1/30/95
3:30 c/o
CO 1/31/95
Now

1/30 P.C.O. CKd

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50490

A 45676 A

DISTRICT 5th

05-414954

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

XXX-XXXX 313-2640

INDEXED

DATE 1/23/95

DATE SYSTEM APPROVED 1/31/95

INSPECTOR

Bill Ingram/Farm & Home Excavating IS PERMITTED TO INSTALL X ALTER

ADDRESS 901 Driver Road, Marriottsville, Md 21104 PHONE 442-2139

SUBDIVISION Blom Property LOT 2 ROAD 14344 Triadelphia Mill Road

PROPERTY OWNER Paul F. Blom

ADDRESS

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 135

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 60 feet from the rear (199.15') lot line and 175 feet from the right (394.97') lot line as seen when facing the lot from Triadelphia Mill Road. Run the trenches along contour to rear of property.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 5/20/94 DKS

PLANS APROVED BY Ronald J. Pinkley/Mark Rifkin REVISED DATE 12/22/93

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° **ELBOWS** NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

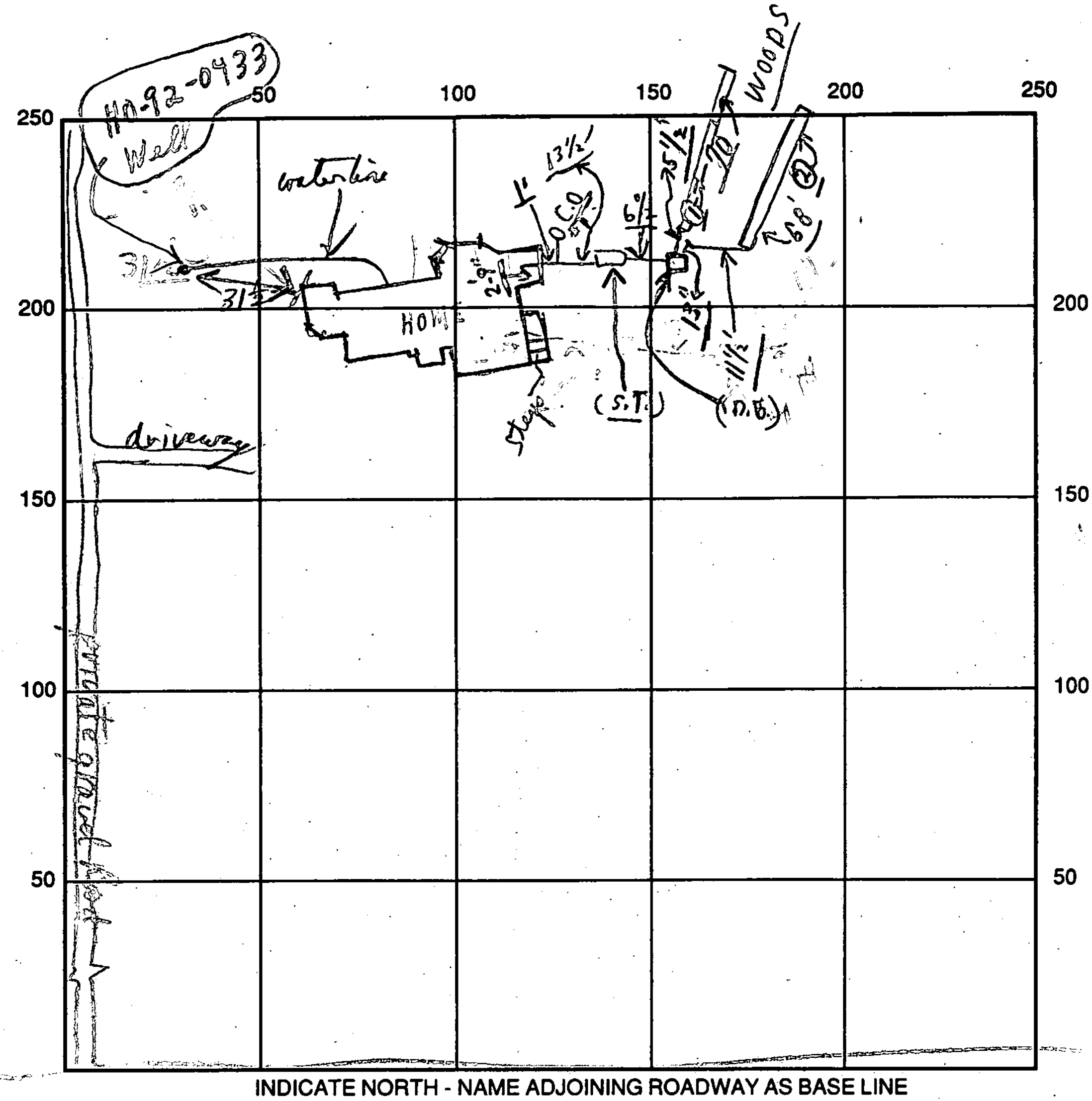
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

***CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.**

HD-260(6-90)

A 45676A



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

(1000)± TRIADELPHIA MILL ROAD

SEPTIC TANK LEVEL OK CLEANOUTS S.T. No | C.O. #1 OK

DISTRIBUTION BOX LEVEL (Baffles)

DRAIN FIELD/TITLE DEPTH 7 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. { ① 70' ② 68' = TOTAL LENGTH FT. } (138)

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA ______ SQ. FT.

DRYWALL INSIDE DIAMETER ~ FT. EFFECTIVE DEPTH BELOW INLET ~ FT.

ABSORBENT AREA ______ SQ. FT.

REMARKS: P.M. 1/30/'95 OK to cover from home to dist. box only; ok for stone in trenches partial (Wait for a call). Septic Trenchs + Tanks etc OK to cover 1/31/95 [illegible]

1/30/95 No W.P.I [illegible]

DATE SYSTEM APPROVED 1/31/95 INSPECTOR [illegible signature]

5/13/90

APPLICATION

PERCOLATION TESTING

A 45676

P

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT

DATE 3/13/90

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER LOUIS D. BLOM (PAUL F. BLOM)

ADDRESS 14340 TRIADELPHIA MILL RD. DAYTON PHONE 531-2259

PROSPECTIVE BUYER

ADDRESS PHONE

PROPERTY LOCATION:

SUBDIVISION SAME AS ABOVE LOT NO. 1 & 2

ROAD AND DESCRIPTION (14344 Triadelphia Mill Road)

TAX MAP 27 PARCEL # 50

SIZE OF LOT ~~3~~ 3 ACRES

BLDG. PERMIT SIGNED AND RETURNED 12/22/93
Serial # 52045 - 3 Bdrms

TYPE BLDG. SINGLE FAM.
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Louis D. Blom
(SIGNATURE OF APPLICANT)

