



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

Lot 2

TEST DATE(S) _____ TEST TIME _____

AP 528406-A

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 4 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) Allen & Wanda Hudson

DAYTIME PHONE _____ CELL 443-250-1663 FAX _____

MAILING ADDRESS 14010 Forsythe Road Sykesville, Maryland 21784
STREET CITY/TOWN STATE ZIP

APPLICANT LDE, Inc. (Steve Heiss)

DAYTIME PHONE 410-715-1070 CELL 443-928-4135 FAX 410-715-9540

MAILING ADDRESS 9250 Rumsey Rd Columbia, Maryland 21045
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Hudson Property LOT NO. 2

PROPERTY ADDRESS 14010 Forsythe Road Sykesville, Maryland 21784
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 8 GRID 6 PARCEL(S) 39 PROPOSED LOT SIZE 49,253 s.f.

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.

Steve Heiss
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

| DATE | TEST # | DEPTH | START | BREAK 1" DROP | STOP 2" DROP | TIME OF 2ND INCH | P/F/H |
|------|--------|-------|-------|------------------|-----------------|---------------------|-------|
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REMARKS _____

SANITARIAN _____ BACKHOE _____ OTHERS _____

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

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

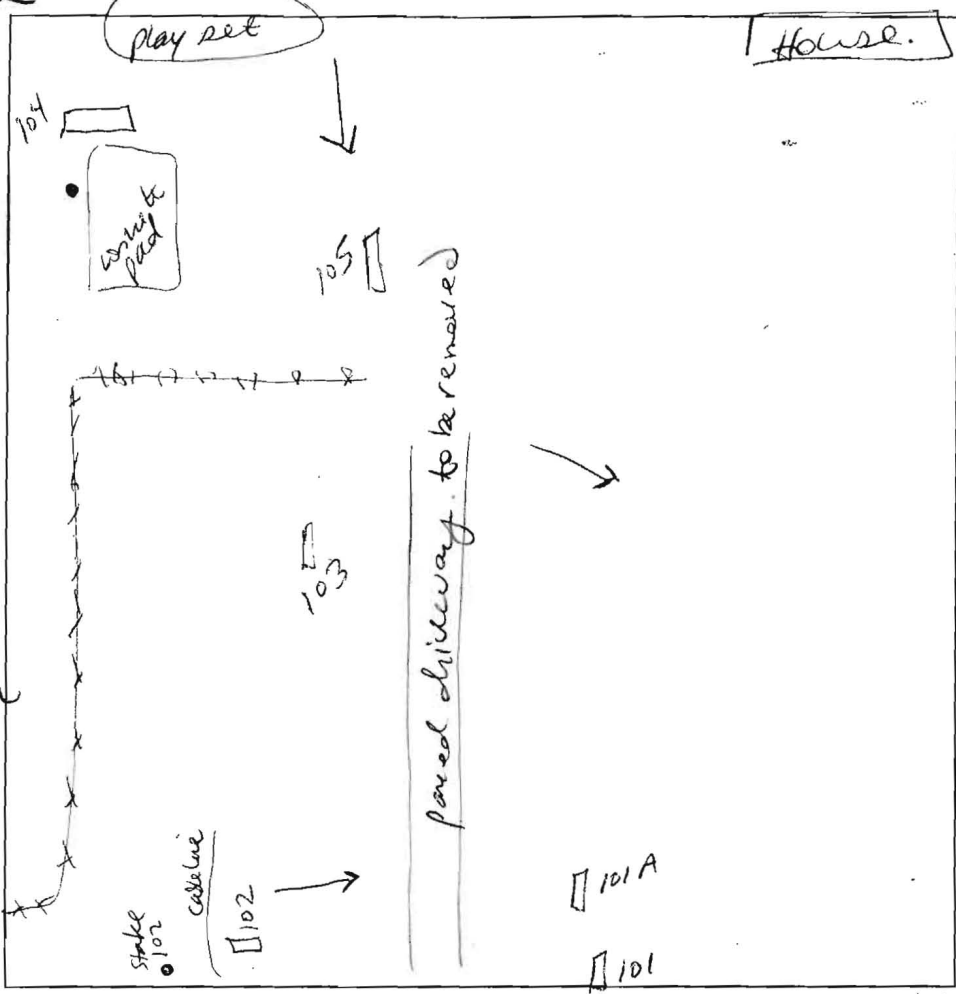
Lot #2

AP

101
 1' dark brn sl sbk
 4' st. brn fine scl micaceous
 50% stony pale brn coarse ls sg.
 10'4" puddle of water @ bottom

