

LAYOUT - 12/20/04 INSP 4 \_\_\_\_\_  
 INSP 2 12/21/04-07 INSP 5 \_\_\_\_\_  
 INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: \_\_\_\_\_

APPROVAL DATE: 12/21/04

**PERMIT**  
 INDEXED  
 05 387086

P \_\_\_\_\_  
 A 39077

**ON-SITE SEWAGE DISPOSAL SYSTEM  
 HOWARD COUNTY HEALTH DEPARTMENT  
 BUREAU OF ENVIRONMENTAL HEALTH**

Hatfields Equipment IS PERMITTED TO INSTALL  ALTER

ADDRESS: 13785 Burntwoods Road, Glenelg PHONE NUMBER: 410-531-6773

SUBDIVISION: Waterman Estates LOT NUMBER: 1

ADDRESS: 7741 Browns Bridge Road PROPERTY OWNER: Douglas Homes, Inc.

SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 180

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.5 feet below original grade. 1.5 feet of stone below distribution pipe.
LOCATION:	Start the first trench 315' from the front lot line and 30' from the let lot line as seen when facing the lot from Brown Bridge Road. Run trenches on contour thoward right lot line.
NOTES:	

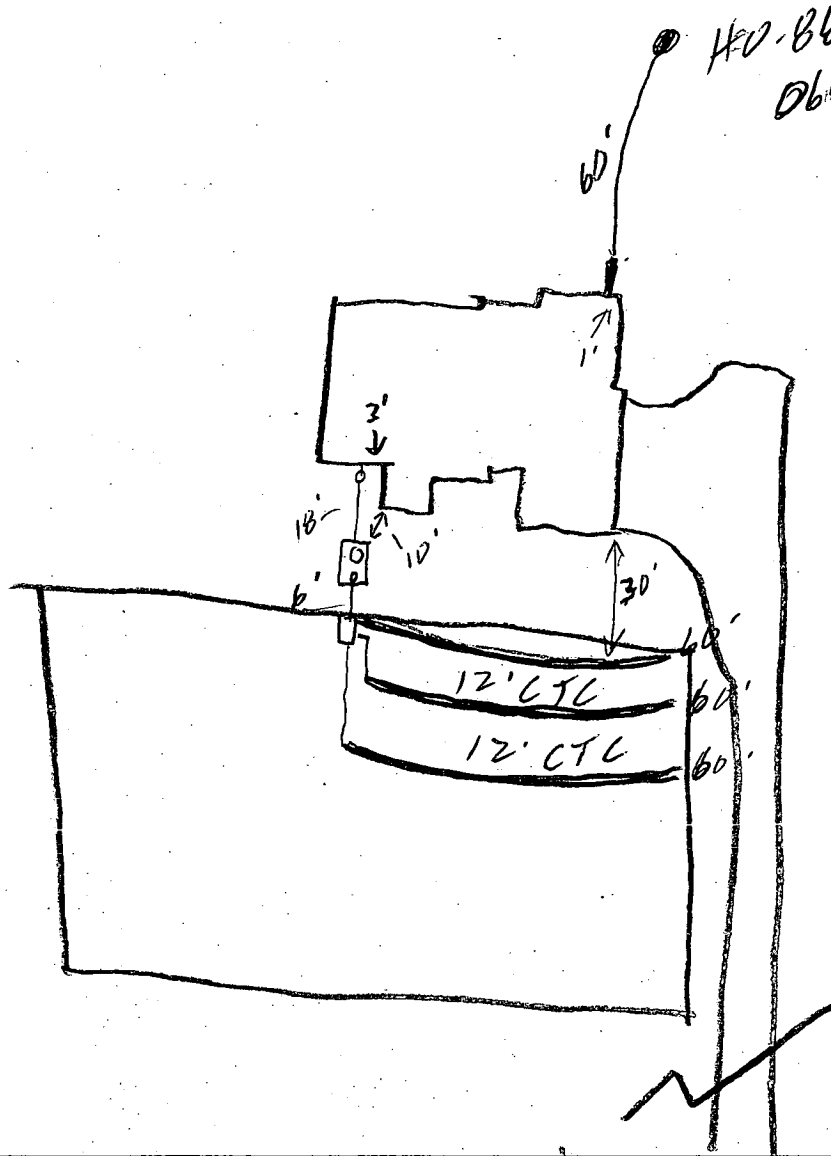
PLANS APPROVED: Kevin J. Bell o.k. DATE: 10/14/04

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED

**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**

A39077

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3.5'	5'
NUMBER OF TRENCHES		3
TOTAL LENGTH		180
ABSORPTION AREA		
DISTRIBUTION BOX LEVEL		<input checked="" type="checkbox"/>
DISTRIBUTION BOX BAFFLE		<input checked="" type="checkbox"/>
DISTRIBUTION BOX PORT		<input checked="" type="checkbox"/>

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	<input checked="" type="checkbox"/>
COMP CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	2-3'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input checked="" type="checkbox"/>
MANHOLE LOC	Front
6" PORT LOC	Back
WATERTIGHT TEST	<input checked="" type="checkbox"/>
SEPTIC TANK 2 LEVEL	
CAPACITY	
SEAM LOC	
TANK LID DEPTH	
BAFFLES	NA
BAFFLE FILTER	NA
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	

Bronny Bridge ROAD

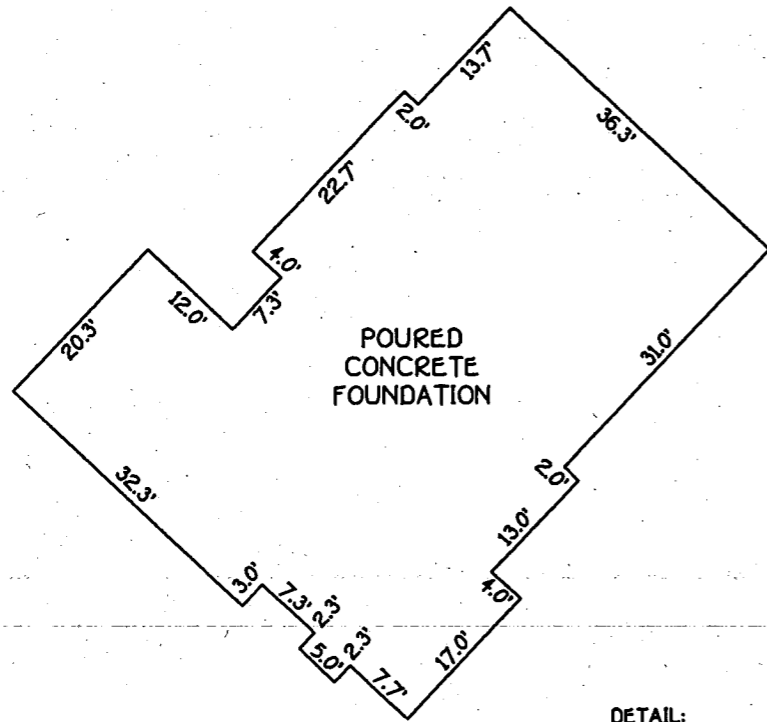
PRE-CONSTRUCTION 12/26/04 - SRA stakes, contours accurate.  
 Install (3) 60' trenches on one side (50)

