

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

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

RECEIPT DATE: 5/11/22 **ONSITE SEWAGE DISPOSAL SYSTEM** P 549586

APPROVAL DATE: 10/17/2021 **PERMIT: CONSTRUCTION** A _____

PROPERTY ADDRESS: 3661 FOLLY QUARTER ROAD, ELLICOTT CITY, MD 21042

SUBDIVISION: FOXLEIGH (frmr. HYMAN PROPERTY, Parcel 28) LOT: _____ TAX ID: 03-295338

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: TBD

PUMP MODEL: GOULDS WE-03M PUMP SIZE 0.3Hp PUMP TANK CAPACITY: 1500

DISTRIBUTION SYSTEM: GRAVITY PRESSURE DOSED BEDROOMS: 5 APPLICATION RATE: 1.2

TRENCHES:	LINEAR FEET REQUIRED: <u>94</u>	INLET DEPTH: <u>2.5</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>7.0</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>3.5</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Confirm tank depths at 3 ft or less. Install cleanout in SHC.	

ISSUED BY: R BRICKER ISSUE DATE: 5/11/21 EXPIRATION DATE: 5/11/22

- 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
- ELECTRICAL PERMIT ISSUED E 21001770
- 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.

NOT TO SCALE

* see attached diagram

TRENCH/DRAINFIELD DATA

WIDTH 3' INLET 2.5' BOTTOM 7'

NUMBER OF TRENCHES 1

TOTAL LENGTH 103'

ABSORPTION AREA 309 sq ft + sidewalk

DISTRIBUTION BOX LEVEL N/A

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 2.5'

BAFFLES inlet + outlet

BAFFLE FILTER -

MANHOLE LOC inlet + outlet

6" PORT LOC -

WATERTIGHT TEST -

SLOTTED yes

DATE ON LID 6-16-21

PUMP/SEPTIC TANK LEVEL yes

MANUFACTURER Babylon

CAPACITY 1500 GAL

SEAM LOC top

TANK LID DEPTH 2.5'

BAFFLES inlet

BAFFLE FILTER -

MANHOLE LOC inlet + outlet

6" PORT LOC -

WATERTIGHT TEST -

SLOTTED -

DATE ON LID 5-15-21

ROAD NAME

PRE-CONSTRUCTION:

7/29/21 Tank locations staked. SDA staked. Laid out 1x94' trench on contour according to plan. (S)

INSTALLATION: 7/29/21 SHC, SL and septic tank set. (S) 7/30/21 Pump tank set, force main installed up to LOD fence (S) 8/2/21 Force main and 1x103' trench constructed. D-box installed. Reinsp for P/A (S) 10/07/2021 PUMP AND ALARM WORK. CONFIRMED ON SEP. BEHAVIORS (S)

FINAL INSPECTOR

[Signature]

DATE OF APPROVAL

10/07/2021

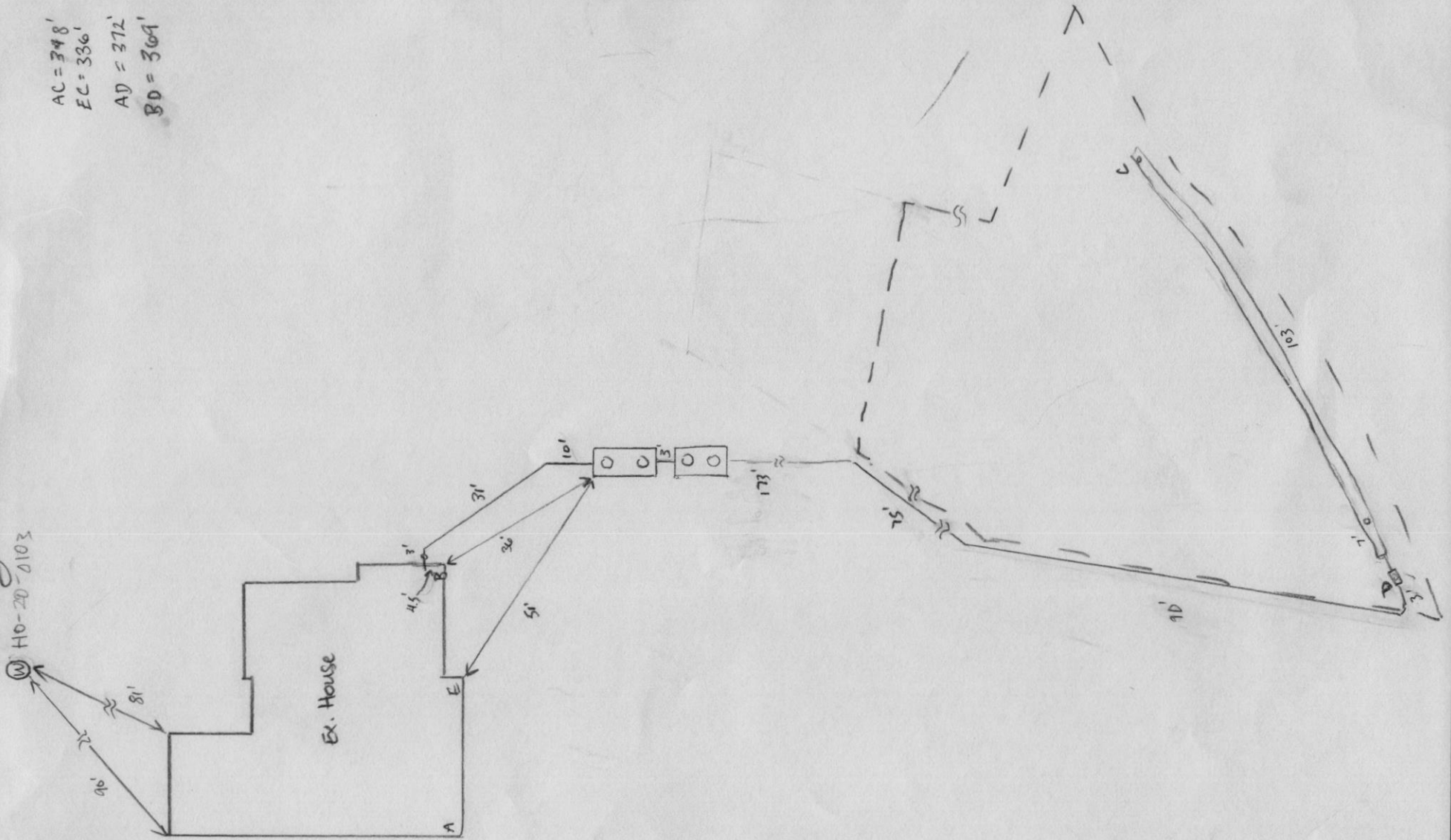
3061 Folly Quarter Rd

NOT TO SCALE (1" ≈ 30')

AC = 348'
EC = 336'
AD = 372'
BD = 369'

Folly Quarter Road

① H10-20-0103



Howard County Health Department

Bureau of Environmental Health, Columbia, MD 21045 - 410-313-1771

SEWAGE DISPOSAL PERMIT NO. A- _____ P- _____

RESIDENTIAL PERMIT
(NUMBER OF BEDROOMS: _____)