APPROVED BY FOR DATE

REJECTED BY FOR DATE

HOLD PENDING FURTHER TESTS DATE

REASONS FOR REJECTION OR HOLDING 5/3/90 PERC. OK Hold for Plat (RH)
6/24/92 BPECS WRITTEN RH

HD-216

THIS IS NOT A PERMIT

Lot B sapeat A45676

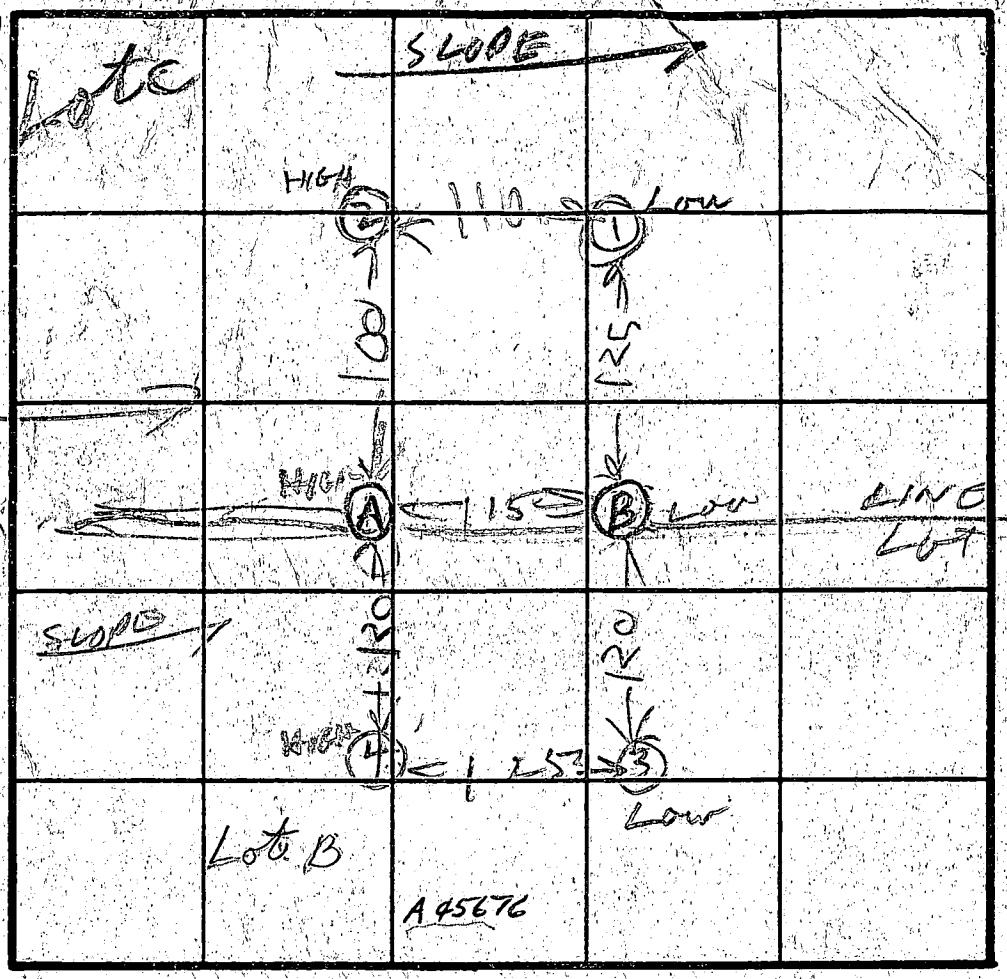
SOIL PROFILE

0'

CLAY

BEIGE SAND LOAM

B3



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Inlet 2 FT BOTTOM 9 FT

7 FT STONE

180 sq ft PER PER

26 LINEAR FT/BED

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
5/3/90	A S A V	3 13	1043 OK	1144	1144	1046	12
	B S B V	3 13½	1053 OK	1054	1054	1155	1
	C S C V	3 13	1059 OK	1100	1100	1101	1
5/8/90	C S C V	3 13	1102 OK	1103	1103	1104	1

