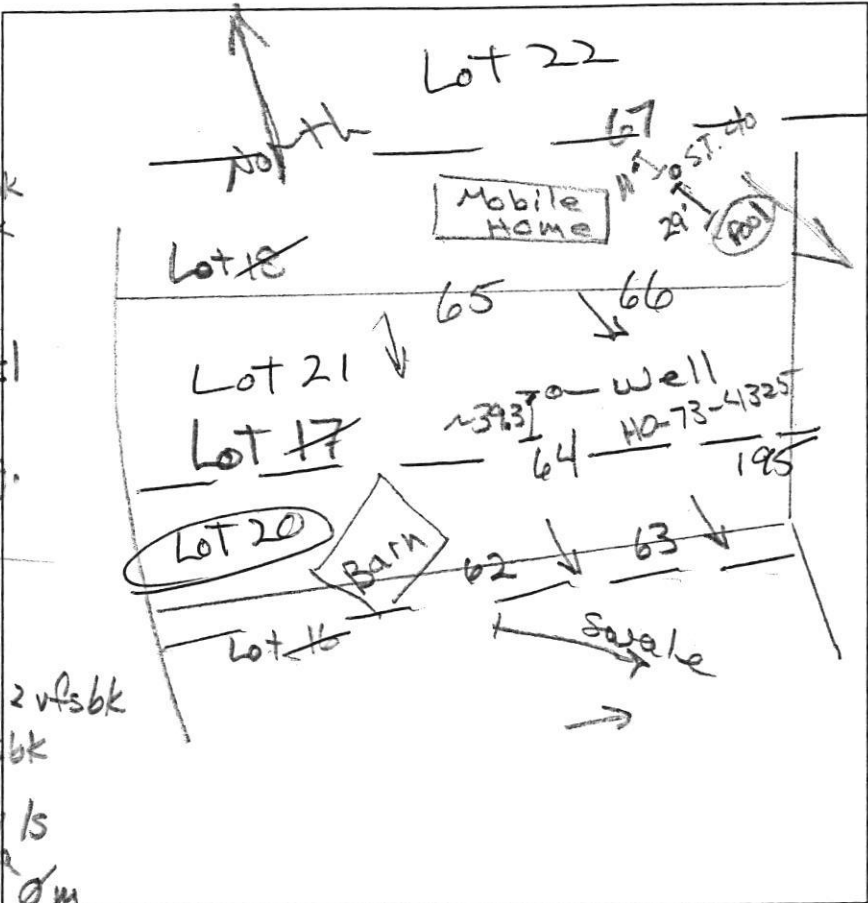


A/P

(64)

0.3' dk brn L, 2fg
 1.5' brn L, 2msbk
 3.5' brn L, 1msbk
 6.5' yel-brn sl
 Øm, dense
 14.3' yel-brn vstsl
 Øm, dense
 6.5' bra ls, Øsg.
 many mica



(62)

0.3' blk muck
(bar-nyard)
 1.2' brn L
 sbk, ss
 2.5' brn L, 3esbk
 0.3' (pale brn)
 3.7' red & brn
 sl, Øm, many
 mica
 5' red chs, Øsg.
 many mica
 12' pale brn lfs
 Øm, many
 mica
 13' pale brn
 lfs, thick
 plates
 many mica

(65)

0.3' dk brn vgr L, 2vtsbk
 0.8' brn sl, 1msbk
 many mica
 10' red & yellow ls
 common mica
 m3p (blk), Øm
 14' H. brn chls
 thick platy
 many mica

(63)

1.2' brn L
 2.5' yel-brn
 sl
 6' H. brn & pale
 yellow
 chs, medium
 platy
 many mica
 14.3' pale yellow
 lfs, many mica

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
10/23/14	64	8' / 14.3'	12:06	12:08	12:12	4	P
10/23/14	65	4' / 14'	12:16	12:18	12:21	3	P
10/23/14	66	4.4' / 13'	12:25	12:27	12:29	2	P
10/23/14	62	6' / 14.7'	12:41	12:43	12:45	2	P
10/23/14	63	14.3'	Visual	sidewall 2.5-6'		1.2 gpd/c+2'	P

(Ldo)

0.3' dk brn L
 2fg
 0.8' brn sl
 1msbk
 few mica
 0.8' yel-brn ls
 Øsg few mica
 2.5' alternating
 layers
 pale red ls
 many mica
 patch yellow
 few mica
 8.3' H. brn & yel-red chls, thin platy 13'