INSTALLATION 12/21/04 - Complete system installed OK  
 to cover all work (50)

FINAL INSPECTOR [Signature] DATE OF APPROVAL 12/21/04

**GENERAL NOTES:**

- 1) THIS LOCATION DRAWING IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR REFINANCING OF THE PROPERTY SHOWN HEREON. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS LOCATION DRAWING IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS LOCATION DRAWING DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING FOR RE-FINANCING.
- 2) SUBJECT PROPERTY IS SHOWN IN ZONE C ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 2400440037B EFFECTIVE DEC. 4, 1986.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF PLUS OR MINUS 1' (±)
- 4) NO TITLE REPORT FURNISHED. SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY AND CONDITIONS OF RECORD.
- 5) THE EXISTING WELL(S) SHOWN ON THIS PLAN (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER HO-88-0607 HAS BEEN FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.



DETAIL:  
1"=20'



*Mark L. Robel* 11/05/04  
PROPERTY LINE SURVEYOR DATE  
REG. # 339

7141 BROWN BRIDGE ROAD  
B.R.L. = BUILDING RESTRICTION LINE  
TOP OF FOUNDATION ELEV. = 483.5'



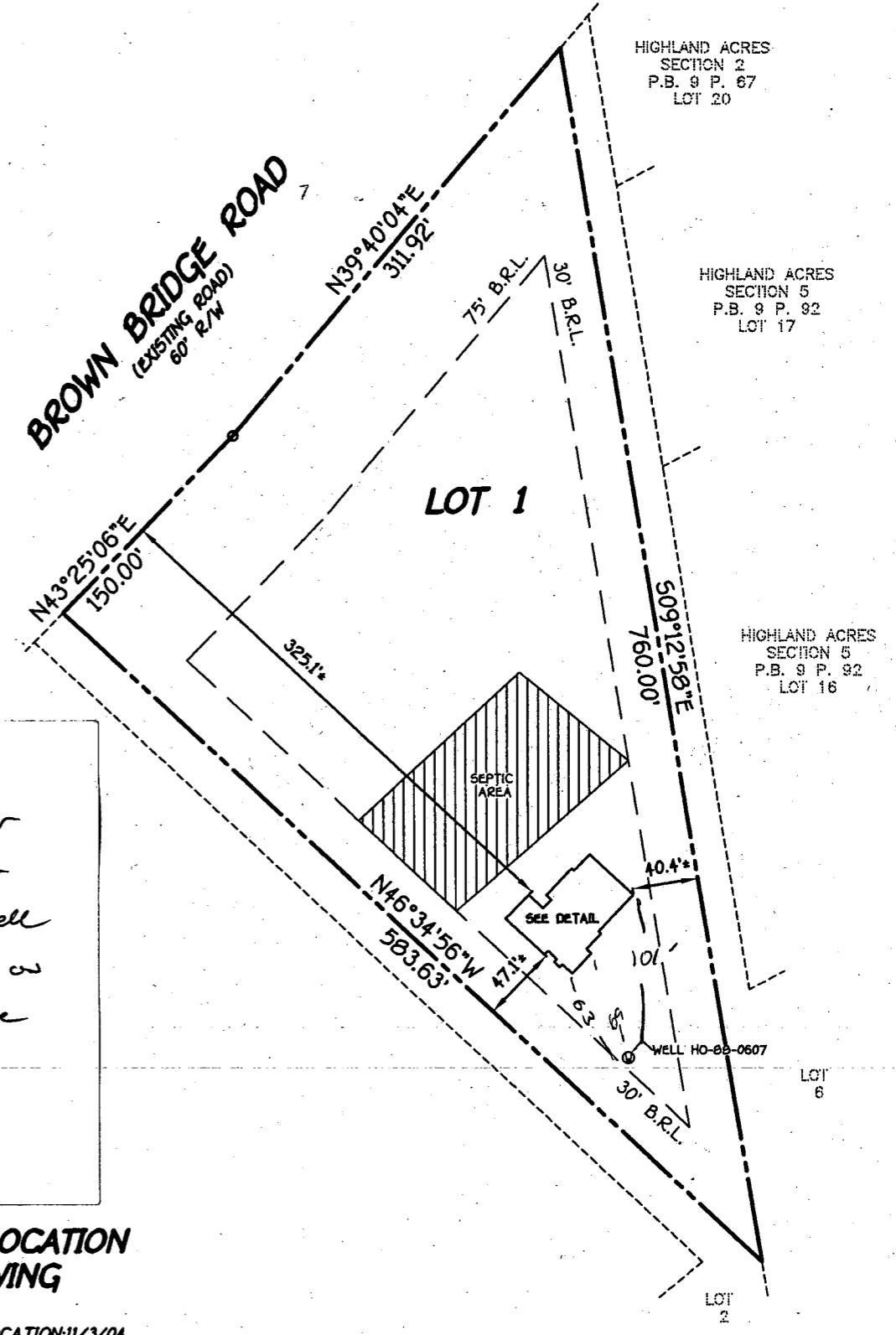
11/15/04  
talked with Joeg Eckert  
& she is sarding over  
a new site plan w/ well  
in the right location. Hold on  
the well check until we  
set the new plan  
KJB

