

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: 6-5-18 **ONSITE SEWAGE DISPOSAL SYSTEM** P 563013
 APPROVAL DATE: 07/12/2018 **PERMIT: CONSTRUCTION** A _____
 PROPERTY ADDRESS: 12410 ALL DAUGHTERS LANE, HIGHLAND, MD 20777
 SUBDIVISION: ORCHARD ESTATES LOT: 6 TAX ID: _____
 CONTRACTOR: HATFIELDS EQUIPMENT EMAIL: N/A
 CONTRACTOR ADDRESS: P.O. BOX 519 ANNAPOLIS JUNCTION MD PHONE: 301-490-4289
 PROPERTY OWNER: MB Orchard Estates 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: GRAVITY PRESSURE DOSED BEDROOMS: 4 APPLICATION RATE: 0.8

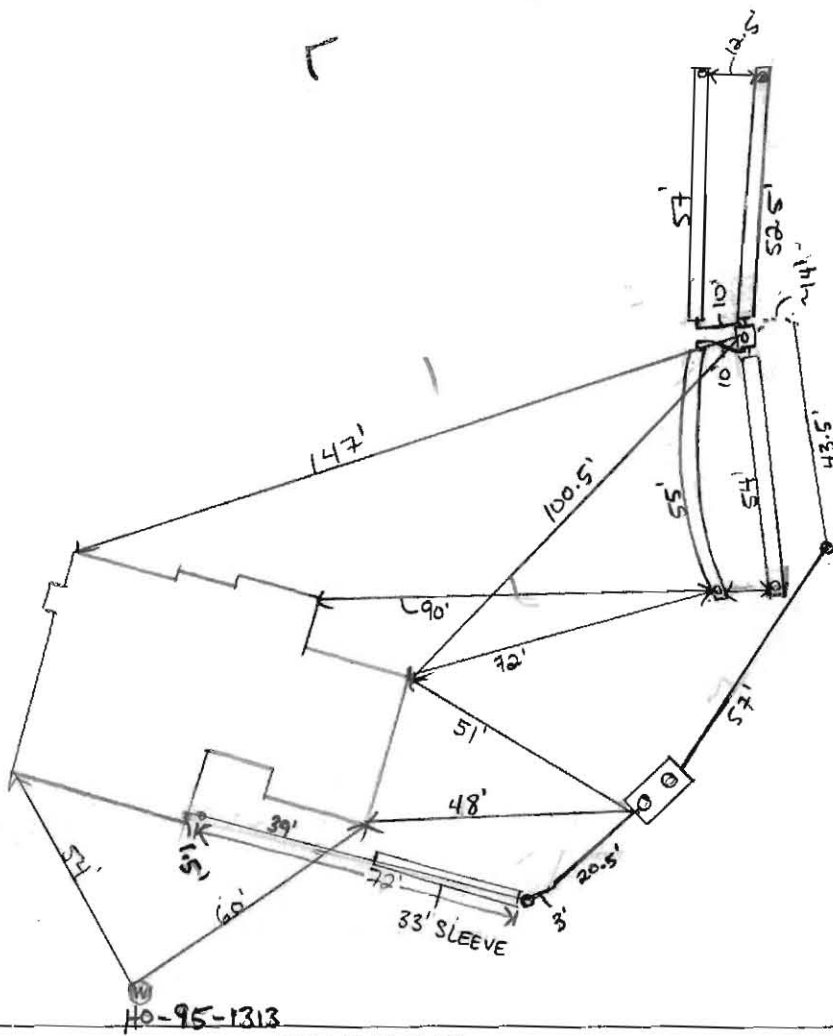
TRENCHES:	LINEAR FEET REQUIRED: <u>208.3</u>	INLET DEPTH: <u>4</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>5</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	PIPE INSTALLED SPEC: SILVERLINE COEX CELLULAR CORE 4" PVC X SOLVENT WELDED 1PS SCH 40 ASTM F-891-10 NON PRESSURE	

