



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_

APP 530280  
DATE 1/9/09

AGENCY REVIEW: \_\_\_\_\_

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 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) WILLIAM EDWARD BROWN

DAYTIME PHONE \_\_\_\_\_ CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS 14110 HOWARD ROAD DAYTON, MD 21036  
STREET CITY/TOWN STATE ZIP

APPLICANT JONATHAN STUDDARD

DAYTIME PHONE \_\_\_\_\_ CELL 443-864-8075 FAX 443-393-4800

MAILING ADDRESS 8161 MAPLE LAWN BLVD, SUITE 420, FULTON, MD 20759  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME 14110 HOWARD ROAD LOT NO. 1-4

PROPERTY ADDRESS 14110 HOWARD ROAD, DAYTON, MD 21036  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 27 GRID 82 PARCEL(S) 31 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.

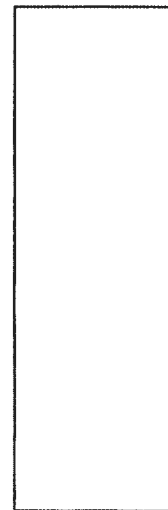
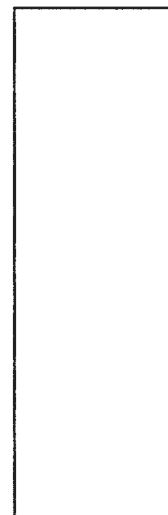
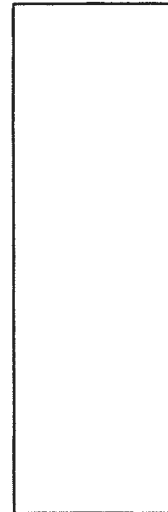
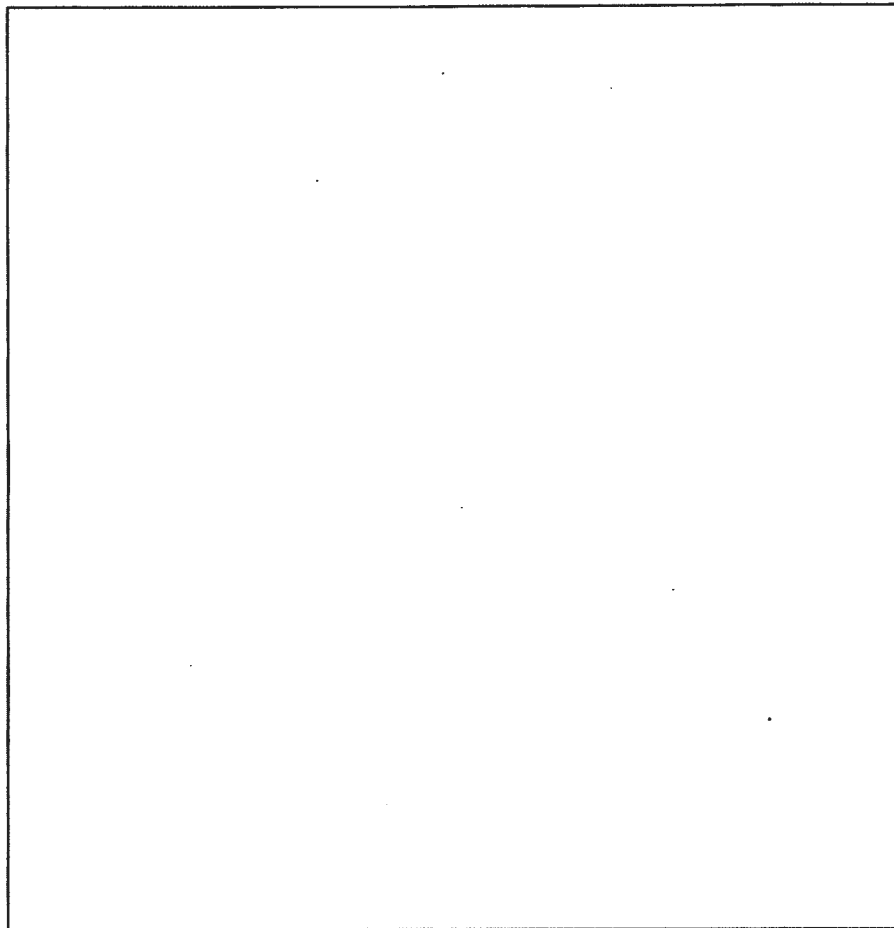
Jonathan Studdard  
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

