



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

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

AGENCY REVIEW: _____ DATE _____

DO NOT WRITE ABOVE THIS LINE

I 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 _____ 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) _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

APPLICANT _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

PROPERTY ADDRESS _____
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) _____ GRID _____ PARCEL(S) _____ PROPOSED LOT SIZE _____

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.

SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

AP

315

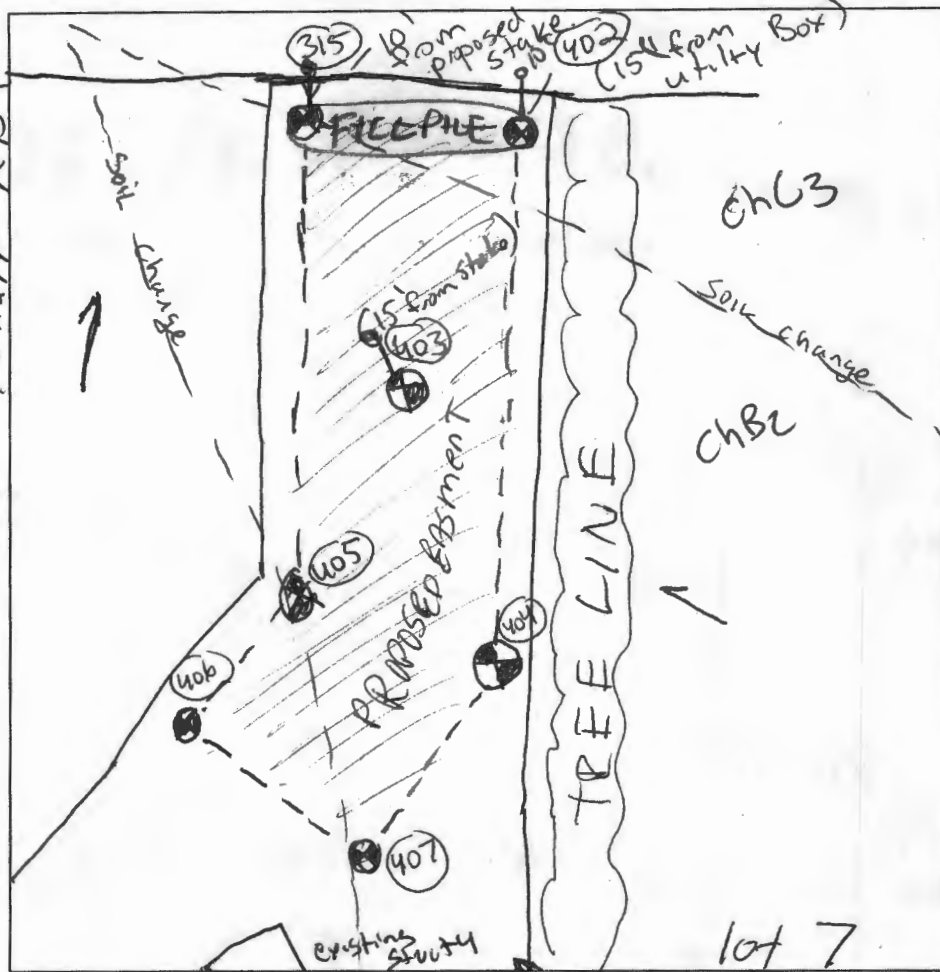
red brown
yellow brown
Si → Si
orange brown (platy)
Si
10-15% cherty frags

402

brown
red brown
Scl
orange brown
Si
5-10% cherty frags
or Saponite (platy)

403

red brown
1 - Si
Yellow Brown
Si
Slightly micaceous
10% cherty frags



404
red brown
Si → Si
yellow brown
Si
slightly micaceous
(very little)
10-15% cherty frags

406

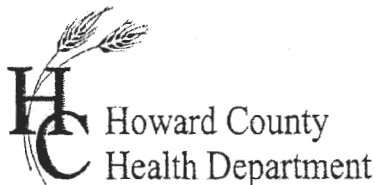
yellow brown
1s/Si
w 5% cherty frags.
yellow brown
Si
5-10% cherty frags & Saponite.

