



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 535988

AGENCY REVIEW: _____

DATE 9-30-11

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) Viram Patel

DAYTIME PHONE _____ CELL 301-366-9968 FAX _____

MAILING ADDRESS 12320 Scaggsville Rd, Fulton, MD 20759
STREET CITY/TOWN STATE ZIP

APPLICANT Viram Patel

DAYTIME PHONE _____ CELL 301-366-9968 FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Patel Property - Parcel 108 LOT NO. —

PROPERTY ADDRESS 12320 Scaggsville Rd, Fulton, MD 20759
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 40 GRID 18 PARCEL(S) 108 PROPOSED LOT SIZE N/A

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.

V. Patel
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
1718 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

For New Residence at 12320 Seaggsville Rd.

A/P

P2-108

dk brn
to pale yel brn
gtl 0.8'
brn grcl 1.4'
yel-red grcl 2.6'
C. mica
brn, yel-brn
& grey brn
sl heavy mica
red, yel-red,
red-yel & grey brn
sl, many mica
red-yel loam
w/ pale yellow
& red C - 14.5

P4-108

dk grey brn L
pale yel-brn grl
yel-red cl
2msbk to 0.8'

yel-brn L
heavy brn sl
grey-brn yellow
& red yellow sl
grey sl
pale yellow
white
water seeps 12.5'

dk grey & grey
w/ pale yel sl

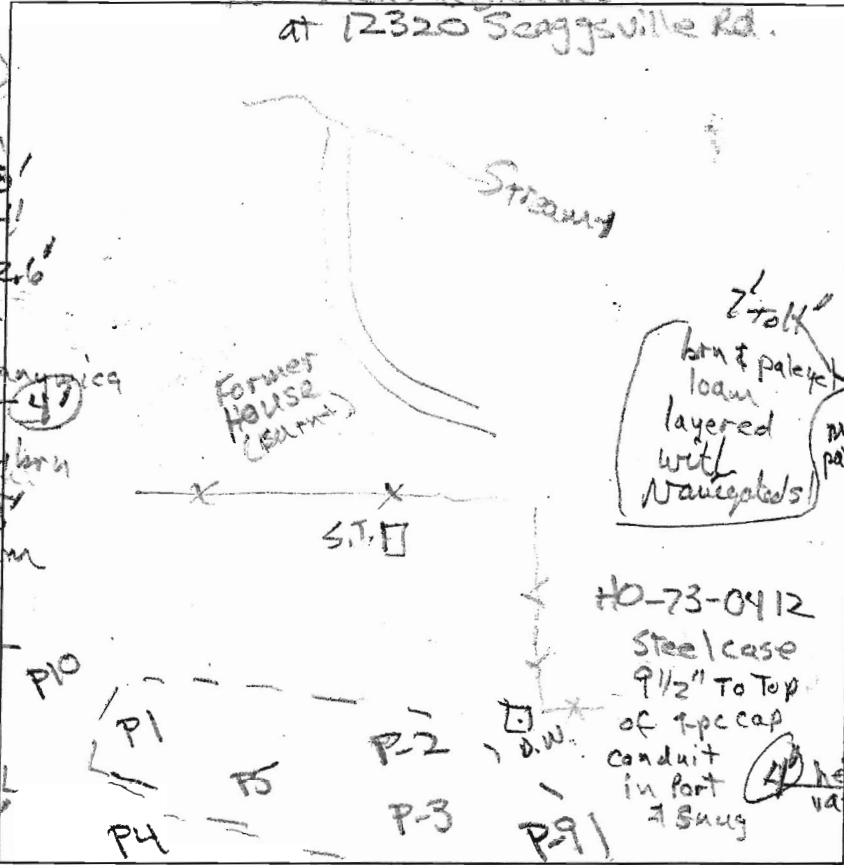
P5-108

dk brn to brn grl
yel-red cl
brn w/ c2r tan
sl
w/ lt. grey clay

yel-brn
& pale yellow sl
grey-brn sl
w/ yellow & pale yellow

11.5'

yellow, yellow red & grey brn sl to 12'



