

3/19/00
10:00
3/23/00
dry well being constructed today
expect delivery of lines @ 1:00 - 1:30 PM.
3/27/00
c.o. 12:00
RPS# 349125

PERMIT

SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
 BUREAU OF ENVIRONMENTAL HEALTH
 410-313-2640

P 513297

A 14310

ISSUE DATE 3-2-2000

APPROVAL DATE 3/27/00

INDEXED

Arnold's Backhoe & Septic Service, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS P.O. Box 15, Woodbine, MD 21797 PHONE 410-795-78733

SUBDIVISION Hemlock Hill LOT NUMBER 24 ADDRESS 12946 Byefield Drive

PROPERTY OWNER Marge Bagrowski PROPERTY OWNER'S ADDRESS Same

SEPTIC TANK CAPACITY 1000 GALLONS (check Baffle @ S.T. outlet)

PUMP CHAMBER CAPACITY NA GALLONS

NUMBER OF BEDROOMS 3

SQUARE FEET PER BEDROOM 125

LINEAR FEET OF TRENCH REQUIRED Dry well 360' (same size as original dry well)

TRENCHES: Dry well - 15' x 15' x 10' deep on downhill side (6ft + beyond depth) - Tie to dist. Box or
 Trenches to be feet wide: 18" feet below original grade. Bottom maximum depth 18" or Built per code to old dist. Box.
 feet below original grade. feet of stone below distribution box.

LOCATION: REPAIR - PURPOSE - Existing septic system has failed.

Call for inspection when ground is opened so sanitarian can recommend repair. 3-2-2000

old dist. is full to top sewage & S.T. backs up to house. (Sizing based on original pipe & septic system look at 5 into when put ground for construction)

**BUILDING PERMIT SIGNED
 AND RETURNED**

128105 B00157344 - GARAGE

PLANS APPROVED *[Signature]* DATE 3/19/00

PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: TOP OF SEPTIC TANKS ARE TO BE NO DEEPER THAN 3.0 FEET BELOW FINISH GRADE

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

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

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

NOTE: NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH UNLESS SPECIFICALLY AUTHORIZED

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

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

NOTE: IF PUMPED SEPTIC SYSTEM REQUIRED, (1) SEPTIC PUMP DETAIL TO BE PROVIDED BY INSTALLER PRIOR TO ISSUANCE OF SEPTIC PERMIT (2) PUMP PERFORMANCE TEST IS NECESSARY PRIOR TO HEALTH DEPARTMENT APPROVAL OF SEPTIC PERMIT

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
 CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

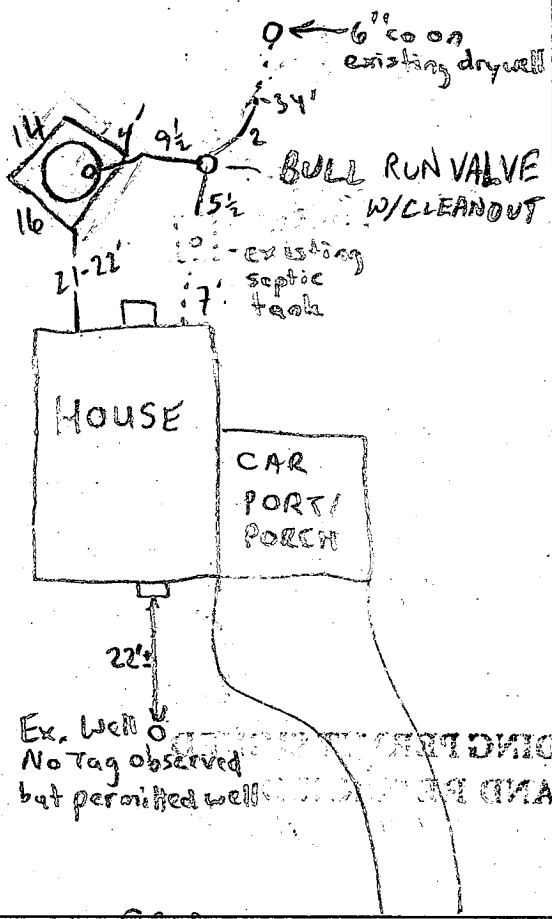
0513297

PROFILE (A)

NOT TO SCALE

DRYWELL (CONCRETE RINGS USED)

