

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 520449-A

AGENCY REVIEW: _____

DATE 10/29/04

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) Carlton E. Heyser, JR.

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 14526 New Hampshire Ave. Silver Spring, Md. 20904
STREET CITY/TOWN STATE ZIP

APPLICANT Highland Development Corp. Attn: Richard Demmitt

DAYTIME PHONE 410 531 5539 CELL _____ FAX _____

MAILING ADDRESS PO Box 228 Clarksville, Md. 21029
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME S. of Scaggsville Rd. (Rt. 216), E. of Browns Bridge Rd. LOT NO. 2

PROPERTY ADDRESS _____
STREET TOWN/POST OFFICE

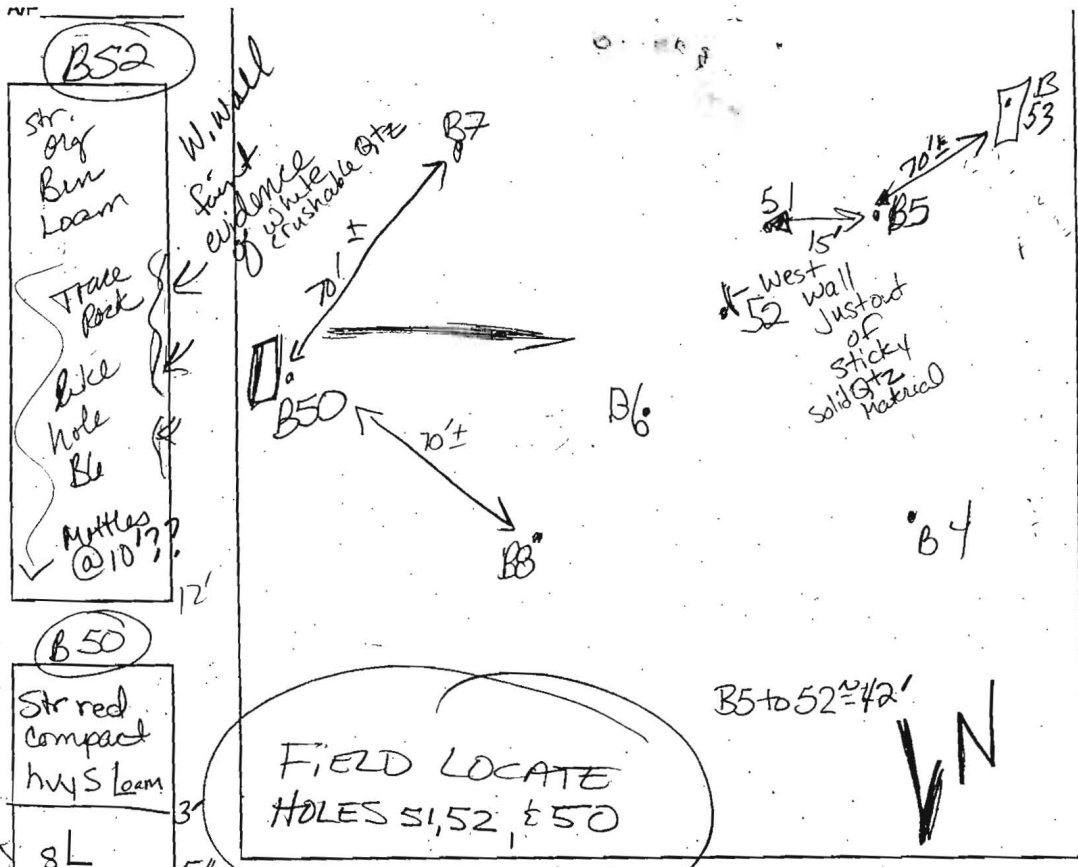
TAX MAP PAGE(S) 40 GRID 18 PARCEL(S) 178 PROPOSED LOT SIZE 49,837sf

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



(B7) (B8)
 Strong org compacted loam 4-4 1/2'
 wk.org
 v.f.s. loam to s.l. 10'±
 v.f. friable mass feel due to micaceous SAND

