

Howard County Health Department

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

Bureau of Environmental Health
8930 Stanford Boulevard, Columbia, MD 21045
Main: 410-313-2640 | Fax: 410-313-2648
TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org
Facebook: www.facebook.com/hocohealth

RECEIPT DATE: 9/15/20 ONSITE SEWAGE DISPOSAL SYSTEM P 567976

APPROVAL DATE: 12/11/2020 PERMIT: CONSTRUCTION A

PROPERTY ADDRESS: 3689 FOLLY QUARTER ROAD, ELLICOTT CITY, MD 21042

SUBDIVISION: FOXLEIGH (frmr. HYMAN PROPERTY, Parcel 110) LOT: 15 TAX ID: 03-306046

CONTRACTOR: WTC CONTRACTORS, INC. EMAIL:

CONTRACTOR ADDRESS: 3033 SALEM BOTTOM ROAD, WESTMINSTER, MD 21157 PHONE: (410)875-9771

PROPERTY OWNER: CBI HOMES, LLC EMAIL: pwalter@catonsvillehomes.com

OWNER ADDRESS: 11175 STRATFIELD COURT, MARRIOTTSVILLE, MD 21104 PHONE: (410)442-2215

SEPTIC TANK SIZE (GALLONS): 2000 TANK MANUFACTURER: BABYLON VAULT

PUMP MODEL: NA PUMP SIZE NA PUMP TANK CAPACITY: NA

DISTRIBUTION SYSTEM: [X] GRAVITY [] PRESSURE DOSED BEDROOMS: 5 APPLICATION RATE: 0.6

Table with 2 columns: Field Name (TRENCHES, LOCATION, NOTES) and Field Value (Linear feet required: 150, Inlet depth: 3.0, etc.)

ISSUED BY: R BRICKER ISSUE DATE: 9/29/20 EXPIRATION DATE: 9/15/21

- 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 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
NOTE: MDE RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRETREATMENT UNITS BE PUMPED AT A FREQUENCY ADEQUATE TO ENSURE THAT SOLIDS ARE NOT DISCHARGED TO THE DISPOSAL AREA

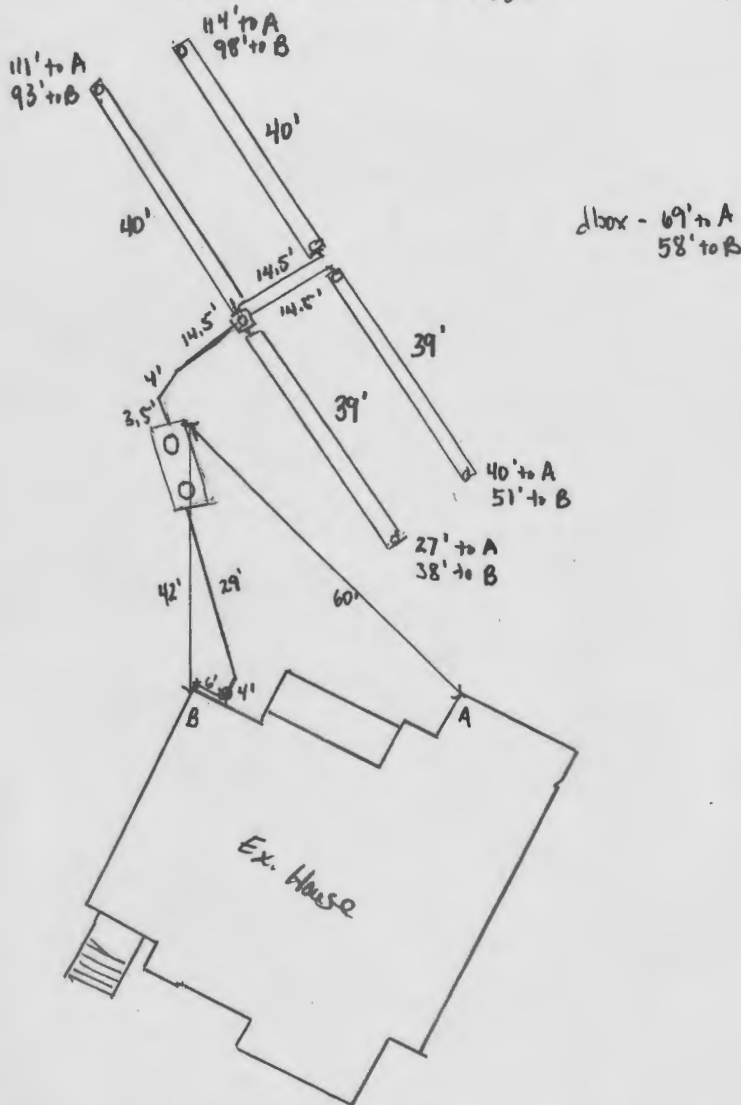
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

CALL 410-313-1771 TO SCHEDULE INSPECTIONS.

Folley Quarter Rd

NOT TO SCALE 1" = 30'



ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	3'	8'
NUMBER OF TRENCHES		4
TOTAL LENGTH		158'
ABSORPTION AREA		474' + sidewall
DISTRIBUTION BOX LEVEL		yes
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	1.5'
BAFFLES	6" front, 4" back
BAFFLE FILTER	-
MANHOLE LOC	front + back
6" PORT LOC	-
WATERTIGHT TEST	-
SLOTTED	yes
DATE ON LID	10/13/20

PUMP/SEPTIC TANK LEVEL

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

PRE-CONSTRUCTION:

12/1/2020 laid out 4 x 37.5' trenches according to plan (BT)

INSTALLATION:

12/1/20 - site inspection - contractor onsite system installed according to plan, trenches a little longer than layout measurements, stone looks good, geotextile fabric in place, d box water levelers ok, 2 trench cap caps missing but covered w/ duct tape, until 12/1/20 at which point WTC will return and install these 2 caps, also SHC missing sealant, WTC to complete sealant on 12/1/20, contractor stated that photos of these final items will be sent to HD on 12/1/20, OK to backfill, leave SHC open for sealant, (BT) 12/1/20 - spoke to Shorty @ WTC who said his workers onsite are sealing the SHC & adding 2 missing clo caps and said he'd send pics as soon as final work is completed. (BT) 12/1/20 - rec'd photos, 2 missing clo's added and SHC sealed w/ tar @ the house. (BT)

FINAL INSPECTOR

R. Ruppert

DATE OF APPROVAL

12/1/20

U.S. Equivalent Coordinate Table		Metric Coordinate Table		
POINT	NORTH (feet)	EAST (feet)	NORTH (meters)	EAST (meters)
200	583906.6241	133632.9172	177944.614903	407284.607733
201	583889.1409	1336326.8109	177969.765970	407313.226594
202	583886.8692	1336326.0299	177969.078454	407323.980552
203	583736.6352	1336494.1193	177923.282243	407364.222302
204	583692.5766	1336540.6484	177909.853177	407378.404396
205	583567.9806	1336442.6507	177871.876234	407348.534618

The Requirements § 3-108, The Real Property Article, Annotated Code of Maryland, 1989 Replacement Volume, (As Supplemented) As Far As They Relate To The Making Of This Plat And The Setting Of Markers Have Been Complied With.

Terrell A. Fisher, L.S. #10692 (Registered Land Surveyor)	Date
Lawrence R. Hyman	Date
Lois W. Hyman	Date

