

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 511516

A 48846

DISTRICT

DATE 4/15/99

DATE SYSTEM APPROVED 5/11/99

INSPECTOR DKS

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

XXXXXXX 410-313-2640

INDEXED

Fogle's Septic Clean, Inc.

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 580 Obrecht Road, Sykesville, MD 21784 PHONE 410-795-5674

SUBDIVISION Quarterfield Estates LOT 30 ROAD 11607 Whitetail Lane

PROPERTY OWNER Dale Thompson Builder KATY & PAT BOGGS

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 4 1/2 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 1/2 feet below original grade. 1 1/2 feet of stone below distribution pipe.

LOCATION - Starting from the right rear lot corner, place the distribution box 90 feet down the rear lot line and 30 feet off this same lot line. Run trenches on contour to left side of lot.

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

TRENCH INVERT SHALLOWER, IF POSSIBLE OK Km 12-8-98

PLANS APPROVED BY Mark E. Rifkin DATE 12-03-98

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

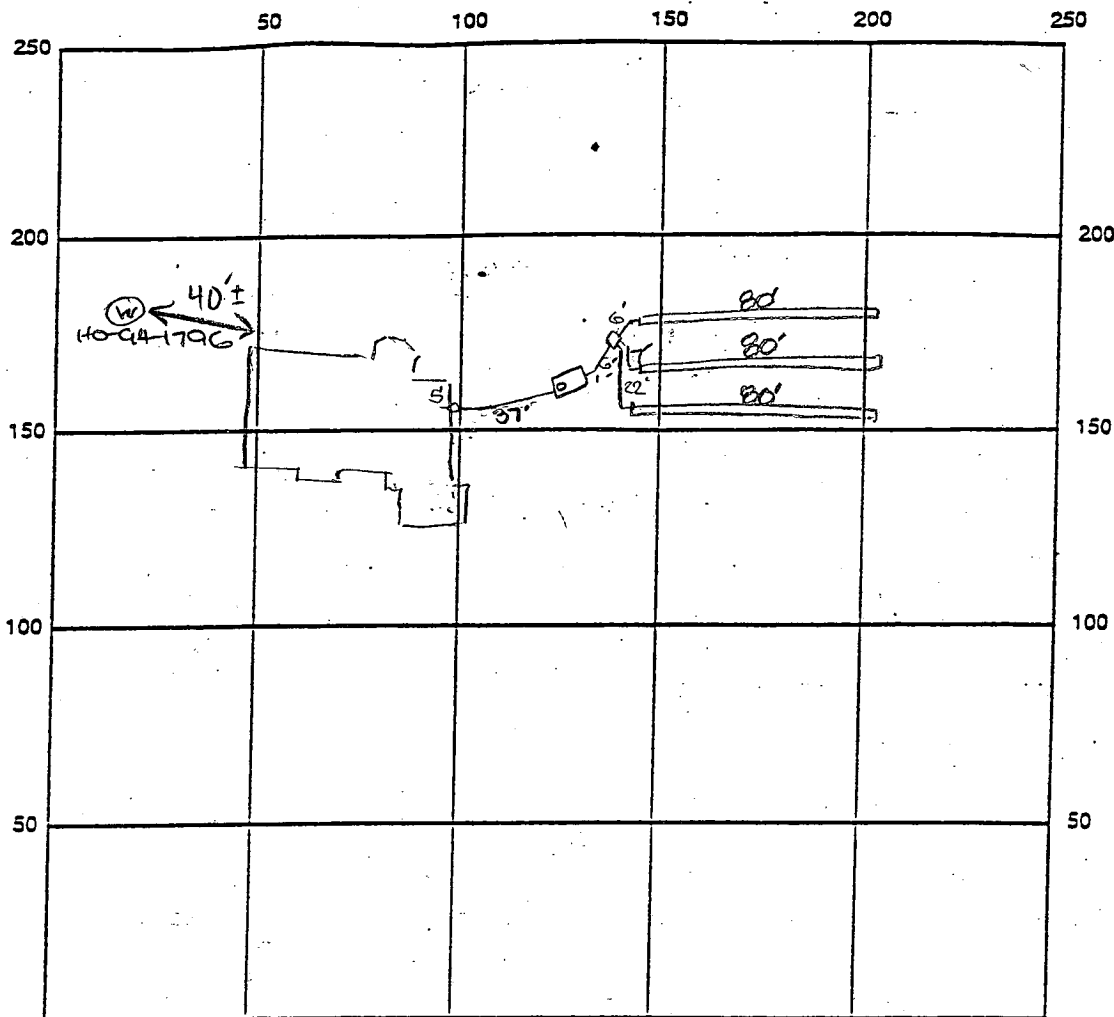
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

