

**COMPLETE THIS FORM WHEN DROPPING OFF ANY
CORRESPONDENCE AND/OR PLANS TO THE HOWARD COUNTY
DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS COUNTER:**

Date: 3/2/20
To: Ms. Cathy AERT
(Person's Name and Division)
From: CBI Home LLC (410) 442-2211 x202
(Your Name, Company Name and Telephone Number)
Subject: Project name FORLEIGH
Project site address 3679 Folly Quarters Rd
Permit # B19004207 SDP # N/A
Other information pertinent to this project _____

- Please check the attachments below that you are submitting with this transmittal:
- Letter of response to address plan review comment letter
 - Revised plans and/or revised details: When submitting for a complete re-review, **duplicate sets shall be submitted.**
 - Letter Summarizing Changes
 - Energy conservation calculations
 - Copies of _____ (be specific).
 - Health Department Request
 - DPZ/ DED Request
 - Applicant's Request
 - Two sets of single family dwelling model plans to be placed on permanent file: Model name and/or # _____
 - Other _____

Contact Person Information: (Required)

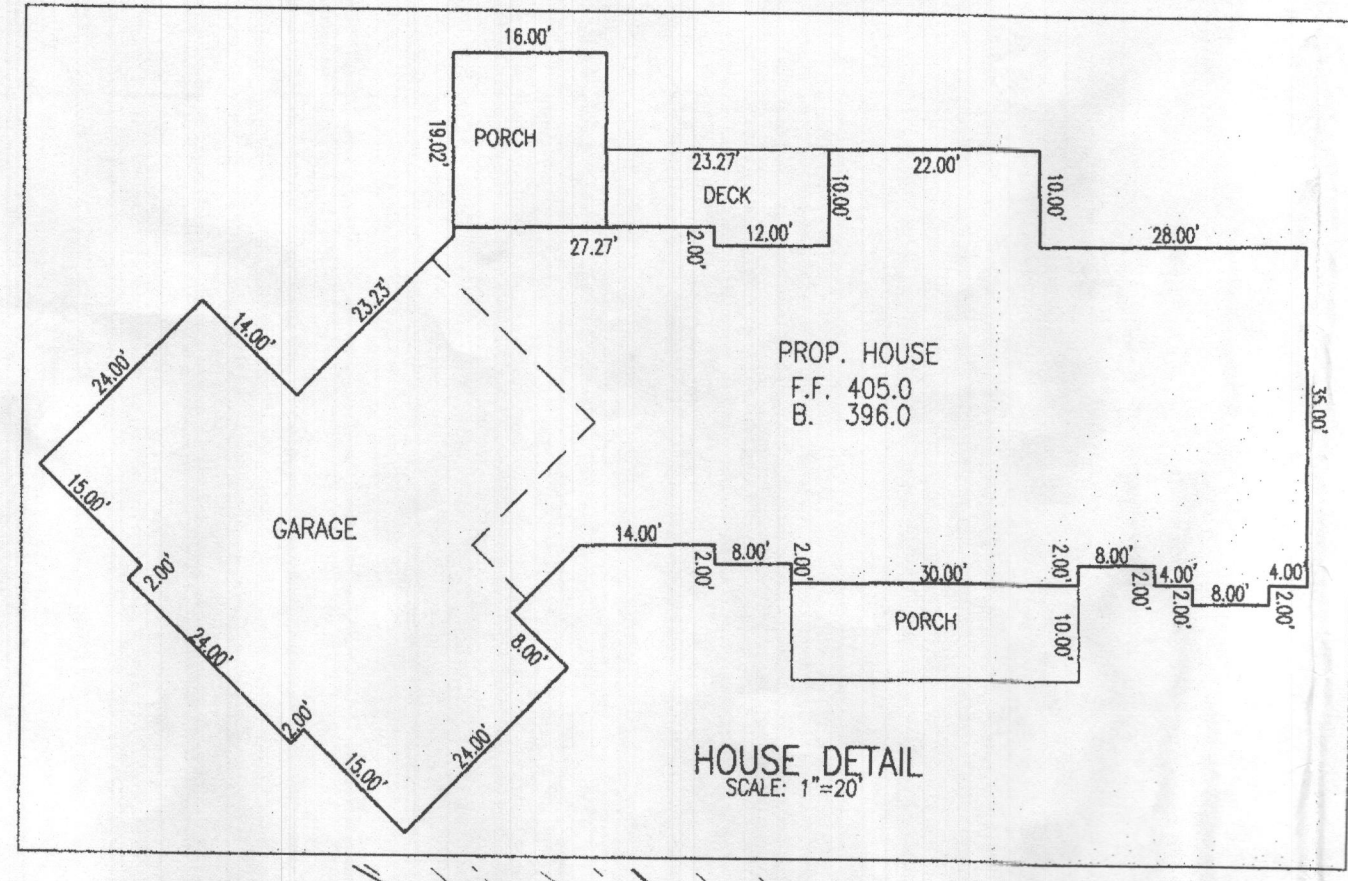
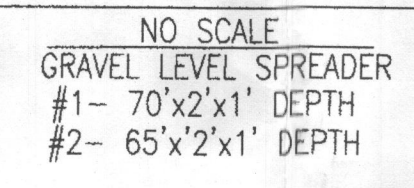
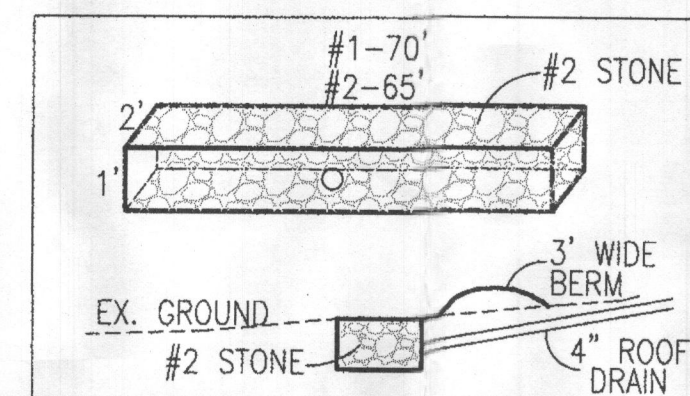
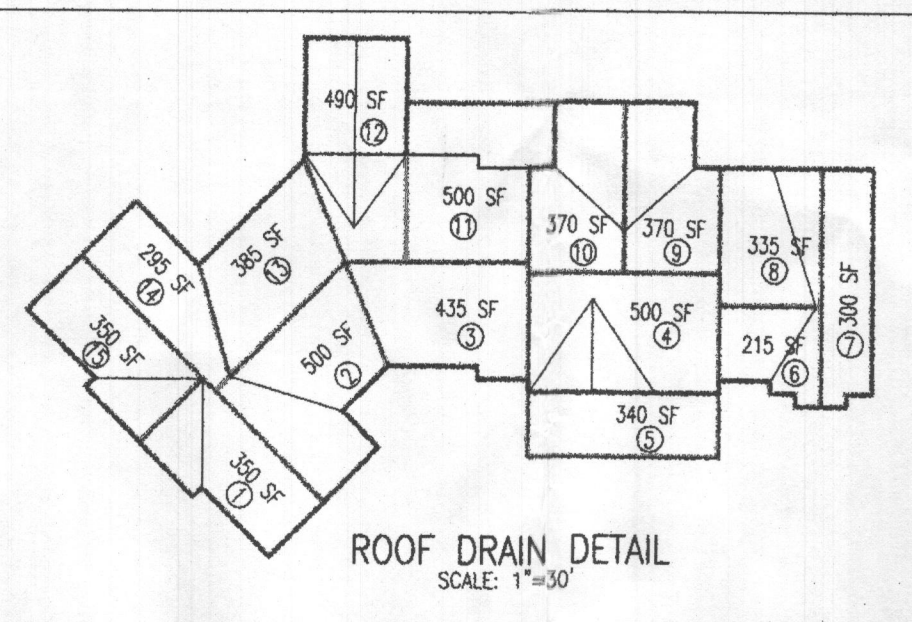
Paul WALTER Telephone No: 410-442-2211 x 202
Please Print Name E-Mail Address: pwalter@
CANDYJULIAHOWARD.COM

PLEASE ASSURE ALL DOCUMENTS AND/OR REVISIONS ARE APPROPRIATELY SIGNED AND SEALED, IF NECESSARY, BY A LICENSED ARCHITECT OR ENGINEER. PLEASE BE ADVISED THAT INSUFFICIENT INFORMATION MAY RESULT IN THE DELAY OF REVIEW BY THE PLANS EXAMINER. THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS WILL CONTACT YOU IF THERE IS A PROBLEM. IN ADDITION, ONCE THE BUILDING PERMIT IS APPROVED BY THE PLAN REVIEW DIVISION AND ALL OTHER REQUIRED SIGNATORY AGENCIES, AND THE BUILDING PERMIT IS READY FOR ISSUANCE, THE PERMIT DIVISION WILL NOTIFY THE APPROPRIATE CONTACT PERSON FOR PERMIT PICK UP. ALL PERMIT STATUS INQUIRIES SHALL BE DIRECTED TO THE PERMIT DIVISION AT 410-313-2455. CODE RELATED QUESTIONS AND PLAN REVIEW INQUIRIES SHALL BE DIRECTED TO THE PLAN REVIEW DIVISION AT 410-313-2436. PLEASE ALLOW A MINIMUM OF FIVE (5) WORKING DAYS FOR ANY PLAN SUBMITTALS TO BE REVIEWED. THANK YOU.

Received by MP Revised plot plan for Health

SWM TREATMENT SUMMARY					
PRACTICE	DRAINAGE AREA	IMPERVIOUS AREA TREATED	METHODOLOGY	VOLUME (ESD) REQUIRED	VOLUME (ESD) PROVIDED
N-2 NON-ROOFTOP DISCONNECTION	3,332 S.F.	3,332 S.F.	$ESD_v = P_e \cdot R_v \cdot A / 2$ where $P_e = 1.0$ & $R_v = 0.95$	257 c.f.	257 c.f.
N-3 SHEETFLOW TO CONSERVATION AREA LEVEL SPREADER-1	3,395 S.F.	3,395 S.F.	$ESD_v = P_e \cdot R_v \cdot A / 2$ where $P_e = 1.0$ & $R_v = 0.95$	269 c.f.	269 c.f.
N-3 SHEETFLOW TO CONSERVATION AREA LEVEL SPREADER-2	2,340 S.F.	2,340 S.F.	$ESD_v = P_e \cdot R_v \cdot A / 2$ where $P_e = 1.0$ & $R_v = 0.95$	185 c.f.	185 c.f.
TOTAL ESDv PROVIDED				711 c.f.	711 c.f.
ESDv REQUIRED				711 c.f.	

SOIL LEGEND				
MAP SYMBOL	MAPPING UNIT	K _w	SLOPE	HYDROLOGIC SOIL GROUP
CO	CODORUS AND HATBOTO SILT	0.37	3-8%	C
MaD	MANOR LOAM	0.28	15-25%	B
GgB	GLENDELG LOAM	0.24	3-8%	B
MaC	MANOR LOAM	0.28	8-15%	B



LEGEND

- SILT FENCE: SF
- LIMIT OF DISTURBANCE: LOD
- PROPOSED HOUSE SITE: [Symbol]
- EXISTING TREELINE: [Symbol]
- PROP. TREELINE: [Symbol]
- SOIL LINE: [Symbol]
- STABILIZED CONSTRUCTION ENTRANCE: [Symbol]
- N-2 NON ROOFTOP DISCONNECT: [Symbol]
- 25% SLOPE: [Symbol]
- 15-25% SLOPE: [Symbol]

VICINITY MAP
SCALE: 1" = 1,200'
TAX MAP: 23; GRID: 9; PARCEL: 113

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) = 29,750 SQ.FT.
- THERE ARE NO STREAMS, PONDS, FLOODPLAINS OR WETLANDS ON THIS LOT.
- STORM WATER MANAGEMENT FOR THIS LOT IS PROVIDED BY M-6 MICRO BIO-RETENTION.



MATCH LINE A-A

Approved Septic System Plan
Howard County Health Department
5-Bed room sFD
approved as illustrated
Signature: [Signature] Date: 3/5/2020
B19004207

DEVELOPER'S CERTIFICATE:

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT FOR SEDIMENT AND EROSION CONTROL, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.

DEVELOPER: [Signature] DATE: 1/13/2020

ENGINEER'S CERTIFICATE:

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT AND THE 2011 MARYLAND STANDARDS & SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

RONALD E. THOMPSON, P.E. DATE: 1/19/2020

DATE: 01/09/20
REVISIONS: HD COMMENTS

STATE OF MARYLAND
PROFESSIONAL ENGINEER

PLOT PLAN AND SEDIMENT CONTROL PLAN
HYMAN PROPERTY
CBI HOMES, LLC
L. 18871 F. 145
LOT 5
3679 FOLLY QUARTER ROAD

TAX MAP: 23
GRID NO: 9
PARCEL NO: 113

ELECTION DISTRICT: No. 3
HOWARD COUNTY, MARYLAND
EX. ZONING: RC-DEO

SCALE: 1" = 30'
DATE: DECEMBER 2019
SHEET 1 OF 2

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) 831-5603 ©Copyright, Latest Date Shown

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: 9-18-21.

B-2-2 STANDARDS AND SPECIFICATIONS FOR SOIL PREPARATION, TOPSOILING, AND SOIL AMENDMENTS

Definition: The process of preparing the soils to sustain adequate vegetative stabilization. Purpose: To provide a suitable soil medium for vegetative growth. Conditions Where Practice Applies: Where vegetative stabilization is to be established. Criteria: A. Soil Preparation 1. Temporary Stabilization a. Seeded preparation consists of loosening soil to a depth of 3 to 5 inches by means of suitable agricultural or construction equipment...

B-4-3 STANDARDS AND SPECIFICATIONS FOR SEEDING AND MULCHING

Definition: The application of seed and mulch to establish vegetative cover. Purpose: To protect disturbed soils from erosion during and at the end of construction. Conditions Where Practice Applies: To the surface of all perimeter controls, slopes, and any disturbed area not under active grading. Criteria: A. Seeding 1. Specifications a. All seed must meet the requirements of the Maryland State Seed Law. All seed must be subject to pre-testing by a recognized seed laboratory...