HD-216 (2/03)

PLEASE SUBMIT ORIGINALS ONLY (BY MAIL OR IN PERSON)

A/P



TP-23  
 .8' brn l sbk  
 3.5' red brn scl l sbk  
 red brn sl  
 5' yellow brn fsl 30% channels moist supralite micaceous  
 ↓  
 13' flaggy @ 9' channels

TP-19  
 .4' brn l sbk  
 red brn scl l sbk  
 3.2' brn sl micaceous  
 5' brn fsl 20% chert  
 ↓  
 at brn fsl supralite many mica + kn deposits  
 13' ↓

TP-16  
 .8' brn l sbk  
 red brn scl 2 sbk  
 3' red brn sl few mica  
 5.5' yellow brn fsl supralite  
 ↓  
 13' 15' flaggy

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2-9-09	TP-23	6'/13'	1:14	1:21	1:34	13	P
	TP-19	5'/13'	1:40	1:45	1:50	5	P
	TP-16	5.5'/14'	2:05	2:08	2:11	3	P

REMARKS Lot 3 (holes 24 & 17 on separate sheet)  
 SANITARIAN RB/EB BACKHOE Fyock OTHERS Chris  
 TEST HOLES USED IN SDA 5 AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH 2' INLET DEPTH 3 MAX. BOT DEPTH 8 EFFECTIVE S/W 2-3