REMARKS _____
 SANITARIAN R Bricker BACKHOE Hotfield's (Bonnie) OTHERS B. Rowe
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

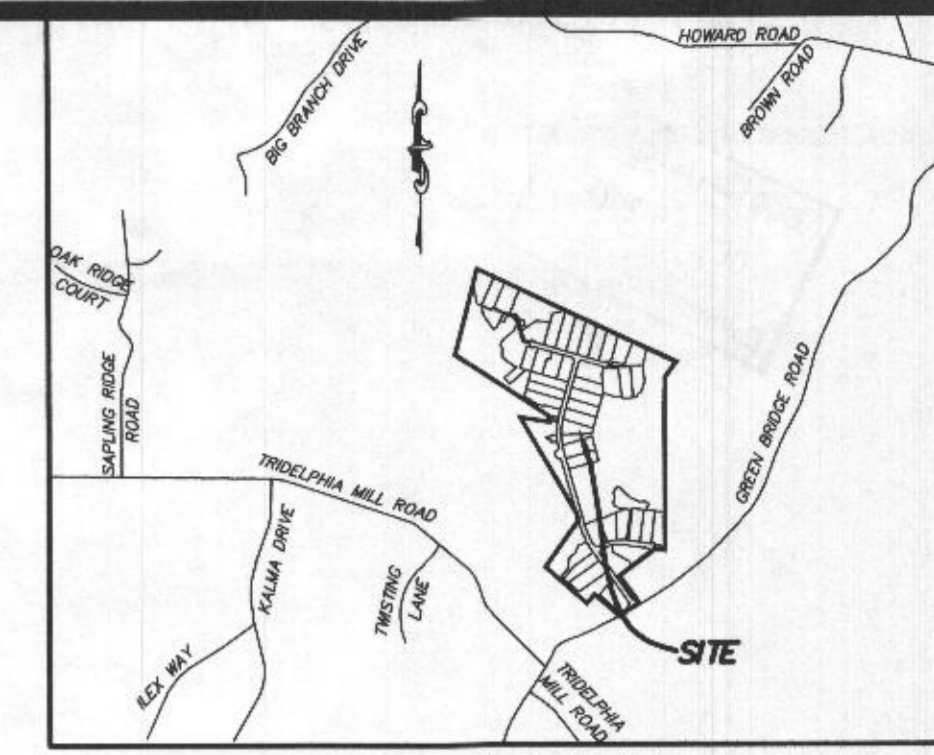
Lot 17

PURPOSE NOTE:

THE PURPOSE OF THIS REVISED PERCOLATION CERTIFICATION PLAN IS TO REVISE THE SEWAGE DISPOSAL AREA (SDA) AND WELLBOX AREA FOR LOT 17 TO ALLOW FOR HOUSE.

