

Williams, Jeffrey

From: Rob Vogel <rvogel@vogeleng.com>
Sent: Wednesday, May 04, 2016 8:11 PM
To: Williams, Jeffrey
Cc: Wolf, Kevin; jerimiah reynolds
Subject: RE: Willow Pond lot 13

Hi Jeff

I checked our plan and the well is placed exactly 200' below the uphill SDA. Also the outside of the rain garden (with liner) is located 50' from the alternate well. Please advise. Thanks, Rob

Robert H. Vogel, P.E., M.ASCE

Robert H. Vogel Engineering, Inc.
8407 Main Street
Ellicott City, Maryland 21043
Phone: 410-461-7666
FAX: 410-461-8961
www.vogeleng.com

From: Williams, Jeffrey [<mailto:jewilliams@howardcountymd.gov>]
Sent: Tuesday, April 26, 2016 3:32 PM
To: Rob Vogel (rvogel@vogeleng.com)
Cc: Wolf, Kevin
Subject: Willow Pond lot 13

I've reviewed the revised perc cert for Willow Pond lot 13 and have the following comments for revision:

- The alternate well site to the right of the house location is less than 50' from the storwater devise outfall
- The alternate well site near the existing well is less than 200' downgrade of the neighboring sewage disposal area

Please submit three copies of a signed revision plan for review. Thanks

Jeff Williams
Program Supervisor, Well & Septic Program
Bureau of Environmental Health
Howard County Health Dept.
410-313-4261
jewilliams@howardcountymd.gov

CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.

From: Williams, Jeffrey [<mailto:jewilliams@howardcountymd.gov>]
Sent: Tuesday, April 26, 2016 3:32 PM
To: Rob Vogel (rvogel@vogeleng.com)
Cc: Wolf, Kevin
Subject: Willow Pond lot 13

I've reviewed the revised perc cert for Willow Pond lot 13 and have the following comments for revision:

- The alternate well site to the right of the house location is less than 50' from the storwater devise outfall
- The alternate well site near the existing well is less than 200' downgrade of the neighboring sewage disposal area

Please submit three copies of a signed revision plan for review. Thanks

Jeff Williams
Program Supervisor, Well & Septic Program
Bureau of Environmental Health
Howard County Health Dept.
410-313-4261
jewilliams@howardcountymd.gov

CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.

Williams, Jeffrey

From: Williams, Jeffrey
Sent: Tuesday, April 26, 2016 3:32 PM
To: Rob Vogel (rvogel@vogeleng.com)
Cc: Wolf, Kevin
Subject: Willow Pond lot 13

I've reviewed the revised perc cert for Willow Pond lot 13 and have the following comments for revision:

- The alternate well site to the right of the house location is less than 50' from the stormwater device outfall
- The alternate well site near the existing well is less than 200' downgrade of the neighboring sewage disposal area

Please submit three copies of a signed revision plan for review. Thanks

Jeff Williams
Program Supervisor, Well & Septic Program
Bureau of Environmental Health
Howard County Health Dept.
410-313-4261
jewilliams@howardcountymd.gov

CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.

E B-B SHEET

THE PRESERVATION OF CLANKSVILLE
NON-BUILDABLE PRESERVATION
FUTURE EASEMENT
PLAT #19217
RR-DIO

Willow Pond
Signed SP-09-03 (2-4-2010)

Ex. 16' Private Ingress/
Egress Easement for use by
Parcels 252, 259, & Lot 13
per Plat #12949
and L.487, F.109