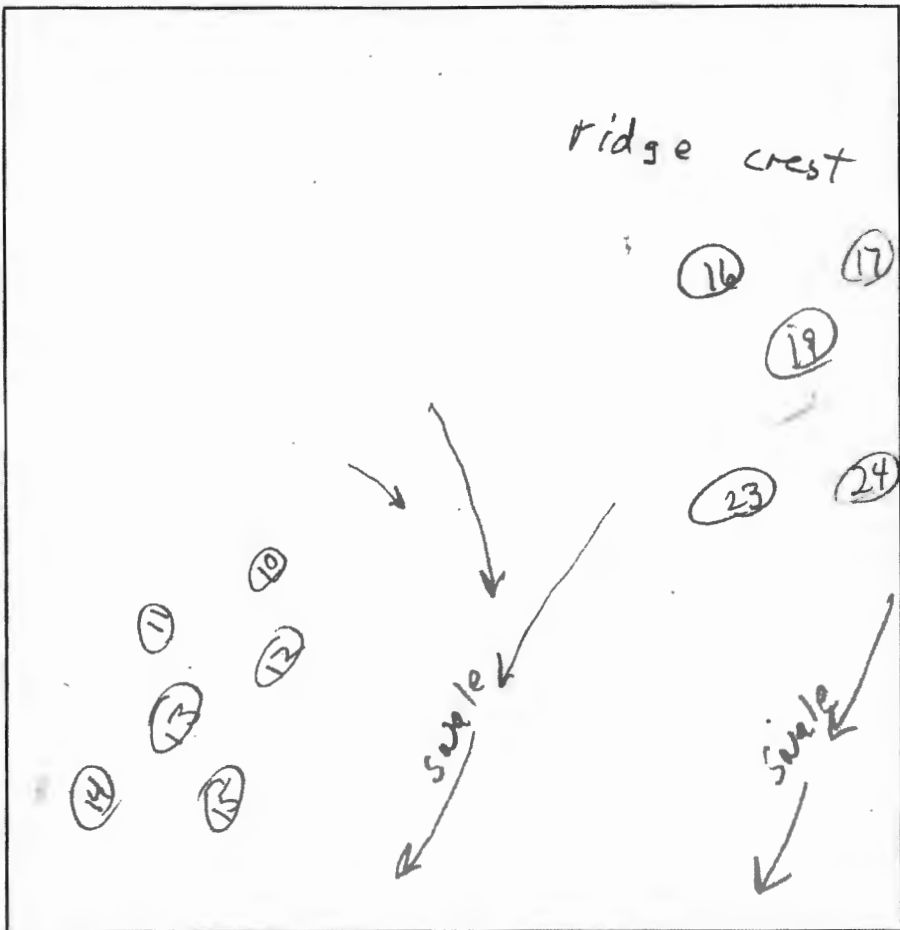
A/P \_\_\_\_\_

TP 12

0.3' dk brn sl  
 red brn grscl  
 1' fslbk  
 2' dk yel-brn  
 sl, many mica  
 Seprolite  
 6' yel-brn stsl  
 many mica  
 few channels  
 schist part  
 material

4.5' TP 14

0.6' dk brn sl  
 common mica  
 2' brn sl  
 1msbk  
 2' dk yel-brn  
 sl, many  
 mica  
 5' yel-brn stsl  
 11' yel-brn vstsl  
 -50% rock  
 many Mn & Fe  
 coatings  
 12'



24  
 0.3' dk brn loam  
 common mica  
 1' brn sl  
 2msbk  
 2' vel red sl  
 common mica  
 4' pale red  
 H. brn fsl, qm  
 5' dk yel-brn  
 sl many fine mica  
 few channels  
 11' pale yellow  
 chsl; Fe & Mn  
 coatings  
 12' H. grey sl  
 14' 3mpl

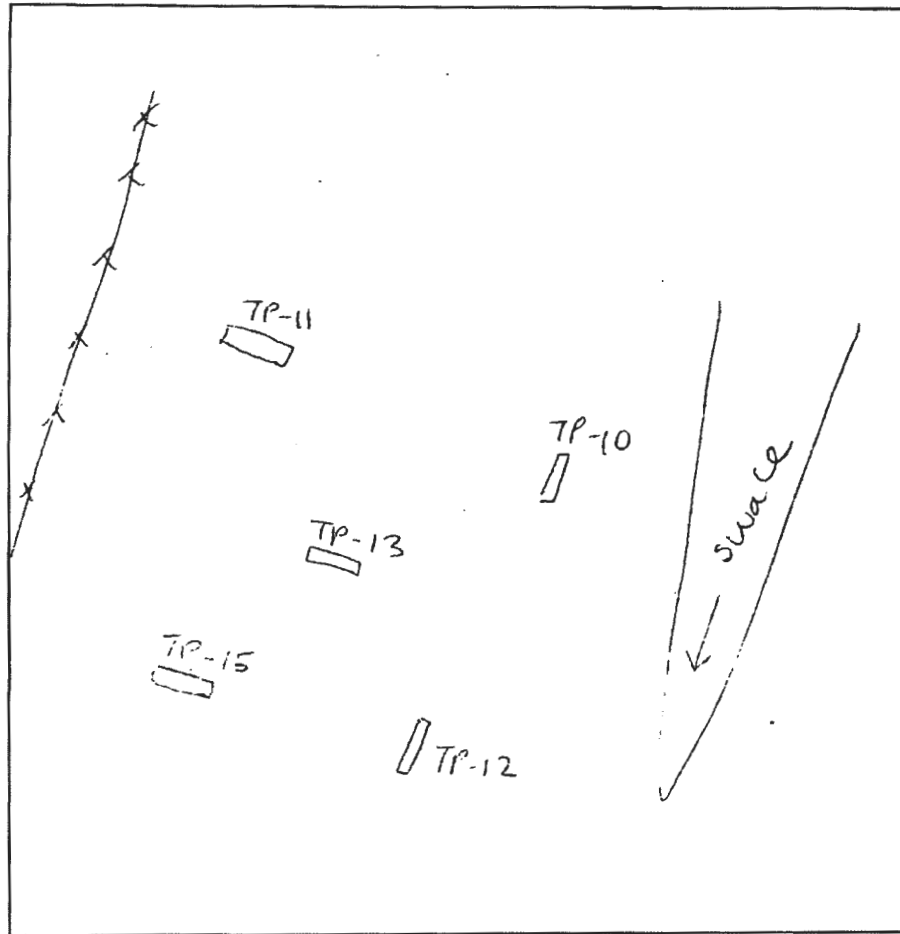
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2/9/09	12	3.5' / 4.5' / 5.5'	5.5	9	13.5	4.5	P
2/9/09	14	4.5' / 11'	0	3	8	5	P
2/9/09	24	6.7' / 11'	0	3.5	8	4.5	P
2/9/09	17	3.7' / 8.5'	0	3.5	9.5	6	P

