



# 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 8101 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 80 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

A/P

**TP-101**

1' brn l  
1 fsk wet

3.5' brn scl  
2 fsk  
15% chert  
moist

yellow brn  
sl

↓ multi-color  
fs l  
many mica

10.5' Mn+Fe  
deposits  
slight mottles  
@ 12'

14' bottom

**TP-102**

8' dk brn l  
1 fsk

brn scl  
1 csk moist

3.3' brn sl  
many mica

↓

8.5' brn fs l

↓

Mn enrichments  
@ 10.5'  
sticky/smearing  
@ 12'

**TP-0**

1' brn l sbk

red brn  
scl 2 csk  
moist

3' red brn  
sl 1 csk  
few mica

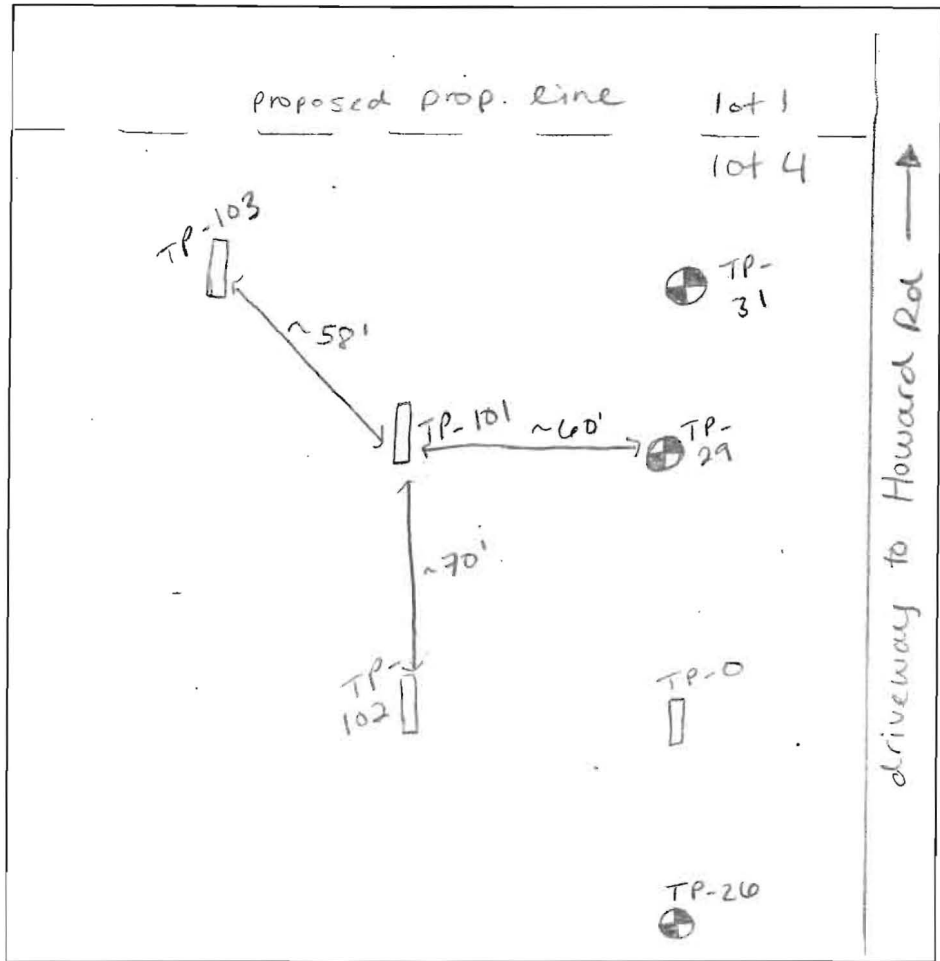
↓

massive  
red brn  
l

↓

12' white/gray  
sticky mottles  
seepage @  
14'

bottom 14'



**TP-103**

brn l .8'

red brn  
scl 2 csk 3'

red brn  
sl

↓

red/yellow  
brn fs l  
many mica  
similar to  
101+102  
gray smearing  
@ 9.5'

13'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H	
4-16-09	TP-101	5.4' / 14.5'	9:32	9:38	9:49	9	P	
	TP-102	4.8' / 15'	9:47	9:51	9:55	4	P	
	TP-0	14'	OBSERVATION					
	TP-103	4.5' / 13'	10:21	10:25	10:28	3	P	