101A
 1' brown sl sbk
 3'5" brown fine scl sbk micaceous
 brown heavy & sl sg micaceous
 saprolite 10% chert
 5' brown med. sl sg micaceous
 11' water level
 14'

102
 9" dark brn & sbk sl chert
 brown med. sl sg
 2' pale brown med. sl sg mod cementation
 Saprolite trace rock
 ? brown med. sl
 9' 15% chert coarse brown chert
 med. sl sg
 14' f(i) mottles (pale brn, brn yellow)



103
 1'4" dark brn & sbk
 st. brn fine scl sbk micaceous
 3'1/2" med. scl sbk micaceous
 4'1/2" brown pale brn med. sl sg micaceous saprolite cw 5% chert
 15'3"

104
 6' dark brn & sbk
 brn cl sbk micaceous
 brn heavy med. sl 15% chert
 6'4" brn med. sl sg micaceous
 8' med. sl sg micaceous

105
 5'5" dark brn & sbk
 brn fine scl sbk micaceous
 6'6" brn med. sl sg heavy
 brn med. sl sg micaceous
 14' pale brn med. sl sg cw saprolite 10% chert quartz

| DATE | TEST # | DEPTH | START | BREAK 1" DROP | STOP 2" DROP | TIME OF 2ND INCH | P/F/H |
|---------|--------|----------------|-------|---------------|--------------|------------------|-------|
| 4/25/08 | 101 | 10'4" | | Rock | | | F |
| | 101A | 4'1/2" / 14' | 9:33 | 9:51 | 10:25 | | |
| | " | 5' | 11:35 | 11:50 | 12:18 | 28 | P |
| | 102 | 3'7" / 14' | 9:57 | 9:59 | 10:03 | 4 | P |
| | 103 | 5'6" / 15'3" | 10:19 | 10:29 | 10:46 | 17 | P |
| | 104 | 7'1/2" / 14'5" | 10:46 | 11:10 | NO movement | | |
| | " | 8' | 11:19 | 11:25 | 11:37 | 12 | P |
| | 105 | 7'1/2" / 14' | 11:13 | 11:17 | 11:28 | 11 | P |

#102 was moved down to avoid hitting cable line
 EAC 3-35

REMARKS #104 EA @ 8', #105 EA @ 6' #103 EA @ 4'1/2 #101A Sat @ 5' ES
 SANITARIAN SS BACKHOE Souder OTHERS

TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SAW _____

tested during wet season 08 6' buffer to water baffle filter
 371/100
 0.8

Stream

5

6

APV

(4)

1' brown l
2' brown sl sg
pale brown med sl sg
3' St. brown med sl/ls sg
14' Saprolite

4' chert
2'

downhill

7A

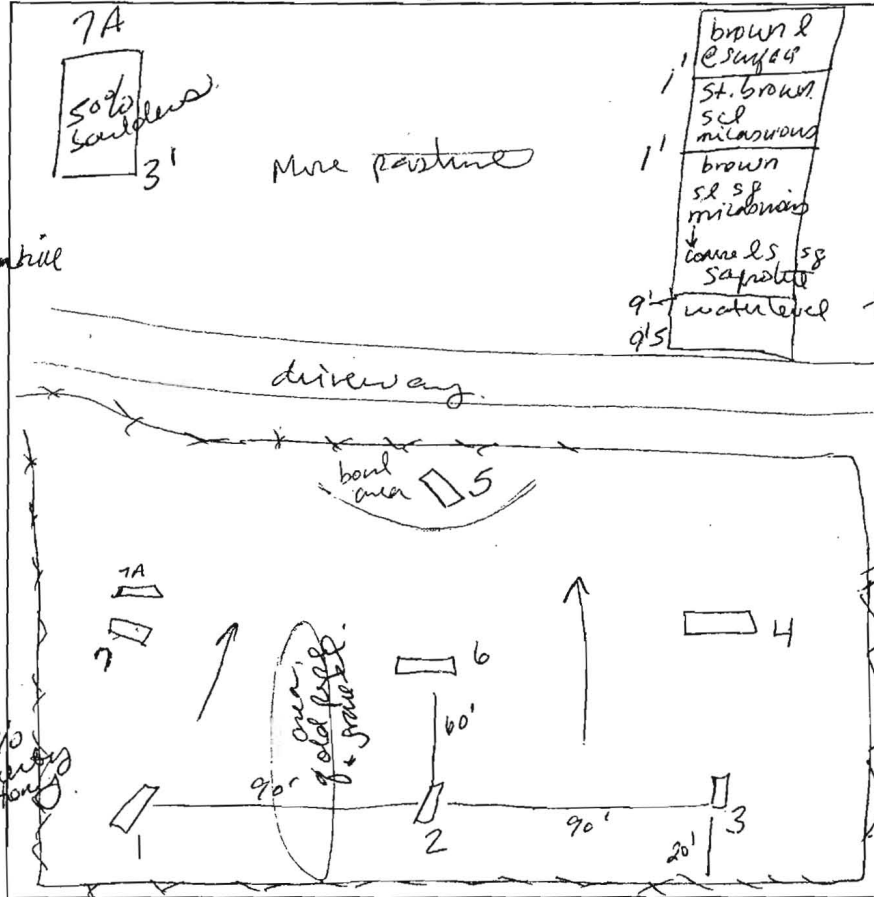
50% boulders
3'

