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
Facebook: www.facebook.com/hocohealth

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

RECEIPT DATE: 3/8/18 **ONSITE SEWAGE DISPOSAL SYSTEM** P 5602919

APPROVAL DATE: 4/20/18 SEC **PERMIT: CONSTRUCTION** A

PROPERTY ADDRESS: **12406 ALL DAUGHTERS LANE, HIGHLAND , MD 20777**

SUBDIVISION: **ORCHARD ESTATES** LOT: **7** TAX ID: **05-451124**

CONTRACTOR: Hatfield's Equipment EMAIL:

CONTRACTOR ADDRESS: P.O. Box 519, Annapolis Junction, MD 20701 PHONE: 301-490-4289

PROPERTY OWNER: **MB BROWNS BRIDGE COURT LLC** EMAIL: **MQuint@mitchellbest.com**

OWNER ADDRESS: **1686 E.GUDE DRIVE, ROCKVILLE, MD 20850** PHONE: **(301) 762-9511**

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

PUMP MODEL: **N.A.** PUMP SIZE **N.A.** PUMP TANK CAPACITY: **N.A.**

DISTRIBUTION SYSTEM: XX ☐ GRAVITY ☐ PRESSURE DOSED BEDROOMS: **4** APPLICATION RATE: **0.8**

TRENCHES:	LINEAR FEET REQUIRED: 208.5	INLET DEPTH: **4.0**
	TRENCH WIDTH: 3.0	MAXIMUM BOTTOM DEPTH: **6.0**
	MINIMUM SPACE BETWEEN TRENCHES: 10.0	EFFECTIVE AREA BEGINNING DEPTH: **5.0**
LOCATION:	**PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.**	
NOTES:		

ISSUED BY: **R BRICKER** ISSUE DATE: 3/8/18 EXPIRATION DATE: 3/8/19

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 **N.A.**

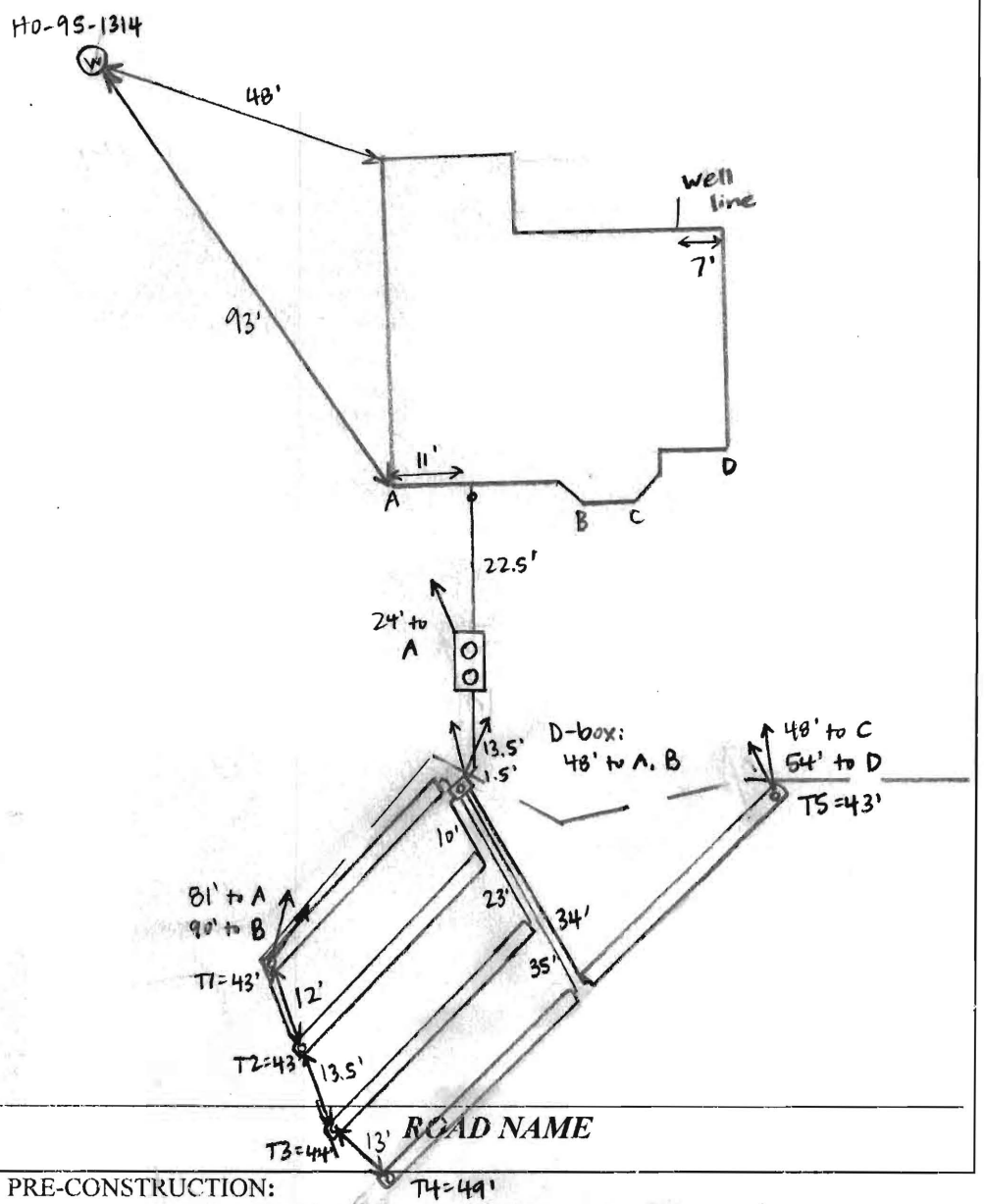
NOTE: MDE RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRETREATMENT UNITS BE PUMPED AT A FREQUENCY ADEQUATE TO ENSURE THAT SOLIDS ARE NOT DISCHARGED TO THE DISPOSAL AREA