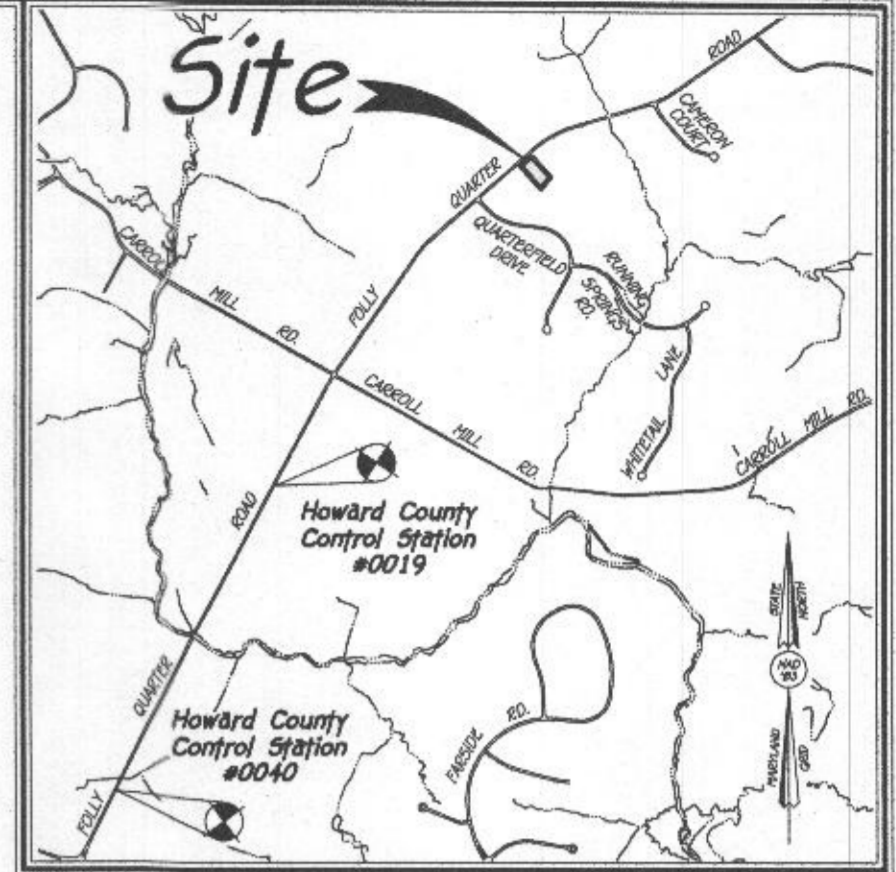
Legend

- Existing 5' Private Utility Easement (P.B. 7, F. 99)
- Existing B.R.L.'s (P.B. 7, F. 99) Removed by Recordation Of This Plat
- Existing Declaration Of Right To Access And Maintenance Obligations For Lot 15, Locust Ridge Estates And Tax Parcels 67, 108, 110, 111 And 113 (L. F.)
- Private Trash Pad Easement For Lot 15, Locust Ridge Estates And Tax Parcels 67, 108, 110, 111 And 113

Fisher, Collins & Carter, Inc.
Civil Engineering Consultants & Land Surveyors
Centennial Square Office Park-10272 Baltimore National Pike
Ellicott City, Maryland 21042
(410) 461-2855

Owner And Developer

Lawrence R. Hyman And
Lois W. Hyman
3681 Folly Quarter Road
Ellicott City, Maryland 21042
Ph: 410-707-0450



Howard County ADC Map #19, Grid B-8

Vicinity Map

Scale: 1"=2,000'

General Notes:

- Subject Property Zoned RC-DEO Per 10/06/13 Comprehensive Zoning Plan.
- Coordinates Based On NAD '83, Maryland Coordinate System As Projected By Howard County Geodetic Control Stations No. 0019 And No. 0040.
Sta. 0019 N 280,468.128 E 1,333,675.518 Elev. = 385.842
Sta. 0040 N 277,270.584 E 1,332,002.575 Elev. = 365.305
- This Plat Is Based On Field Run Monumented Boundary Survey Performed On Or About Jul, 2004 By Fisher, Collins And Carter, Inc.
- B.R.L. Denotes Building Restriction Line
- Denotes Iron Pin Set Capped "F.C.C. 106".
- Denotes Iron Pipe Or Iron Bar Found.
- Denotes Angular Change In Bearing Of Boundary Or Rights-Of-Way.
- Denotes Concrete Monument Set With Aluminum Plate "F.C.C. 106".
- Denotes Concrete Monument Or Stone Found.
- All Areas Are More Or Less (±).
- Distances Shown Are Based On Surface Measurement And Not Reduced To NAD '83 Grid Measurement.
- Driveways Shall Be Provided Prior To Issuance Of A Use And Occupancy Permit For Any New Dwellings To Ensure Safe Access For Fire And Emergency Vehicles Per The Following (Minimum) Requirements:
a). Width - 12 Feet (16 Feet Serving More Than One Residence);
b). Surface - Six (6") Inches Of Compacted Crusher Run Base With Tar And Chip Coating (1 - 1/2" Minimum);
c). Geometry - Maximum 15% Grade, Maximum 10% Grade Change And 45-Foot Turning Radius;
d). Structures (Culverts/Bridges) - Capable Of Supporting 25 Gross Tons (H25-Loading);
e). Drainage Elements - Capable Of Safely Passing 100 Year Flood With No More Than 1 Foot Depth Over Surface;
f). Structure Clearance - Minimum 12 Feet;
g). Maintenance - Sufficient To Ensure All Weather Use.
- Property Subject To Prior Department Of Planning And Zoning File No's: P.B. 7, F. 99 And Simplified Environmental Concept Plan Approved July 25, 2010.
- There Are No Existing Dwellings Or Structures On Lot 15.
- This Plan Is Exempt From Forest Conservation In Accordance With Section 16.1202(b)(1)(vii) Of The Howard County Code Because This Is A Revision Plat That Does Not Create Any New Lots.
- Stormwater Management Is In Accordance With The M.D.E. Storm Water Design Manual, Volumes I & II, Revised 2009. Non-Structural Practices In Accordance With Chapter 5 Are Being Utilized.
- This Plat Is Subject To The Amended Fifth Edition Of The Subdivision And Land Development Regulations And The 10/06/13 Comprehensive Zoning Plan. Development Or Construction On Lot 1 Must Comply With Setback And Buffer Regulations In Effect At The Time Of Submission Of The Site Development Or Plat Plan, Waiver Petition Application Or Building/Grading Permit.
- The Lot Shown Hereon Complies With The Minimum Ownership Width And Lot Area As Required By The Maryland State Department Of The Environment.
- This Property Is Located Outside The Metropolitan District And Will Be Served By Private Water And Public Sewer.
- No 100 Year Floodplain, Forest, Wetlands, Steep Slopes, Streams Or Environmental Buffers Exist Within The Limits Of The Final Plat.

General Notes Continued:

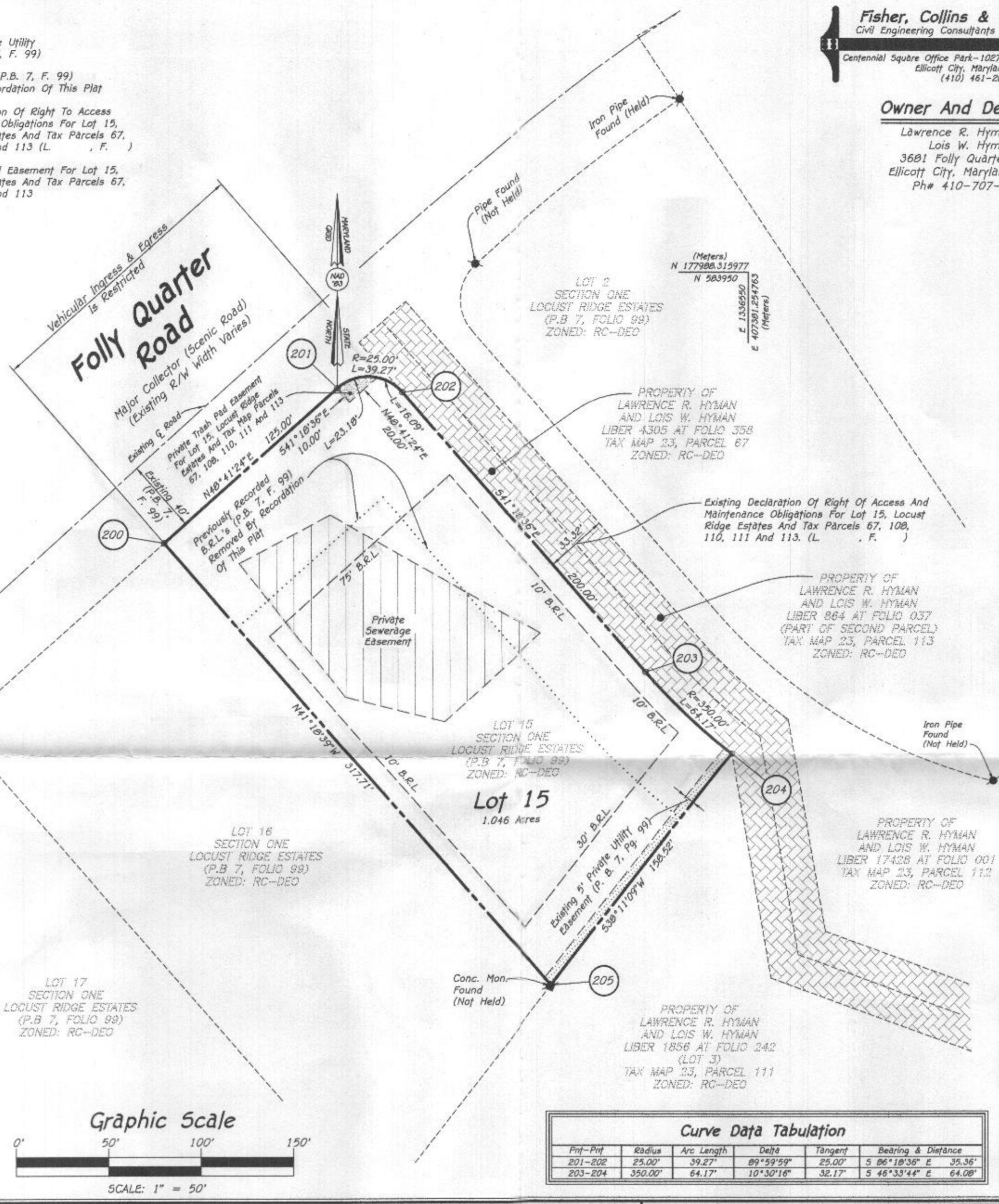
- This Area Designates A Private Sewerage Easement Of At Least 10,000 Square Feet As Required By The Maryland State Department Of The Environment For Individual Sewerage Disposal. Improvements Of Any Nature In This Area Are Restricted Until Public Sewerage Is Available. These Easements Shall Become Null 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 Easement Shall Not Be Necessary.
- This Plan Is Exempt From Perimeter Landscaping In Accordance With Section 16.124 Of The Howard County Code And Landscape Manual. Since It Is A Plat Of Revision That Does Not Create Any New Lot/Parcel Divisions And This Lot Was Created In July Of 1960, Prior To The Effective Date Of The 1993 Edition Of The Subdivision And Land Development Regulations.

