



**Howard County  
Health Department**

**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](http://www.hchealth.org)

Facebook: [www.facebook.com/hocohealth](https://www.facebook.com/hocohealth)

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

RECEIPT DATE: 8/13/20 **ONSITE SEWAGE DISPOSAL SYSTEM** P 507943  
 APPROVAL DATE: 2/9/2021 **PERMIT: CONSTRUCTION** A \_\_\_\_\_  
 PROPERTY ADDRESS: 3685 FOLLY QUARTER ROAD, ELICOTT CITY, MD 21042  
 SUBDIVISION: FOXLEIGH (frmr. HYMAN PROPERTY, Parcel 110) LOT: 2 TAX ID: 03-285235  
 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, MARRIOTTSTVILLE, 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>90</u>	INLET DEPTH: <u>2.5</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>8.0</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>13</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>3.0</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	SLEEVE FORCE MAIN UNDER USE-IN-COMMON DRIVEWAY AND CONTINUING UNDER WATER HOUSE CONNECTION EASEMENT AS ILLUSTRATED.	

ISSUED BY: R BRICKER ISSUE DATE: 8/19/20 EXPIRATION DATE: 8/18/21

- 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
- ELECTRICAL PERMIT ISSUED E 20002560
- 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

ROAD NAME

**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
3	2.5	9
NUMBER OF TRENCHES		2
TOTAL LENGTH		90'
ABSORPTION AREA		270 sq ft
DISTRIBUTION BOX LEVEL		yes
DISTRIBUTION BOX BAFFLE		yes
DISTRIBUTION BOX PORT		yes

**SEPTIC TANK DATA**

**SEPTIC TANK 1 LEVEL**

MANUFACTURER Babylon

CAPACITY 2000 GAL

SEAM LOC top

TANK LID DEPTH 3'

BAFFLES front + back

BAFFLE FILTER -

MANHOLE LOC front + back

6" PORT LOC -

WATERTIGHT TEST -

SLOTTED yes

DATE ON LID 8-1-20

**PUMP/SEPTIC TANK LEVEL**

MANUFACTURER Babylon

CAPACITY 1500 GAL

SEAM LOC top

TANK LID DEPTH 3'

BAFFLES front

BAFFLE FILTER -

MANHOLE LOC front + back

6" PORT LOC -

WATERTIGHT TEST -

SLOTTED -

DATE ON LID 8-31-20

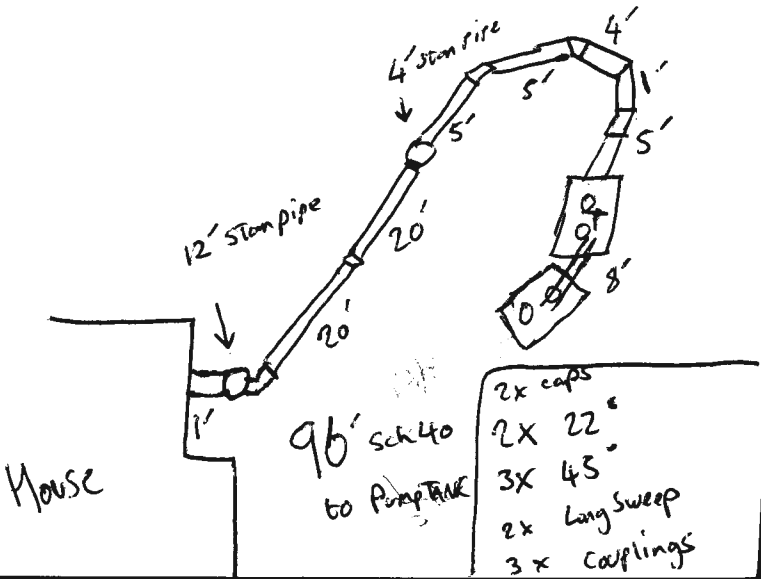
**PRE-CONSTRUCTION:**

9/1/2020 Laid out 2x45' trenches according to plan Center of tank staked. (S)

