

10/23/89 noon  
10/24/89 P.M.  
10/26 A.M.

05-407966

File

10/23 P.C.O.  
C.B.S.  
10/24 P.C.O.  
C.B.S.  
P 45075 C.B.S.

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT 5th

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

INDEX - TIME EXPIRED

DATE 10/23/89

DATE SYSTEM APPROVED 10/26/89

FOR F.C.O.P. COMPLIANCE

INSPECTOR C.B.S.

INDEXED 7/15/93

C. Williams / C.B.S.

C. S. Zabel, Inc.

IS PERMITTED TO INSTALL  ALTER

ADDRESS 15039 Oak Orchard Road, New Windsor, Md. 21776 PHONE 875-2964

SUBDIVISION Dunfarmin Estates ROAD 5406 Jamesway Court LOT 2

PROPERTY OWNER RyTris Builders, Inc. Tim King

ADDRESS Steve & Lisa Jones

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES  NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

Add'l on - Pool  
BLDG. PERMIT SINCE  
AND RETURNED 4-18-96  
sewer # 64601

TRENCHES - 180 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 6.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Beginning from the right front lot corner, place the first trench 80 10/13/89 down the right (570.02') lot line and 15 feet off the right line as seen when facing property from Jamesway Court. Run trenches along contour towards the left (685.02') lot line.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.  
NOTE: MAINTAIN MINIMUM 100 FEET FROM WELL TO SEPTIC. OK/CW

PLANS APPROVED BY Bert Nixon DATE 2/02/88

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

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES)

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 40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

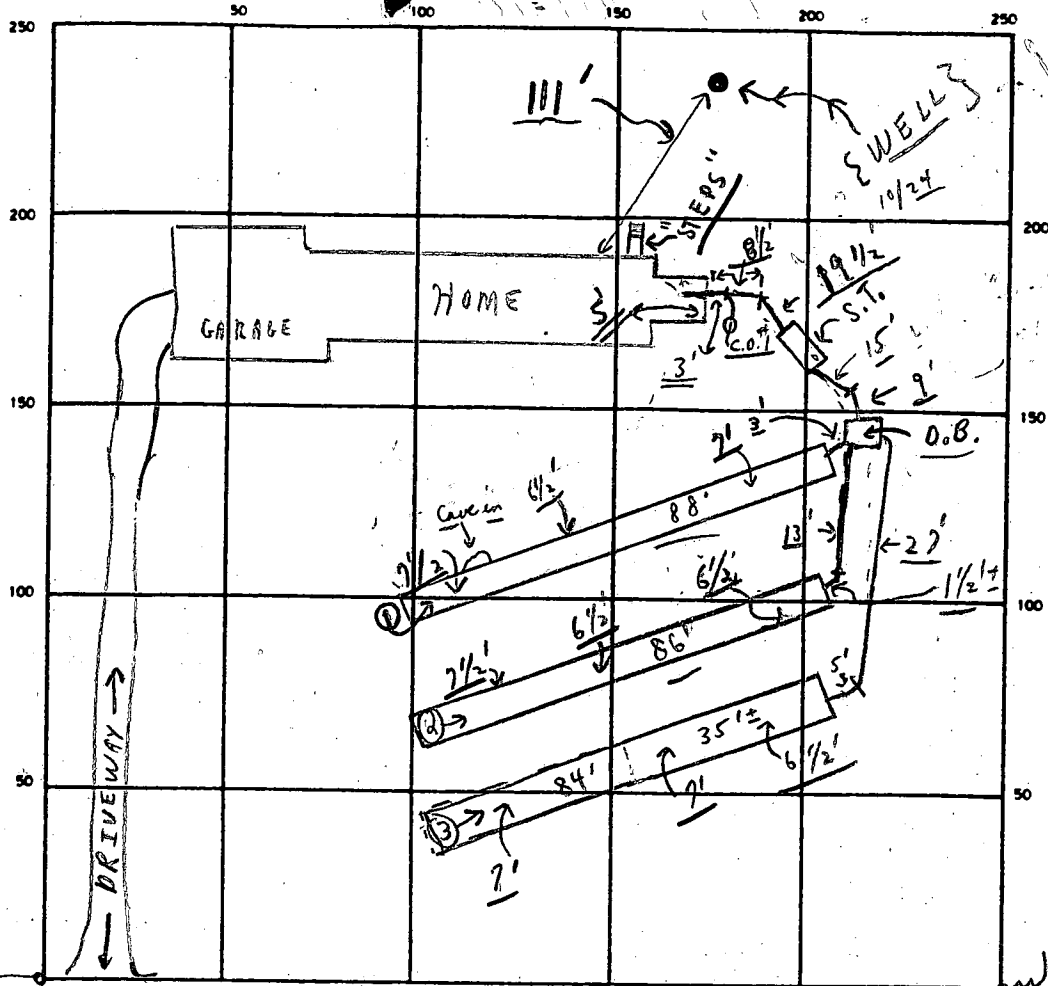
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 37372



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
 " JAMES WAY COURT "

TEN OAKS RD.