Reservation Of Public Utility Easements

Developer Reserves Unto Itself, Its Successors And Assigns, All Easements Shown On This Plan For Water, Sewer, Storm Drainage, And Other Public Utilities Located In, On, Over, And Through Lot 15. Any Conveyances Of The Aforesaid Lot Shall Be Subject To The Easements Herein Reserved, Whether Or Not Expressly Stated In The Deed(s) Conveying Said Lot. Developer Shall Execute And Deliver Deeds For The Easements Herein Reserved To Howard County. Upon Completion Of The Public Utilities And Their Acceptance By Howard County, The County Shall Accept The Easements And Record The Deed(s) Of Easement In The Land Records Of Howard County.

Area Tabulation This Submission

TOTAL NUMBER OF BUILDABLE LOTS TO BE RECORDED	1
TOTAL NUMBER OF OPEN SPACE LOTS TO BE RECORDED	0
TOTAL NUMBER OF NON-BUILDABLE PRESERVATION PARCELS TO BE RECORDED	0
TOTAL NUMBER OF LOTS/PARCELS TO BE RECORDED	1
TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED	1.046 Ac.±
TOTAL AREA OF OPEN SPACE LOTS TO BE RECORDED	0.000 Ac.±
TOTAL AREA OF NON-BUILDABLE PRESERVATION PARCELS TO BE RECORDED	0.000 Ac.±
TOTAL AREA OF LOTS/PARCELS TO BE RECORDED	1.046 Ac.±
TOTAL AREA OF ROADWAY TO BE RECORDED	0.000 Ac.±
TOTAL AREA TO BE RECORDED	1.046 Ac.±



Curve Data Tabulation

Point-Point	Radius	Arc Length	Delta	Tangent	Bearing & Distance
201-202	25.00'	39.27'	89°59'59"	25.00'	S 86°10'36" E 35.36'
203-204	350.00'	64.17'	10°30'16"	32.17'	S 46°33'44" E 64.08'

APPROVED: For Private Water And Private Sewerage Systems
Howard County Health Department

Howard County Health Officer _____ Date _____

APPROVED: Howard County Department Of Planning And Zoning.

Chief, Development Engineering Division _____ Date _____

Director _____ Date _____

Owner's Certificate

We, Lawrence R. Hyman And Lois W. Hyman, Owners Of The Property Shown And Described Hereon, Hereby Adopt This Plan Of Subdivision; And In Consideration Of The Approval Of This Plat By The Department Of Planning And Zoning Establish The Minimum Building Restriction Lines. All Easements Of (Or) Rights-Of-Way Affecting The Property Are Included In This Plan Of Subdivision. Witness My/Our Hand/s This Day Of _____, 2018.

Lawrence R. Hyman _____ Witness _____

Lois W. Hyman _____ Witness _____

Surveyor's Certificate

I Hereby Certify To The Best Of My Knowledge That The Final Plat Shown Hereon Is Correct, That It Was Prepared By Me Or Under My Responsible Charge And That I Am A Duly Licensed Professional Land Surveyor Under The Laws Of The State Of Maryland; That It Is All Of The Lands Conveyed By Mary Force To Lawrence R. Hyman And Lois W. Hyman By Deed Dated July 14, 1988 And Recorded Among The Land Records Of Howard County, Maryland In Liber 1856 At Folio 240; And Being Lot 15, As Shown On A Plat Entitled "Section One, Locust Ridge Estates" Recorded Among The Aforesaid Land Records In Plat Book 7 At Folio 99; All Monuments Are In Place In Accordance With The Annotated Code Of Maryland, As Amended.

Terrell A. Fisher, Professional Land Surveyor No. 10692 Date Expiration Date: December 13, 2019

Purpose Statement

The Purpose Of This Plat Is To: (1) To Revise Building Restriction Lines (B.R.L.) To Current Zoning Regulations (RC-DEO); (2) Identify Private Sewerage Easement; (3) Identify Limit Of Vehicular Ingress & Egress Restricted Along Folly Quarter Road; And (4) To Create A Private Trash Pad Easement For Lot 15, Locust Ridge Estates And Tax Parcels 67, 108, 110, 111 And 113.

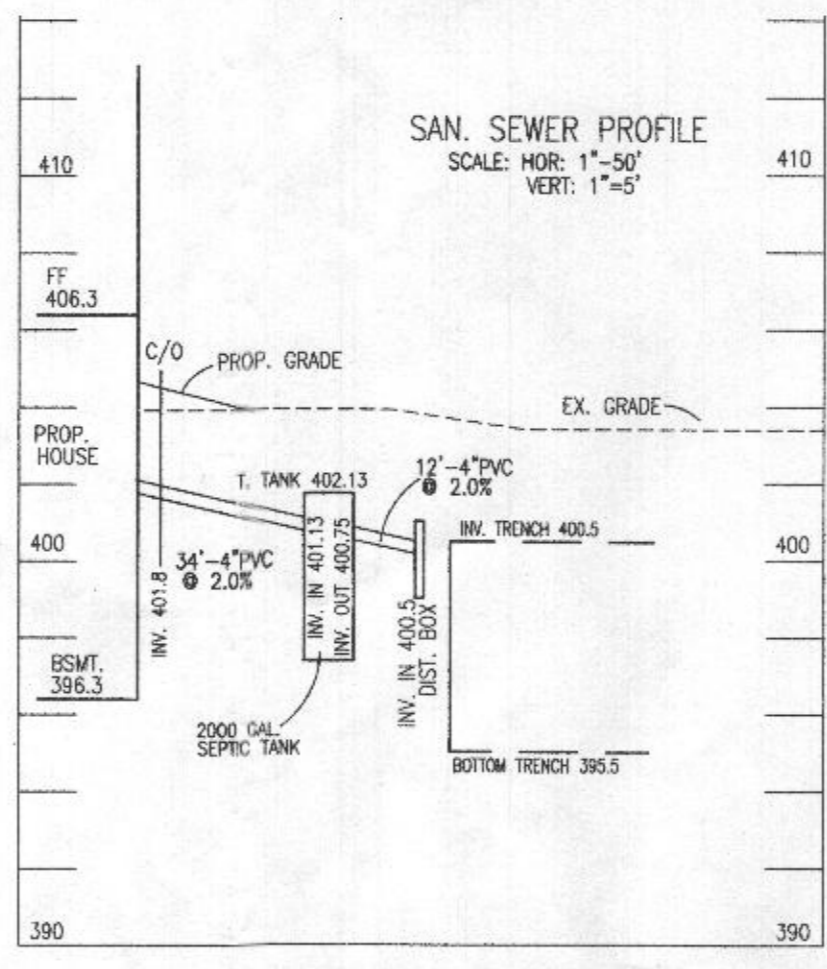
RECORDED AS PLAT No. _____ ON _____
AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

**Revision Plat
Locust Ridge Estates
Section One
Lot 15**

(Being A Revision To Lot 15, As Shown On A Plat Entitled "Section One, Locust Ridge Estates" Recorded Among The Land Records Of Howard County, Maryland In Plat Book 7 At Folio 99)

Zoned: RC-DEO
Tax Map: 23, Grid: 9, Parcel: 6B
Third Election District - Howard County, Maryland
Date: August 1, 2018 Scale: As Shown Sheet 1 Of 1





SEPTIC SYSTEM TRENCH DESIGN

INITIAL NUMBER OF BEDROOMS = 5
 APPLICATION RATE = 0.6 GPD / sq.ft.
 DESIGN FLOW: 150 GPD X 5 BEDROOMS = 750 GPD
 750 GPD / 0.6 GPD/sq.ft. = 1250 sq.ft.
 1250 sq.ft. / 3 ft. WIDE TRENCH = 417 LF TRENCH
 417 LF TRENCH X 0.36 REDUCTION CREDIT = 150 LF TRENCH
 TRENCH 1-1&2 EX. GRD=403.5 -INV. TRENCH=400.5 -B. TRENCH=395.5
 TRENCH 1-3&4 EX. GRD=402.6 -INV. TRENCH=399.6 -B. TRENCH=394.6

NOTE: INITIAL TRENCHES TO BE CONNECTED AND DISTRIBUTION PIPE TO BE INSTALLED IN EACH DIRECTION FROM CENTER.