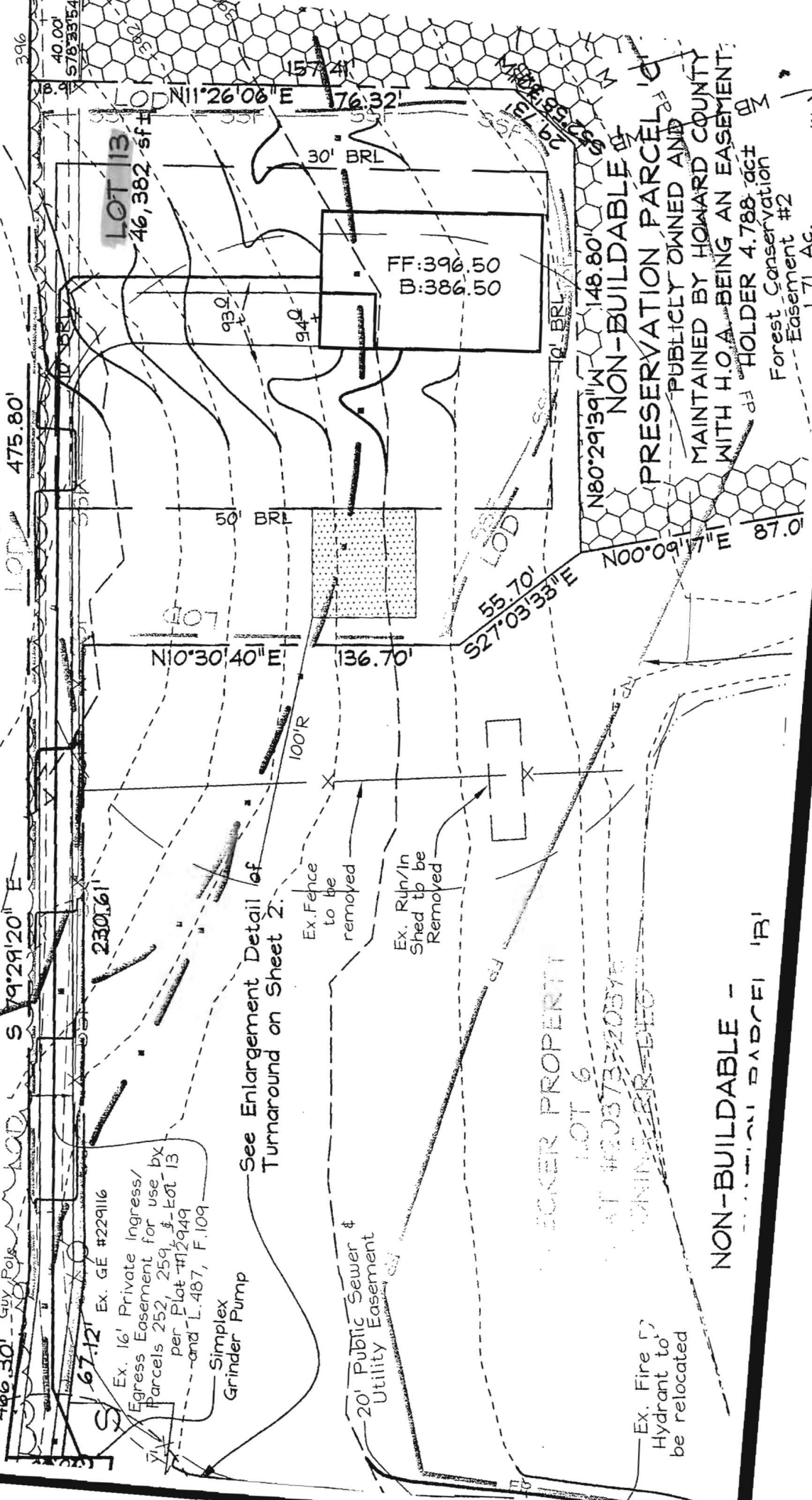
Simplex
Grinder Pump

See Enlargement Detail of
Turnaround on Sheet 2.

20' Public Sewer &
Utility Easement

Ex. Fire Hydrant to
be relocated

NON-BUILDABLE -
PRESERVATION PARCEL 13



NON-BUILDABLE PRESERVATION PARCEL 13
PUBLICLY OWNED AND
MAINTAINED BY HOWARD COUNTY
WITH H.O.A. BEING AN EASEMENT
HOLDER 4.788 ac ±
Forest Conservation
Easement #2

OWNER PROPERTY
LOT 6
PLAT #20373-20376
DIO

MATCHLINE A-A SEE THIS SHEET

MATCHLINE B-B SEE THIS SHEET

THE PRESERVE AT CLARKSVILLE
NON-BUILDABLE PRESERVATION
PARCEL 'C' PLAT #19217
ZONING RR-DEO

466.30' Guy Pole LOD S 79°29'20" E

LOT 13
46,382 sq ft

NAECKER PROPERTY
LOT 6
PLAT #20373-20375
ZONING RR-DEO

NON-BUILDABLE -
PRESERVATION PARCEL 'B'
PRIVATELY OWNED AND
MAINTAINED WITH HOWARD
COUNTY AND H.O.A. BEING
THE EASEMENT HOLDERS
4.017 ac±

NON-BUILDABLE
PRESERVATION PARCEL 'C'
PUBLICLY OWNED AND
MAINTAINED BY HOWARD COUNTY
WITH H.O.A. BEING AN EASEMENT
HOLDER 4.788 ac±
Forest Conservation
Easement #2
1.71 Ac.
0.13 Retention (0.065 credit)
1.38 Ac. Afforestation
0.20 Ac. Non-credited
Floodplain Retention
Stormwater Management
Credit Easement

100 YEAR
FLOODPLAIN
LIMIT

Ex. Pond, to remain, to be upgraded
to current state standards

Simplex
Grinder Pump

See Enlargement Detail of
Turnaround on Sheet 2.

20' Public Sewer &
Utility Easement

Ex. Fire Hydrant
to be relocated

Ex. Fence
to be removed

Ex. Run/In
Shed to be
Removed

EMERGENCY
SERVICE ACCESS
DRIVE
(Public)

100 YEAR
FLOODPLAIN
LIMIT

Perennial Stream

DEL 'B' PLAT #19217
ZONING RR-DEO

use
main
dwelling

Ex. Well
To Remain

SM 704

SM 703

SM 702

SM 701

SM

35' BRL

SBB

Ex. Fenceline
to remain

75' Street
Bank Buff

Proposed Bottomless

stream

P.C. & Sta. 14+63.00

Intersection
with Boundary Line
Sta. 14+22.49

GE #478633

P.T. & Sta. 14+17.49

P.C. & Sta. 14+01.46

100'R

75' BRL

SM 700

Proposed Easement
for Sand
Storage

2" Force Main

Macadam Driveway

75' BRL

P.T. & Sta. 12+50.01

L=37.48'
R=200.00'