SEPTIC TANK LEVEL OK CLEANOUTS OK S.T. 10/26 OK  
 DISTRIBUTION BOX LEVEL W/O 10/23 (OK Baffles in in) 10/23, 10/24  
 DRAIN FIELD/TILE FIELD DEPTH 6.5' avg. TRENCH WIDTH 3' INLET DEPTH 4 1/2'  
 EFFECTIVE GRAVEL DEPTH 2 1/2' + 2' = 4 1/2' avg. TOTAL LENGTH 258'  
 NUMBER OF TRENCHES 3 ONE 774 SQ. FT. BOTTOM AREA  
 DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.  
 ABSORBENT AREA 774 SQ. FT.

MUD !! 10/23/89 Partial ① - No paper in anywhere; ok to continue on trenches; obstructions in # ① + ② + 35' of ③ only - BOB GREGORY of site, c. Bob 10/24/89 Partial TRENCHES → ① ok to cover; + # ③ ok to cover had 40' in - continue. c. BOB 10/25/89 -  
 Partial W.P.I. (lines) not pitless adapters; ok at wellhead - line out of trench  
 is disconnected in grass c.B.D. Need to see lines all the way to house - not approved today - 10/23 - c. BOB  
 Change

DATE SYSTEM APPROVED 10/26/89 INSPECTOR Charles Bryan Steakes  
 SEPTIC - ONLY

# APPLICATION

A 37372

SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 5

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

DATE 7-14-86

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 S. Turner Nichols & James S. Nichols

ADDRESS 13270 Tradelphia Mill Road PHONE 531-2585  
Clarksville

PROPERTY LOCATION:

SUBDIVISION Dunfarms LOT NO. 2

ROAD AND DESCRIPTION New Street off Ten Oaks Road

SIZE OF LOT 3 AC TYPE BLDG. \_\_\_\_\_  
NUMBER OF BEDROOMS \_\_\_\_\_

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT James S. Nichols

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

## THIS IS NOT A PERMIT


INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY \_\_\_\_\_ ALSO PRESENT: \_\_\_\_\_

# APPLICATION

A 37372

SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

DISTRICT 5

DATE 7-14-86

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.

*Ry. Tris Builders Inc.*

PROPERTY OWNER *S. Turner Nichols & James S. Nichols*

ADDRESS *13270 Tradelphia Mill Road* PHONE *531-2585*  
*Clarksville*

PROPERTY LOCATION:

SUBDIVISION *Dunfarmen* LOT NO. *2*

ROAD AND DESCRIPTION *New Street off Ten Oaks Road*  
*5406 Jamesway Ct.*

SIZE OF LOT *3 Ac* TYPE BLDG. \_\_\_\_\_ NUMBER OF BEDROOMS \_\_\_\_\_

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT *James S. Nichols*

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

REASONS FOR REJECTION OR HOLDING *8-26-86 PERC SATISFACTORY; HOLD FOR Subdivision*

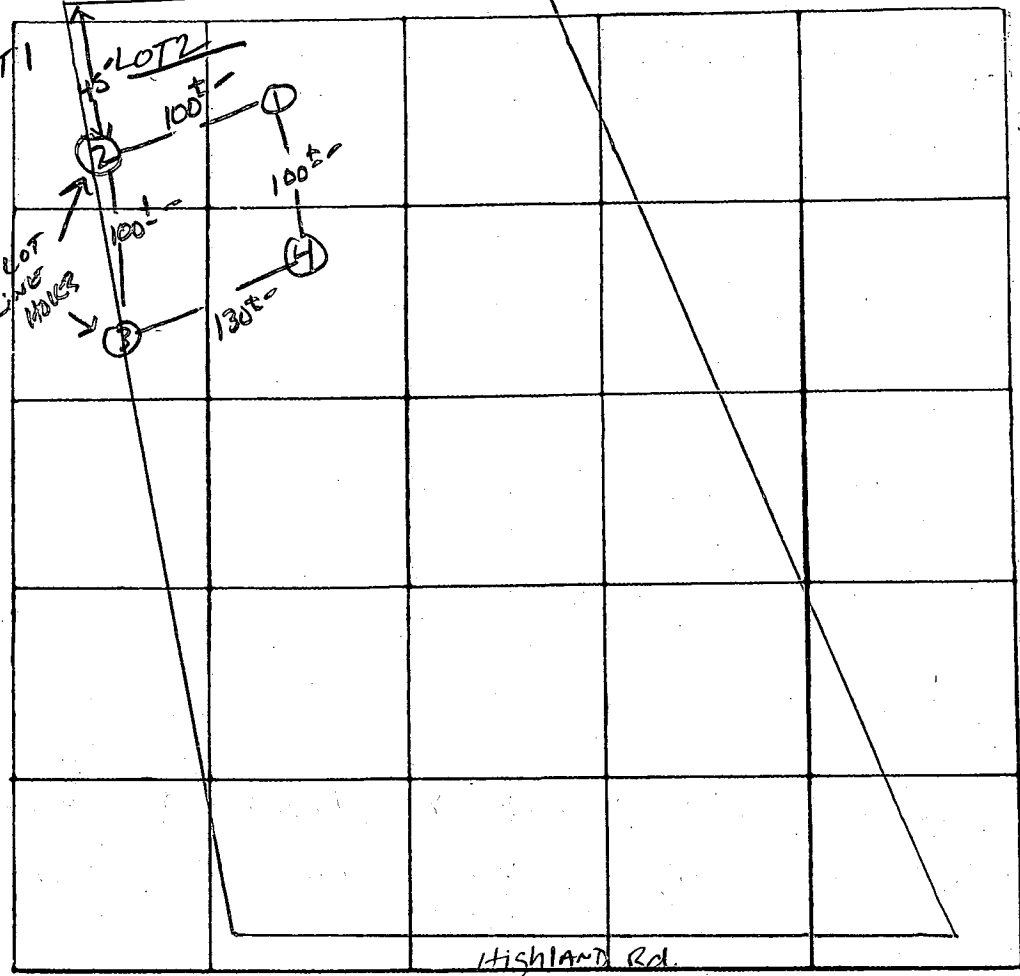
*PLAT. S. Ave*

BLDG. PERMIT SIGNED  
AND RETURNED *5-24-89*

*BP 25772*  
*ST*

# THIS IS NOT A PERMIT

JAMESWAY Ct



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

7 Perc  
3min  
INLET 4.5  
BOTTOM 6.5  
180# 1BR

AP  
9"  
5"  
1 2 3  
4  
Yellow BR Silt  
LOAM 9-12%  
CLAY <10%  
FRAGMENTS  
Red BROWN  
w/ PINK CASTS  
Silt LOAM  
Highly  
micaceous  
10-15%  
FRAGMENTS

PB-14-

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/26/86	1 S	6"	11:04	11:05	11:05	11:08	3min
	1 V	14"	UNIFORM soil below 5.5'				
	2 S	5"	11:06	11:07	11:07	11:11	4min
	2 V	13"	UNIFORM soil below 5'				
	3 S	4.5'	11:13	11:15	11:15	11:18	3min
	3 M	9'	11:13	11:14	11:14	11:15	1min
	3 V	13'	UNIFORM soil below 4.5'		SAME AS 1+2		LESS CLAY
	4 S	4.5'	11:19	11:20	11:20	11:22	2min
	4 V	13'	UNIFORM soil below 4.5'				

REMARKS HOLES DIFF THAN PLAT # 2+3 ARE ON LOT LINE #2

TYPE OF SOIL CHESTER/Glenola

TESTED BY S. Abel ALSO PRESENT: J. Fyall & Co.