P1-108

dk grey brn L
to pale yel-brn grl
brncl 2msbk
yel-red cl 2fslk
Interlayered
brn L & grey-brn
dk grey, w/ red
& red yel sl
many mica
grey sl, mica
w/ lt. grey clay
layers
yel, pale yel & grey
cl

P3-108

dk grey brn L
to pale yel-brn L
yel-red cl
red & brn-grey sl
variegated sl, c. mica
grey brn & yellow
pale yel
yel-red
& brn sl
brn-vel
st L
c2d grey
c7d white

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
11/1/11	P2	63' / 11.8'	11:23	11:26	11:33	7	P
11/1/11	P1	6.8' / 11'	12:06	12:10	12:18	8	P
11/1/11	P3	55' / 12.2'	1:13	1:15	1:19	4	P
11/1/11	P4	57' / 11'	1:29	no movement			resch/f
11/1/11	P4	6.8' / 11'	1:43	2:13			F
11/1/11	P5	12'	Visual	5'-7' OK	2.8 gpd/sq. ft		P

REMARKS P1 P3 P5 P2, no water seeps. P4, water seeps, 12.5'; Use 5.5' Buffer*

SANITARIAN RB BACKHOE Bill Ingram OTHERS Amit Sharma Patel

TEST HOLES USED IN SDA P1, P2, P3, P5, P9 AVG. PERC TIME SQ. FT/BR

TRENCH WIDTH INLET DEPTH MAX. BOT DEPTH 7' EFFECTIVE S/W

RT 216

P9

dk brn sst

yel-brn L

yel-red scl

7m 3/4"

red & lt grey

cl. om

yel-red scl

grey ptn

scl 4"

yel-brn sl

grey w/ pale red

sl & pale yel

brn & yellow sl

grey-brn sl

& pale yel & yellow

sl, many mica

dk grey brn sl

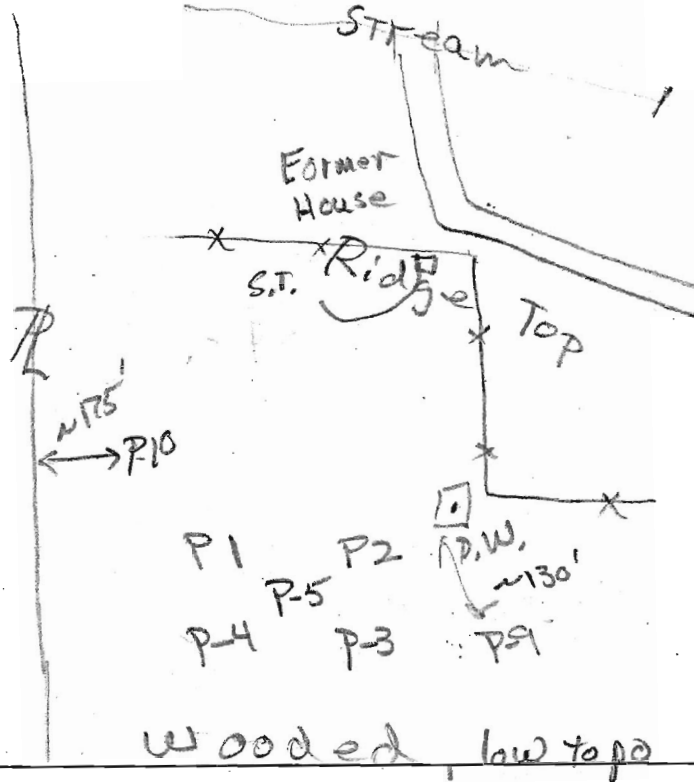
yel-red L

c2d

w/ grey white

moist

K



P10-108

dk brn L

yel-red cl

yel-brn d

yel-red scl

slight sticky

100% gravel

fld grey

yel-brn sl

c2d grey

slight sticky

pale brn L

w/ c2d pale

yel. sl

c3d

lt grey & white

c. mica

water seeps

brn-grey & l

micaceous

c2d (grey)

Mn coatings

vet sl

many Mn

coatings

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
11/2/11	P9	5' 7/13	0	1.9	4.7	2.8	P
11/2/11	P10	8'	Visual	seasonal	water table		F