P.C. & Sta. 12+12.53

35' BRL

SBB

P.T. & Sta. 9+97.70

P.C. & Sta. 9+84.61

Top of Bank

stream

P.C. & Sta. 14+63.00

Intersection
with Boundary Line
Sta. 14+22.49

GE #478633

P.T. & Sta. 14+17.49

P.C. & Sta. 14+01.46

100'R

75' BRL

SM 700

Proposed Easement
for Sand
Storage

2" Force Main

Macadam Driveway

75' BRL

P.T. & Sta. 12+50.01

L=37.48'
R=200.00'

P.C. & Sta. 12+12.53

35' BRL

SBB

P.T. & Sta. 9+97.70

P.C. & Sta. 9+84.61

Top of Bank

stream

P.C. & Sta. 14+63.00

Intersection
with Boundary Line
Sta. 14+22.49

GE #478633

P.T. & Sta. 14+17.49

P.C. & Sta. 14+01.46

100'R

75' BRL

SM 700

Proposed Easement
for Sand
Storage

2" Force Main

Macadam Driveway

75' BRL

P.T. & Sta. 12+50.01

L=37.48'
R=200.00'

P.C. & Sta. 12+12.53

35' BRL

SBB

P.T. & Sta. 9+97.70

P.C. & Sta. 9+84.61

Top of Bank

stream

P.C. & Sta. 14+63.00

Intersection
with Boundary Line
Sta. 14+22.49

GE #478633

P.T. & Sta. 14+17.49

P.C. & Sta. 14+01.46

100'R

75' BRL

SM 700

Proposed Easement
for Sand
Storage

2" Force Main

Macadam Driveway

75' BRL

P.T. & Sta. 12+50.01

L=37.48'
R=200.00'

P.C. & Sta. 12+12.53

35' BRL

SBB

P.T. & Sta. 9+97.70

P.C. & Sta. 9+84.61

Top of Bank

stream

P.C. & Sta. 14+63.00

Intersection
with Boundary Line
Sta. 14+22.49

GE #478633

P.T. & Sta. 14+17.49

P.C. & Sta. 14+01.46

100'R

75' BRL

SM 700

Proposed Easement
for Sand
Storage

2" Force Main

Macadam Driveway

75' BRL

P.T. & Sta. 12+50.01

L=37.48'
R=200.00'

P.C. & Sta. 12+12.53

35' BRL

SBB

P.T. & Sta. 9+97.70

P.C. & Sta. 9+84.61

Top of Bank

stream

P.C. & Sta. 14+63.00

Intersection
with Boundary Line
Sta. 14+22.49

GE #478633

P.T. & Sta. 14+17.49

P.C. & Sta. 14+01.46

100'R

75' BRL

SM 700

Proposed Easement
for Sand
Storage

2" Force Main

Macadam Driveway

75' BRL

P.T. & Sta. 12+50.01

L=37.48'
R=200.00'

P.C. & Sta. 12+12.53

35' BRL

SBB

P.T. & Sta. 9+97.70

P.C. & Sta. 9+84.61

Top of Bank

stream

P.C. & Sta. 14+63.00

Intersection
with Boundary Line
Sta. 14+22.49

GE #478633

P.T. & Sta. 14+17.49

P.C. & Sta. 14+01.46

100'R

75' BRL

SM 700

Proposed Easement
for Sand
Storage

2" Force Main

Macadam Driveway

75' BRL

P.T. & Sta. 12+50.01

L=37.48'
R=200.00'

P.C. & Sta. 12+12.53

35' BRL

SBB

P.T. & Sta. 9+97.70

P.C. & Sta. 9+84.61

Top of Bank

stream

P.C. & Sta. 14+63.00

Intersection
with Boundary Line
Sta. 14+22.49

GE #478633

P.T. & Sta. 14+17.49

P.C. & Sta. 14+01.46

100'R

75' BRL

SM 700

Proposed Easement
for Sand
Storage

2" Force Main

Macadam Driveway

75' BRL

P.T. & Sta. 12+50.01

L=37.48'
R=200.00'

P.C. & Sta. 12+12.53

35' BRL

SBB

P.T. & Sta. 9+97.70

P.C. & Sta. 9+84.61

Top of Bank

stream

P.C. & Sta. 14+63.00

Intersection
with Boundary Line
Sta. 14+22.49

GE #478633

P.T. & Sta. 14+17.49

P.C. & Sta. 14+01.46

100'R

75' BRL

SM 700

Proposed Easement
for Sand
Storage

2" Force Main

Macadam Driveway

75' BRL

P.T. & Sta. 12+50.01

L=37.48'
R=200.00'

P.C. & Sta. 12+12.53

35' BRL

SBB

P.T. & Sta. 9+97.70

P.C. & Sta. 9+84.61

Top of Bank

stream

P.C. & Sta. 14+63.00

Intersection
with Boundary Line
Sta. 14+22.49

GE #478633

P.T. & Sta. 14+17.49

P.C. & Sta. 14+01.46

100'R

75' BRL

SM 700

Proposed Easement
for Sand
Storage

2" Force Main

Macadam Driveway

75' BRL

P.T. & Sta. 12+50.01

L=37.48'
R=200.00'