(B53)
 See B2 Descript Similar

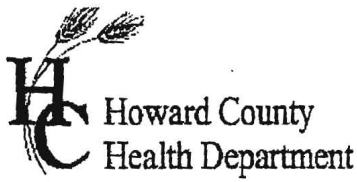
4" buffer barely

TRACE PT
 (B50)
 Str red compact hvy s loam 3'
 8L 5"
 SAND 10'
 Moist greyish white SAND
 Bottom 12'
 (B6)
 str org rd, 2mgr & lwsbk SIL-L 3'
 irreg. boundary w.c., sg, DK grey black white f-mgr SAND 10'
 Mittles greenish grey yellow str org concretions bottom 12'

| DATE | TEST # | DEPTH | START | BREAK 1" DROP | STOP 2" DROP | TIME OF 2ND INCH | P/F/H |
|--------|--------|--|---------------------|---------------|--------------|------------------|-------|
| 8/2/04 | B8 | 4'3" | 10:19 | 10:37 | 10:50 | 13 | OK |
| | B5 | 4'8" | 10:06 | 10:11 | 10:17 | 6 | M/H |
| | B6 | 4'6" | 10:20 | 10:37 | 10:54 | 17' | P |
| | B4 | SEE LOT 1 | NOTES | | | | M |
| | B7 | Visual | | | | | OK |
| | B5 | @ 11' Bottom Spallon | 10:44 ⁴⁵ | | | | F |
| | | @ 11:48am 1 1/2 gallon left @ 4:00pm 1/2 puddle 1/2 gal. there | | | | | |
| | B50 | 5' M | 4:03 | 4:08 | 4:15 | 7 | OK |
| | B53 | Visual | due to time | | | | OK |

REMARKS Post hole digger-sized holes
 SANITARIAN Kacie BACKHOE C Sharp OTHERS R. Demitt
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

MAINTAIN SHALLOW SYSTEM



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PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME S. of Scaggsville Rd. (Rt. 216), E. of Browns Bridge Rd. LOT NO. 1

PROPERTY ADDRESS _____
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 40 GRID 18 PARCEL(S) 178 PROPOSED LOT SIZE 48,071sf

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Richard Demmitt
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TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

B2

Strong org
w. cemented
SCLL gutter
skins

2 1/2' - 4'

org SLoam
w. C₂ S₁g

5'

SAND w/pockets
of SLoam

2.5y 6/1 (bluish)

org
wk yellow
w. cemented
md SAND gr.

Bottom 10'

B1

2' frag
stones
to 2' 2/3 ON
West
wall

brn loam
SBK & low platy str

2'

Dense org
rd loam / steam

4'

2.5y 6/1, 4/2, 7/3
Well drained

Wet/moist
SAND at 10' Bottom

B3 mono 6/1
100%

3' SBK tan, brn
y brn org
loam w/CLAY
SKINS

2'

