

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

APPLICATION
FOR PERCOLATION TESTING AND SITE EVALUATION

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME Linden Chapel Woods Lot 3
PROPERTY ADDRESS 5178 Ten Oaks Rd Clarksville MD 21029
STREET TOWN ZIP

TAX ACCOUNT # 05-368316 TAX MAP 28 GRID 14 PARCEL 127 LOT NO. 3 PROPOSED LOT SIZE (ACRES) 2.4c
ZONING CATEGORY RR-DEOTIER III

PROPERTY OWNER(S) Park Brothers LLC
DAYTIME PHONE 443-829-9222 CELL 443-829-9222 EMAIL safterburne@therainmakergroup.com
MAILING ADDRESS 5200 Ten Oaks Rd Clarksville MD 21029
STREET CITY, STATE ZIP

APPLICANT Same RELATIONSHIP TO OWNER: _____
DAYTIME PHONE _____ CELL _____ EMAIL _____
MAILING ADDRESS _____
STREET CITY, STATE ZIP

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S):

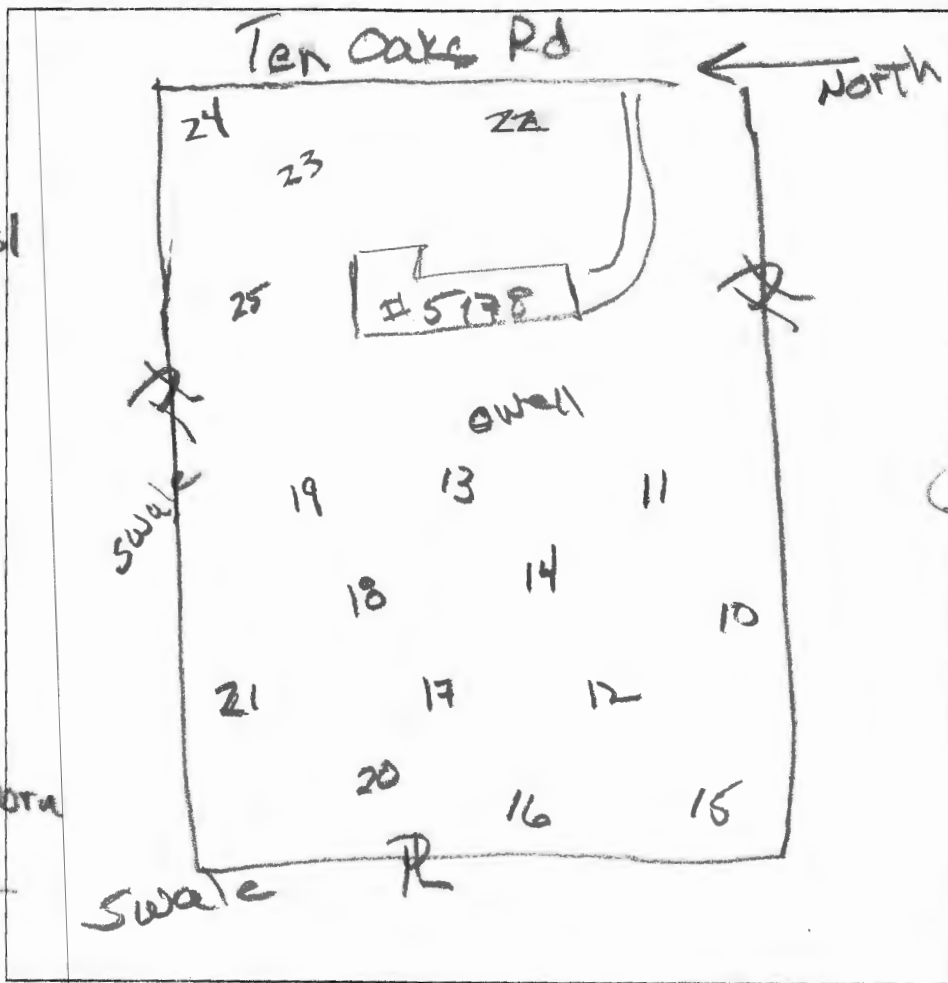
- PROPERTY:
- SUBDIVISION: NUMBER OF LOTS INCLUDING RESIDUE: _____
 - SUBDIVISION CLASSIFICATION (PER DEPT. OF PLANNING AND ZONING) MAJOR MINOR
 - CONSTRUCT NEW OSDS ON UNDEVELOPED LOT
 - REPAIR OR REPLACE FAILING OSDS
 - UPGRADE EXISTING OSDS
- BUILDING:
- RESIDENTIAL WITH unknown EXISTING OR PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE
 - COMMERCIAL (PROVIDE DETAIL OF TYPE OF USE AND NUMBERS OF EMPLOYEES/CUSTOMERS ON ACCOMPANYING PLAN)
- IS THE PROPERTY WITHIN 2500 FEET OF ANY RESERVOIR?
- YES
 - NO

AS APPLICANT, I UNDERSTAND THE FOLLOWING:

- THIS APPLICATION IS VALID FOR TWO(2) YEARS FROM DATE OF FEE PAYMENT AND APPROVAL IS BASED UPON HEALTH OFFICER SIGNATURE OF A PERC CERTIFICATION PLAN PRIOR TO EXPIRATION OF THIS PERMIT.
- THE APPLICATION FEE IS NON-REFUNDABLE
- THIS APPLICATION MUST BE ACCOMPANIED BY ALL APPLICABLE FEES AND A SUITABLE SITE PLAN IN ORDER TO BE PROCESSED
- THIS IS A PUBLIC DOCUMENT

I declare and affirm that to the best of my knowledge, the information contained herein is correct. I declare that I am the owner of the property or duly authorized to make this application on behalf of the owner. I agree to comply with all applicable state and county regulations.
By signature of this application, I hereby grant Howard County Health Department officials the right to enter onto the property for the purpose of inspecting the property as directly related to the requested permit/service.