REMARKS Existing Septic Tank is 'poured'; 4' x 8' x 6.7'

SANITARIAN RB BACKHOE Bill Ingrano OTHERS Wide long DEEP

TEST HOLES USED IN SDA 1, 2, 3, 4 & 9 AVG. PERC TIME SQ. FT/BR

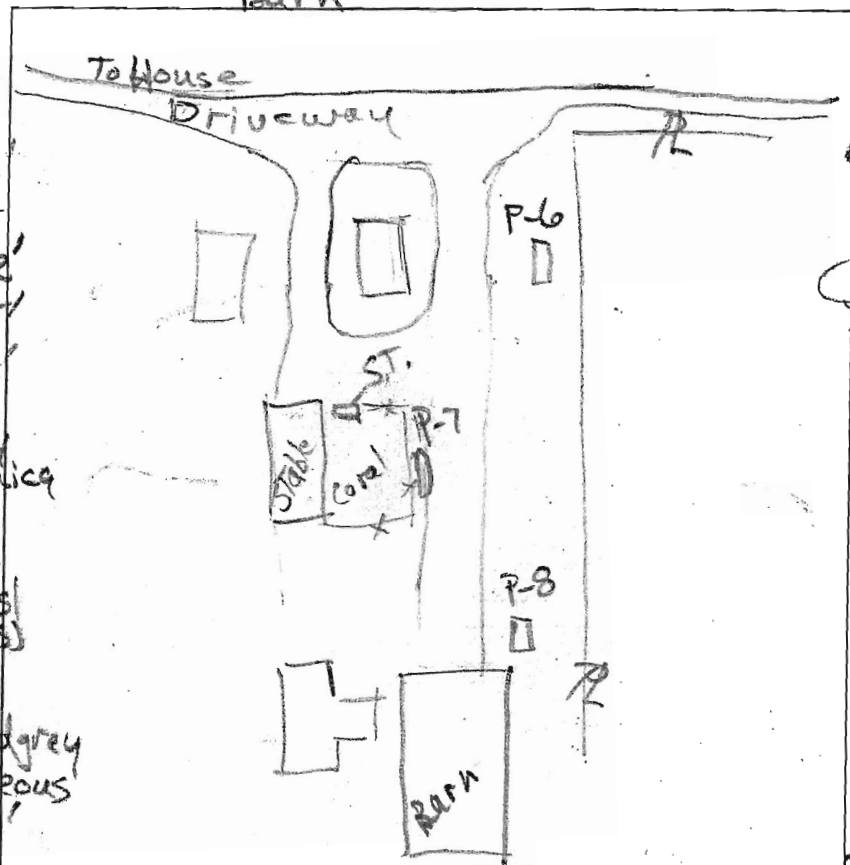
TRENCH WIDTH INLET DEPTH MAX. BOT DEPTH EFFECTIVE S/W

A/P

Barn

P6-108

dk grey brn
vg-1s
0.8
yel-brn loam
0m
brncl
22'
brn loam
35'
grey-brn,
yellow & yel-red
sl many mica
9'
pale red
& pale yellow sl
w/ dk grey-brn sl
(micaceous)
11'
yel-red
w/ pale yellow and grey
fs; micaceous
11.8'



P7-108

0.3' dk grey brn
vg-1s
0.7' yel brn grl
3.5' yel-red cl
C. mica
5.5' yel-red & yellow
loam
7.5' yel-red & yellow
31'
yel-red fs
11' w/ mid dk brn
many mica
grey & dk grey
estimated seeds
w/ 22' pale yellow
11.8' 22' grey

P8-108

1' dk grey-brn L
brn L
3.5' yel-red cl
2msbk
4.5' yel-red sl heavy
1 fsbk
7' yel-red sl
& lt brn micaceous
sl
11' pale red
& pale yellow
sl w/ pale brown
micaceous sl
12' grey & lt grey
& white
micaceous sl
moist

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
11/1/11	P6	11'	Visual		5:55-7:00	OK	P
11/1/11	P7	7' 11"	3:43	3:24	3:39	15	P
11/1/11	P8	5.7' 11"	3:41	3:43	3:47	4	P