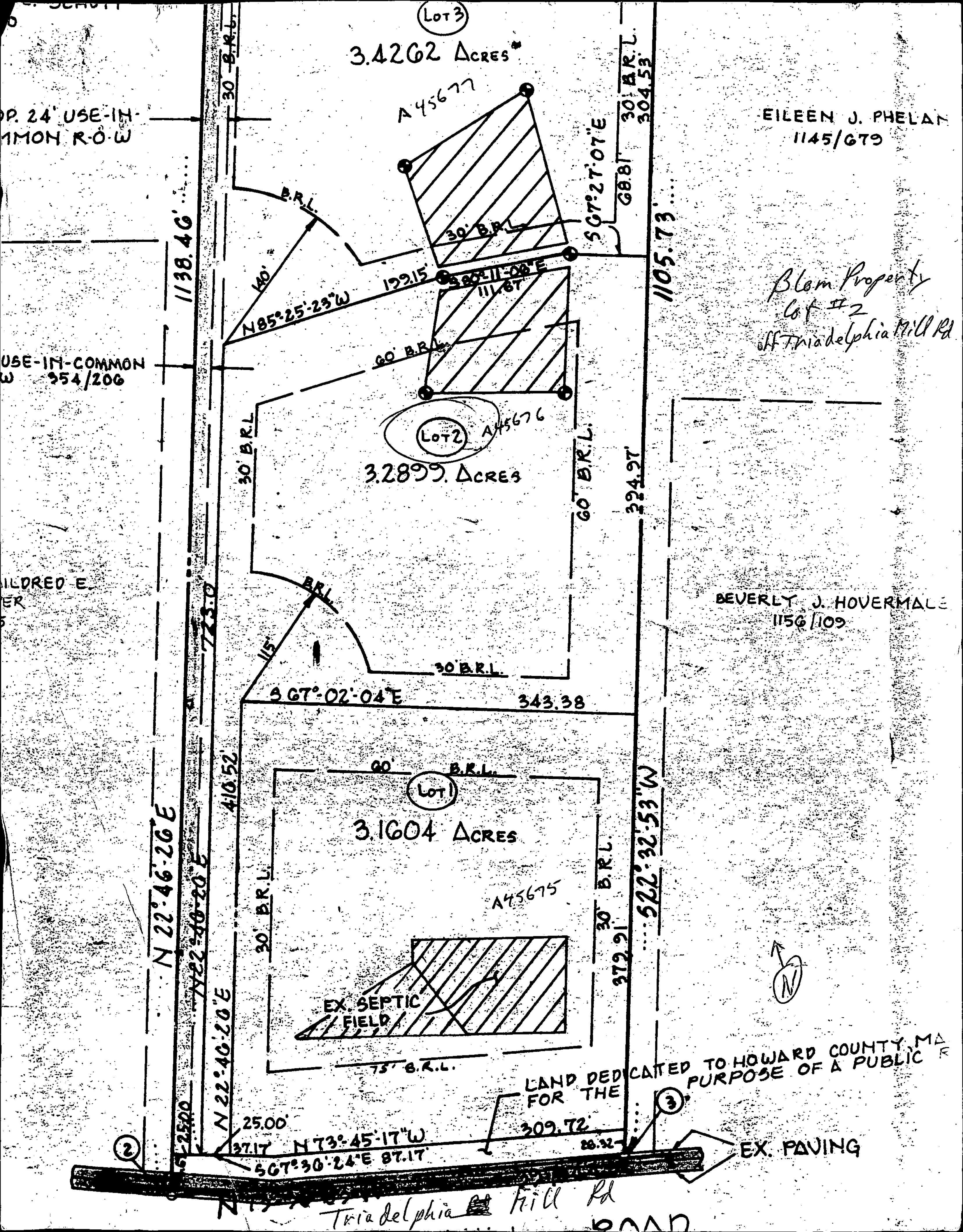
ON LINE Lot B & C

REMARKS Hole dia different from Plat

TYPE OF SOIL

TESTED BY R Hardy

ALSO PRESENT



LOT 3
3.4262 ACRES*
A45677
30' B.R.L.
30' B.R.L.
304.53'
EILEEN J. PHELAN
1145/679
24' USE-IN-COMMON R.O.W
1138.46'
B.R.L.
140'
N85°-25'-23"W
199.15
30' B.R.L.
S67°27'07"E
68.81'
1105.73'
S80°11'08"E
111.67'
Blom Property Lot #2 off Triadelphia Mill Rd
USE-IN-COMMON
354/206
60' B.R.L.
LOT 2
A45676
3.2899 ACRES
30' B.R.L.
60' B.R.L.
324.97'
ILDRED E.
BEVERLY J. HOVERMALE
1156/109
B.R.L.
115'
30' B.R.L.
S67°-02'-04"E
343.38
60' B.R.L.
LOT 1
410.52'
3.1604 ACRES
N22°46'26"E
N22°40'20"E
S22°32'53"W
30' B.R.L.
30' B.R.L.
A45675
372.91'
EX. SEPTIC FIELD
N
75' B.R.L.
LAND DEDICATED TO HOWARD COUNTY, MD FOR THE PURPOSE OF A PUBLIC
25.00
25.00'
N22°40'20"E
37.17
N73°-45'-17"W
309.72
28.32
S67°30'24"E 87.17
EX. PAVING
Triadelphia Mill Rd