OLD PERMIT REVOKED
AND RETURNED 2/13/2002
BO 0134331
INGROUND POOL

48846



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Whitetail Lane

SEPTIC TANK LEVEL OK - 1250 gal CLEANOUTS OK - one at house
one on S.H.

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4.5 FT.

EFFECTIVE GRAVEL DEPTH 1.5 FT. TOTAL LENGTH 3 x 80 FT. → 240

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: 4/20/99 Site inspection revealed that some grading has occurred
and that a berm was constructed across the upper part of the
septic area. Also, it doesn't appear that a gravity system is
possible. Contractor to request that upper corners of SDA be stacked.
4/21/99 septic area to be cleared of debris and remains of berm and
5/11/99 FINAL INSP - OK to cover all work. JKS

DATE SYSTEM APPROVED 5/11/99 INSPECTOR J. J. J. J. J.

APPLICATION

PERCOLATION TESTING

A 48846

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Joseph M. Zoller, III DALE Thompson Builders
11696 Carroll Mill Road
ADDRESS Ellicott City, Maryland 21043 PHONE _____

AGENT OR PROSPECTIVE BUYER SDC Group, Inc.
ADDRESS P.O. Box 417, Ellicott City, MD 21041 PHONE (410) 465-4244

PROPERTY LOCATION:

SUBDIVISION Zoller Property LOT NO. 223430

ROAD AND DESCRIPTION Northeast quadrant Folly Quarter Road and Carroll Mill Road
intersection. (11607 Whitetail Lane)

TAX MAP 23 PARCEL # 8,82 & 101

SIZE OF LOT 1 Ac +/- TYPE BLDG. Single Family - 4 Bdr
(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. SPG Group Inc.
By: [Signature] VP.
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