B 7 5770 SEQUENCE NO. (OEP 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

OEP PERMIT NUMBER

HC-81-2520  
fill in this form completely

Date Received

012688

OWNER INFORMATION

AICHOLS JAMES  
Last Name Owner First Name

13938 HIGHLAND ROAD  
Street or RFD

LANESVILLE MD 21029  
Town State Zip

DRILLER INFORMATION

Joseph L. Mayne 238  
Driller's Name License No. 80

Joseph L. Mayne Well Drilling  
Firm Name

5512 Ridge Rd. Mt. Airy 21771  
Address

Joseph L. Mayne 1/27/88  
Signature Date

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)

APPROXIMATE DEPTH OF WELL 320 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTary DRIVE-POINT
other

REPLACEMENT OR DEEPEMED 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 DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER GAP

FORCE INITIALS IN BOX PERMIT No. HC-81-2520

SPECIAL CONDITIONS

LOCATION OF WELL

HOWARD 8 COUNTY

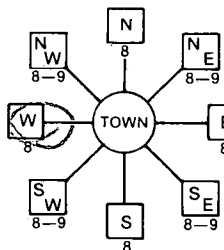
INDFARMIN ESTATES 23 SUBDIVISION

SECTION LOT 2

CLARKSVILLE 52 NEAREST TOWN

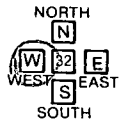
MILES FROM TOWN (enter 0 if in town) 1 3/4 MI

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Jameway Ct. 11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



290 34 37 DISTANCE FROM ROAD

ENTER FT or MI A-7

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD A 37372 COUNTY NAME COUNTY NO.

OEP SIGNATURE DATE ISSUED STATE HEALTH INSERT S

020288 B. W. Nye 08/02/88 CO SIGNATURE EXP. DATE

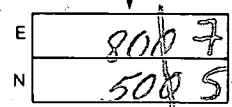
NORTH GRID 505000 EAST GRID 0807000

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

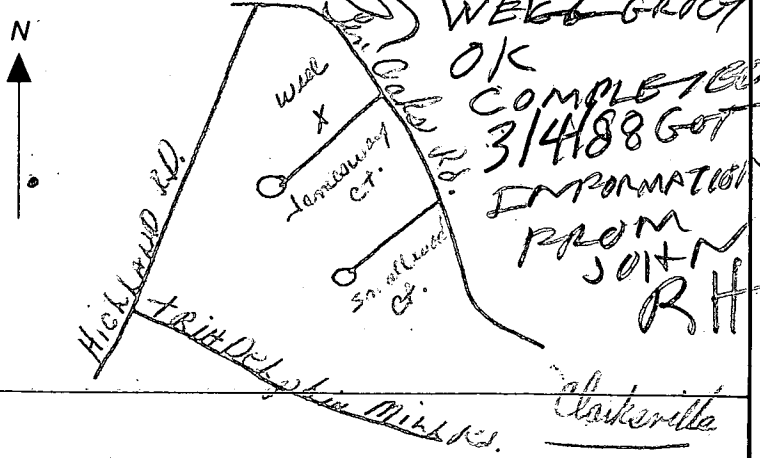
SOURCES OF DRILLING WATER

- 1. WELL
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE



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



FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2526  
 Location of property (road) JAMESWAY COURT  
 Subdivision DUNFARMING ESTATES Lot 2 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller JOSEPH MAYNOR Owner NICHOLS, JAMES

Depth of well 365'  
 Distance of measuring point (M.P.) above ground 1'  
 Static water level (S.W.L.) below M.P. 25'

I. High rate pumping -- reservoir drawdown

Time pump started 7:30 Pumping rate 20 gpm.  
 Total time 30min to reach pumping water level 244 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:45	148	3		20
8:00	244	3		20
8:15	244	36		1.6
8:30	244	36		1.6
8:45	244	36		1.6
9:00	244	36		1.6
9:15	244	36		1.6
9:30	243	36		1.6
9:45	240	36		1.6
10:00	240	30		2
10:15	240	30		2
10:30	240	30		2
10:45	240	30		2
11:00	240	30		2
11:15	240	30		2
11:30	240	30		2
11:45	240	30		2
12:00	240	30		2
12:15	240	30		2
12:30	240	30		2
12:45	240	30		2
1:00	240	30		2
1:15	240	30		2
1:30	240	30		2
1:45	240	30		2
2:00	240	30		2

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

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation   
Replacement

Receipt # 45076  
Date 10/12/89

Name of Installer C. Stephen Zabel

Telephone 875-2964

License Number 6033

Certified Well Pump Installer  Well Driller  Registered Plumber

Name of Property Owner Rytris Builders Inc

Telephone \_\_\_\_\_

Subdivision Dunfarmin Lot # 2

Well Tag # 41-81-2526

Site Address 5406 Jamesway Court

Pump

- Type
  - Deep well jet
  - Shallow well jet
  - Submersible
- Make hydro-flow
- Model # \_\_\_\_\_
- Capacity 5 ~~2~~ GPM
- Pump exceeds well capacity Yes  No
- If Yes, is low pressure cutoff switch installed? Yes  No
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors  Cable guards  Other

Motor

- Horsepower 3/4
- RPM \_\_\_\_\_
- Voltage \_\_\_\_\_
  - 110 \_\_\_\_\_
  - 220

Pitless Adapter

- Make harvard
- Model # \_\_\_\_\_
- Depth 42"

Tank

- Capacity 42
- Pressure relief valve?