1st REPLACEMENT

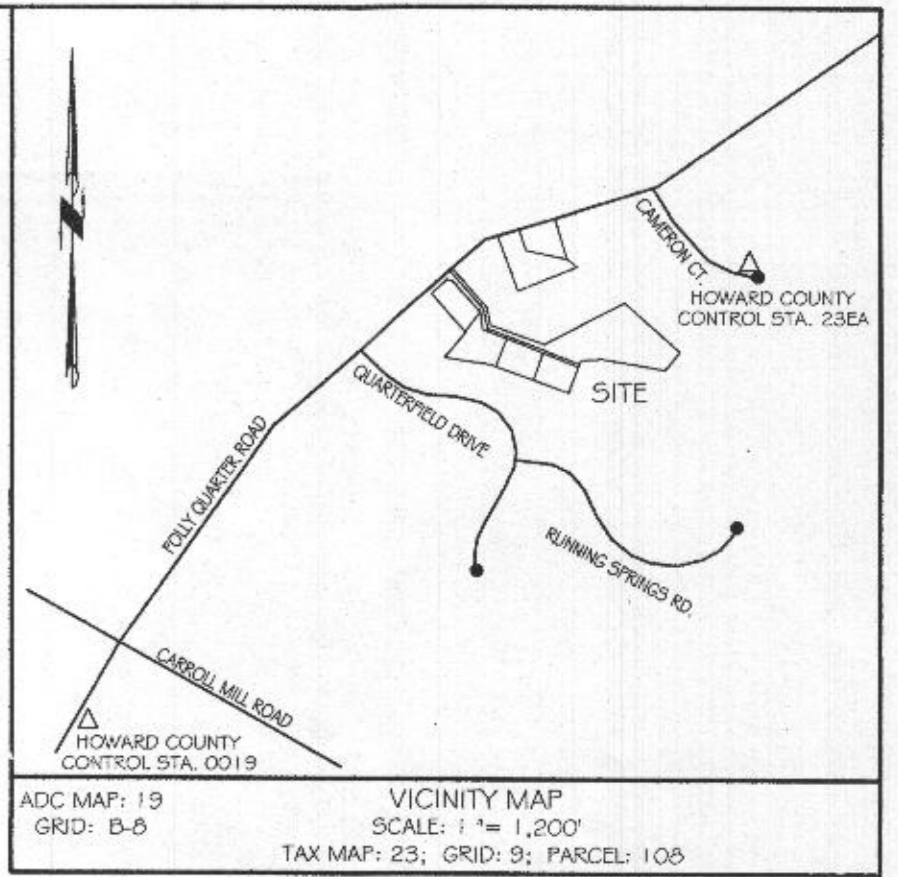
APPLICATION RATE = 0.8 GPD / sq.ft.
 DESIGN FLOW: 150 GPD X 5 BEDROOMS = 750 GPD
 750 GPD / 0.8 GPD/sq.ft. = 937.5 sq.ft.
 937.5 sq.ft. / 3 ft. WIDE TRENCH = 312.5 LF TRENCH
 312.5 LF TRENCH X 0.36 REDUCTION CREDIT = 112.5 LF TRENCH
 TRENCH 2-1 EX. GRD=401.8 -INV. TRENCH=398.8 -B. TRENCH=393.8
 TRENCH 2-2 EX. GRD=401.8 -INV. TRENCH=398.8 -B. TRENCH=393.8

