

6-7-94  
3:30 pm  
6/8/94  
11:00

933 High Stepper Trail Sykesville 21784

Tax ID 03 316580

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

03-316580

P 570045A

A 36252

DISTRICT 3rd

DATE 5/24/94

DATE SYSTEM APPROVED 6/8/94

INSPECTOR [Signature]

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXX-XXXX~~ 313-2640

INDEXED

Fogle's Septic Clean, Inc.

IS PERMITTED TO INSTALL  ALTER

ADDRESS 558 Obrecht Road, Sykesville, Maryland 21784 PHONE 795-5674

SUBDIVISION River Downs, Sec. 2 LOT 8 ROAD 933 High Stepper Trail

PROPERTY OWNER Brian & Hayden Morrison Swearingen

ADDRESS \_\_\_\_\_

#### BUILDING PERMIT SIGNED

#### AND RETURNED

SEPTIC TANK CAPACITY 1500 GALLONS 9-17-03 800144135 - DETACHED GARAGE Addition - Basement

NUMBER OF BEDROOMS 5

**BLDG. PERMIT SIGNED  
AND RETURNED 4-25-96**

180 SQUARE FEET PER BEDROOM

Serial # 64709

LINEAR FEET OF TRENCH REQUIRED 225

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 130 feet from the front lot line and 265 feet from the right lot line. Run trenches along contour toward front left side 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 2/1/93 RH