ISSUED BY: Hank Oswald ISSUE DATE: 6-5-18 EXPIRATION DATE: 6-5-19

- 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



ROAD NAME

ALL DAUGHTERS LANE

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	4'	5'
NUMBER OF TRENCHES		4
TOTAL LENGTH		218.5'
ABSORPTION AREA		655.5 ft ² + SIDE
DISTRIBUTION BOX LEVEL		YES
DISTRIBUTION BOX BAFFLE		YES
DISTRIBUTION BOX PORT		YES

SEPTIC TANK DATA

SEPTIC TANK I LEVEL	YES
MANUFACTURER	BABYLON
CAPACITY	2000 GAL
SEAM LOC	TOP
TANK LID DEPTH	1.5'
BAFFLES	YES
BAFFLE FILTER	NO
MANHOLE LOC	FRONT/BACK
6" PORT LOC	INLET
WATERTIGHT TEST	N/A
SLOTTED	YES
DATE ON LID	5/28/2018

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:

07/09/2018 LAYOUT TWO PROXIMAL TRENCHES. 2 52' TRENCHES. CONTOUR DID NOT MATCH OSDS PLAN. D BOX 5.5' LOWER ON CONTOUR. START TRENCH AT D BOX AND HOLD LEVEL. LAZER REQUIRED AT INSTALL. 7/10/2018 SDA CLEARED OF BRUSH. CORRECT SDA COR. STAKE LOCATED. TRENCHES RE LAID OUT TO SDA DESIGN.

INSTALLATION: 7/10/2018 (AM) TANK SET. SEWER LINE + HOUSE CONNECTION INSTALLED. 7/10/2018 (PM) EFFLUENT LINE + D. BOX INSTALLED. UPPER PROXIMAL TRENCH COMPLETED. CONSTRUCTING UPPER DISTAL TRENCH. OK TO BACKFILL. 7/11/2018 D BOX INSTALLED AND LEVELED. TRENCHES COMPLETE. OK TO BACKFILL.

FINAL INSPECTOR *Joseph Sabatini* DATE OF APPROVAL 07/11/2018

GLW GUTSCHICK LITTLE & WEBER, P.A.

CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS

3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK

BURTONSVILLE, MD 20866

TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

LETTER OF TRANSMITTAL

DATE	3/15/2018	JOB NO.	15112
PROJECT	Orchard Estates		
	Lot 6		
	12410 All Daughters Lane		

TO: Bureau of Environmental Health
8930 Stanford Blvd.
Columbia, MD 21045

ATTN: _____

WE ARE SENDING THE FOLLOWING ITEMS: ATTACHED UNDER SEPARATE COVER

MYLARS PRINTS COST ESTIMATES DESCRIPTIONS GRADE SHEETS

COPY OF LETTER APPLICATIONS COMPUTATIONS OTHER see below

VIA: MAIL OVERNIGHT GLW COURIER COURIER OTHER _____

COPIES	DATE	PAGES	DESCRIPTION
3		1	Onsite Sewage System Installation Plan - Lot 6

THESE ARE TRANSMITTED as checked below:

FOR APPROVAL SIGN & RETURN

FOR YOUR USE AS SUBMITTED TO _____

FOR REVIEW & COMMENT AS REQUESTED BY _____

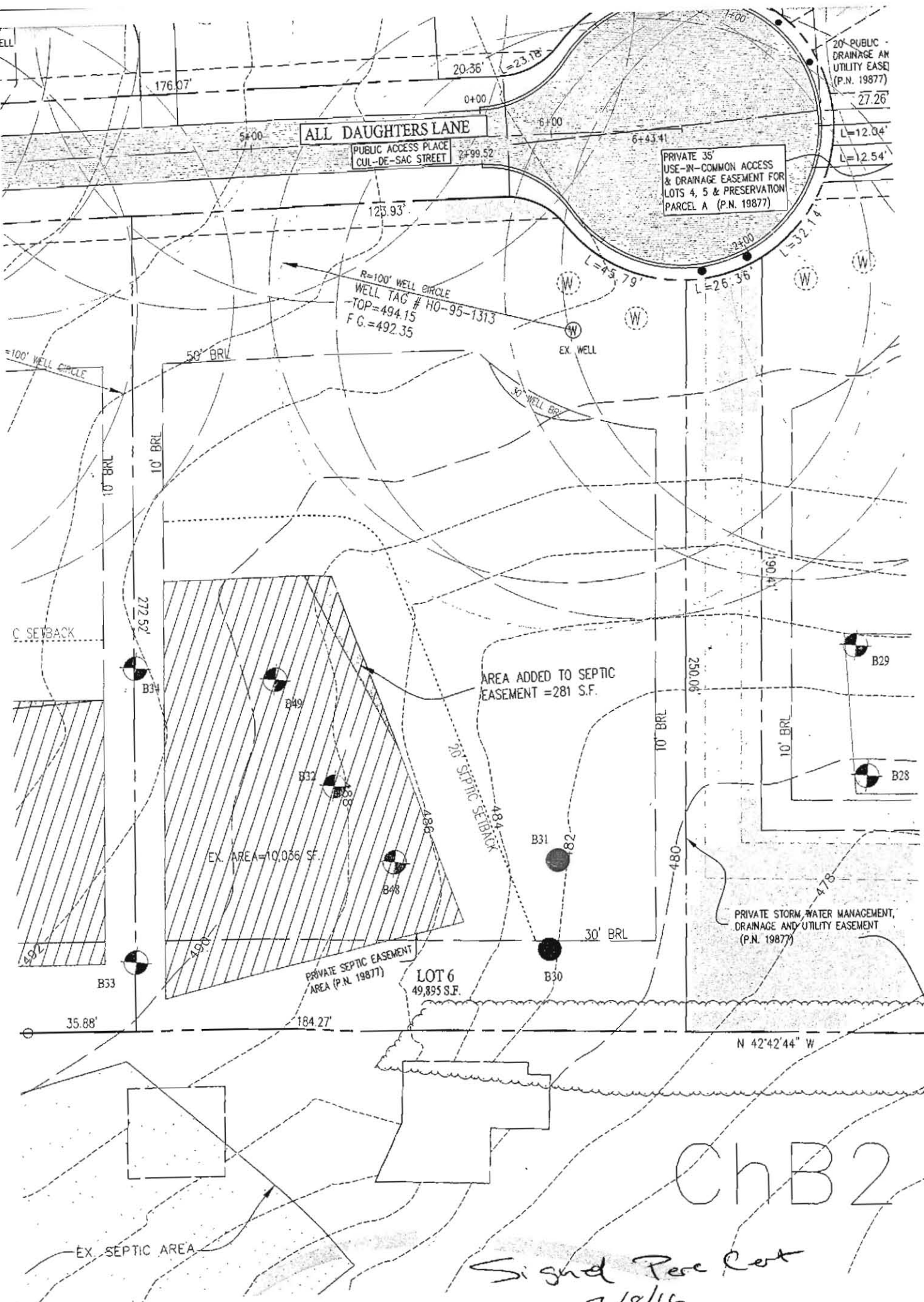
PER YOUR REQUEST _____

REMARKS: _____

COPY TO: Marc Quint

SIGNED: Kristy Pierce
 Kristy Pierce

If enclosures are not as noted, kindly notify us at once.



ALL DAUGHTERS LANE

PUBLIC ACCESS PLACE
CUL-DE-SAC STREET

PRIVATE 35'
USE-IN-COMMON ACCESS
& DRAINAGE EASEMENT FOR
LOTS 4, 5 & PRESERVATION
PARCEL A (P.N. 19877)

R=100' WELL CIRCLE
WELL TAG # HO-95-1313
-TOP=494.15
F.G.=492.35

AREA ADDED TO SEPTIC
EASEMENT =281 S.F.

EX. AREA=10,036 SF.