COMMERCIAL PERMIT
(DESIGN FLOW: _____ GPD)

PERMITEE: WTC Contractors
LOCATION: 3461 Folly Quarter Road Hyman Property

****POST THIS CARD WHERE IT CAN BE SEEN FROM ROAD****

STOP ALL CONSTRUCTION ON SEWAGE
DISPOSAL SYSTEM AND CONTACT HEALTH
DEPARTMENT BEFORE CONTINUING

Inspector

Date

WORK IS SATISFACTORY, OK TO
CONTINUE

Inspector

Date

COMMENTS: _____

FINAL INSPECTION MADE, OK TO
COVER ALL WORK

Inspector

Date



HOWARD COUNTY HEALTH DEPARTMENT

69506

PS

DATE 5/11/21

Received From

WTC Contractors

PHONE #

For

Septic permit /
3661 Folly Quarter Rd

CASH

CHECK

NO 62450

Three thousand ninety-six

Dollars

\$396 00

Received By

J. King



HOWARD COUNTY HEALTH DEPARTMENT

69506

PS

5 / 11 / 21
DATE

Received From

WTC Contractors

PHONE #

For

Septic Permet /
3661 Folly Quarter
RD.

CASH

CHECK

NO.

42450

Once per month security - see

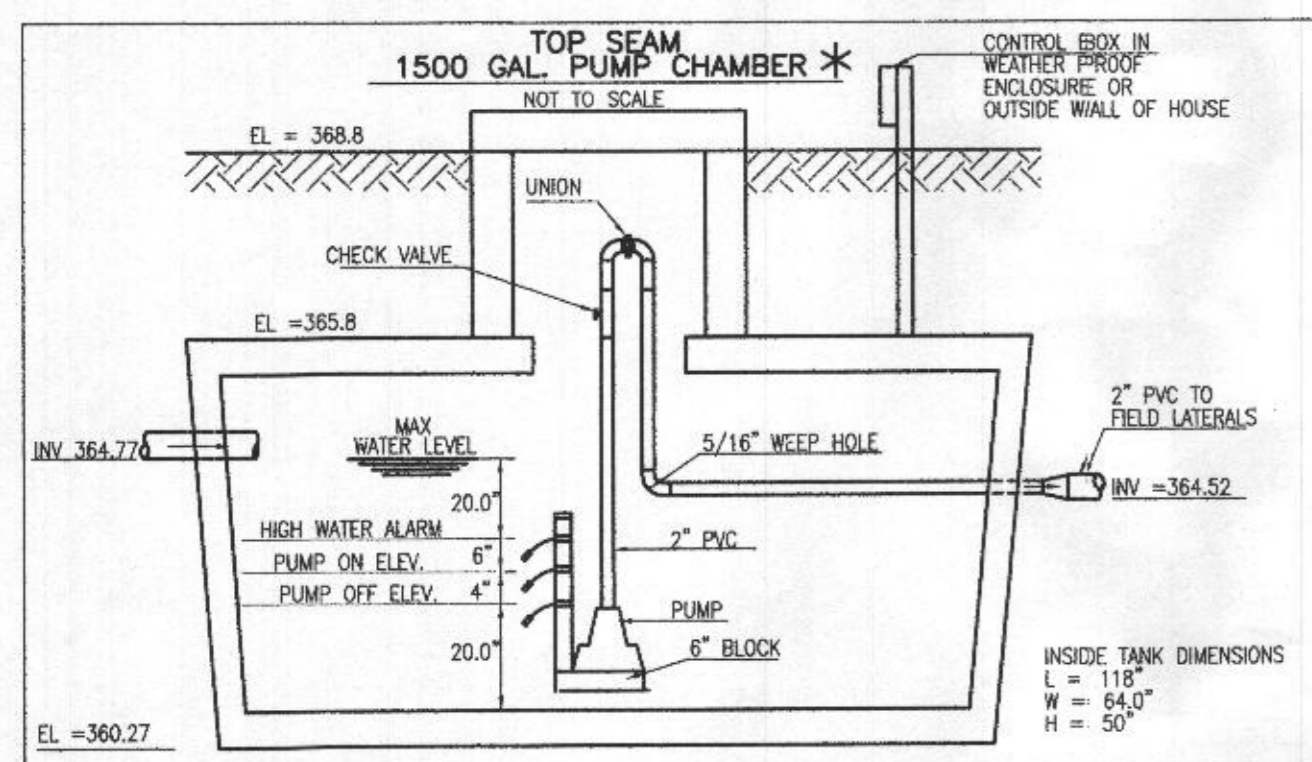
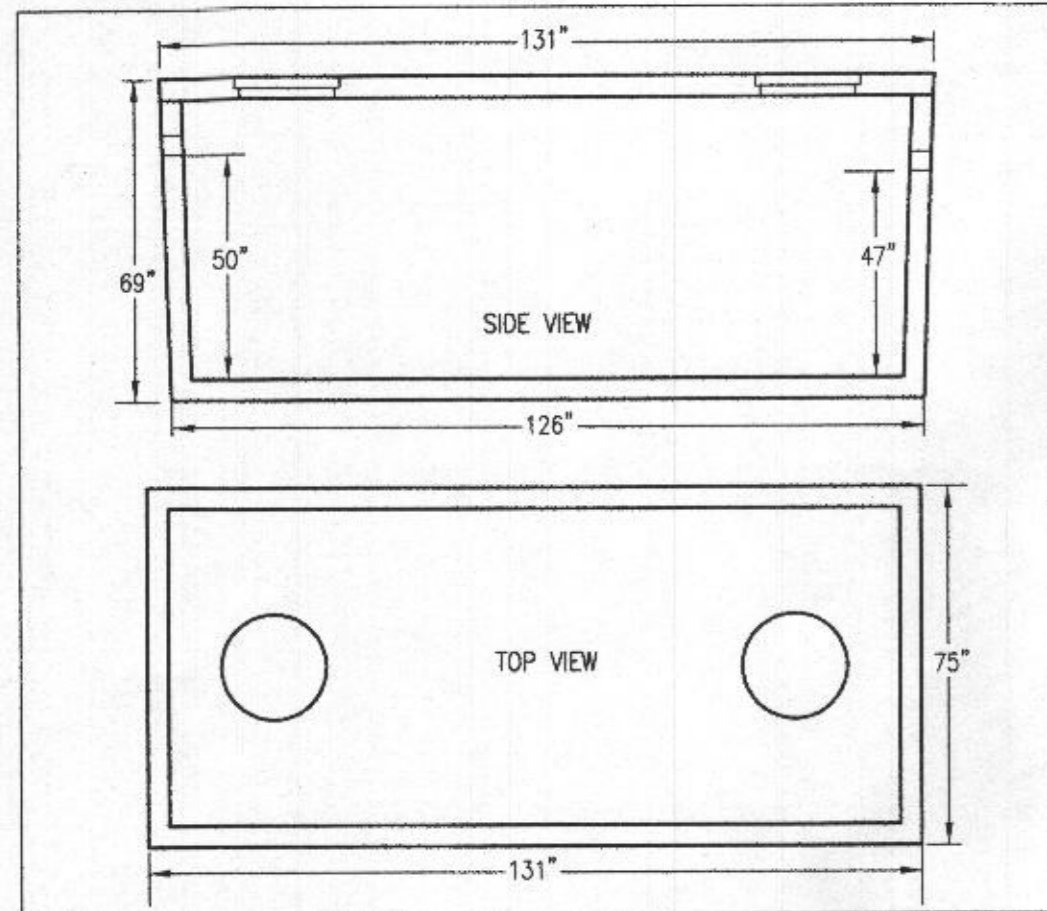
Dollars