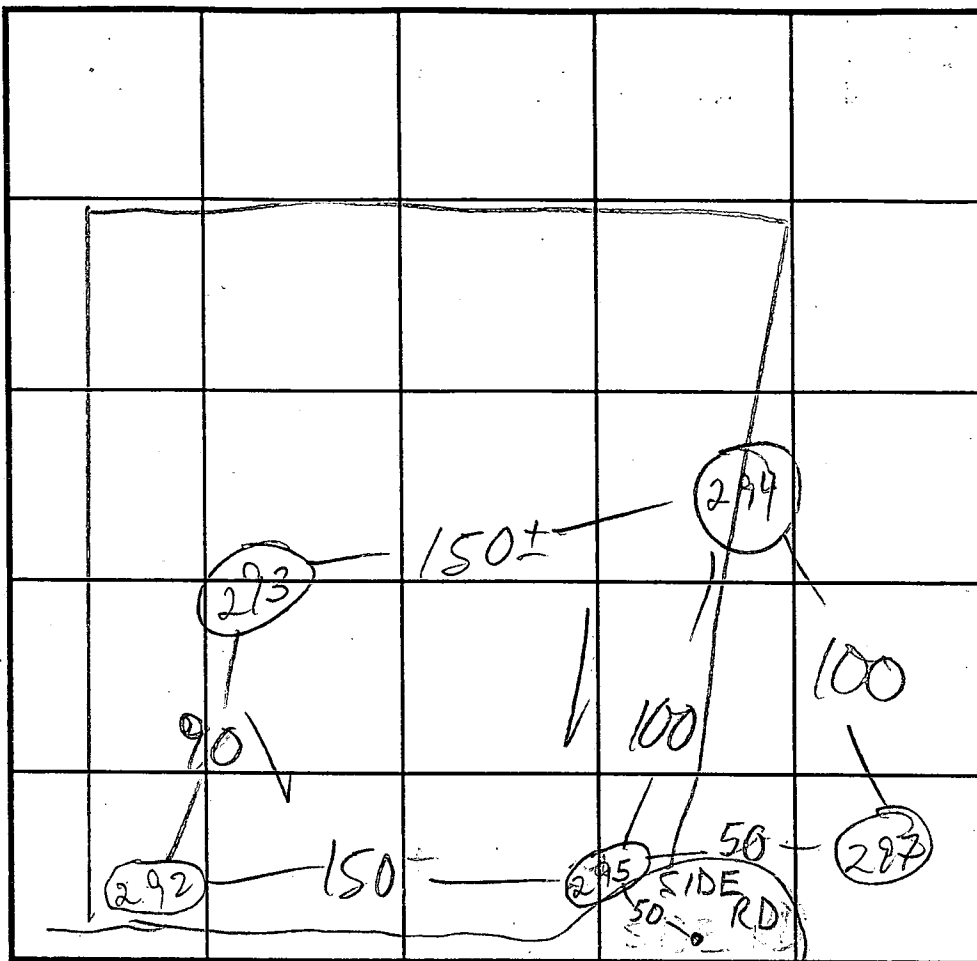
COUNTY #

SOIL PROFILE

1702 295

brn
sac l m294
2974
brige
tan org
sa l m
10% frags
(decomposing
sa stone)
↓292
brn
sac l m2
tan
sa l m
25-30%
frags

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

? ← (1702) → ?

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/3/94	294	4	9:38:00 9:47:30	9:48:15	9:48:15	9:39 9:49:15	FAST 1
	294	11					
	295	5	9:27:15 10:02	9:37 10:12	< 1/4" REDIG < 1/2" REDIG		
	295	6 1/2 12	10:36:45 clay to 5 1/2	10:38:20 5:32	10:38:20	10:41:35	3+
	293	4 1/2	10:21:00	10:21:35	10:21:35	10:22:35	1
	293	11	coarse tan sand / sa l m				
	292	4	10:44:45 10:51:10	10:51:45	10:51:45	10:50:30 10:52:30	FAST 45sec
	292	12	10:53:15	10:53:50	10:53:50	10:54:50	1 min
NOT A HOLE?	ROAD 1702	4 1/2	9:25:00	9:27	9:27	9:36	9
	"	12					