2nd REPLACEMENT

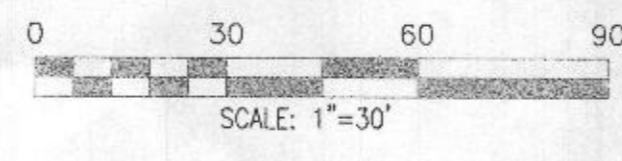
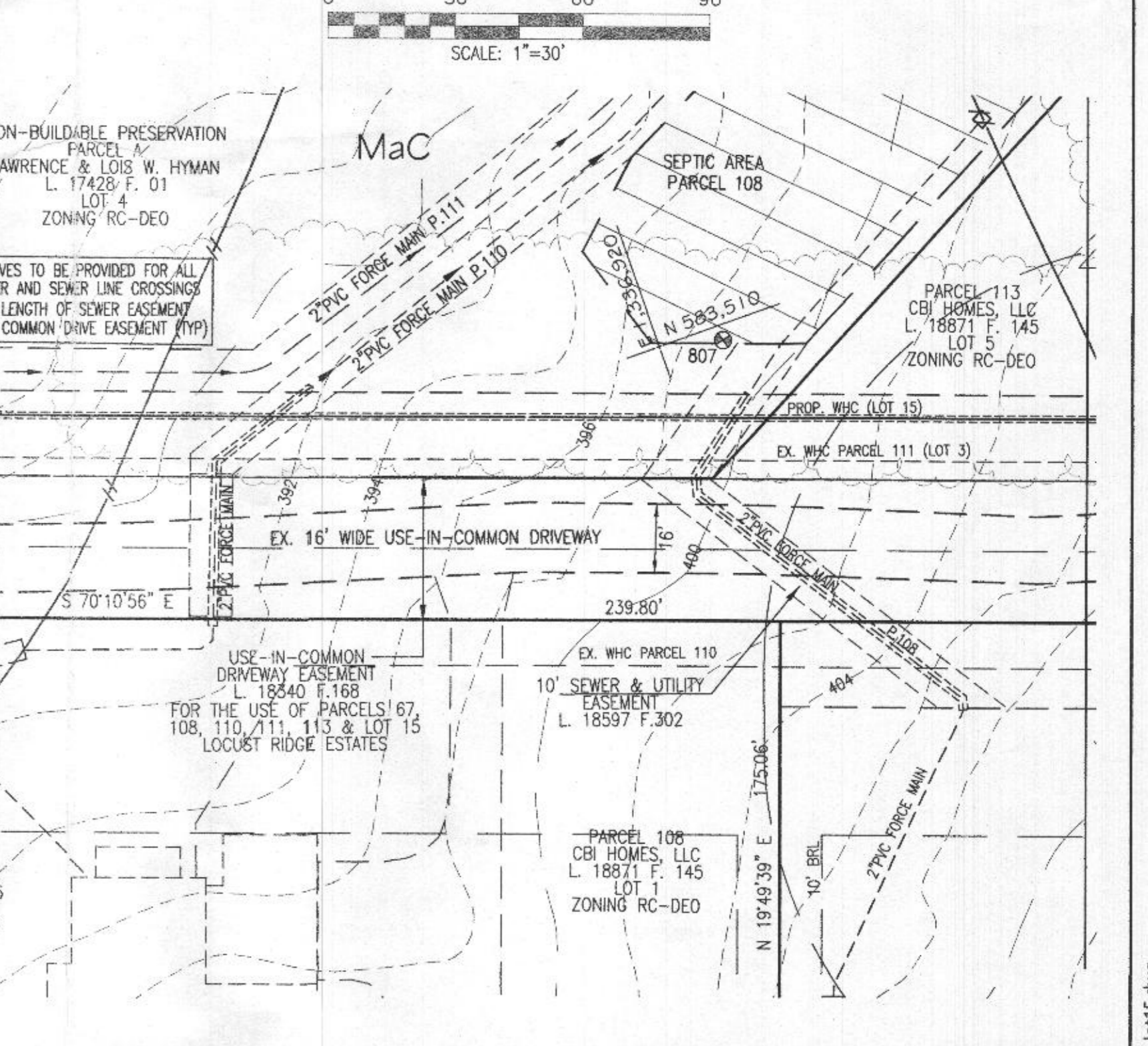
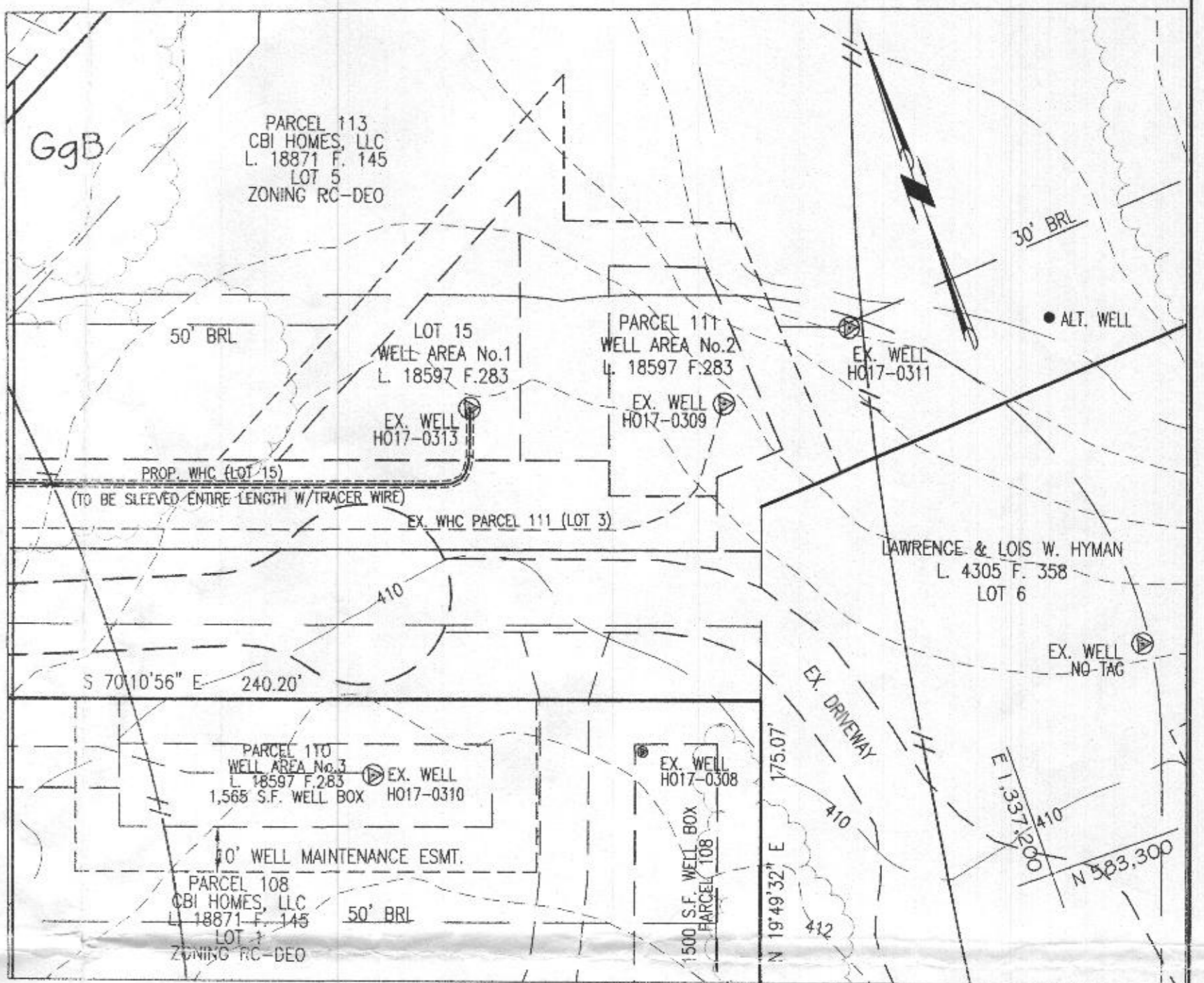
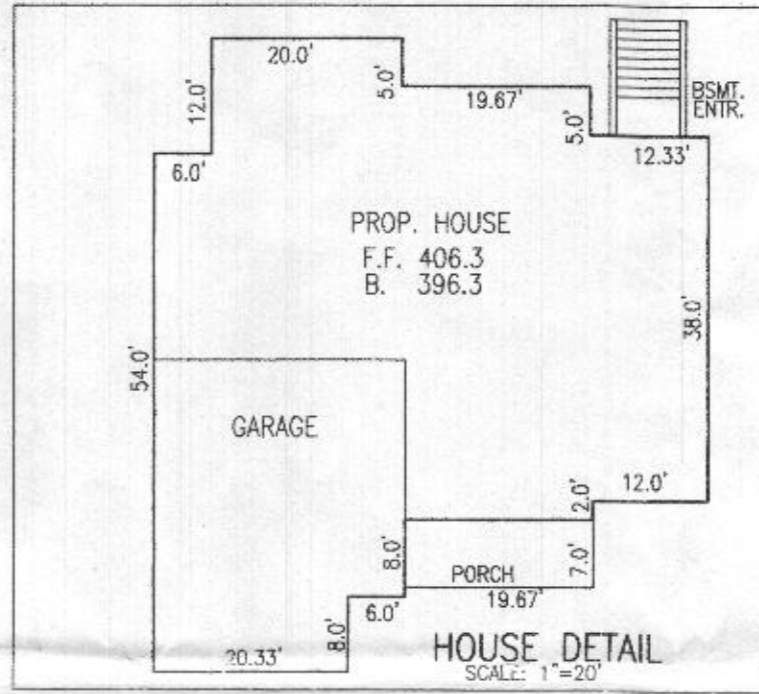
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 750 GPD / 0.6 GPD/sq.ft. = 1250 sq.ft.
 1250 sq.ft. / 3 ft. WIDE TRENCH = 417 LF TRENCH
 417 LF TRENCH X 0.45 REDUCTION CREDIT = 188 LF TRENCH
 TRENCH 3-1 EX. GRD=400.5 -INV. TRENCH=397.5 -B. TRENCH=392.5
 TRENCH 3-2 EX. GRD=399.0 -INV. TRENCH=396.0 -B. TRENCH=391.0
 TRENCH 3-3 EX. GRD=398.5 -INV. TRENCH=395.5 -B. TRENCH=390.5

- GENERAL NOTES:**
- TOPOGRAPHY & PLANIMETRIC FEATURES SHOWN HEREON TAKEN FROM COPYRIGHTED GIS DATA FROM HOWARD COUNTY, SUPPLEMENTED WITH FIELD LOCATIONS BY VANMAR ASSOCIATES, INC. CONTOUR INTERVAL IS 2 FEET. VERTICAL DATUM IS NAVD83.
 - THE EXISTING WELLS SHOWN ON THIS PLAN HAVE BEEN FIELD LOCATED BY VANMAR ASSOCIATES OR TAKEN FROM AVAILABLE RECORDS AND ACCURATELY SHOWN.
 - ZONING DISTRICT: RC-DEO
 - LIMIT OF DISTURBANCE (LOD) = 26,500 SQ.FT.
 - THERE ARE NO STREAMS, PONDS, FLOODPLAINS OR WETLANDS ON THIS LOT.

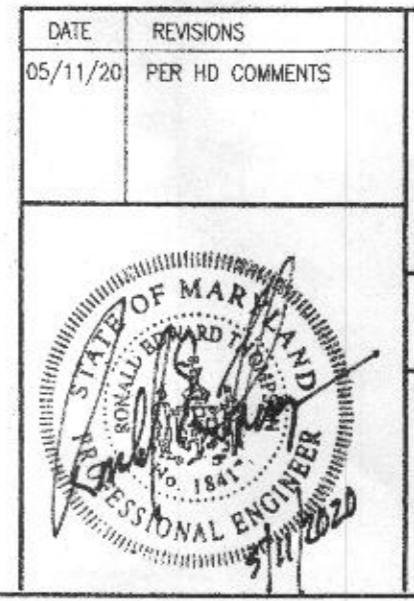
- SITE PLAN NOTES:**
- ANY CHANGE TO THE LOCATIONS OR DEPTHS TO ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO INSTALLATION. A REVISED SITE PLAN MAY BE REQUIRED.
 - MAXIMUM COVER OVER THE TANK IS 3 FEET. GREATER DEPTH WILL REQUIRE A HEAVY LOAD BEARING TANK.
 - ELECTRICAL WORK FOR THE INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
 - THE WELL (TAG #HD-17-0313) HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.
 - ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 100' DOWN GRADIENT OF ANY WELLS AND OR SEPTIC SYSTEMS HAVE BEEN SHOWN.



Approved Septic System Plan
 Howard County Health Department
 2000 Gal Septic Tank
 For 5 Bedrooms w/ CED
 5/14/2020



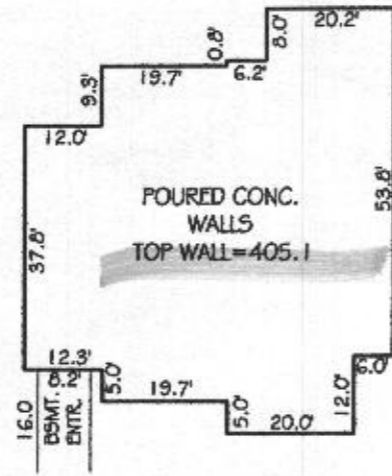
PROFESSIONAL CERTIFICATION
 I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 18417, Expiration Date: 2-18-21.