PLANS APPROVED BY C. Williams 800122478 4/17/00 REVISED DATE 10/15/91

COVER NO WORK UNTIL INSPECTED AND APPROVED

Garage, Interior Modification

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

**BLDG. PERMIT SIGNED  
AND RETURNED 10-29-97**

PERMIT VOID AFTER TWO YEARS

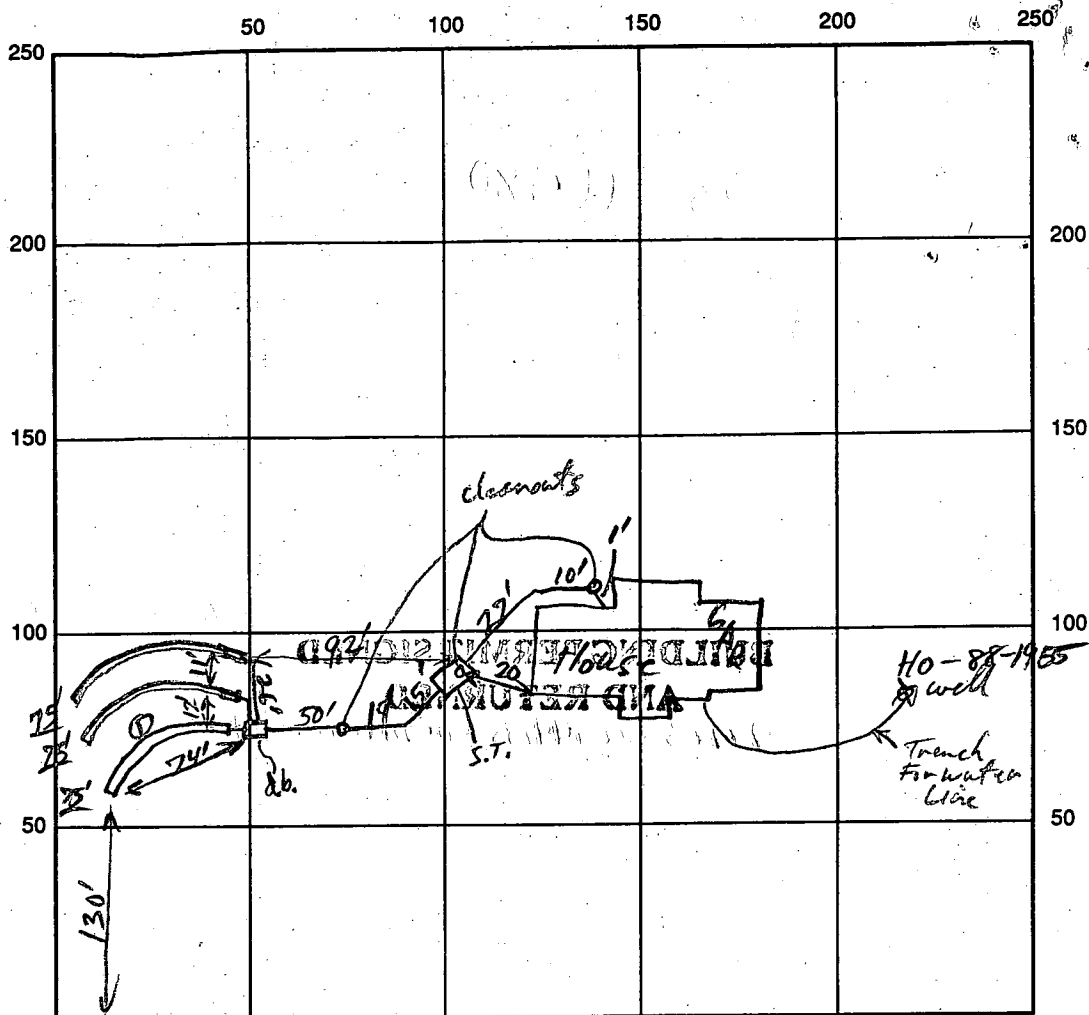
Serial # BM 108534

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. Inground pvt.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

A 36252



INDICATE NORTH NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 gal CLEANOUTS ST + Midway + HSE

DISTRIBUTION BOX LEVEL \_\_\_\_\_

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

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 112/2/3 FT.

NUMBER OF TRENCHES 3 ~~ONE~~ SIDEWALL/BOTTOM AREA 675 SQ. FT.

DRYWALL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS: 1st Trench OK to gravel fill, OK to cover supply line + septic tank 6/4/94  
OK to cover trench 6/8/94

DATE SYSTEM APPROVED 6/8/94 INSPECTOR RJ Puhly

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 36252  
P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT \_\_\_\_\_  
DATE 11/26/85

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 Chase Development Corporation Brian & Doreen Morrison  
ADDRESS P.O. Box 5780 Pikesville, Maryland 21208 PHONE (301) 747-8352 / 484-3100

PROPERTY LOCATION: \_\_\_\_\_  
SUBDIVISION River Downs LOT NO. 68 LOT #10 Prelim. 11/86  
ROAD AND DESCRIPTION River Road - 2800' Northeasterly From Route 32 (933 High Stepper Trail)

SIZE OF LOT 3 Ac. TYPE BLDG. Not Known  
(NUMBER OF BEDROOMS) \_\_\_\_\_

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.

William Raschke Padden & Seckbe  
(SIGNATURE OF APPLICANT)

APPROVED BY Sid Abel FOR Shallow tile fields DATE 1-2-87

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

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

REASONS FOR REJECTION OR HOLDING 12-5-85 Perc Satisfactory; Hold For Certified Subdivision

PLAT. S. Abel Shallow Syst. only. S. Abel BLDG. PERMIT SIGNED AND RETURNED 12/10/82  
Serial # 46327  
SFD-5 Beckman