HOWARD SOIL CONSERVATION DISTRICT STANDARD SEDIMENT CONTROL NOTES

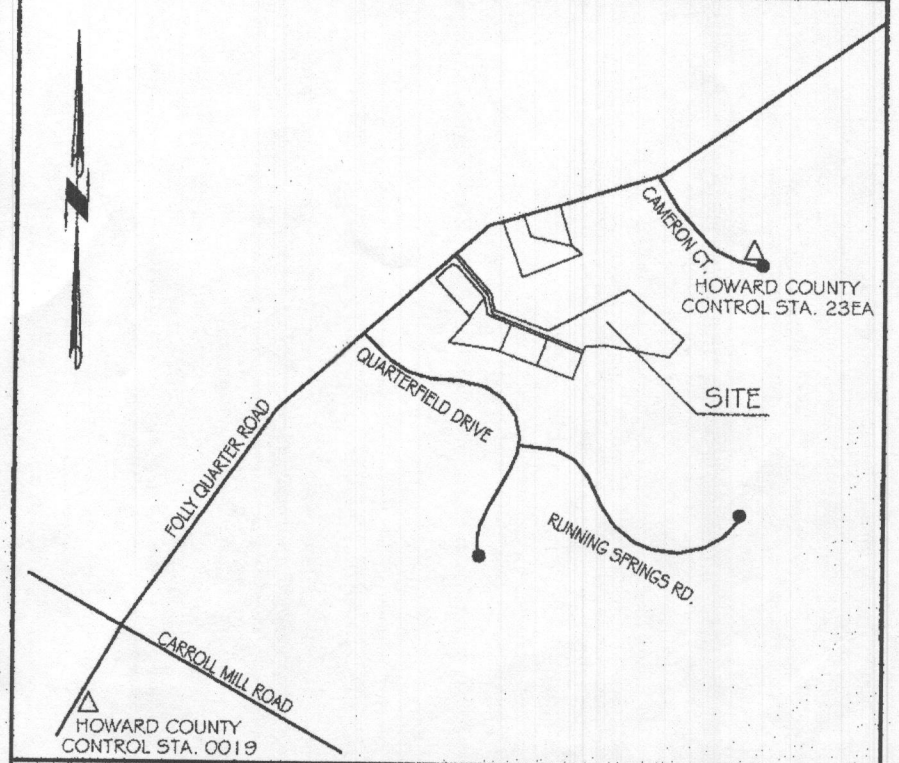
- 1) A pre-construction meeting must occur with the Howard County Department of Public Works, Construction Inspection Division (CD), 410-313-1855 after the future LOD and protected area marked clearly in the field. A minimum of 48 hour notice to CID must be given a the following slopes: a. Prior to the start of earth disturbance, b. Upon completion of the installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading...

B-4-5 STANDARDS AND SPECIFICATIONS FOR PERMANENT STABILIZATION

Definition: To stabilize disturbed soils with permanent vegetation. Purpose: To use long-lived perennial grasses and legumes to establish permanent ground cover on disturbed soils. Criteria: A. Seed Mixtures 1. General Use a. Selected one or more of the species or mixtures listed in Table B.3 for the appropriate Plant Hardness Zone (from Figure B.3) and based on the site condition or purpose found on Table B.2...

B-4-8 STANDARDS AND SPECIFICATIONS FOR STOCKPILE AREA

Definition: A mound or pile of soil protected by appropriately designed erosion and sediment control measures. Purpose: To provide a designated location for the temporary storage of soil that controls the potential for erosion, sedimentation, and changes to drainage patterns. Conditions Where Practice Applies: Stockpile areas are utilized when it is necessary to salvage and store soil for later use. Criteria: 1. The stockpile location and all related sediment control practices must be clearly indicated on the erosion and sediment control plan...



ADDC MAP: 19 GRID: B-6 VICINITY MAP SCALE: 1" = 1,200' TAX MAP: 23; GRID: 9; PARCEL: 113

SEQUENCE OF CONSTRUCTION

- 1. OBTAIN ALL REQUIRED GRADING, WDE PERMITS, APPROVALS AND LICENSES FROM APPROPRIATE AGENCIES. (1 WEEK) 2. NOTIFY SEDIMENT CONTROL INSPECTOR AT LEAST THREE (3) WORKING DAYS PRIOR TO STARTING WORK. (1 WEEK) 3. INSTALL STABILIZED CONSTRUCTION ENTRANCE, SUPER SILT FENCE AND OTHER SEDIMENT CONTROL DEVICES AS SHOWN IN SEDIMENT CONTROL PLAN. (2 WEEKS) 4. INSTALL SUPER SILT FENCE IN GRASS SWALES AS GRASS SWALES ARE BEING CONSTRUCTED AND STABILIZED.

DUST CONTROL

DUST CONTROL METHOD FOR THIS SITE TO PREVENT BLOWING AND MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES: CALCIUM CHLORIDE SHALL BE APPLIED TO EXPOSED SURFACES AT A RATE THAT WILL KEEP SURFACE MOST UNTIL SOIL IS STABILIZED ACCORDING TO VEGETATIVE SPECS. FOR THIS SITE AND AREAS TO BE PAVED ARE COMPLETED.

STANDARD STABILIZATION NOTE

INITIATING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION MUST BE COMPLETED WITHIN: A. THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER DITCHES, SWALES, DITCHES, PERMETER SLOPES, AND ALL SLOPES STEEPER THAN 3:1 HORIZONTAL TO 1 VERTICAL (3:1); AND B. SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.

SUPER SILT FENCE IS TO BE INSTALLED AT THE DIRECTION OF THE SEDIMENT CONTROL INSPECTOR

TEMPORARY STOCKPILE NOTE: SITE EARTHWORK HAS BEEN BALANCED SUCH THAT A TEMPORARY STOCKPILE SHOULD NOT BE NECESSARY. SHOULD CONTRACTOR DECIDE TO USE A STOCKPILE, CONTRACTOR SHALL PLACE STOCKPILE ON SUITABLE AREA OF THE SITE AND FOLLOW TEMPORARY STABILIZATION NOTES.

DEVELOPER'S CERTIFICATE:

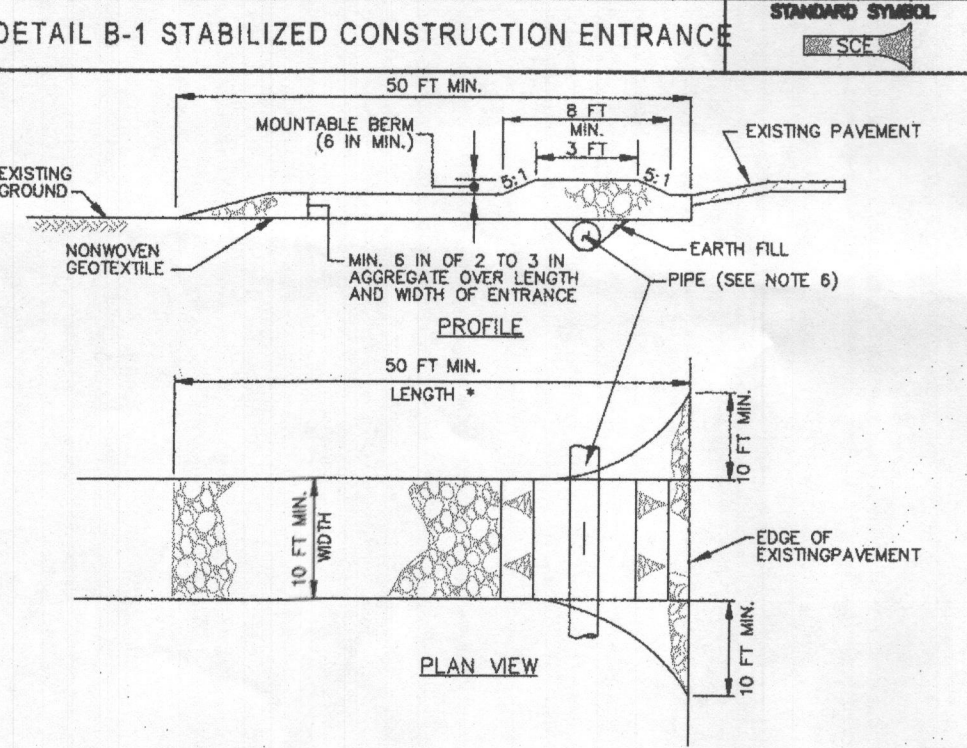
I/WE CERTIFY THAT CLEARING, GRADING, CONSTRUCTION, OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS APPROVED EROSION AND SEDIMENT CONTROL PLAN, INCLUDING EROSION AND MAINTAINING CONTROLS, AND THAT THE RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF TRAINING AT A MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE) APPROVED TRAINING PROGRAM FOR THE CONTROL ON EROSION AND SEDIMENT CONTROL TO BECOMING THE PROJECT 1 CERTIFIED RIGHT-OF-ENTRY FOR PERIODIC ON-SITE EVALUATION BY HOWARD COUNTY, THE HOWARD COUNTY SOIL CONSERVATION DISTRICT, AND/OR MDE.

ENGINEER'S CERTIFICATE:

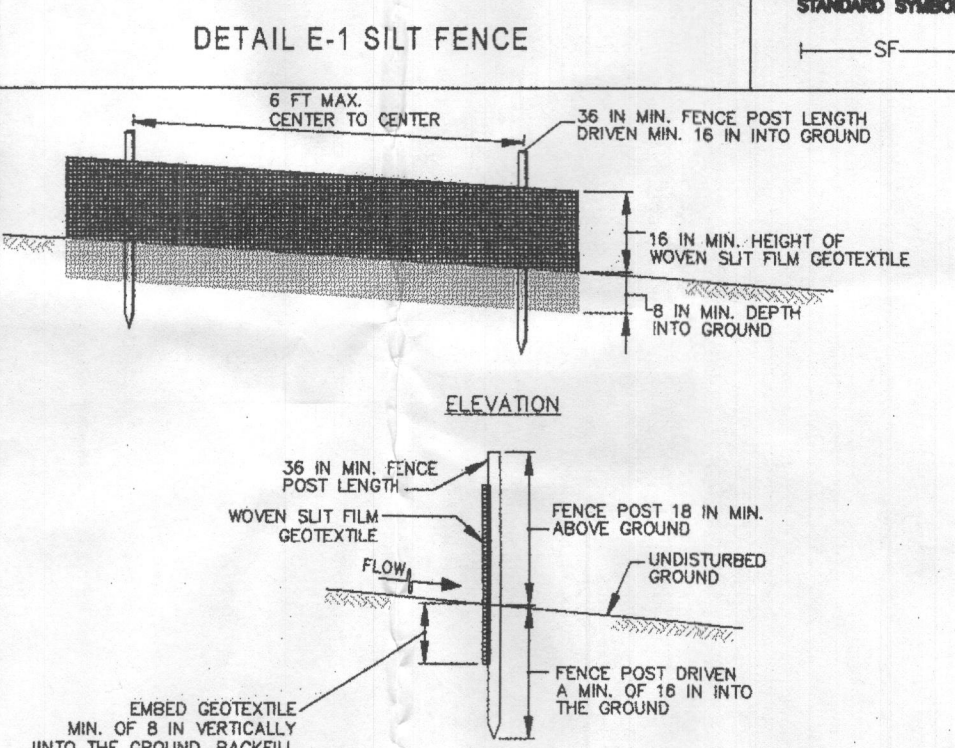
I HEREBY CERTIFY THAT THIS PLAN HAS BEEN DESIGN IN ACCORDANCE WITH CURRENT MARYLAND EROSION AND SEDIMENT CONTROL LAWS, REGULATIONS, AND STANDARDS, AND THAT IT REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE, THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

Table with columns: No., Species, Application Rate (lb/oc), Seeding Dates, Seeding Depths, Fertilizer Rate (10-20-20), Lime Rate. Includes rows for Annual Ryegrass and Foxtail Millet.

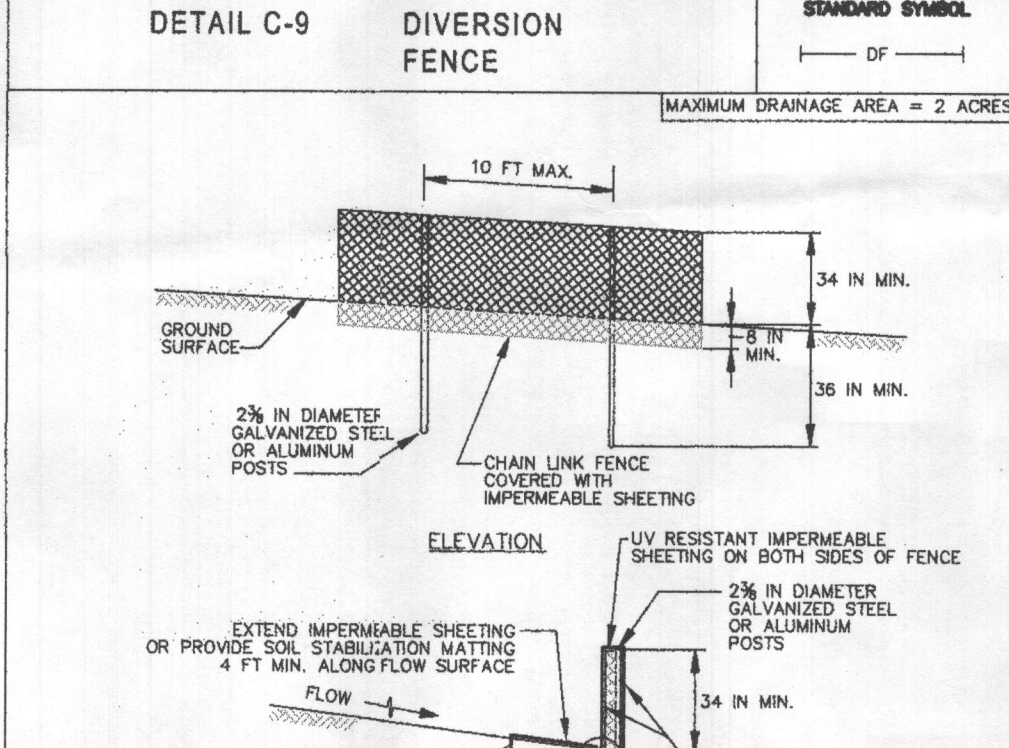
Table with columns: No., Species, Application Rate (lb/oc), Seeding Dates, Seeding Depths, N, P205, K2O, Lime Rate. Includes rows for Kentucky Bluegrass and Perennial Ryegrass.