0'	top soil fill mix
1.5'	yellow brown-reddish yellow clay loam common big roots / worm holes structure 2m Sbtz <5% rock frags
3'	light reddish yellow-tan sandy loam partially cemented mbr
4'	darker tan gp sandy loam less mbr - massive
5.5'	red/brn loam-hvy sandy loam massive
6.5'	mixed pale yellow red-tan loam-sandy loam 12% clay massive
8.5'	mixed colors pale yellow reds w/white & gray mixed var ff black Mn lines slightly moist
10.5'	mixed var. vary pale cream white, middle brn and gray sl-ls massive spherulite
14'	seepage
14.5'	WATER ↓



TRENCH DATA

DRYWELL L&W 16 X 14

TRENCH WIDTH 16 X 14

DRYWELL

TRENCH INLET DEPTH 2' @ low side

DRYWELL

TRENCH BOTTOM DEPTH 10'

EFFECTIVE DEPTH (From GOOD SOILS DOWN) 10'

DEPTH OF STONE 7

DRYWELL INSIDE DIAMETER 60

NUMBER OF TRENCHES 60

TOTAL TRENCH LENGTH N/A

ABSORBENT AREA 420 + EX. D/W

DISTRIBUTION BOX LEVEL ---

BAFFLE IN DISTRIBUTION BOX ---

(3') DEPTH OF HOLE (10') INSIDE RINGS

perimeter of hole x effective depth of sand

SEPTIC TANK DATA

existing SEPTIC TANK 1000 GALLONS

MANHOLE RISER None

existing 6 INCH INSPECTION PORT concrete

PUMP CHAMBER DATA

PUMP CHAMBER GALLONS N/A

MANHOLE RISER N/A

ALARM N/A

PUMP PERFORMANCE TEST N/A

BYEFIELD ROAD

PRE-CONSTRUCTION INSPECTION: 3/9/00 - SEE RJP'S COMMENTS ON FRONT - SRV

INSPECTION COMMENTS: 3/23/00 - INSTALLER REPORTS WATER IN HOLE, SEE PROFILE (A)

SYSTEM SPECS CHANGED TO 10' BOTTOM, INLET AT 3', RECOMMENDED TO HOMEOWNER

REPLACEMENT OF 1 PIECE CAP / SAFETY ROPE ISSUE, OR TO CONTINUE WORK - SRH/RJP

3/27/00 OK TO FINISH + COVER MR

INSPECTOR 3/27/00 DATE SYSTEM APPROVED M. Ripkin

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

INDEXED

ELLICOTT CITY

DISTRICT 5

DATE 12/1/70

Jack Fresh

IS PERMITTED TO INSTALL ALTER

ADDRESS Ten Oaks Road, Glenelig, Maryland

PHONE 206-2929

A SEWAGE DISPOSAL SYSTEM LOCATED AT _____

SUBDIVISION Hemlock Hill

ROAD Byefield Rd. & Rt. 108 LOT 24

PROPERTY OWNER M. R. Bekenroth

(Waite B. Parish - 206-2736)

ADDRESS _____

SPECIFICATIONS - 3 ~~4~~ bedrooms

DRAIN FIELD _____ DEPTH _____ FEET. BOTTOM AREA _____ SQ. FT.

SEEPAGE FITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

SEPTIC TANK CAPACITY 1,000 ~~2,450~~ GALLONS

FOR GARAGE GRINDER, INCREASE DISPOSAL AREA 22% & TANK CAPACITY 50%.

OTHER 300 Dry wall - 100 sq. ft. absorbent sidewall area to begin below the first 4 ft.

of soil. Maximum depth permitted for dry wall is 11 ft. below original grade.

Locate dry wall 160 ft. from front property and 10 ft. from right side line as seen from Byefield Road.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS

PLANS APPROVED BY Robert V. Tolles

DATE 12/1/70

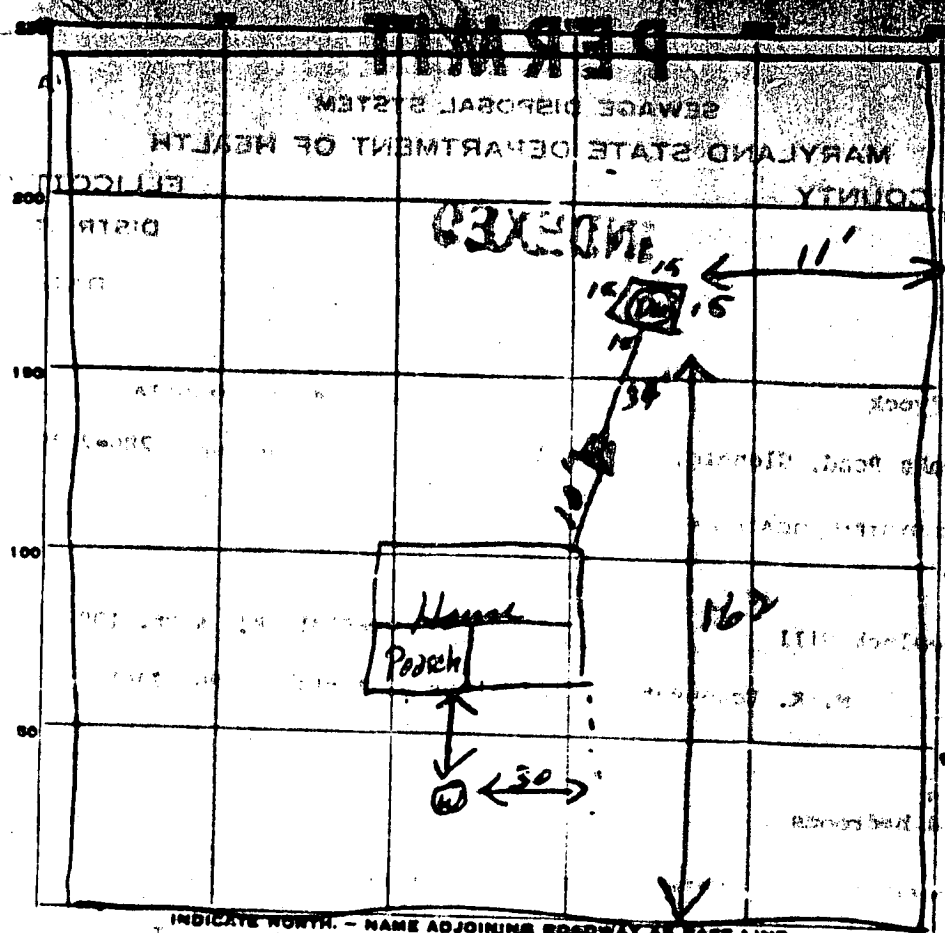
FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER NO WORK UNTIL INSPECTED AND APPROVED.

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

A 14310

1972

60
20



INDICATE WIDTH - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD OK Byfield Rd

SEPTIC TANK, LEVEL Cement 1100 CLEANOUTS OK

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

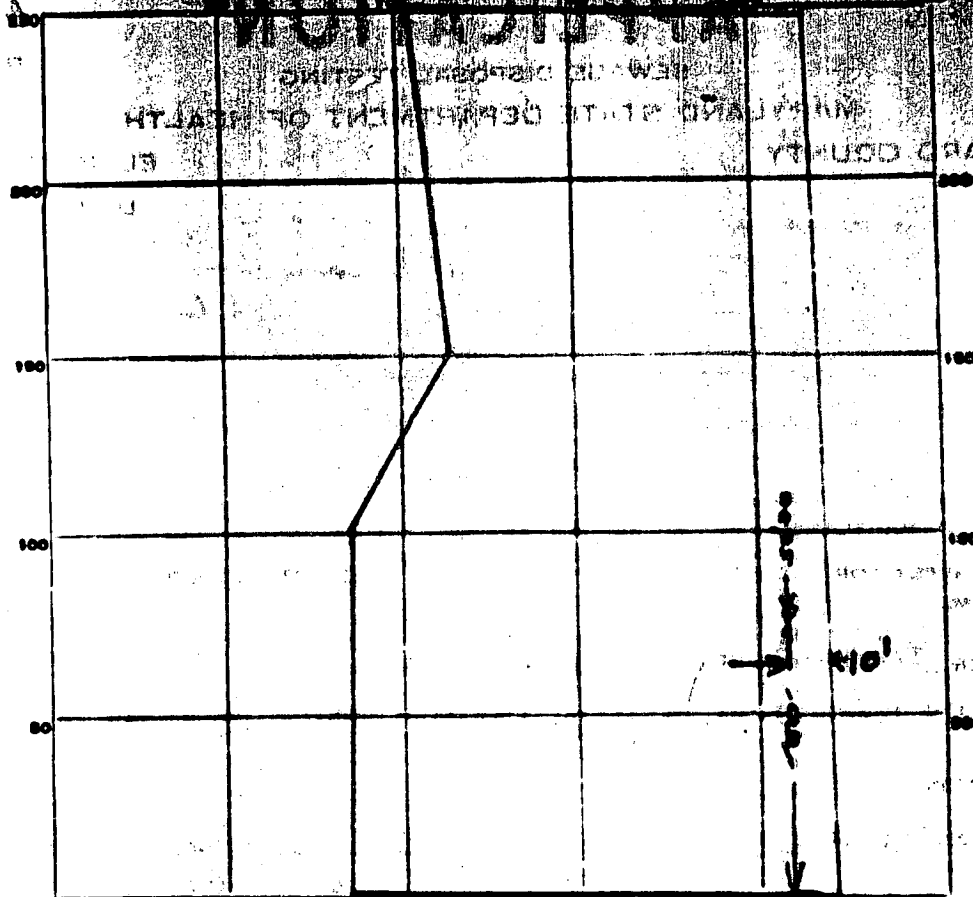
NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER 12 FT. DEPTH BELOW INLET 6 FT.