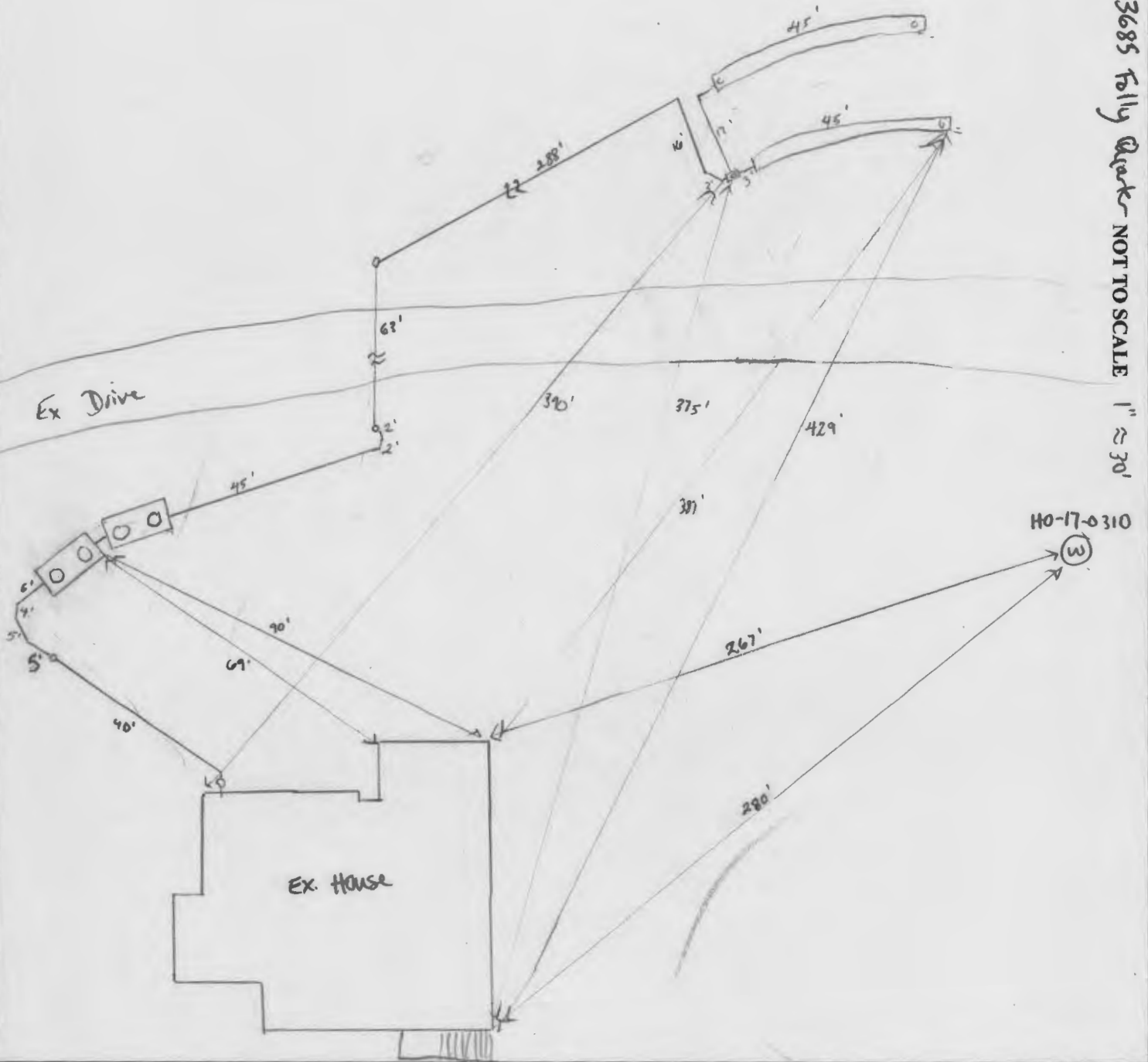
INSTALLATION: 9/8/20 Tanks were set and SHC constructed on Friday, covered with no inspection. Today, FM laid to the cleanout before the road, also covered before inspection. As built measurements obtained from contractor. (S) 9/9/20 Work between road and trench covered before inspection. D-box leveled, trenches inspected (S) 9/15/2020 Diagrammed FM location based on cleanouts and contractor's memory. Reinspect SHC (run water through). (S) 9/28/2020 Water was heard running through under plumbing out to SHC (heard through c/p). (S) 2/9/21 Obs pump and alarm functioning, water flowing in d-box. Alarm located in basement. Obs. pump and alarm on separate circuits. (S)

FINAL INSPECTOR Austin Thomas DATE OF APPROVAL 2/9/2021

Folly quarter Road  
Lot 2.



3685 Folly Quaker NOT TO SCALE 1" = 30'



# Howard County Health Department

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

SEWAGE DISPOSAL PERMIT NO. A- \_\_\_\_\_ P- 5,7943-A

RESIDENTIAL PERMIT   
(NUMBER OF BEDROOMS: \_\_\_\_\_)

COMMERCIAL PERMIT   
(DESIGN FLOW: \_\_\_\_\_ GPD)

PERMITEE:

WTC Contractors

LOCATION:

3685 Folly Quarter Road Foxleigh Lot 2

**\*\*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 \_\_\_\_\_

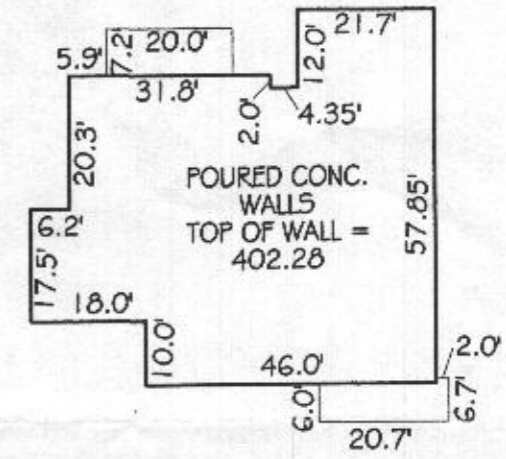
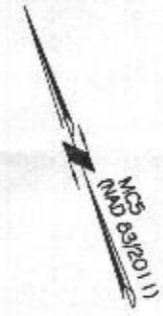
Date \_\_\_\_\_

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

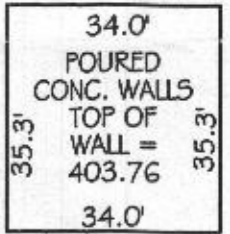
- NOTES:
1. FOOTINGS AND FOUNDATION ARE IN PLACE AS SHOWN HEREON.
  2. TOP OF WALL = 402.28 (HOUSE); 403.76 (GARAGE).
  3. BUILDING TIES ARE ±0.5' UNLESS OTHERWISE NOTED.