**HOUSE LOCATION DRAWING**

FOUNDATION LOCATION: 11/3/04  
FINAL LOCATION: \_\_\_\_\_  
BOUNDARY SURVEY: \_\_\_\_\_

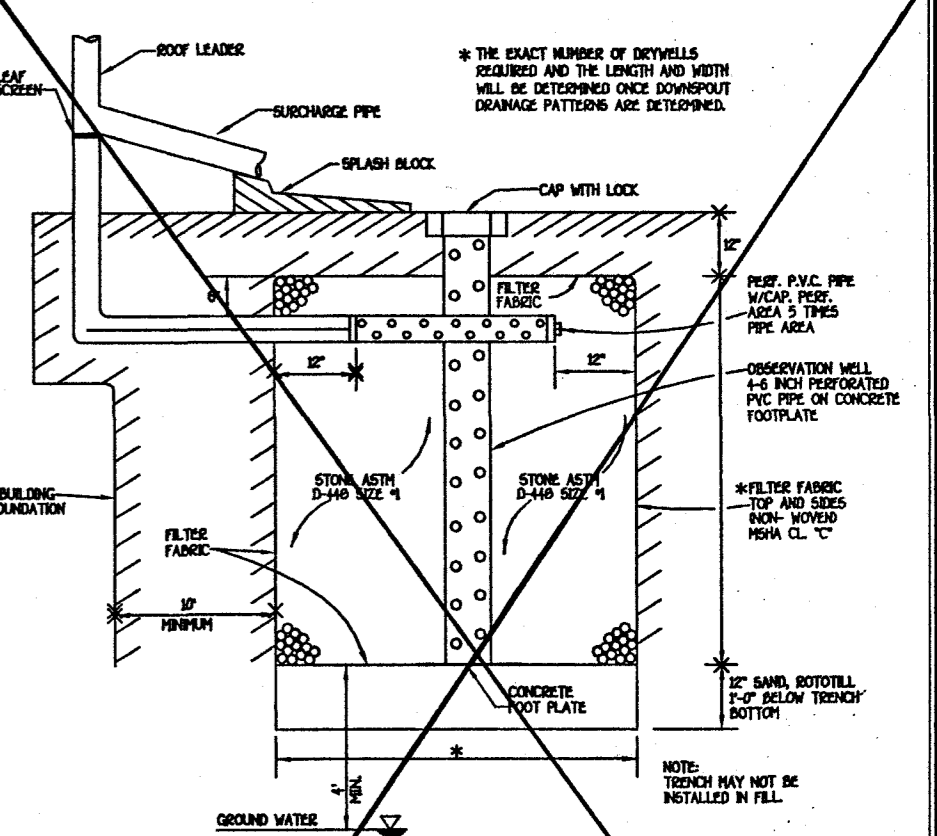
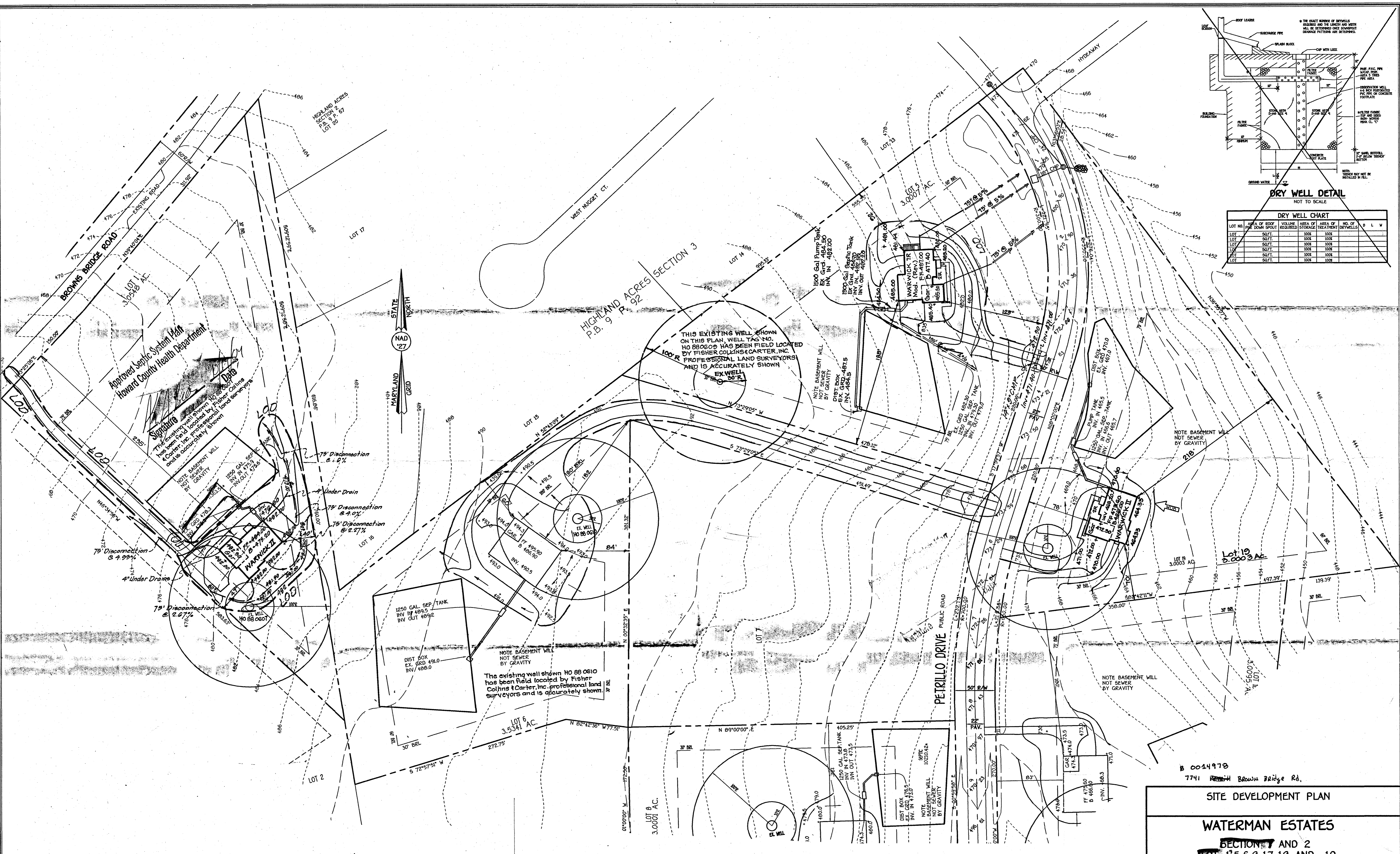
SCALE: 1"=100'  
DATE: 11/05/04  
DRAWN BY: V.L.J.  
CHECKED BY: M.L.R.  
PROJECT No.: 61733