DATE: 05/11/20	REVISIONS: PER HD COMMENTS	ON SITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN LOT 15, SECTION ONE LOCUST RIDGE ESTATES CBI HOMES, LLC L. 18871 F. 145 PARCEL 4 3689 FOLLEY QUARTER ROAD	
TAX MAP: 23 GRID NO: 9 PARCEL NO: 68	ELECTION DISTRICT: No. 3 HOWARD COUNTY, MARYLAND EX. ZONING: RC-DEO		
VANMAR ASSOCIATES, INC. Engineers Surveyors Planners 310 South Main Street Mount Airy, Maryland 21771 (301) 829-2890 (301) 831-5015 (410) 549-2751 Fax (301) 831-5803 ©Copyright, Latest Date Shown			

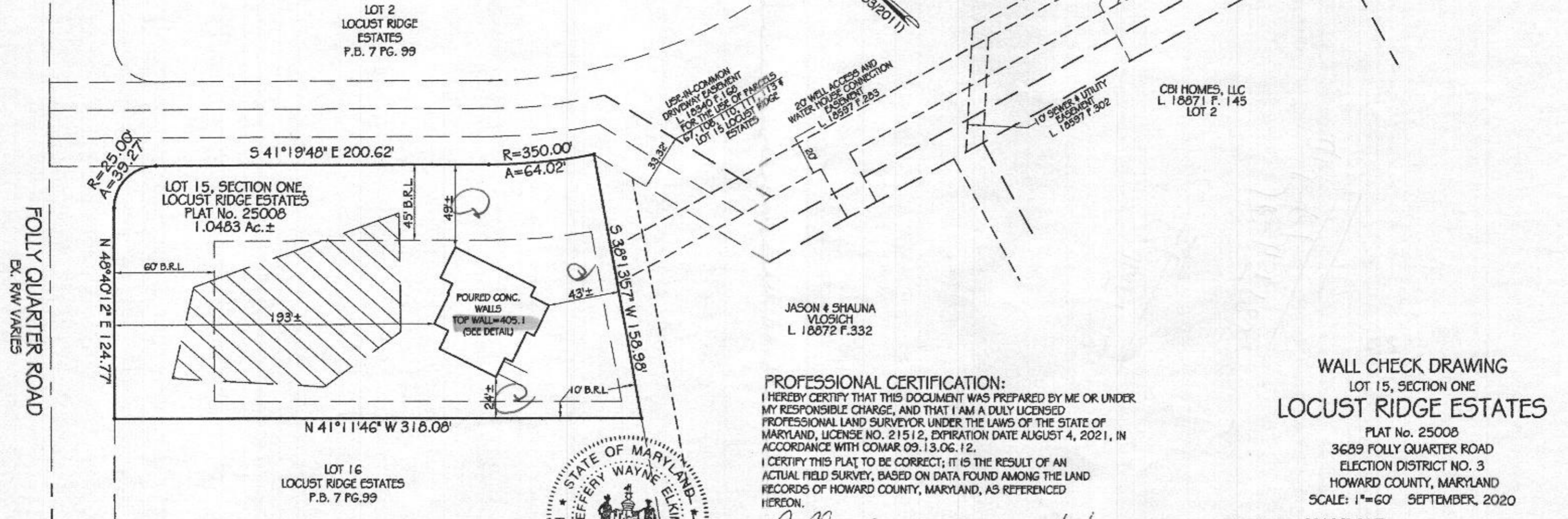
NOTES:

1. FOOTINGS AND FOUNDATION ARE IN PLACE AS SHOWN HEREON.
2. TOP OF WALL = 405.10
3. BUILDING TIES ARE ±0.5' UNLESS OTHERWISE NOTED.



HOUSE DETAIL
SCALE: 1" = 30'

APPROVED
09/22/2020



FOLLY QUARTER ROAD
EX. RW VARIES



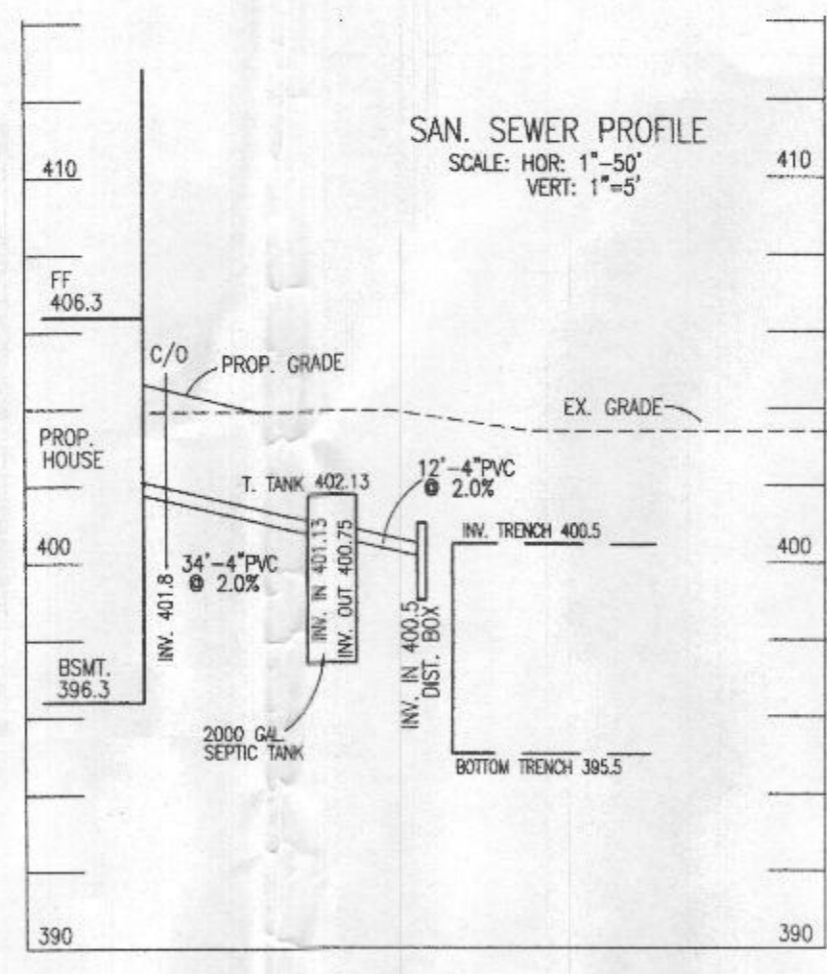
PROFESSIONAL CERTIFICATION:
I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21512, EXPIRATION DATE AUGUST 4, 2021, IN ACCORDANCE WITH COMAR 09.13.06.12.
I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.

Jeffery W. Elkins 9/8/2020
For VanMar Associates, Inc. Date
JEFFERY W. ELKINS, PROF. LAND SURVEYOR



WALL CHECK DRAWING
LOT 15, SECTION ONE
LOCUST RIDGE ESTATES
PLAT No. 25008
3689 FOLLY QUARTER ROAD
ELECTION DISTRICT NO. 3
HOWARD COUNTY, MARYLAND
SCALE: 1"=60' SEPTEMBER, 2020

VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners
310 South Main Street Mount Airy, Maryland 21771
(301) 829-2890 (301) 831-5015 (410) 549-2751
©Copyright, Latest Date Shown