ABSORBENT AREA 360 SQ. FT.

REMARKS _____

DATE SYSTEM APPROVED 4/1/21 INSPECTOR Jim West



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

Revised 01

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/5/69	1	11 ft	241	243	243	248	5 min
	2	4 ft	241	242	242	245	3 min
	3	11 ft	240	241	242	245	3 min
	4	4 1/2 ft	240	240	241	242	1 min

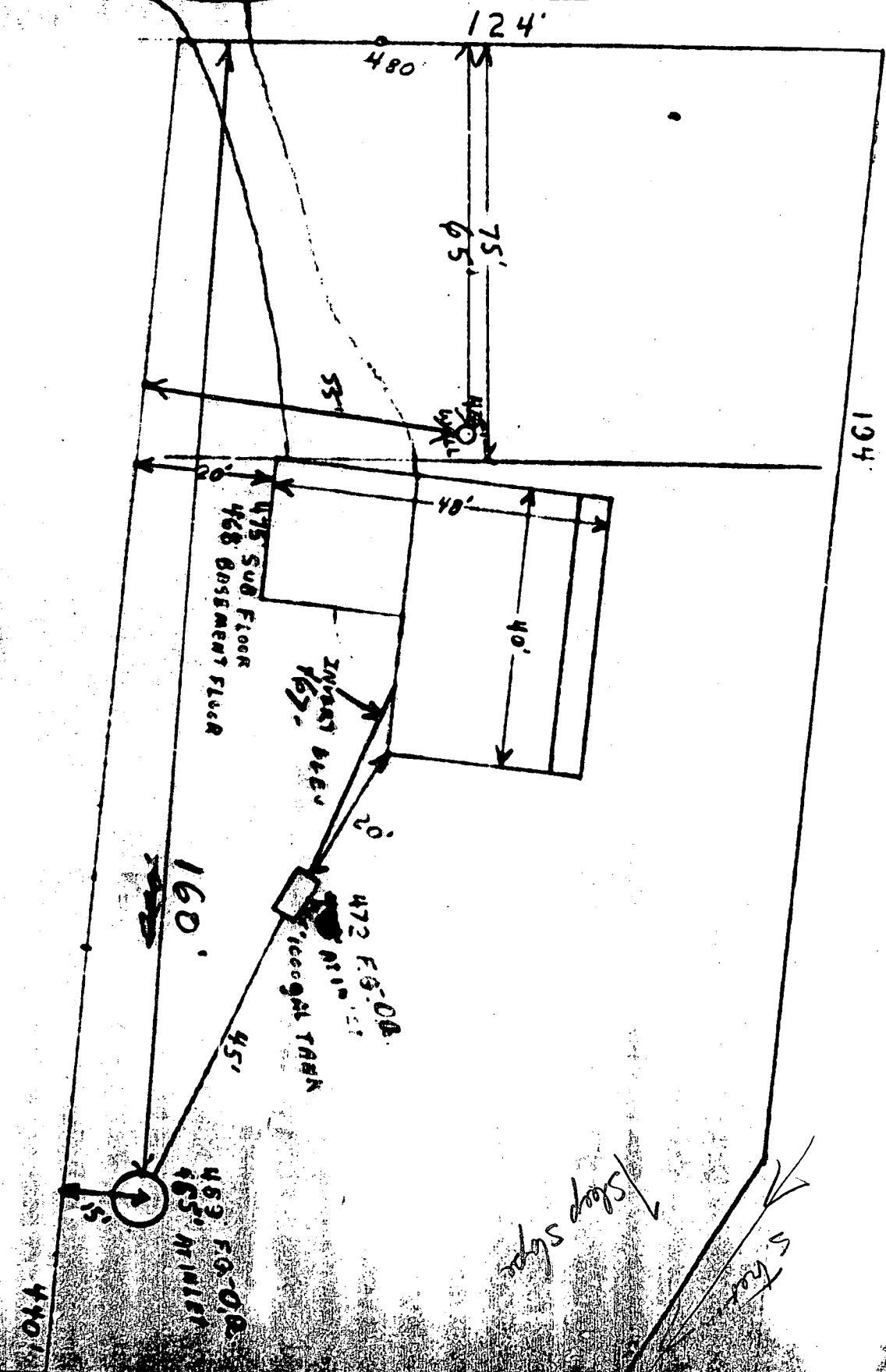
lot 24

SOIL AUGER FINDING _____

TESTED BY _____

REMARKS _____

BYEFIELD ROAD



APPLICATION

SEWAGE DISPOSAL TESTING

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

Dry Well - 400 sq ft

ELLICOTT CITY

DISTRICT 5

DATE 7/27/69

*absorbent sidewalk across to dry well
below the front 4 ft of curb. maximum
depth permitted for dry well is 4 ft below
original grade to make dry well 16" at front
front property and 10 ft from right side line
as seen from Eyepfield Rd*