[Signature] 9/28/20
SIGNATURE OF APPLICANT DATE



20 & 21
 dk brnsl
 & grey-brnsl
 0.3' red-brnsl
 2.7' yel-red
 & pale brn sl
 4.7' flls.
 grey &
 brn grey
 6' water

10
 dk grey-brn
 sl, 10' sbk
 to 1' sbk
 0.5' lt. brnsl
 2' msbk
 1.5' yel-red sl
 2' msbk
 3' yel-red ls
 1' thick platy
 6' lt. brn &
 grey-brn
 1/5 common
 mica
 12'

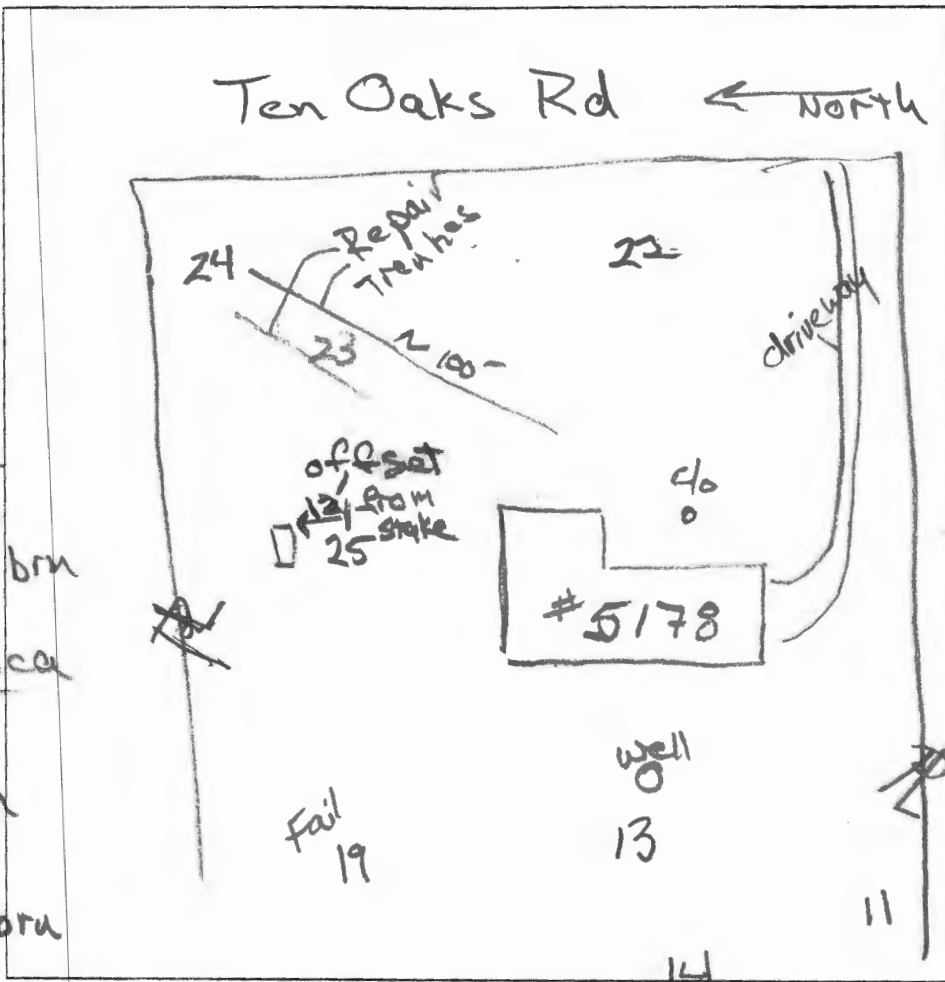
15 & 16
 dk brnsl
 3' f sbk
 grey-brnsl
 2' sbk
 0.7' brn l
 2' msbk
 2' red-brn
 ch sl, msbk
 2.5' yel-red
 ch sl
 platy
 6.5' red-brn
 v flls, platy
 35-45% sbk
 8' R
 v flls
 rock > 50%
 #16, similar
 profile
 8.5' R
 v flls
 rock > 50%

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
11/9/20	20	6'	Visual			water seeps	F
11/9/20	21	6'	Visual			water seeps	F
11/9/20	10	3 1/2'	∅	1.7	5	3.3	P
11/9/20	15	3 7/8'	∅	3.5	11	7.5	P
11/9/20	16	3 7/8.5'	∅	1.7	4.3	2.6	P

REMARKS _____
 SANITARIAN R Bricker BACKHOE Ja A. Justin OTHERS Scott Arterburn
& Jose
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

25

Ten Oaks Rd ← North



- 0.7' dk. brn sl, 3' ssk
- 1.7' brn sl, 2' ssk
- 3.3' red-brn L 2' ssk to 1' ssk
- 4.0' yel-red vch sl dense
- 4.0-5.0' rock
- 7.0' brn & grey sl & yel-red ls, platy
- 10.5' water
- (22)
- dk brn & brn sl, 2' ssk
- 1' brn L 2' ssk
- 1.2' yel-red L 2' ssk, ss
- 1.8' yel-red sl 1' ssk, ss
- 2.4' red-yel & dk grey-brn ls, dense
- 4.1' yel-red ls, platy, many mica
- 8' red-yel & dk grey-brn ls, platy, many mica
- 12'

- 11 #14
- 0.3' dk brn sl 2' ssk
 - 1.5' pale brn sl 3' ssk
 - 3' red-brn L 3' ssk
 - 3' yel-red vch sl, dense thin platy
 - 6.5' brn & grey-brn chls common mica
 - 12'

- 13
- 0.8' dk brn & brn sl, 0' m
 - 2' brn & red-brn L, 2' mpr
 - 2' yel-red sl thin platy dense
 - 4.4' yel-red ls thin platy
 - 7' brn & h. brn ls, thin platy
 - 12'

#24
Similar to #22
End of Trench Exposed clean dry gravel.