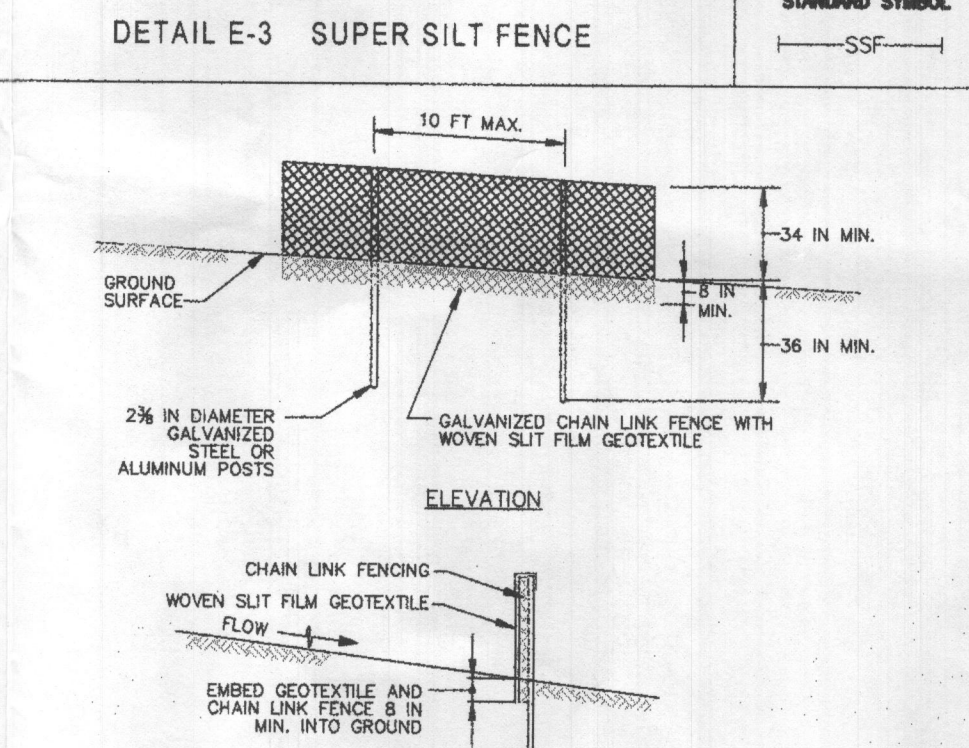
- CONSTRUCTION SPECIFICATIONS: 1. PLACE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE APPROVED PLAN. VEHICLES MUST TRAVEL OVER THE ENTIRE LENGTH OF THE SOE. USE MINIMUM LENGTH OF 50 FEET (430 FEET FOR SINGLE RESIDENT LOT). USE MINIMUM WIDTH OF 10 FEET. FLARE SIDE 10 FEET MINIMUM AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.



- CONSTRUCTION SPECIFICATIONS: 1. USE 42 INCH DIAMETER, 9 GAUGE OR THICKER CHAIN LINK FENCING (2% INCH MAXIMUM OPENING). 2. USE 2% INCH DIAMETER GALVANIZED STEEL POSTS OF 0.985 INCH WALL THICKNESS AND SIX FOOT LENGTH SPACED NO FURTHER THAN 10 FEET APART. DRIVE THE POSTS A MINIMUM OF 6 INCHES INTO THE GROUND.



- CONSTRUCTION SPECIFICATIONS: 1. USE 42 INCH DIAMETER, 9 GAUGE OR THICKER CHAIN LINK FENCING (2% INCH MAXIMUM OPENING). 2. USE 2% INCH DIAMETER GALVANIZED STEEL POSTS OF 0.985 INCH WALL THICKNESS AND SIX FOOT LENGTH SPACED NO FURTHER THAN 10 FEET APART. THE POSTS DO NOT NEED TO BE SET IN CONCRETE.



- CONSTRUCTION SPECIFICATIONS: 1. INSTALL 2% INCH DIAMETER GALVANIZED STEEL POSTS OF 0.985 INCH WALL THICKNESS AND SIX FOOT LENGTH SPACED NO FURTHER THAN 10 FEET APART. DRIVE THE POSTS A MINIMUM OF 6 INCHES INTO THE GROUND.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. U.S. DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE, 2011.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. U.S. DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE, 2011.

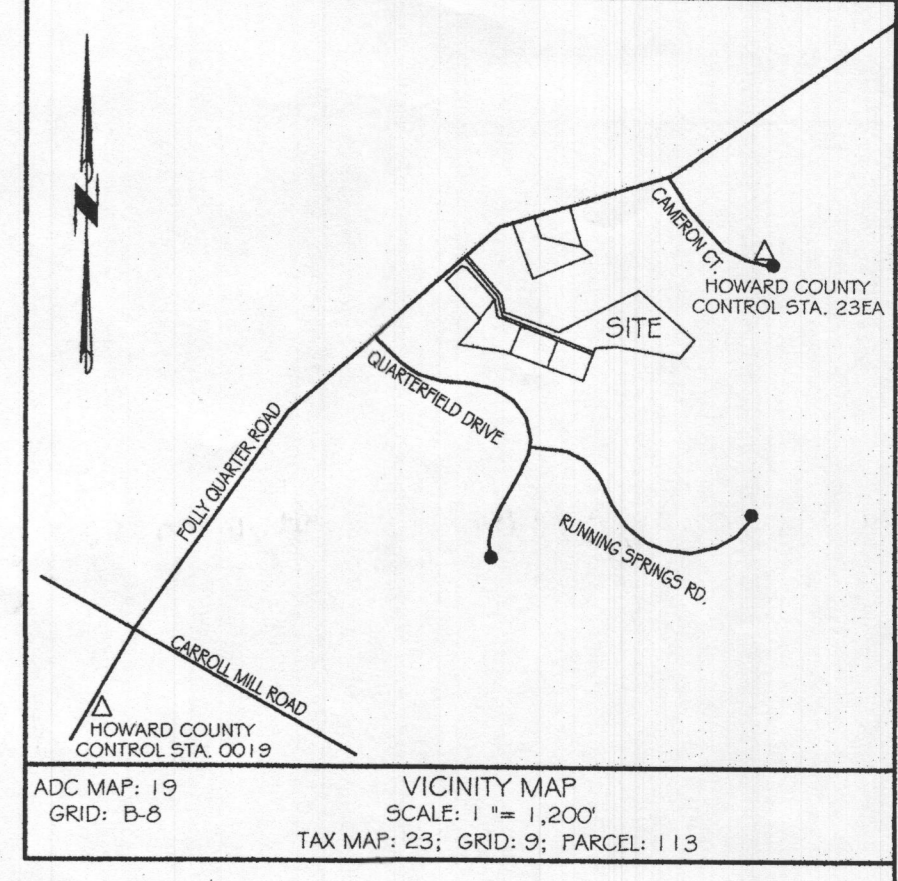
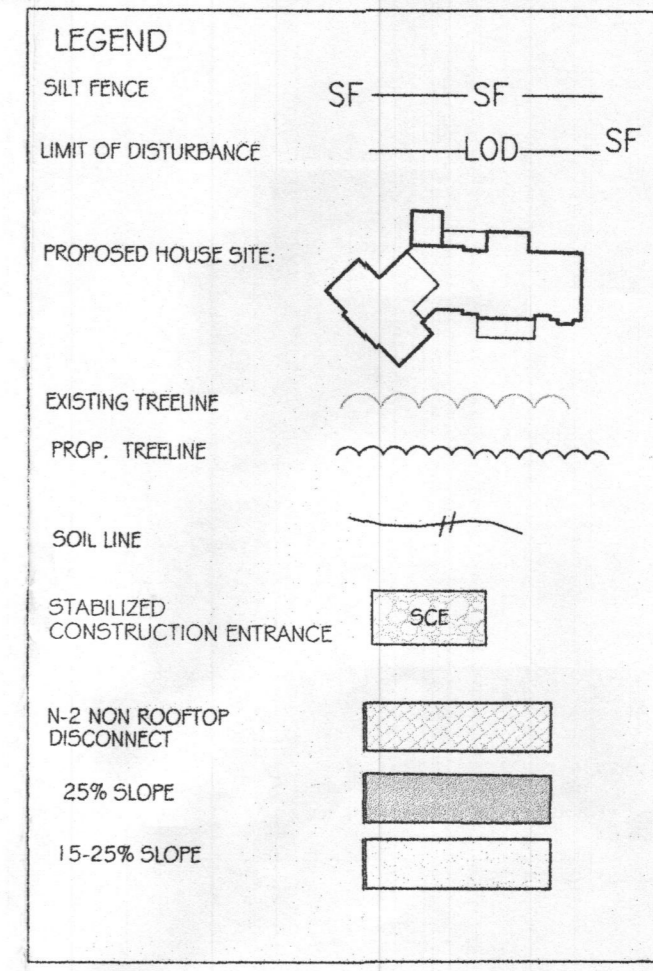
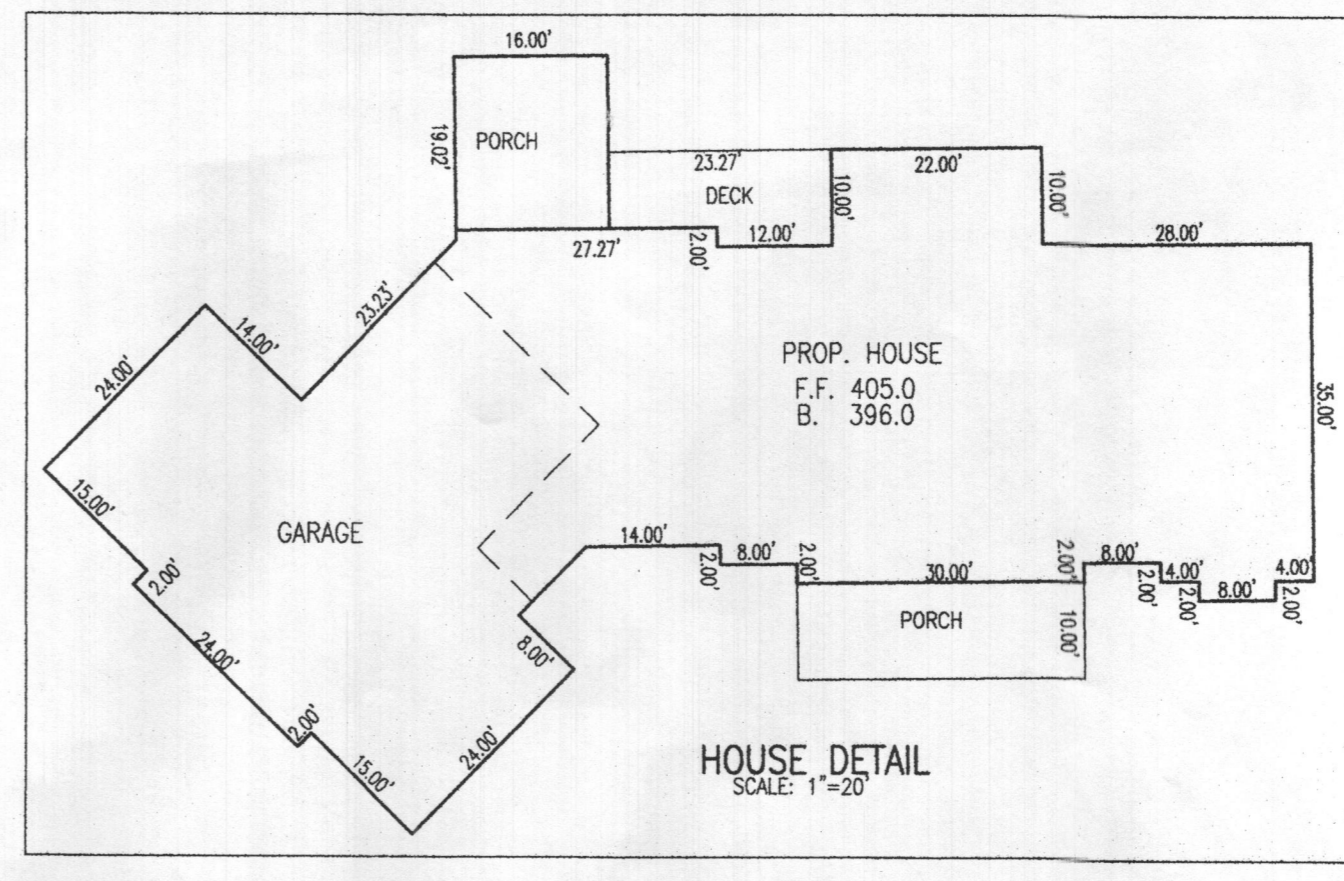
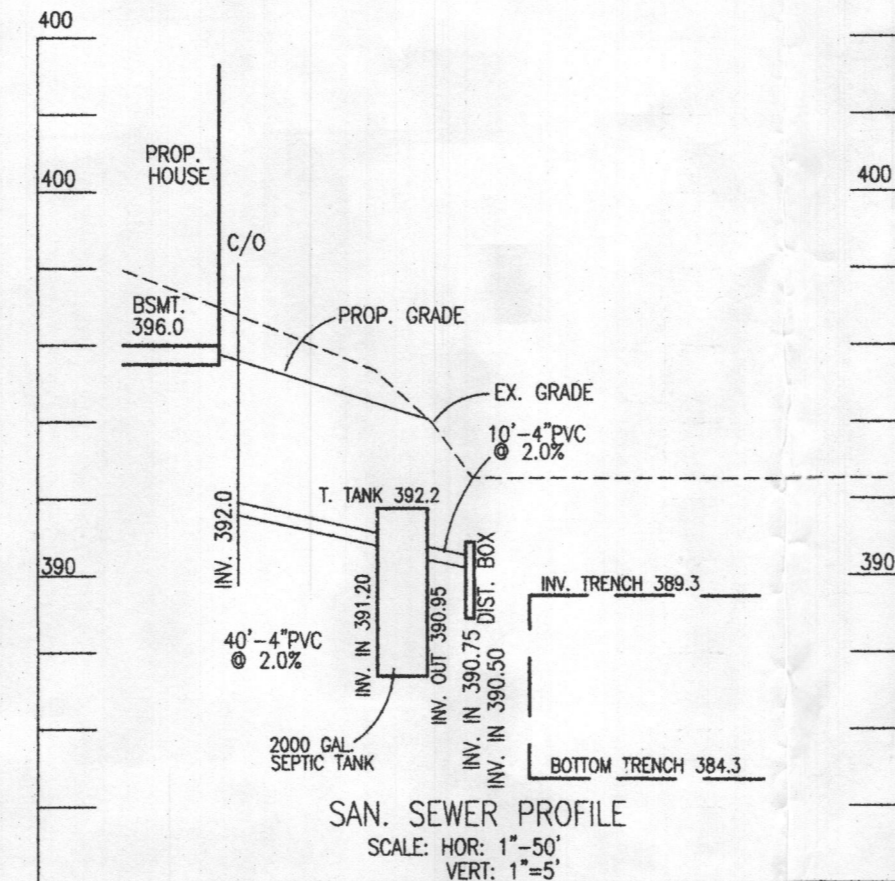
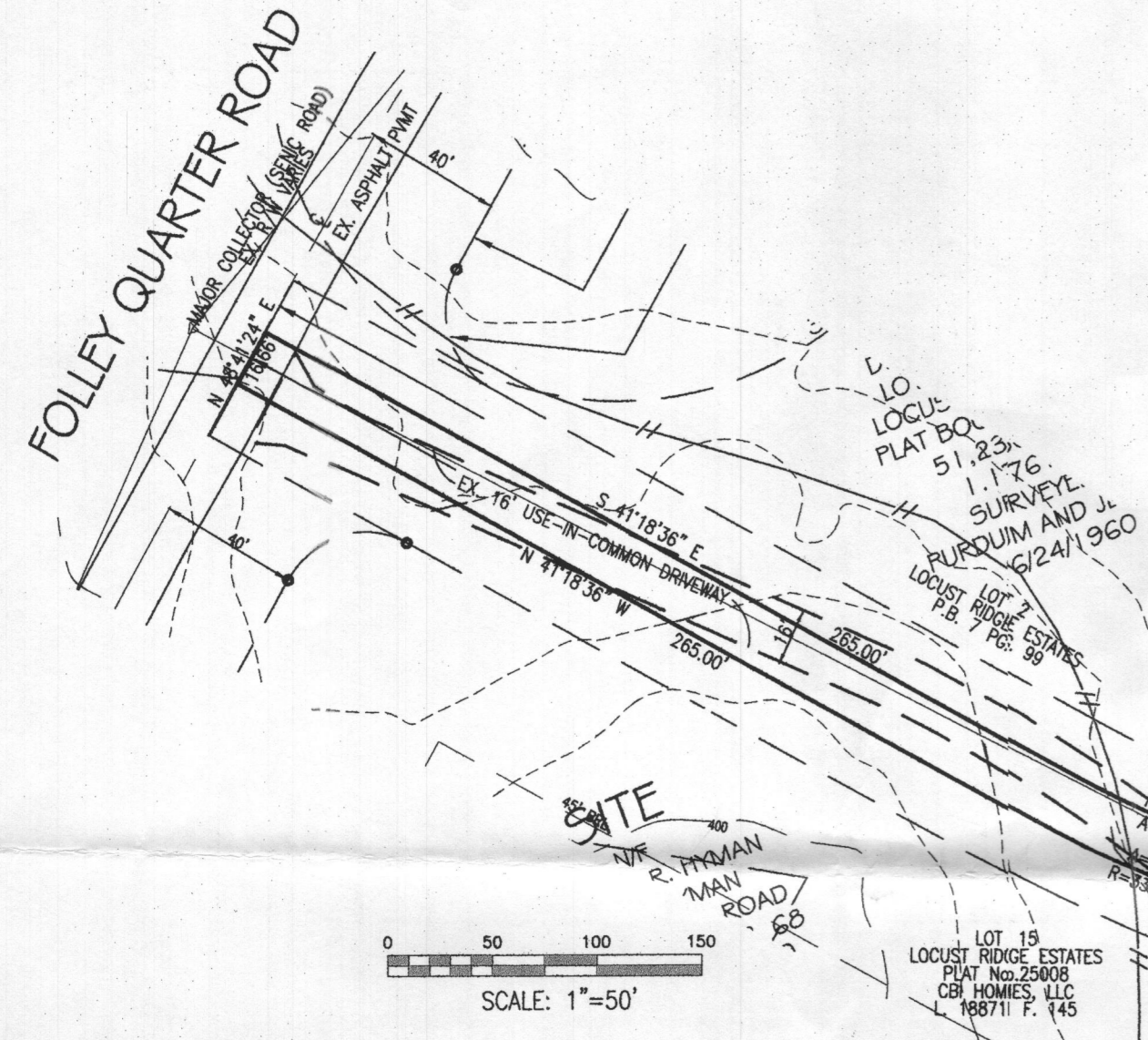
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PROFESSIONAL CERTIFICATION: I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 18417, Expiration Date: 9-18-21.