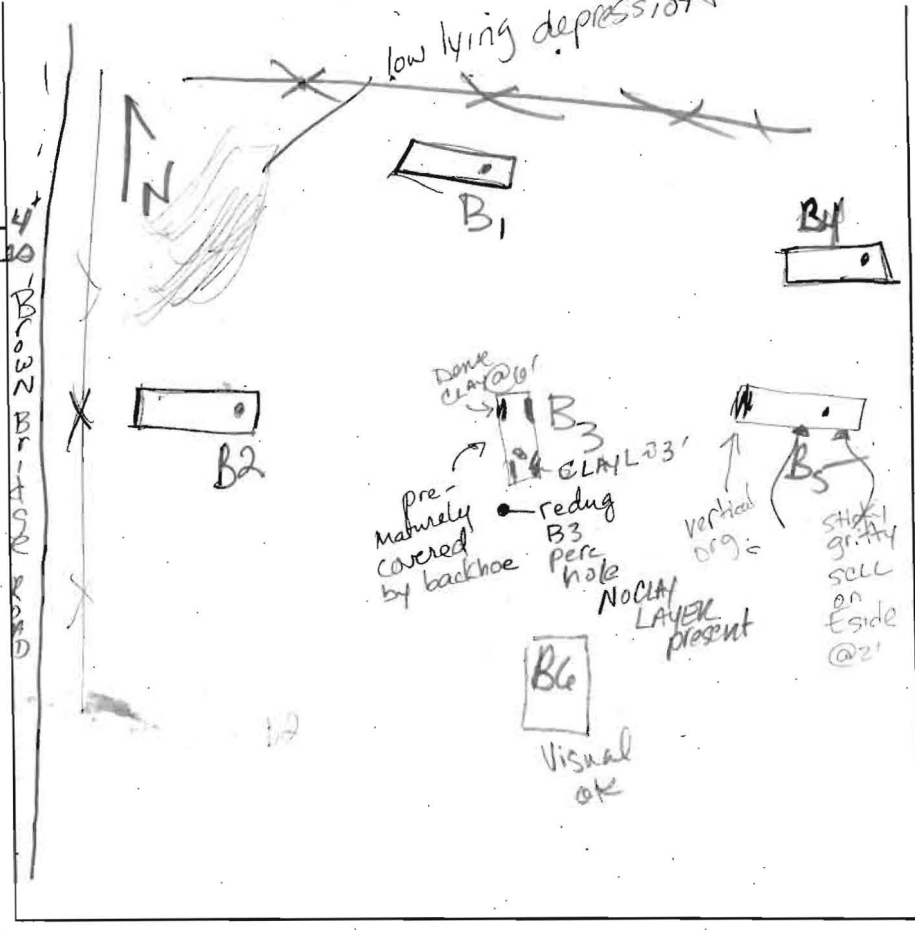
Dense
Strong org
red massive
CLL

low
chroma present

V. micaceous
med gr
sand

v. wk friable
spherulite
foliated rock

11' soil
SATURATION
water



| DATE | TEST # | DEPTH | START | BREAK 1" DROP | STOP 2" DROP | TIME OF 2ND INCH | P/F/H |
|--------|--------|--------|-------|------------------|-----------------|---------------------|-------------------|
| 8/2/04 | B2 | 4' 11" | 9:43 | 10:05 | 10:20 | 15 | OK |
| | B1 | 4' 12" | 9:44 | 9:45 | 9:47 | 2 | OK |
| | B3 | 7' 10" | 10:42 | 10:46 | 10:52 | 8 | MP |
| | B5 | 4' 8" | 10:06 | 10:11 | 10:17 | 6 | SEE BELOW F |
| | B4 | 3' 1/2 | 10:08 | 10:12 | 10:19 | 8 | M |
| | B6 | Visual | | | | | OK |
| | B5 | 5' 9" | 10:44 | 10:45 | | | F |

REMARKS: Post Hole Digger Size 6" Heavy Rain last two days

11:48 water in bottom standing 1 1/2 gal.