PRIVATE SEPTIC EASEMENT
AREA (P.N. 19877)

LOT 6
49,895 S.F.

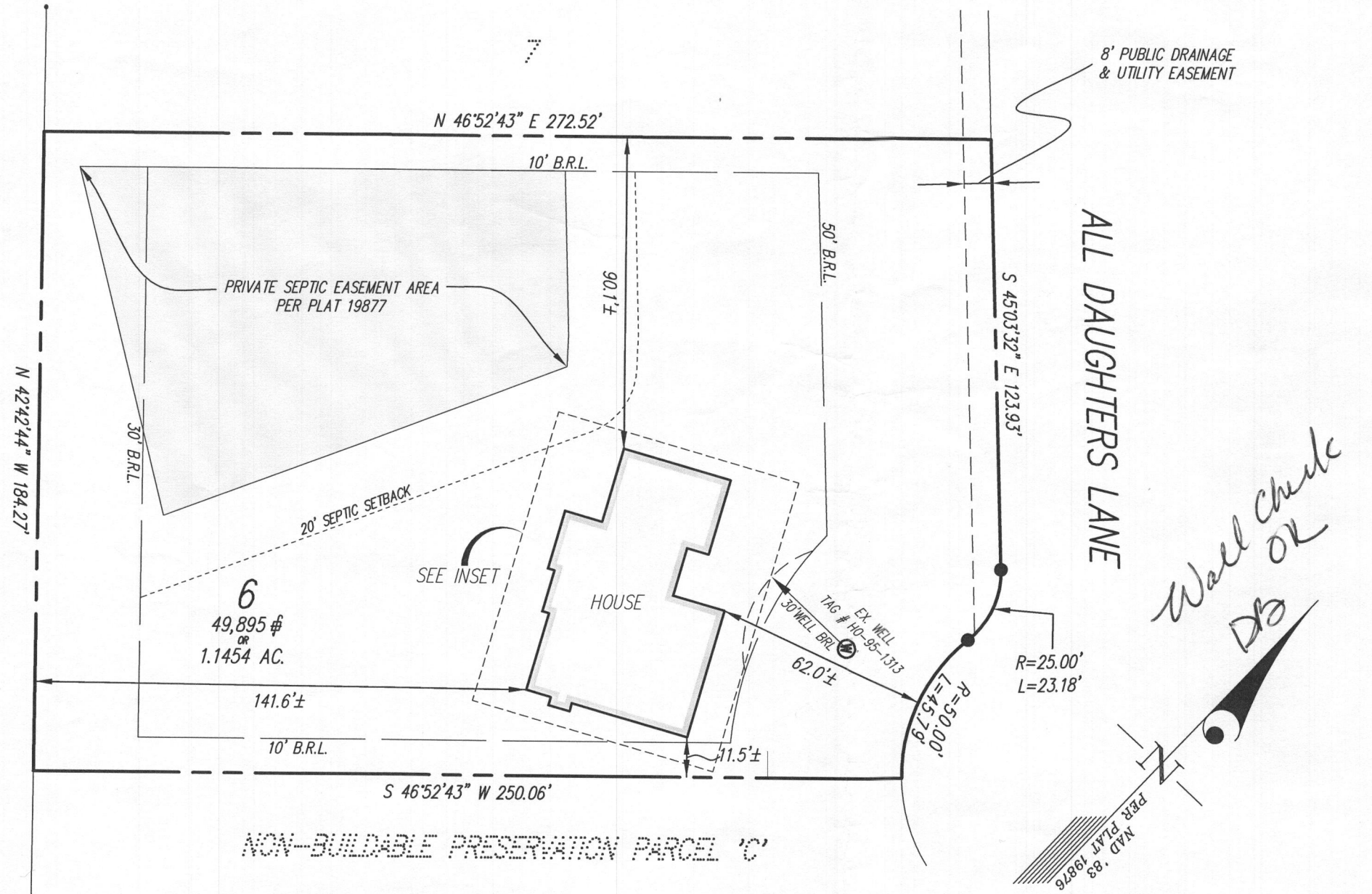
PRIVATE STORM WATER MANAGEMENT,
DRAINAGE AND UTILITY EASEMENT
(P.N. 19877)