PLOT PLAN AND SEDIMENT CONTROL PLAN FOR FOXLEIGH HYMAN PROPERTY, LOT 5, 3687 LULLY QUARTER ROAD. Includes tax map, grid, parcel, and election district information. Prepared by VANMAR ASSOCIATES, INC. Engineers Surveyors Planners.

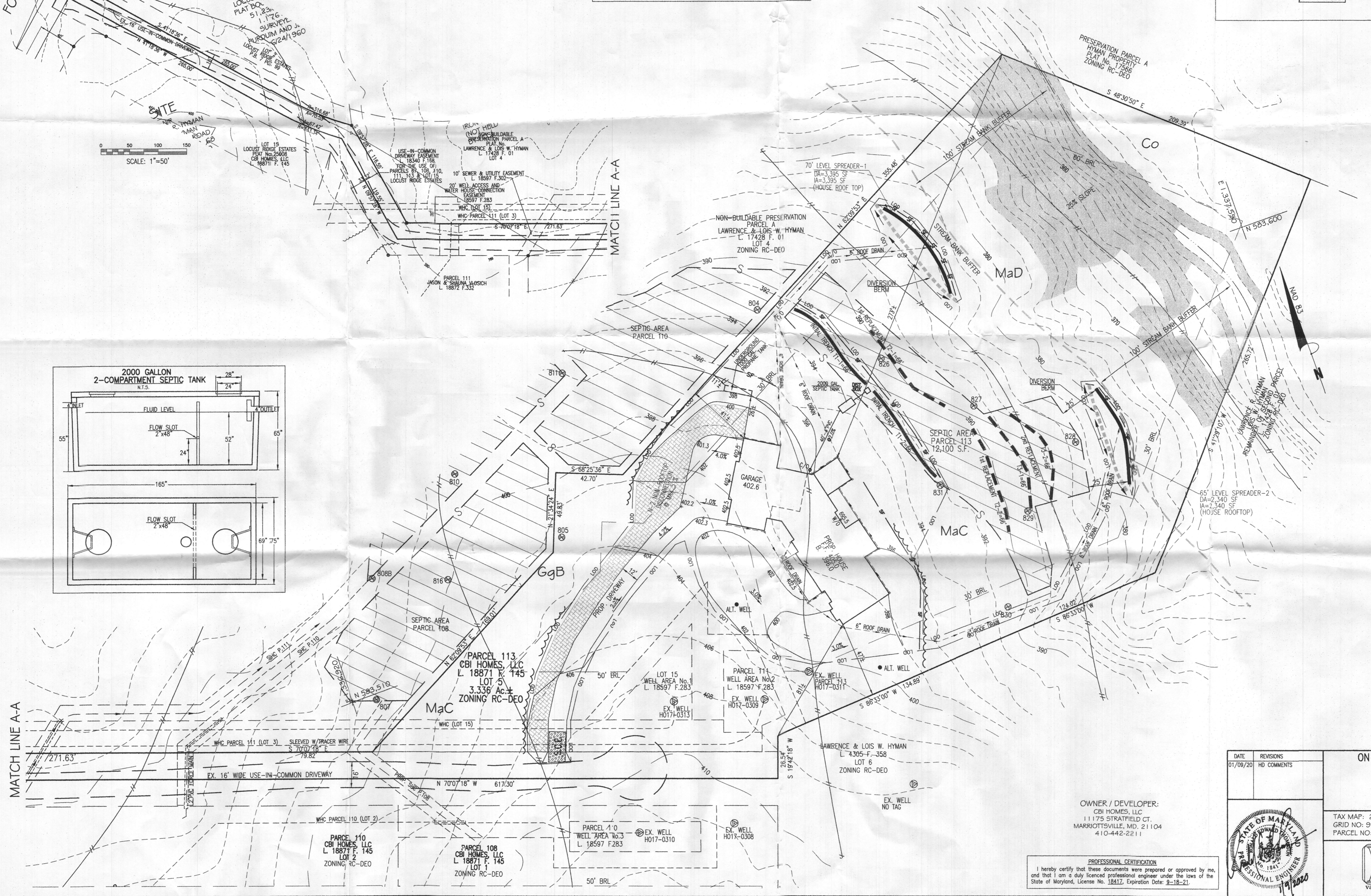
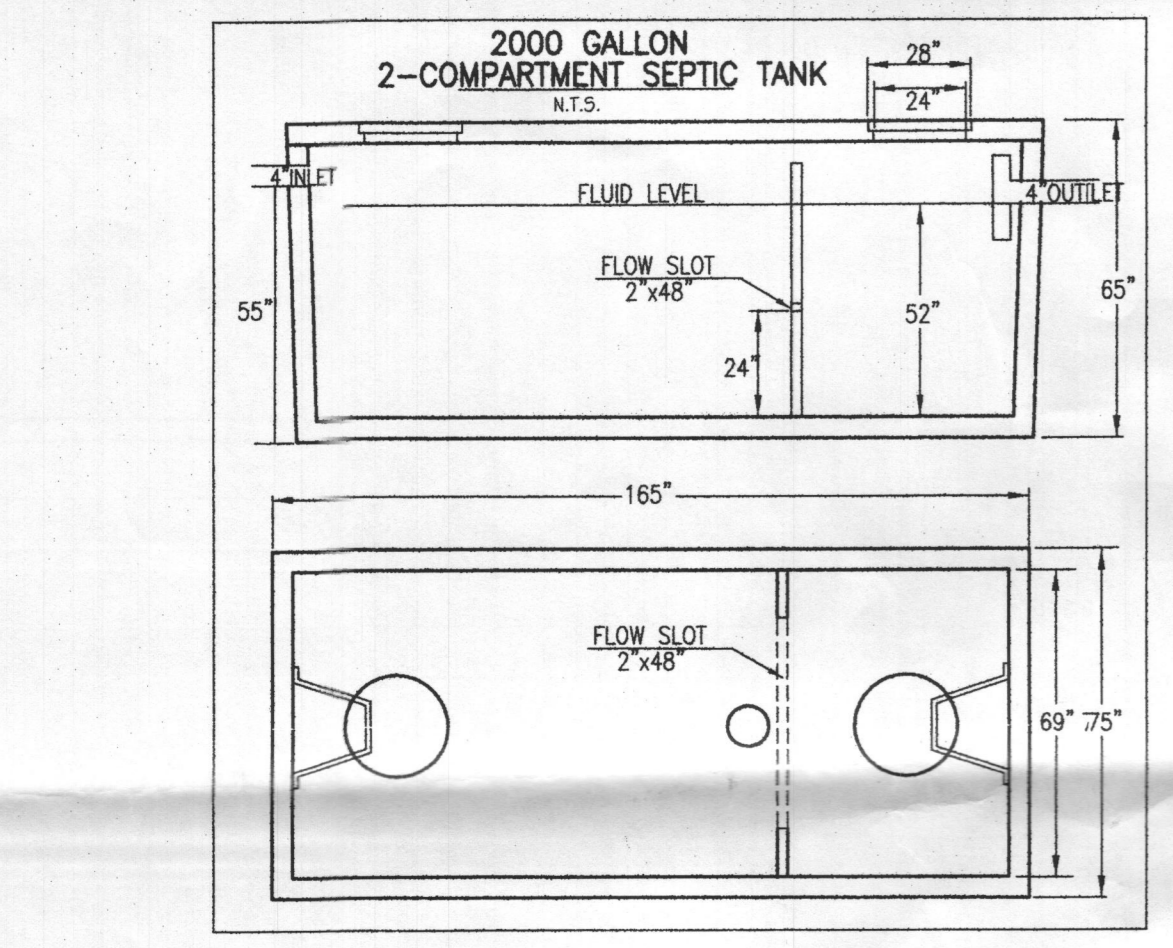


- GENERAL NOTES:**
- TOPOGRAPHY & PLANIMETRIC FEATURES SHOWN HEREON TAKEN FROM COPYRIGHTED GIS DATA FROM HOWARD COUNTY, SUPPLEMENTED WITH FIELD LOCATIONS BY VANMAR ASSOCIATES, INC. CONTOUR INTERVAL IS 2 FEET. VERTICAL DATUM IS NAVD88.
 - THE EXISTING WELLS SHOWN ON THIS PLAN HAVE BEEN FIELD LOCATED BY VANMAR ASSOCIATES OR TAKEN FROM AVAILABLE RECORDS AND ACCURATELY SHOWN.
 - ZONING DISTRICT: RC-DEO
 - LIMIT OF DISTURBANCE (LOD) = 28,900 SQ.FT.
 - THERE ARE STEEP SLOPES, STREAM BUFFER, PERENNIAL STREAM AND FOREST ON THE OUTSIDE OF THE LOD.