FOLLY QUARTER ROAD

LOT 2  
 LOCUST RIDGE ESTATES  
 P.B. 7 PG. 29



HOUSE DETAIL  
 1" = 30'



USE-IN-COMMON DRIVEWAY EASEMENT L. 16340 F. 165 FOR THE USE OF PARCELS 67, 108, 110, 111, 113 & LOT 15 LOCUST RIDGE ESTATES

NON-BUILDABLE PRESERVATION PARCEL A, LOT 4 LAWRENCE & LOIS W. HYMAN L. 17429 F. 01

20' WELL ACCESS AND WATER HOUSE CONNECTION EASEMENT L. 16597 F. 263

10' SEWER & UTILITY EASEMENT L. 16597 F. 302

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USE-IN-COMMON DRIVEWAY EASEMENT L. 16340 F. 165 FOR THE USE OF PARCELS 67, 108, 110, 111, 113 & LOT 15 LOCUST RIDGE ESTATES

20' WELL ACCESS AND WATER HOUSE CONNECTION EASEMENT L. 16597 F. 263

JASON & SHALINA VLOCH L. 16572 F. 332

50' BRL

10' BRL

LOT 2  
 CBI HOMES, LLC  
 L. 18871, F. 145  
 42,000 s.f.  
 0.9642 Ac. ±

34.0' POURED CONC. WALLS TOP OF WALL = 403.76

10' BRL

20' WELL ACCESS AND WATER HOUSE CONNECTION EASEMENT L. 16597 F. 263

LOT 2 CBI HOMES, LLC L. 18871, F. 145

20' DRAINAGE ESMT

N 19°49'32" E 175.05'

10' BRL

67±

51±

109±

10' BRL

51±

30' BRL

60±

51±

10' BRL

519°49'13" W 175.06'

N 70°10'44" W 239.82'