\$ 396 00

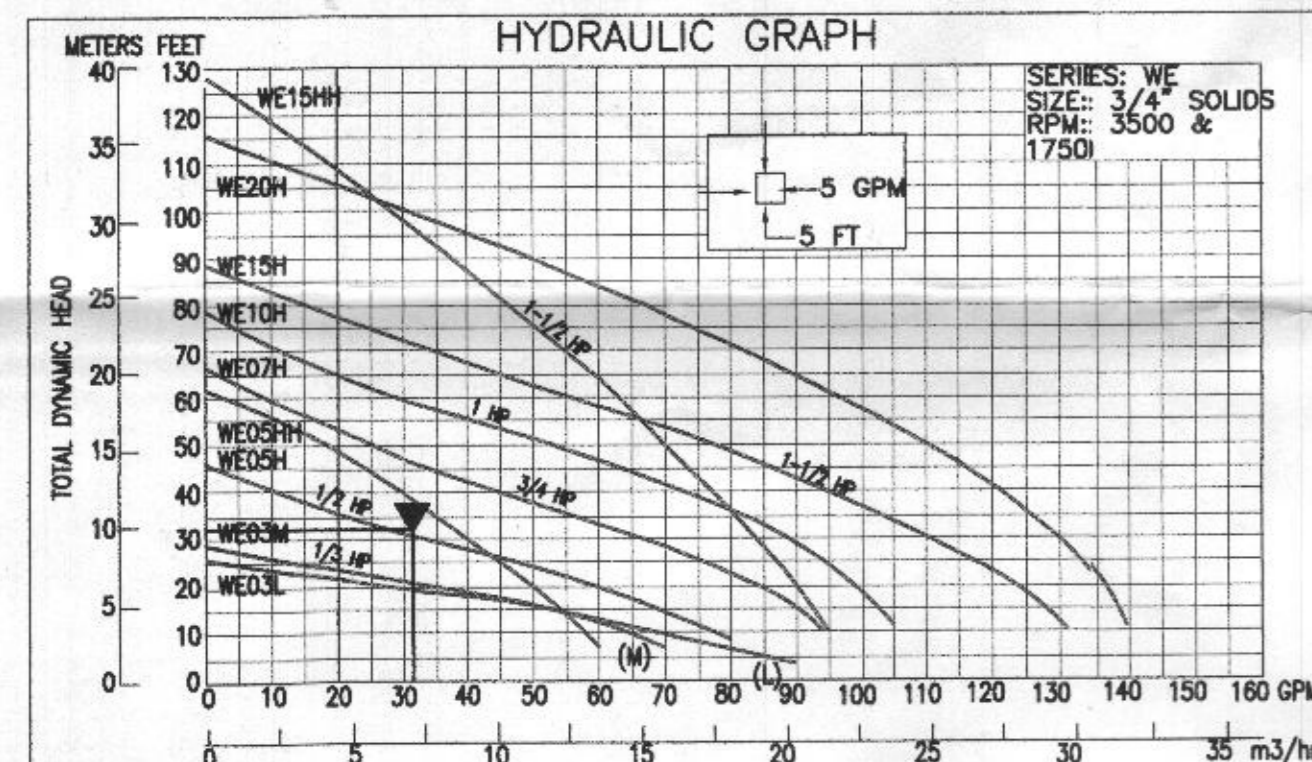
Received By

[Signature]

