

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: 06/23/2022 **ONSITE SEWAGE DISPOSAL SYSTEM** P 572052

APPROVAL DATE: 08/04/2022 **PERMIT: CONSTRUCTION** A _____

PROPERTY ADDRESS: 6049 BRICKER ROAD, DAYTON, MD 21036

SUBDIVISION: WILLOWSHIRE LOT: 43 TAX ID: 05-603031

CONTRACTOR: CHAVIS ENTERPRISES & SEPTIC SERVICES EMAIL: Ryan@chavisenterprisesllc.com

CONTRACTOR ADDRESS: 23 EAST ELLENDALE, BEL AIR, MD 21014 PHONE: (410)838-3007

PROPERTY OWNER: TOLL MID-ATLANTIC LP COMPANY, INC EMAIL: nbrandenburg@tollbrothers.com

OWNER ADDRESS: 250 GIBRALTER ROAD, HORSHAM, PA 19044 PHONE: (410)872-9165

SEPTIC TANK SIZE (GALLONS): 2000 TANK MANUFACTURER: Back River Pre-Cast, LLC

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

DISTRIBUTION SYSTEM: GRAVITY PRESSURE DOSED BEDROOMS: 6 APPLICATION RATE: 1.2

TRENCHES:	LINEAR FEET REQUIRED: <u>112</u>	INLET DEPTH: <u>2.5</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>6.0</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>2.5</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	INSTALL TWO (2) CLEANOUTS IN SHC, AS ILLUSTRATED.	

ISSUED BY: R BRICKER ISSUE DATE: _____ EXPIRATION DATE: _____

- 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

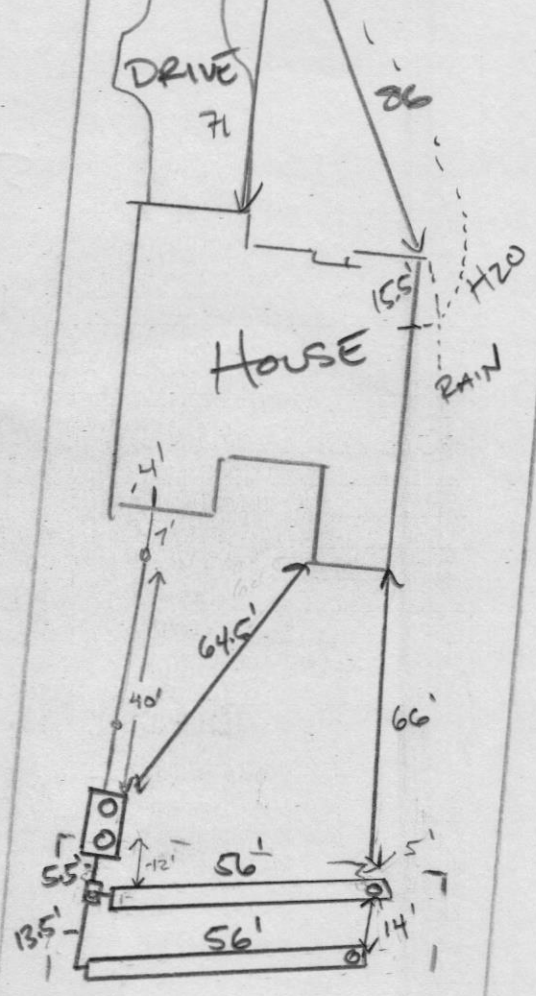
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

CALL 410-313-1771 TO SCHEDULE INSPECTIONS.

HO-18-0052

NOT TO SCALE



ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	2.5'	6'
NUMBER OF TRENCHES		2
TOTAL LENGTH		112 F
ABSORPTION AREA		336 SF + 3' SIDE WALL
DISTRIBUTION BOX LEVEL		SPEED
DISTRIBUTION BOX BAFFLE		LONG
DISTRIBUTION BOX PORT		YES

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	YES
MANUFACTURER	BACKRIVER OR EQ
CAPACITY	2000 GAL
SEAM LOC	TOP
TANK LID DEPTH	13'
BAFFLES	YES
BAFFLE FILTER	-
MANHOLE LOC	FRONT/BACK
6" PORT LOC	-
WATERTIGHT TEST	-
SLOTTED	YES
DATE ON LID	> 14 DAYS

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:

7/29/22 No OSDs found in file. Onsite for layout. Contractor had approved OSDS plan. Grout does not match OSDS. Adjusted trenches slightly should be OK w/o revisions. (KMM)

INSTALLATION:

7/29/22 S/T installed up to tank. Tank hole dry. Tank arrived later in the day. May stop back depending on time of day w/ other inspections (KMM) 08/01/2022 TANK SET (J) 08/02/2022 T/S COMPLETE (J) 08/04/2022 D BOX LEVELED w/ SPEED LEVELS (J)

FINAL INSPECTOR

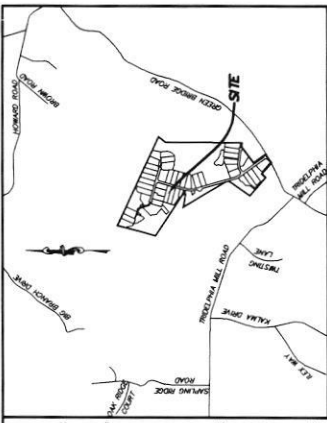
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DATE OF APPROVAL

08/04/2022

05-SF-AP-22-0164

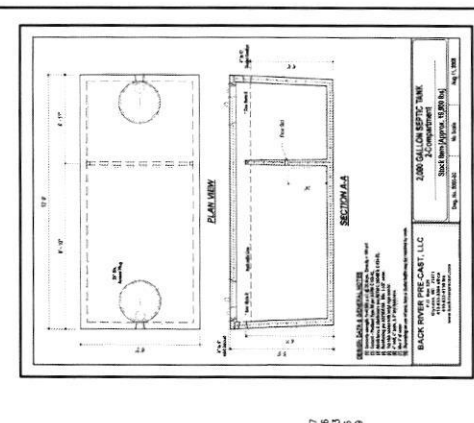
PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21328, EXPIRATION DATE 1/8/21.



VICINITY MAP
1" = 2000'
TAX MAP 27, GRID 18

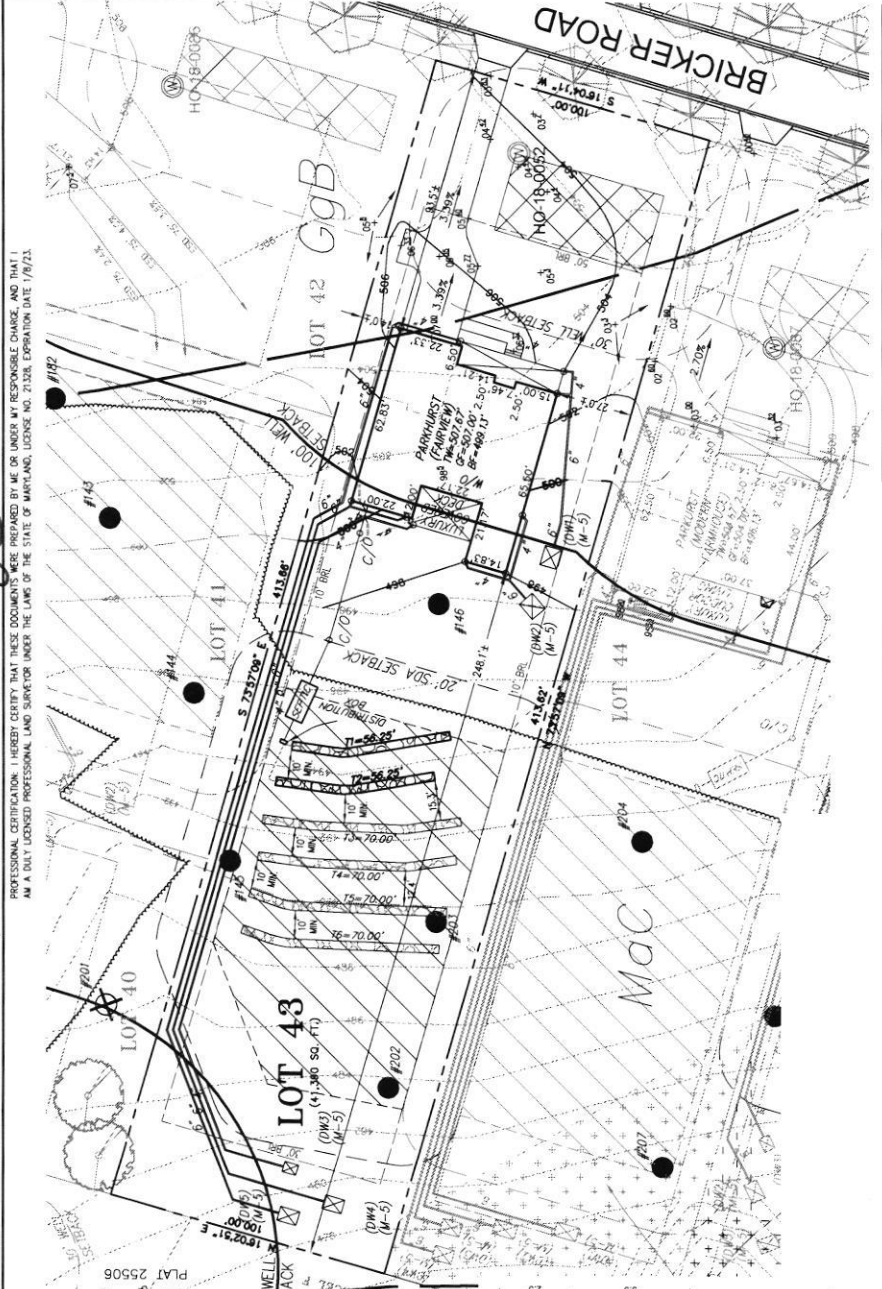
GENERAL NOTES:

- THESE AREAS DESIGNATE A PRIVATE SEWAGE AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE. THE SEWAGE DISPOSAL SYSTEM SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE SEWAGE DISPOSAL ACT AND THE REGULATIONS THEREUNDER. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES TO THE SEWAGE DISPOSAL ACT AND THE REGULATIONS THEREUNDER. A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.
- EXISTING WELLS, SEPTIC SYSTEMS, AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPOSED SEWAGE DISPOSAL AREA SHALL BE IDENTIFIED AND EITHER ABANDONED OR PROTECTED BY A PRIVATE SEWAGE AREA. ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED REGULATION CERTIFICATION PLAN.
- BUILDING SETBACKS (B.S.L.'S) SHOWN HEREON FOR SITE DEVELOPMENT PLAN SETBACK DISTANCES SHOWN HEREON AS "S" HAVE AN ACCURACY OF ±0.1' FOOT. ANY CHANGES 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.
- THE MAXIMUM EARTH COVER OVER THE TANK IS THREE (3) FEET. GREATER EARTH COVER WILL REQUIRE A HEAVY LOAD BEARING TANK.
- THE LOT SHOWN HEREON COMPLES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- THE EXISTING TOPOGRAPHY SHOWN HEREON IS FROM HOWARD COUNTY GS AND A TOPOGRAPHIC SURVEY PREPARED BY BOILER ENGINEERING ON 08/25/15 AND REVISED ON 09/03/15.



ESE CONSULTANTS
ENGINEERING • PLANNING • SURVEYING • ENVIRONMENTAL
ESE Consultants, Inc.
6731 Columbia Gateway Drive • Suite 120 • Columbia, MD 21046
T: 410-672-9106

DATE: 03/24/2022 SCALE: 1" = 30'
JOB NO: 4520 DWG NO: R.C.K.



SOILS LEGEND

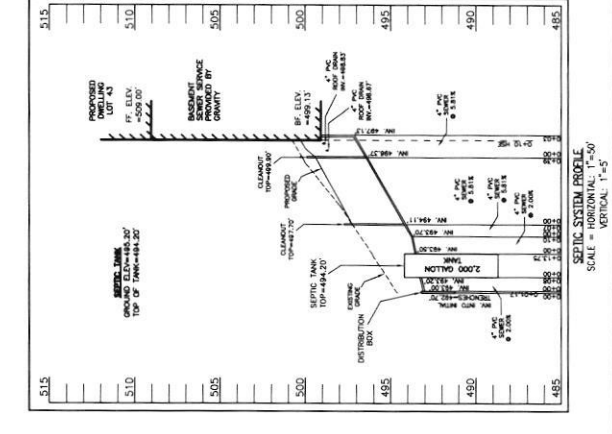
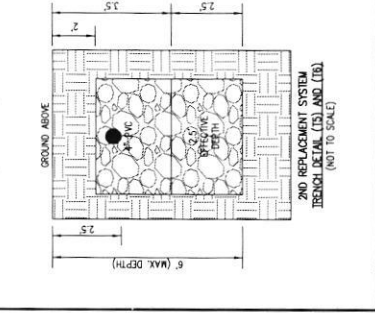
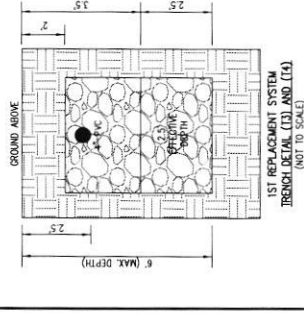
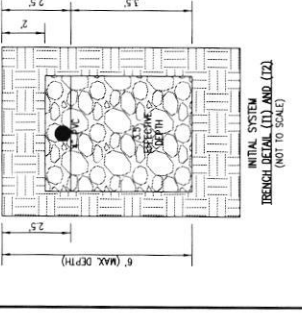
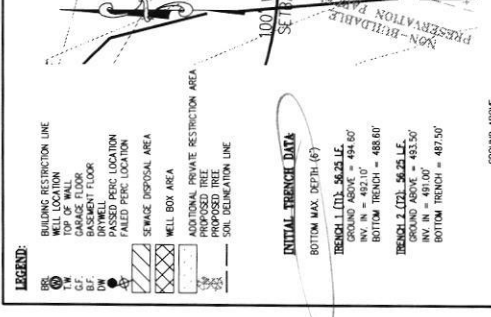
SOIL	NAME	CLASS	Kw
GGB	GLENEIG LOAM 3 TO 8 PERCENT SLOPES	B	28
MAC	MANOR LOAM 8 TO 15 PERCENT SLOPES	B	28