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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

PROPERTY OWNER Thomas G. and Dorothy D. Oyster

ADDRESS 2419 Reddie Drive, Wheaton, Maryland 20902 PHONE 949-2011

PROPERTY LOCATION:

SUBDIVISION Hemlock Hill

LOT NO. 24

ROAD AND DESCRIPTION ~~Byfield Drive~~ ^{Road} ~~4/108~~

OCCUPANT _____

PHONE _____

PERSON TO CONSTRUCT SYSTEM _____

ADDRESS _____

PHONE _____

SIZE OF LOT 50,000 sq. ft. +

TYPE BLDG. 3/2 bedroom

NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

SIGNATURE OF APPLICANT Thomas G. Oyster

APPROVED BY Robert V. Tamm

FOR Dry Well

(KIND OF SYSTEM)

DATE 12/1/70

REJECTED BY _____

FOR _____

(KIND OF SYSTEM)

DATE _____

HOLD PENDING FURTHER TESTS _____

DATE _____

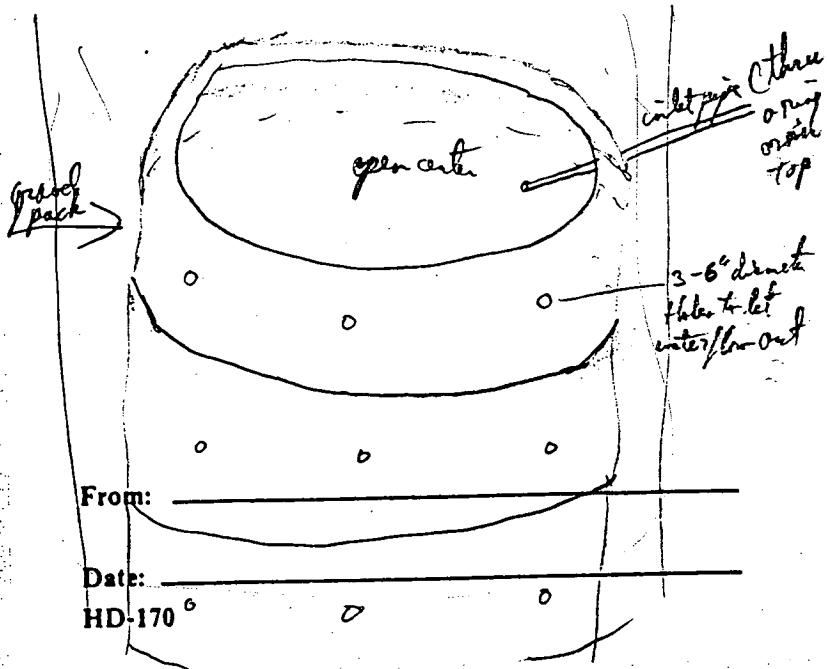
REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

