

5-19-87  
APR 15 1988  
5/22/87  
MAY 1 1987

05-391636

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 39282

A 29057

DISTRICT 5th

DATE 4/30/87

DATE SYSTEM APPROVED 5/2/87

INSPECTOR C. Williams

**HOWARD COUNTY**  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

INDEXED

Sheldon M. Fenlon IS PERMITTED TO INSTALL  ALTER

ADDRESS 10610 Eastwood Avenue, Silver Spring, MD 20901 PHONE 593-3722

SUBDIVISION Triadelphia Mill Farms ROAD 13912 Hallowell Court LOT 10, Sec. 1

PROPERTY OWNER Sheldon M. Fenlon

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES \_\_\_\_\_ NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 175 feet from the front (208.00') lot line and 95 feet from the right (252') lot line as seen when facing the lot from Hallowell Court. Run trenches on contour toward the left 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.

CP 20  
P.P.

BLDG. PERMIT SIGNED  
AND RETURNED 10/6/94  
Serial # 56963  
500 gal. purple tank

PLANS APPROVED BY S. Abel DATE 11/28/86

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.

BLDG. PERMIT SIGNED  
AND RETURNED 3/4/93

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.

Serial # 47485  
Storage Shed

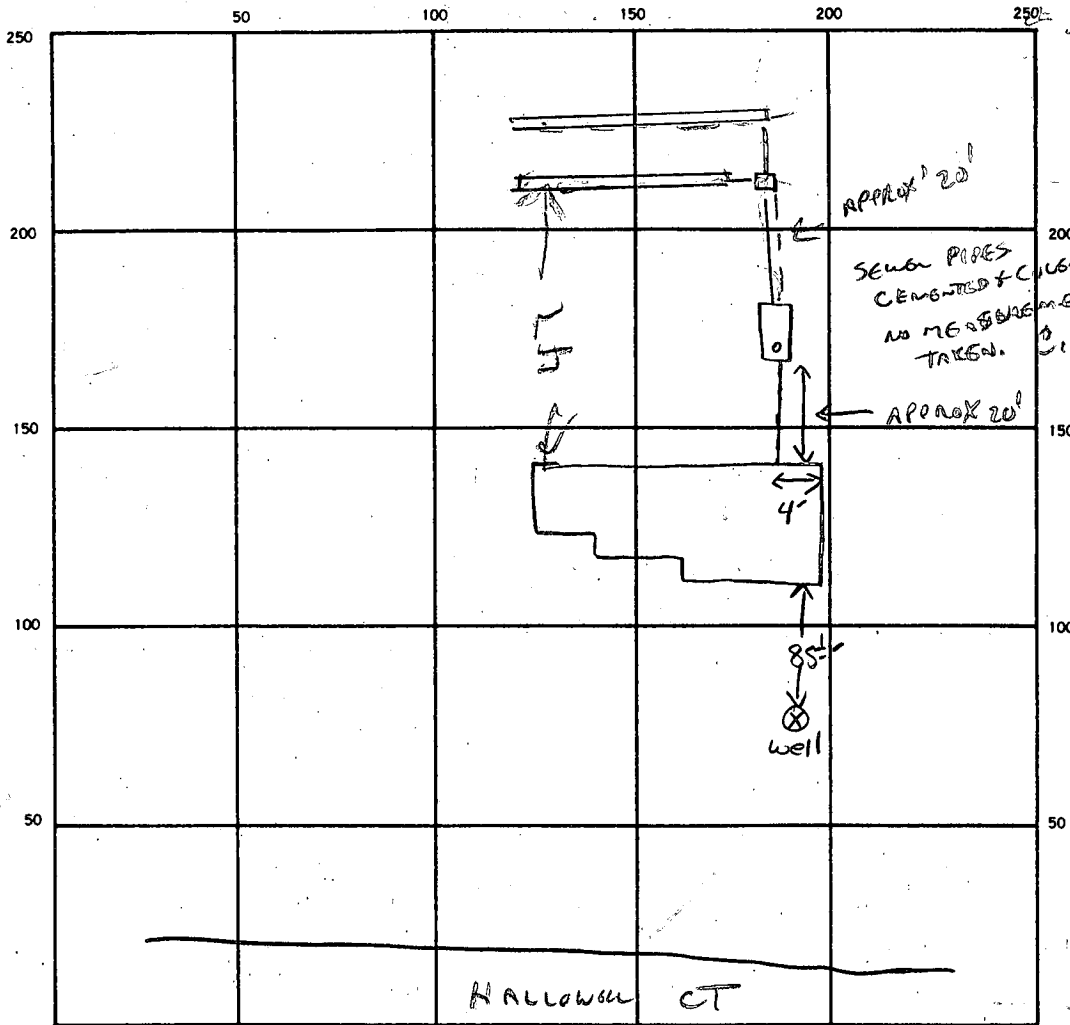
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 29057