Piping

- Type PE Plastic
- Size 1"
- NSF and/or BOCA Code approved
- Depth of supply line 42"

Well data

- Depth 365 ft.
- Yield 2 GPM
- Static water level 25 ft.
- Will water supply be disinfected by installer? yes

PARTIAL OK 10/24/89 C.B.S.  
SEE 56PTL NOTES.

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).

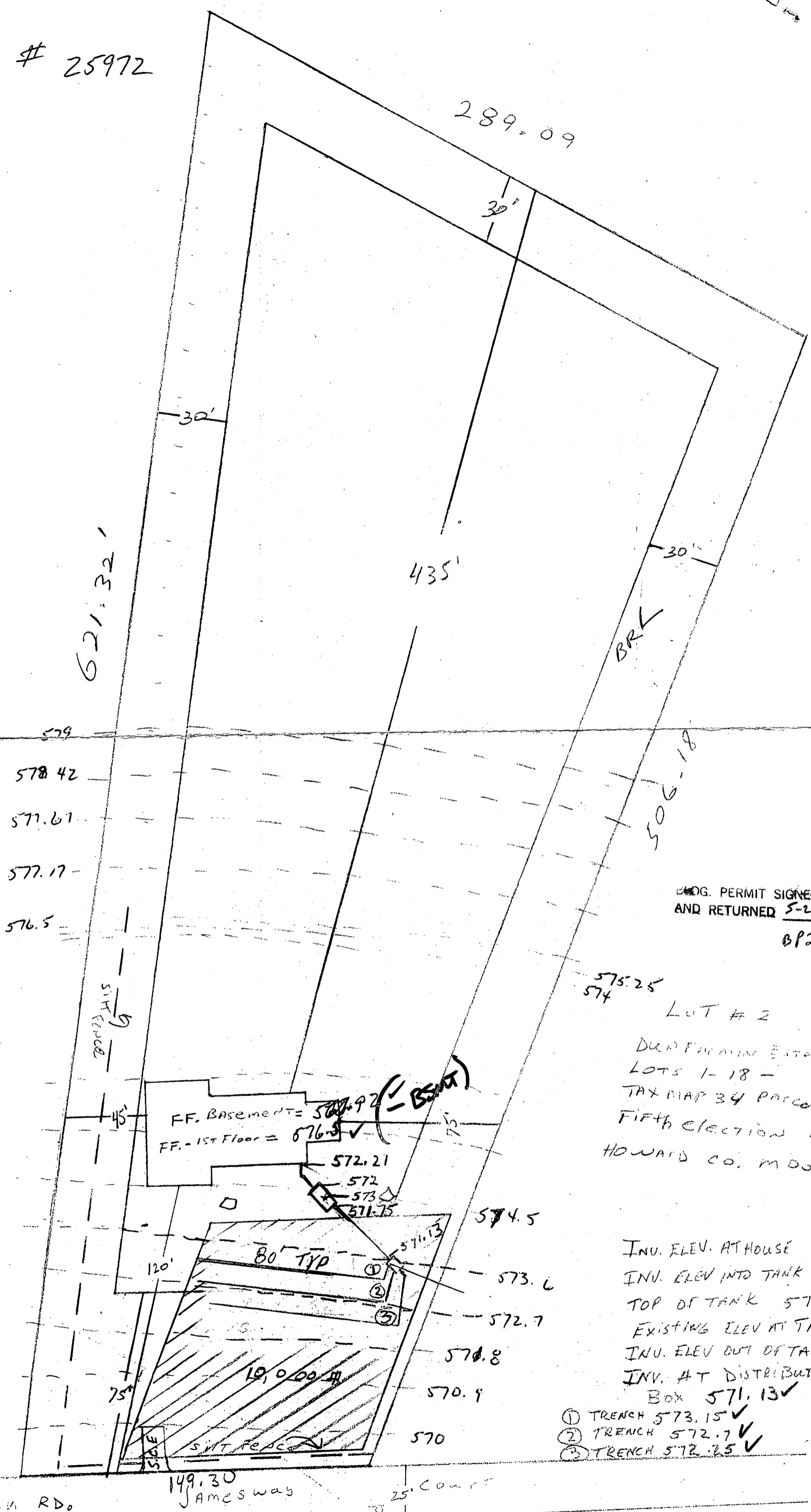
All information given above is true to the best of my knowledge.