# THIS IS NOT A PERMIT

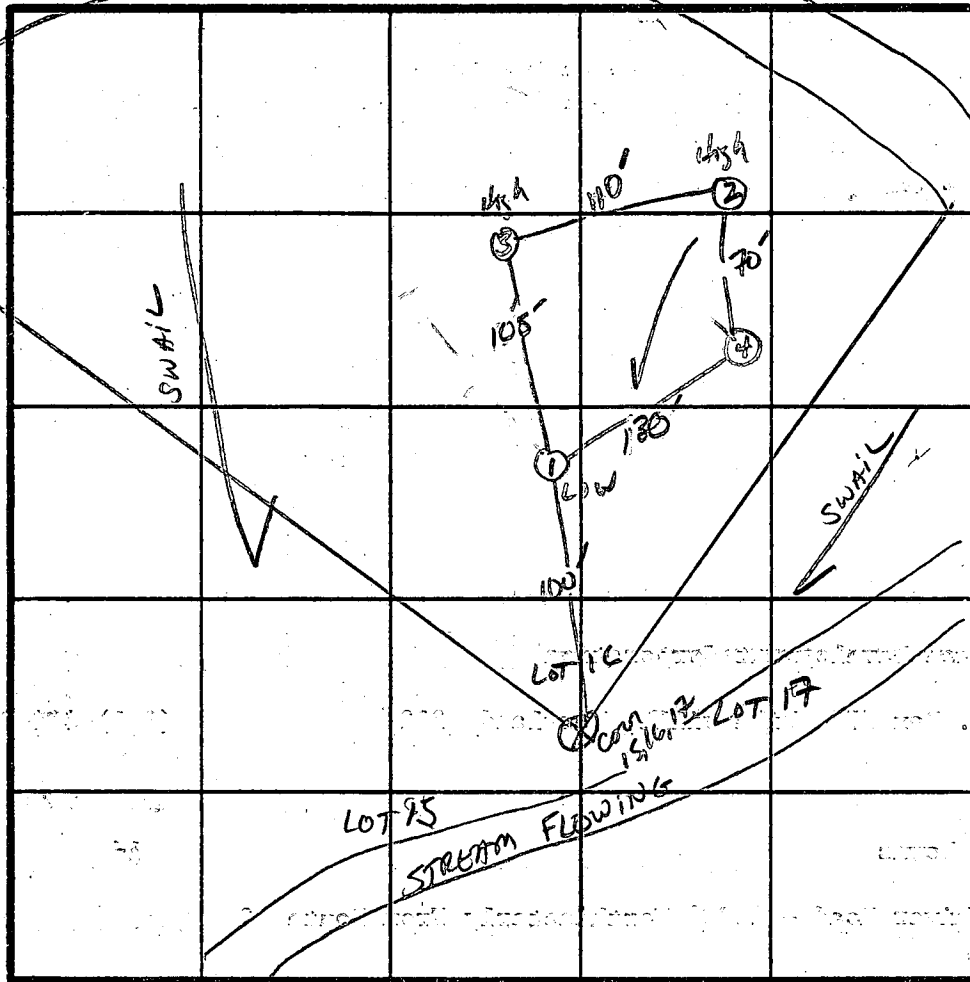
HIGH STOPPER TRAIL

③  
①②  
SONL PROFILE

0"  
6"  
3-4"  
12"

A1-3  
Yellow BR  
SANDY CLAY  
LOAM 10%  
SAPROLITE

Yellow BR  
SANDY SILT  
210%  
SAPROLITE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

↓ TO River Rd.

2 Perc Time  
3 min  
INLET 3"  
BOTTOM 5"

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/4/85	1 ✓	3.5" 12" UNIFORM soil	3:05	3:06	3:06	3:08	2 min
	2 ✓	3.5" 12" SAME AS HOLE #1	3:09	3:10	3:10	3:13	3 min
	3 ✓	4.5" 12" UNIFORM soil structure	3:23	3:24	3:24	3:26	2 min
	4 ✓	4" 12" UNIFORM soil structure	3:28	3:29	3:29	3:33	4 min

160 #/BR

REMARKS Perc Satisfactory

TYPE OF SOIL Glendy LOAM

TESTED BY S. Abel

ALSO PRESENT Jeff. Curtis, John

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 36251

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT \_\_\_\_\_

DATE 11/24/85

*failed*

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 Chase Development Corporation

ADDRESS P.O. Box 5780 Pikesville, Maryland 21208 PHONE (301) 484-3100

PROPERTY LOCATION:

*NOW PART OF LOT 188*

SUBDIVISION River Downs LOT NO. 15

ROAD AND DESCRIPTION River Road - 2800' Northeasterly From Route 32

SIZE OF LOT 3 Ac. TYPE BLDG. Not Known  
(NUMBER OF BEDROOMS)

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.