407

orange brown
Si → Si
red brown
Si
↓
Si
w yellow & black striations
5-10% cherty frags & Saponite

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	PIF/H
12/3/04	406	3 1/2 / 12	10:04	10:05	10:07	2	P
	407	3 1/2 / 12	10:20	10:25	10:31	6	P
	404	/ 13	VISUAL -				P
	403	/ 13	VISUAL -				P
	402	4 / 13	11:12	11:16	11:16	3	P
	315	4 / 12 1/2	11:21	11:25	11:31	6	P

REMARKS hole # 405 was not tested / Property line not staked / ORIGINAL GRADE DISRUPTED
 SANITARIAN Pete Yencsile BACKHOE Ken Christminister OTHERS Bruno W. Reich & Son
 TEST HOLES USED IN SDA 6 AVG. PERC TIME 4.2 SQ. FT/BR
 TRENCH WIDTH 3 INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 521565
DATE 11/5/04

AGENCY REVIEW: _____

DO NOT WRITE ABOVE THIS LINE

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- BUILD ON AN EXISTING LOT IN A SUBDIVISION
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IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH 4 PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IF APPROPRIATE)
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- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) BRUNO REICH

DAYTIME PHONE 1-301-596-9182 CELL - FAX -

MAILING ADDRESS 14189 HOWARD ROAD DAYTON MARYLAND 21036
STREET CITY/TOWN STATE ZIP

APPLICANT MR. BRUNO REICH

DAYTIME PHONE 1-301-596-9182 CELL - FAX -

MAILING ADDRESS 14189 HOWARD ROAD DAYTON MARYLAND 21036
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME REICH SUBDIVISION LOT NO. 7

PROPERTY ADDRESS SHARP ROAD
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 21 GRID 12 PARCEL(S) 150 & 186 PROPOSED LOT SIZE 1.87Ac.

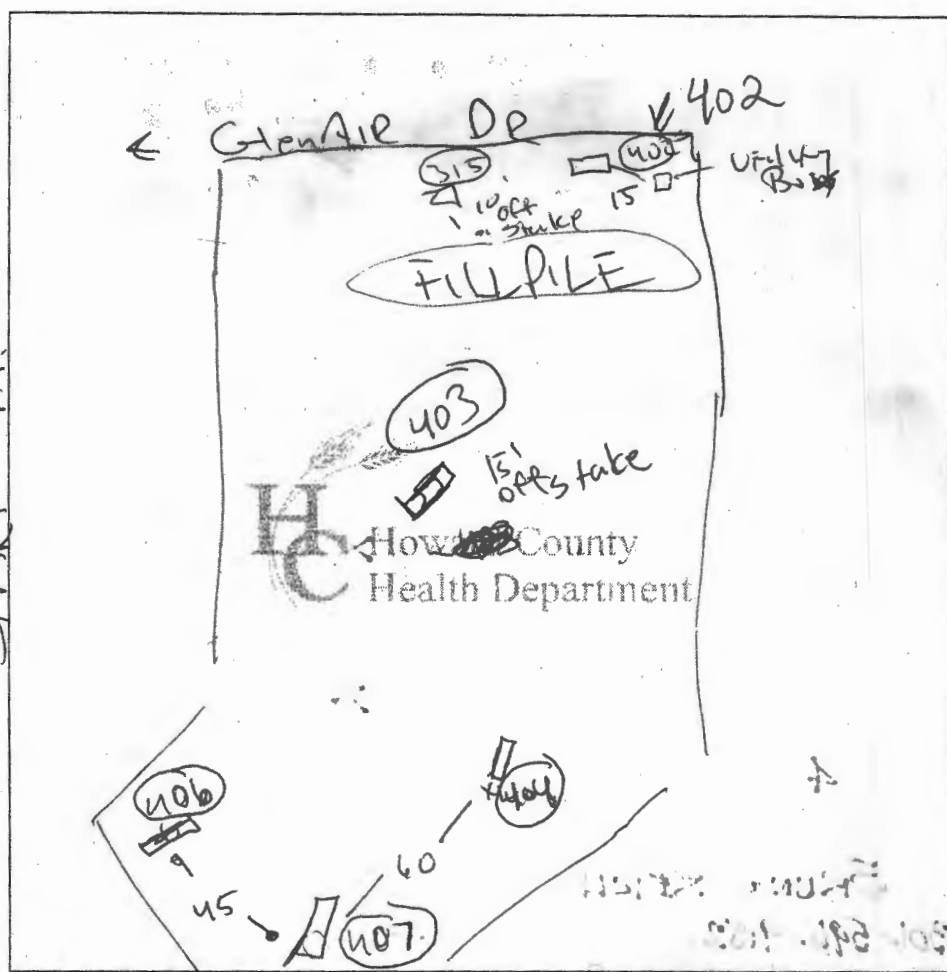
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TEST RESULTS WILL BE MAILED TO APPLICANT.