- SEPTIC SYSTEM TRENCH DESIGN**
- INITIAL NUMBER OF BEDROOMS = 5
 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 0.42 REDUCTION CREDIT = 131.25 LF TRENCH
- 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 0.42 REDUCTION CREDIT = 131.25 LF TRENCH
 TRENCH 2-1 EX. GRD=390.0 -INV. TRENCH=387.0 -B. TRENCH=382.0
 TRENCH 2-2 EX. GRD=390.0 -INV. TRENCH=387.0 -B. TRENCH=382.0
- 2nd 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 0.42 REDUCTION CREDIT = 131.25 LF TRENCH
 TRENCH 3-1 EX. GRD=380.0 -INV. TRENCH=385.0 -B. TRENCH=380.0
 TRENCH 3-2 EX. GRD=386.0 -INV. TRENCH=383.0 -B. TRENCH=578.0

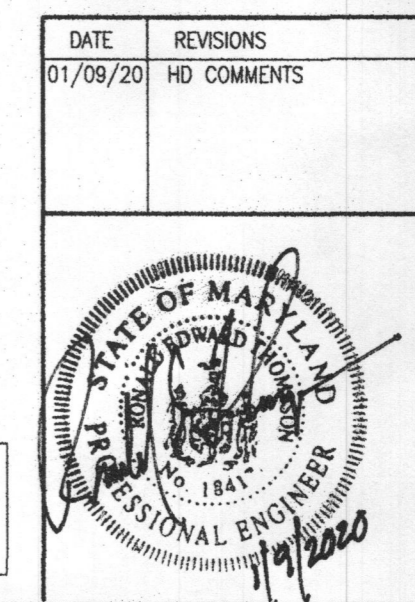
- SITE PLAN NOTES:**
- ANY CHANGE TO THE LOCATIONS OR DEPTHS TO ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO INSTALLATION. A REVISED SITE PLAN MAY BE REQUIRED.
 - MAXIMUM COVER OVER THE TANK IS 3 FEET. GREATER DEPTH WILL REQUIRE A HEAVY LOAD BEARING TANK.
 - ELECTRICAL WORK FOR THE INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
 - THE WELL (TAG #HO-17-0311) 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
 2000 gal Septic Tank to
 Gravity Drain Field for
 5-Bedroom STD
 R. B. B. Signature
 1/28/2020 Date
 B19004207



OWNER / DEVELOPER:
 CBI HOMES, LLC
 11175 STRATFIELD CT.
 MARRIOTTSVILLE, MD, 21104
 410-442-2211

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: 9-18-21.



DATE	REVISIONS	HD COMMENTS
01/09/20		

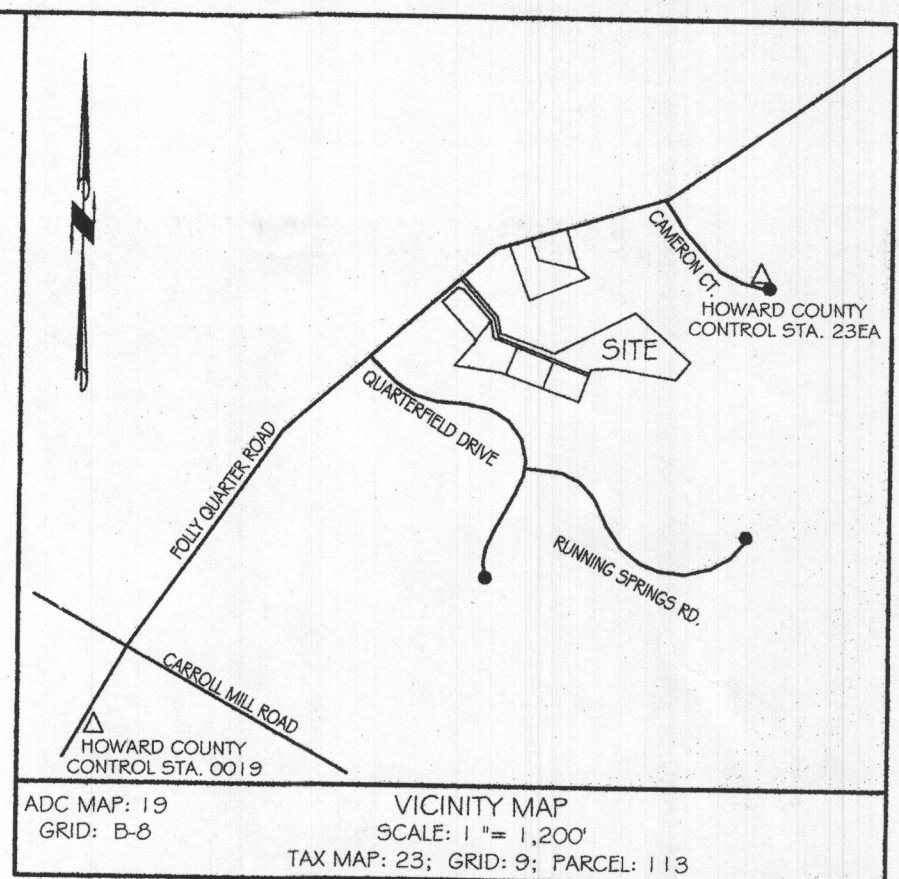
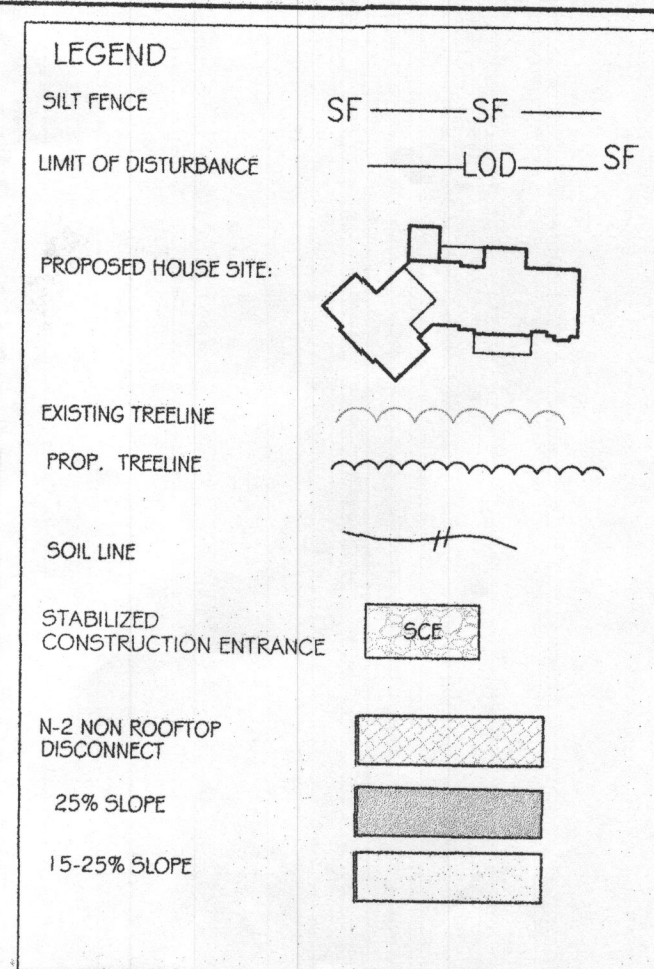
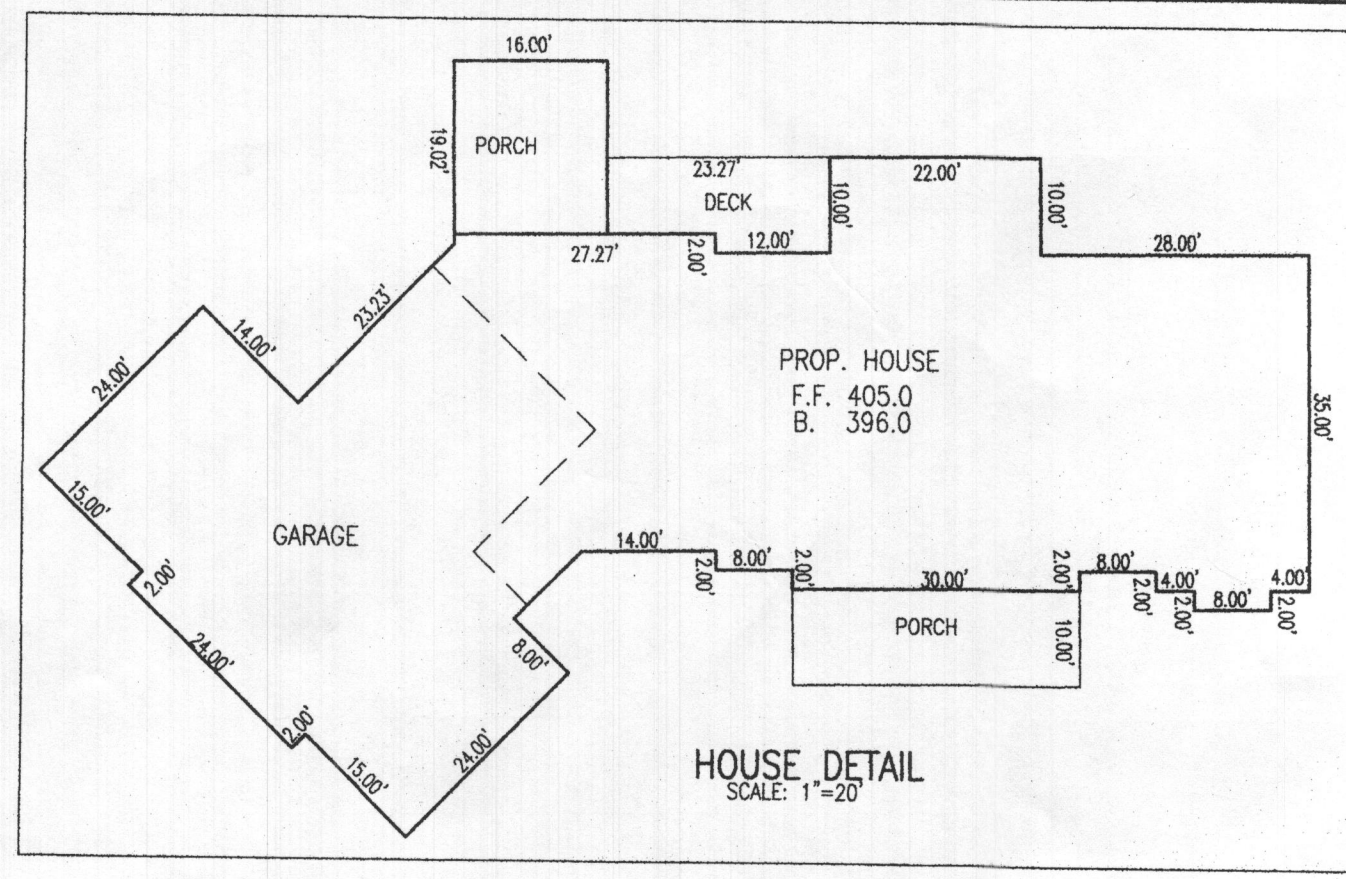
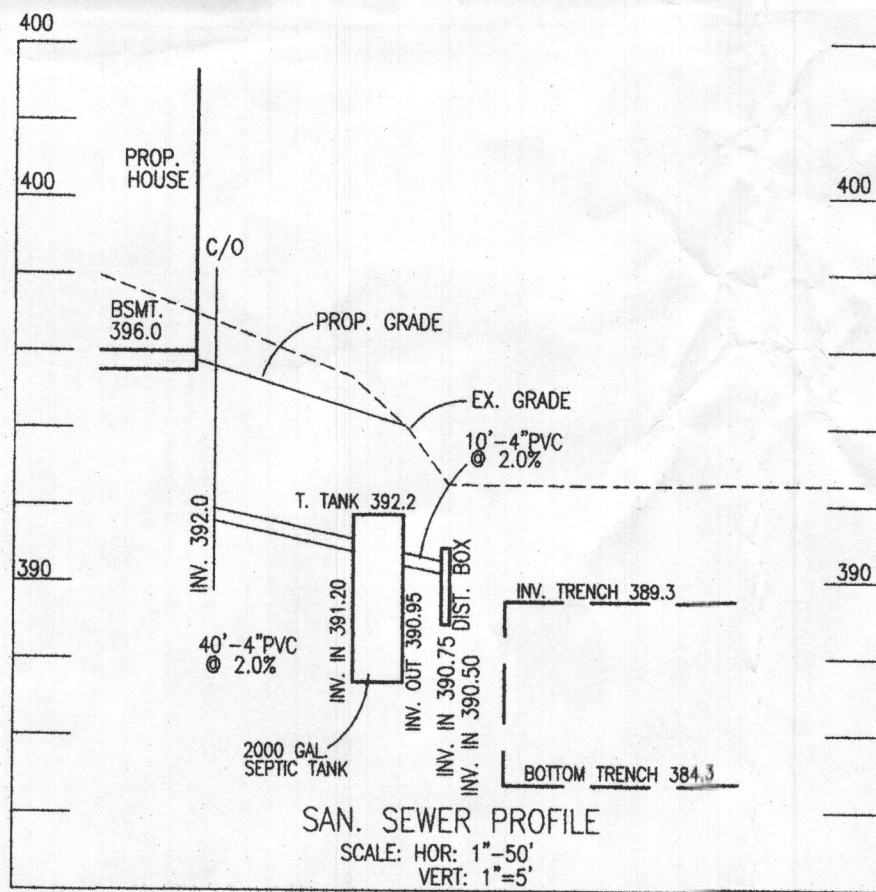
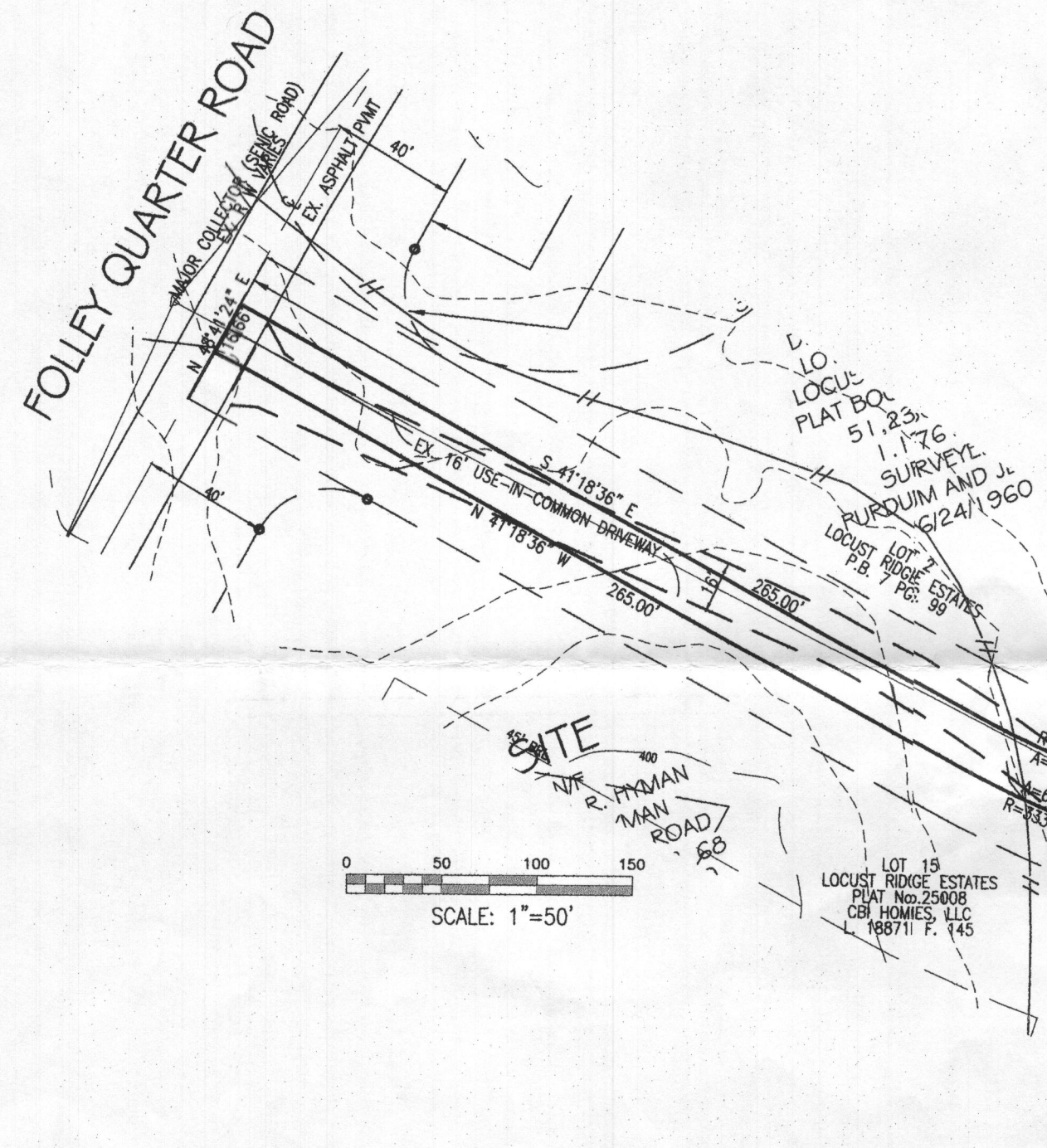
ON SITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN
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ELECTION DISTRICT: No. 3
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 EX. ZONING: RC-DEO