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

SEPTIC TANK. LEVEL 1500GM CLEANOUTS STV

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

DRAIN FIELD/TILE FIELD. DEPTH 2/2 FT. TRENCH WIDTH 2/2 FT. INLET DEPTH 4/4 FT.

EFFECTIVE GRAVEL DEPTH 4/4 FT. TOTAL LENGTH 67/69 FT. = 135

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 5.40 SQ. FT.

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

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

REMARKS 5/19/87 ADD STONE TO TRENCHES FINISH JOB & CALL RH

5/24/87 FINISH TRENCHES AND COVER AS NECESSARY. CW

5/22/87 SYSTEM COMPLETE. CW

DATE SYSTEM APPROVED 5/22/87 INSPECTOR C. Wilbur

SUBDIVISION: Triadelphia Mill Farms

LOT NUMBER: 10

Sec. 1

DRY WELL OR DRY WELL AND TRENCH

AREA 2

\_\_\_\_\_ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet \_\_\_\_\_ feet below original grade.

Bottom maximum depth \_\_\_\_\_ feet below original grade.

Effective area begins at \_\_\_\_\_ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with \_\_\_\_\_ feet of stone below distribution pipe.

TRENCHES

180 sq. ft./bedroom

Trench to be 2 wide.

Inlet 4 feet below original grade.

Bottom maximum depth 8 feet below original grade.

Effective area begins at 4 feet below original grade.

4 feet of stone below distribution pipe.

*3-No Fenlon*

- NOTE:
- (1) No trench to exceed 100 feet in length.
  - (2) If more than one trench used, a distribution box is required.
  - (3) Trenches to be installed on level ground.
  - (4) Call for inspection of trench before gravel is installed.
  - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
  - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: PLACE THE DISTRIBUTION BOX 175 FE FROM THE FRONT (208.00') LOT LINE AND 95 FE FROM THE RIGHT (252') LOT LINE AS SEEN WHEN FACING THE LOT FROM Hallowell Ct. RUN TRENCHES ON CONTOUR TOWARD THE LEFT LOT LINE. S. ABP 11/28/86

*Per*

# APPLICATION

A 29057

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 5W

DATE 10/16/78

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

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

PROPERTY OWNER Indelphia Mill Farms Partnership

ADDRESS 70 R. Hallowell SHELDON FENLON PHONE 286-2488

PROPERTY LOCATION: Sandy Springs, Md 20860

SUBDIVISION Indelphia Mill Farms LOT NO. Final #10 10 - Sheet 1

ROAD AND DESCRIPTION S. side of Indelphia Mill Rd 1,500' E.

of Greenbridge Rd, Dayton 13912 Hallowell Ct.

SIZE OF LOT 3.1 acres TYPE BLDG. 4 bedrm single family dwg.