LOT 42 QUARTERFIELD PLAT No. 12237

LOT 43 QUARTERFIELD PLAT No. 12237

*Wall check OK reb 8/20/2020*

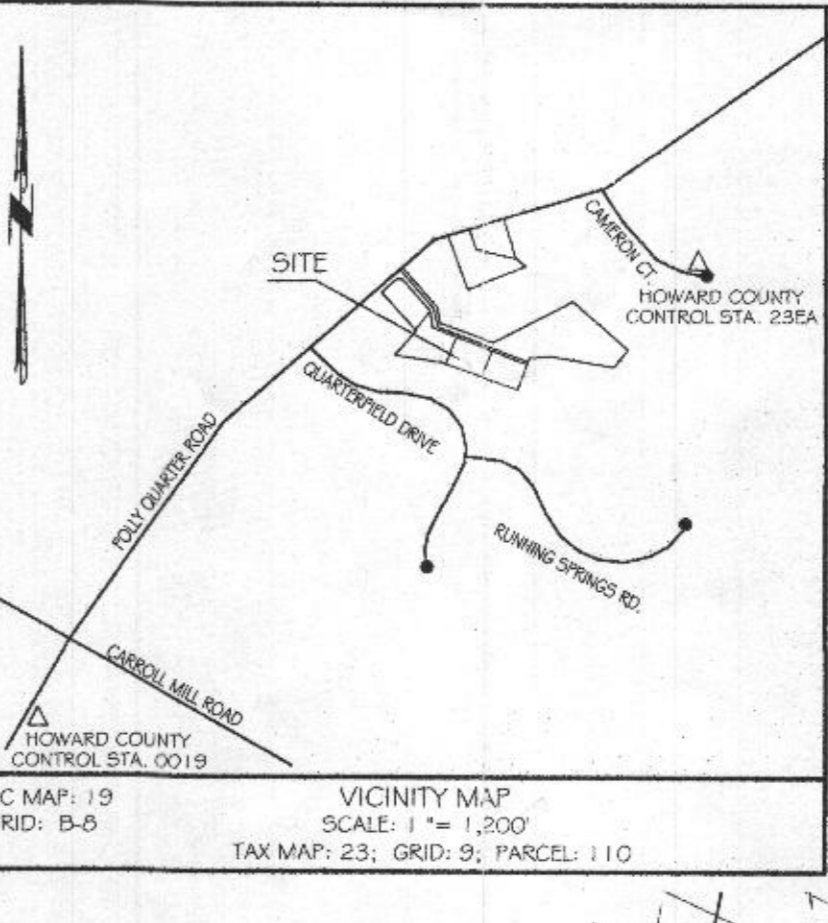
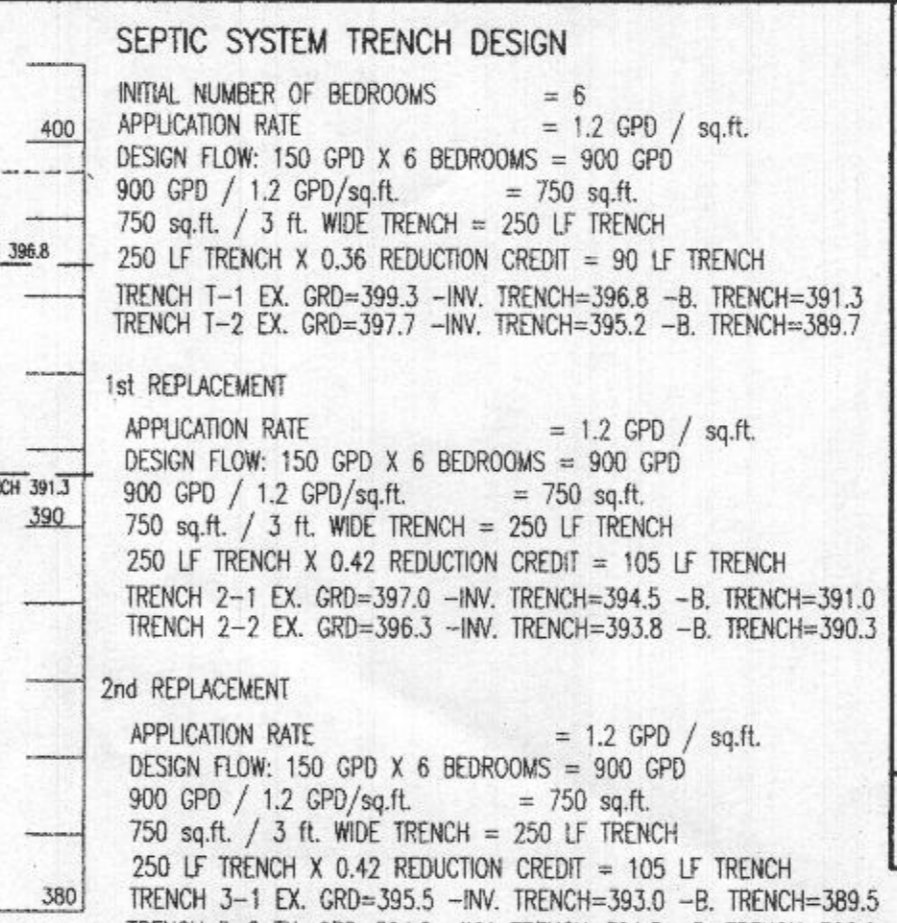
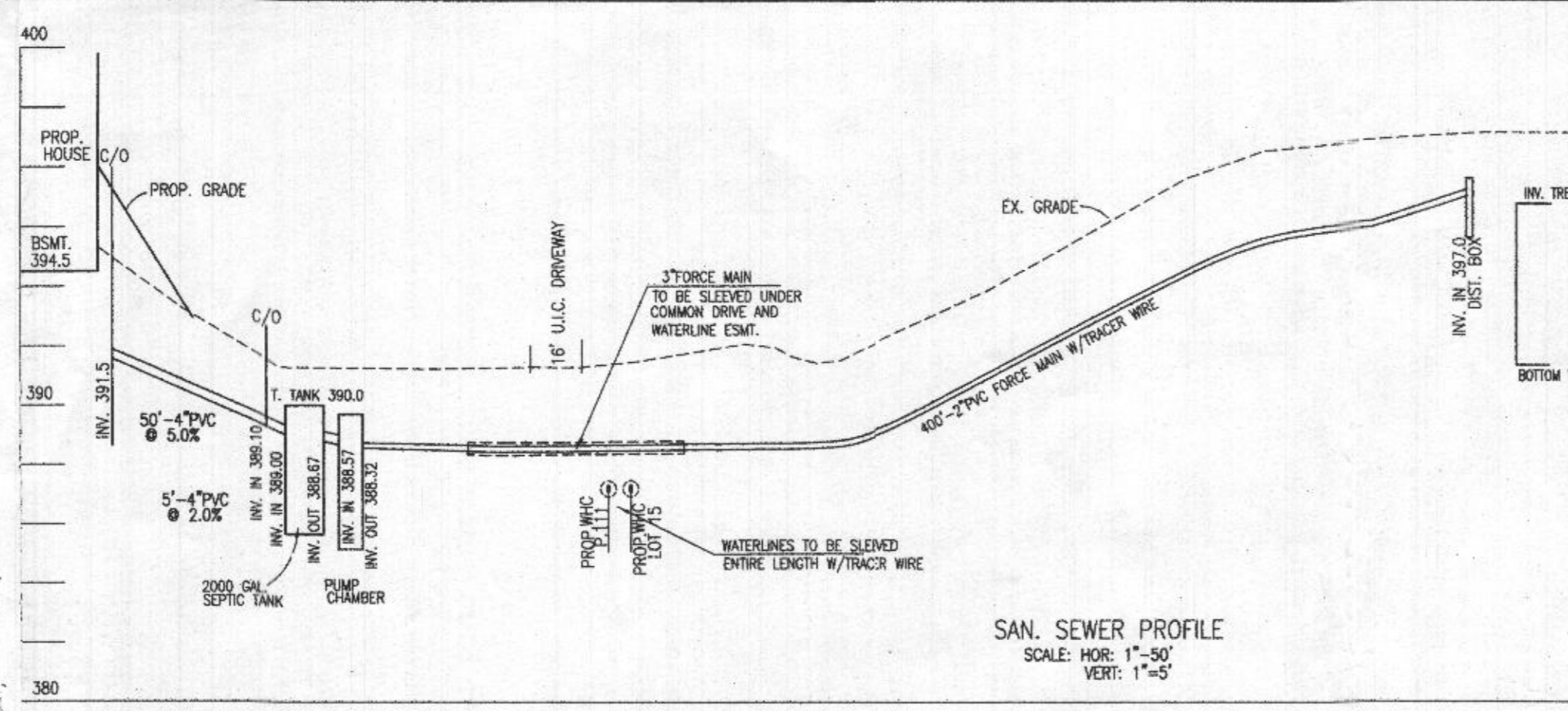