SCALE: 1" = 30'
 DATE: DECEMBER 2019
 SHEET 1 OF 1

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) 831-5603 ©Copyright, Latest Date Shown

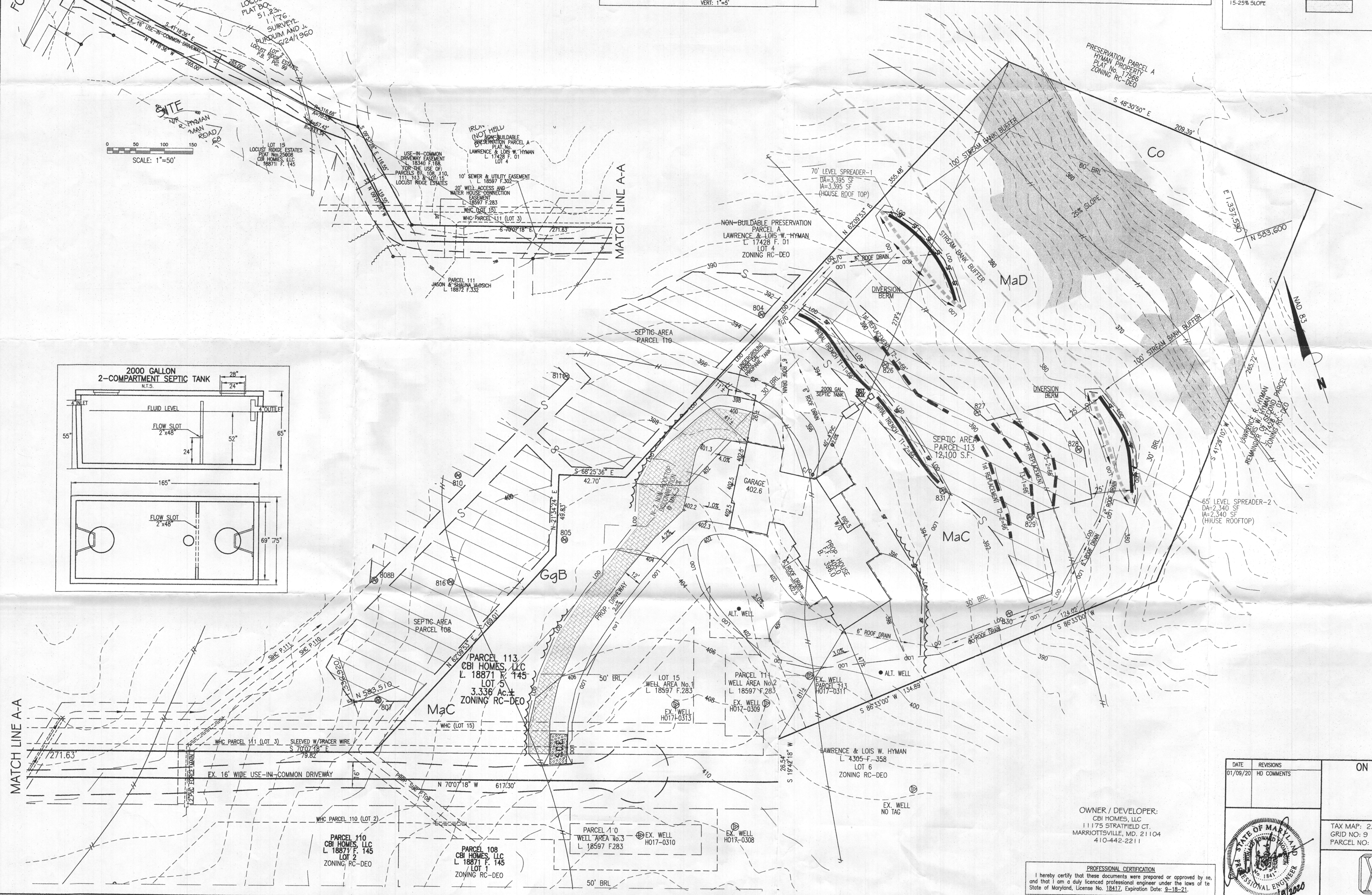
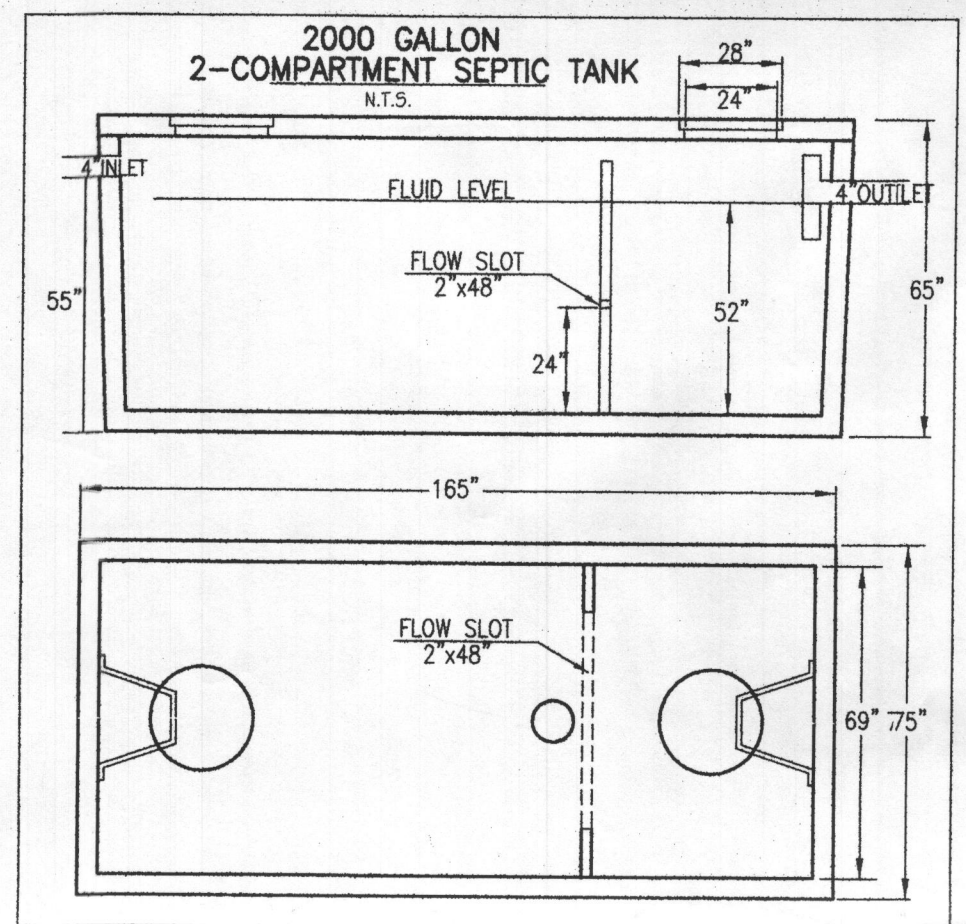


- GENERAL NOTES:**
- TOPOGRAPHY & PLANIMETRIC FEATURES SHOWN HEREON TAKEN FROM COPYRIGHTED GIS DATA FROM HOWARD COUNTY, SUPPLEMENTED WITH FIELD LOCATIONS BY VANMAR ASSOCIATES, INC. CONTOUR INTERVAL IS 2 FEET. VERTICAL DATUM IS NAVD83.
 - THE EXISTING WELLS SHOWN ON THIS PLAN HAVE BEEN FIELD LOCATED BY VANMAR ASSOCIATES OR TAKEN FROM AVAILABLE RECORDS AND ACCURATELY SHOWN.
 - ZONING DISTRICT: RC-DEO
 - LIMIT OF DISTURBANCE (LOD) = 28,900 SQ.FT.
 - THERE ARE STEEP SLOPES, STREAM BUFFER, PERENNIAL STREAM AND FOREST ON THE SITE OUTSIDE THE LOD.

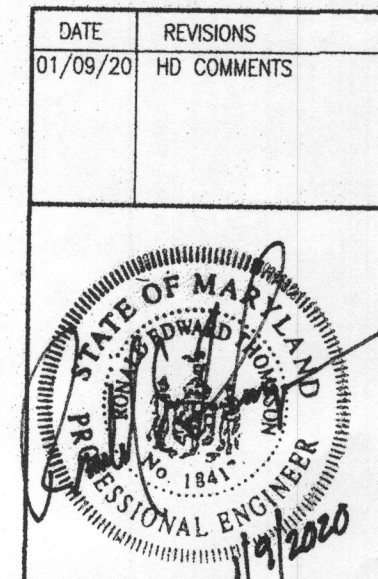
- SEPTIC SYSTEM TRENCH DESIGN**
- INITIAL NUMBER OF BEDROOMS = 5
 APPLICATION RATE = 0.8 GPD / sq.ft.
 DESIGN FLOW: 150 GPD X 5 BEDROOMS = 750 GPD
 750 GPD / 0.8 GPD/sq.ft. = 937.5 sq.ft.
 937.5 sq.ft. / 3 ft. WIDE TRENCH = 312.5 LF TRENCH
 312.5 LF TRENCH X 0.42 REDUCTION CREDIT = 131.25 LF TRENCH
 TRENCH 1-1 EX. GRD=392.3 -INV. TRENCH=389.3 -B. TRENCH=384.3
 TRENCH 1-2 EX. GRD=392.3 -INV. TRENCH=389.3 -B. TRENCH=384.3

- 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 0.42 REDUCTION CREDIT = 131.25 LF TRENCH
 TRENCH 2-1 EX. GRD=390.0 -INV. TRENCH=387.0 -B. TRENCH=382.0
 TRENCH 2-2 EX. GRD=390.0 -INV. TRENCH=387.0 -B. TRENCH=382.0
- 2nd 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 0.42 REDUCTION CREDIT = 131.25 LF TRENCH
 TRENCH 3-1 EX. GRD=388.0 -INV. TRENCH=385.0 -B. TRENCH=380.0
 TRENCH 3-2 EX. GRD=386.0 -INV. TRENCH=383.0 -B. TRENCH=378.0

- 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 #10-17-0311) 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
 2000 gal Septic Tank to
 Gravity Drainfield for
 5-Bedroom SFD
 Signature: [Signature] Date: 1/28/2020
 319004207



DATE	REVISIONS	NO	COMMENTS
01/08/20			

ON SITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN
 HYMAN PROPERTY
 CBI HOMES, LLC
 L. 18871 F. 145
 LOT 5
 3679 FOLLY QUARTER ROAD

TAX MAP: 23
 GRID NO: 9
 PARCEL NO: 113

ELECTION DISTRICT: No. 3
 HOWARD COUNTY, MARYLAND
 EX. ZONING: RC-DEO

SCALE: 1" = 30'
 DATE: DECEMBER 2019
 SHEET 1 OF 1

VANMAR ASSOCIATES, INC.
 Engineers Surveyors Planners
 310 South Main Street Mount Airy, Maryland 21771
 (301) 839-2800 (301) 831-5015 (410) 548-2751
 Fax (301) 831-5803 ©Copyright, Latest Date Shown

OWNER / DEVELOPER:
 CBI HOMES, LLC
 11175 STRATHFIELD CT.
 MARRIOTTVILLE, MD. 21104
 410-442-2211

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: 9-18-21.