*William G. Kasch, Purden & Jeschke*  
(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING 12-5-85 wet season RETEST & Redesign Required. S. Abel  
4-8-86 UNSATISFACTORY PERC, ROCK AT shallow depths, MAY BE COMBINED w/  
LOT 14 FOR 1 LOT IF SUITABLE AREA FOUND. S. Abel

# THIS IS NOT A PERMIT

SOIL PROFILE

①

9"	A1-3
	Yellow BR w/ Grey MOTTLES <10% SPPROGITE
4'	Yellow Grey BR. Grey MOTTLES <10% SPPROGITE
10'	LOT 14

⑥

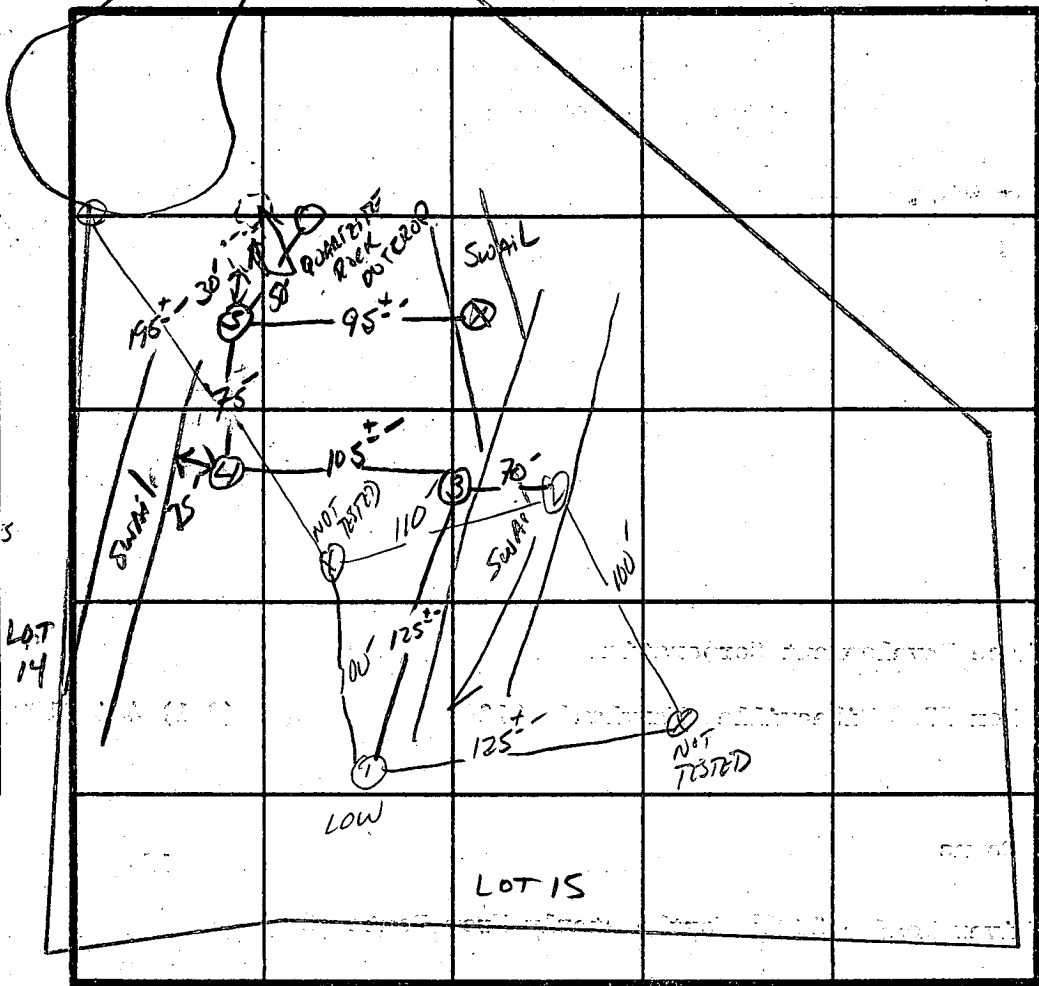
4"	A1-3
	Yellow BR Silty CLAY LOAM <10% FRAGS LARGE STONES
4.5'	Yellow BR Silty SAND LOAM <10% COARSE FRAGMENTS
12'	LOT 17

③

4"	A1-3
	STRONG BR Silty CLAY LOAM <10% FRAGMENTS
3.5'	Light BR SAND LOAM <10% FRAGMENTS Slightly micaceous
13'	