Bruno W. Reich
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

406
 Yellow brown
 15/si
 w/ 5% cherty frags
 3
 Yellow brown
 si
 10 saprock
 cherty frags
 5-10% saprock



403
 red brown
 1-51
 yellow brown
 si
 slightly micaceous
 muscled
 10
 10% cherty frags
 + saprock

407
 orange brown
 si → si
 red brown
 3
 yellow bands
 black striations
 5-10% Rock & Saprock

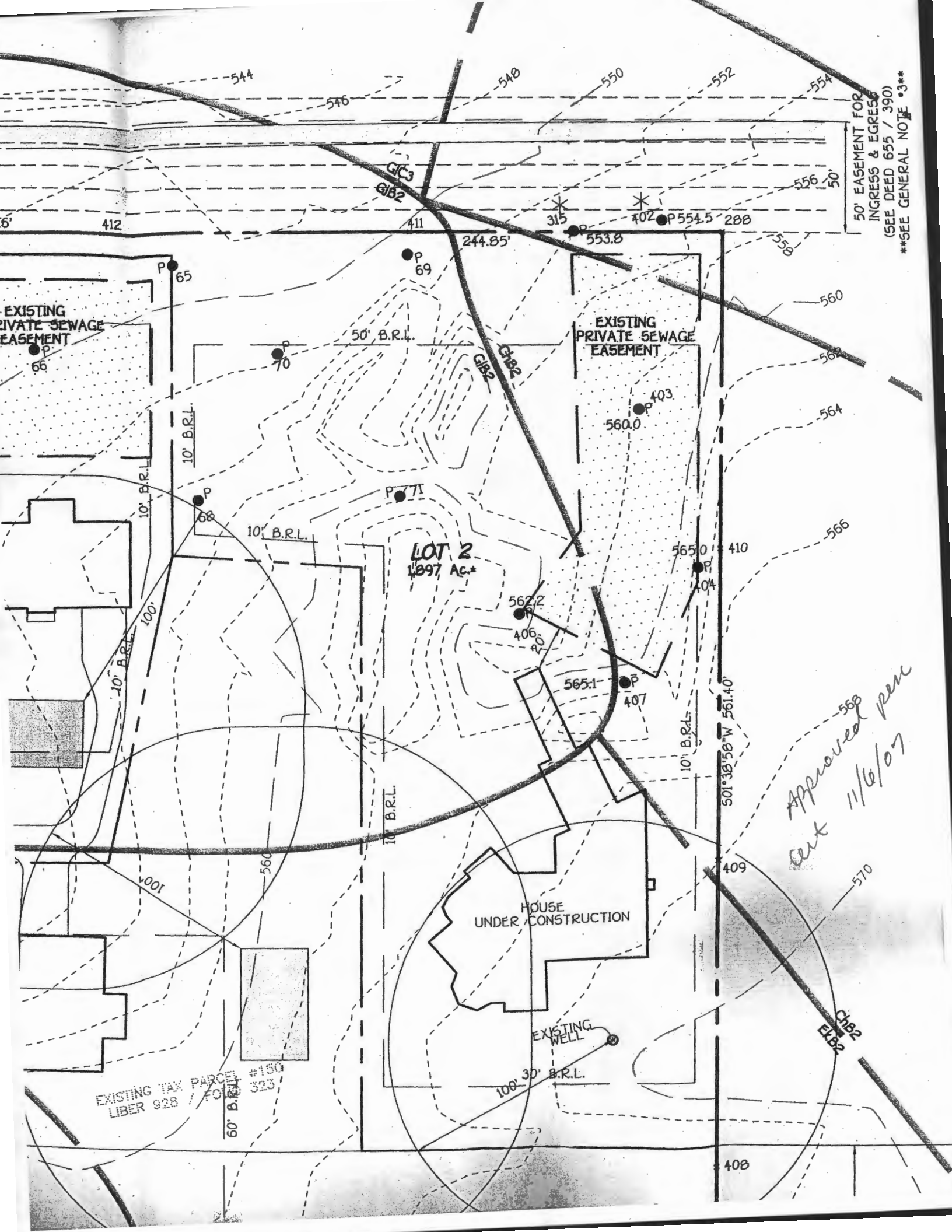
402
 Rill
 1 red brown
 si
 2 orange brown
 si
 5-10 cherty frags
 & saprock
 (plate)