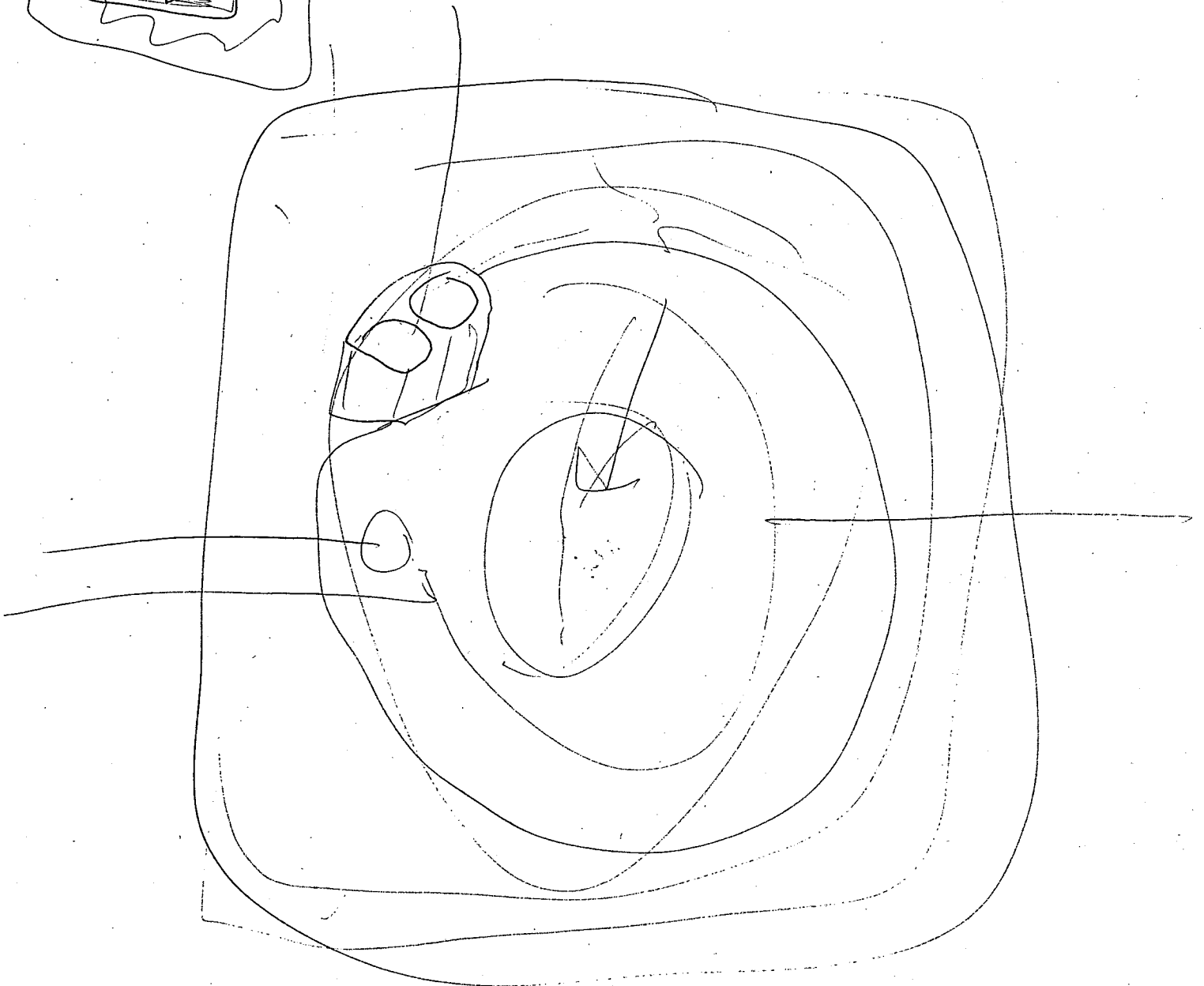
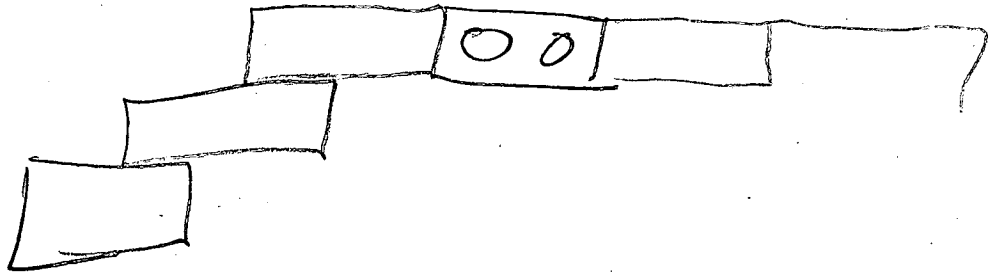
Howard County Health Department