④

3'	A1-3
	STRUCTURED micaceous SANDSTONE w/some QUARTZITE
5'	SOLID BOTTOM



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.  
 ↓ TO RIVER Rd,

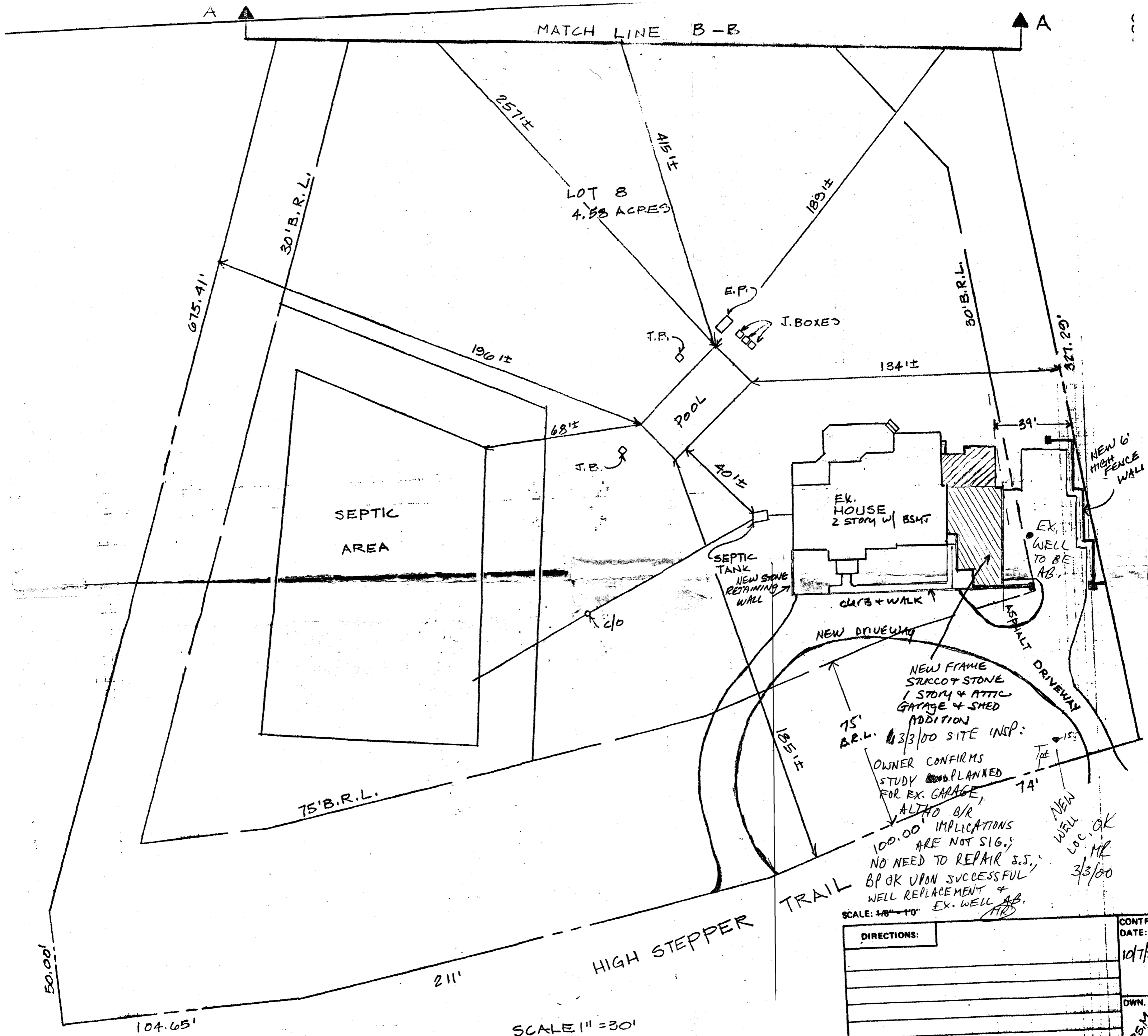
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
12/5/85	1 V	12'	Baile Soil WATER AT 10'					
	2 V	10'	ROCK BOTTOM - Glenelg Soil LOCATED IN SWAIL					
4/4/86	3 S	4'	11:19	11:20	11:20	11:22	2min	
	3 V	13'	UNIFORM SOIL STRUCTURE below 3.5' LOCATED SIDE SLOPE SWAIL <20' FROM CENTER					
	4 V		"ACCEPTABLE HOLE" NO SOIL DEVELOPMENT					
	5	12'	SANDY LOAM Below 4.5' usable hole					