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
12/3	406	3 1/2	10:04	10:05	10:07	2 min	P
	407	3 1/2	10:20	10:25	10:26	6	P
	404	13	VISUAL				P
	403	13					P
	402	4	11:12	11:13	11:16	3 min	P
	315	12 1/2	11:21	11:25	11:31	6	P

404
 red brown
 si si
 3
 yellow brown
 si
 slightly micaceous
 every little
 10-15 cherty frags

315
 1 red brown
 yellow brown
 3 si si
 (plate)
 8 orange brown
 si
 10-15 cherty frags

REMARKS ORIGINAL 1-2' has been removed / hole not tested
 SANITARIAN P.A.V. BACKHOE Ken OTHERS owner / son - Ken
 TEST HOLES USED IN SDA 6 AVG. PERC TIME SQ. FT/BR
 TRENCH WIDTH INLET DEPTH MAX. BOT DEPTH EFFECTIVE SW



50' EASEMENT FOR INGRESS & EGRESS (SEE DEED 655 / 390) ***SEE GENERAL NOTE #3***

EXISTING PRIVATE SEWAGE EASEMENT

EXISTING PRIVATE SEWAGE EASEMENT

LOT 2
1.897 AC.

HOUSE UNDER CONSTRUCTION

EXISTING WELL

EXISTING TAX PARCEL #150
LIBER 928 / 323

*Approved per
cut 11/6/07*

408

G1B2
E1B2

412

244.85'

P 554.5 288

P 553.8

50' B.R.L.

10' B.R.L.

10' B.R.L.

10' B.R.L.

10' B.R.L.

10' B.R.L.

100' 30' B.R.L.

60' B.R.L.

50' 30' 58" W 561.40'

570

560

562

564

566

568

544

546

548

550

552

554

556

558

560

562

564

566

568

570

G1B2
E1B2

G1C3

G1B2

G1B2

G1B2

G1B2

E1B2

P 71

P 65

P 66

P 70

P 68

P 69

P 403

P 404

P 406

P 407

P 409

P 408

315

402

556

558

560

562

564

566

568

570

G1B2

E1B2

LOT 2
1.897 AC.