SEPTIC SYSTEM TRENCH DESIGN

INITIAL NUMBER OF BEDROOMS = 5
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 DESIGN FLOW: 150 GPD X 5 BEDROOMS = 750 GPD
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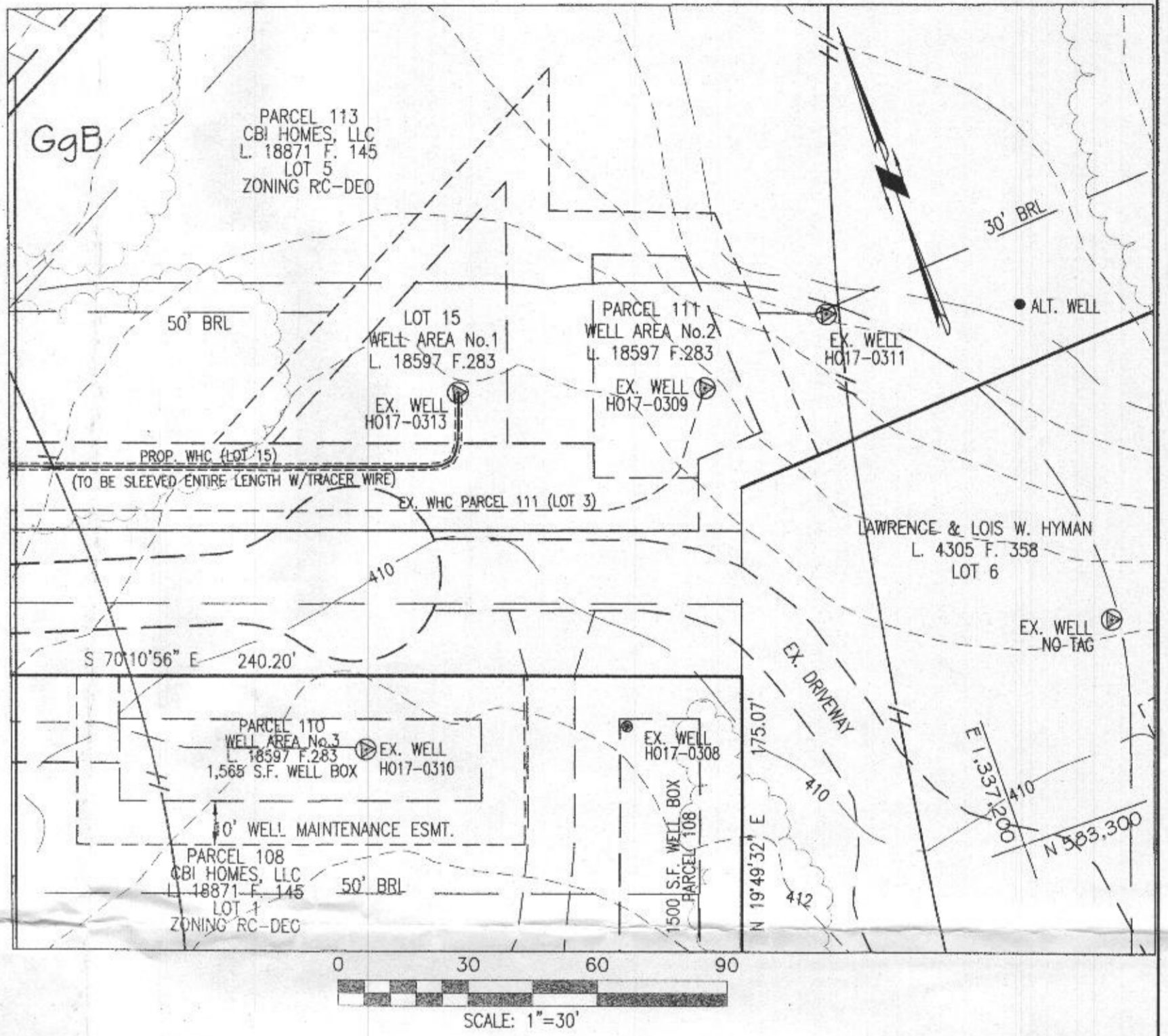
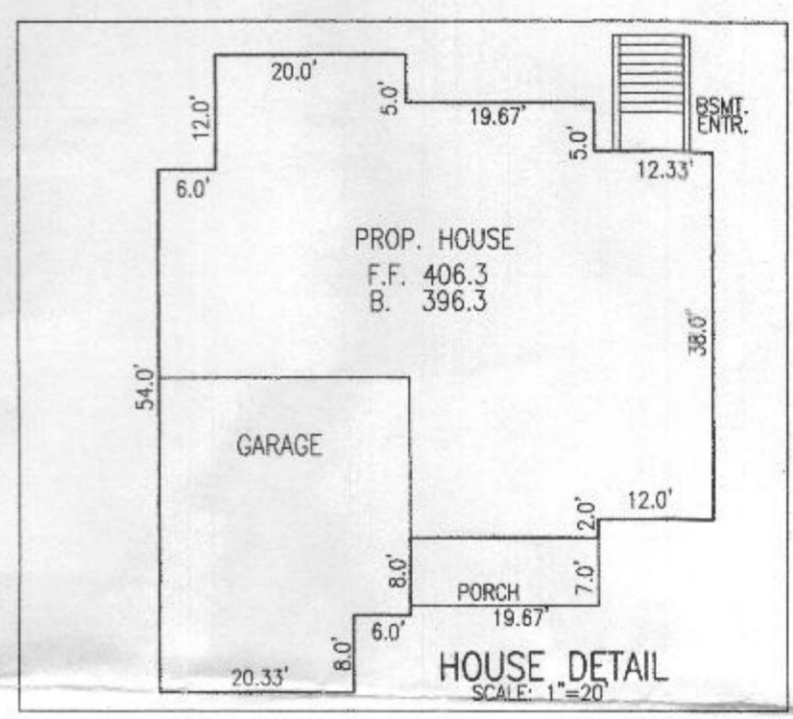
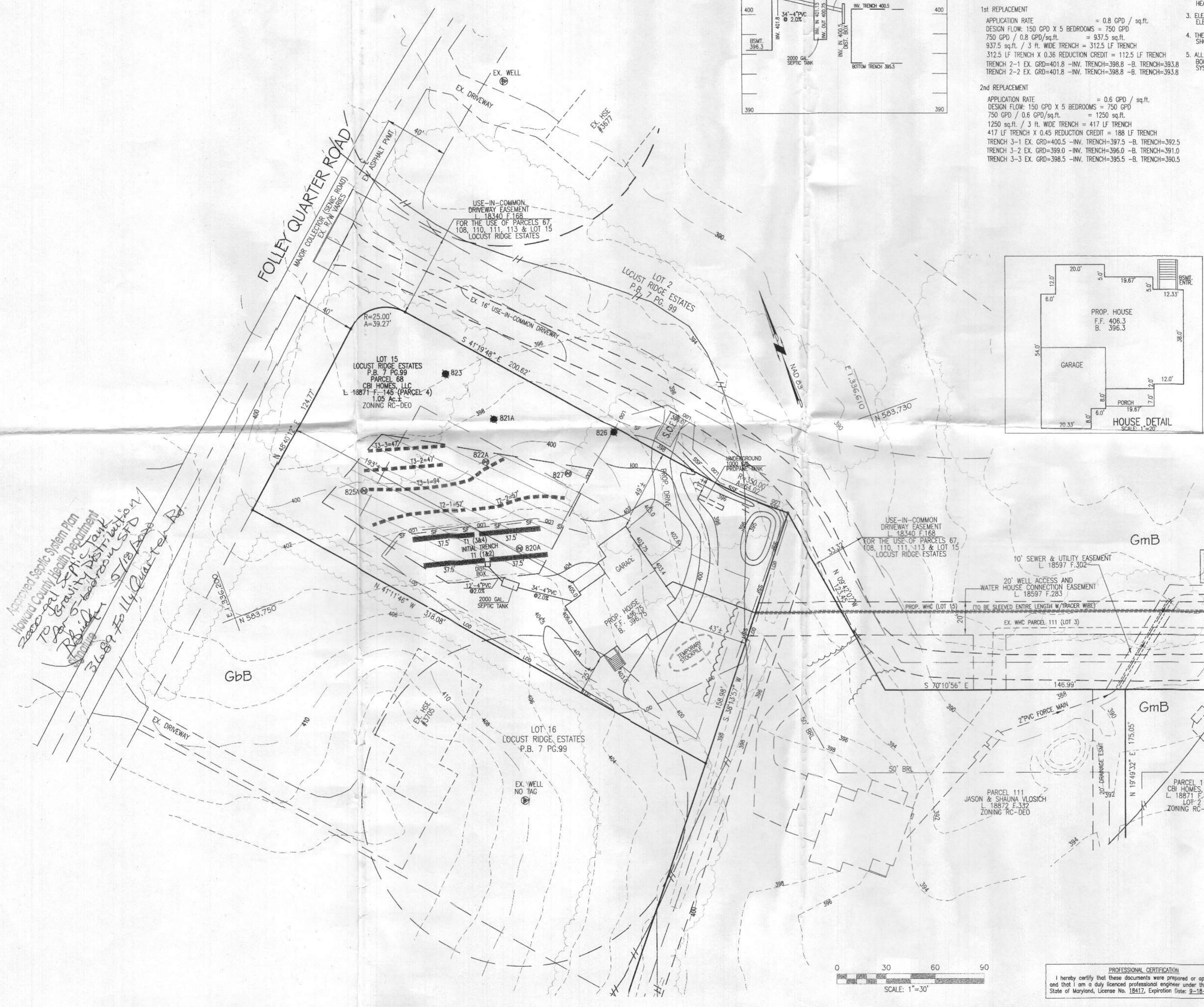
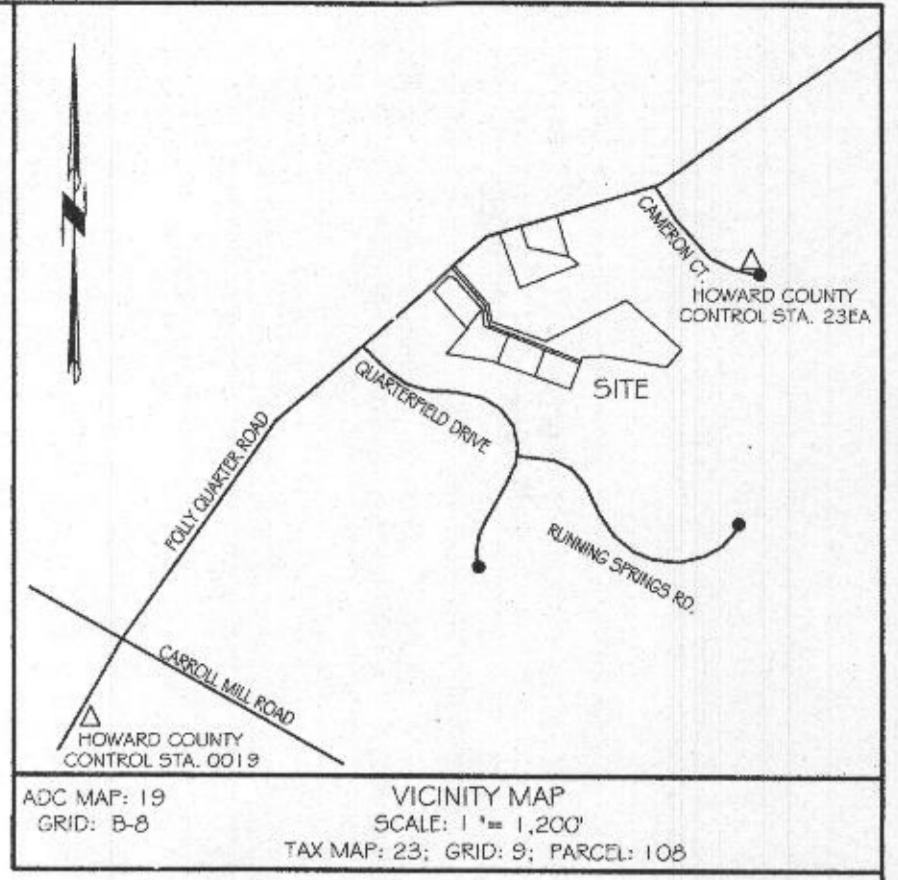
1st REPLACEMENT