SOILS LEGEND

SOIL	NAME	CLASS	Kw
MaC	MANOR LOAM, 8 TO 15 PERCENT SLOPES	B	.28
MaD	MANOR LOAM, 15 TO 25 PERCENT SLOPES	B	.28



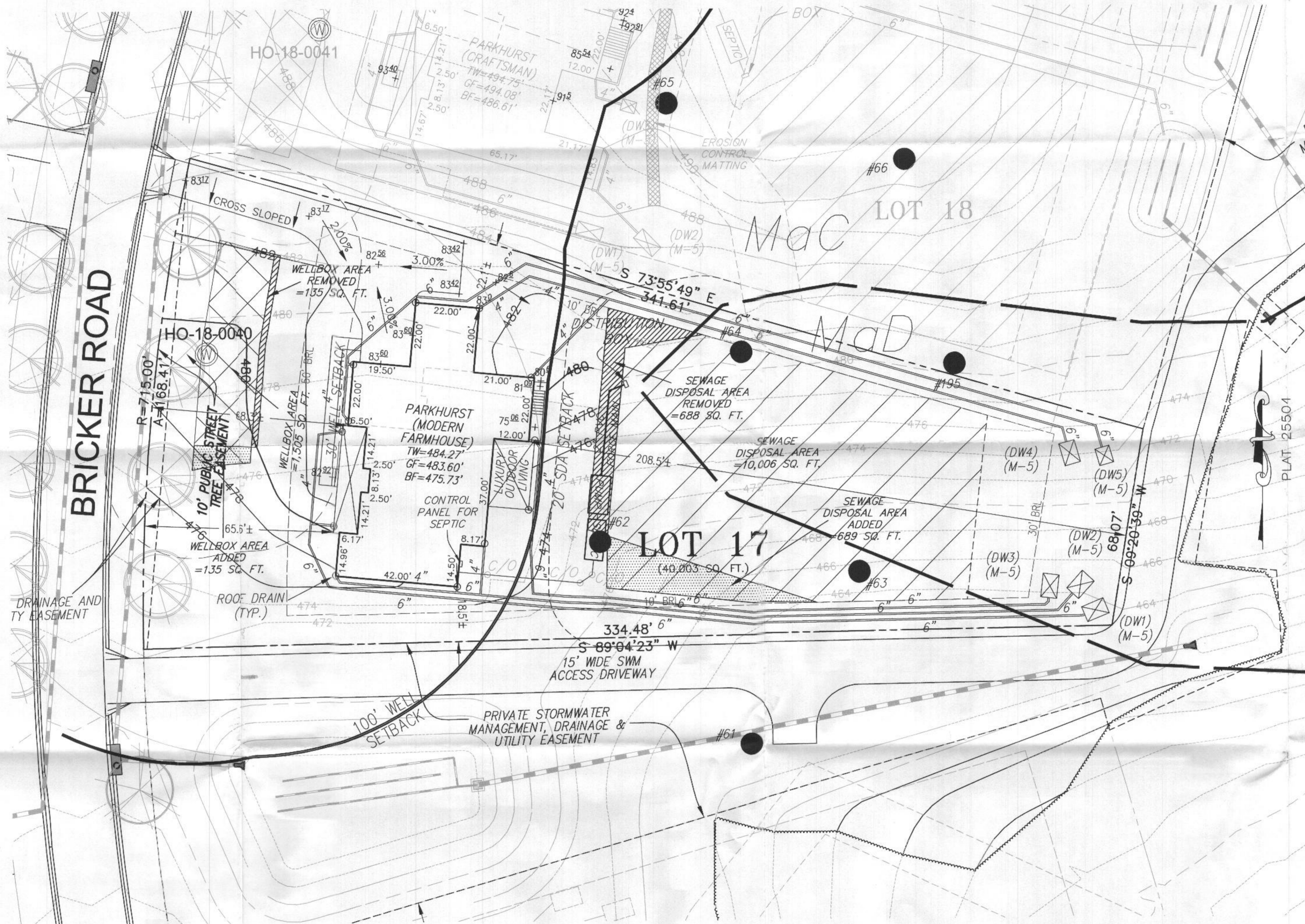
VICINITY MAP
1" = 200'
TAX MAP 27, GRID 18

LEGEND:

- PROPOSED DRYWELL LOCATION
- BOUNDARY/RIGHT OF WAY LINE
- BUILDING RESTRICTION LINE
- PROPOSED CURB
- EXISTING WELL
- PASSED PERC
- SOIL TYPE (TYP.)
- WELL BOX
- SEWAGE DISPOSAL AREA
- PROPOSED TREES

GENERAL NOTES:

1. THIS AREA DESIGNATES A PRIVATE SEWAGE AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE AREAS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA. RECORDATION OF MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.
2. ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
3. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
4. THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY'S BOUNDARIES EXCEPT THAT WHICH ARE SHOWN.
5. HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
6. EXACT LENGTH OF SEPTIC TRENCHES IS TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF TRENCH LAYOUT AND INSPECTION.
7. TOPOGRAPHY SHOWN HEREON IS FROM HOWARD COUNTY GIS AND A TOPOGRAPHIC SURVEY PREPARED BY BOHLER ENGINEERING ON 08/25/15 AND REVISED ON 09/03/15.
8. WELL SHOWN HEREON WAS LOCATED AND FIELD VERIFIED BY ESE CONSULTANTS, INC. ON 01/14/2021.



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

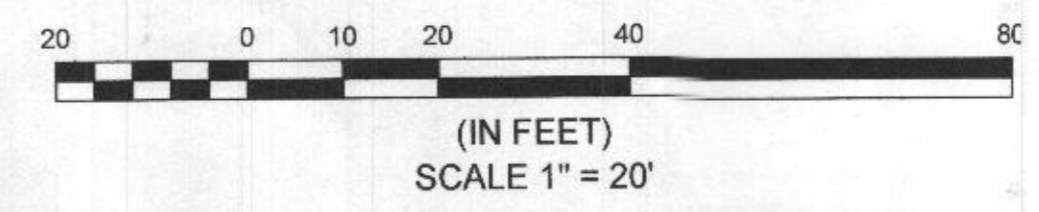
PERC CERTIFICATION
I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD LOCATIONS PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND ARE CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