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
11/9/20	14	4 1/2'	1:20	1:30+	no movement	reshelf	
reshelf	14	5.5' / 12'	1:52	1:59	2:14	15	P
11/9/20	11	12'	Visual		4'-8" sidewall	0.89 gpd / 0.3'	P
11/9/20	13	7 1/2'	2:12	2:17	2:27	10	P
11/9/20	25	4.8' / 10.5'	2:44	slow perc	reshelf		
reshelf	25	7.5' / 10.5'	3:08	3:35	4:05	>30	F
11/9/20	22	6 1/2'	3:38	3:40	3:44	4	P
Did Not Dig #23 or #26							
#24 & #23 on path of existing repair trenches							

REMARKS 100-ft Trench ends 11' before #24 stake

SANITARIAN R Bricker BACKHOE Jack, Justin & Jose OTHERS Scott Arterburn

TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

See Sketches on
Other sheets

12'
0.2' dk brn sl
2 vsbk
1' pale brn sl
1 vsbk
1' red-brn L
2 vsbk
2.3' yel-red chsl
platy
3' yel-red chls
platy m2p (dk brn)
7' grey-brn & brn
chls, platy
12'

10'
0.5' dk grey-brn sl
1 vsbk to 1 fsbk
1.5' lt. brn sl, 2 vsbk
3' yel-red sl, 2 vsbk
6.5' yel-red ls
thick platy
12' lt. brn & grey-brn
ls, common mica

17'
2' dk brn sl, 2 vsbk
pale brn sl
1 fsbk
2' brn L, 2 vsbk
3' brn sl, 1 vsbk
3' yel-red ls
& lt brn ls
Thin platy
1' many coarse mica
7' brn & grey-brn
12'

18'
0.6' dk brn
to grey-brn
sl, 2 vsbk
1.4' lt. brn L
2 vsbk
2.6' red-brn L
2 vsbk
3' yel-red sl
common
platy mica
9.5' yel-red ls
platy
15' m2p (red)
m2p (dk brn)
water

19'
0.8' dk grey-brn
sl, 1 fsbk
1.8' lt brn L
3 vsbk
4' yel-red L
2 vsbk
9' red-yel ls
on m2p (pale
brn)
dk grey-brn
ls m2p (red)
m2p (dk brn)
water

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
11/9/20	12	12'	Visual	2' - 8'	2' - 8'	2	P
11/9/20	10	3' / 12'	0	1.7	5.0	3.3	P
11/9/20	17	4.5' / 12'	0	1.3	3.5	2.2	P
11/9/20	18	5' / 9.5'	12:20	12:22	12:25	3	P
11/9/20	19	4.5' / 9'	12:44	1:20			F

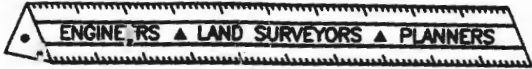
REMARKS _____

SANITARIAN R. Bricker BACKHOE Jack (Jason) & Jose OTHERS S. Afterburn

TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

BENCHMARK



ENGINEERING, INC.

8480 Baltimore National Pike • Suite 315 • Ellicott City, Maryland 21043
 410-465-6105 410-465-6644 (Fax)

LETTER OF TRANSMITTAL

TO: Howard County
Health Dept
Well - Septic Program

DATE	<u>9/30/20</u>	PROJECT No.	<u>276</u>
ATTENTION	<u>SEF Williams</u>		
RE:	<u>Linden Chapel Woods</u>		
	<u>Lot 3</u>		
	<u>5178 Ten Oaks Rd</u>		
	<u>Per Testing</u>		

WE ARE SENDING YOU Attached Under separate cover via _____ the following item

- | | | | |
|---|-----------------------------------|---------------------------------------|--------------------------------------|
| <input type="checkbox"/> Photocopies | <input type="checkbox"/> Prints | <input type="checkbox"/> Originals | <input type="checkbox"/> Samples |
| <input type="checkbox"/> Specifications | <input type="checkbox"/> Invoices | <input type="checkbox"/> Change Order | <input type="checkbox"/> Other _____ |

COPIES of	No. of SHEETS	DESCRIPTION
<u>1</u>	<u>1</u>	<u>Application</u>
<u>3</u>	<u>1</u>	<u>Test plan</u>
<u>1</u>	<u>-</u>	<u>Check # 116 \$ 506⁰⁰</u>

THESE ARE TRANSMITTED as checked below

- | | | |
|--------------------------------------|---------------------------------------|--|
| <input type="checkbox"/> For Comment | <input type="checkbox"/> For your use | <input type="checkbox"/> For Approval |
| <input type="checkbox"/> For Review | <input type="checkbox"/> As requested | <input checked="" type="checkbox"/> Other <u>Testing</u> |

REMARKS: please email the receipt to:
icarney@bei-civilengineering.com and
sarterburn@therainmakergroup.com

COPY TO: _____

RECEIVED BY: _____

SIGNED: John Carney

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



HOWARD COUNTY HEALTH DEPARTMENT

7237

DATE 10/20/80

Received From

Lark Brothers LLC

PHONE #

444-465-6105 PS

For

Peru App / Lot 3

5178 Ten Cents Col.

- CASH
- CHECK

NO. 118

Five hundred and no/100

Dollars

\$506.00

Received By

King



HOWARD COUNTY HEALTH DEPARTMENT

72820

DATE: 10/20/80

Received From

Park Brothers Ltd. PHONE # 410/465-6105 PS

For

Peru App/ lot 3
5178 per copy
K.C.

CASH

CHECK

NO.