1500 GALLON PUMP TANK
N.T.S.

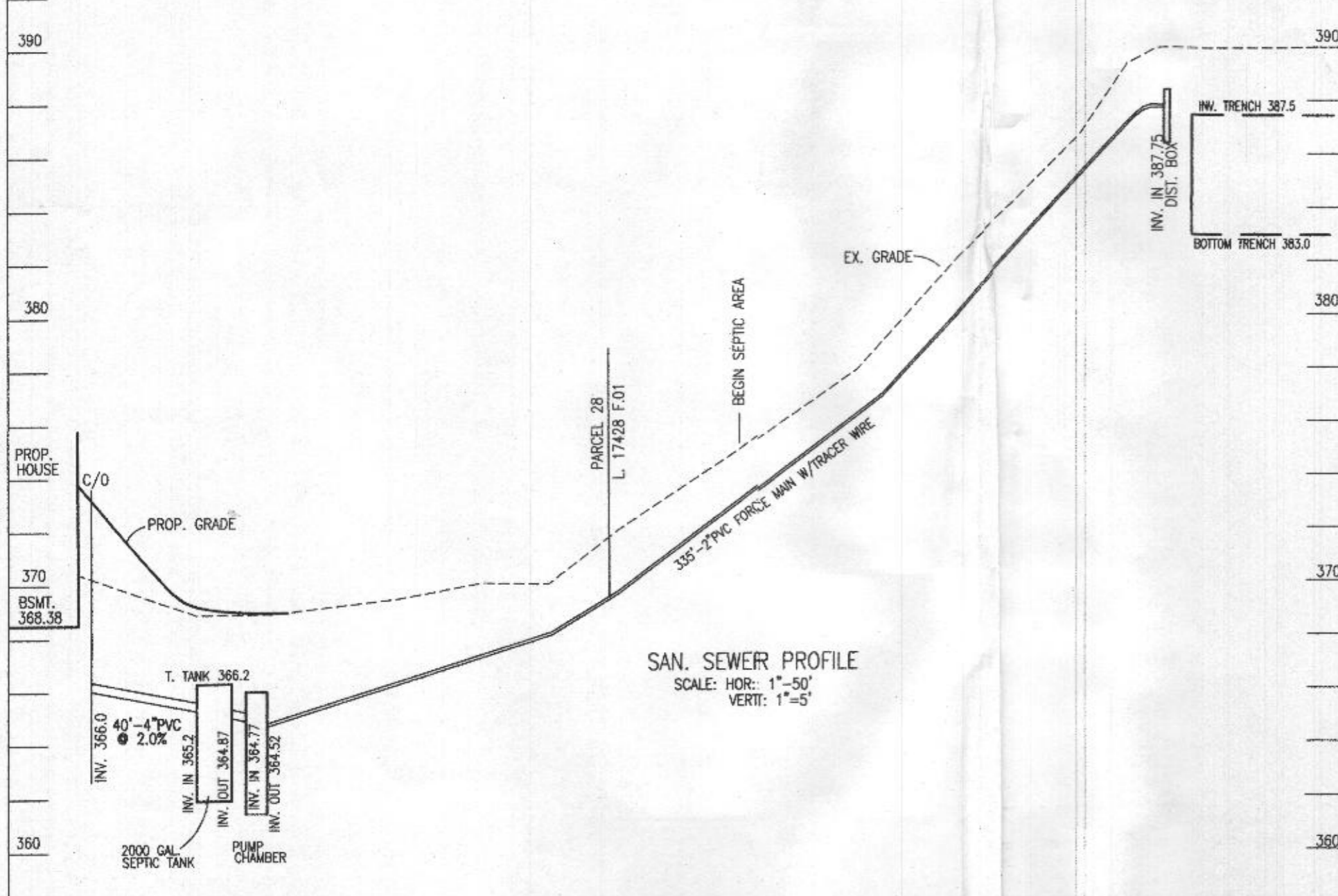


* 1500 GAL. PUMP CHAMBER BY BABYLON VAULT COMPANY (1500 T.S.) OR APPROVED EQUAL



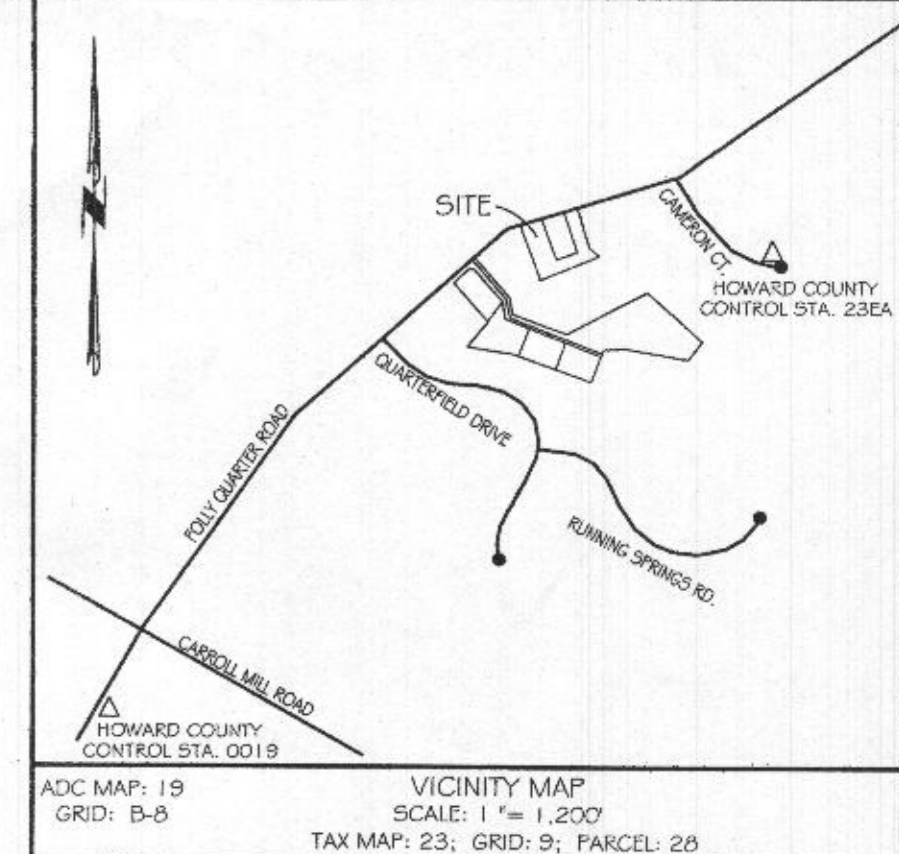
TOTAL DESIGN HEAD (TDH) COMPUTATION	
STATIC HEAD (387.75-361.02)	26.73
FRICITION HEAD	5.46
PIPE 1.54 x (335+19.3)/100	
FITTINGS = 15	
DISCONNECT: = 3	
CHECK VALVE: = 1.3	
TOTAL DESIGN HEAD (TDH)	32.19

PUMP CHART	
1500 GAL-1 CHAMBER TANK	GOULD'S WE-05HH
MAX. PUMP FLOW RATE = 31.3 GPM	
PIPE = 2" PLASTIC	
PIPE LENGTH = 335 FEET	
ELEV. DIFF. = 26.73 FEET	
TDH = 32.19 FEET	



SOIL LEGEND		
MAP SYMBOL	MAPPING UNIT	HYDROLOGIC SOIL GROUP
GmB	GLENVILLE 3-6%	C
MaC	MANOR LOAN 8-15%	B

FOLLEY QUARTER ROAD
MAJOR COLLECTOR (SEVIC ROAD)
EX. R/W VARIES



- GENERAL NOTES:**
- TOPOGRAPHY & PLANNIMETRIC 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) = 25,550 SQ.FT.
 - THERE ARE NO STREAMS, PONDS, FLOODPLAINS OR WETLANDS ON THIS LOT.

SEPTIC SYSTEM TRENCH DESIGN

INITIAL NUMBER OF BEDROOMS = 5
 APPLICATION RATE = 1.2 GPD / sq.ft.
 DESIGN FLOW: 150 GPD X 5 BEDROOMS = 750 GPD
 750 GPD / 1.2 GPD/sq.ft. = 625 sq.ft.
 625 sq.ft. / 3 ft. WIDE TRENCH = 208.3 LF TRENCH
 208.3 LF TRENCH X 0.45 REDUCTION CREDIT = 94 LF TRENCH
 TRENCH 1-1 EX. GRD=390.0 -INV. TRENCH=387.5 -B. TRENCH=383.0

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.
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2nd REPLACEMENT

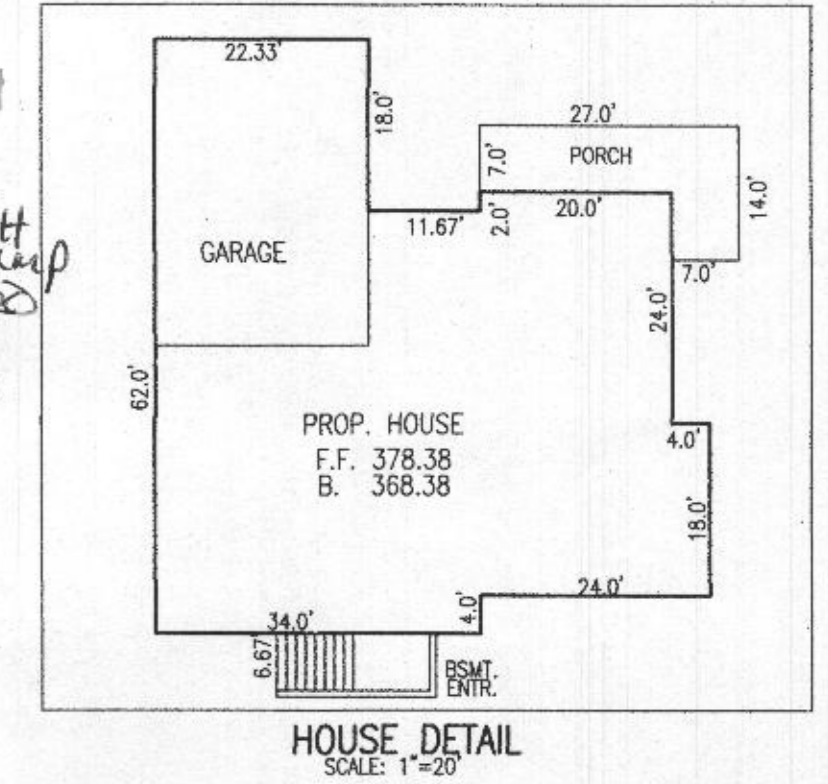
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- SITE PLAN NOTES:**
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Approved Septic System Plan
 Howard County Health Department
 2000-gal Septic Tank
 w/1500-gal Pump Tank
 & GOULD'S WE-05HH
 Pump
 Built 8/4/2020
 Signature _____ Date _____
 For 5-bedroom SFD

