77°33'34"W 100.09'
J-5	N43°33'41"W 85.55'
J-6	N16°57'26"W 34.30'

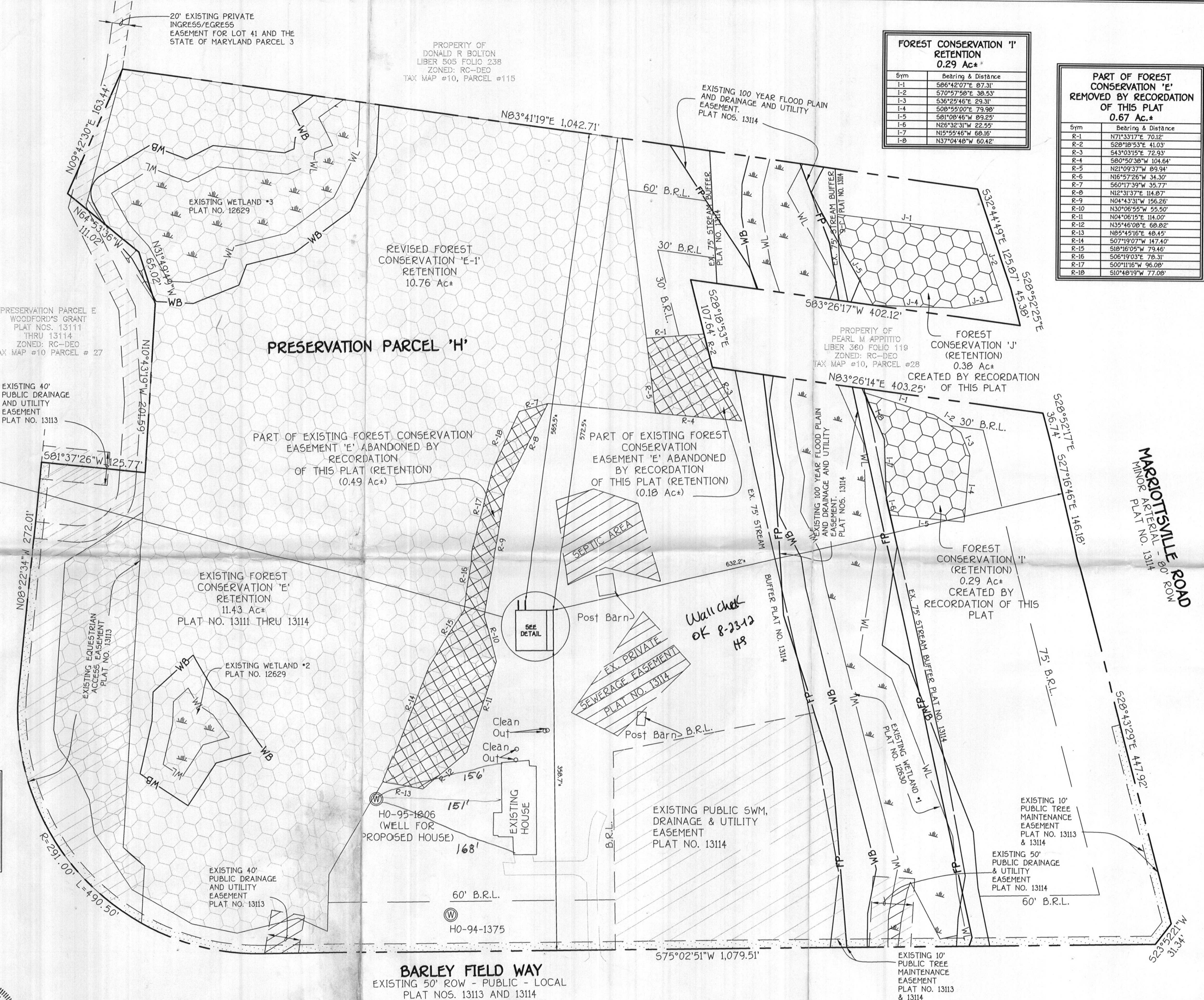


Mark J. Fisher 8/14/12
 PROFESSIONAL LAND SURVEYOR DATE
 REG. # 339

PROPERTY OF DONALD R BOLTON
 LIBER 505 FOLIO 238
 ZONED: RC-DEO
 TAX MAP #10, PARCEL #115

FOREST CONSERVATION 'I' RETENTION 0.29 Ac±	
Sym	Bearing & Distance
I-1	S86°42'07"E 87.31'
I-2	S70°57'58"E 38.53'
I-3	S36°25'46"E 29.31'
I-4	S08°55'00"E 79.90'
I-5	S81°08'46"W 89.25'
I-6	N26°32'31"W 22.55'
I-7	N15°54'54"W 68.16'
I-8	N37°04'48"W 60.42'

PART OF FOREST CONSERVATION 'E' REMOVED BY RECORDATION OF THIS PLAT 0.67 Ac±	
Sym	Bearing & Distance
R-1	N71°33'17"E 70.12'
R-2	S28°18'53"E 41.03'
R-3	S43°03'15"E 72.93'
R-4	S80°50'38"W 104.64'
R-5	N21°09'37"W 89.94'
R-6	N16°57'26"W 34.30'
R-7	S60°17'39"W 35.77'
R-8	N12°31'37"E 114.87'
R-9	N04°43'31"W 156.26'
R-10	N34°08'55"W 55.50'
R-11	N04°08'55"E 114.00'
R-12	N35°48'08"E 68.82'
R-13	N85°45'16"E 48.45'
R-14	S07°19'07"W 147.40'
R-15	S18°16'05"W 79.46'
R-16	S06°19'03"E 78.31'
R-17	S00°11'16"W 96.08'
R-18	S10°48'19"W 77.08'



BARLEY FIELD WAY
 EXISTING 50' ROW - PUBLIC - LOCAL
 PLAT NOS. 13113 AND 13114

HOUSE LOCATION DRAWING
 FOUNDATION LOCATION: 8/13/12
 FINAL LOCATION: _____
 BOUNDARY SURVEY: _____
 SCALE: 1"=60'
 DATE: 8/14/12
 DRAWN BY: MFR
 CHECKED BY: MFR
 PROJECT NO: 08045-3001

PLAT OF REVISION
 WOODFORD'S GRANT
 PRESERVATION PARCEL 'H'
 THIRD ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 PLAT # 20667 & 20668

*11302 BARLEY FIELD WAY
 B.R.L. = BUILDING RESTRICTION LINE
 TOP OF FOUNDATION ELEV. 435.7'