MICHAEL JOE BOYCE
PROFESSIONAL SURVEYOR FOR ESE CONSULTANTS, INC.
MD. LICENSE NO. 21328, EXPIRES 1/8/23
DATE: 10/11/21

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER
DATE: 11/21

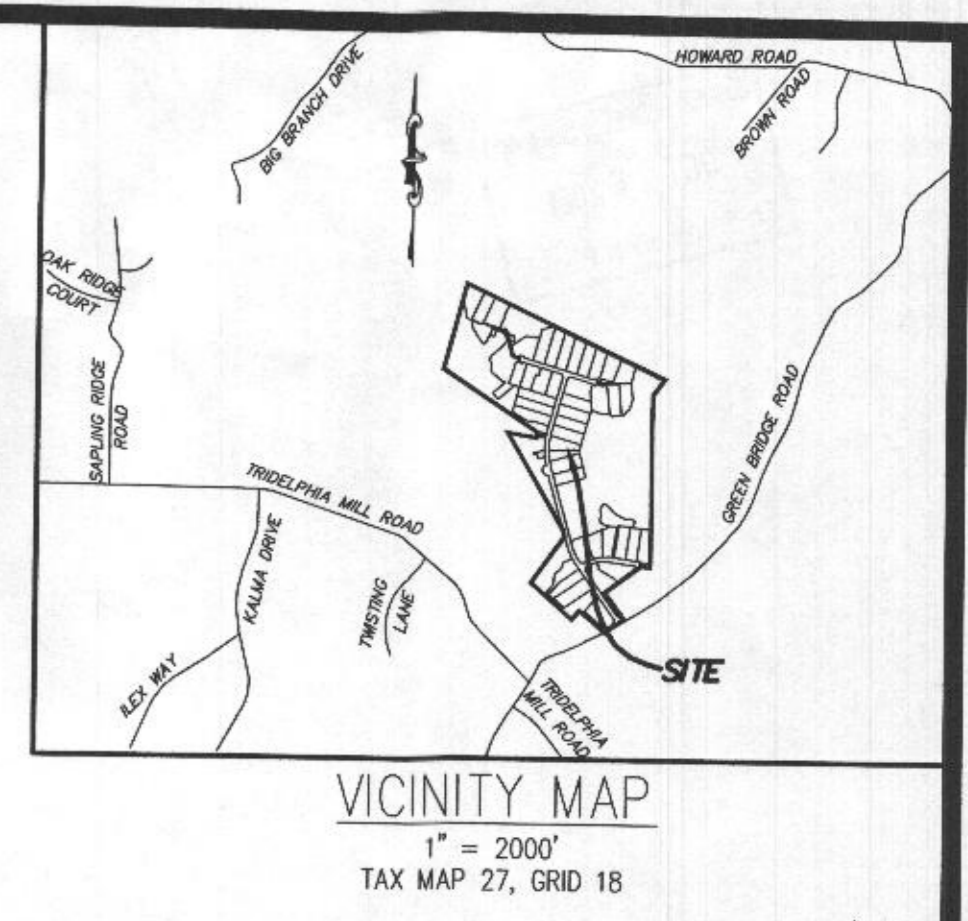
ESE CONSULTANTS
ENGINEERING • PLANNING • SURVEYING • ENVIRONMENTAL
ESE Consultants, Inc.
6731 Columbia Gateway Drive • Suite 120 • Columbia, MD 21046
T: 410-872-9105