LOT 1  
WATERMAN ESTATES  
SECTION TWO  
FIFTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
PLAT #7307



*Hotfields*

K:\S\PROJ\061733 WATERMAN ESTATES\DWG\PLOT PLAN.dwg, 04/17/2002 1:59:49 PM



**DRY WELL CHART**

LOT NO.	AREA OF ROOF (SQ. FT.)	VOLUME REQUIRED (GAL.)	AREA OF STORAGE (SQ. FT.)	AREA OF TREATMENT (SQ. FT.)	NO. OF DETAILS	D	L	W
LOT 1	5000	1000	1000	1000				
LOT 2	5000	1000	1000	1000				
LOT 5	5000	1000	1000	1000				
LOT 6	5000	1000	1000	1000				
LOT 7	5000	1000	1000	1000				
LOT 8	5000	1000	1000	1000				
LOT 17	5000	1000	1000	1000				
LOT 18	5000	1000	1000	1000				
LOT 19	5000	1000	1000	1000				

NO.	REVISION	DATE
4	Add well notes to lots 1 & 6	8-12-04
3	Revise hse & grd for Lot 1 to Warwick II	7-14-04
2	Rev. hse & grd to Warwick Modified	9-28-03
1	Rev. hse & grd to Warwick II	8/21/03

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
 ELLICOTT CITY, MARYLAND 21042  
 410-481-2095

FOR: DOUGLAS HOMES  
 P.O. BOX 620  
 ELLICOTT CITY, MARYLAND 21041  
 410-750-0522

B 0014978  
 7741 Browns Bridge Rd.  
**SITE DEVELOPMENT PLAN**  
**WATERMAN ESTATES**  
**SECTION 7 AND 2**  
**LOT 1, 5, 6, 8, 17, 18 AND, 19**  
 TAX MAP No. 40 PARCEL No. 397 & 250  
 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 SCALE: 1"=50' DATE: APRIL, 2002  
 SHEET 1 OF 2

LOT # 1

C1 2458

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER A-59077

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL"

Grid for date received

Grid for date well completed

Grid for depth of well

Grid for permit number

OWNER, STREET OR RFD, TOWN, SUBDIVISION, SECTION, LOT

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY NO. OF BAGS NO. OF POUNDS GALLONS OF WATER DEPTH OF GROUT SEAL

CASING RECORD casing types insert appropriate code below MAIN CASING Nominal diameter Total depth

OTHER CASING (if used) diameter depth (feet) from to

SCREEN RECORD screen type or open hole insert appropriate code below

DEPTH (nearest ft.) EACH SCREEN SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

CIRCLE APPROPRIATE LETTER 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 10.17.13 "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.

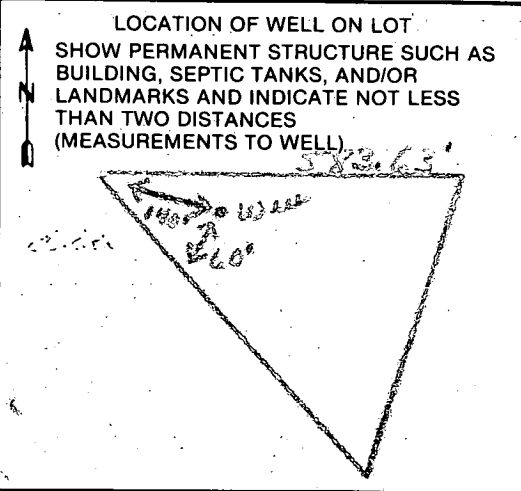
DRILLERS IDENT. NO. DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

PUMPING TEST HOURS PUMPED (nearest hour) PUMPING RATE (gal. per min. to nearest gal.) METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING WHEN PUMPING TYPE OF PUMP USED (for test)

PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE) (YES or 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) LAND SURFACE (nearest foot)



COUNTY



Water Level

Pumping rate

Calculated  
Flow

2:30 261 ft.

21 sec.

2.8



B 1 2268 SEQUENCE NO. (DP USE ONLY)  
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

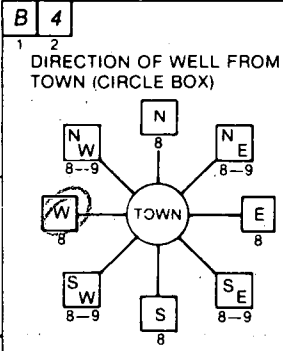
STATE OF MARYLAND  
PERMIT TO DRILL WELL  
please print or type

STATE PERMIT NUMBER  
HO-88-0607  
fill in this form completely

Date Received (APA) 050989  
OWNER INFORMATION  
HILLTOP Development  
PO BOX 208  
CLARKSVILLE MD 21029

LOCATION OF WELL  
HOWARD COUNTY  
WATERMAN ESTATES  
SECTION 2 LOT 1  
FULTON  
MILES FROM TOWN 1 3/4 MI

DRILLER INFORMATION  
Joseph L. Mayne  
Joseph L. Mayne Well Drilling  
5512 Rillge RD. Mt. Airy 21771  
4/29/89



Browns Bridge Road  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
NORTH  
WEST  
EAST  
SOUTH  
DISTANCE FROM ROAD 600 FT

WELL INFORMATION  
APPROX. PUMPING RATE (GAL. PER MIN.) 5  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)  
D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)  
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)  
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
Howard COUNTY NAME  
A-39077 COUNTY NO.  
DATE ISSUED 051589  
CO SIGNATURE [Signature]  
NORTH GRID 482000 EAST GRID 0814000