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 TRENCH 2-2 EX. GRD=401.8 - INV. TRENCH=398.8 - B. TRENCH=393.8

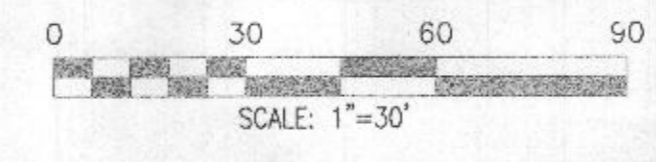
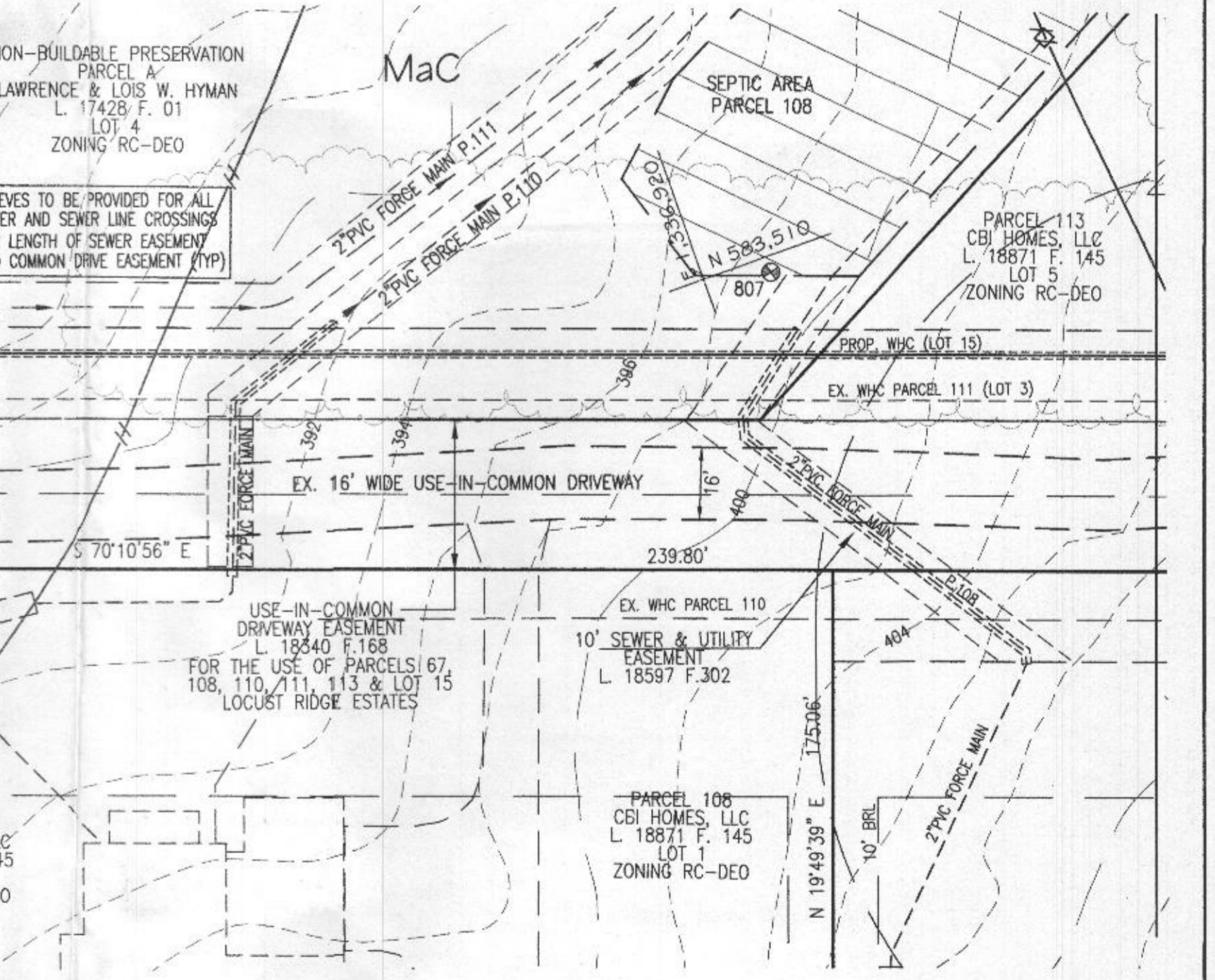
2nd REPLACEMENT

APPLICATION RATE = 0.6 GPD / sq.ft.
 DESIGN FLOW: 150 GPD X 5 BEDROOMS = 750 GPD
 750 GPD / 0.6 GPD/sq.ft. = 1250 sq.ft.
 1250 sq.ft. / 3 ft. WIDE TRENCH = 417 LF TRENCH
 417 LF TRENCH X 0.45 REDUCTION CREDIT = 188 LF TRENCH
 TRENCH 3-1 EX. GRD=400.5 - INV. TRENCH=397.5 - B. TRENCH=392.5
 TRENCH 3-2 EX. GRD=399.0 - INV. TRENCH=396.0 - B. TRENCH=391.0
 TRENCH 3-3 EX. GRD=398.5 - INV. TRENCH=395.5 - B. TRENCH=390.5

- GENERAL NOTES:**
- TOPOGRAPHY & PLANIMETRIC FEATURES SHOWN HEREON TAKEN FROM COPYRIGHTED GIS DATA FROM HOWARD COUNTY, SUPPLEMENTED WITH FIELD LOCATIONS BY VANMAR ASSOCIATES, INC. CONTOUR INTERVAL IS 2 FEET. VERTICAL DATUM IS NAVD83.
 - THE EXISTING WELLS SHOWN ON THIS PLAN HAVE BEEN FIELD LOCATED BY VANMAR ASSOCIATES OR TAKEN FROM AVAILABLE RECORDS AND ACCURATELY SHOWN.
 - ZONING DISTRICT: RC-DEO
 - LIMIT OF DISTURBANCE (LOD) = 26,500 SQ.FT.
 - THERE ARE NO STREAMS, PONDS, FLOODPLAINS OR WETLANDS ON THIS LOT.
- SITE PLAN NOTES:**
- ANY CHANGE TO THE LOCATIONS OR DEPTHS TO ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO INSTALLATION. A REVISED SITE PLAN MAY BE REQUIRED.
 - MAXIMUM COVER OVER THE TANK IS 3 FEET. GREATER DEPTH WILL REQUIRE A HEAVY LOAD BEARING TANK.
 - ELECTRICAL WORK FOR THE INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
 - THE WELL (TAG #H0-17-0313) HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.
 - ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND OR SEPTIC SYSTEMS HAVE BEEN SHOWN.



Approved Septic System Plan
 Howard County Health Department
 To be used for Septic System
 Permit Application
 3689 Folly Quarter Rd



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. 18417, Expiration Date: 8-31-21.

DATE	REVISIONS
05/11/20	PER HD COMMENTS

ON SITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN
 LOT 15, SECTION ONE
 LOCUST RIDGE ESTATES
 CBI HOMES, LLC
 L. 18871 F. 145
 PARCEL 4
 3689 FOLLY QUARTER ROAD

TAX MAP: 23 GRID NO: 5 ELECTION DISTRICT: No. 3 SCALE: 1" = 30'
 PARCEL NO: G8 HOWARD COUNTY, MARYLAND DATE: APRIL, 2020
 EX. ZONING: RC-DEO EX. ZONING: RC-DEO SHEET 1 OF 1

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