REMARKS

TYPE OF SOIL

TESTED BY

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

INLET DEPTH

MAXIMUM BOTTOM DEPTH

ALSO PRESENT

SQ. FT./BEDROOM

297 5 9:30 9:33 9:33 9:40 7

297 12

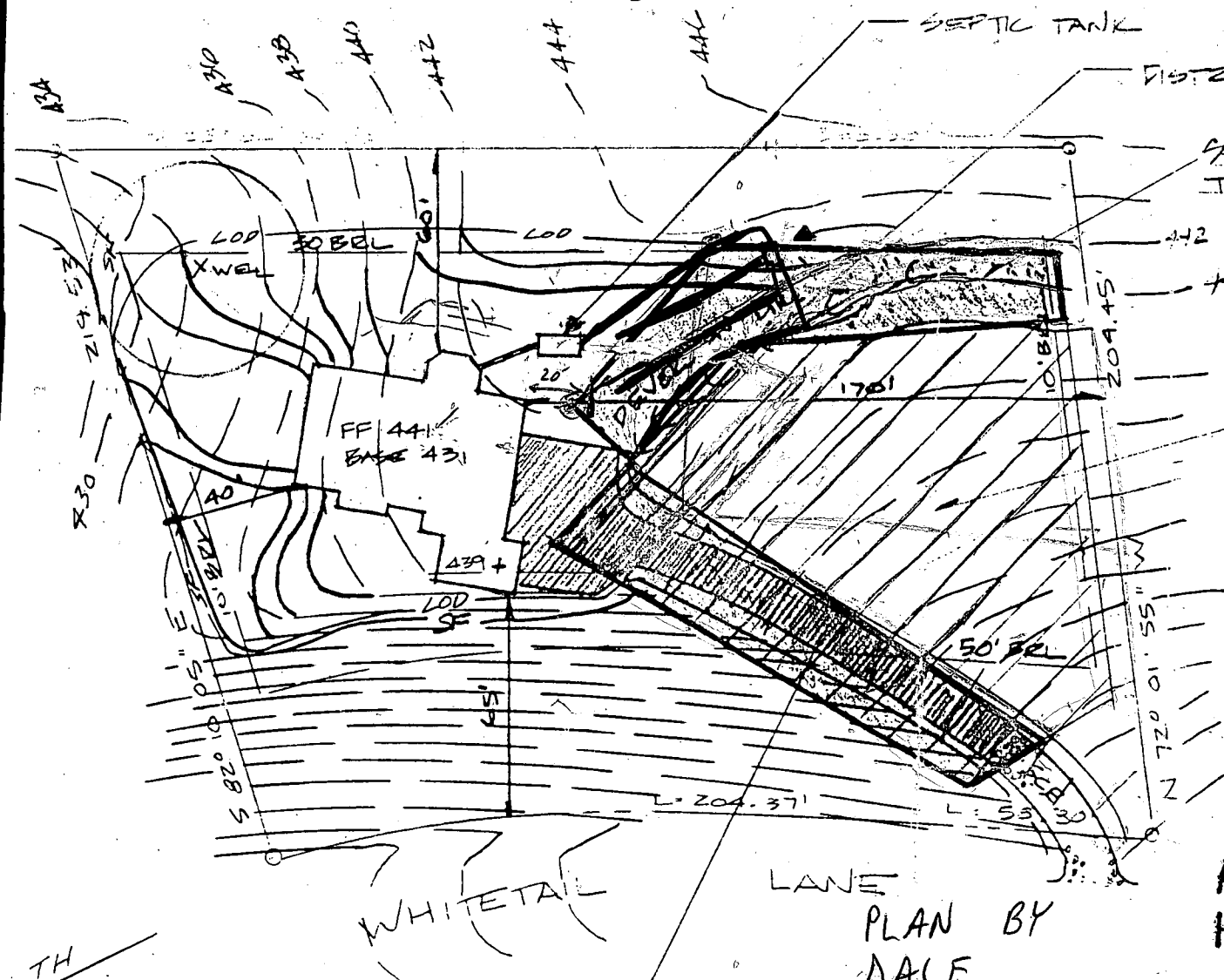
M. Ripkin

field crew

TRENCH WIDTH

1:50

* 67' to drive



PRIVATE SEWER EASEMENT
 Total linear feet of trench required 240 feet
 Width of trench(es) 3 feet
 Depth of trench(es) 6 feet
 Depth of stone required below distribution pipe 1 1/2 feet

Approved Septic System Plan
 Howard County Health Department
 B00115236

Mark E. R. Kim 12/4/98
 Signature Date

SEWERAGE EASEMENT TO BE ABANDONED

Septic Grades & Elevations

	Inv.	Grade
Sewer Pipe at House	440.0	
Septic Tank Inlet	439.6	443
Septic Tank Outlet	439.3	
Distribution Box	438.5	443

11/17/98 1.26 AC.

NO STATE AND FEDERAL

OPEN SPACE LOT 37
PLAT NO. 12245

10' TREE MATURED
CASEMENT AS SHOWN ON PLAT
NO. 12245

WHITEHALL LANE
10' B.W.O. (2'-WAY)