17  
 0.3' dk brn loam  
 brn scl  
 (frozen)  
 1' red scl  
 2 fslbk  
 2.5' red & brn  
 w/black lithochromes  
 fsl  
 many fine mica  
 11' pale yellow  
 & pale red  
 & H. brn  
 1mpl  
 13.5'

REMARKS \_\_\_\_\_  
 SANITARIAN RB/US BACKHOE Robert Fyock OTHERS Chris  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

AVP

**TP-15**  
 1.2' brn & sbk  
 org brn scl 1msbk  
 15% chert  
 2.2' brn fsl micaceous Saprolite  
 ↓  
 yellow brn fsl micaceous Saprolite  
 Mn / mottles  
 moist + 2.5'



**TP-11**  
 .5' brn & sbk  
 org brn scl 1msbk  
 many mica  
 2.2' brn fsl  
 ↓  
 brn fsl  
 30% channels  
 many mica  
 saprolite  
 ↓  
 13' 35% refrags

**TP-13**  
 same as TP-15

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/M
	TP-15	3.5' / 13.5'	12:46	12:47	12:52	5	P
	TP-13	14'	visual	OK	→		P
	TP-10	3.8' / 14'	∅	5.5	12.5	7	P
	TP-11	4.4' / 13'	1:00	1:03	1:07	4	P

**TP-10**  
 .5' brn & sbk  
 org brn scl / scl  
 2msbk  
 3' org brn scl many mica  
 4.5' brn fsl micaceous Saprolite  
 Mn Fe deposits  
 ↓  
 14'

REMARKS Lot 2 (holes 12 & 14 on separate sheet)  
 SANITARIAN HS/RB BACKHOE Fyock OTHERS Chris  
 TEST HOLES USED IN SDA 4 AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH 3 INLET DEPTH 2-3 MAX. BOT DEPTH 6 EFFECTIVE SW 3