ChB2

Signal Per Lot
3/8/16

EX. SEPTIC AREA

S:\Survey Drawings\WALLCHECK\ORCHARD-ESTATES-15112\WCK\15112WCK-6.dwg, 5/31/2018 2:18:50 PM, mcorganb, 1:1

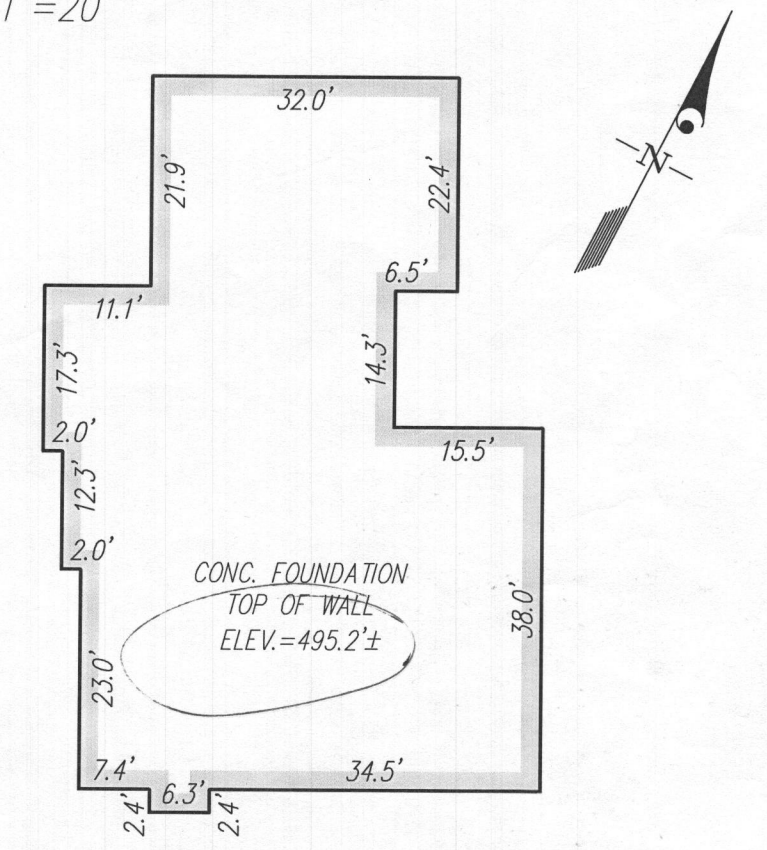


THIS WALLCHECK WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT. THIS PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS, RIGHTS-OF-WAY, COVENANTS, AND RESTRICTIONS, ETC. OF RECORD, SOME OR ALL OF WHICH MAY OR MAY NOT BE SHOWN AND/OR REFERENCED HEREON. BEARINGS AND DISTANCES OF THE PROPERTY BOUNDARY 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 PLOT PLAN/SEDIMENT CONTROL PLAN. SETBACK DISTANCES SHOWN HEREON ARE TO THE OUTERMOST FACE OF THE FOUNDATION WALLS AND HAVE AN ACCURACY OF ± 0.1' FOOT.

INSET: 1"=20'



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.

For Gutschick, Little and Weber, P.A. :
Thomas C. O'Connor, Jr.,
Professional Land Surveyor, No. 10954 (EXP. DATE: 07/03/2020)

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

WALLCHECK
(SPECIAL PURPOSE SURVEY)

ORCHARD ESTATES

LOT 6

12410 ALL DAUGHTERS LANE

HOWARD COUNTY, MD
DATE OF LATEST FIELD WORK: 5/30/2018
G.L.W. FILE No. 15112
REFERENCE : PLAT BOOK: N/A PLAT No. 19877 SCALE: 1"=40'

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. _____

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