HOUSE UNDER CONSTRUCTION

EXISTING WELL

EXISTING TAX PARCEL #150
LIBER 928 / 323

*Approved per
cut 11/6/07*

408

G1B2
E1B2

G1C3

G1B2

G1B2

G1B2

G1B2

E1B2

P 71

P 65

P 66

P 70

P 68

P 69

P 403

P 404

P 406

P 407

P 409

P 408

315

402

556

558

560

562

564

566

568

570

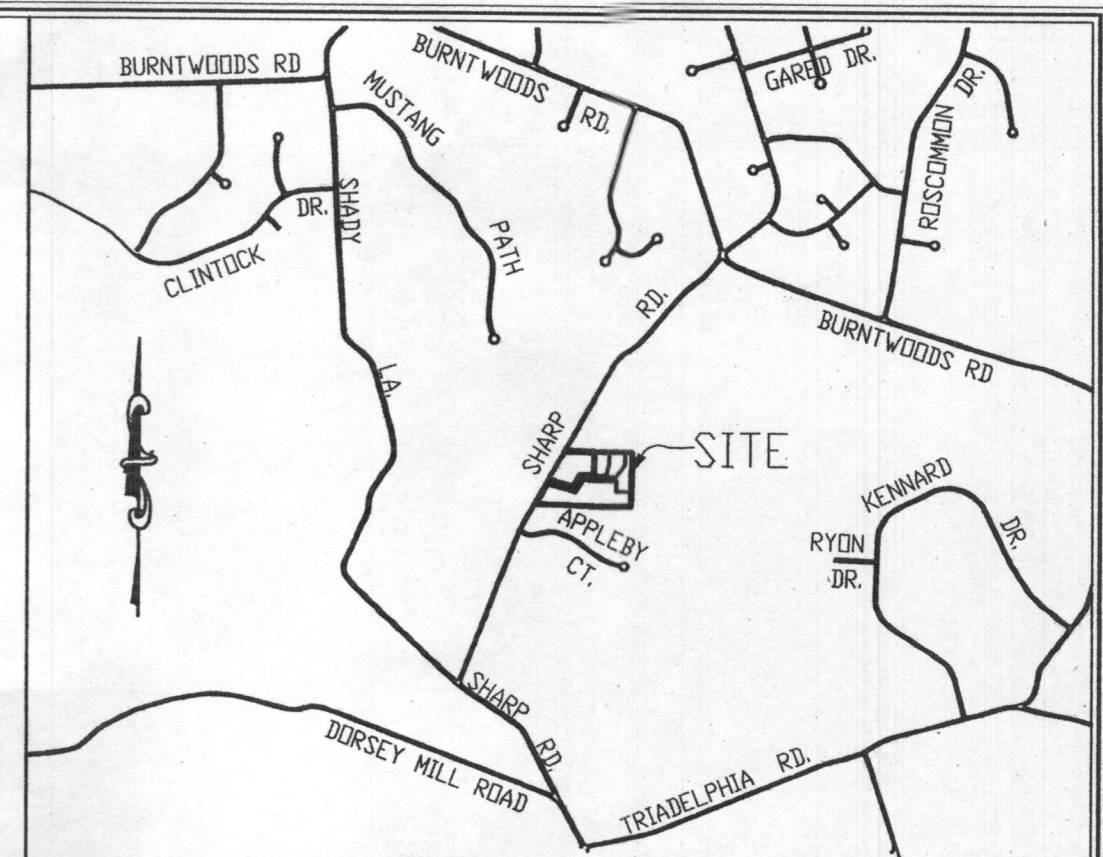
G1B2

E1B2

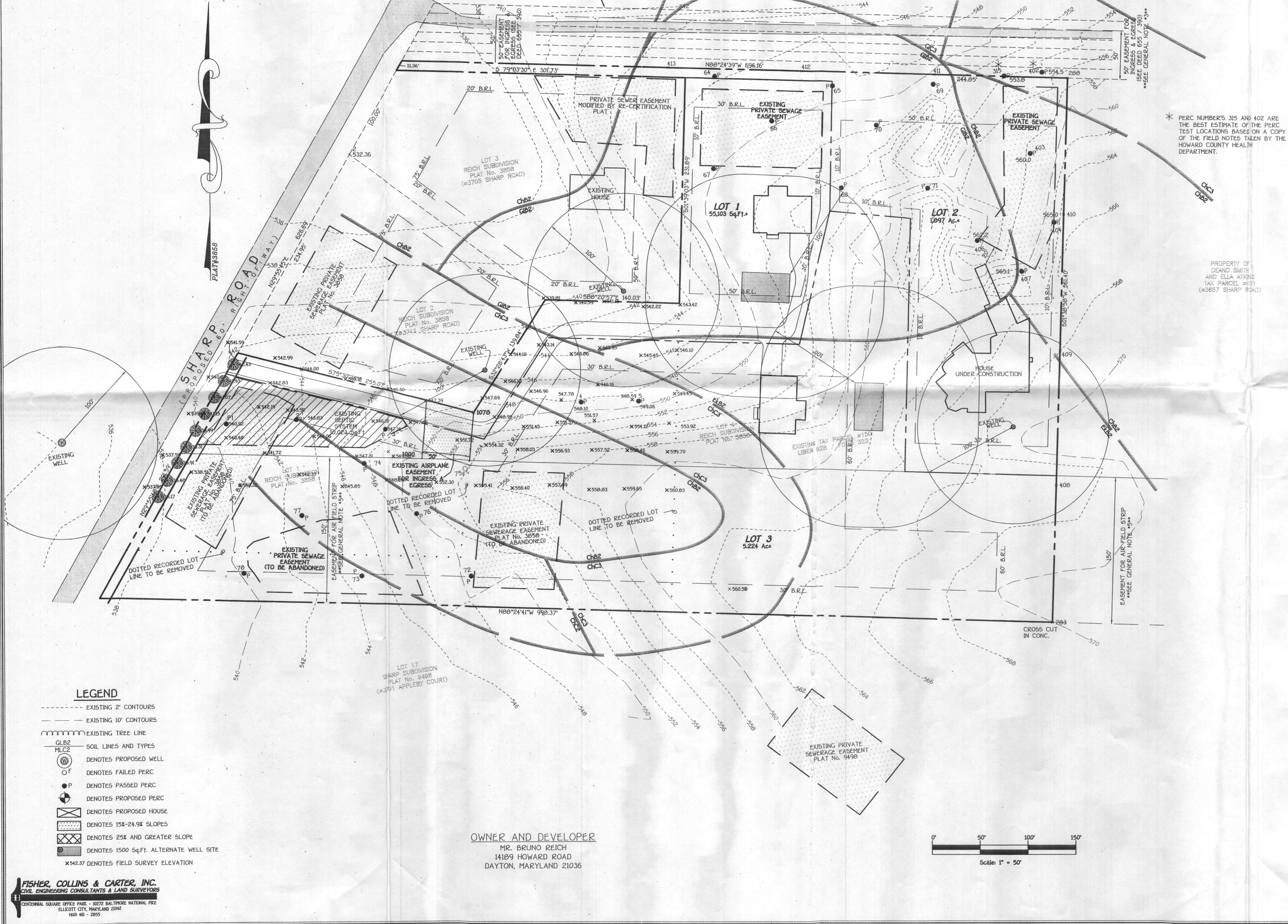
SOILS LEGEND

SOIL	NAME	CLASS
GIC3	Glenelg loam, 0 to 15 percent slopes, severely eroded	B
GIb2	Glenelg loam, 3 to 0 percent slopes, moderately eroded	B
ChB2	Chester silt loam, 3 to 0 percent slopes, moderately eroded	B
ChC2	Chester silt loam, 0 to 15 percent slopes, moderately eroded	B
ChC3	Chester silt loam, 0 to 15 percent slopes, severely eroded	B
GIb2	Glenelg loam, 3 to 0 percent slopes, moderately eroded	B
ChB2	Elioak silt loam, 3 to 0 percent slopes, moderately eroded	B