P.C. & Sta. 12+12.53

35' BRL

SBB

P.T. & Sta. 9+97.70

P.C. & Sta. 9+84.61

Top of Bank

stream

P.C. & Sta. 14+63.00

Intersection
with Boundary Line
Sta. 14+22.49

GE #478633

P.T. & Sta. 14+17.49

P.C. & Sta. 14+01.46

100'R

75' BRL

SM 700

Proposed Easement
for Sand
Storage

2" Force Main

Macadam Driveway

75' BRL

P.T. & Sta. 12+50.01

L=37.48'
R=200.00'

P.C. & Sta. 12+12.53

35' BRL

SBB

P.T. & Sta. 9+97.70

P.C. & Sta. 9+84.61

Top of Bank

stream

P.C. & Sta. 14+63.00

Intersection
with Boundary Line
Sta. 14+22.49

GE #478633

P.T. & Sta. 14+17.49

P.C. & Sta. 14+01.46

100'R

75' BRL

SM 700

Proposed Easement
for Sand
Storage

2" Force Main

Macadam Driveway

75' BRL

P.T. & Sta. 12+50.01

L=37.48'
R=200.00'

P.C. & Sta. 12+12.53

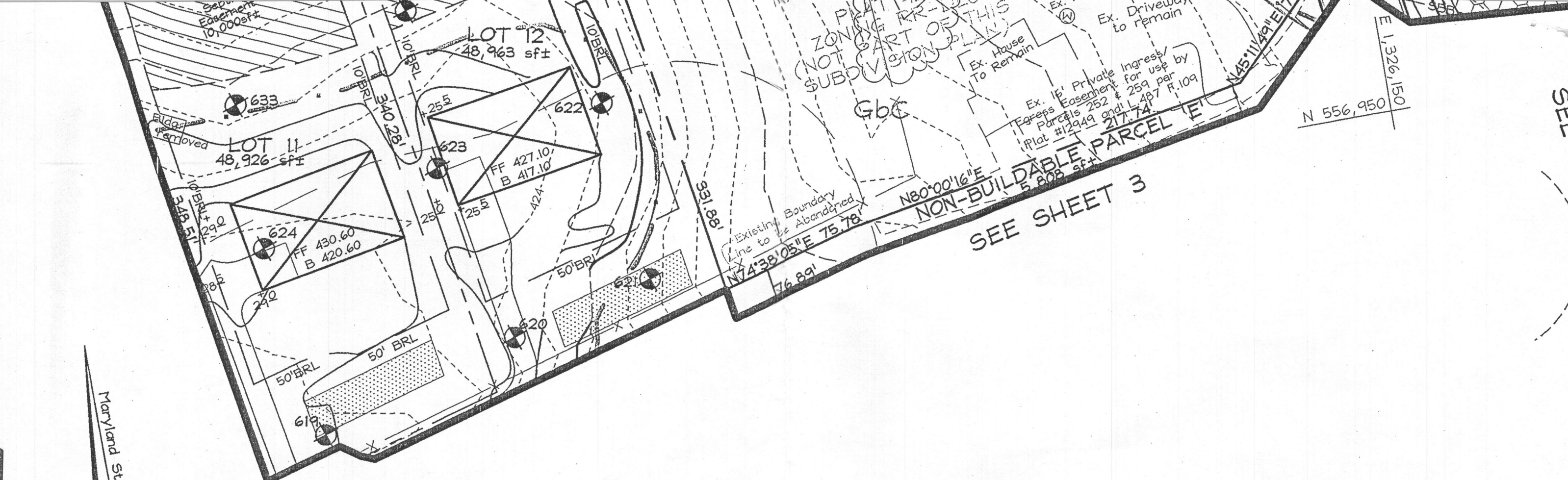
35' BRL

SBB

P.T. & Sta. 9+97.70

P.C. & Sta. 9+84.61

Top of Bank



SEE SHEET 3

THE PRESERVE AT CLARKSVILLE
 NON-BUILDABLE PRESERVATION PARCEL 'F'
 PLAT #19218
 ZONING RR-DEO

P/O NON-BUILDABLE PRESERVATION PARCEL 'C'
 PRIVATELY OWNED AND MAINTAINED WITH HOWARD COUNTY AND H.O.A. BEING THE EASEMENT HOLDERS
 4.788 ac±

PARCEL
 ALAN H. L.3351
 ZONED

Maryland State Grid (NAD 83/91)