REMARKS

SANITARIAN

RB

BACKHOE

Bill Ingram

MOTHERS

Amit Sharma

TEST HOLES USED IN SDA

6, 7, 8

AVG. PERC TIME

SQ. FT/BR

TRENCH WIDTH

INLET DEPTH

MAX. BOT DEPTH

EFFECTIVE S/W

SITE INSPECTION SHEET

OWNER: Vinam Patel PHONE #: _____

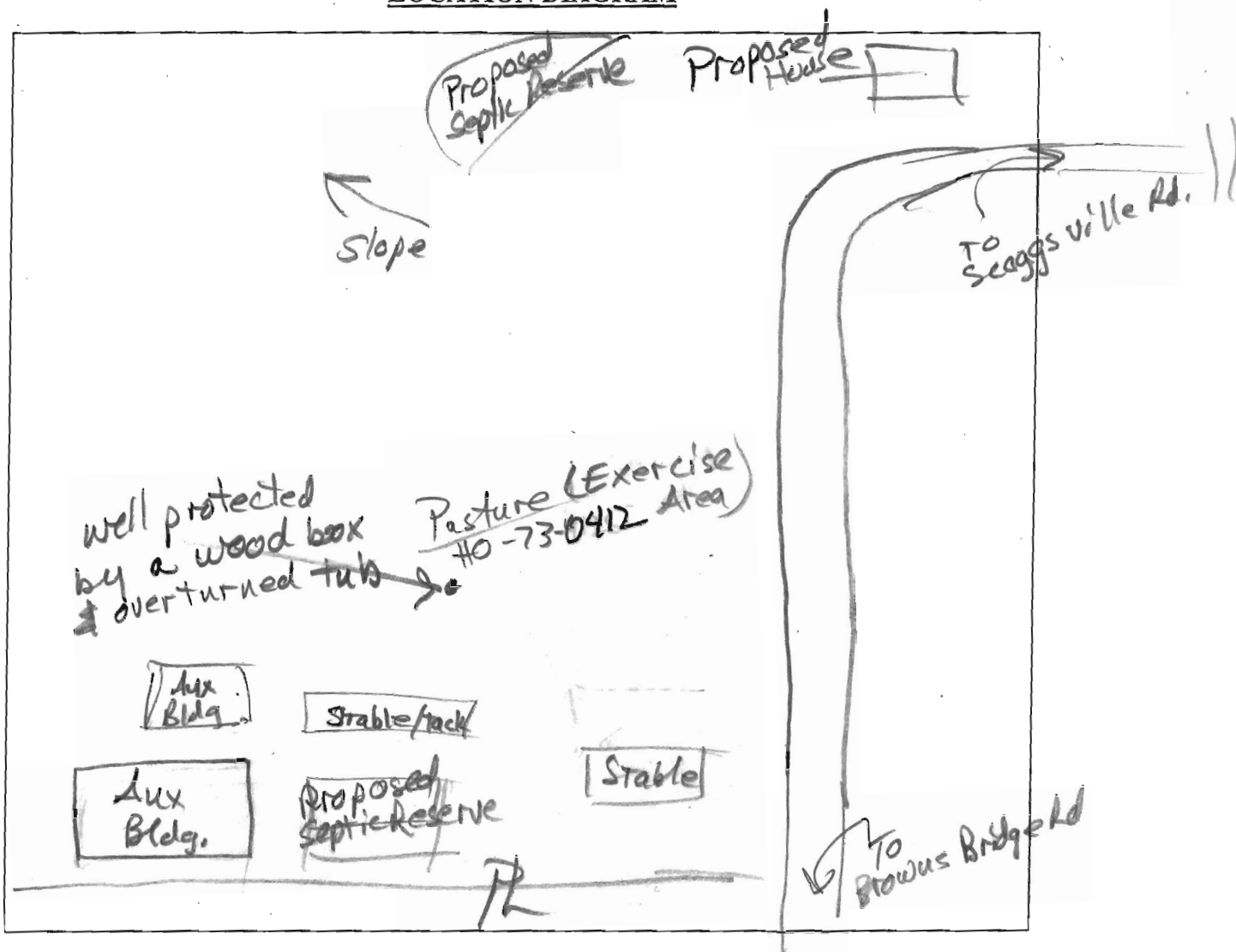
ADDRESS: 12320 Scaggsville Road CONTRACTOR: _____