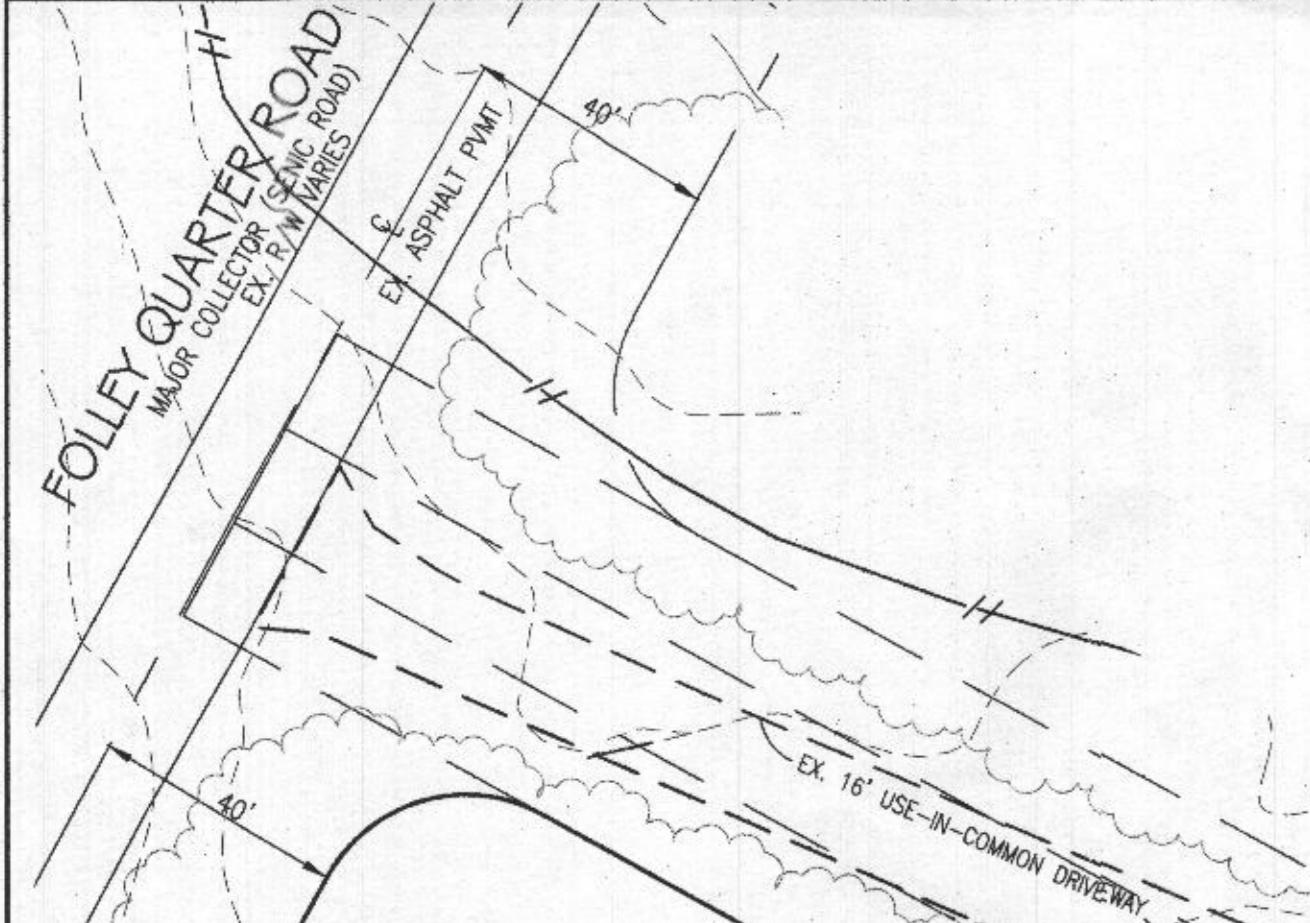
WALL CHECK DRAWING  
 LOT 2  
**CBI HOMES, LLC**  
 LIBER 18871, FOLIO 145  
 3685 FOLLY QUARTER ROAD  
 ELECTION DISTRICT NO. 3  
 HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 60' MAY, 2020