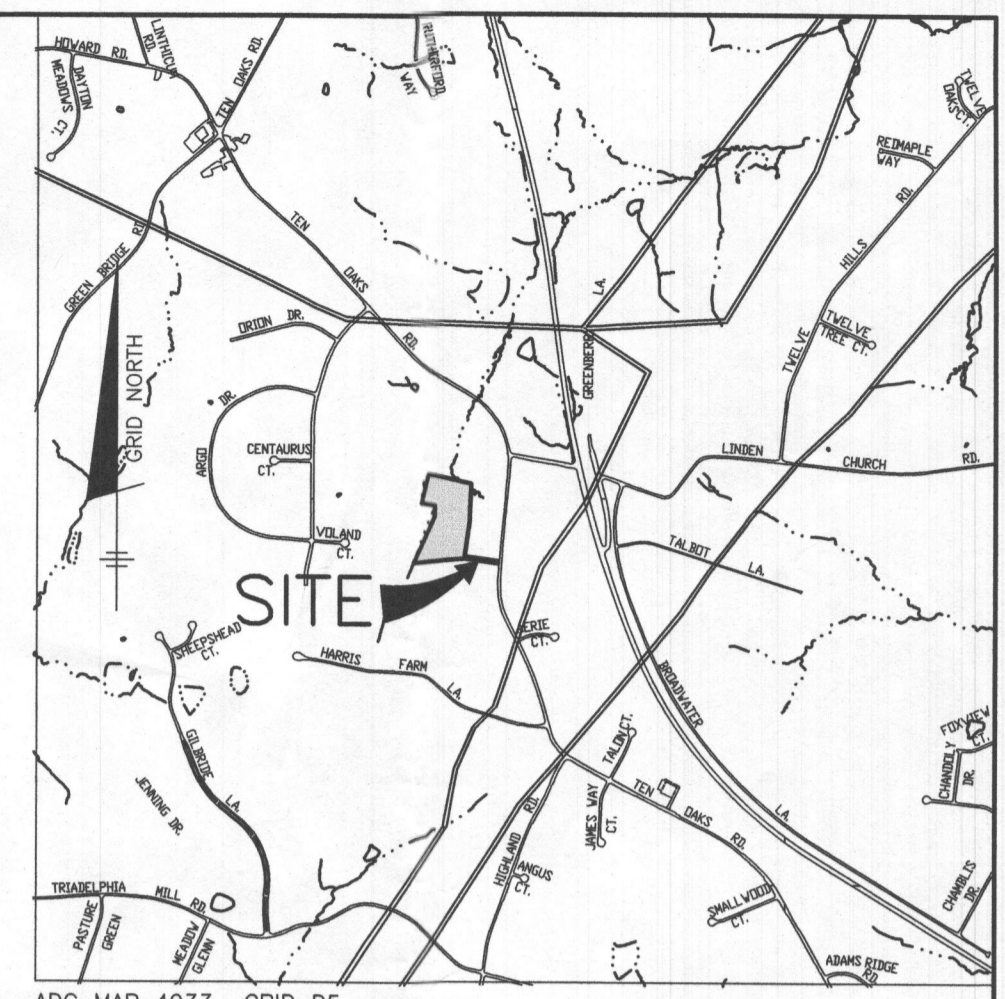
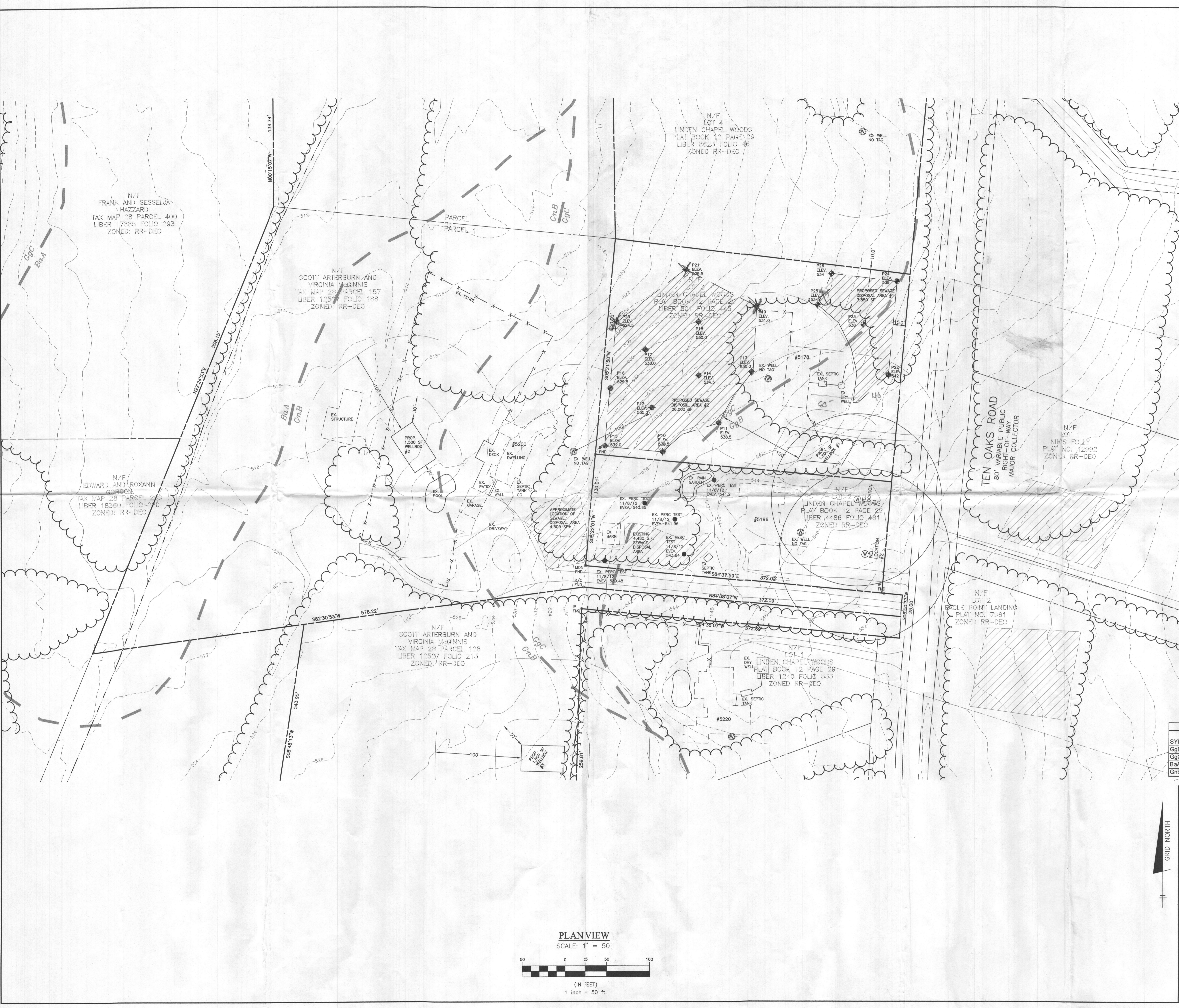
118