APPROXIMATE DEPTH OF WELL 260 FEET

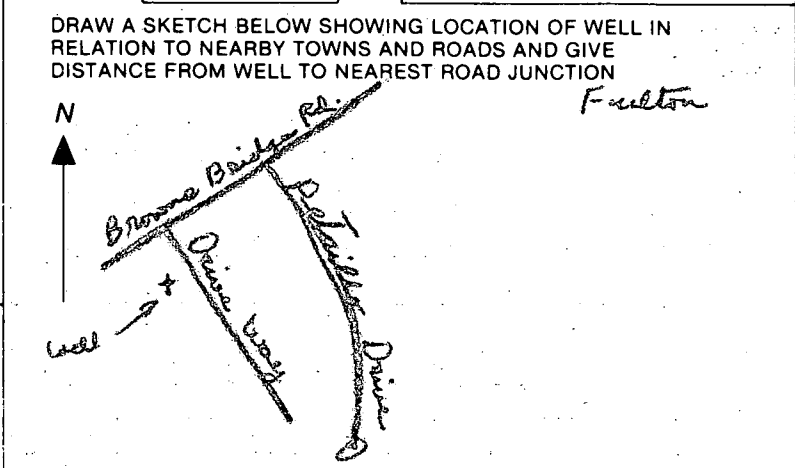
APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)  
BORED (or Augered) JETTED Jetted & DRIVEN  
AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)  
CABLE REVERSE-ROTary Drive-POINT

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
SOURCES OF DRILLING WATER  
1. WELL  
WRITE THE BOX NUMBER FROM THE MAP HERE  
E 810 4  
N 480 2

5-20-89 9:30  
11 Bags of cement  
63' casing  
45' open  
1' casing above ground.

REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)  
N THIS WELL WILL NOT REPLACE AN EXISTING WELL  
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY  
D THIS WELL WILL DEEPEIN AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)

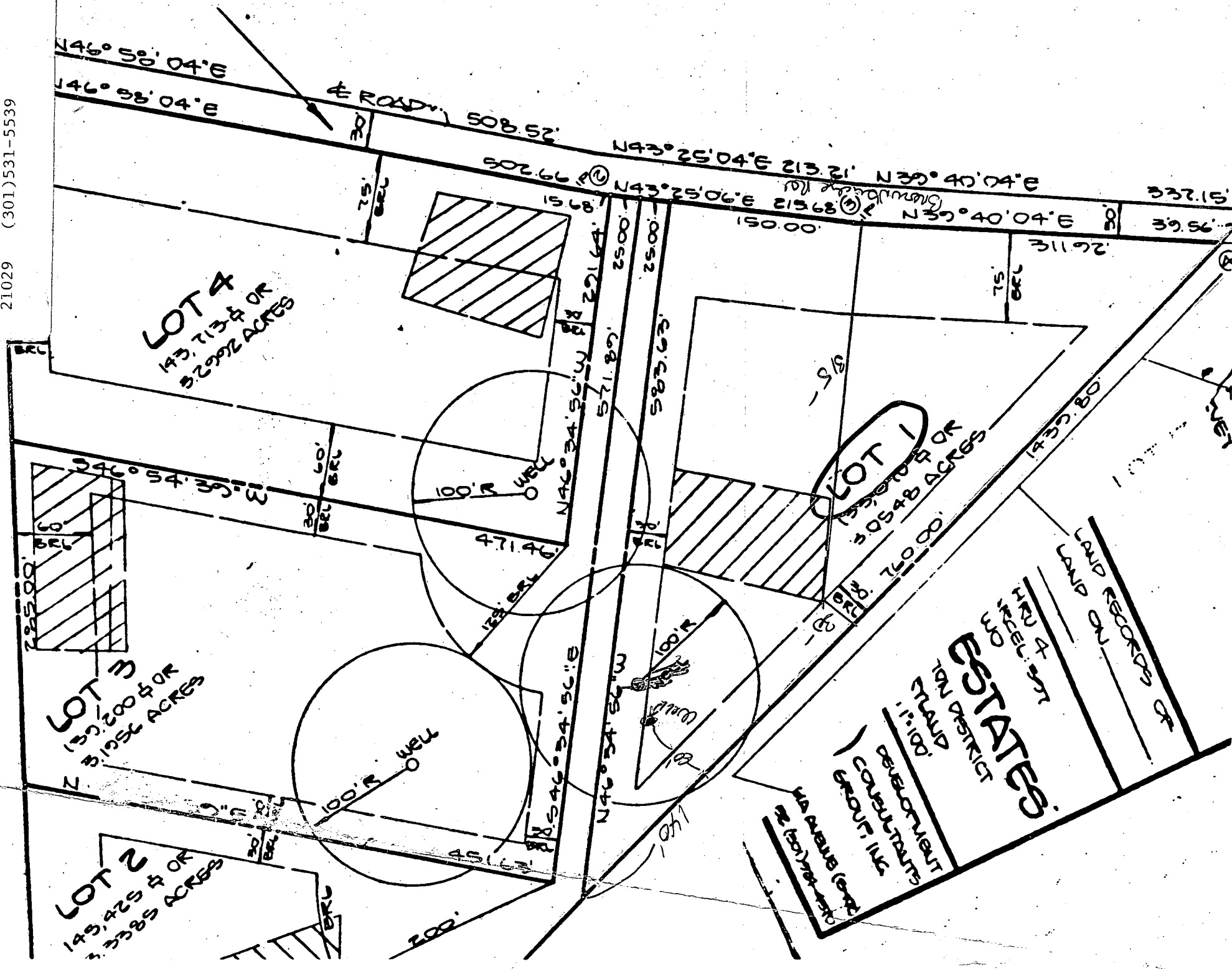


Not to be filled in by driller (OEP USE ONLY)  
APPROP. PERMIT NUMBER GAP  
FORCE SA PERMIT No. HO-88-0607

SPECIAL CONDITIONS  
COUNTY

WATERMAN ESTATES, SECTION 2

Lot 1, Hilltop Development Corp.  
P.O. Box 208, Clarksville, MD  
21029 (301)531-5539



WATERMAN ESTATES  
 11-1100  
 DISTRICT  
 DEVELOPMENT  
 CONSULTANTS  
 GROUP, INC.  
 10000  
 (301) 531-5539

LAND RECORDS OF  
 LAND ON

# APPLICATION

PERCOLATION TESTING

A 39077

P \_\_\_\_\_

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

DISTRICT 5

DATE 4/2/87

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 ~~W.I. Research, Inc.~~ Hilltop Development Corporation

ADDRESS 7625 Brown Bridge Road PHONE \_\_\_\_\_

PROSPECTIVE BUYER Richard J. Demmitt

ADDRESS P.O. Box 208, Clarksville, Md. 21029 PHONE 301-531-5539

PROPERTY LOCATION:

SUBDIVISION Waterman Estates, Section ~~One~~ Two (a) LOT NO. ~~Nineteen (19)~~ NEW LOT 1

ROAD AND DESCRIPTION ~~7625~~ Brown's Bridge Road

TAX MAP 40 PARCEL # 397

SIZE OF LOT 3 acres TYPE BLDG. \_\_\_\_\_  
(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.

