



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ A/P _____

AGENCY REVIEW: _____ DATE _____

DO NOT WRITE ABOVE THIS LINE

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

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH unknown PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) Donald & Catherine Carter

JAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 14630 Old Frederick Rd. Woodbine MD 21797
STREET CITY/TOWN STATE ZIP

APPLICANT Donald & Catherine Carter

JAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 14630 Old Frederick Rd. Woodbine MD 21797
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME HBL Properties INC. Property LOT NO. 5

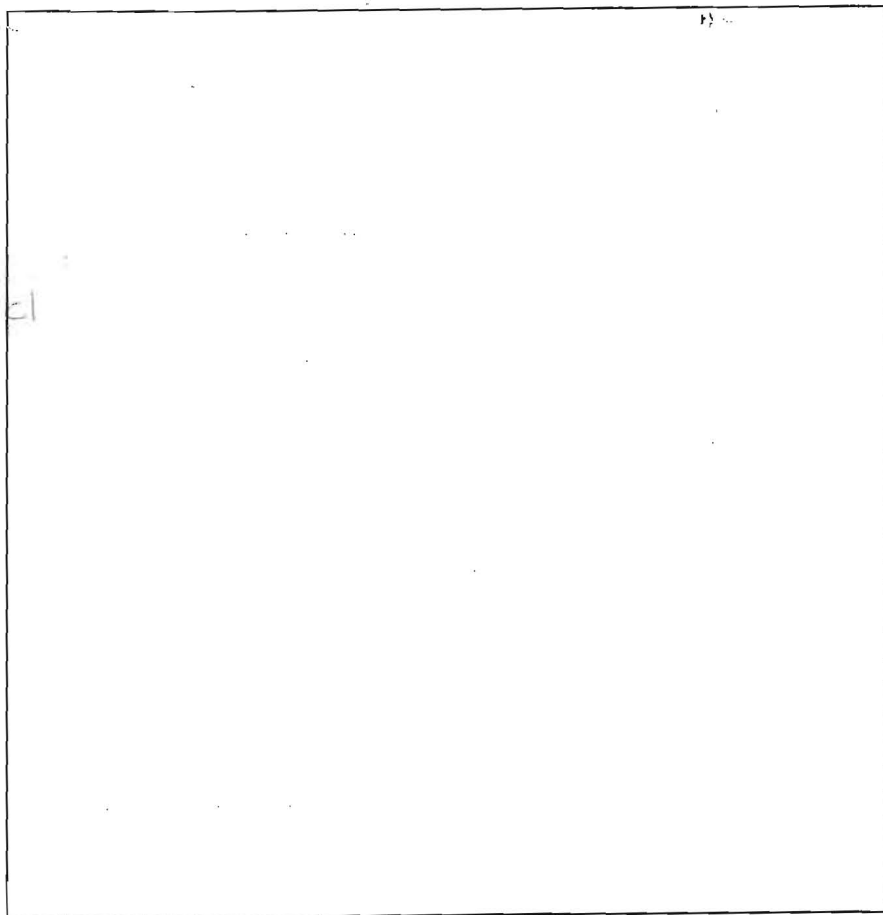
PROPERTY ADDRESS 14630 Old Frederick Rd. Woodbine MD 21797
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 8 GRID 10 PARCEL(S) 360 PROPOSED LOT SIZE 3.02 AC

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT.

Catherine Carter
SIGNATURE OF APPLICANT



P7

1' bml
sbk

4.5' yellow org
scl lcsbk
org. cl

7' org. bml
fsl
few mica

10' org. bml
fsl

15' 15% rx

P6

10" bml

3' org bml
cl lcsbk

5' org bml
scl
lmsbk

7' yellow
scl

14.5' yellow
fsl saprolite
15% rx

↓

P4

1.5' bml heavy
1'

4.5' red bml
scl
lcsbk

7' red bml
vch scl

red
st scl
↓
45%
rx & flags

P1

bml 1 10"

org bml
ch scl 4"

red bml
vst scl

↓

6' bml st scl
Saprolite

11' bml vch
fsl ↓ sap @ 12'
moist H2O 135'