Blom Property
Lot # 2
Fifth Elec. Dist.
Howard County, MD
Tax Map:27 Grid:17 Parcel:50
Zoned R

Address:
14340 Triadelphia Mill Rd.
Dayton, MD

OVERALL HOUSE SIZE
76 x 40

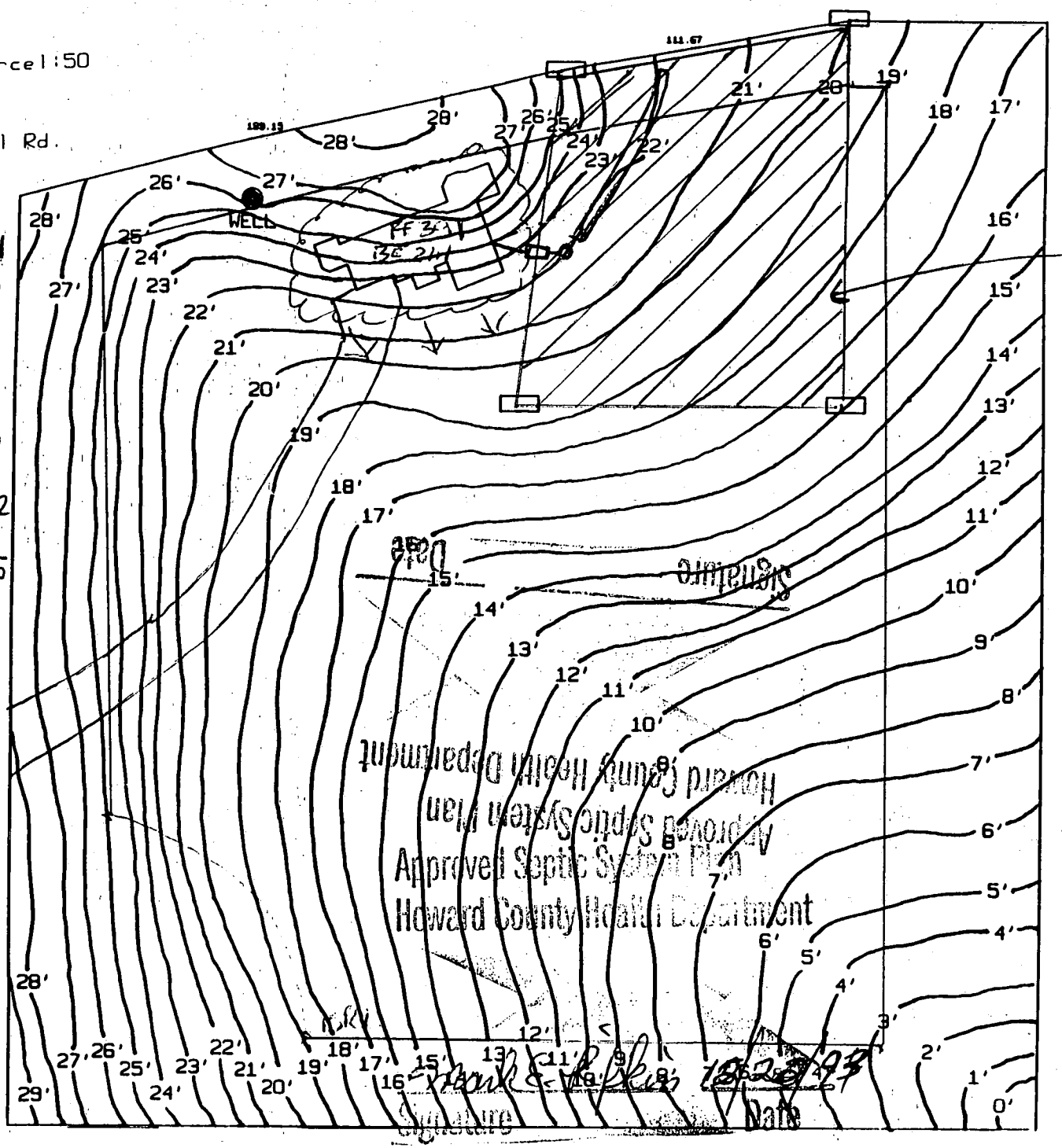
Inv. @ House 20.1
Inv. into S.T. 19.9
Inv. out S.T. 19.6
Inv. into D.B. 19.5
Inv. into Trench 19.0
Ex. Grade @ D.B. 22
Ex. Grade @ S.T. 22.5