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. SIGNATURE OF APPLICANT Richard Hallowell

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

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

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

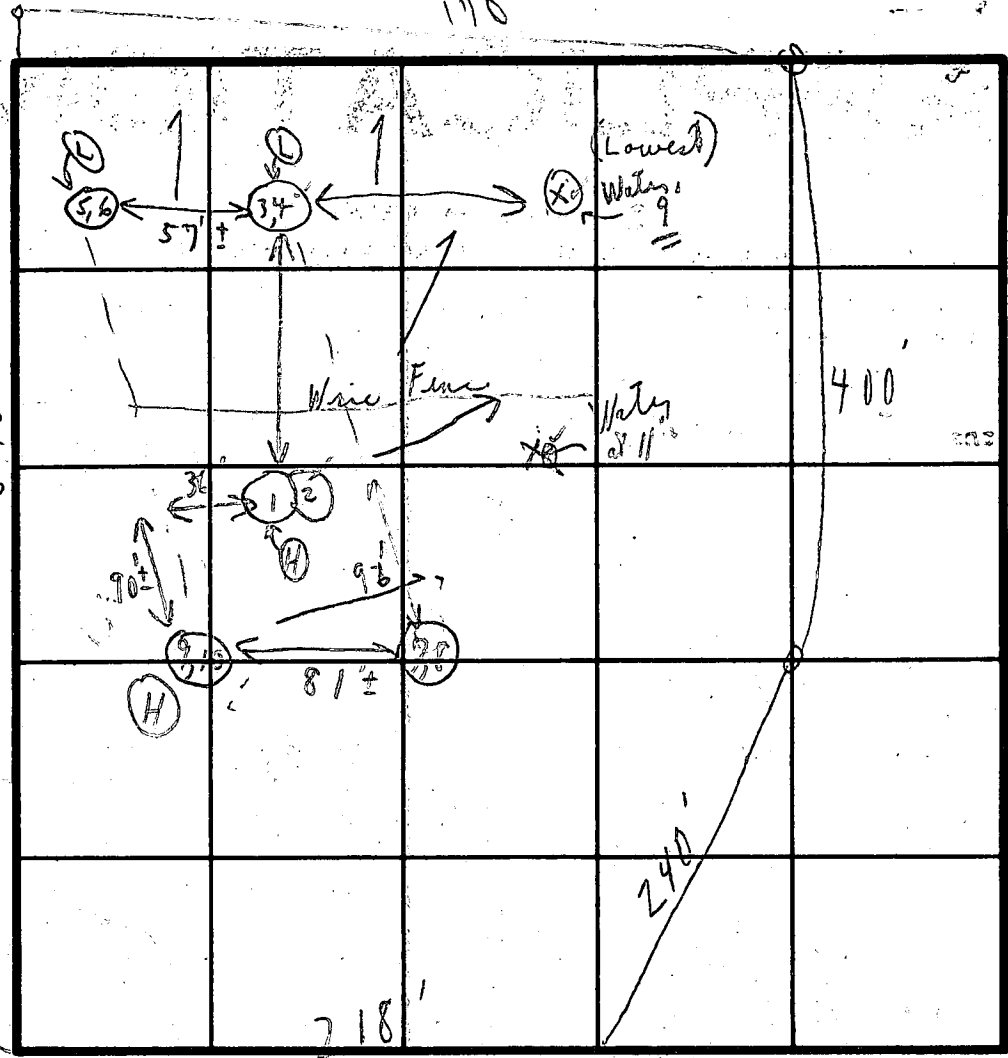
REASONS FOR REJECTION OR HOLDING 12/1/78 Water in 2 holes - Hold for next season if  
area is staked.