- HOUSE OPTIONS:**
- HOUSE TYPE: PARABOLIST (1/2/2/2)
 - FINISHED LOWER LEVEL
 - ADDITIONAL BATH FINISHED LOWER LEVEL
 - DAYLIGHT WINDOW/WELL
 - MEGA ROOM
 - WET BAR ROUGH-IN
 - MULTI-GEN SITE ADDITION
 - FINISHED BASEMENT - BEDROOM
 - LUNARY COVERED DECK

WELL LOCATION CERTIFICATION:

THE EXISTING WELL SHOWN FOR LOT 43 (TAG NO. HO-18-0002) HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN HEREON.

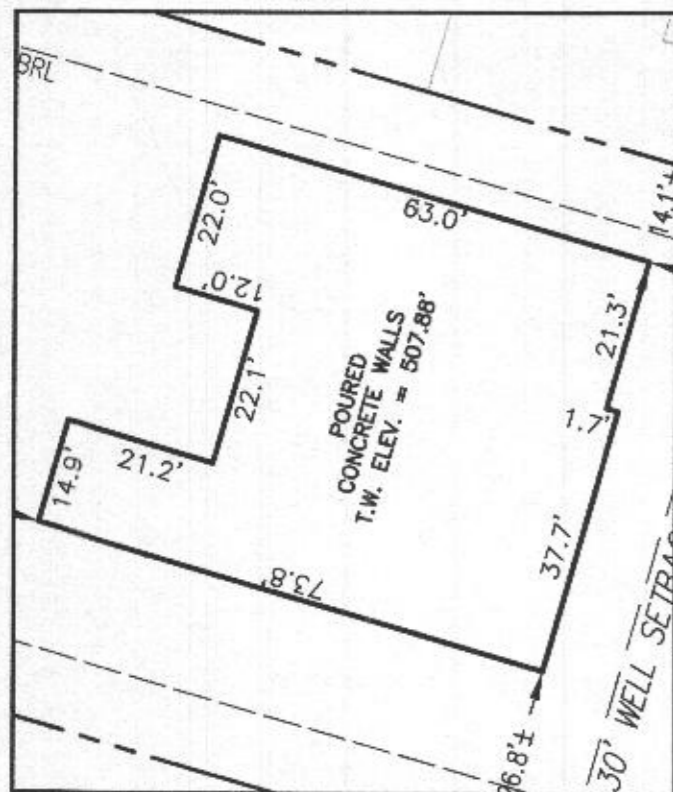
ON-SITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN
LOT 43
MILLOWSHIRE
LIBER 18479, FOLIO 296
ELECTION DISTRICT NO. 5
HOWARD COUNTY, MARYLAND
ADDRESS: 6049 BRICKER ROAD
DAYTON, MARYLAND 21036



PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE 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. 21328, EXPIRATION DATE 1/8/23.

LEGEND:

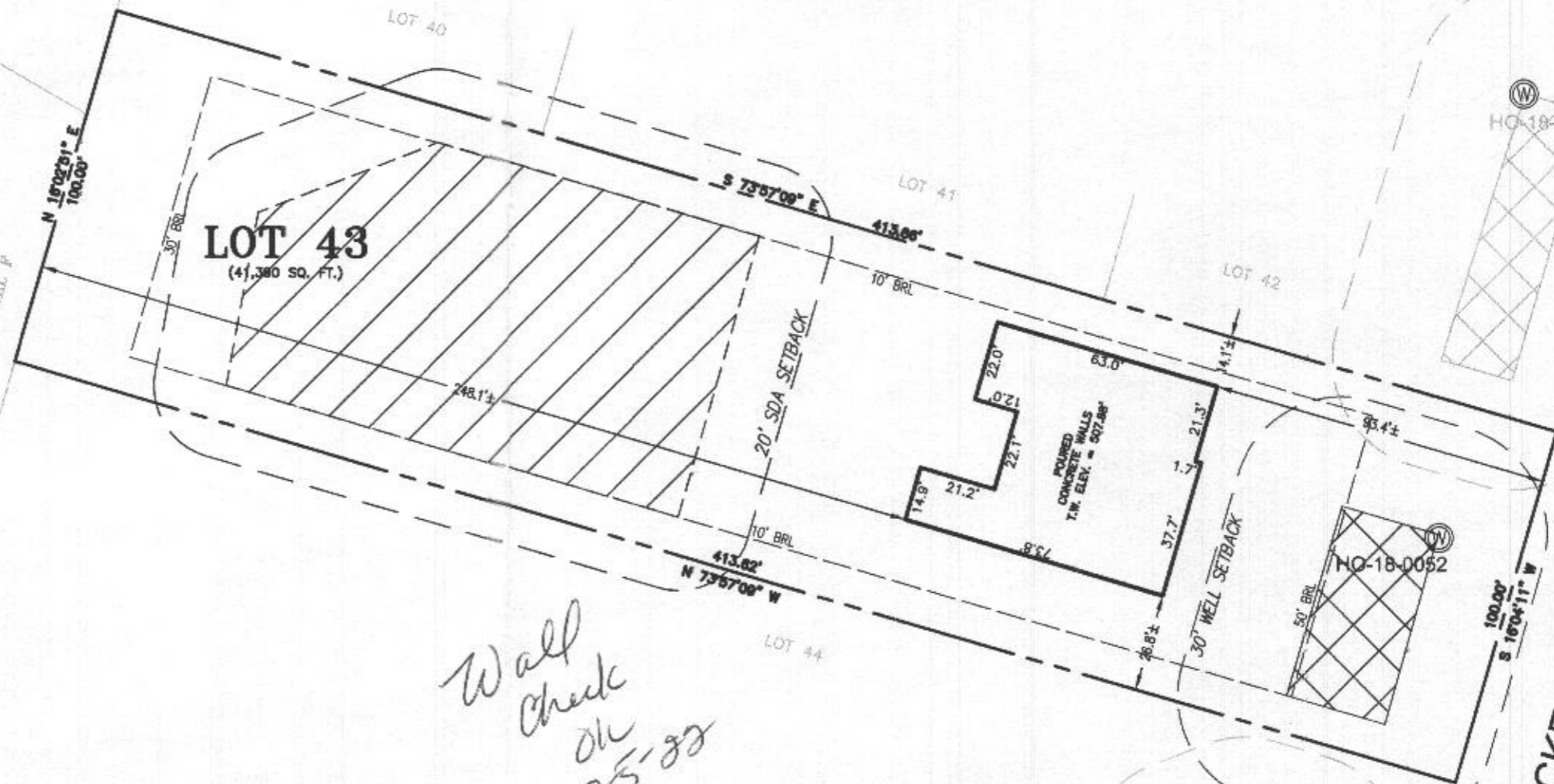
- BRL BUILDING RESTRICTION LINE
- W WELL LOCATION
- T.W. TOP OF WALL
- SEWAGE DISPOSAL AREA
- WELL BOX AREA



HOUSE ENLARGEMENT
NOT TO SCALE

PLAT 25506

NON-BUILDABLE
PRESERVATION PARCEL P



*Wall
check
OK
7-5-88*

WELL NUMBER: HO-18-0052
ADDRESS: 6049 BRICKER ROAD
DAYTON, MD 21036
PERMIT NO.: B22000802

BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER SITE DEVELOPMENT PLAN
SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±0.1' FOOT.

SURVEYOR'S CERTIFICATE

THIS WALLCHECK WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT. THIS PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS, RIGHT-OF-WAYS, 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.

Michael Joe Boyce 21328 6/20/22
SIGNATURE: MICHAEL JOE BOYCE MD. LIC NO. DATE

WALLCHECK
LOT 43
WILLOWSHIRE
LIBER 18479, FOLIO 296
PLAT NO. 25506
5th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

ESE CONSULTANTS

ENGINEERING • PLANNING • SURVEYING • ENVIRONMENTAL

ESE Consultants, Inc.
6731 Columbia Gateway Drive • Suite 120 • Columbia, MD 21046
T: 410-872-9105

DATE: 06/20/2022 SCALE: 1" = 40' FILE: WC LOT 43
CHK'D: M.J.B. JOB NO: 4520 DRAWN: V.X.P.