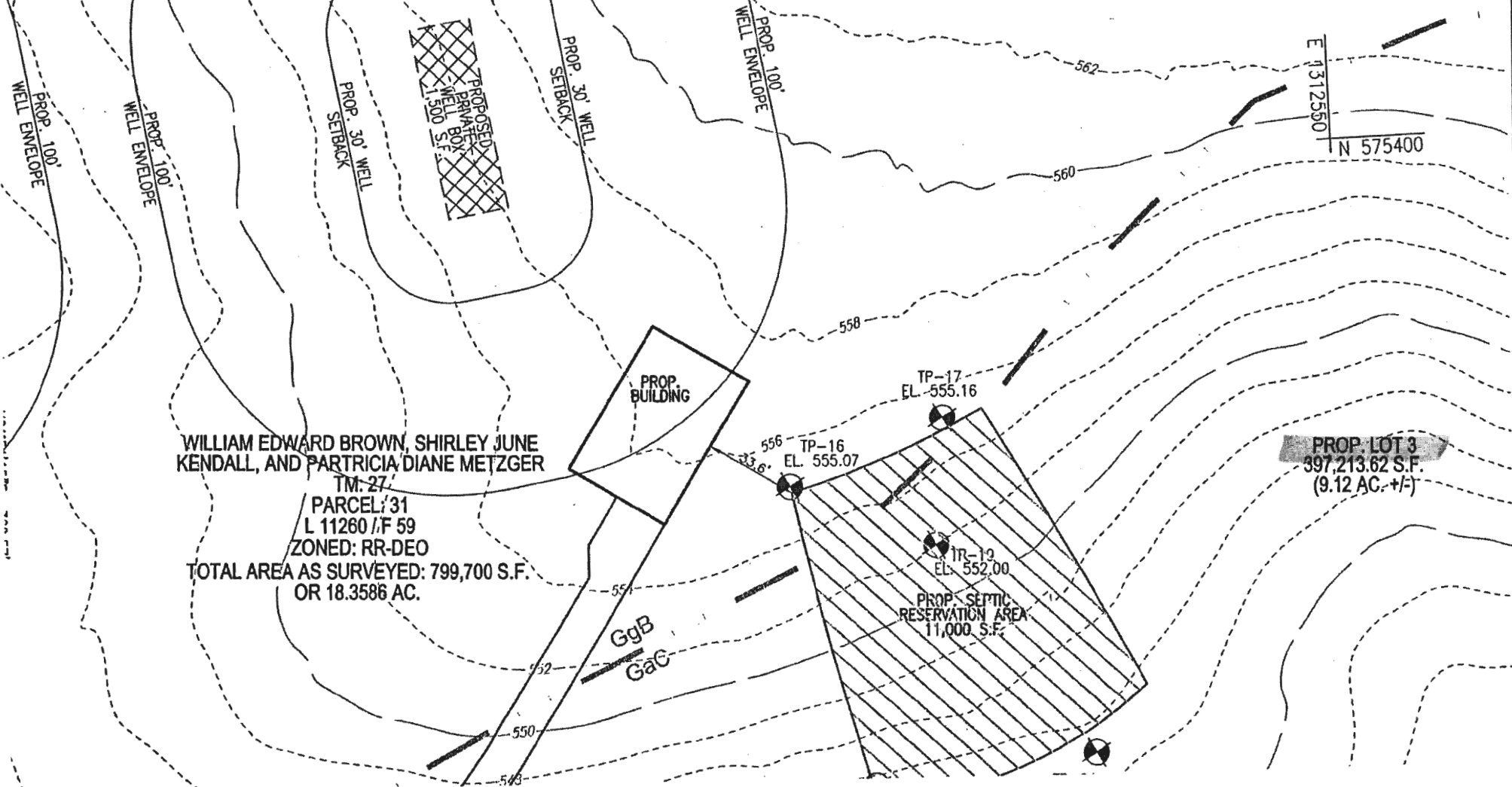
ERS PARTNERSHIP  
I: 28  
CEL: 1  
/F 689  
RC-DEO

Approved for cert  
8-12-09

4" E

950.90'

S87°16'34"E 581.62'



WILLIAM EDWARD BROWN, SHIRLEY JUNE  
KENDALL, AND PATRICIA DIANE METZGER  
TM. 27

PARCEL: 31  
L 11260 /F 59  
ZONED: RR-DEO  
TOTAL AREA AS SURVEYED: 799,700 S.F.  
OR 18.3586 AC.

PROP. LOT 3  
397,213.62 S.F.  
(9.12 AC. +/-)

TP-19  
EL. 552.00  
PROP. SEPTIC  
RESERVATION AREA  
11,000 S.F.

PROP. BUILDING

GgB  
GaC

DATE