House to well
MINIMUM 30'

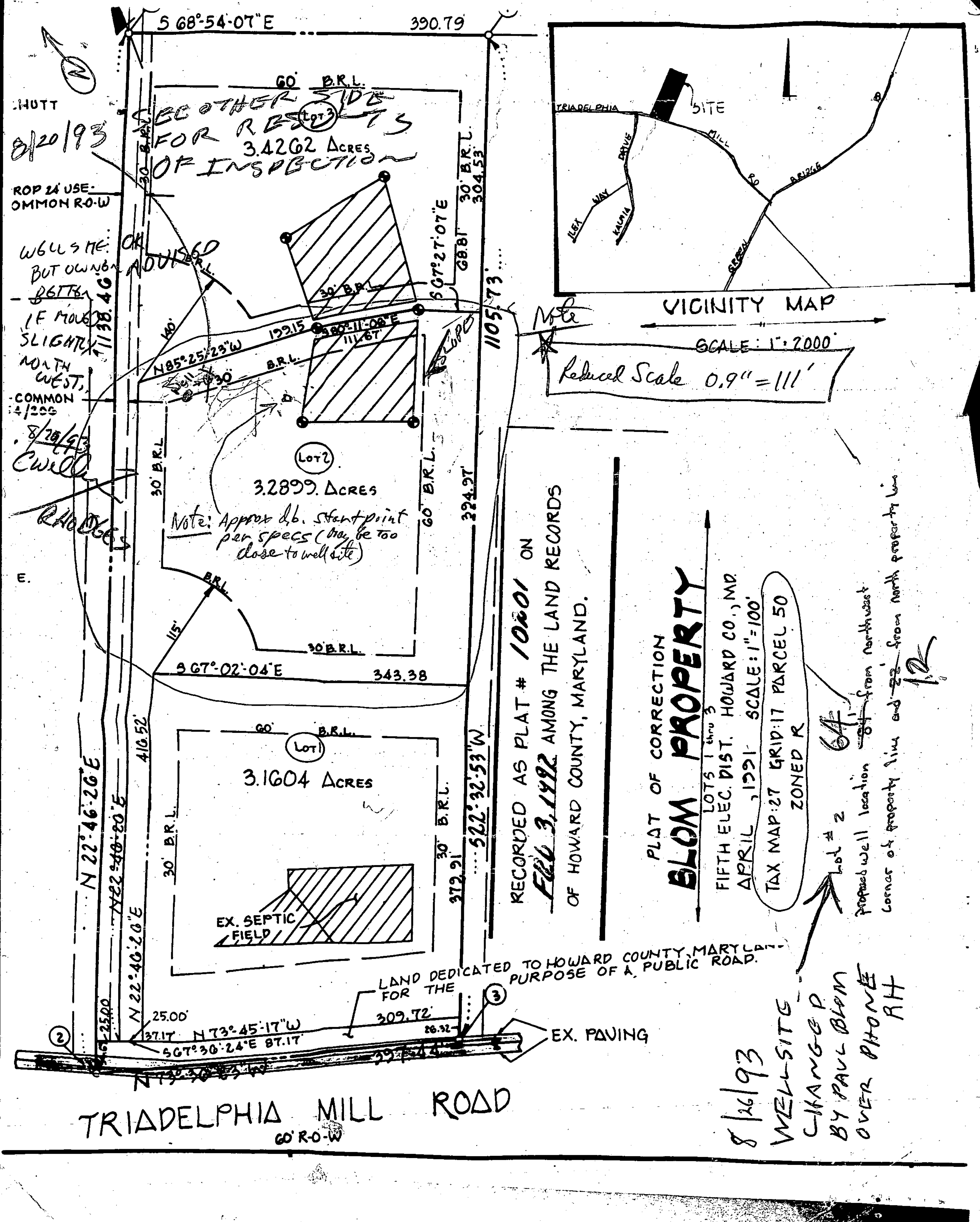
House to S.T.
MINIMUM 10'