REMARKS Baile Soil / Glenelg Soil / LOCATED IN SWAIL - WET SEASON RETEST / Redesign Uphill

TYPE OF SOIL Baile - Glenelg

TESTED BY S. Abel

ALSO PRESENT Jeff John Curtis



75' B.R.L. 1/33/00 SITE INSP:  
OWNER CONFIRMS  
STUDY ~~AND~~ PLANNED  
FOR EX. GARAGE,  
ALTHO B/R  
100.00 IMPLICATIONS  
ARE NOT SIG.,  
NO NEED TO REPAIR S.S.,  
BUT OK UPON SUCCESSFUL  
WELL REPLACEMENT &  
EX. WELL AB.

DIRECTIONS:		CONTRACT DATE:
		10/7/97
		DWN. BY:
		P.S.M.
		10/28/97
		DATE:
		OK'D BY:
BUYER: TO DETERMINE APPROXIMATE ELEVATION OF POOL ON DAY OF EXCAVATION.		DATE:
BUYER: TO WET DOWN CONCRETE SHELL AT LEAST TWICE DAILY FOR SEVEN DAYS		

225 FT LONG  
5 BEDROOMS

LOT 8  
4.58 ACRES

12/10/92  
PLANS OLC  
BP 4632  
B. J. Foddy

contour  
lined by  
permit  
tment  
(sheet)

533°01'18" E  
50.00'  
N 56°58'42" E  
104.65'

675.71'  
30' BRL

S 12°45'37" E  
780

N 38°43'45" W  
327.89'

30' BRL

Existing Well  
HO-88-1955

1st Flr: 519.0  
Bsm: 510.0  
Garage  
518.2

504  
506  
506.5  
507.0  
507.5  
clearcut

504.0

A9C

75' BRL

S 40°23'40" W  
100.00'

510

520

High Stepper

C1 07685

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED. COUNTY NUMBER A36252

DATE RECEIVED MM DD YY

DATE WELL COMPLETED MM DD YY

DEPTH OF WELL 340 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" NOM 94-21625

OWNER Swearingen STREET OR RFD 933 High Stepper Trail TOWN Sykesville SUBDIVISION RIVER DOWNS SECTION LOT 8

WELL LOG table with columns for DESCRIPTION, FEET (FROM, TO), and check if water bearing. Includes entries for Brown Shale and gray granite.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM), NO. OF BAGS 12, NO. OF POUNDS 1128, DEPTH OF GROUT SEAL 46

CASING RECORD: MAIN CASING TYPE (ST), Nominal diameter 6, Total depth 54

OTHER CASING (if used) diameter, depth (feet)

SCREEN RECORD: screen type or open hole (ST), BRASS (BR), PLASTIC (PL)

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED: (Y)

CIRCLE APPROPRIATE LETTER: A WELL WAS ABANDONED AND SEALED, 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"

DRILLERS LIC. NO. MS D 024 DRILLERS SIGNATURE (Must match signature on application) LIC. NO. D

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

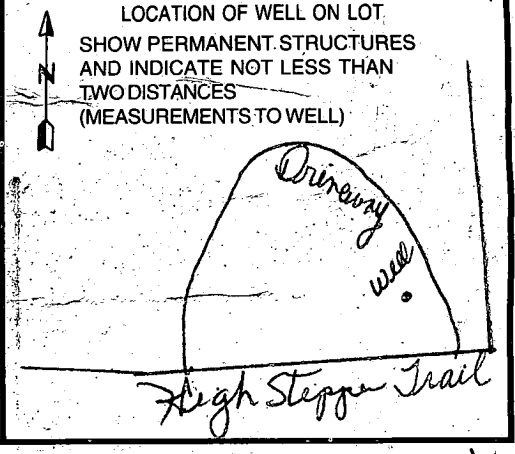
DEPTH (nearest ft.) 53, 340. SLOTTED SIZE 1, 2, 3. DIAMETER OF SCREEN (NEAREST INCH) 56, 60