P2

yellow ch
cl lcsbk 3.5'

↓ dense

yellow
st scl
stacking 7'

yellow
sl 10'

yellow
ch scl 12'

H2O

P3

bml 1 1'

org bml
ch scl lcsbk 4'

org bml
ch scl 6.5'

yellow
vch scl 10'

yellow
fsl saprolite 12'

yellow
st scl 16'

| DATE | TEST # | DEPTH | START | BREAK 1" DROP | STOP 2" DROP | TIME OF 2ND INCH | P/F/H |
|---------|--------|------------|--------|-------------------------------|----------------------------------|---------------------|-------|
| 3-15-13 | P7 | 7.5' / 15' | 10:00 | 10:11 | 10:24 | 13 | P |
| | P6 | 8' / 14.5' | 10:21 | 11:47 | 760 min | | F |
| | P4 | 6' / 12' | 10:50 | 11:24 | stopped moving pulled @ 11:58 | | F |
| | P1 | 13.5' | VISUAL | | | | F |
| | P2 | 7' / 12' | 11:37 | pulled @ 12:10 no movement | | | F |
| | P3 | 7' / 16' | 12:14 | 12:32 | 1:00 | 28 | P |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

REMARKS P1-P7 dug per plan

SANITARIAN HS BACKHOE Hatfields OTHERS owner

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

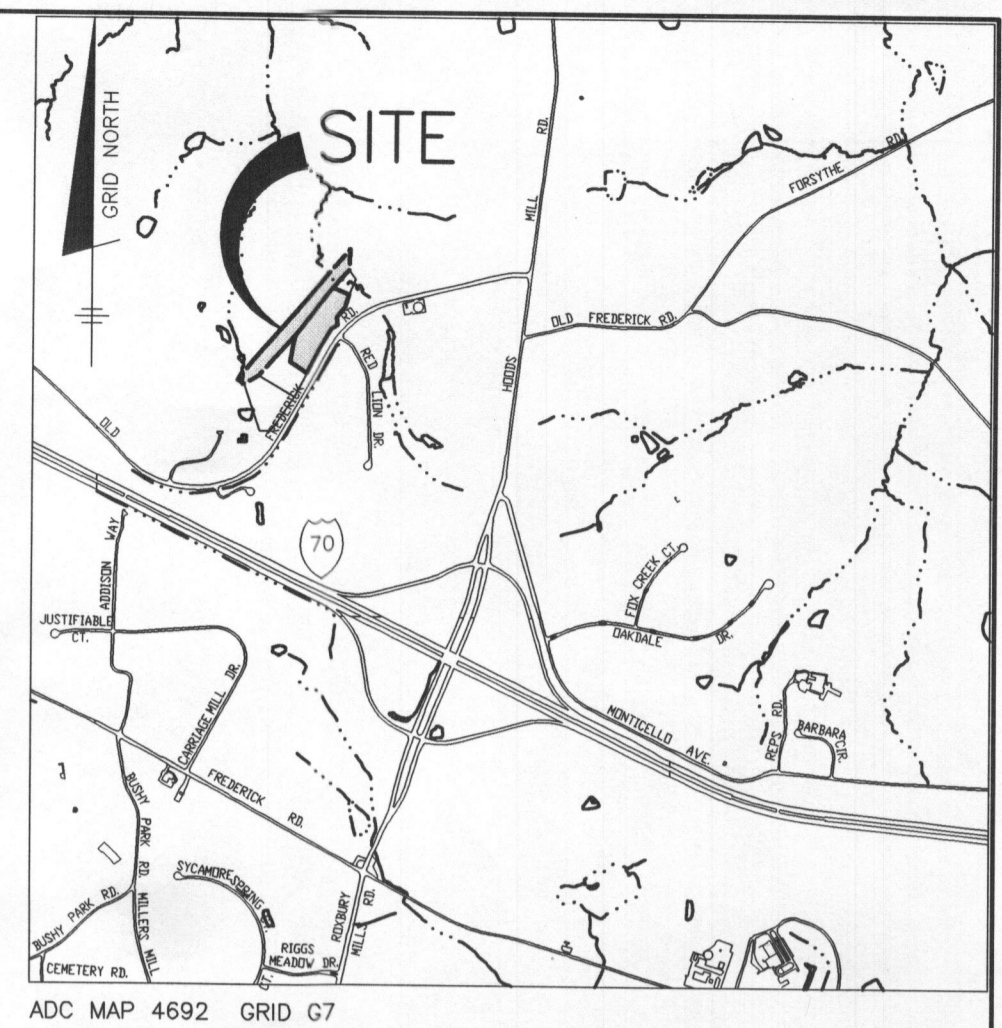
TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