WINDY KNOLLS E.C.
 LOT 27
 N 11°26'06" E
 Plat #22229

CP #4

Existing Macadam Driveway

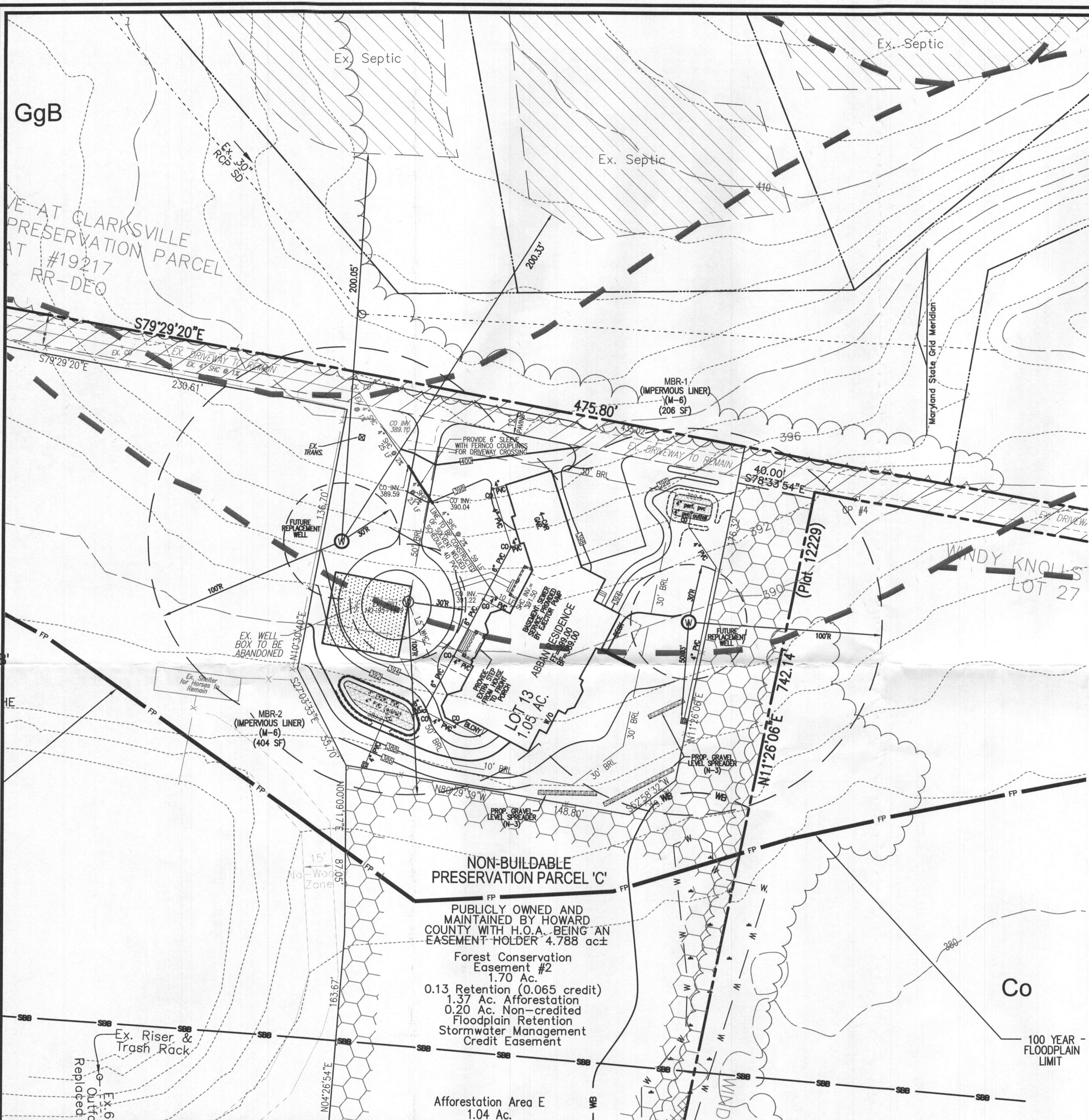
BGE #229113

BGE #229112

GE #229111

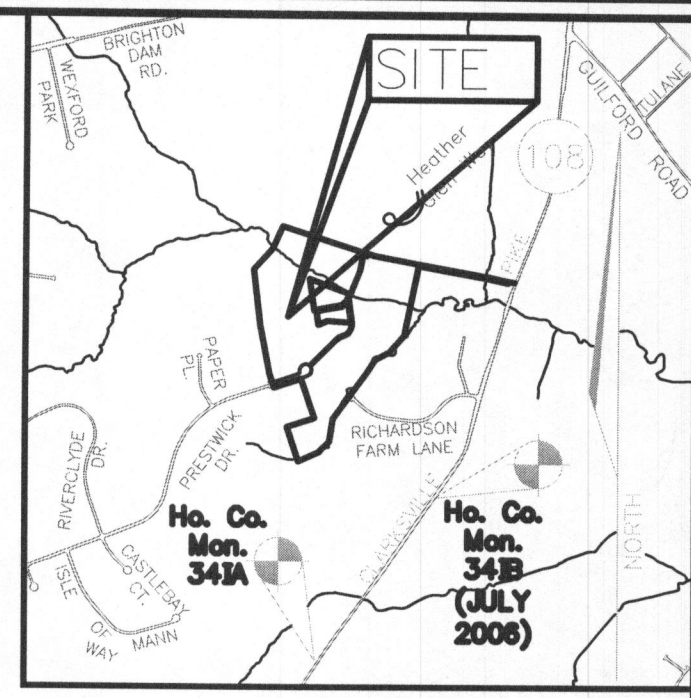
Ex. 16' Private Ingress/Egress Easement for use by Parcels 252 & 259 per Plat #12949, and L.487 F.109