Building Permit Application

Howard County Maryland
Department of Inspections, Licenses and Permits
3430 Court House Drive
Permits: 410-313-2455
www.howardcountymd.gov

Date Received: _____

Permit No.: B19004201

Building Address: 3719 Folly Quarter Road
City: BALTIMORE CITY State: MD Zip Code: 21242
Suite/Apt. #: _____ SDP/WP/BA #: _____
Subdivision: FOLLY HIGH
Lot: 25 Tax Map: 0023 Parcel: 0113

Property Owner's Name: CBI HOMES LLC
Address: 1175 SEATTLE COURT
City: CATONSVILLE State: MD Zip Code: 21104
Phone: 410-442-2211 Fax: 410-442-2215
Email: Paula.Horng@catonsvillehomes.com

Existing Use: VACANT LOT
Proposed Use: SFD

Applicant's Name & Mailing Address, (if other than stated herein)
Applicant's Name: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____ Fax: _____
Email: _____

Estimated Construction Cost: \$ 450,000
Description of Work: ADDITIONAL SUMMER FRIEND MODEL
1100sq: 4 BRs, 4 FULL BATHS, 2 1/2 BATHS
2 STORY, 4 CAR GARAGE
WOOD BURNING FP, FRONT PORCH, CROWN MOULD
PLASTER WALL TOTAL SQFT = 10,409
000 SQFT = 4760

Contractor Company: CBI HOMES, LLC
Contact Person: PAUL WALTER
Address: 1175 SEATTLE COURT
City: CATONSVILLE State: MD Zip Code: 21104
License No.: 13447301 BUCK 5409
Phone: 410-442-2211 Fax: 410-442-2215
Email: Paula.Horng@catonsvillehomes.com

Occupant/Tenant Name: _____
Was tenant space previously occupied? Yes No
Contact Name: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____ Fax: _____
Email: _____

Engineer/Architect Company: HOWARD KUND ARCHITECTS
Responsible Design Prof.: LISA WARRICH
Address: 640 PENNOUTH ROAD
City: CATONSVILLE State: MD Zip Code: 21228
Phone: 410-788-0281 Fax: 410-788-1033
Email: lwarrich@howardkundarchitects.com

Commercial Building Characteristics	Residential Building Characteristics	
Height:	<input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse	
No. of stories:	Depth	Width
Gross area, sq. ft./floor:	1 st floor: <u>3050</u>	
Area of construction (sq. ft.):	2 nd floor: <u>1710</u>	
Use group:	Basement: <u>3050</u>	
Construction type:	<input type="checkbox"/> Finished Basement	
<input type="checkbox"/> Reinforced Concrete	<input checked="" type="checkbox"/> Unfinished Basement	
<input type="checkbox"/> Structural Steel	<input type="checkbox"/> Crawl Space	
<input type="checkbox"/> Masonry	<input type="checkbox"/> Slab on Grade	
<input type="checkbox"/> Wood Frame	No. of Bedrooms: <u>4</u>	
<input type="checkbox"/> State Certified Modular	Multi-family Dwelling	
	No. of efficiency units:	
	No. of 1 BR units:	
	No. of 2 BR units:	
	No. of 3 BR units:	
	Other Structure:	
	Dimensions:	
<input checked="" type="checkbox"/> Roadside Tree Project Permit	Footings:	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Roof:	
Roadside Tree Project Permit #	<input type="checkbox"/> State Certified Modular	
	<input type="checkbox"/> Manufactured Home	

Utilities	
Electric:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Gas:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Water Supply	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Heating System	
<input type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas <input checked="" type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:	
Sprinkler System:	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Grading Permit Number: _____	
Building Shell Permit Number: _____	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: Paul Walter Print Name: PAUL WALTER
Email Address: walter@catonsvillehomes.com Date: 12/12/19
Title/Company: Contractor CBI HOMES, LLC

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY
PLEASE WRITE NEATLY & LEGIBLY
-FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)	<u>12/12/19</u>	<u>[Signature]</u>
PSZA (Engineering)		
Health	<u>1/28/2020</u>	<u>[Signature]</u>

Is Sediment Control approval required for issuance? Yes No
 CONTINGENCY CONSTRUCTION START

DPZ SETBACK INFORMATION	
Front:	<u>75</u>
Rear:	<u>60</u>
Side:	<u>30</u>
Side St.:	
All minimum setbacks met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Is Entrance Permit Required?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Historic District?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Lot Coverage for New Town Zone:	
SDP/Red-line approval date:	

Filing Fee	\$ <u>157.00</u>
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$
Balance Due	\$
Check	# <u>314</u>



Building Permit Application

Howard County Maryland
Department of Inspections, Licenses and Permits
3430 Court House Drive
Permits: 410-313-2455
www.howardcountymd.gov

Date Received: 2/19/2020

Permit No.: B200005604

Building Address: 3679 FOLLY QUARTER RD
City: _____ State: _____ Zip Code: 21043
Suite/Apt. # _____ SDP/WP/BA #: _____
Subdivision: _____
Lot: _____ Tax Map: _____ Parcel: 113

Existing Use: SF Dwelling
Proposed Use: SF Dwelling
Estimated Construction Cost: \$ 20000
Description of Work: Install new garage

Occupant/Tenant Name: _____
Was tenant space previously occupied? Yes No
Contact Name: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____ Fax: _____
Email: _____

Property Owner's Name: _____
Address: _____
City: _____ State: _____ Zip Code: 21043
Phone: 410-372-0725 Fax: _____
Email: _____

Applicant's Name & Mailing Address, (if other than stated herein)
Applicant's Name: Thompson LLC
Address: 1600 ...
City: Baltimore State: MD Zip Code: 21218
Phone: 443-755-5414 Fax: _____
Email: _____

Contractor Company: Thompson LLC
Contact Person: _____
Address: _____
City: Baltimore State: MD Zip Code: 21217
License No.: _____
Phone: 443-755-5414 Fax: _____
Email: _____

Engineer/Architect Company: _____
Responsible Design Prof.: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____ Fax: _____
Email: _____

Commercial Building Characteristics	Residential Building Characteristics	
Height:	<input type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse	
No. of stories:	Depth	Width
Gross area, sq. ft./floor:	1 st floor:	
	2 nd floor:	
Area of construction (sq. ft.):	Basement:	
	<input type="checkbox"/> Finished Basement	
Use group:	<input type="checkbox"/> Unfinished Basement	
	<input type="checkbox"/> Crawl Space	
Construction type:	<input type="checkbox"/> Slab on Grade	
<input type="checkbox"/> Reinforced Concrete	No. of Bedrooms:	
<input type="checkbox"/> Structural Steel	Multi-family Dwelling	
<input type="checkbox"/> Masonry	No. of efficiency units:	
<input checked="" type="checkbox"/> Wood Frame	No. of 1 BR units:	
<input type="checkbox"/> State Certified Modular	No. of 2 BR units:	
	No. of 3 BR units:	
	Other Structure:	
	Dimensions:	
<input checked="" type="checkbox"/> Roadside Tree Project Permit	Footings:	
<input type="checkbox"/> Yes <input type="checkbox"/> No	Roof:	
Roadside Tree Project Permit #	<input type="checkbox"/> State Certified Modular	
	<input type="checkbox"/> Manufactured Home	

Utilities	
Electric:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Gas:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Water Supply	
<input checked="" type="checkbox"/> Public	
<input type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Heating System	
<input type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:	
Sprinkler System:	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
Grading Permit Number:	<u>61900104</u>
Building Shell Permit Number:	<u>19601205</u>

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: _____
Email Address: _____
Title/Company: _____

Print Name: _____
Date: 2/19/20

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY
PLEASE WRITE NEATLY & LEGIBLY
-FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health	<u>2/25/20</u>	<u>[Signature]</u>

Is Sediment Control approval required for issuance? Yes No
 CONTINGENCY CONSTRUCTION START

DPZ SETBACK INFORMATION
Front:
Rear:
Side:
Side St.:
All minimum setbacks met? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is Entrance Permit Required? <input type="checkbox"/> Yes <input type="checkbox"/> No
Historic District? <input type="checkbox"/> Yes <input type="checkbox"/> No
Lot Coverage for New Town Zone:
SDP/Red-line approval date:

Filing Fee	\$
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$ <u>1000</u>
Sub- Total Paid	\$
Balance Due	\$
Check #	<u>02630</u>

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

MEMORANDUM

TO: **Pam Walter, CBI Homes, LLC**

FROM: **Robert Bricker, REHS/RS, L.E.H.S.**
Well & Septic Program

RE: **3679 Folly Quarter Road, Potential Basement Bedroom**

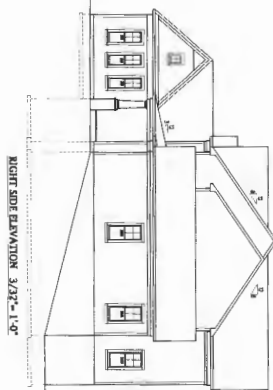
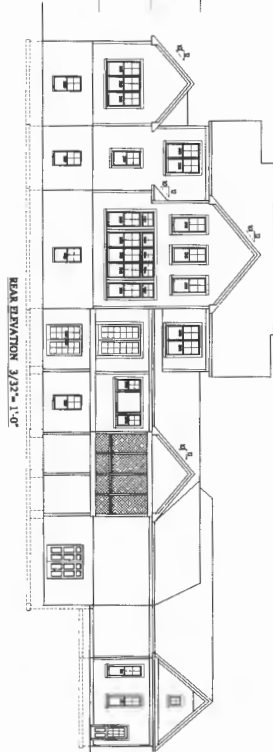
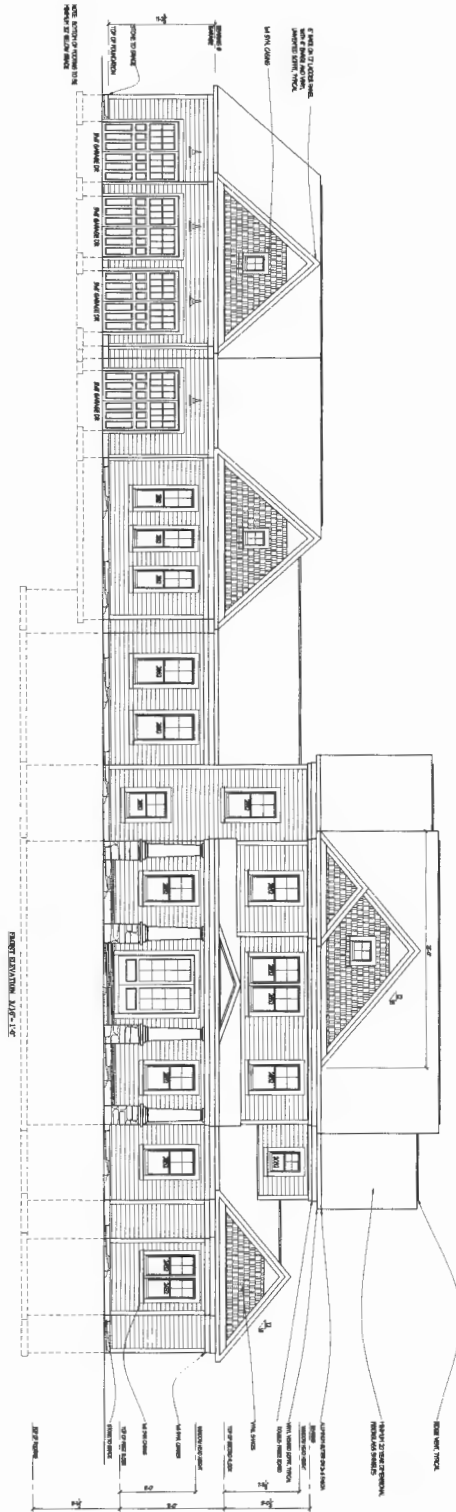
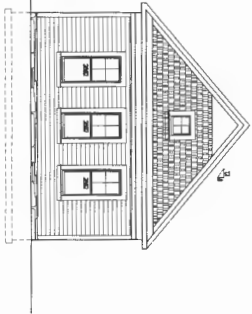
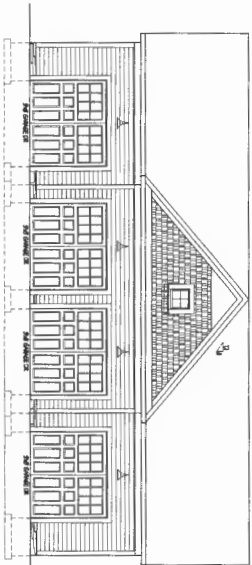
DATE: January 7, 2020

I have reviewed the floor plans in support of Building Permit **B19004207** for a new home at 3679 Folly Quarter Road and noted that there is a rough-in for a full bathroom in the unfinished basement. Please note that this makes it very likely for one or more rooms to be considered bedrooms upon conversion of the basement to finished living space.

For reference, the following is the bedroom definition in Howard County Code Section 3.801(b):

- (1) Except as provided in paragraph (2) of this subsection, a bedroom is any space in the conditioned area of a dwelling unit or accessory structure that:
 - (i) Is 90 square feet or greater in size;
 - (ii) May be used as a private sleeping area; and
 - (iii) Has at least one window and one interior door.
- (2) If a home office, library, or similar room is proposed, it may not be a bedroom if there is no closet; and
 - (i) The room contains permanently built-in bookcases around the perimeter of the room, desks, and other features that encumber the room;
 - (ii) A minimum 4 foot-wide opening, without doors, into another room;
 - (iii) A half wall (4 foot maximum height) between the room and another room; or
 - (iv) The room is a first floor room or basement area that does not have direct access to full bathrooms or "roughed in" plumbing that would provide direct access to future full bathroom facilities.