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.

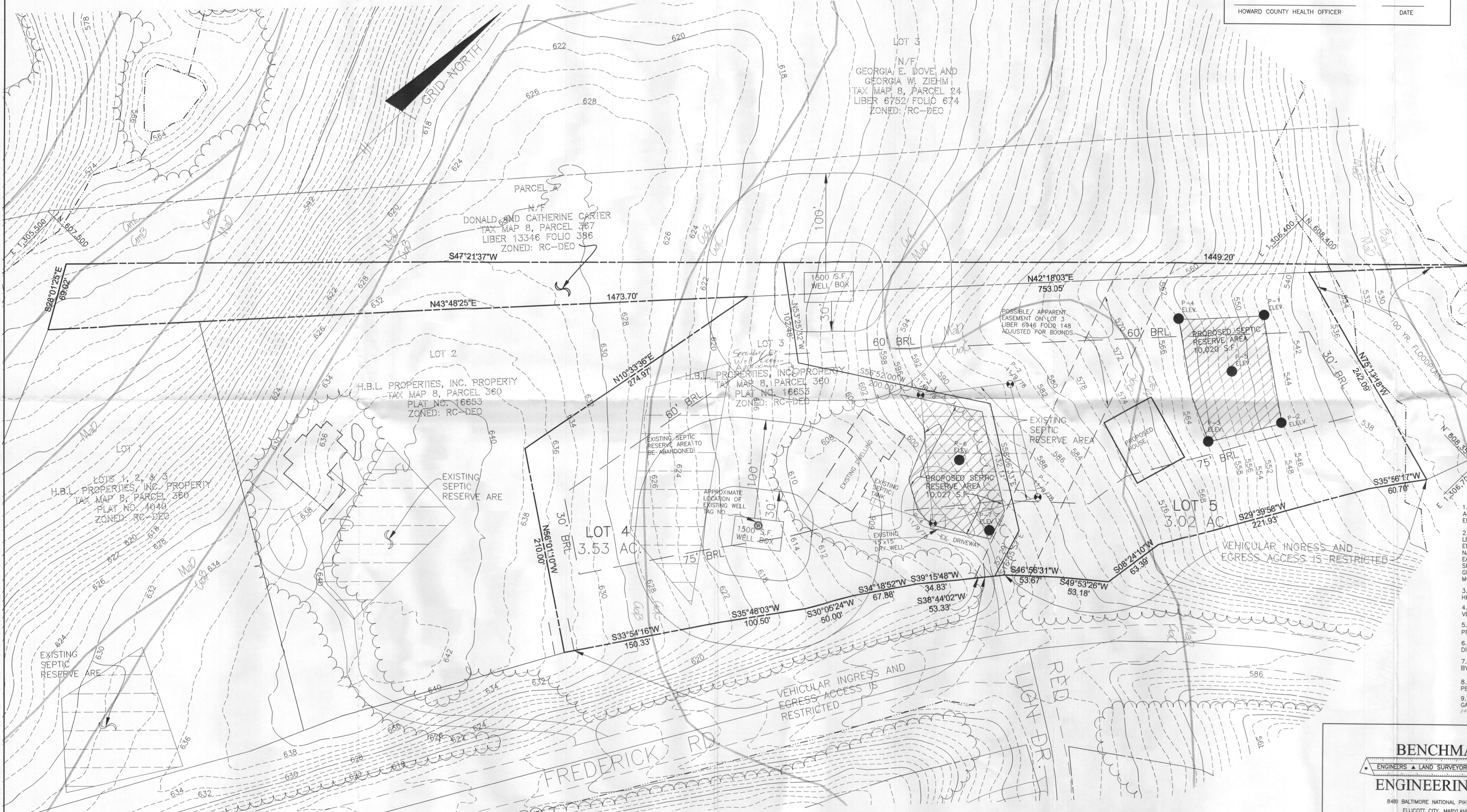
John Carney 2-13-13
 JOHN CARNEY FOR BENCHMARK ENGINEERING, INC.
 PLAN PREPARER