OWNER:
 LAWRENCE R. & LOIS W. HYMAN
 3681 FOLLEY QUARTER ROAD
 ELLICOTT CITY, MD 21104

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



DATE		REVISIONS	

ON SITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN
HYMAN PROPERTY
 L. 19049 F.233
 3661 FOLLEY QUARTER ROAD
 PARCEL 28

TAX MAP: 23
 GRID NO: 9
 PARCEL NO: 28

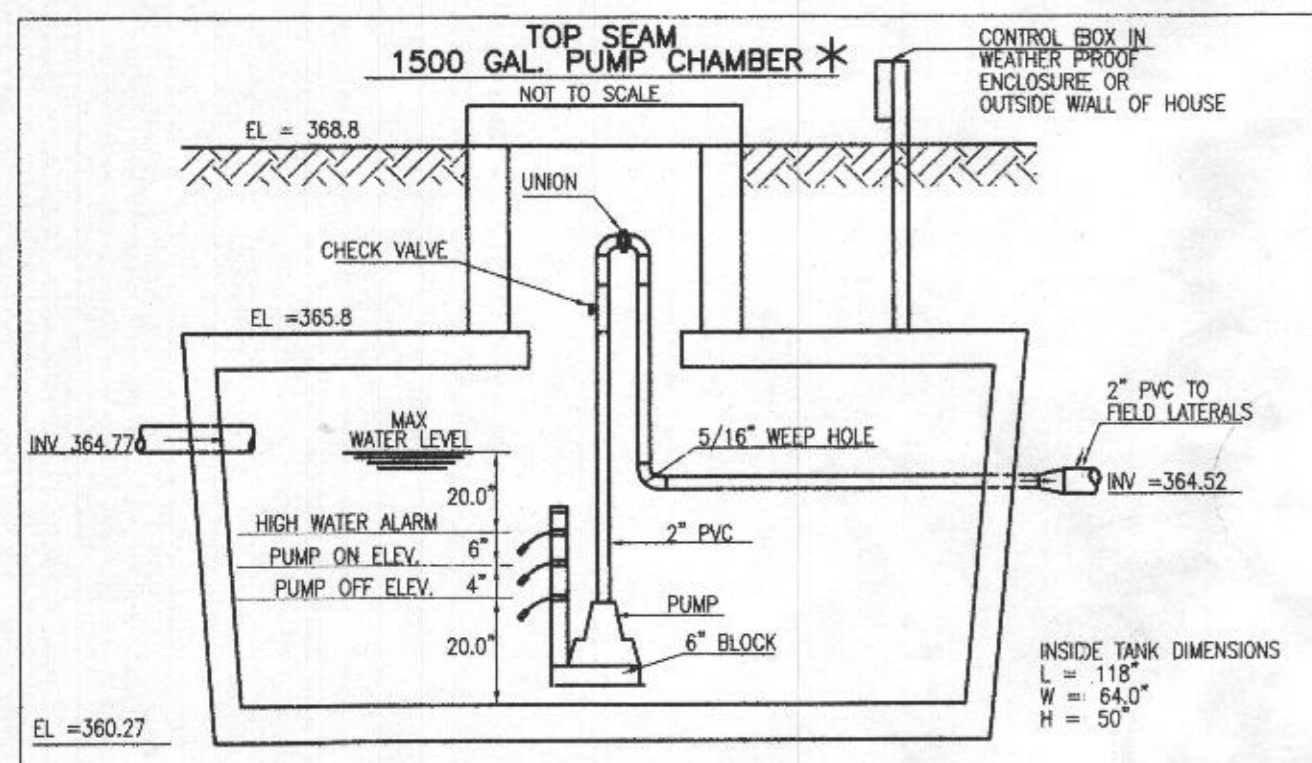
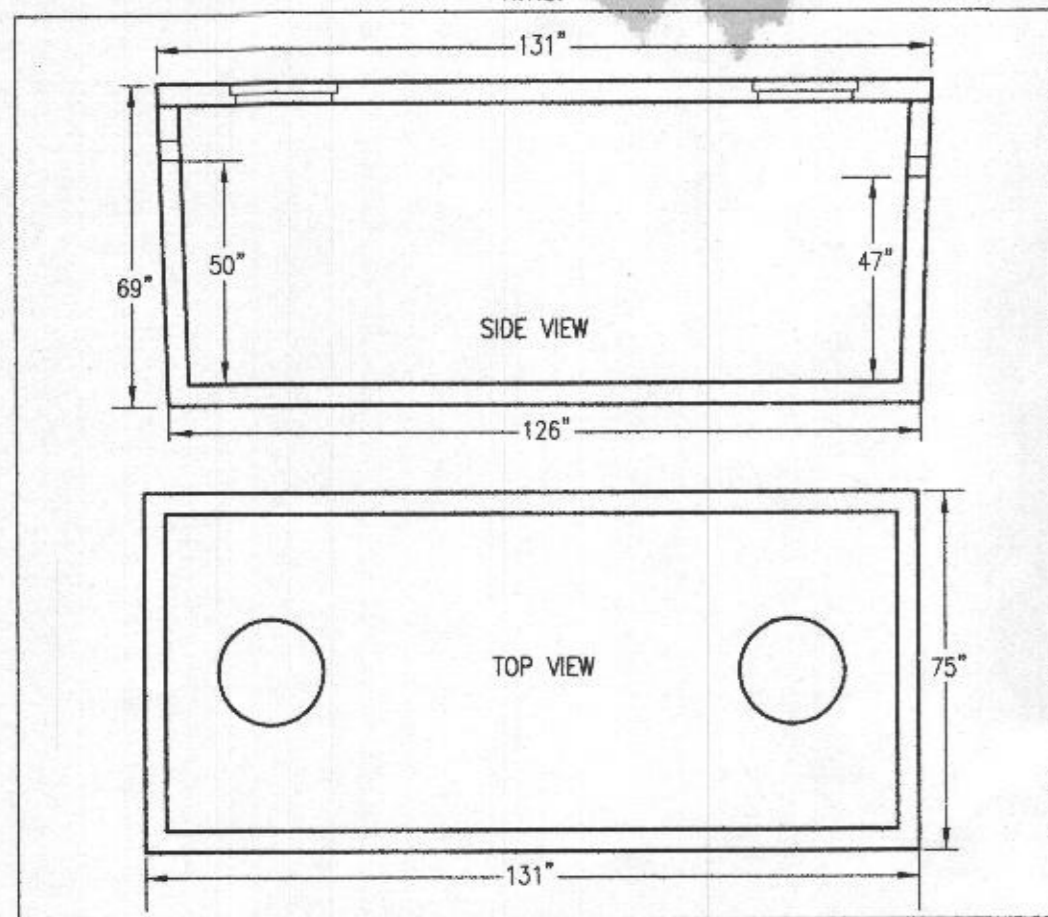
ELECTION DISTRICT: No. 3
 HOWARD COUNTY, MARYLAND
 EX. ZONING: RC-DEO