WELL TAG #: HO-73-0412

SUBDIVISION: _____ LOT: _____ COUNTY #: _____

PROPOSAL: Permit for re-construction of house destroyed by fire

LOCATION DIAGRAM



COMMENTS: Steel Well case ~ 9 inches above soil;
1-pc Metal Cap, snug; ~1/2-inch conduit doesn't fit
snug in cap port

MDE Well #B Depth 220' Grout to 23' (28') Steel Case to 58' 5 gpm water level: static, 65' when pumping, 220'

DATE: 7/19/2012 INSPECTOR: RB

BROWNS BRIDGE RD.

SCAGGSVILLE RD.

LEGEND

- PERCOLATION TEST - PASSED
- ⊙ PERCOLATION TEST - FAILED
- ⊙ GAS MARKER
- WATER WELL
- ⊙ WATER SPIGOT
- ⊙ MAIL BOX
- ⊙ ROAD SIGN
- ⊙ POST
- ⊙ UTILITY PEDESTAL
- ⊙ LIGHT POLE
- ⊙ POWER POLE
- ⊙ GUY ANCHOR
- ▲ SURVEY CONTROL

PLAN VIEW
SCALE 1"=100'

SOILS LEGEND		
SOIL	NAME	CLASS
BaA	Baile silt loam, 0 to 3 percent slopes	D
AbA	Glackstone loam, 0 to 3 percent slopes	B
AbB	Glackstone loam, 3 to 8 percent slopes	B
AbC	Glackstone loam, 8 to 15 percent slopes	B
AbD	Glackstone loam, 15 to 25 percent slopes	B
CmA	Glackstone silt loam, 0 to 3 percent slopes	C

NOTES

1. THIS PLAN IS FOR A NEW HOUSE ON PARCEL 108 TO REPLACE THE OLD HOUSE WHICH WAS DESTROYED IN A FIRE IN AUGUST 2011 AND TO CERTIFY PERC TEST COMPLETED TO DATE.
2. THE EXISTING SEPTIC TANK MUST BE REPLACED WITH A NEW SEPTIC TANK SIZED TO ACCOMMODATE THE NEW HOUSE.
3. THE EXISTING DRYWELL AND ANY OTHER STRUCTURES WHICH MAY BE FOUND DURING EXCAVATION/ CONSTRUCTION SHALL BE REMOVED AND SHALL NOT BE USED IN THE NEW SEPTIC SYSTEM. THE DRY WELL AND SEPTIC TANK WILL BE PROPERLY ABANDONED WHEN NEW SEPTIC SYSTEM IS INSTALLED.
4. THE FOUNDATION OF THE OLD HOUSE HAS BEEN REMOVED.
5. THE NEW HOUSE SHALL BE SERVED BY THE EXISTING DRIVEWAY.
6. THE NEW HOUSE SHALL BE SERVED BY A NEW WELL. THE LOCATION OF THE PROPOSED WELL IS SHOWN ON THE PLAN.
7. ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
8. THE LOT SHOWN HEREON COMPLES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
9. EXISTING WELLS AND/ OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
10. ALL HOUSES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
11. TOPOGRAPHY SHOWN IS FIELD RUN BY NAJIB ROSHAN ASSOCIATES, INC. ON OR ABOUT MAY 2012.
12. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
13. DEED REFERENCE LIBER 1567 FOLIO 703.
14. PARCEL 108 HAS A 5 BEDROOM LIMITATION.
15. THE EXISTING WELL (TAG # 10-73-0412) WILL BE SHARED BETWEEN PROPOSED RESIDENCE AND EXISTING BARN AS IT CURRENTLY IS UTILIZED.

THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 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 THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.