LOT 30
PLAT NO. 12245
55.00' Sqft

10' TREE MATURED
CASEMENT AS SHOWN ON PLAT
NO. 12245

OPEN SPACE LOT 30
PLAT NO. 12245

10' TREE
PLAT NO. 12245

LOT 31
PLAT NO. 12245

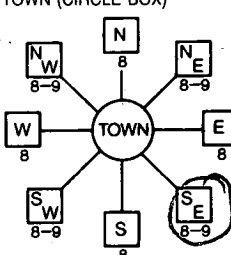
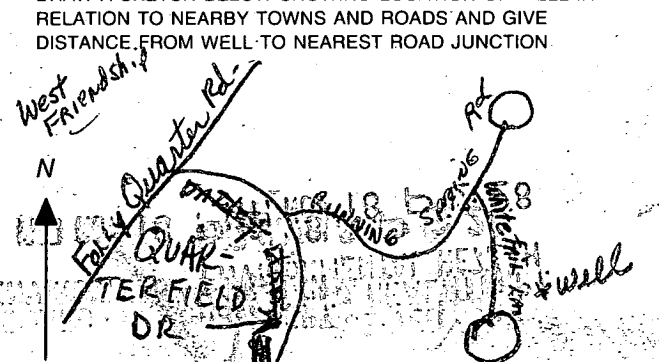


TOP OF WALL ELEV. 445.36

4/15/99
House shifted
back ~ 10' -
no impact
to well/septic
MS

RECORD REFERENCES LIBRARY/FILE NO. _____ PLAT NUMBER _____ PLAT NO./TALLO _____ SCALE _____ 1"=50' DATE _____ 2-12-99	WALL CHECK OF LOT 30	VOGEL & ASSOCIATES, INC. CONSULTING ENGINEERS-SURVEYORS-PLANNERS 3801 PARK AVE. #101 ELICOTT CITY, MD 21043 TELEPHONE (410) 461-5828 FAX (410) 461-5800
	QUARTERFIELD	I HEREBY CERTIFY THAT THE IMPROVEMENTS ARE LOCATED AS SHOWN HEREON AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, THERE ARE NO ENCROACHMENTS EXCEPT AS SHOWN
	HOWARD COUNTY	<i>Mark C. Martin</i> 4/15/99 MARK C. MARTIN, PROFESSIONAL LAND SURVEYOR #11861
	MARYLAND	

C 1		4339		SEQUENCE NO. (MDE USE ONLY)		STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE				THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.			
1 2 3 6										COUNTY NUMBER A48846			
ST/CO USE ONLY DATE RECEIVED MM 11 1998 DD 23 YY 98		DATE WELL COMPLETED MM 11 DD 23 YY 98		Depth of Well 22 220' 26 (TO NEAREST FOOT)		PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-94-1796							
OWNER Dale Thompson Bldrs		STREET OR RFD Whitetail La		TOWN W. Friendship		SUBDIVISION QUARTERFIELD				SECTION		LOT 30	
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 TO		check if water bearing		GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 19 NO. OF POUNDS 1786 GALLONS OF WATER 114 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft to 46 ft (enter 0 if from surface)			
Sand 0 45		Gray Mica Rock 45 220								C 3 PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 6.5 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 27 ft. WHEN PUMPING 128 ft. TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible			
RECEIVED HOWARD COUNTY HEALTH DEPT. ENVIRONMENTAL HEALTH 1998 NOV 25 PM 1:42										C 2 DEPTH (nearest ft.) H0 47 220 SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60 from to			
NUMBER OF UNSUCCESSFUL WELLS: 0		WELL HYDROFRACTURED yes Y no N		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		SCREEN RECORD screen type or open hole (insert appropriate code below) ST STEEL BR BRASS HO OPEN HOLE PL PLASTIC OT OTHER		PUMP INSTALLED DRILLER INSTALLED PUMP YES NO IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29 CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47 CASING HEIGHT (circle appropriate box and enter casing height) + above } LAND SURFACE - below } 4 (nearest foot)					
DRILLERS LIC. NO. 1 M S D O 24		DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) Joseph L. Maspre		LIC. NO. 1 D		GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68		MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q		LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURES AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL) White Tail Lane 50' well 20'			
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)		TELESCOPE CASING		LOG INDICATOR		OTHER DATA							