Five hundred and no _____ Dollars

\$500.00

Received By

Akins



ADC MAP 4933 GRID D5
LEGEND VICINITY MAP
 SCALE: 1" = 2000'

- PROPERTY BOUNDARY
- ADJACENT PROPERTY BOUNDARY
- EXISTING CONTOUR LINES
- SOIL DELINEATION
- EXISTING BUILDING
- EXISTING TREELINE
- STREAM
- POND
- EXISTING SEWAGE DISPOSAL AREA
- PROPOSED SEWAGE DISPOSAL AREA
9,400 SQ. FT.
- PROPOSED PERC TEST LOCATION
- EXISTING WELL (NO TAG #)
TO BE ABANDONED

GENERAL NOTES

1. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
2. THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA 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 SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE DISPOSAL AREA. RECORDED OF A MODIFIED SEWAGE EASEMENT PLAN SHALL NOT BE REQUIRED.
3. TOPOGRAPHY SHOWN IS BASED ON HOWARD COUNTY GIS AND SHALL BE VERIFIED BY BENCHMARK ENGINEERING, INC. AT TIME OF PERC TEST STAKEOUT.
4. TO THE BEST OF OUR KNOWLEDGE, ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELL AND/OR SEPTIC HAVE BEEN SHOWN.
5. THE PURPOSE FOR THIS PERCOLATION TEST PLAN IS TO CREATE A SEWAGE DISPOSAL EASEMENT AND A 1,500 SQ. FT. WELL BOX.
6. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
7. THERE ARE NO 25% OR GREATER SLOPES WITHIN THE LIMITS OF LINDEN CHAPEL WOODS, LOT 3.
8. EXISTING WELL (NO TAG #) MAY NEED TO BE ABANDONED AND REPLACED. DOCUMENTATION OF PROPER ABANDONMENT BY A LICENSED WELL DRILLER, SHALL PROVIDED TO THE HEALTH DEPARTMENT.
9. THE PROPERTY OWNER WOULD LIKE TO REMODEL OR REBUILD THE HOUSE, POTENTIALLY ADDING AN ADDITIONAL BEDROOM.
10. GbB ARE WET-SEASON TESTING SOILS, THEY ARE LOCATED 134' FROM THE PROPOSED SEWAGE DISPOSAL AREA.
11. PERCOLATION TEST FEE RECEIPT NUMBER, REFERENCED IN THE APPROVING AUTHORITY CORRESPONDENCE, IS -

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT

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

HOWARD COUNTY HEALTH OFFICER _____ DATE _____
 PLAN PREPARER
 JOHN M. CARNEY
 FOR BENCHMARK ENGINEERING, INC.

SOILS CHART - SOIL SURVEY HOWARD COUNTY, MARYLAND

SYMBOL	HYDRIC	HYDROLOGI C GROUP	ALTERNATE GROUP	NAME	k-VALUE
GgB		B		GLENNELG LOAM, 3 TO 8 PERCENT SLOPES	0.37
GgC		B		GLENNELG LOAM, 8 TO 15 PERCENT SLOPES	0.43
BaA	YES	D		BAILE SILT LOAM, 0 TO 3 PERCENT SLOPES	0.49
GnB	YES	C	D	GLENNVILLE-BAILE SILT LOAM, 0 TO 8 PERCENT SLOPES	0.49

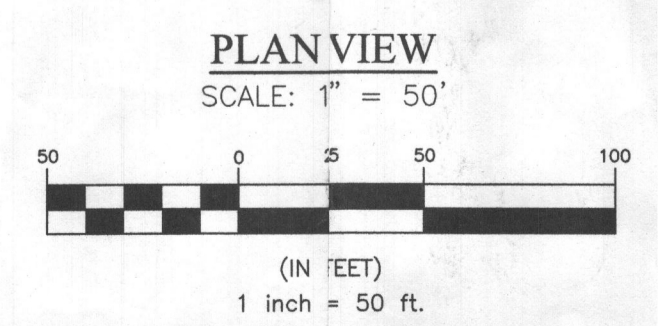
BENCHMARK ENGINEERING, INC.
 ENGINEERS & LAND SURVEYORS & PLANNERS
 8480 BALTIMORE NATIONAL PIKE & SUITE 315
 ELICOTT CITY, MARYLAND 21043
 (P) 410-465-6105 & (F) 410-465-6644
 WWW.BE-CMLENGINEERING.COM