16. WHEN A REPAIR TRENCH IS NEEDED FOR THE DISCHARGE FROM THE STABLE, AND THE REPAIR TRENCH IS INSTALLED IN THE AREA THAT IS UTILIZED AS A GRAVEL DRIVEWAY, THE DRIVEWAY WILL NEED TO BE DISPLACED TO AN OTHER AREA SO THAT THE DAMAGE TO THE TRENCH BY WHEELED VEHICLE DOES NOT OCCUR.

7/25/2012

PERC CERTIFICATION

I certify that the locations shown hereon are based on field locations done under my direct supervision and are correct to the best of my professional knowledge.

Najib Roshan
Signature of Professional Surveyor
Najib Roshan, Registered Land Surveyor

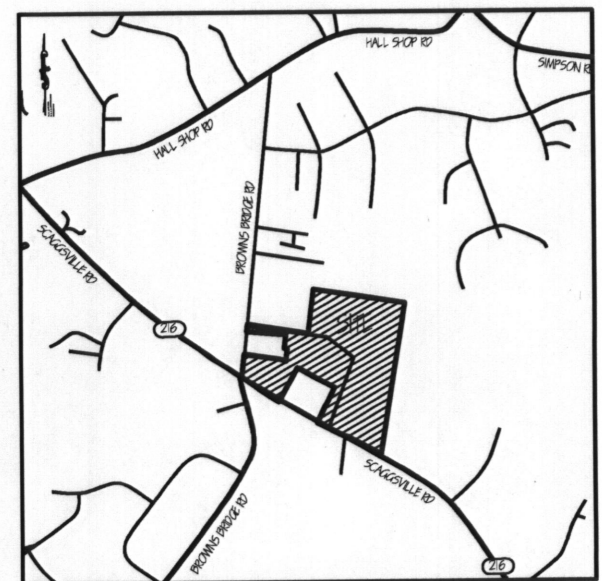
07/12/12
Date

APPROVED FOR PRIVATE WATER & SEWER SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT.

William A. Petersen
COUNTY HEALTH OFFICER

7/27/2012
DATE

General Notes



VICINITY MAP
SCALE 1"=2000'