B 1 8099 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER HO-94-1796 fill in this form completely
Date Received (APA) 11/18/97 8 MM DD YY 13 Thompson Dale 15 Last Name Owner First Name 34 10005 Old Columbia Rd. 36 Street or RFD 55 Columbia Md. 21046 57 Town 70 State 72 Zip 76		B 3 LOCATION OF WELL Howard 8 COUNTY 21 Quarterfield 23 SUBDIVISION 42 SECTION 30 44 46 48 50 West Friendship 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 4 M I 73 76 77 78	
DRILLER INFORMATION Joseph R. Mayne M SD 024 Driller's Name 76 License No. 81 Joseph R. Mayne Well Drilling Firm Name 5512 Ridge Rd. Mt. Airy 21771 Address Joseph R. Mayne 11/17/97 Signature Date		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  Whitetail Lane 11 NEAR WHAT ROAD 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  DISTANCE FROM ROAD 180 FT 34 37 ENTER FT OR MI 38 39 TAX MAP: 23 BLK: 15 PARCEL 101	
B 2 WELL INFORMATION APPROX. PUMPING RATE 5 (GAL. PER MIN.) 8 12 AVERAGE DAILY QUANTITY NEEDED 500 (GAL. PER DAY) 14 20		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard A48846 COUNTY NAME COUNTY NO. STATE SIGNATURE Mark E. Rabin INSERT S 41 DATE ISSUED 10/22/98 EXP. DATE 10/22/99 43 MM DD YY 48 CO SIGNATURE 57 EAST GRID 55 WEST GRID 63 NORTH GRID 521 000 EAST GRID 0826 000	
USE FOR WATER (CIRCLE APPROPRIATE BOX) ☒ HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) ☐ FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) 22 ☐ INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) ☐ PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE APPROVAL) ☐ TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. Well 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E 8286 N 5281 000 000	
APPROXIMATE DEPTH OF WELL 240 FEET 24 28 APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH		11/23/98 Grant 9:30 No insp (OK)	
METHOD OF DRILLING (circle one) BORED (or Augered) ☒ JETTED ☐ Jetted & DRIVEN ☐ 30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) 37 CABLE REverse-ROTary Drive-POINT other _____		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) ☒ THIS WELL WILL NOT REPLACE AN EXISTING WELL ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS ☐ THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52		Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER MR G A P 63 54 67 68 FORCE MR WRITE INITIALS IN BOX HO-94-1796 PERMIT No. HO-94-1796 70 71 72 73 74 75 76 77 78 79	
SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -			

5/7/99
WPI anytime

5/20/99 A.M.

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
410-9930

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

How Installation ✓
Replacement

Receipt # _____
Date _____

Name of Installer Willoughby Plumb - Inc

Telephone 410-781-7051

License Number _____
Certified Well Pump Installer _____ Well Driller _____ Registered Plumber ✓

Name of Property Owner _____ Telephone _____
Subdivision QUAKERFIELD Lot # 30 Well Tag # HO-94-1192
Site Address 11607 Whitehall Lane
Ellicott City, MD 21043

Pump
1. Type
a. Deep well jet _____
b. Shallow well jet _____
c. Submersible ✓
2. Make IRI 1122
3. Model # _____
4. Capacity 7 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 1/2 HP
2. RPM _____
3. Voltage _____
a. 110 _____
b. 220 ✓

Pitless Adapter
1. Make HARVARD
2. Model # _____
3. Depth 4 ft

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

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

Well data
1. Depth 220 ft.
2. Yield 65 GPM
3. Static water level 27 ft.
4. Will water supply be disinfected by installer? _____

5/20/99 WPI OK
3 1/2 B.G. 2 PC-CAL OK
(MP) CONDUIT OK

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.