SEE



LEGEND:

- PROPERTY LINE
- - - RIGHT-OF-WAY LINE
- - - ADJACENT PROPERTY LINE
- (SMA 2) EXISTING SANITARY MANHOLE
- SS EXISTING SANITARY LINE
- CO EXISTING CLEANOUT
- ⊗ FH EXISTING FIRE HYDRANT
- W EXISTING WATER LINE
- 330 EXISTING 10' CONTOUR
- 328 EXISTING 2' CONTOUR
- SsE SOILS
- SIC2 SOILS
- ~ EXISTING TREELINE
- ~ PROPOSED TREELINE
- W EXISTING WELL
- W PROPOSED 10' CONTOUR
- W PROPOSED 2' CONTOUR
- ⊗ FAILED PERC. TEST
- ⊙ PASSED PERC. TEST
- W (with 'F') PROP. REPLACEMENT WELL
- W (with 'F') EXISTING WELL FIELD LOCATED
- APPROVED WELL AREA TO BE ABANDONED



VICINITY MAP
SCALE: 1" = 2000'

- GENERAL NOTES:**
1. THE PROPERTY OUTLINE IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED BY FSH ASSOCIATES DATED JULY 2006.
 2. THE TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD RUN TOPOGRAPHIC SURVEY PREPARED BY FSH ASSOCIATES, DATED OCTOBER 2006.
 3. ALL EXISTING WELLS SHOWN HEREON HAVE BEEN FIELD LOCATED.
 4. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
 5. ALL WELLS AND SEPTIC SYSTEMS WITHIN 100' FROM THE PROPERTY BOUNDARIES HAVE BEEN SHOWN.
 6. ANY CHANGE TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

SOILS LEGEND

SYMBOL	NAME / DESCRIPTION	GROUP	K-FACTOR	ERODIBLE
Co	CODORUS AND HATBORO SILT LOAMS, 0 TO 3 PERCENT SLOPES	C	.37	NO
GgB	GLENELG LOAM, 3 TO 8 PERCENT SLOPES	B	.28	NO
GgC	GLENELG LOAM, 8 TO 15 PERCENT SLOPES	B	.28	NO

SOILS INFORMATION FROM USDA WEB SOIL SURVEY WEBSITE
HOWARD COUNTY SOILS MAP NUMBER 16 - CLARKSVILLE NW

HIGHLY ERODIBLE SOILS ARE THOSE SOILS WITH A SLOPE GREATER THAN 15 PERCENT OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR K GREATER THAN 0.35 AND WITH A SLOPE GREATER THAN 5 PERCENT

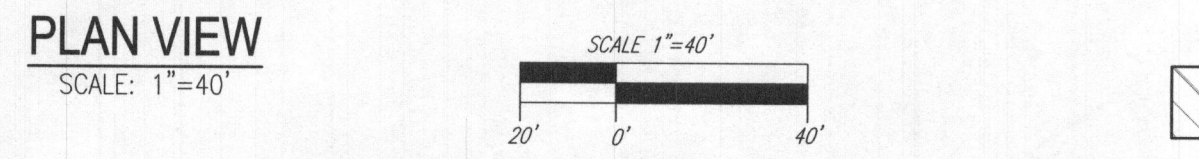
OWNER/DEVELOPER
GREENFIELD HOMES, INC.
6656 LUSTER DRIVE
HIGHLAND, MARYLAND 20777
(410) 781-6782

NON-BUILDABLE PRESERVATION PARCEL 'C'
PUBLICLY OWNED AND MAINTAINED BY HOWARD COUNTY WITH H.O.A. BEING AN EASEMENT HOLDER 4.788 ac±
Forest Conservation Easement #2
1.70 Ac.
0.13 Retention (0.065 credit)
1.37 Ac. Afforestation
0.20 Ac. Non-credited
Floodplain Retention Stormwater Management Credit Easement

NOTE:
THE PURPOSE OF THIS REVISED PERCOLATION CERTIFICATION PLAN IS TO ABANDON THE WELL ENVELOPE ON LOT 13 AND ESTABLISH TWO ALTERNATE WELL LOCATIONS.

PERCOLATION CERTIFICATION:
I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION, AND ARE CORRECT, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

Thomas M. Hoffmann, Jr.
THOMAS M. HOFFMANN, JR.
LAND SURVEYOR No. 267
5-16-16
DATE



APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEM.