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



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	4-4.5'	6'

NUMBER OF TRENCHES 5
TOTAL LENGTH 222'
ABSORPTION AREA 666' + 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 3.5-4'
BAFFLES YES
BAFFLE FILTER NO
MANHOLE LOC FRONT + REAR
6" PORT LOC NONE
WATERTIGHT TEST NO
SLOTTED YES
DATE ON LID 3-11-18

~~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:
4/12/18 Met Hatfield's on site for layout. Tank + SDA corners staked. Shot contour + laid out 5 × 42' trenches on contour. (SC)

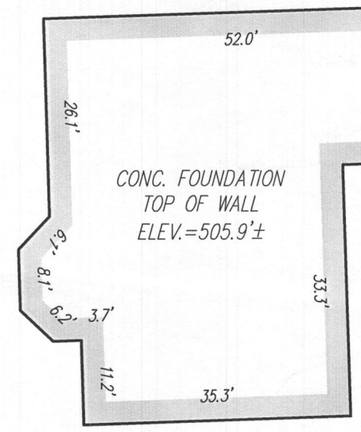
INSTALLATION: 4/18/18 House connection made. Septic tank set - cover should be 3' per plan but closer to 3.5-4'. Hatfield's mentioned lid is thicker and cover will be OK. Drainage must be away from tank. D-box set. (SC) 4/19/18 T2-T5 complete. T5 left open for inspection + T2-T4 left open at ends, 3' wide, 3.5' to stone. Hatfield's digging + adding stone to T1, 3' wide + 4' to stone. (SC) 4/19/18 T1 complete + left open for inspection. Leveled speed levelers in D-box. Riser lids @ grade - need 6" extensions. [corrective action] (SC) 4/20/18 Contractor sent pictures of 6" riser extensions. [corrective action completed] (SC)

FINAL INSPECTOR Sarah Collins. DATE OF APPROVAL 4/20/18.

LEGEND

PRIVATE SEPTIC EASEMENT AREA PER PLAT 19877

PRIVATE SEPTIC EASEMENT AREA PER PLOT PLAN/SEDIMENT CONTROL PLAN



INSET
1" = 20'

THIS WALLCHECK WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT. THIS PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS, RIGHTS-OF-WAY, COVENANTS, AND RESTRICTIONS, ETC. OF RECORD, SOME OR ALL OF WHICH MAY OR MAY NOT BE SHOWN AND/OR REFERENCED HEREON. BEARINGS AND DISTANCES OF THE PROPERTY BOUNDARY LINES SHOWN HEREON ARE PER AVAILABLE RECORDS AND HAVE NOT BEEN FIELD VERIFIED. THIS IS NOT A "LOCATION DRAWING" AND IS NOT TO BE USED FOR SETTLEMENT PURPOSES.

THE PROPERTY SHOWN HEREON LIES WITHIN ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) AS SHOWN ON THE F.E.M.A. FLOOD INSURANCE RATE MAP, MAP NUMBER 24027C0140D, EFFECTIVE DATE NOVEMBER 6, 2013.

BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER <FILL IN>.
SETBACK DISTANCES SHOWN HEREON ARE TO THE OUTERMOST FACE OF THE FOUNDATION WALLS AND HAVE AN ACCURACY OF ± 0.1' FOOT.

SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY TO:
"MB ORCHARD ESTATES, LLC"

THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THE POSITION OF THE ABOVE REFERENCED BUILDING FOUNDATION HAS BEEN ESTABLISHED BY ACCEPTED FIELD PRACTICES.

3/8/18 - well check okay 4.0.

For Gutschick, Little and Weber, P.A. :
Thomas C. O'Connor, Jr.,
Professional Land Surveyor, No. 10954 (EXP. DATE: 07/03/2018)

THIS WALLCHECK IS VALID ONLY WITH AN ORIGINAL SIGNATURE AND EMBOSSED SEAL OF THE ABOVE SURVEYOR.

GLW GUTSCHICK LITTLE & WEBER, P.A.
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
3909 NATIONAL DRIVE – SUITE 250 – BURTONSVILLE OFFICE PARK
BURTONSVILLE, MARYLAND 20866
TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

DES.
DRN. MAB
CHK.

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PREPARED FOR:
MB ORCHARD ESTATES, LLC
1686 E. GUDE DRIVE
ROCKVILLE, MARYLAND 20850

WALLCHECK
(SPECIAL PURPOSE SURVEY)

ORCHARD ESTATES

LOT 7

12406 ALL DAUGHTERS LANE

HOWARD COUNTY, MD

DATE OF LATEST FIELD WORK: 2/28/2018 | G.L.W. FILE No. 15112

REFERENCE : PLAT BOOK: N/A PLAT No. 19876 | SCALE: 1"=40'

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