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. TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST: HOURS PUMPED 3, PUMPING RATE 15, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL BEFORE PUMPING 49, WHEN PUMPING 260, TYPE OF PUMP USED (for test) A air, C centrifugal, J jet, P piston, R rotary, S submersible, T turbine, O other

PUMP INSTALLED: DRILLER INSTALLED PUMP (YES/NO), 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, - below, LAND SURFACE (nearest foot)



B 1 14322

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-2625 fill in this form completely

Date Received (APA) 03 15 00

OWNER INFORMATION

Swearingin Regina + Jay 933 High Stepper Trail Sykesville Md 21784

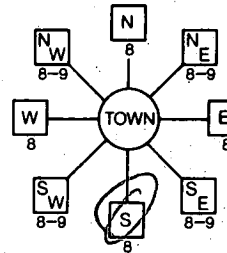
LOCATION OF WELL

Howard COUNTY River Downs SECTION 8 LOT 8 Sykesville NEAREST TOWN 2 MILES FROM TOWN

DRILLER INFORMATION

Joseph L. Mayna MSD 24 License No. 81 Joseph L. Mayna Well Drilling 5512 Ridge Rd. Mt. Airy Md. 21771 3/13/2000

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



933 High Stepper trail NEAR WHAT ROAD ON WHICH SIDE OF ROAD DISTANCE FROM ROAD 35 FT TAX MAP: 9 BLK: 6 PARCEL 338

WELL INFORMATION

APPROX. PUMPING RATE 5 GAL. PER MIN. AVERAGE DAILY QUANTITY NEEDED 500 GAL. PER DAY

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION (circled) FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) INDUSTRIAL, COMMERCIAL, DEWATERING PUBLIC WATER SUPPLY WELL TEST, OBSERVATION, MONITORING GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME A36252 COUNTY NO. STATE SIGNATURE DATE ISSUED 03 20 00 Mark E. Ripkin 3/20/01 CO SIGNATURE EXP. DATE NORTH GRID 550 000 EAST GRID 0816 000

APPROXIMATE DEPTH OF WELL 260 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST TOWN

METHOD OF DRILLING (circle one)

BORED (or Augered) AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTARY Drive-POINT other

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 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)

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1 WELL 2. 3.

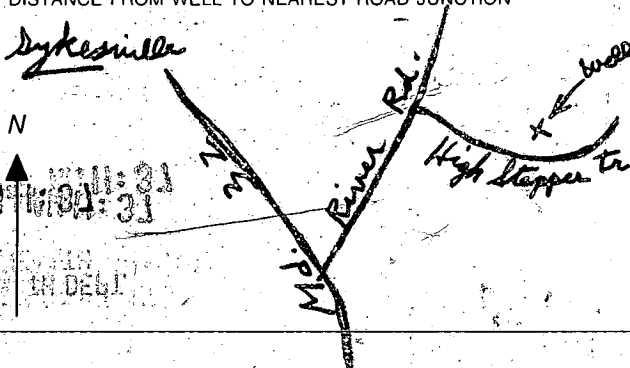
3/30/00, 9:00 GROUT OK, NOT OBS'D TAG OK LOC OK

WRITE THE BOX NUMBER FROM THE MAP HERE

E 8126 N 550

MR 3/30/00

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER 54 PERMIT No. HO-94-2625

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

River Downs  
 Lot B BOOK 135  
 9/17/03

Need 20'  
 Sep. distance  
 between  
 garage & SDA.  
 Owner will  
 shift another  
 15' from proposed  
 location.

Also, plumbing  
 will connect  
 to septic  
 system. Owner  
 will submit  
 \$2500 permit  
 fee at time  
 of permit  
 issuance  
 via plumber.

Kacie Norman