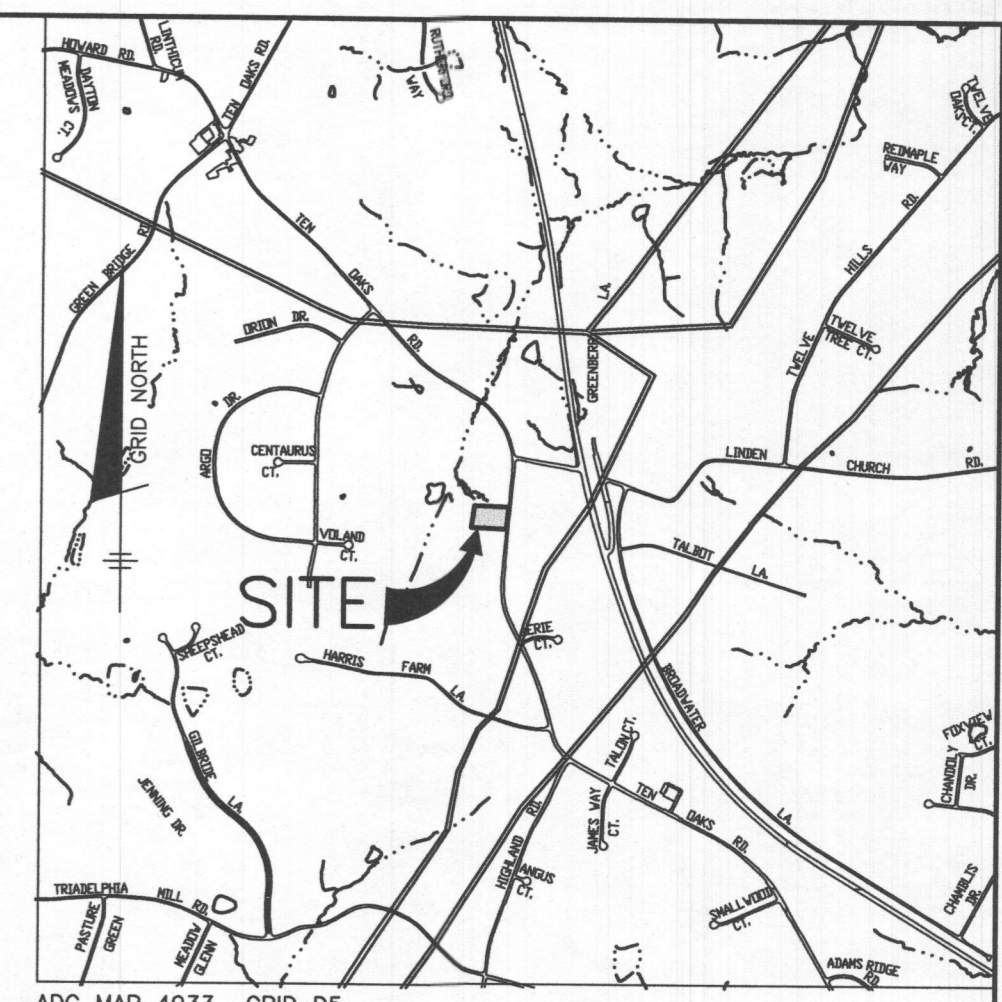
OWNER:
 PARK BROTHERS LLC
 5200 TEN OAKS RD.
 CLARKSVILLE, MD 21029

LINDEN CHAPEL WOODS LOT 3
 5178 TEN OAKS RD, CLARKSVILLE, MD 21029
 TAX MAP: 28 - GRID: 14 - PARCEL: 127
 ZONED: RC-DEO
 ELECTION DISTRICT NO. 5 - HOWARD COUNTY, MARYLAND

PERCOLATION TESTING PLAN

DATE: SEPT., 2020 BEI PROJECT NO. 2763
 DESIGN: jc DRAFT: jc SCALE: 1" = 50' SHEET 1 OF 1





ADC MAP 4933 GRID D5
LEGEND VICINITY MAP
 SCALE: 1" = 2000'

- PROPERTY BOUNDARY
- ADJACENT PROPERTY BOUNDARY
- EXISTING CONTOUR LINES
- SOIL DELINEATION
- EXISTING BUILDING
- EXISTING TREELINE
- STREAM
- POND
- EXISTING SEWAGE DISPOSAL AREA
- PROPOSED SEWAGE DISPOSAL AREA
- EXISTING WELL
- PASSING PERCOLATION TEST LOCATION
- FAILING PERCOLATION TEST LOCATION

GENERAL NOTES

1. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
2. THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO A PUBLIC SEWER SYSTEM. THE RECODIFICATION OF A MODIFIED SEWAGE AREA PLAT SHALL NOT BE REQUIRED.
3. TOPOGRAPHY SHOWN IS BASED ON HOWARD COUNTY GIS AND SHALL BE VERIFIED BY BENCHMARK ENGINEERING, INC. AT TIME OF PERC TEST STAKEOUT.
4. TO THE BEST OF OUR KNOWLEDGE, ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELL AND/OR SEPTIC HAVE BEEN SHOWN.
5. ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
6. THERE ARE NO 25% OR GREATER SLOPES WITHIN THE LIMITS OF LINDEN CHAPEL WOODS, LOT 3.
7. EXISTING WELL (NO TAG #) IS TO REMAIN AND CONTINUE TO BE UTILIZED. $\pm 0.70' - 0.003'$
8. GIB ARE WET-SEASON TESTING SOILS. THEY ARE LOCATED MORE THAN 100' FROM THE PROPOSED SEWAGE DISPOSAL AREA.
9. PERCOLATION TEST FEE RECEIPT NUMBER, REFERENCED IN THE APPROVING AUTHORITY CORRESPONDENCE, IS AS72820.
10. UPGRADE OF THE SEPTIC SYSTEM MUST BE COMPLETED AND APPROVED BY THE ATTENDING ENVIRONMENTAL SANITARIAN PRIOR TO HEALTH DEPARTMENT APPROVAL OF A BUILDING PERMIT PROPOSAL THAT ADDS LIVING SPACE TO THE EXISTING RESIDENCE. RELEASE OF THE SEPTIC SYSTEM PERMIT FOR THE UPGRADE IS DEPENDENT UPON HEALTH DEPARTMENT APPROVAL OF AN ON-SITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN ON WHICH IS ILLUSTRATED THREE DRAINFIELD SYSTEMS, AN INITIAL SYSTEM AND TWO REPLACEMENT SYSTEMS, WITHIN THE PROPOSED SEWAGE DISPOSAL AREA.
11. THE EXISTING SEPTIC TANK AND DRY WELL MUST EACH BE PUMPED DRY AND PROPERLY ABANDONED PRIOR TO THE ATTENDING ENVIRONMENTAL SANITARIAN'S FINAL APPROVAL OF THE SEPTIC SYSTEM INSTALLATION.