Mud pasture

1' brown l
1' St. brown scl sbk micaceous
1' brown sl sg micaceous
9' coarse ls sg
9' Saprolite
water level

trace rock

1' dark brown l sbk
1' St. brown scl sbk micaceous
1'8" pale brown sl sg micaceous
3' Saprolite
3' pale brown med. sl/ls sg Saprolite
14' un cemented. pale brown med. coarse ls sg Saprolite



(1)
1' dark brown l
1' brown red scl sbk
2' pale brown med. sl sg
3' Strong cemented Saprolite
14' pale brown med. sl/ls sg weaker cemented Saprolite

trace rock
3'
roots below 5'

10% chert
strong

| DATE | TEST # | DEPTH | START | BREAK 1" DROP | STOP 2" DROP | TIME OF 2ND INCH | P/F/H |
|---------|--------|---------------|-------|---------------|--------------|------------------|-------|
| 3/14/08 | 1 | 4' 1/2 / 14' | 9:46 | 9:49 | 9:58 | 9 | P |
| | 2 | 4' 1/2 / 14' | 10:09 | 10:23 | 10:47 | 24 | P |
| | 6 | 4' / 14' | 10:33 | 10:37 | 10:45 | 8 | P |
| | 7 | 4' / 13' | 10:54 | | | | |
| | | 5' | 11:04 | 11:17 | 11:36 | 19 | P |
| | 3 | 4' 3" / 15' | 11:22 | 11:26 | 11:31 | 5 | P |
| | 4 | 14' | | | visual | | P |
| | 5 | 3' 8" / 9' 5" | 2:37 | 2:50 | 3:08 | 18 | P |
| | 7A | | | | 50% boulders | | F |

3' 10" trace rock

(7)
1' dark brown l sbk roots
1' St. brown scl sbk 10% chert
3' 2" brown heavy sl sg medium
3' 10" brown sl sg weak cemented
13' pale brown ls Saprolite

(2)
1' dark brown l sbk
1' brown red scl sbk
2' 1/2 brown heavy coarse sl sg
3' 8" pale brown coarse sl sg cemented
5' 35% chert
1/2 35% chert
14' 15% chert

(3)
1' dark brown sl sbk roots
7" St. brown scl sbk
2' heavy sl med. sg
3' 5% chert
brown med. sl
St. brown med ls sg Saprolite