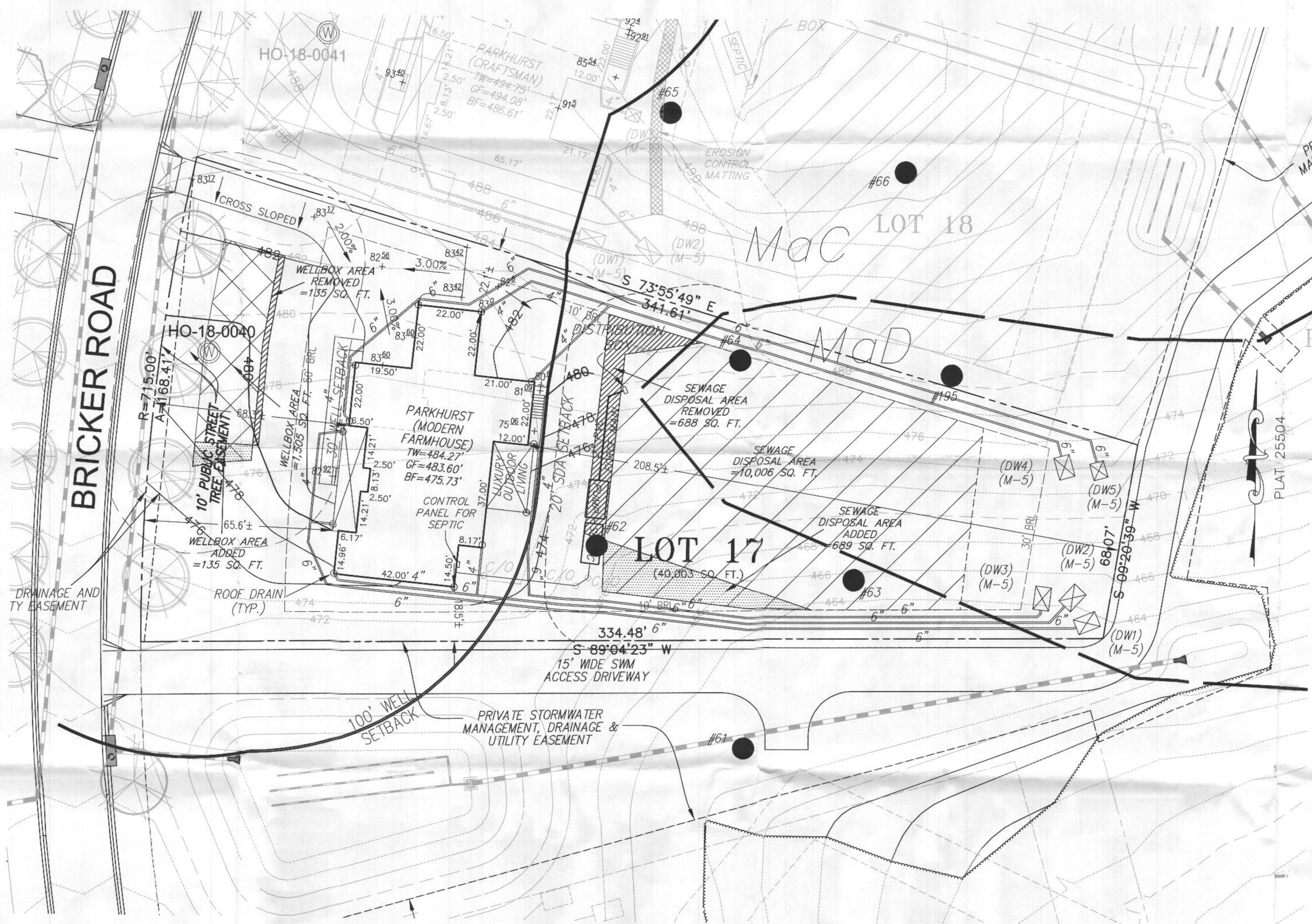
REVISED
PERCOLATION CERTIFICATION PLAN
WILLOWSHIRE
LOTS 1-45
BUILDABLE PRESERVATION PARCEL C,
NON-BUILDABLE PRESERVATION PARCELS A, B, D, E, F, G & L-P
NON-BUILDABLE PARCELS H-K
LOT 17
LIBER 18479, FOLIO 296
AS SHOWN ON PLAT NO. 25504
ZONED: RR-DEO
TAX MAP: 27, GRID: 18, PARCEL: 36
6034 BRICKER ROAD, DAYTON, MD 21036
5th ELECTION DISTRICT - HOWARD COUNTY, MARYLAND
SCALE: 1" = 20' DATE: AUGUST 2021

PURPOSE NOTE:
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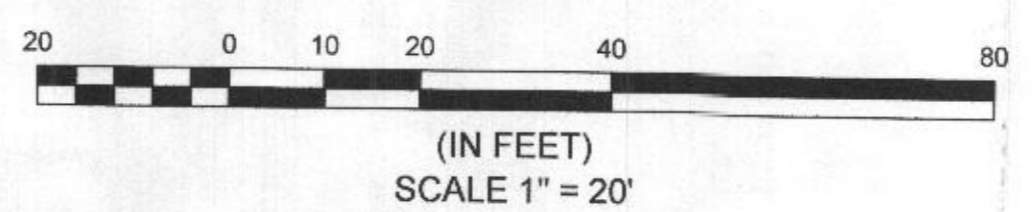


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 Michael Joe Boyce
 PROFESSIONAL SURVEYOR FOR ESE CONSULTANTS, INC.
 MD. LICENSE NO. 2138, EXPIRES 1/8/23
 DATE: 10/11/21

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER
 DATE: 11/11/21

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