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT

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

Howard County Health Officer / 4/20/21 / DATE
 PLAN PREPARER JOHN M. CARNEY FOR BENCHMARK ENGINEERING INC.

SOILS CHART - SOIL SURVEY HOWARD COUNTY, MARYLAND

SYMBOL	HYDRIC	HYDROLOGI C GROUP	ALTERNATE GROUP	NAME	k-VALUE
GgB		B		GLENELG LOAM, 3 TO 8 PERCENT SLOPES	0.37
GgC		B		GLENELG LOAM, 8 TO 15 PERCENT SLOPES	0.43
BaA*	YES	D		BAILE SILT LOAM, 0 TO 3 PERCENT SLOPES	0.49
GnB*	YES	C	D	GLENVILLE-BAILE SILT LOAM, 0 TO 8 PERCENT SLOPES	0.49

THE PURPOSE FOR THIS PERCOLATION TEST PLAN IS TO CREATE A SEWAGE DISPOSAL AREA DUE TO ADDING BEDROOMS TO THE HOUSE ON THIS LOT AND TO CREATE A 1,500 SQ. FT. WELL BOX.

BENCHMARK ENGINEERING, INC.
 8480 BALTIMORE NATIONAL PIKE & SUITE 315
 ELICOTT CITY, MARYLAND 21043
 (P) 410-465-8105 & (F) 410-465-8644
 WWW.BE-ENGINEERING.COM

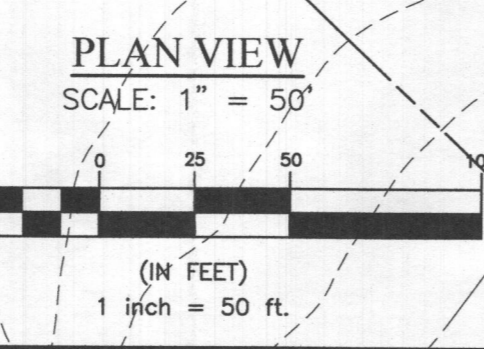
OWNER:
 PARK BROTHERS LLC
 5200 TEN OAKS RD.
 CLARKSVILLE, MD 21029
 443-829-9222

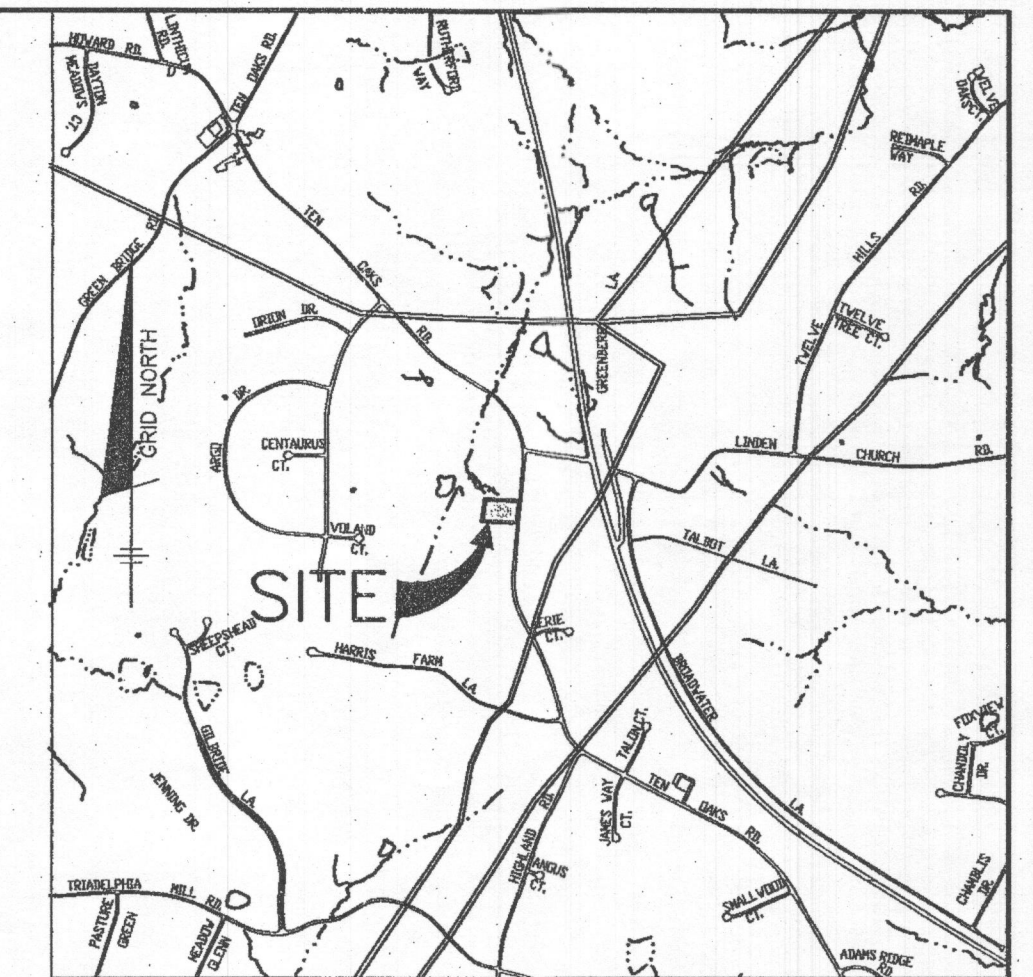
LINDEN CHAPEL WOODS LOT 3

5178 TEN OAKS RD, CLARKSVILLE, MD 21029
 TAX MAP: 28 - GRID: 14 - PARCEL: 127
 ZONED: RR-DEO
 ELECTION DISTRICT NO. 5 - HOWARD COUNTY, MARYLAND
 SDAT ACCOUNT NUMBER 368316