SCALE: 1" = 30'
 DATE: JUNE, 2020
 SHEET 1 OF 1

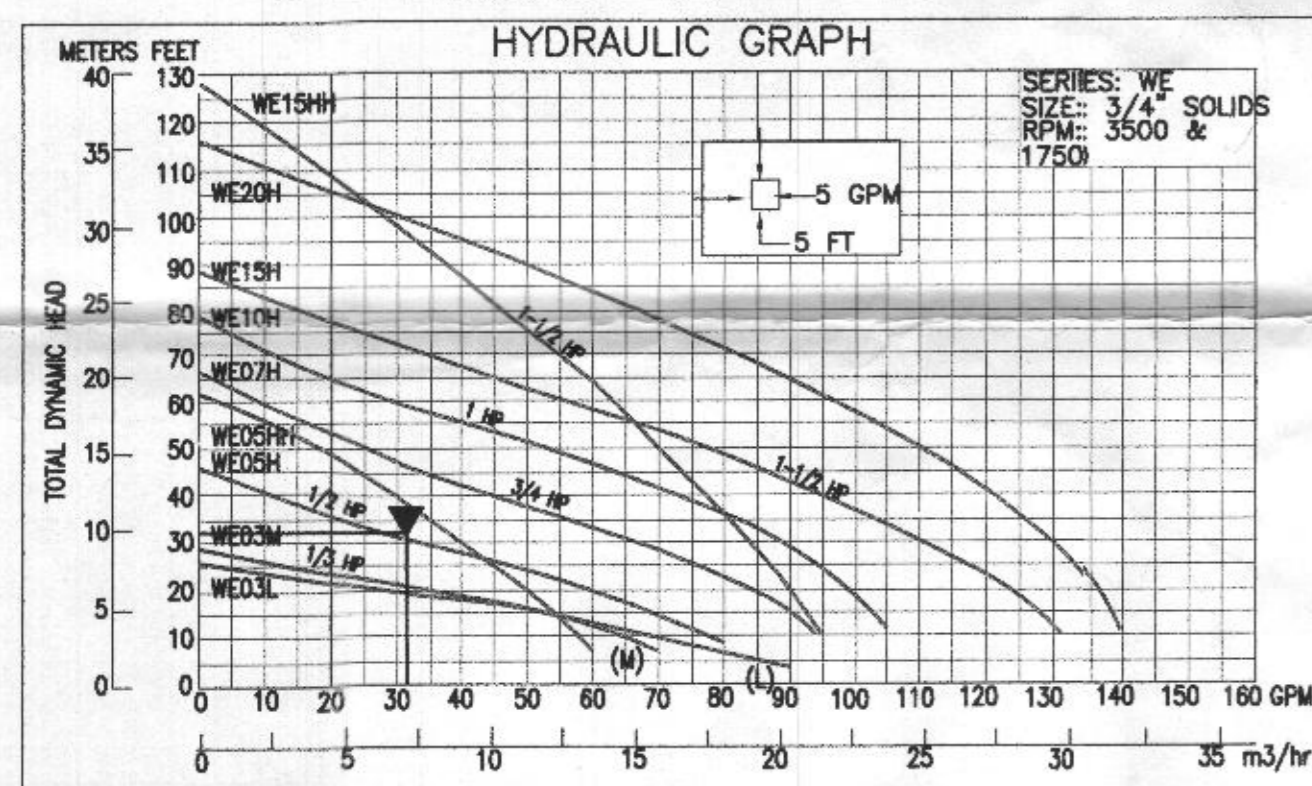
VANMAR ASSOCIATES, INC.
 Engineers Surveyors Planners
 310 South Main Street Mount Airy, Maryland 21771
 (301) 829-2890 (301) 831-5015 (410) 549-2751
 Fax (301) 831-5603 ©Copyright, Latest Date Shown

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.