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.

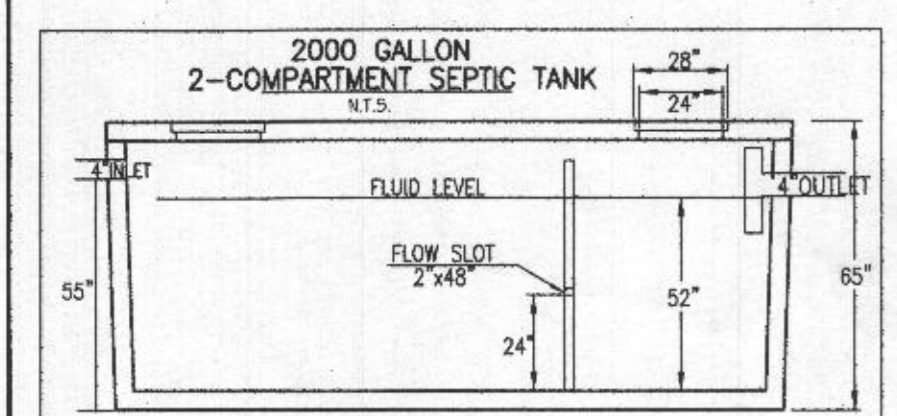
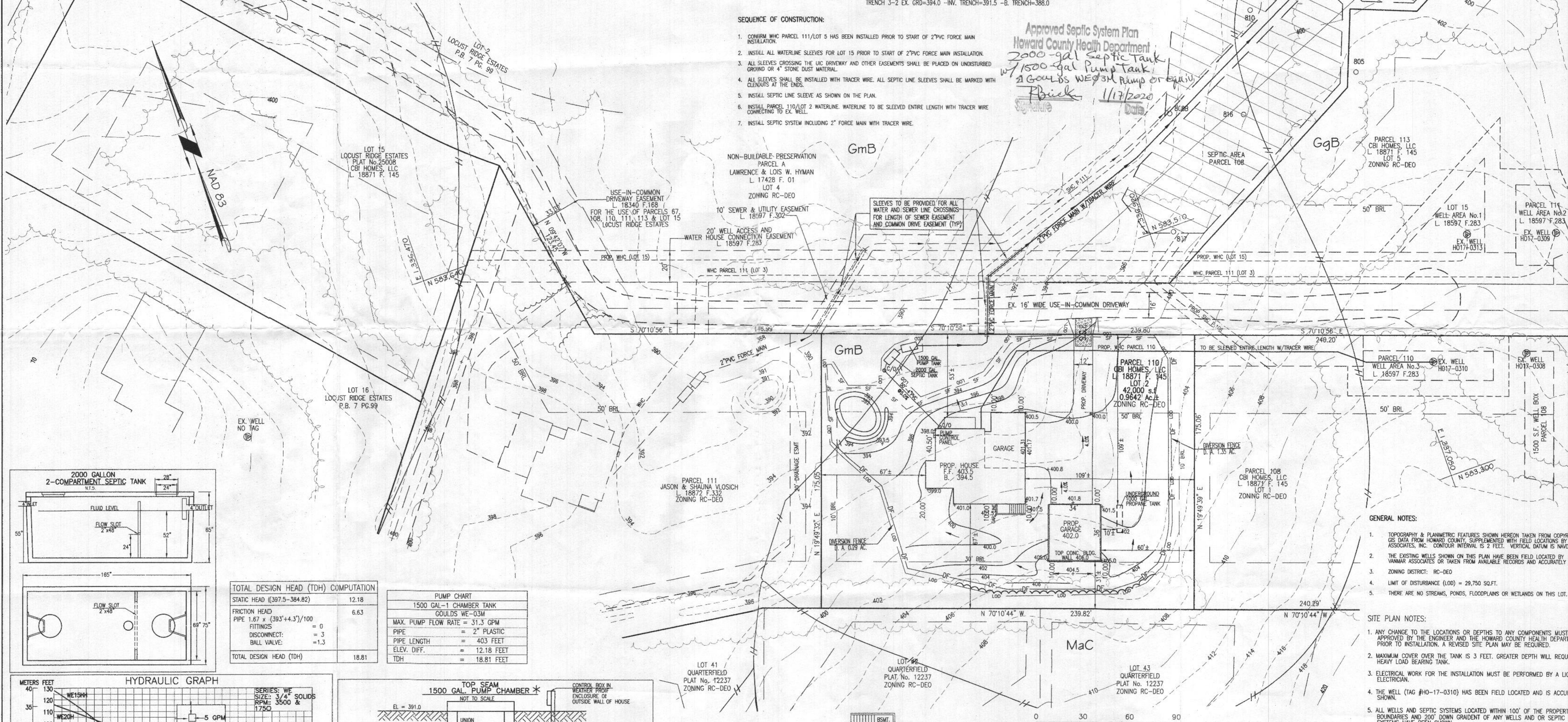
*Jeffery W. Elkins* 6/1/2020  
 For VanMar Associates, Inc. Date  
 Jeffery W. Elkins, Prof. Land Surveyor

**VANMAR ASSOCIATES, INC.**  
 Engineers Surveyors Planners  
 310 South Main Street Mount Airy, Maryland 21771  
 (301) 829-2890 (301) 831-5015 (410) 549-2751  
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**SEQUENCE OF CONSTRUCTION:**

1. CONFIRM WHC PARCEL 111/LOT 5 HAS BEEN INSTALLED PRIOR TO START OF 2" PVC FORCE MAIN INSTALLATION.
2. INSTALL ALL WATERLINE SLEEVES FOR LOT 15 PRIOR TO START OF 2" PVC FORCE MAIN INSTALLATION.
3. ALL SLEEVES CROSSING THE LIC DRIVEWAY AND OTHER EASEMENTS SHALL BE PLACED ON UNDISTURBED GROUND OR 4" STONE DUST MATERIAL.
4. ALL SLEEVES SHALL BE INSTALLED WITH TRACER WIRE. ALL SEPTIC LINE SLEEVES SHALL BE MARKED WITH CLENOTS AT THE ENDS.
5. INSTALL SEPTIC LINE SLEEVE AS SHOWN ON THE PLAN.
6. INSTALL PARCEL 110/LOT 2 WATERLINE. WATERLINE TO BE SLEEVED ENTIRE LENGTH WITH TRACER WIRE CONNECTING TO EX. WELL.
7. INSTALL SEPTIC SYSTEM INCLUDING 2" FORCE MAIN WITH TRACER WIRE.