House to D.B.
MINIMUM 20'

Well to S.T.
MINIMUM 100'



I certify that the above measurements are actual and correct for this property.


S 68°54'07"E 390.79
60' B.R.L.
See other side for results of inspection
Lot 3
3.4262 Acres
30' B.R.L.
30' B.R.L.
304.53
S 67°27'07"E 68.81
8/20/93
HUTT
ROP 24' USE-COMMON R-O-W
Wells me OK but owner advised better if moved slightly north west.
N85°25'23"W 199.15
S80°11'08"E 111.67'
B.R.L.
140'
1138.46'
1105.73'
Note
Reduced Scale 0.9" = 111'
COMMON
8/26/93
C Well
RHODES
Lot 2
3.2899 Acres
Note: Approx d.b. start point per specs (may be too close to well site)
30' B.R.L.
60' B.R.L.
324.97'
115'
30' B.R.L.
S 67°02'04"E 343.38
Lot 1
3.1604 Acres
60' B.R.L.
30' B.R.L.
30' B.R.L.
N 22°46'26"E
N 22°40'20"E
410.52
S22°32'53"W
372.91
EX. SEPTIC FIELD
LAND DEDICATED TO HOWARD COUNTY, MARYLAND FOR THE PURPOSE OF A PUBLIC ROAD.
25.00
25.00'
37.17'
N 73°45'17"W 309.72
S67°30'24"E 87.17
26.32
EX. PAVING
TRIADELPHIA MILL ROAD
60' R-O-W
VICINITY MAP
SCALE: 1" = 2000'
TRIADELPHIA MILL RD
SITE
BRIGGE
GREEN
DRIVE
ILEX WAY
KALMIA
RECORDED AS PLAT # 10001 ON FEB 3, 1992 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.
PLAT OF CORRECTION
BLOM PROPERTY
LOTS 1 thru 3
FIFTH ELEC. DIST. HOWARD CO., MD
APRIL, 1991 SCALE: 1" = 100'
TAX MAP: 27 GRID: 17 PARCEL 50
ZONED R
Lot # 2
Proposed well location 64' from northwest corner of property line and 22' from north property line
12
8/26/93
WELL SITE CHANGED BY PAUL BLOM OVER PHONE
RH

8/20/93

VISITED SITE WITH MR BLOM & FATHER

(1) THE STAKE IS ALMOST EXACTLY 100 FT FROM THE SEWAGE DISPOSAL EASEMENT & ABOUT THE SAME ELEVATION AS SEWAGE DISPOSAL EASEMENT. PERC HOLES SEEN

(2) NOT SURE OF HOUSE SITE

(3) NOT SURE OF DRIVEWAY SITE

(4) NOT SURE OF SEPTIC TANK SITE

(5) RECOMMENDED MORE DETAILED PLANS TO MR BLOMS FATHER WHO SEEMED UNHAPPY WITH DECISION

RJ

8/20/93

DISCUSSED WITH CW AFTER MR BLOM CALLED. DECIDED TO ISSUE WELL PERMIT & RECOMMENDED THAT WELL BE SHIFTED NORTH WEST NOT NECESSARY TO SUBMIT MORE DETAILED PLANS RJ

8/26/93

Paul Blom shifted well SE over phone RJ

2-2-95
amplime

2/2/95
Final
C. Bal

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL LINE PUMP AND PRESSURE TANK INSTALLATION

New Installation ✓ Receipt # -0-
Replacement ____ Date 2-1-95

Name of Installer WILLOUGHBY PLUMBING Telephone 781-7051

License Number 6992
Certified Well Pump Installer ____ Well Driller ____ Registered Plumber ✓