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEM
 HOWARD COUNTY HEALTH DEPARTMENT

HOWARD COUNTY HEALTH OFFICER _____ DATE _____



VICINITY MAP
 SCALE: 1" = 2000'



GENERAL NOTES

- 1) THE LOT SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- 2) THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 S.F. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE 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 SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE REQUIRED.
- 3) EXACT LENGTH OF SEPTIC TRENCHES IS TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF TRENCH LAYOUT AND INSPECTION.
- 4) TOPOGRAPHY SHOWN IS BASED ON HOWARD COUNTY GIS AND IS TO BE VERIFIED BY BENCHMARK ENGINEERING, INC.
- 5) THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THIS PROJECT'S BOUNDARY EXCEPT AS NOTED.
- 6) THE PURPOSE FOR THIS PERCOLATION TEST PLAN IS TO CREATE SEWAGE DISPOSAL EASEMENTS AND WELL BOXES FOR LOTS 4 AND 5.
- 7) THE EXISTING WELL, HO-1 SHOWN ON THIS PLAN IS TO BE LOCATED BY BENCHMARK ENGINEERING, INC.
- 8) ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- 9) THE EXISTING SEPTIC TANK WILL HAVE TO BE REMOVED AND A NEW 2,000 GALLON TANK IS REQUIRED.

| SOILS CHART - SOIL SURVEY HOWARD COUNTY, MARYLAND | | | |
|---|--------|------------------|-----------------|
| SYMBOL | HYDRIC | HYDROLOGIC GROUP | ALTERNATE GROUP |
| SoA | YES | D | |
| GgB | | B | |
| GgC | | B | |
| GmB* | YES | C | |
| GmC | | C | |
| MaD | | B | |

PLAN
 SCALE: 1" = 50'

LEGEND

- EXISTING CONTOURS
- EXISTING TREELINE
- LIMIT OF SUBMISSION
- PROPOSED SEPTIC AREA
- 1500 S.F. WELL BOX
- TEST HOLE
- EX. WELL
- PREVIOUSLY PASSED PERCOLATION TEST (11/9/78)
- SOILS DELINEATION
- EXISTING SEPTIC AREA

BENCHMARK
 ENGINEERS • LAND SURVEYORS • PLANNERS
ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE • SUITE 418
 ELLICOTT CITY, MARYLAND 21043
 phone: 410-465-6105 • fax: 410-465-6644
 email: Benchmark@cois.com

OWNER/DEVELOPER: DONALD W. CARTER AND CATHERINE CARTER
 14630 OLD FREDERICK ROAD
 WOODBINE, MARYLAND 21797

PROJECT: **H.B.L. PROPERTIES INC.**
 LOT 3

LOCATION: TAX MAP: 8, GRID: 10
 PARCELS 360 AND 367
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