PERCOLATION CERTIFICATION PLAN

DATE: APRIL, 2021 BEI PROJECT NO. 2763
 SCALE: 1" = 50' SHEET 1 OF 1
 DESIGN: jc DRAFT: jc





- LEGEND VICINITY MAP**
SCALE: 1" = 2000'
- PROPERTY BOUNDARY
 - ADJACENT PROPERTY BOUNDARY
 - EXISTING CONTOUR LINES
 - SOIL DELINEATION
 - EXISTING BUILDING
 - EXISTING TREELINE
 - STREAM
 - POND
 - EXISTING SEWAGE DISPOSAL AREA
 - PROPOSED SEWAGE DISPOSAL AREA
 - EXISTING WELL
 - PASSING PERCOLATION TEST LOCATION
 - FAILING PERCOLATION TEST LOCATION

GENERAL NOTES

1. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
2. THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA 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 SEWER IS AVAILABLE. THIS AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE DISPOSAL AREA. RECONSTRUCTION OF A MODIFIED SEWAGE AREA PLAN SHALL NOT BE REQUIRED.
3. TOPOGRAPHY SHOWN IS BASED ON HOWARD COUNTY GIS AND SHALL BE VERIFIED BY BENCHMARK ENGINEERING, INC. AT TIME OF PERC TEST STAKEOUT.
4. TO THE BEST OF OUR KNOWLEDGE, ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELL AND/OR SEPTIC HAVE BEEN SHOWN.
5. ANY CHANGES TO A PRIVATE SEWAGE DISPOSAL AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
6. THERE ARE NO 25% OR GREATER SLOPES WITHIN THE LIMITS OF LINDEN CHAPEL WOODS, LOT 3.
7. EXISTING WELL (NO TAG #) IS TO REMAIN AND CONTINUE TO BE UTILIZED. NO 7-095'S
8. GcB ARE WET-SEASON TESTING SOILS, THEY ARE LOCATED MORE THAN 100' FROM THE PROPOSED SEWAGE DISPOSAL AREA.
9. PERCOLATION TEST FEE RECEIPT NUMBER, REFERENCED IN THE APPROVING AUTHORITY CORRESPONDENCE, IS A572820.
10. UPGRADE OF THE SEPTIC SYSTEM MUST BE COMPLETED AND APPROVED BY THE ATTENDING ENVIRONMENTAL SANITARIAN PRIOR TO HEALTH DEPARTMENT APPROVAL OF A BUILDING PERMIT PROPOSAL THAT ADDS LIVING SPACE TO THE EXISTING RESIDENCE. RELEASE OF THE SEPTIC SYSTEM PERMIT FOR THE UPGRADE IS DEPENDENT UPON HEALTH DEPARTMENT APPROVAL OF AN ONSITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN ON WHICH IS ILLUSTRATED THREE DRAINFIELD SYSTEMS, AN INITIAL SYSTEM AND TWO REPLACEMENT SYSTEMS, WITHIN THE PROPOSED SEWAGE DISPOSAL AREA.
11. THE EXISTING SEPTIC TANK AND DRY WELL MUST EACH BE PROPERLY DRY AND PROPERLY ABANDONED PRIOR TO THE ATTENDING ENVIRONMENTAL SANITARIAN'S FINAL APPROVAL OF THE SEPTIC SYSTEM INSTALLATION.

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

[Signature] 4/30/21
DATE

PLAN PREPARER
JOHN M. CARNEY
FOR BENCHMARK ENGINEERING, INC.

SOILS CHART - SOIL SURVEY HOWARD COUNTY, MARYLAND

SYMBOL	HYDRIC	HYDROLOGIC C GROUP	ALTERNATE GROUP	NAME	K-VALUE
GcB		B		GLENELG LOAM, 3 TO 8 PERCENT SLOPES	0.37
GcC		B		GLENELG LOAM, 8 TO 15 PERCENT SLOPES	0.43
BaA*	YES	D		BAILE SILT LOAM, 0 TO 3 PERCENT SLOPES	0.49
GnB*	YES	C	D	GLENVILLE-BAILE SILT LOAM, 0 TO 8 PERCENT SLOPES	0.49

THE PURPOSE FOR THIS PERCOLATION TEST PLAN IS TO CREATE A SEWAGE DISPOSAL AREA DUE TO ADDING BEDROOMS TO THE HOUSE ON THIS LOT AND TO CREATE A 1,500 SQ. FT. WELL BOX.

BENCHMARK ENGINEERING, INC.
ENGINEERS - LAND SURVEYORS - PLANNERS
8480 BALTIMORE NATIONAL, P.O. BOX 315
ELICOTT CITY, MARYLAND 21043
(P) 410-460-8106 A (F) 410-460-8644
WWW.BE-ONLINEENGINEERING.COM

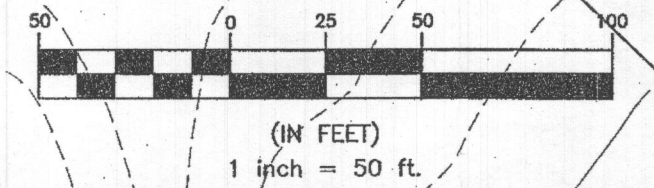
OWNER:
PARK BROTHERS LLC
5200 TEN OAKS RD.
CLARKSVILLE, MD 21029
443-829-9222

LINDEN CHAPEL WOODS LOT 3
5178 TEN OAKS RD, CLARKSVILLE, MD 21029
TAX MAP: 28 - GRID: 14 - PARCEL: 127
ZONED: RR-DEO
ELECTION DISTRICT NO. 5 - HOWARD COUNTY, MARYLAND
SDAT ACCOUNT NUMBER 368316

PERCOLATION CERTIFICATION PLAN

DATE: APRIL, 2021 BEI PROJECT NO. 2763
SCALE: 1" = 50' SHEET 1 OF 1

PLAN VIEW
SCALE: 1" = 50'



APPROX. LOCATION OF...