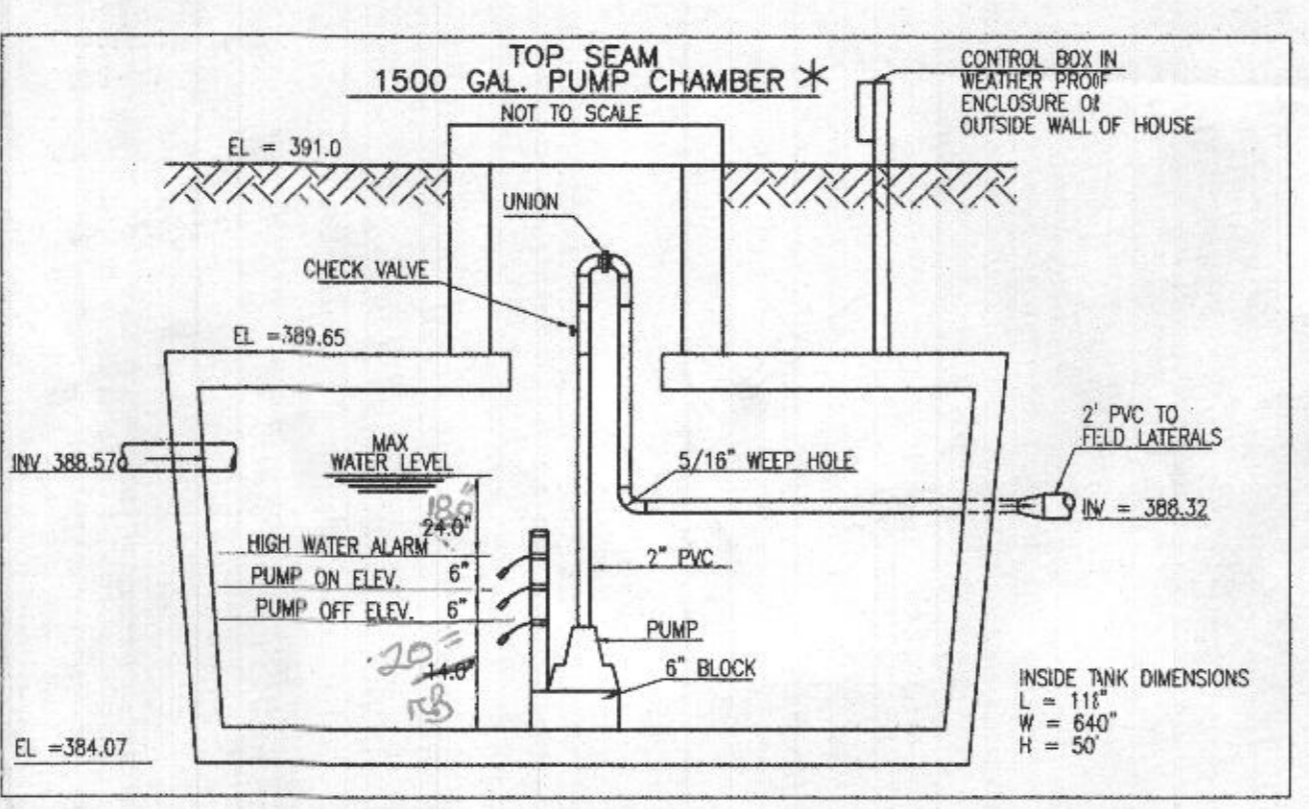
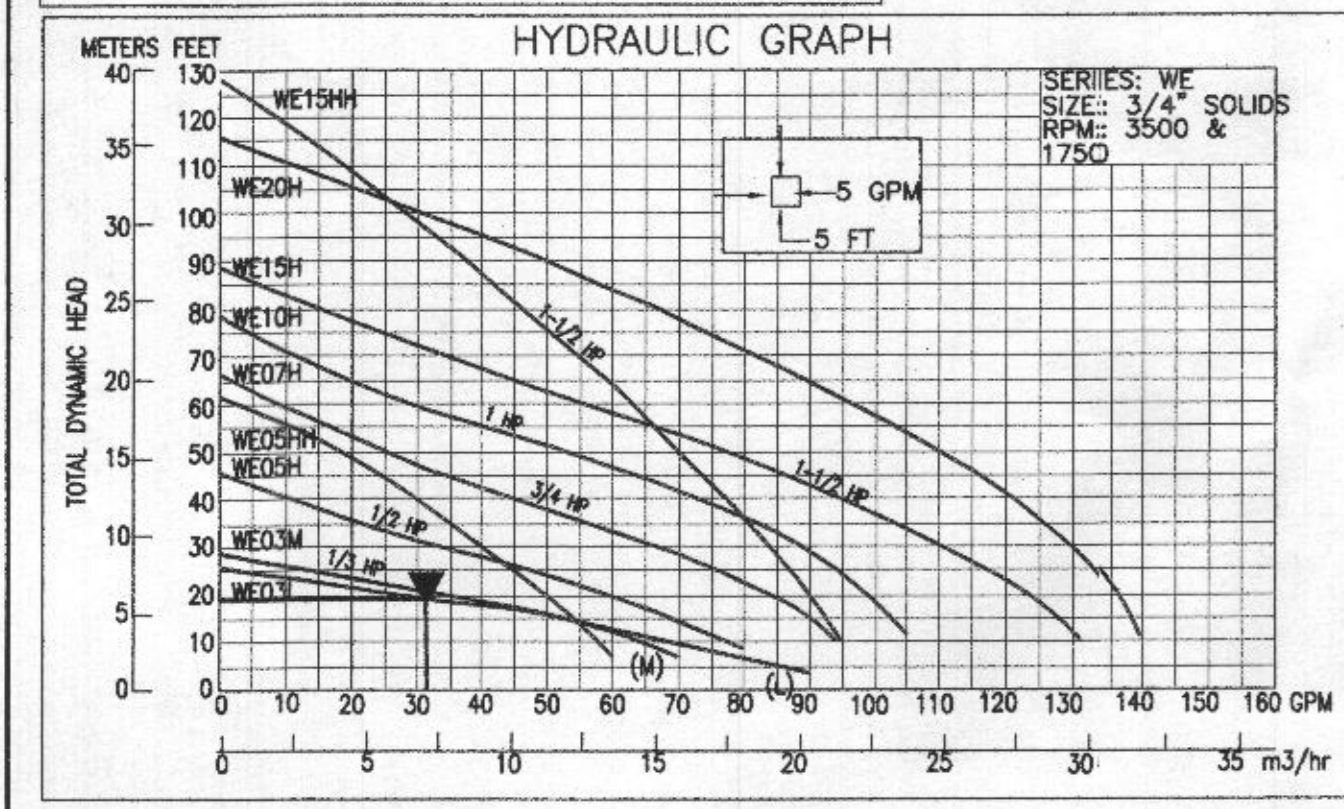
**TOTAL DESIGN HEAD (TDH) COMPUTATION**