Richard J. Demmitt  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

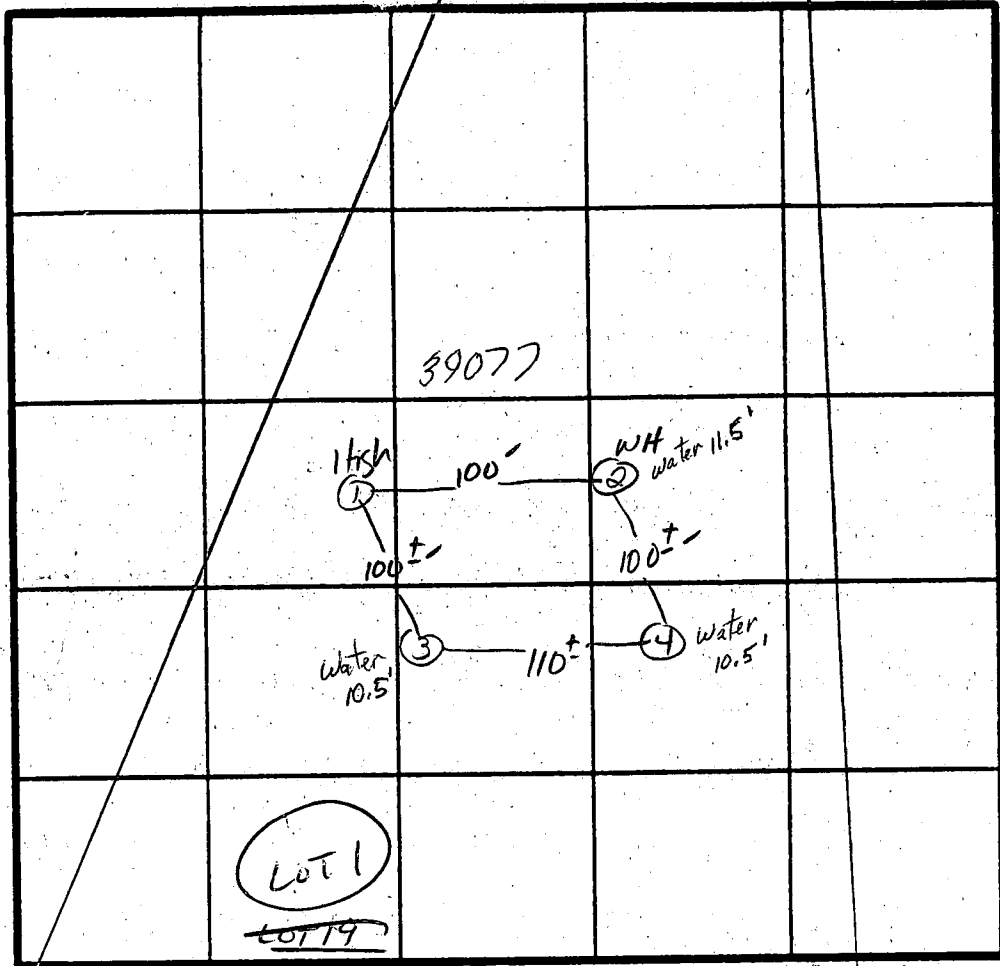
REASONS FOR REJECTION OR HOLDING 5-12-87 Reue SATISFACTORY - hold for PERC 5/1/87

BLDG. PERMIT SIGNED  
AND RETURNED 7/5/87  
Serial # 76992 -  
3 Bu - per B.P.

# THIS IS NOT A PERMIT

① SOIL PROFILE

8" AP  
 Yellowed Silty CLAY LOAM  
 SMALL ROCK FRAGS  
 10-15% COARSE FRAGS  
 4.5' Yellow BA Silt LOAM TO TAN → WHITE SAND LOAM  
 15-25% FRAGS → H<sub>2</sub>O 2-4  
 10.5-11.5'  
 14'



X PERC 8 MIN  
 150 Φ 1 BK  
 INLET 3.5'  
 BOTTOM 5.5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.  
 BROWN BRIDGE Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/12/87	1 S	4.5'	10:48	10:52	10:52	11:15	23 MIN
		9.5'	10:44	10:45	10:45	10:47	2 MIN
	1 V	14'	UNIFORM soil below		4.5'		
	2 V	13'	WATER AT 11.5'		UNIFORM below	4.5'	
	3 S	4.5'	10:48	10:51	10:51	10:55	4 min
	3 V		UNIFORM soil below		4" H <sub>2</sub> O AT 10.5'		
	4 S	3.5'	10:48	10:49	10:49	10:51	2 MIN
	4 V		UNIFORM soil below		3.0" H <sub>2</sub> O AT 10.5'		

REMARKS Holes DIFF THAN PCAT / SHALLOW SQST. ONLY

TYPE OF SOIL CHESTER

TESTED BY S. SHUL ALSO PRESENT Allen's BACKHOE R. PERMITT



**HOWARD COUNTY  
 PERMIT APPLICATION**

**PERMIT NUMBER**  
B00149788K5B

Building Address 7741 BROWNS BRIDGE RD  
HIGHLAND MD. 20777

Property Owner's Name DOUGLAS HOMES INC  
 Address P.O. BOX 628

Suite/Apt. #: N/A SDP/WP/Petition #: \_\_\_\_\_

City ELlicott City State MD Zip Code 21042

Census Tract 60502 Subdivision WARHAM ESTATES  
 TAX ID# 05-387086  
 Section \_\_\_\_\_ Area \_\_\_\_\_ Lot 1

Home Phone \_\_\_\_\_ Work Phone 410-750-0502

Tax Map 40 Parcel 250 Grid 24

Applicant's Name & Mailing Address, (if other than stated hereon):