The Health Department strongly recommends sizing the onsite sewage disposal system at least one bedroom larger than the existing 5-bedroom design to accommodate a future finished basement. If you choose to only size for the existing design, any future building permit for a finished basement may be placed on hold until the system is upgraded to accommodate the proposed number of bedrooms. This memo will be retained in the Health Department file for future reference.



*5 bedrooms
 4 1/2 bath
 rough in bath in rear*

B19004207

bid and permit set 11.19.19

1

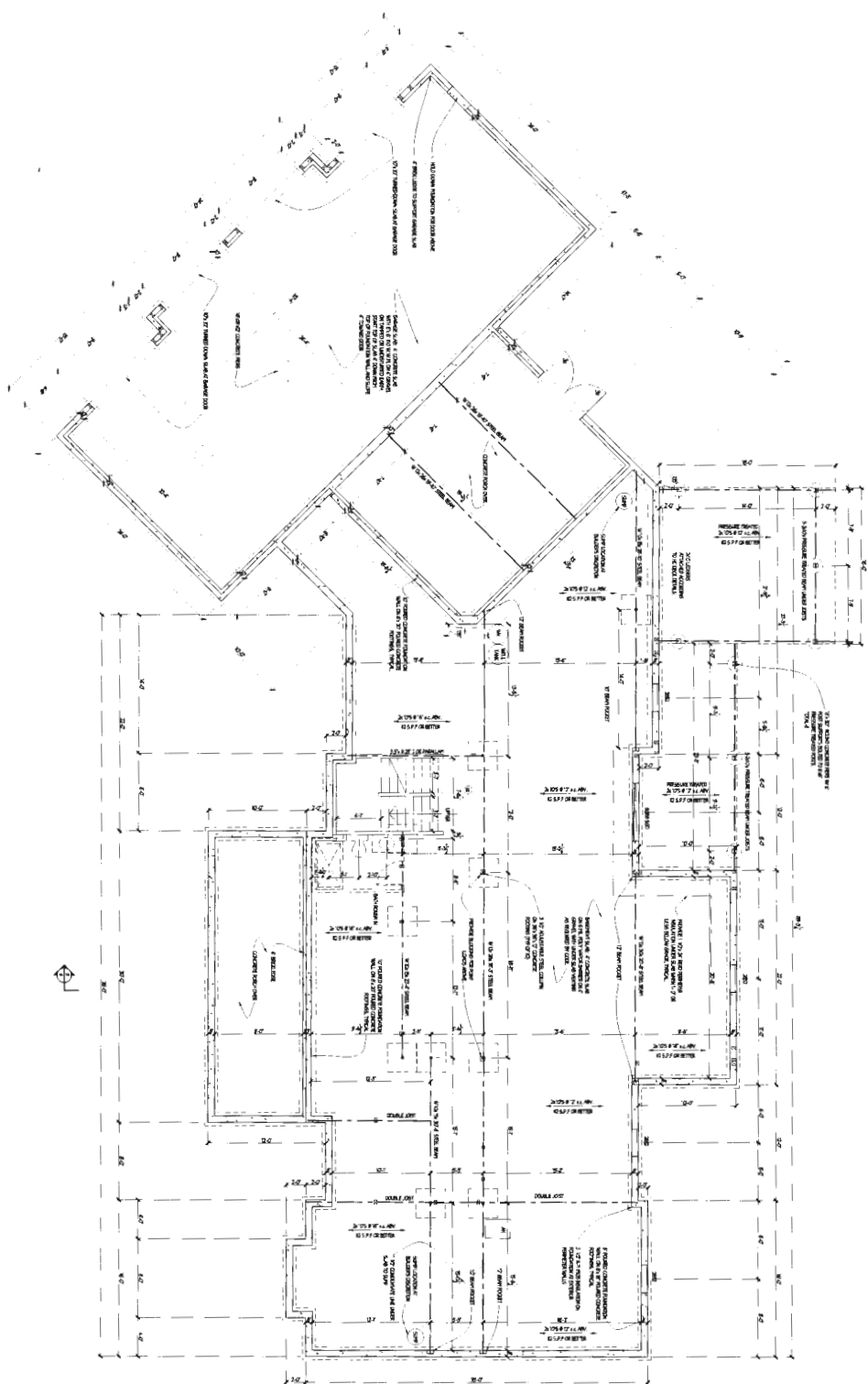
Project No.: C19.04
 Date: 10/19
 Scale: NOTED

Drawing: ELEVATIONS
 Project: CATONSVILLE HOMES
 CUSTOM HOME
 FOXLEIGH LOT 5 (PARCEL)

Notes:

Plymouth Road Architects
 640 Plymouth Road, Baltimore, MD 21229. 410-788-0281
 PlymouthRoadArchitects.com

FOXLEIGH LOT 5



bid and permit set 11.19.19

NO. 20258/87/14
 10/20/2019
 10/20/2019

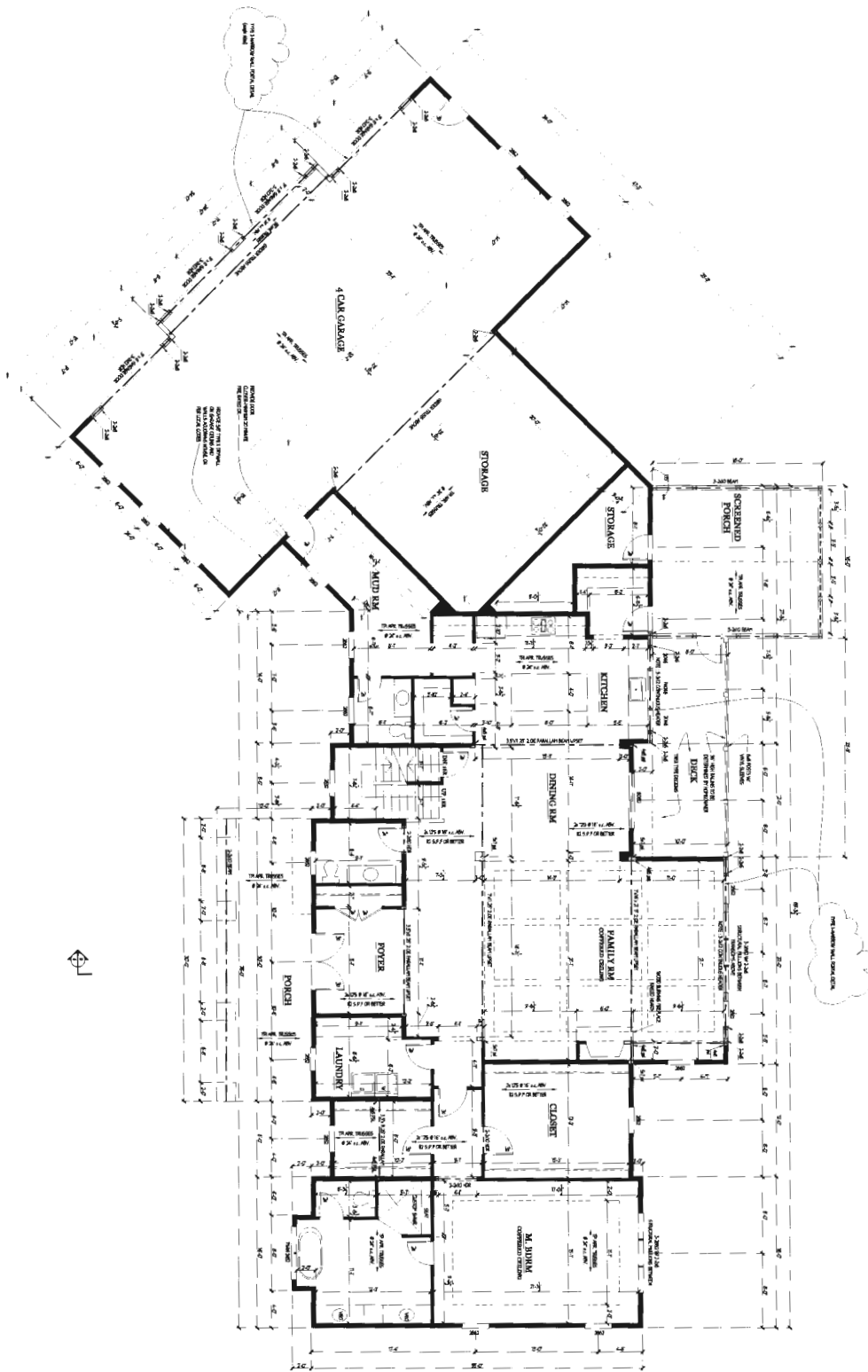
2

Project No.: C19_04
 Date: 10/19
 Scale: 3/16"=1'-0"

Drawing: BASEMENT/ FOUNDATION PLAN
 Project: CATONVILLE HOMES
 CUSTOM HOME
 FOXLEIGH LOT 113

Notes:

Plymouth Road Architects
 640 Plymouth Road, Baltimore, MD 21229. 410-788-0281
 PlymouthRoadArchitects.com



bid and permit set 11.19.19

10/22/19 6:17 AM R:\13 Custom Home\CD.dwg

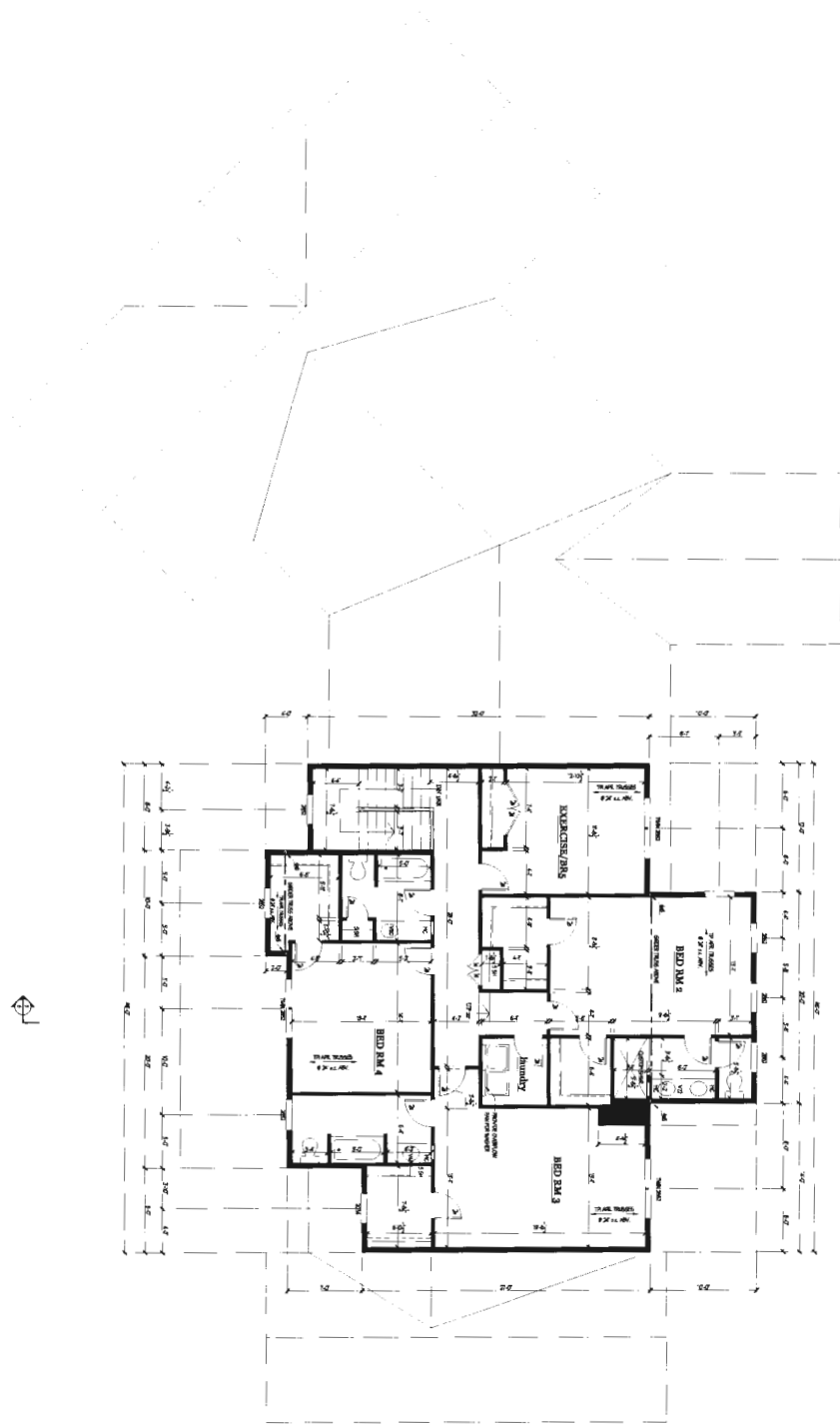
3

Project No.: C19.04
 Date: 10/19
 Scale: 3/16"=1'-0"

Drawing: FIRST FLOOR PLAN
 Project: CATONSVILLE HOMES
 CUSTOM HOME
 FOXLEIGH LOT 113

Notes:

Plymouth Road Architects
 640 Plymouth Road, Baltimore, MD 21229 - 410-788-0281
 PlymouthRoadArchitects.com



bid and permit set 11.19.19

1/20/2019 8:17 AM

4

Project No.: C19.04
 Date: 10/19
 Scale: 3/16"=1'-0"

Drawing: SECOND FLOOR PLAN
 Project: CATONSVILLE HOMES
 CUSTOM HOME
 FOXLEIGH LOT 113

Notes:

Plymouth Road Architects
 640 Plymouth Road, Baltimore, MD 21229. 410-788-0281
 PlymouthRoadArchitects.com