REMARKS 4-14/4-15 constant rain both days upper 2' very moist

SANITARIAN HS BACKHOE Fyock OTHERS Reggie / Willie

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

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

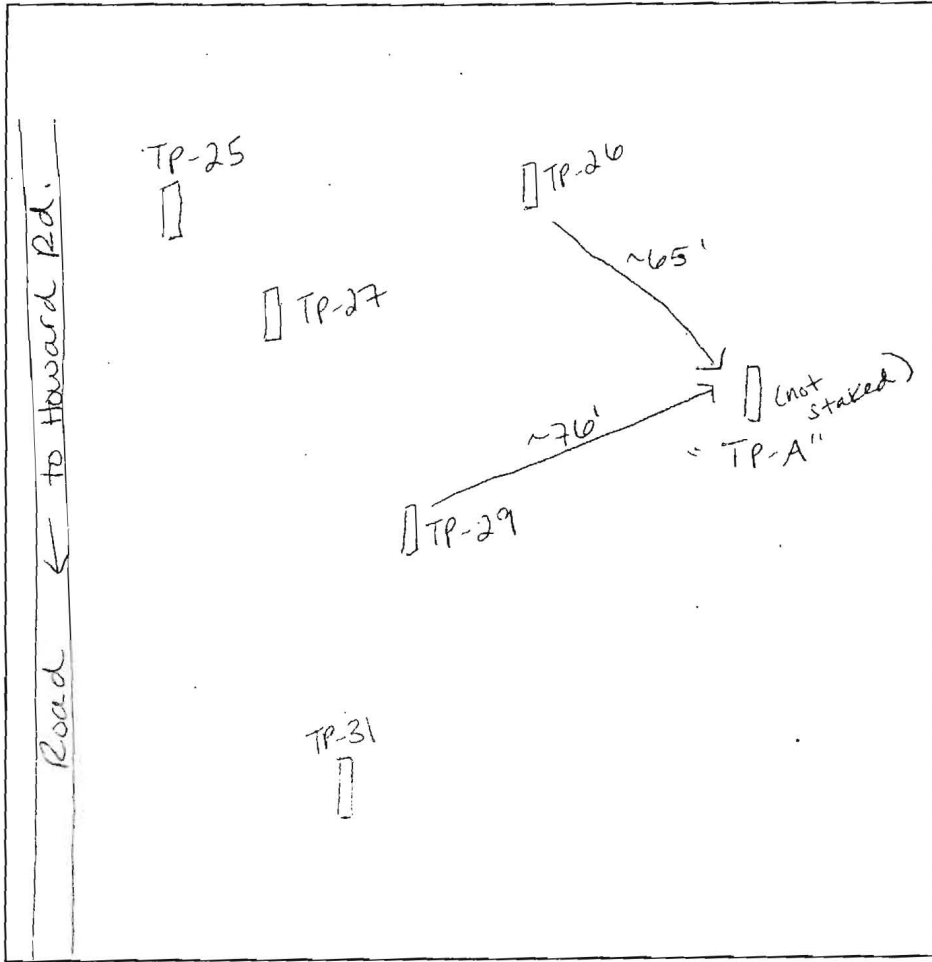
holes not staked

AVP

TP-31  
 8' brn l  
 4.5' red brn s.l  
 2 csbk  
 yellow brn fsl many mica  
 ↓  
 Cave-in @ 8' flaggy mica schist Mn coatings mottles  
 13' H<sub>2</sub>O

TP-29  
 1' brn l sbk  
 5' red brn s.l 30% channers  
 yellow brn fsl sapselite  
 ↓  
 brn coarse s.l sapselite Mn  
 13' moist H<sub>2</sub>O ↓

TP-26  
 1' brn l  
 1' brn s.l 1 csbk  
 1' yellow brn s.l 15% coarse chert  
 ↓  
 brn s.l cave-in @ 11' / mottles Mn coatings & 20% quartz  
 5' H<sub>2</sub>O



TP-25  
 dk brn l  
 brn s.l  
 2 msbk 2.5'  
 red brn s.l sticky wet mottles @ 6.5'  
 Fe+Mn deposits see page @ 11

TP-27  
 same as TP-25 mottles @ 7'

TP-A  
 5' brn l sbk  
 4' org/yellow brn s.l  
 yellow brn fsl many mica sapselite moist  
 ↓  
 yellow brn s.l mottles @ 9.5' sapselite  
 ↓ 14'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2-9-09	TP-31	4' / 13.2'	10:29	10:33	10:37	4	P
	TP-29	4' / 13'	10:43	11:00	11:18	18	P
	TP-26	5' / 15'	10:57	11:11	11:39	27	P
	TP-25	11'	visual				F
	TP-27	14'	visual				F
	TP-A	5' / 14'	11:31	11:34	11:39	6	P