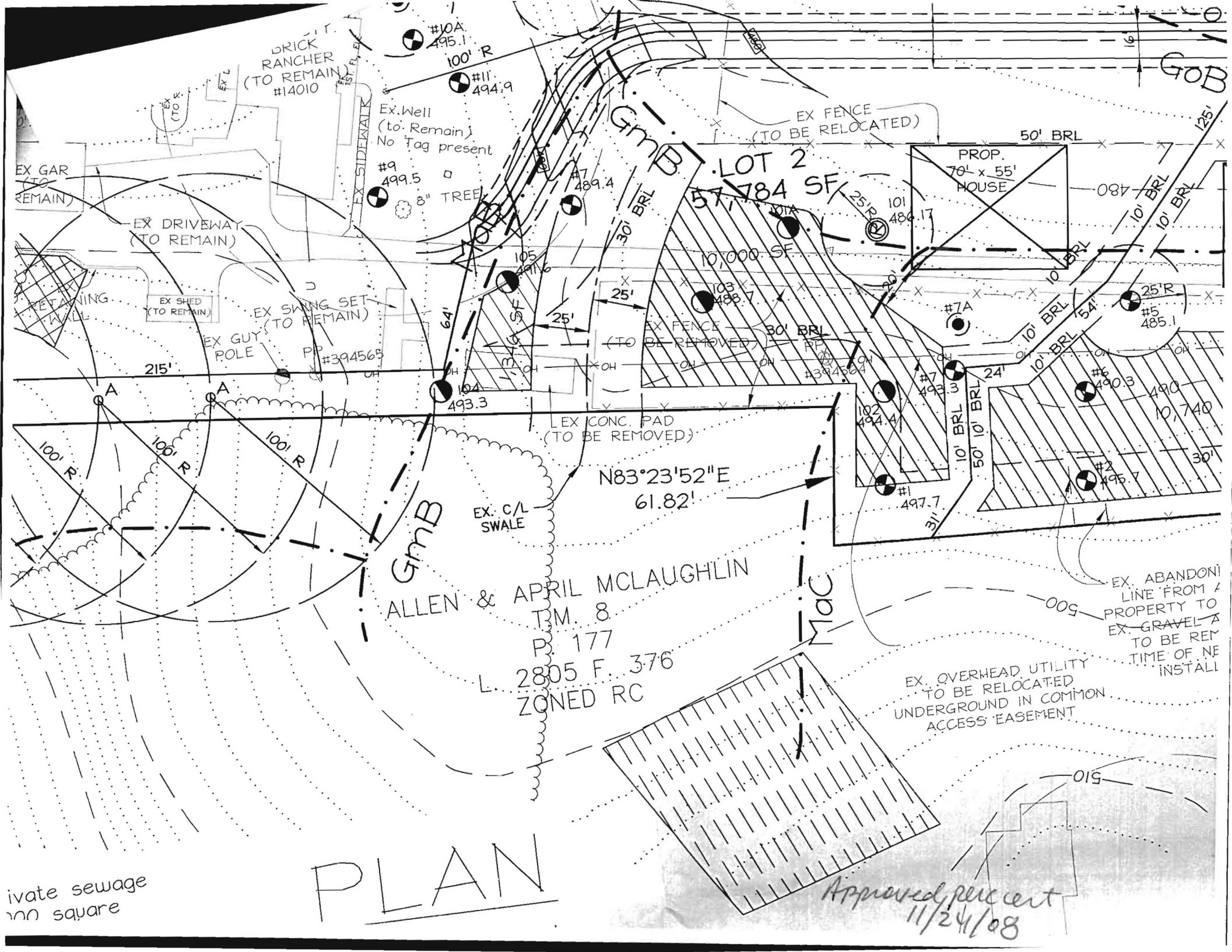
REMARKS #4 EAC4

SANITARIAN SS BACKHOE Sander OTHERS S. Herp/owner

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

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

#5 passed during wet season but due to landscape position keep 25' off it



EX GAR
(TO REMAIN)

EX DRIVEWAY
(TO REMAIN)

RETAINING WALL

EX SHED
(TO REMAIN)

EX SWING SET
(TO REMAIN)

EX GUY POLE

PP #394563

215'

100' R

106' R

100' R

GmB

ALLEN & APRIL MCLAUGHLIN
T.M. 8
P. 177
L. 2805 F. 376
ZONED RC

N83°23'52"E
61.82'

EX. C/L SWALE

EX CONC. PAD
(TO BE REMOVED)

GmB

LOT 2
57,784 SF

EX FENCE
(TO BE RELOCATED)

PROP.
70' x 55'
HOUSE

50' BRL

480

GOB

25'

10' BRL

10' BRL

25'R

#7A

#5
485.1

#6
490.3

490

10,740

30'