No.	Revision/Issue	Date

Firm Name and Address

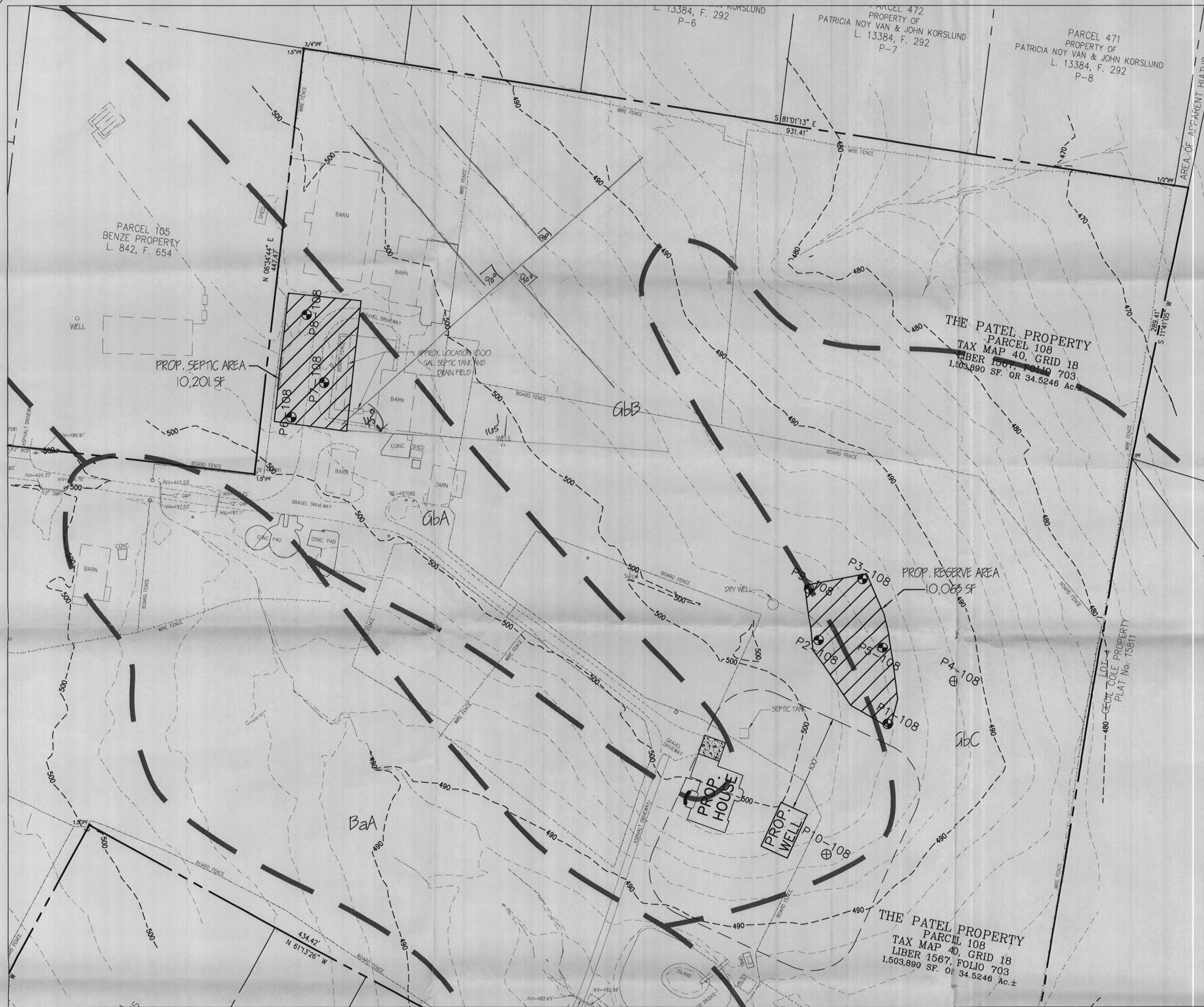
AST CONSULTANTS INC.
7894 JAMES AVENUE
ELLICOTT CITY, MD 21043
(410) 988-2200 (P)
ATTN: AMRISH PATEL, PE
astconsultant@gmail.com (E)

Project Name and Address

PATEL PROPERTY
12320 SCAGGSVILLE ROAD,
FULTON, MD 20759

PERC CERTIFICATION PLAN
PARCEL 108
TAX MAP: 40 GRID: 18 PARCEL: 108
ZONING: RR-DEO
5th ELECTION DISTRICT, HOWARD COUNTY, MD

Project	Sheet
HC-11-002	1 of 2
Date	6/29/2012
Scale	1"=100'



LEGEND

- ⊕ PERCOLATION TEST - PASSED
- ⊖ PERCOLATION TEST - FAILED
- ⊙ GAS MARKER
- WATER WELL
- ⊗ WATER SPIGOT
- ⊕ MAIL BOX
- ⊙ ROAD SIGN
- ⊕ POST
- ⊕ UTILITY PEDESTAL
- ⊕ LIGHT POLE
- ⊕ POWER POLE
- ⊕ GUY ANCHOR
- ⊕ SURVEY CONTROL

PERC CERTIFICATION

I certify that the locations shown hereon are based on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.

Najib Roshan
Signature of Professional Surveyor
Najib Roshan, Registered Land Surveyor No. 12345

07/12/12
Date

APPROVED FOR PRIVATE WATER & SEWER SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT.

Barbara P. Peterson
COUNTY HEALTH OFFICER

7/27/2012
DATE

General Notes

No.	Revision/Issue	Date

Firm Name and Address

AST CONSULTANTS INC.
7894 JAMES AVENUE
ELLICOTT CITY, MD 21043
(410) 988-2200 (P)
ATTN: AMRISH PATEL, PE
astconsultant@gmail.com (E)

Project Name and Address

PATEL PROPERTY
12320 SCAGGSVILLE ROAD,
FULTON, MD 20759

PERC CERTIFICATION PLAN

PARCEL 108
TAX MAP 40 GRID 18 PARCEL 108
ZONING: RR-DEO
5th ELECTION DISTRICT, HOWARD COUNTY, MD

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2 of 2