Name of Property Owner Paul Blom Telephone 531-2259
Subdivision BLOM PROPERTY Lot # 2 Well Tag # HO-92-0433
Site Address 14344 TRIADELPHIA MILL RD. DAYTON, MD

Pump
1. Type
   a. Deep well jet ____
   b. Shallow well jet ____
   c. Submersible ✓
2. Make JACUZZI
3. Model # ____
4. Capacity 5 GPM
5. Pump exceeds well capacity Yes ____ No ✓
6. If Yes, is low pressure cutoff switch installed? Yes ____ No ____
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors ✓ Cable guards ✓ Other tape

Motor
1. Horsepower 3/4 HP.
2. RPM ____
3. Voltage ____
   a. 110 ✓
   b. 220 ✓

Pitless Adapter
1. Make HARVARD
2. Model # ____
3. Depth 4'

Tank
1. Capacity 40 gal.
2. Pressure relief valve? yes

Piping
1. Type CRESTLINE
2. Size 1"
3. NSF and/or BOCA Code approved yes
4. Depth of supply line 4'

Well data
1. Depth 365 ft.
2. Yield 1 GPM
3. Static water level ____ ft.
4. Will water supply be disinfected by installer? yes

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: Chris J. Willoughby

Date: 2/1/95

Note: An ORANGE sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

HO-215

2/2/95 Note only saw water line -0 ± 5' from home + 3-4' at water well casing OK in area seen

C 1 | 0482 | SEQUENCE NO. (DENV USE ONLY)

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER A45676

ST/CO USE ONLY
DATE Received

DATE WELL COMPLETED 090893

Depth of Well 365 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-92-0432

OWNER BLOM PAUL
STREET OR RFD last name first name TOWN DAYTON 21036
SUBDIVISION BLOM PROPERTY SECTION LOT 2

WELL LOG
Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET FROM	FEET TO	Check if water bearing
Sand	0	64	
Gray Mica Rock	64	365	✓

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) yes Y / no N
TYPE OF GROUTING MATERIAL
CEMENT CM BENTONITE CLAY BC
NO. OF BAGS 17 NO. OF POUNDS 1588
GALLONS OF WATER 102
DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. TOP to 57 ft. BOTTOM
(enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below
ST STEEL CO CONCRETE PL PLASTIC OT OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
ST	6	68

OTHER CASING (if used)

EACH CASING	diameter inch	depth (feet) from	to

SCREEN RECORD
screen type or open hole — insert appropriate code below
ST STEEL BR BRASS BRONZE HO OPEN HOLE PL PLASTIC OT OTHER

C 2

EACH SCREEN	DEPTH (nearest ft.)	
1	40	66 to 365
2		
3		

SLOT SIZE 1 ____ 2 ____ 3 ____
DIAMETER OF SCREEN (NEAREST INCH)
GRAVEL PACK from to
IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

C 3

PUMPING TEST
HOURS PUMPED (nearest hour) 6
PUMPING RATE (gal. per min. to nearest gal.) 1
METHOD USED TO MEASURE PUMPING RATE Bucket
WATER LEVEL (distance from land surface)
BEFORE PUMPING 26
WHEN PUMPING 321

TYPE OF PUMP USED (for test)
A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) YES / NO
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:
CAPACITY: GALLONS PER MINUTE (to nearest gallon)
PUMP HORSE POWER
PUMP COLUMN LENGTH (nearest ft.)
CASING HEIGHT (circle appropriate box and enter casing height)
+ above / − below LAND SURFACE 2 (nearest foot)

CIRCLE APPROPRIATE LETTER
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
E ELECTRIC LOG OBTAINED
P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 24
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) Joseph Maupin
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) Joseph Maupin 27

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T TELESCOPE CASING (E.R.O.S.) LOG INDICATOR W Q OTHER DATA

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)
N

See Attached Location

COUNTY