@ 4pm water still standing 2 gal

SANITARIAN _____ BACKHOE _____ OTHERS _____

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

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

B5

West wall
Dense red
CLL
to SCLL
w/pocket
of loam

Min white
at 2'
6" x 4" of loam

brittle w/ org
CLL between
prisms of lg. rock

B4

DK brn

2' ↓

SCLL
V. micaceous
org brn
rd br

@ 5 1/2
mottle
@ 7 1/2

2.5y 7/6
Matrix
w/ 2.5y 7/1
Steam 6/1

12' bottom
water redox
features

B6

RED granular

L

Trace R_c

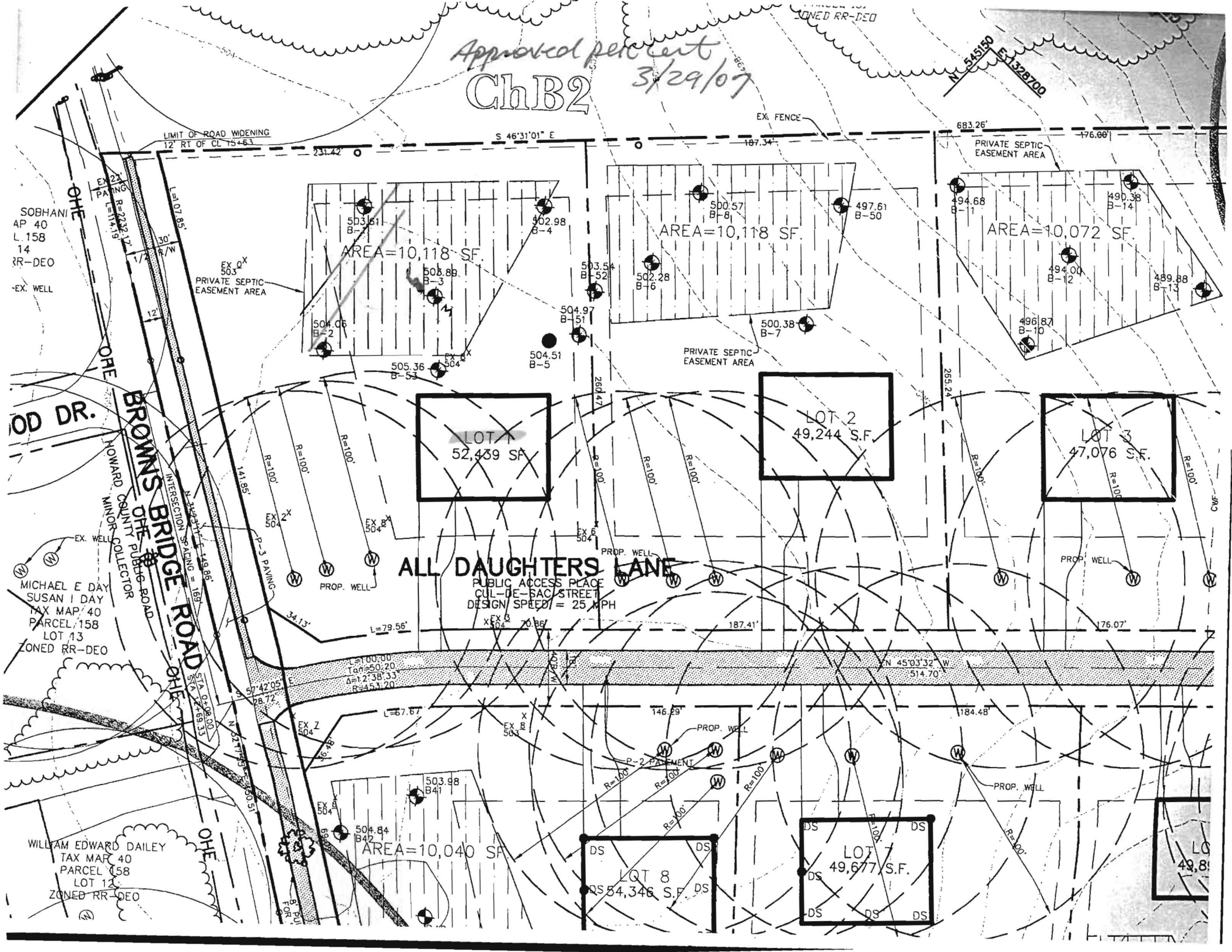
SL

S GRAINED

RECOMMEND
PRE-Tx

USE SHALLOW TRANSEVAP. STD
TRENCHES No Deeper than 3 1/2
inlet @ 1 1/2 to 2'

Approved per cert
ChB2 3/29/07



SOBHANI
AP 40
L 158
14
RR-DEO
EX WELL

MICHAEL E DAY
SUSAN I DAY
TAX MAP 40
PARCEL 158
LOT 13
ZONED RR-DEO

WILLIAM EDWARD DAILEY
TAX MAP 40
PARCEL 158
LOT 12
ZONED RR-DEO

AREA=10,118 SF.