SHARED

Ben Wipon for Mauro Rossman
COUNTY HEALTH OFFICER
5/26/2016
DATE

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

REVISED PERCOLATION CERTIFICATION PLAN
WILLOW POND
LOT 13
6298 HEATHER GLEN WAY
CLARKSVILLE, MD 21029

TAX MAP 34
BLOCK 17
5TH ELECTION DISTRICT

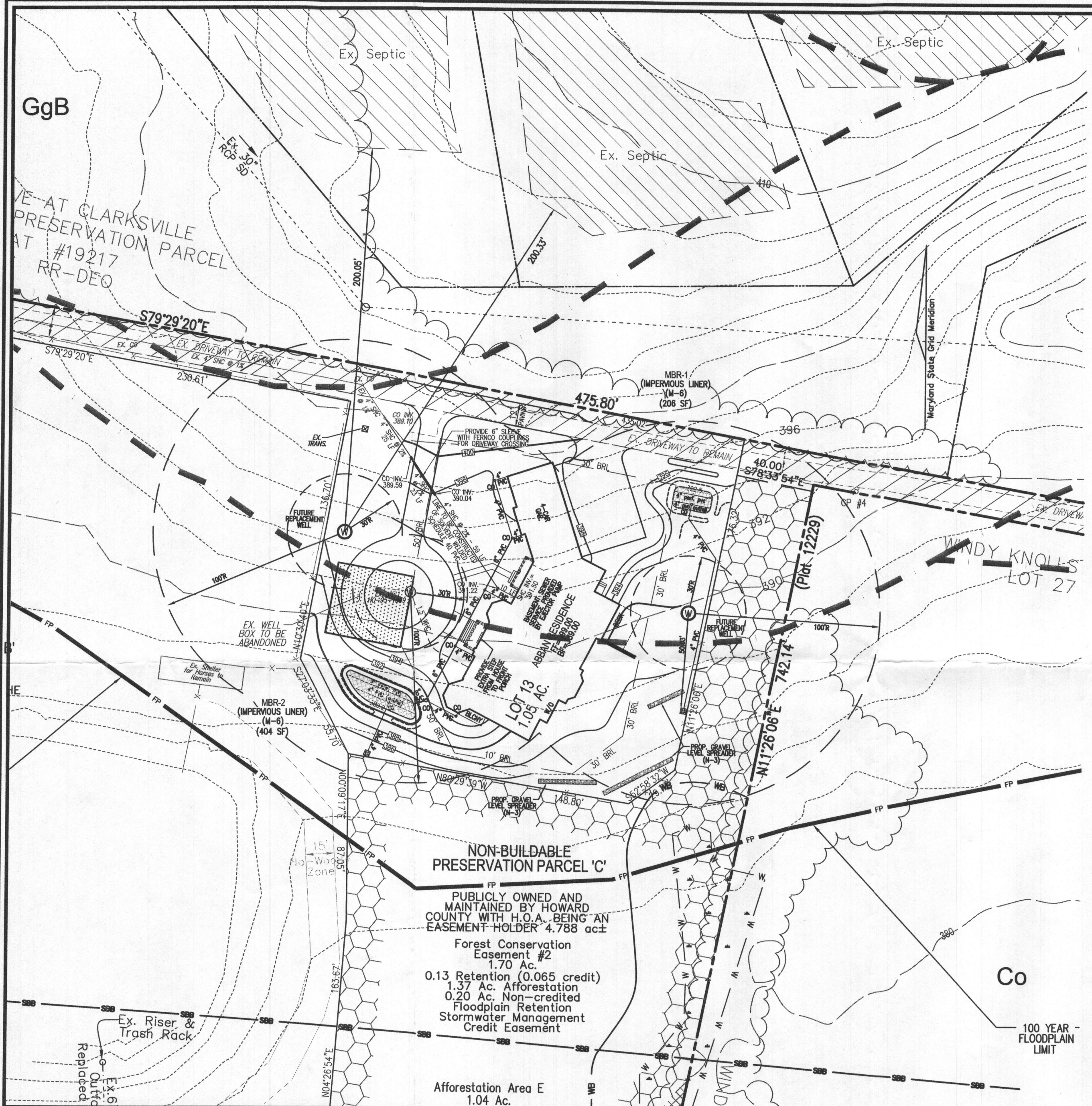
PARCEL 444
ZONED RR-DEO
HOWARD COUNTY, MARYLAND

ROBERT H. VOGEL ENGINEERING, INC.
ENGINEERS • SURVEYORS • PLANNERS
8407 MAIN STREET
ELLCOTT CITY, MD 21043
TEL: 410.461.7666
FAX: 410.461.8961