- NOTES:**
- * Hydric soils and/or contains hydric inclusions
 - ** May contain hydric inclusions
 - † Generally only within 100-year floodplain areas



VICINITY MAP
SCALE: 1" = 1,200'



GENERAL NOTES:

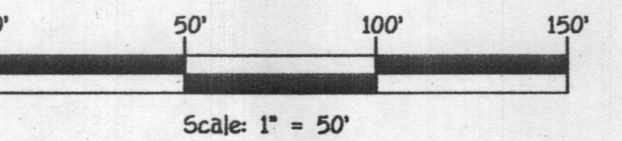
- THIS AREA DESIGNATES A PRIVATE SEWER EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
- ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
- FIELD TOPOGRAPHY SURVEY IN VICINITY OF PRIVATE SEWERAGE EASEMENT ON LOT 1 AND 2 PERFORMED BY FISHER, COLLINS & CARTER, INC. ON JANUARY 4, 2005. REMAINING TOPOGRAPHY BASED ON HOWARD COUNTY GIS TOPOGRAPHY AT 5' CONTOUR INTERVAL INTERPOLATED FOR 2' CONTOUR INTERVAL SUPPLEMENTED WITH FIELD RUN TOPOGRAPHY.
- BOUNDARY OUTLINE BASED ON A FIELD RUN SURVEY PREPARED BY FISHER, COLLINS AND CARTER, DATED JUNE 28, 2002.
- DENOTES EXISTING PRIVATE SEWERAGE EASEMENT.
- ALL WELLS SHALL BE DRILLED PRIOR TO SUBMITTAL OF FINAL PLAT FOR SIGNATURE. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.
- LOT 3 SEWERAGE DISPOSAL AREA CAN SUPPORT UP TO A 4 BEDROOM HOUSE.
- ANY CHANGES TO A SEPTIC EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

PERC CERTIFICATION
I certify that the locations shown hereon are based on field locations done under my direct supervision and are to the best of my professional knowledge and belief.
Signature of Terrell A. Fisher
Terrell A. Fisher, Surveyor No. 10692

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.
Bruno Reich, MD 11/6/2007
COUNTY HEALTH OFFICER GAC DATE 10/5/07

PERCOLATION CERTIFICATION PLAN
GLENLAIR OVERLOOK
LOTS 1 THRU 3
(A RESUBDIVISION OF LOTS 1 AND 4, REICH SUBDIVISION-PLAT No 3858 AND TAX PARCEL *150)
TAX MAP *21 ** GRID *12
PARCEL *150 & PART OF PARCEL *106
ZONED: RR-DEO
FOURTH ELECTION DISTRICT
HOWARD COUNTY MARYLAND
SCALE 1"=50'
DATE: 10/5/07

OWNER AND DEVELOPER
MR. BRUNO REICH
14109 HOWARD ROAD
DAYTON, MARYLAND 21036



- LEGEND**
- EXISTING 2' CONTOURS
 - EXISTING 10' CONTOURS
 - - - EXISTING TREE LINE
 - GLB2, MLC2 SOIL LINES AND TYPES
 - DENOTES PROPOSED WELL
 - DENOTES FAILED PERC
 - DENOTES PASSED PERC
 - DENOTES PROPOSED PERC
 - DENOTES PROPOSED HOUSE
 - ▨ DENOTES 15%-24.9% SLOPES
 - ▩ DENOTES 25% AND GREATER SLOPE
 - DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE
 - X542.37 DENOTES FIELD SURVEY ELEVATION

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLSWORTH CITY, MARYLAND 21041
4100 481 - 2000