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AREA=10,072 SF.

LOT 1
52,439 SF

LOT 2
49,244 S.F.

LOT 3
47,076 S.F.

ALL DAUGHTERS LANE

PUBLIC ACCESS PLACE
CUL-DE-SAC STREET
DESIGN SPEED = 25 MPH

AREA=10,040 SF.

LOT 8
54,346 S.F.

LOT 7
49,677 S.F.

LOT 4
49,810 S.F.

Revised PC
4/8/16

UTD

S 46°31'01" E

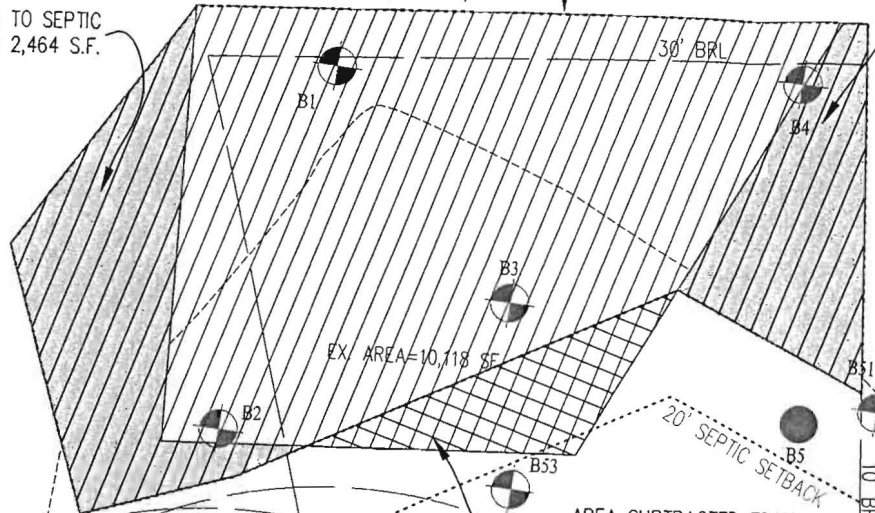
231.42'
LOT 1
52,439 SF

PRIVATE SEPTIC EASEMENT
AREA (P.N. 19877)

AREA ADDED TO SEPTIC
EASEMENT = 1,653 S.F.

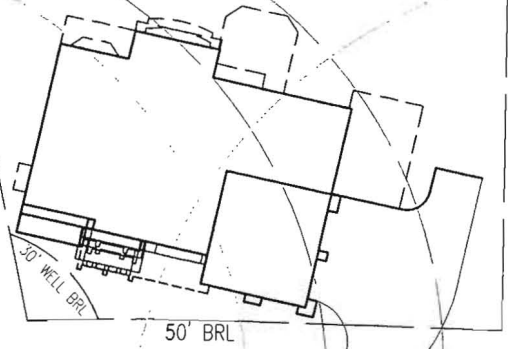
AREA ADDED TO SEPTIC
EASEMENT = 2,464 S.F.

PARCEL 158
LOT 14
ZONED RR-DEO



AREA SUBTRACTED FROM
SEPTIC EASEMENT = 982 S.F.

R=100' WELL CIRCLE
WELL TAG # H0-95-1308
TOP=506.73
F.G.=505.07



GREENWOOD DR.

MICHAEL E DAY
PARCEL 158
LOT 13
ZONED RR-DEO

BROWNS BRIDGE ROAD
HONNARD COUNTY PUBLIC ROAD
MINOR COLLECTOR

EX. WELL

W

W

W

1+00
PT = 1+28.77
2+00

PD = 0+28.72

8' PUBLIC DRAINAGE
& UTILITY EASEMENT
(P.N. 19877)

AREA ADDED TO SEPTIC
EASEMENT = 610 S.F.

R=100'-WELL CIRCLE
WELL TAG # H0-95-1315
TOP=505.75
F.G.=503.59

PARCEL 158
LOT 12
ZONED RR-DEO