TITLE: **PERCOLATION TESTING PLAN**

DATE: FEBRUARY, 2013 PROJECT NO. 2469

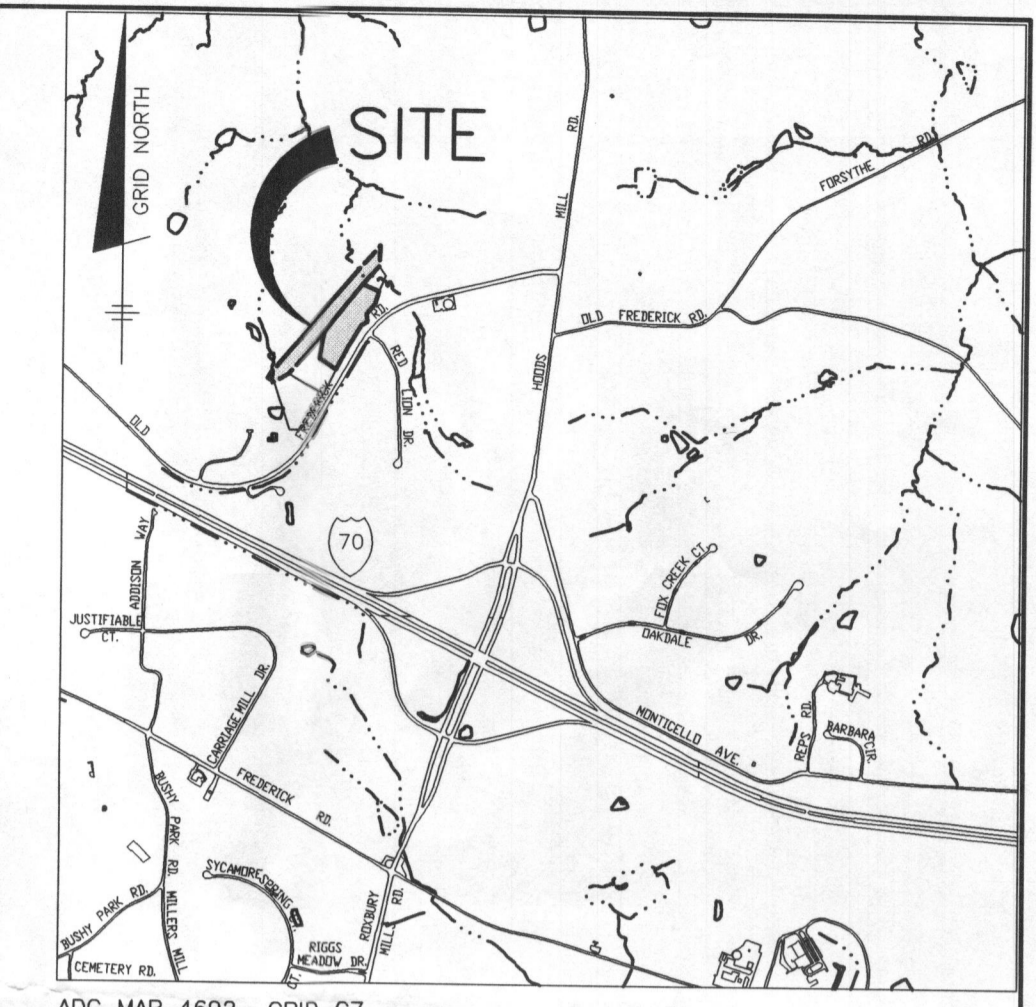
DRAFT: JC DESIGN: JC CHECK: - SCALE: 1" = 50' SHEET 1 OF 1

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JOHN CARNEY FOR BENCHMARK ENGINEERING, INC.
PLAN PREPARER

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT

HOWARD COUNTY HEALTH OFFICER _____ DATE _____



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- 9.) THE EXISTING SEPTIC TANK WILL HAVE TO BE REMOVED AND A NEW 2,000 GALLON TANK IS REQUIRED.
- 10.) THE EXISTING WELL NORTHWEST OF THE HOUSE WILL NEED TO BE FIELD LOCATED AT THE TIME OF PERCOLATION TEST STAKEOUT.

| SOILS CHART - SOIL SURVEY HOWARD COUNTY, MARYLAND | | | |
|---|--------|------------------|-----------------|
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| BAA* | YES | D | |
| CgB | | B | |
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|--|--|
| OWNER/DEVELOPER: DONALD W. CARTER AND CATHERINE CARTER 14630 OLD FREDERICK ROAD WOODBINE, MARYLAND 21179 | PROJECT: H.B.L. PROPERTIES INC. LOT 3 |
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