Zoning RR Map Coordinates 1864 Lot size 3.0543

Phone \_\_\_\_\_ Fax \_\_\_\_\_

Existing Use VACAT LOT

Contractor Company SAME

Proposed Use SED

Contact Person DANA BORG

Estimated Construction Cost \$ 300,000

Address \_\_\_\_\_

Description of Work NEW HOME WARWICK II  
2 STORY, FULL BASEMENT / RR, 3 BR, 1 HB  
FP + 3 CAR GARAGE

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

License No. 327

Phone \_\_\_\_\_ Fax \_\_\_\_\_

Occupant or Tenant N/A

Engineer or Architect Company D.W. Taylor

Contact Name \_\_\_\_\_

Contact Person MIKE HAMMEL

Address \_\_\_\_\_

Address 5024 DORSEY HALL DRIVE

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

City ELlicott City State MD Zip Code 21042

Phone \_\_\_\_\_ Fax \_\_\_\_\_

Phone 410-964-1181 Fax \_\_\_\_\_

**BUILDING DESCRIPTION - COMMERCIAL**

**BUILDING DESCRIPTION - RESIDENTIAL**

Building Characteristics

Utilities

Building Characteristics

Utilities

Height: \_\_\_\_\_  
 No. of stories: \_\_\_\_\_  
 Gross area, sq. ft. per floor: \_\_\_\_\_  
 Use group: \_\_\_\_\_  
 Construction type:  
 Reinforced Concrete  
 Structural Steel  
 Masonry  
 Wood Frame  
 State Certified Modular

Water Supply:  
 Public  
 Private  
 Sewage Disposal:  
 Public  
 Private  
 Electric Yes  No   
 Gas Yes  No   
 Heating System:  
 Electric  Oil   
 Natural Gas   
 Propane Gas   
 Sprinkler system: N/A   
 Full  
 Partial  
 Other Suppression  
 # of Heads

SF Dwelling  SF Townhouse   

	Depth	Width
1st floor:	<u>52</u>	<u>61</u>
2nd floor:	<u>52</u>	<u>61</u>
Basement:	<u>52</u>	<u>61</u>

 Finished Basement  Unfinished Basement   
 Crawl space  Slab on Grade   
 No. of Bedrooms 4  
 Multi-family dwellings:  
 No. of efficiency units: \_\_\_\_\_  
 No. of 1 BR units: \_\_\_\_\_  
 No. of 2 BR units: \_\_\_\_\_  
 No. of 3 BR units: \_\_\_\_\_  
 Other Structure: \_\_\_\_\_  
 Dimensions: \_\_\_\_\_  
 Footings: \_\_\_\_\_  
 Roof: \_\_\_\_\_  
 State Certified Modular  
 Manufactured Home

Water Supply:  
 Public  
 Private  
 Sewage Disposal:  
 Public  
 Private  
 Electric Yes  No   
 Gas Yes  No   
 Heating System:  
 Electric  Oil   
 Natural Gas   
 Propane Gas   
 Sprinkler system: N/A   
 NFPA #13D  
 NFPA #13R  
 Other:

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Dana D Borg  
 Applicant's Signature  
PROJECT MANAGER  
 Title/Company

DANA BORG  
 Print Name  
9/18/09  
 Date

Checks payable to: **DIRECTOR OF FINANCE OF HOWARD COUNTY**  
 \*\* PLEASE WRITE NEATLY AND LEGIBLY \*\*

**FOR OFFICE USE ONLY**

AGENCY	DATE	SIGNATURE APPROVAL
Land and Development, DPZ		
State Highways		
Building Official		
Dev. Engineering, DPZ		
Health	<u>10/24/09</u>	<u>[Signature]</u>
Fire Protection		

Is Sediment Control approval required prior to issuance?  
 YES  NO

CONTINGENCY CONSTRUCTION START

ONE STOP SHOP

**DPZ SETBACK INFORMATION**

Front: \_\_\_\_\_  
 Rear: \_\_\_\_\_  
 Side: \_\_\_\_\_  
 Side St: \_\_\_\_\_  
 All minimum setbacks met? YES  NO   
 Is Entrance Permit required? YES  NO   
 Historic District? YES  NO   
 Lot Coverage for New Town Zone \_\_\_\_\_  
 SDP/Red-line approval date: \_\_\_\_\_

**PROPERTY ID#** 54060  
 Filing fee \$ 100  
 Permit fee \$ \_\_\_\_\_  
 Excise tax \$ \_\_\_\_\_  
 Add'l per-fee \$ \_\_\_\_\_  
**TOTAL FEES** \$ \_\_\_\_\_  
 Sub-total paid \$ \_\_\_\_\_  
 Balance due \$ \_\_\_\_\_  
 Check # 27021  
 Validation # 944112  
 Accepted by [Signature]

Distribution of Copies: White: Building Official Green: LDD, DPZ Yellow: DED, DPZ Pink: Health Gold: SHA

**CASSELL TESTING, INC.**

ENVIRONMENTAL SAMPLING AND TESTING  
10940 BEAVER DAM ROAD, HUNT VALLEY, MD 21030-2211  
(410) 252-7742

REPORT DATE: Apr 28, 2005

County Howard

Lab Number 05-1964

Sample iced Yes  
Residual Cl<sub>2</sub> <0.1 mg/L Yes

cc: County Health Dept. Yes

**CERTIFICATE OF ANALYSIS**

Maryland State Certified Water Quality

Laboratory No. 116

REQUESTER:

Douglas Homes  
Attn: Mitch Miller  
5034 Dorsey Hall Drive  
Suite 102  
Ellicott City, Maryland 21041

Property Sampled: U&amp;O: 7741 Browns Bridge Road, Retest #2 for Turbidity

Station Sampled: Powder room &amp; Pressure tank taps Tax Map #: 40

Date/Time Sampled: Apr 28, 2005 1:10 pm Parcel #: 250

Owner, Telephone No.: Dyson Sampler: 5226SB

Subdivision Name: Waterman Estates Lot Number: 1

Building Permit No.: B00149788

Well Number: HQ-BB-0607

Observation: 2-Piece Cap  
Well not observed  
this trip

**RESULTS OF ANALYSIS:**

PARAMETER	RESULT	METHOD	*MCL/**SMCL	
Turbidity from powder room tap:				
Turbidity	<1.0 NTU	EPA 180.1	*10 NTU	PASS
Turbidity from pressure tank tap:				
Turbidity	2.4 NTU	EPA 180.1	*10 NTU	PASS