STATIC HEAD (397.5-384.82)	12.18
FRICTION HEAD PIPE 1.67 x (393'+4.3')/100 FITTINGS = 0 DISCONNECT = 3 BALL VALVE = 1.3	6.63
<b>TOTAL DESIGN HEAD (TDH)</b>	<b>18.81</b>

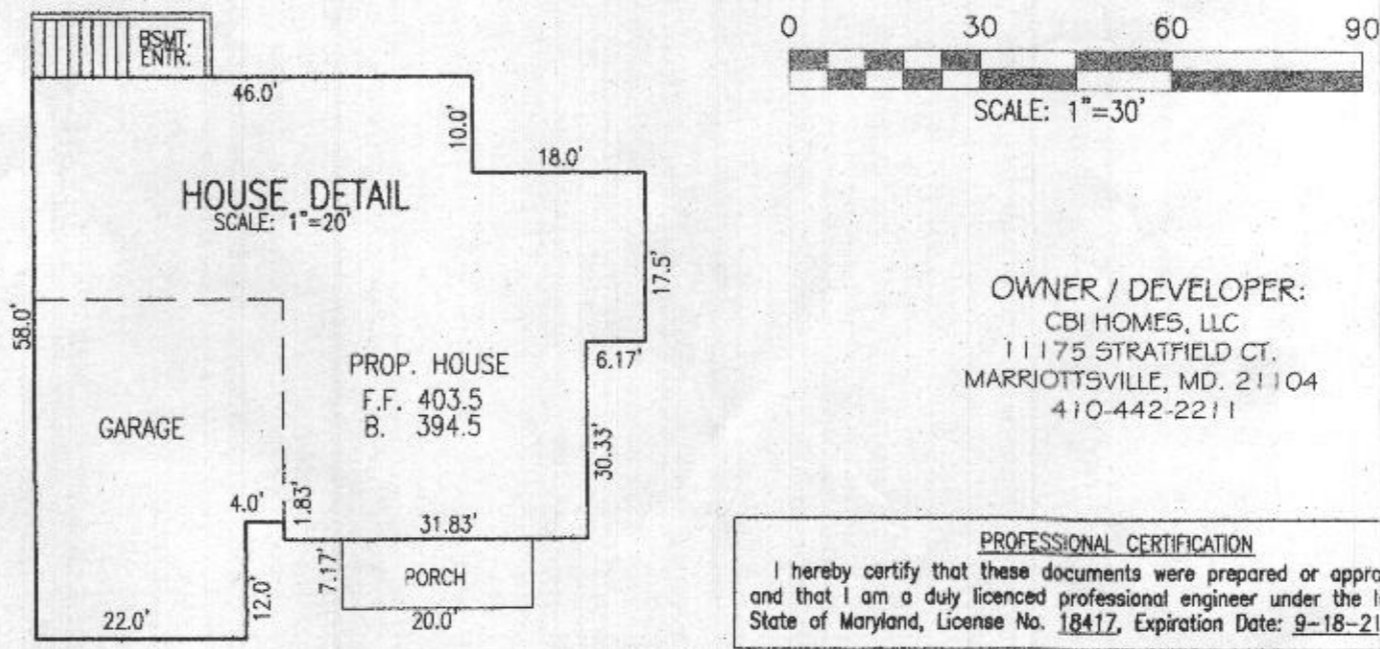
**PUMP CHART**

1500 GAL-1 CHAMBER TANK  
GOULLIS WE-03M

MAX. PUMP FLOW RATE = 31.3 GPM
PIPE = 2" PLASTIC
PIPE LENGTH = 403 FEET
ELEV. DIFF. = 12.18 FEET
TDH = 18.81 FEET



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



OWNER / DEVELOPER:  
CBI HOMES, LLC  
1175 STRATFIELD CT.  
MARROTTSVILLE, MD. 21104  
410-442-2211



- GENERAL NOTES:**
1. 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.
  2. THE EXISTING WELLS SHOWN ON THIS PLAN HAVE BEEN FIELD LOCATED BY VANMAR ASSOCIATES OR TAKEN FROM AVAILABLE RECORDS AND ACCURATELY SHOWN.
  3. ZONING DISTRICT: RC-DEO
  4. LIMIT OF DISTURBANCE (LOD) = 29,750 SQ.FT.
  5. THERE ARE NO STREAMS, PONDS, FLOODPLANS OR WETLANDS ON THIS LOT.

- SITE PLAN NOTES:**
1. 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.
  2. MAXIMUM COVER OVER THE TANK IS 3 FEET. GREATER DEPTH WILL REQUIRE A HEAVY LOAD BEARING TANK.
  3. ELECTRICAL WORK FOR THE INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
  4. THE WELL (TAG #10-17-0310) HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.
  5. 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.

**ON SITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN**  
**HYMAN PROPERTY**  
**CBI HOMES, LLC**  
LOT 2  
3685 FOLLY QUARTER ROAD

TAX MAP: 23 ELECTION DISTRICT: No. 3 SCALE: 1" = 30'  
GRID NO: 9 HOWARD COUNTY, MARYLAND DATE: DECEMBER 2019  
PARCEL NO: 110 EX. ZONING: RC-DEO SHEET 1 OF 1

**VANMAR ASSOCIATES, INC.**  
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