REMARKS Lot 4  
 SANITARIAN HB BACKHOE Fyork OTHERS  
 TEST HOLES USED IN SDA 4 AVG. PERC TIME SQ. FT/BR  
 TRENCH WIDTH 3 INLET DEPTH 2 MAX. BOT DEPTH 7 EFFECTIVE SW  
 depends on wet season

ERSHIP

MULLINI

Approved Per cert  
8-12-09

S E

587'16.34' E 369.28'

TP-25  
EL. 524.35

TP-27  
EL. 525.19

TP-26  
EL. 526.57

TP-102  
EL. 531.27

TP-29  
EL. 526.61

TP-A  
EL. 529.80

TP-101  
EL. 531.92

TP-31  
EL. 527.19

TP-103  
EL. 532.48

PROP. SEPTIC  
RESERVATION AREA  
11,000 S.F.

PROP. BUILDING

PROP. LOT 4  
134,037.63 S.F.  
(3.08 AC. +/-)

PROP. 100'  
WELL ENVELOPE

PROP. 30' WELL  
SETBACK

FUTURE 16" WIDE  
USE-IN-COMMON DRIVEWAY

EX. BUILDING

EX. WELL

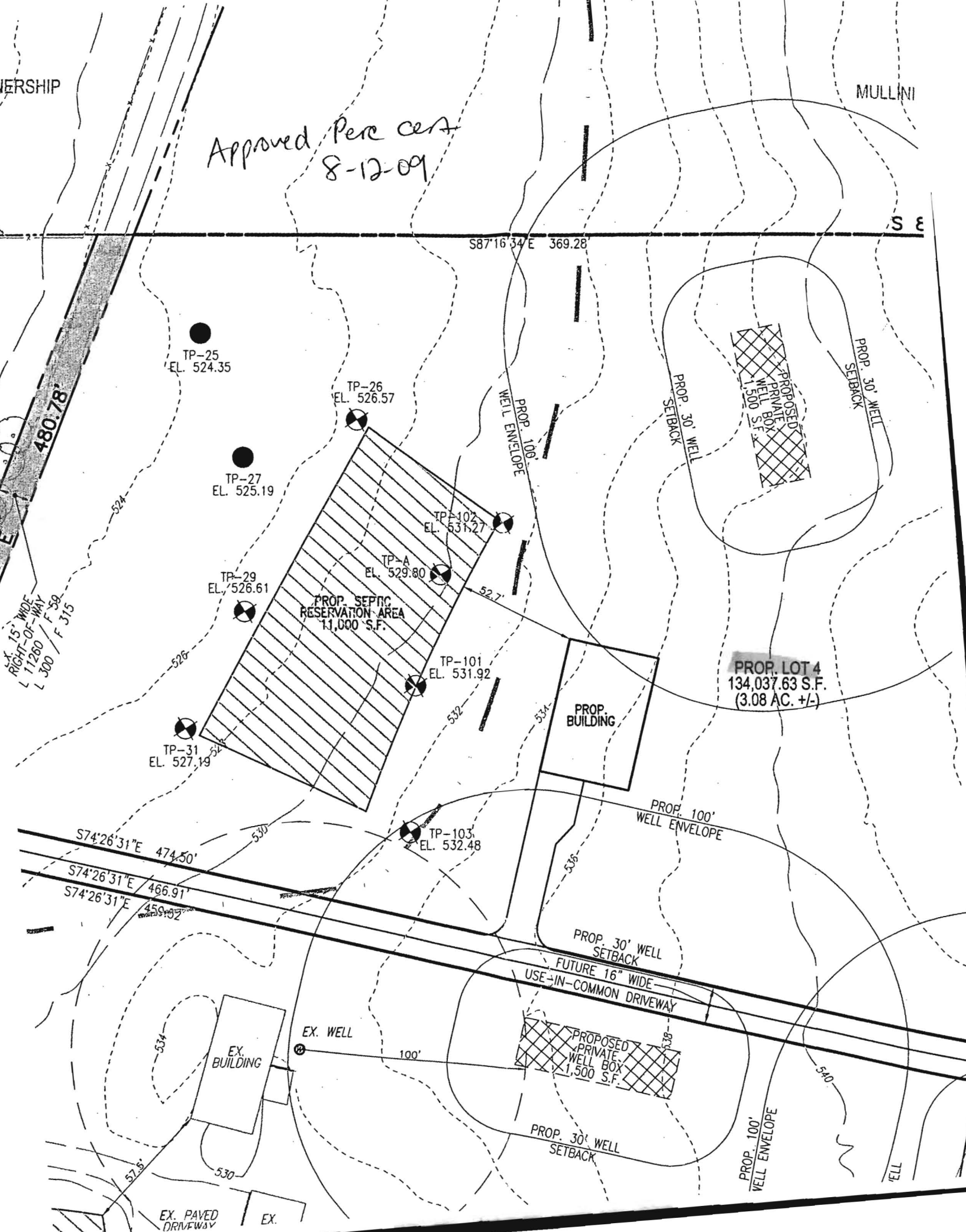
PROPOSED  
PRIVATE  
WELL BOX  
1,500 S.F.