1500 GALLON PUMP TANK
N.T.S.

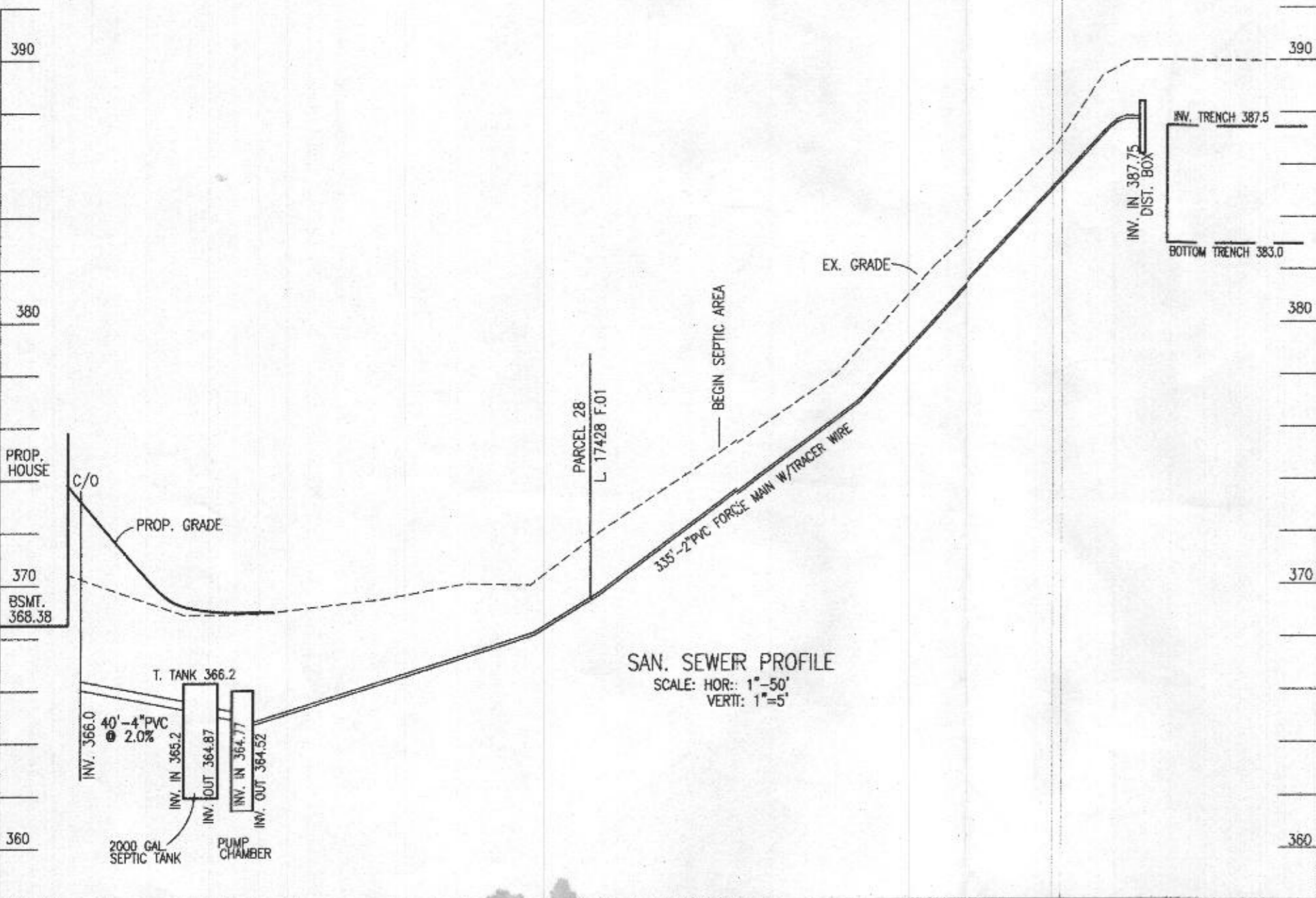


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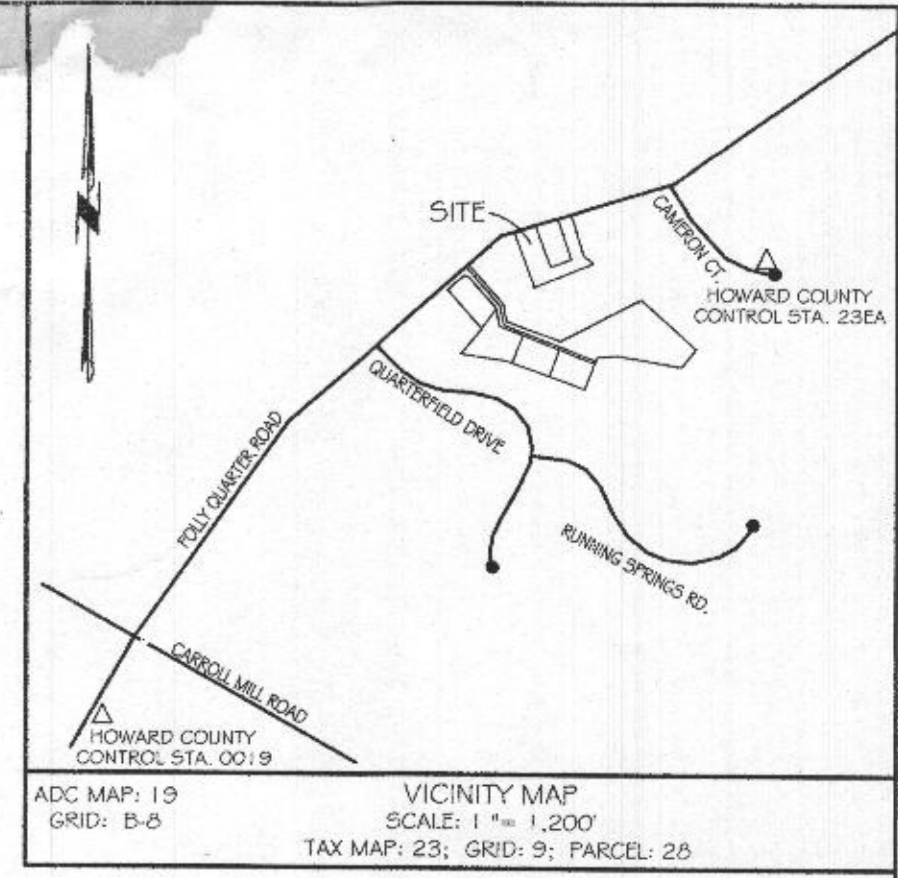
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MAJOR COLLECTOR (SCenic ROAD)
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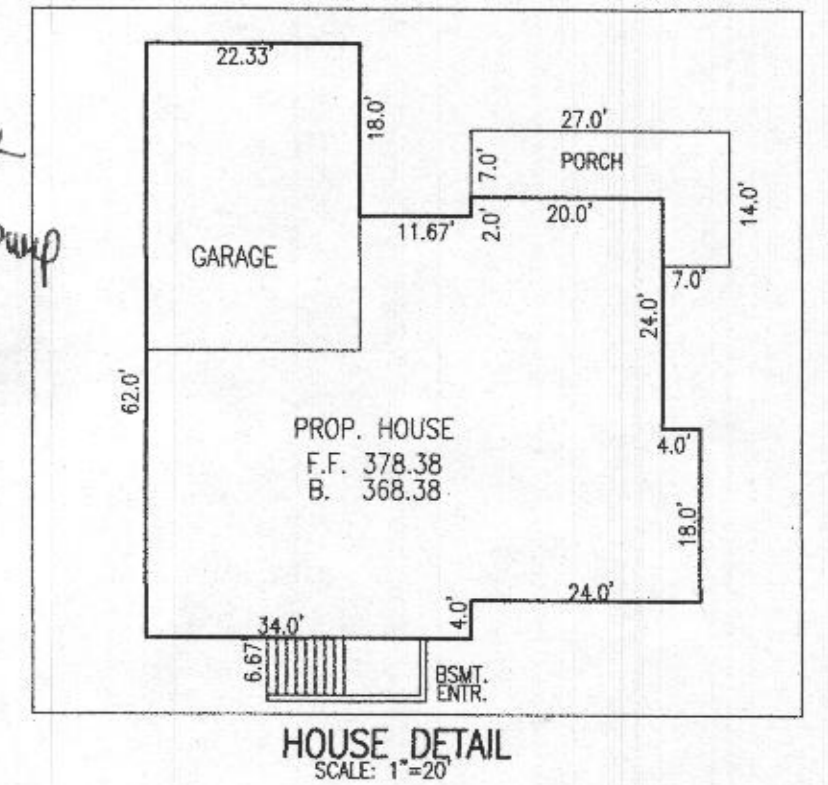
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Howard County Health Department
2000-gal septic tank
w/1500-gal pump tank
& GOULD'S WE-05HH PUMP
Fluidda
Signature
8/4/2020
Date
for 5-bedroom SFD

OWNER:
LAWRENCE R. & LOIS W. HYMAN
3621 FOLLEY QUARTER ROAD
ELICOTT CITY, MD 21042

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



ON SITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN
HYMAN PROPERTY
L. 19049 F.223
3661 FOLLEY QUARTER ROAD
PARCEL 28