To: _____

Typical rings for dry well



L



P A-repair
P 513297

PUT IN FILE
(Existing House)

HARR WELL DRILLING
12047 FALLS ROAD
COCKEYSVILLE, MD 21030
410-252-4588

HOWARD COUNTY YIELD TEST REPORT

Date Test Performed: 06-07-05 Permit Number: HO
Address: 12946 Byefield Road Subdivision:
Owners: Bruce Bates Election District:
Well Depth: Static Water Level:

Time	Water Level	PSI Existing Pump	Pumping Rate Seconds to fill 1 gallon bucket	Calculated Flow-Gallons Per Minute
0900		30 psi	8 sec	7.50
0915		31	9	6.67
0930		28	10	6.00
0945		26	11	5.45
1000		25	11	5.45
1015		24	29	2.07
1030		24	29	2.07
1045		24	29	2.07
1100		24	29	2.07
1115		24	30	2.00
1130		24	30	2.00
1145		24	30	2.00
1200		24	30	2.00
1215		24	30	2.00
1230		24	30	2.00
1245		24	30	2.00
1300		24	30	2.00
1315		24	30	2.00
1330		24	30	2.00
1345		24	30	2.00
1400		24	30	2.00
1415		24	30	2.00
1430		24	30	2.00
1445		24	30	2.00
1500		24	30	2.00

Howard County Health Department
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043

Memorandum

To: Carletta McKnight
From: Michael J. Davis *[Signature]*
Date: 10/12/2005
Re: Refund for 12946 Byefield Road

On September 23, 2005, Bruce Bates paid a fee of \$506.00 with a check from Edenton Court, LLC, for a percolation testing application. They were unable to perform the perc. The receipt number was 523364. (A copy of the receipt is attached.) He has requested a refund for the payment of the \$506.00 fee. Please send the refund to Edenton Court, LLC, 13060 Wainwright Road, Highland, MD 20777.

Thank you for your assistance in this matter.

FILE COPY

EDENTON COURT, LLC

13060 Wainwright Rd., Highland, MD 20777 Phone: 301-617-0164 Fax: 301-854-3503

Friday, October 07, 2005

Howard County Health Dept
Water & Sewerage Program
7178 Columbia Gateway Drive
Columbia, MD 21046

Re: Refund of Perc Application Fee

Dear: Mary L Briggs

We would like to request a refund of the \$506.00 Perc Application fee paid on 9/23/05 for the property located at 12946 Byefield Rd. You should find a copy of the receipt attached.

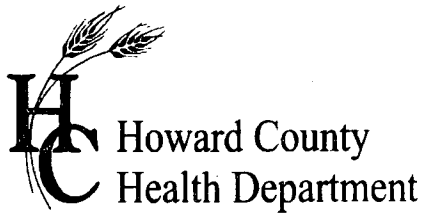
We were unable to perform the Perc Test per the inspector and he recommended we write to request this refund.

Please feel free to contact me at 301-617-0164 should you have any questions.

Thank you,



Bruce E. Bates
Project Supervisor



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ @IP 523364

AGENCY REVIEW: _____ DATE 9/23/2005

05-349125

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 TBD 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) JASON + AARON BATES

DAYTIME PHONE 301 537 0226 CELL 301 537 0226 FAX _____

MAILING ADDRESS 12946 BYEFIELD RD. HIGHLAND MD 20777
STREET CITY/TOWN STATE ZIP

APPLICANT BRUCE BATES

DAYTIME PHONE 301 617 0164 CELL 301 617 0164 FAX 301 854 3503

MAILING ADDRESS 13060 WAINWRIGHT RD. HIGHLAND MD 20777
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME LOT 24 HEMLOCK HILLS LOT NO. 24

PROPERTY ADDRESS 12946 BYEFIELD RD. HIGHLAND MD 20777
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 40 GRID 4 PARCEL(S) 278 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. [Signature]
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