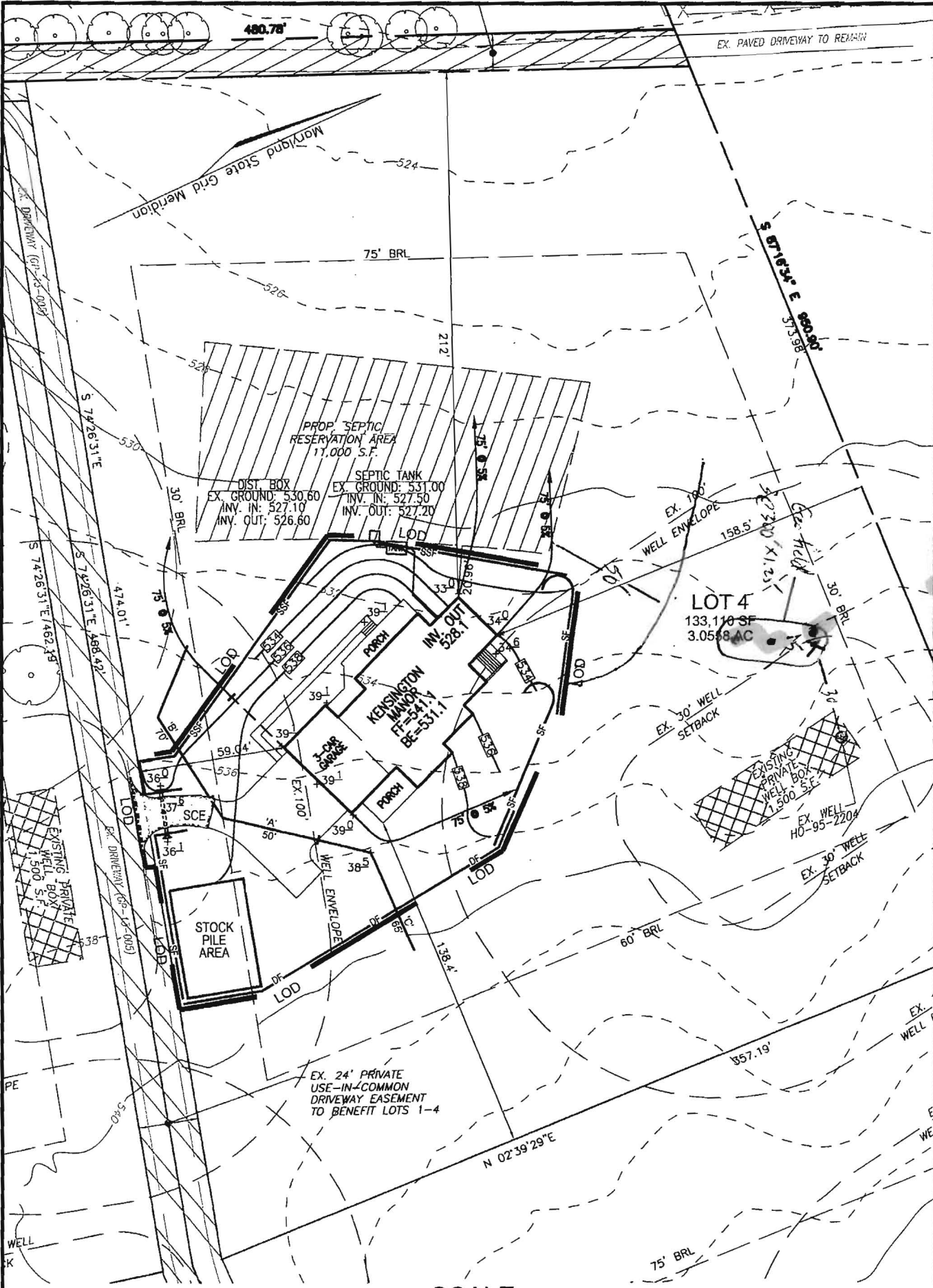
PROP. 30' WELL  
SETBACK

PROP. 100'  
WELL ENVELOPE

EX. PAVED  
DRIVEWAY

EX.





OK as revised  
 JWS  
 7/5/13

**SCALE**

SCALE: 1"=50'

**OWNER**

JONATHAN STUDDARD