DESIGN BY: RHV
DRAWN BY: JMR
CHECKED BY: RHV
DATE: MAY 2016
SCALE: AS SHOWN
W.O. NO.: 14-33

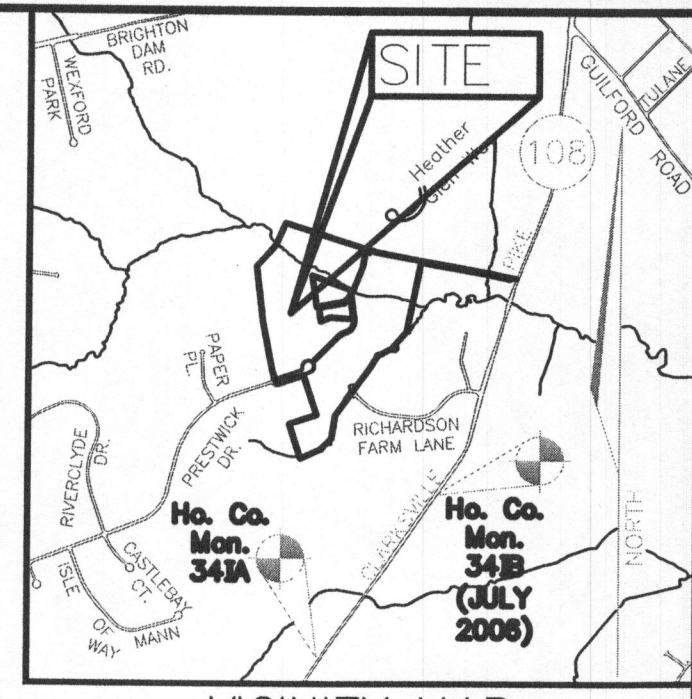
1 SHEET OF 1

ROBERT H. VOGEL, PE No.16193



LEGEND:

- PROPERTY LINE
- - - RIGHT-OF-WAY LINE
- - - ADJACENT PROPERTY LINE
- SMH 2 EXISTING SANITARY MANHOLE
- SS EXISTING SANITARY LINE
- CO EXISTING CLEANOUT
- ⊗ FH EXISTING FIRE HYDRANT
- W EXISTING WATER LINE
- 330 EXISTING 10' CONTOUR
- 328 EXISTING 2' CONTOUR
- SsE SOILS
- Sic2 SOILS
- ~ EXISTING TREELINE
- - - PROPOSED TREELINE
- ⊙ EXISTING WELL
- ⊙ PROPOSED 10' CONTOUR
- ⊙ PROPOSED 2' CONTOUR
- ⊗ FAILED PERC. TEST
- ⊕ PASSED PERC. TEST
- ⊙ PROP. REPLACEMENT WELL
- ⊙ EXISTING WELL FIELD LOCATED
- ⊙ APPROVED WELL AREA TO BE ABANDONED



- GENERAL NOTES:**
1. THE PROPERTY OUTLINE IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED BY FSH ASSOCIATES DATED JULY 2006.
 2. THE TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD RUN TOPOGRAPHIC SURVEY PREPARED BY FSH ASSOCIATES, DATED OCTOBER 2006.
 3. ALL EXISTING WELLS SHOWN HEREON HAVE BEEN FIELD LOCATED.
 4. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
 5. ALL WELLS AND SEPTIC SYSTEMS WITHIN 100' FROM THE PROPERTY BOUNDARIES HAVE BEEN SHOWN.
 6. ANY CHANGE TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

SOILS LEGEND

SYMBOL	NAME / DESCRIPTION	GROUP	K-FACTOR	ERODIBLE
Co	CODORUS AND HATBORO SILT LOAMS, 0 TO 3 PERCENT SLOPES	C	.37	NO
GgB	GLENELG LOAM, 3 TO 8 PERCENT SLOPES	B	.28	NO
GgC	GLENELG LOAM, 8 TO 15 PERCENT SLOPES	B	.28	NO

SOILS INFORMATION FROM USDA WEB SOIL SURVEY WEBSITE
HOWARD COUNTY SOILS MAP NUMBER 16 - CLARKVILLE NW

HIGHLY ERODIBLE SOILS ARE THOSE SOILS WITH A SLOPE GREATER THAN 15 PERCENT OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR K GREATER THAN 0.35 AND WITH A SLOPE GREATER THAN 5 PERCENT

OWNER/DEVELOPER
GREENFIELD HOMES, INC.
6656 LUSTER DRIVE
HIGHLAND, MARYLAND 20777
(410) 781-6782

NOTE:
THE PURPOSE OF THIS REVISED PERCOLATION CERTIFICATION PLAN IS TO ABANDON THE WELL ENVELOPE ON LOT 13 AND ESTABLISH TWO ALTERNATE WELL LOCATIONS.

PERCOLATION CERTIFICATION:
I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION, AND ARE CORRECT, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

Thomas M. Hofman, Jr.
THOMAS M. HOFMAN, JR.
LAND SURVEYOR No. 267

5-16-16
DATE

PLAN VIEW
SCALE: 1"=40'

SCALE 1"=40'
20' 0' 40'

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEM.

SHARED
▲

Maureen Rozman
Maureen Rozman
COUNTY HEALTH OFFICER

5/26/2016
DATE

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

REVISED PERCOLATION CERTIFICATION PLAN
WILLOW POND
LOT 13
6298 HEATHER GLEN WAY
CLARKVILLE, MD 21029

TAX MAP 34
BLOCK 17
5TH ELECTION DISTRICT

PARCEL 444
ZONED RR-DEO
HOWARD COUNTY, MARYLAND

ROBERT H. VOGEL ENGINEERING, INC.
ENGINEERS • SURVEYORS • PLANNERS
8407 MAIN STREET
ELLCOTT CITY, MD 21043
TEL: 410.461.7666
FAX: 410.461.8961

DESIGN BY: RHV
DRAWN BY: JMR
CHECKED BY: RHV
DATE: MAY 2016
SCALE: AS SHOWN
W.O. NO.: 14-33

1 SHEET OF 1

ROBERT H. VOGEL, PE No.16193