APPROVED

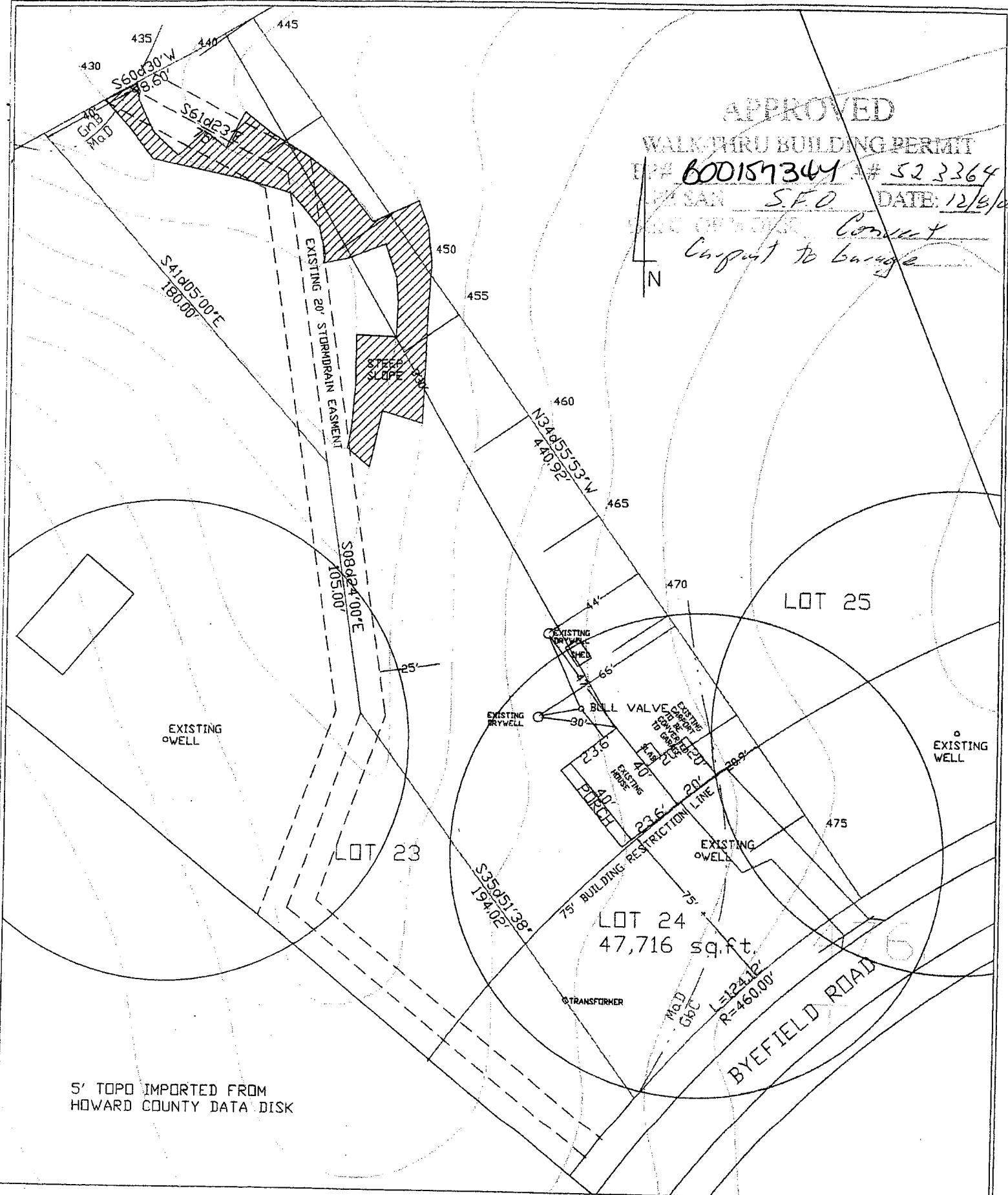
WALK-THRU BUILDING PERMIT

PERMIT # 600157344 # 523364

ISSUED SAN S.F.O. DATE: 12/6/05

BY: [Signature]

CONTRACT TO GARAGE



5' TOPO IMPORTED FROM HOWARD COUNTY DATA DISK

Contact:
Bruce Bates
301 617 0164
brucebates@mrisc.com

Date: December 7, 2005
Scale: 1" = 50'

CARPORIT TO GARAGE CONVERSION

Bates Residence
12946 Byefield Rd.
Highland, MD 20777
Lot 24, Hemlock Hills Subdivision
Election District 5