Treatment/Conditioning: Sediment filter



Heather R. Beam

\*MCL = Maximum Contamination Level

\*\*SMCL = Secondary Maximum Contamination Level

**CASSELL TESTING, INC.**

ENVIRONMENTAL SAMPLING AND TESTING  
10940 BEAVER DAM ROAD, HUNT VALLEY, MD 21030-2211  
(410) 252-7742

REPORT DATE: Apr 20, 2005

County Howard

Lab Number 05-1733

Sample Iced Yes  
Residual Cl<sub>2</sub> <0.1 mg/L Yes

cc: County Health Dept. Yes

**CERTIFICATE OF ANALYSIS**

Maryland State Certified Water Quality

Laboratory No. 115

REQUESTER: Douglas Homes  
Attn: Mitch Miller  
5034 Dorsey Hall Drive  
Suite 102  
Ellicott City, Maryland 21041

Property Sampled: U&amp;O: 7741 Browns Bridge Road, Retest for Turbidity

Station Sampled: Powder room &amp; Pressure tank taps Tax Map #: 40

Date/Time Sampled: Apr 20, 2005 10:35 am Parcel #: 250

Owner, Telephone No.: Dyson Sampler: 6724GP

Subdivision Name: Waterman Estates Lot Number: 1

Building Permit No.: B00149788

Well Number: HD-88-0607

Observation: 2-Piece Cap  
Satisfactory**RESULTS OF ANALYSIS:**

PARAMETER	RESULT	METHOD	*MCL/**SMCL	
Turbidity from powder room tap:				
Turbidity	30.0 NTU	EPA 180.1	*10 NTU	HIGH
Turbidity from pressure tank tap:				
Turbidity	29.4 NTU	EPA 180.1	*10 NTU	HIGH

Treatment/Conditioning: Sediment filter



Sharon K. Cassell

\*MCL = Maximum Contamination Level

\*\*SMCL = Secondary Maximum Contamination Level

# CASSELL TESTING, INC.

ENVIRONMENTAL SAMPLING AND TESTING  
10940 BEAVER DAM ROAD, HUNT VALLEY, MD 21030-2211  
(410) 252-7742

REPORT DATE: Apr 9, 2005

County: Howard

Lab Number: 05-1423

Sample iced: Yes  
Residual Cl<sub>2</sub> <0.1 mg/L: Yes

cc: County Health Dept. Yes

## CERTIFICATE OF ANALYSIS

Maryland State Certified Water Quality  
Laboratory No. 115

REQUESTER: Douglas Homes  
Attn: Mitch Miller  
5034 Dorsey Hall Drive  
Suite 102  
Ellicott City, Maryland 21041

Property Sampled: U&O: 7741 Browns Bridge Road

Station Sampled: Laundry Tub & Pressure Tank Taps

Tax Map #: 40

Date/Time Sampled: Apr 8, 2005 11:40 am

Parcel #: 250

Owner, Telephone No.: Dyson

Sampler: 67246P

Subdivision Name: Waterman Estates

Lot Number: 1

Building Permit No.: B00149789

Well Number: HO-88-0607

Observation: 2-Piece Cap  
Cap tight  
2 bolts loose

### RESULTS OF ANALYSIS:

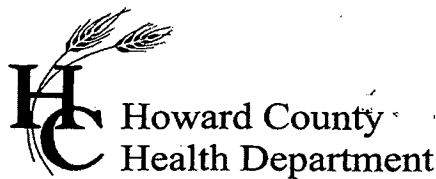
PARAMETER	RESULT	METHOD	*MCL/**SMCL	
Nitrate	4.9 mg/L as N	SM 4500D	*10 mg/L as N	Pass
Turbidity (Raw)	63.4 NTU	EPA 180.1	*10 NTU	HIGH
Turbidity (Trtd)	54.6 NTU	EPA 180.1	*10 NTU	HIGH
Sand	Negative		Negative	
pH	6.0 Units	EPA 150.1	**6.5-8.5 Units	***
Iron	2.1 mg/L as Fe		**0.3 mg/L as Fe	
Total Coliform	Absent	SM 9223B	*Absent	SAFE
E. coli	Absent	SM 9223B	*Absent	SAFE

(18 Hour Test)  
Treatment/Conditioning: Sediment filter

\*\*\*A non-enforceable parameter that may cause cosmetic effects or aesthetic effects (such as taste, odor, or color) in drinking water.

Sharon K. Cassell

\*MCL = Maximum Contamination Level  
\*\*SMCL = Secondary Maximum Contamination Level



3525 H Ellicott Mills Drive, Ellicott City, MD 21043  
(410) 313-1771 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: www.hchealth.org

Pennv E. Borenstein, M.D., M.P.H., Health Officer

April 29, 2005

Douglas Homes, Inc.  
5034 Dorsey Hall Drive, Suite 102  
PO Box 628  
Ellicott City, MD 21042

**SENT VIA FACSIMILE 240-568-0368**

RE: 7741 Browns Bridge Road  
Highland, MD 20777  
BP #: B00149788  
Well Permit # HO-88-0607

Dear Sirs:

This is to advise you that the septic system for the above referenced property has been installed and inspected. **Final approval of the septic system was granted on 12/21/2004. Final approval of the well line connection to the dwelling was approved on 12/21/2004.**

The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking. The water sample results were found to be in compliance with COMAR water quality standards.

#### **INTERIM CERTIFICATE OF POTABILITY**

This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit #HO-88-0607. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies. Based upon satisfactory investigation and evaluation, the Howard County Health Department as authorized by the Maryland Department of the Environment accepts this well system as required by COMAR 26.04.04.

This certificate may become final upon completion of the second bacteriological test, which is to be taken by the county health department within six months of receipt of this letter. **Please contact (410) 313-1773 to schedule a final water sample appointment. Currently, there is no charge for this final sampling.**

Date of Water Sample(s): 04/8/2005, 04/20/2005 & 04/28/2005  
Date of Well Completion: 05/26/1989

Approving Authority,

Stuart Oster, R. S.  
Well & Septic Program

cc: Building Inspector's Office  
Community Health Services  
File