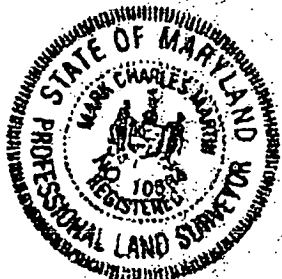
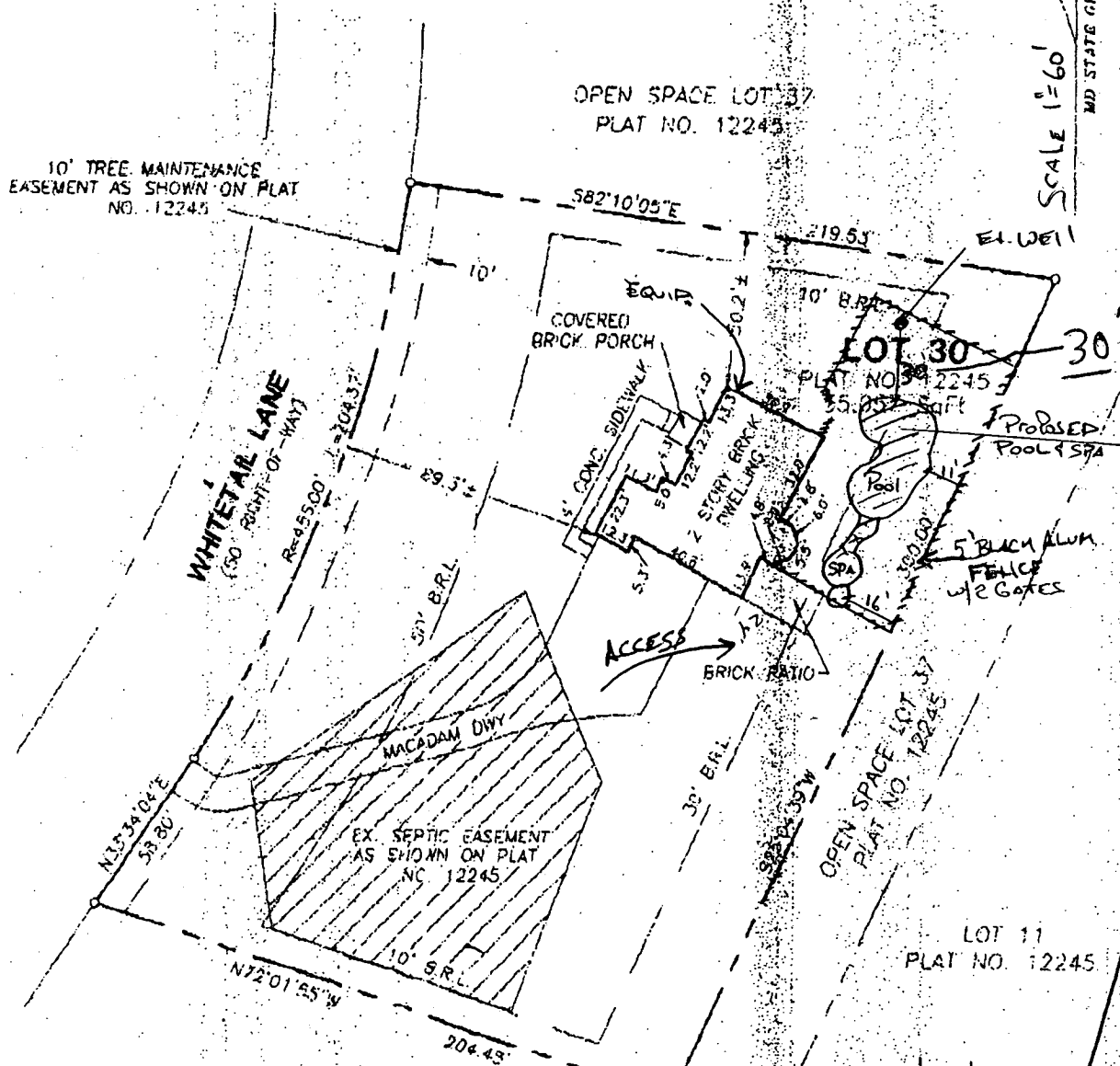
Signature of Applicant: Chris Willoughby

Date: 5/6/99

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

MD-210

THIS PLAT IS OF BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY THE LENDER OR TITLE INSURANCE COMPANY OR THE AGENT IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING OR REFINANCING THIS PLAT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS OR FUTURE IMPROVEMENTS. THIS PLAT DOES NOT PROVIDE THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR REFINANCING. THIS PLAT CONTAINS A TOLERANCE OF ACCURACY OF 0.2' MORE OR LESS.



TOP OF WALL ELEV. 445.36

2/13/02
proposed
pool on
if 30' is
maintained
from
ex. well
(SRU)

- KATY SPAT DOOGS -
OFFIC # 443-535-0055