TAX MAP: 23
GRID NO: 9
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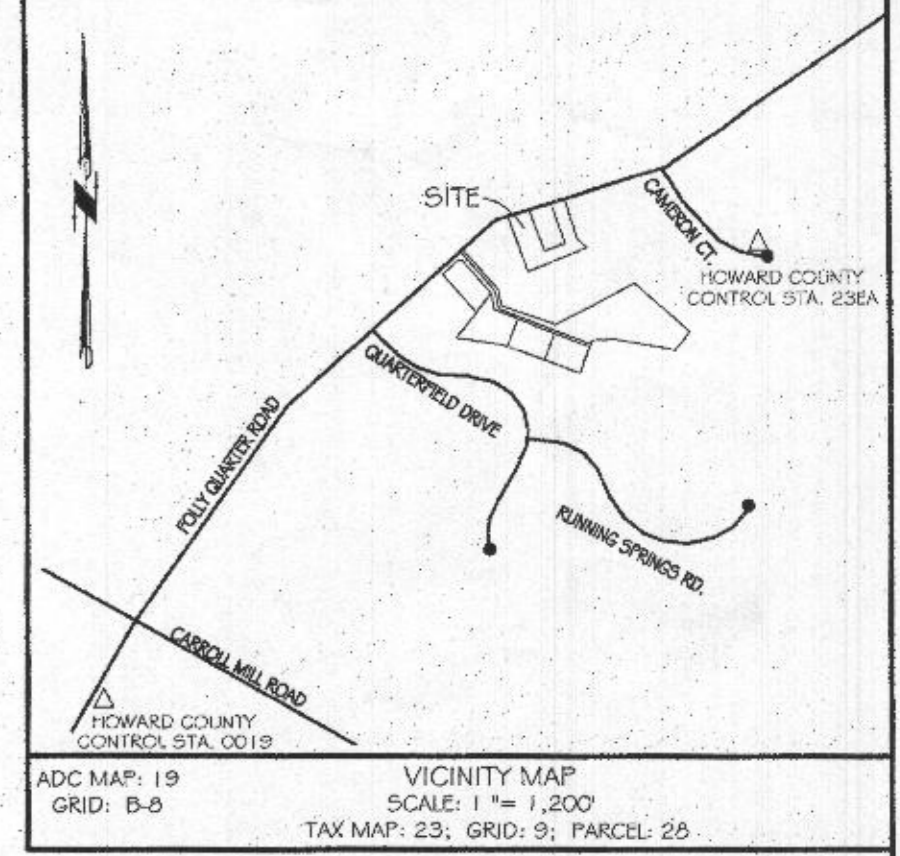
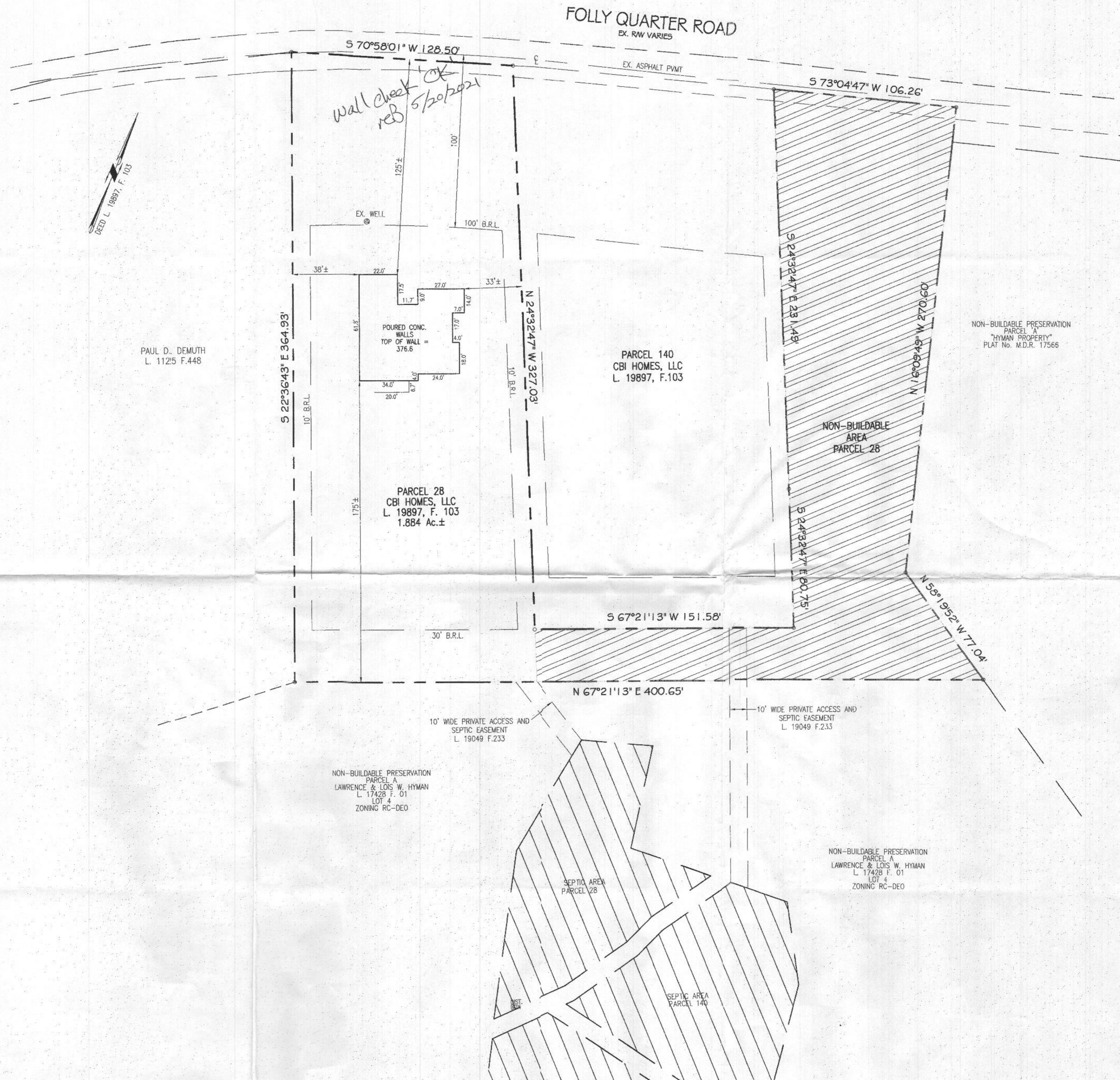
ELECTION DISTRICT: No. 3
HOWARD COUNTY, MARYLAND
EX. ZONING: RC-DEO

SCALE: 1" = 30'
DATE: JUNE, 2020
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

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: 8-18-21.

DATE: 7/22/2020



- NOTES:
1. FOOTINGS AND FOUNDATION ARE IN AS SHOWN HEREON.
 2. TOP OF WALL = 376.6
 3. BUILDING TIES ARE ±0.5' UNLESS OTHERWISE NOTED HEREON.

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 PLAN 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 1/18/2021
Date

For VanMar Associates, Inc.
Jeffery W. Elkins, Prof. Land Surveyor

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

DATE	REVISIONS

WALL CHECK DRAWING
CBI HOMES, LLC
L. 19897 F.103
3661 FOLLY QUARTER ROAD
PARCEL 28

TAX MAP: 23
GRID NO: 9
PARCEL NO: 28

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