#7
493.3

#10
492.4

#1
497.7

#2
495.7

EX. ABANDONED
LINE FROM A
PROPERTY TO
EX. GRAVEL
TO BE REMOVED
TIME OF NE
INSTALL

EX. OVERHEAD UTILITY
TO BE RELOCATED
UNDERGROUND IN COMMON
ACCESS EASEMENT

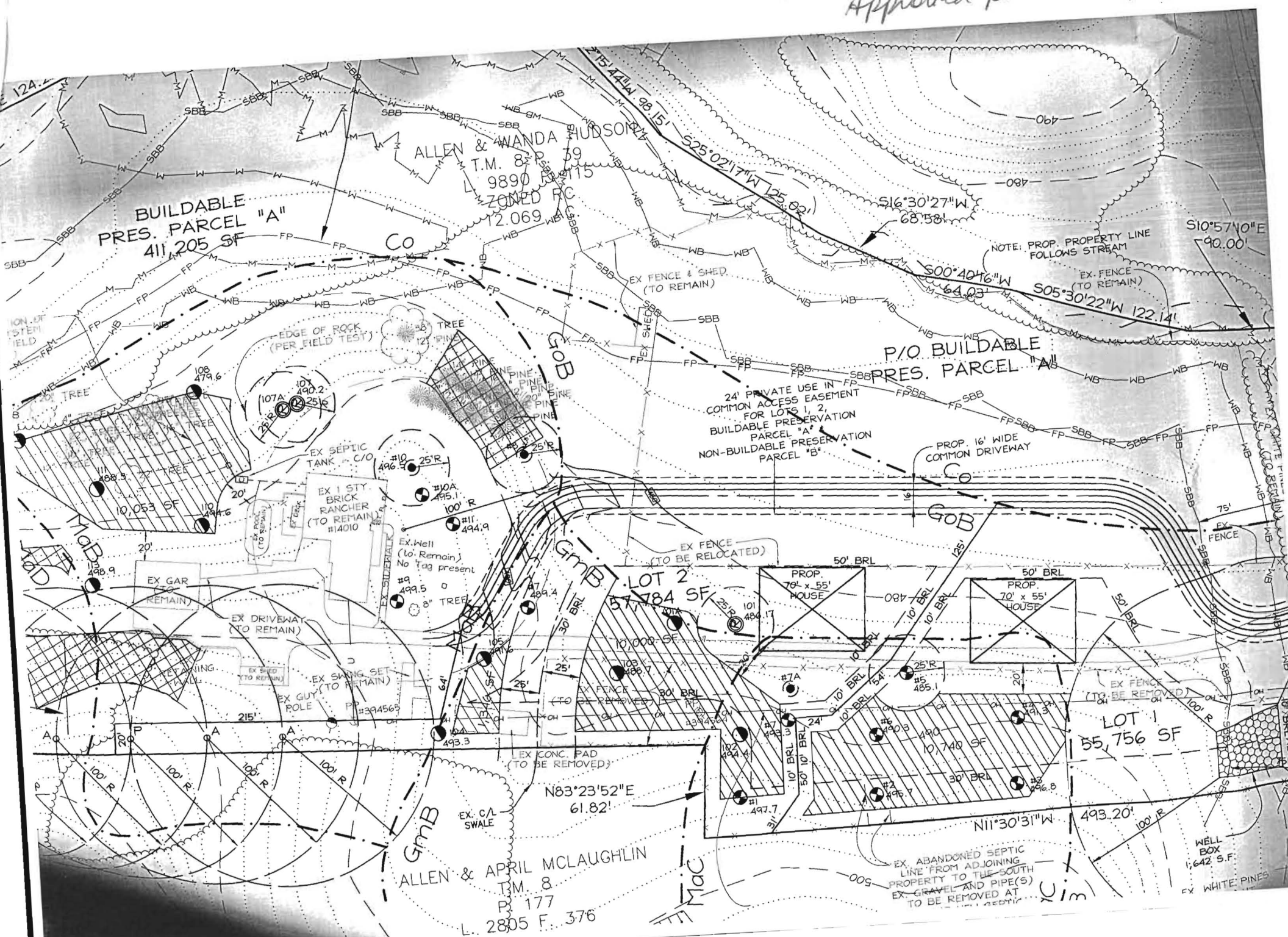
510

private sewage
man square

PLAN

Approved percent
11/24/08

Approved per cert 11/24/08



BUILDABLE PRES. PARCEL "A"
411,205 SF

ALLEN & WANDA HUDSON
T.M. 8
9890
ZONED P.C.
12,069

P/O BUILDABLE PRES. PARCEL "A"

24' PRIVATE USE IN COMMON ACCESS EASEMENT FOR LOTS 1, 2, BUILDABLE PRESERVATION PARCEL "A", NON-BUILDABLE PRESERVATION PARCEL "B"

LOT 2
57,784 SF

LOT 1
55,756 SF

ALLEN & APRIL MCLAUGHLIN
T.M. 8
P. 177
L. 2805 F. 376

NOTE: PROP. PROPERTY LINE FOLLOWS STREAM

PROP. 16' WIDE COMMON DRIVEWAY

EX. ABANDONED SEPTIC LINE FROM ADJOINING PROPERTY TO THE SOUTH EX. GRAVEL AND PIPE(S) TO BE REMOVED AT SEPTIC

WELL BOX 1,642 S.F.

EX WHITE PINES