Signature of Applicant: C. Stephen Zabel

Date: 10/11/89

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

Permit # 25972



289.09

621.321

435'

BRL

579  
 578.42  
 577.61  
 577.17  
 576.5

UDG. PERMIT SIGNED  
 AND RETURNED 5-24-89  
 0125972  
 SA

575.25  
 574  
 LOT # 2

DEPT. PUBLIC UTILITIES  
 LOTS 1-18 -  
 TAX MAP 34 PARCEL 292  
 FIFTH ELECTION DISTRICT  
 HOWARD CO., M.D.

FF. BASEMENT = 577.92  
 FF. - 1ST FLOOR = 576.8

572.21  
 572  
 573  
 571.75

INV. ELEV. AT HOUSE 572.21 ✓  
 INV. ELEV INTO TANK 572 ✓  
 TOP OF TANK 573 ✓  
 EXISTING ELEV AT TANK 574.5 ✓  
 INV. ELEV OUT OF TANK 571.75 ✓  
 INV. AT DISTRIBUTION BOX 571.13 ✓

- ① TRENCH 573.15 ✓
- ② TRENCH 572.7 ✓
- ③ TRENCH 572.25 ✓

149.30  
 Jamesway

Elev. RD.

25' COURT

LOT 2  
2.720  
AC.

MR 4/18/96  
POOL OK  
T/C TO MD Pools 621.32  
to be accurate  
w/ well-pool  
distance

60" HIGH WOOD  
FENCE (BY OWNER  
AS PER CODE)

CONC. POOL  
DECK (BY OWNER)

20'x43'-5" POOL  
W/50 Sq.Ft. SPA

PROP. WOOD  
DECK (BY OWNER)

EX. DRIVE

30' BRL

311'

30' BRL

506.18'

41'

35'

EX WELL

FILTER PAD

EX WOOD  
DECK

124'

117'

40'

105'

EX. RES

FRONT

EX. SEPTIC  
TANK

EX. DIST BO

EX. DRAIN  
FIELDS

EX. 10,000  
SEPTIC RES.  
AREA

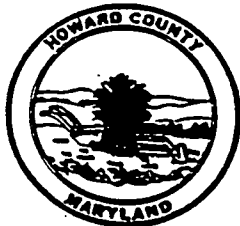
75'  
BRL

20'

27'

149.30'

JAMES WAY CT.



**HOWARD COUNTY HEALTH DEPARTMENT**

*Joyce M. Boyd, M.D., County Health Officer*

**D R A F T**

*Reply to:*

**DATE** April 18, 1996

**MEMORANDUM**

**TO:** Steve & Lisa Jones  
5406 Jamesway Court  
Clarksville, MD 21029

**FROM:** Mark Rifkin *hr/ep*  
Water and Sewerage Program  
Bureau of Environmental Health

**RE:** Building Permit Application Number: \_\_\_\_\_  
Proposed Use: Inground Pool  
Address: 5406 Jamesway Court

This is to confirm that the above referenced building permit application was recommended for approval subject to the following conditions and/or cautions:

- Please confirm the distance from the existing well to the pool excavation is 35 feet at construction.

These conditions were discussed with you Mr. Landon of MD pools on 4/18/96.

This office's recommendation for approval of the building permit application was based upon your acceptance of these conditions. \_\_\_\_\_

cc: File

Bureau of Environmental Health  
3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544  
Water and Sewerage, Permits 313-2640 Community Environmental Health 313-2642  
Technical Services 313-2644 Director 313-2645 TDD 313-2323



**HOWARD COUNTY HEALTH DEPARTMENT**

*Joyce M. Boyd, M.D., County Health Officer*

D R A F T

Reply to:

DATE

4/18/96

MEMORANDUM

TO: Steve + Lisa Jones  
5406 Jamesway Ct  
Clarksville, MD 21029

FROM: Mark Riffon  
Water and Sewerage Program  
Bureau of Environmental Health

RE: Building Permit Application Number: \_\_\_\_\_

Proposed Use: Inground Pool

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