# THIS IS NOT A PERMIT

10 of sheet

SOIL PROFILE

Below  
clay  
loam



Field sheet  
Tests per stake  
12/11/78  
12/12/78 (5, 6)  
(7, 8) New  
(9, 10) Conf. Test

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Unnamed Court

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/11/78	1	5'	10:13	10:15	10:15	10:17	2 min
	(H) 2	12'	10:13	10:26	10:26	10:35	15 min
	3	3 1/2'	10:23	10:24	10:24	10:25	1 min
	4	12'	10:19	10:22	10:22	10:24	2 min
12/12/78	5 pt.	4'	9:58	9:59	9:59	10:00	1 min
	6 pt.	13'	9:58	10:00	10:00	10:04	4 min
	7 pt.	4'	10:10	10:14	10:14	10:23	9 min
	8	12'	10:10	10:12	10:12	10:18	6 min
<del>use</del>	<del>9</del>	<del>4'</del>	<del>10:08</del>	<del>10:09</del>	<del>10:09</del>	<del>10:11</del>	<del>2 min</del>
	10	12'	10:08	10:13	10:13	10:22	9 min
	11						
	12					10	5 1/2

Triangle for Mill Road

120°/PR.

Unit 3  
off: 4'  
x 9'?

5 min avg

REMARKS { (12/11/78 Tests on green field) (see plat) }  
(2 holes done at corner of Cohasset)  
cold → 12/12/78

TYPE OF SOIL

TESTED BY

C. B. [Signature]

ALSO PRESENT

P. Schindler + son

I certify the below measurements and elevations are actual & correct for this property

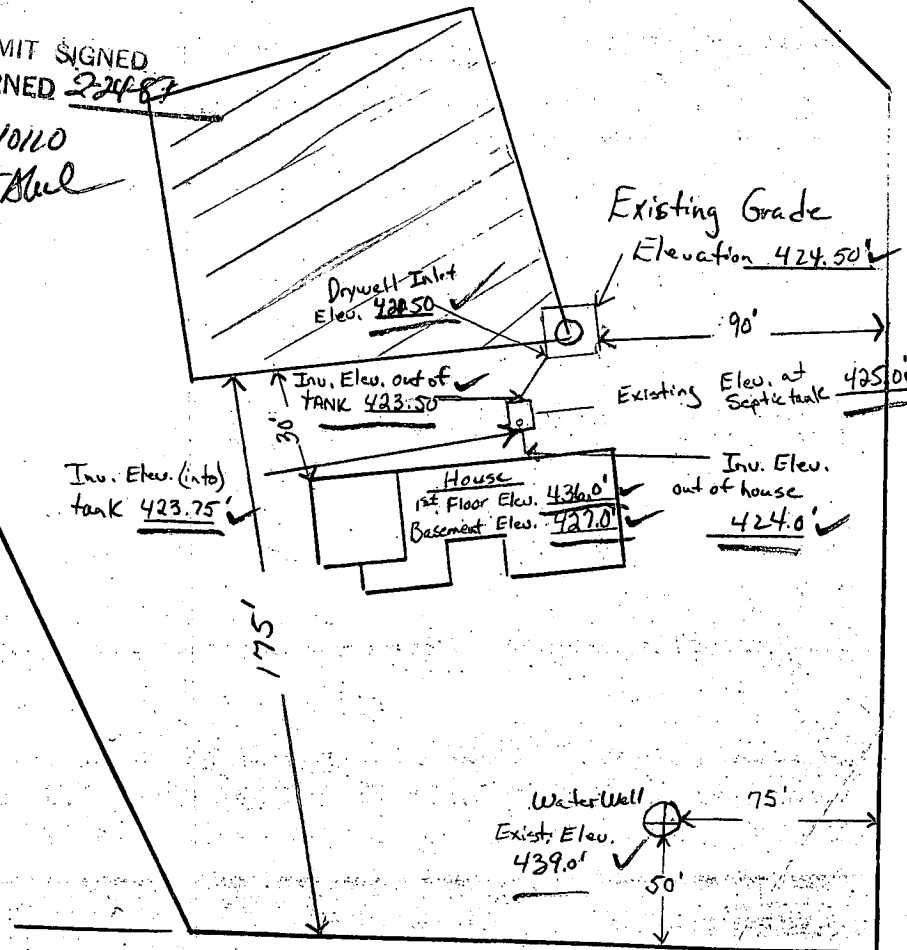
Sheldon M Tenlow

2-3-87 - 301-345-5453

2-24-87  
Elevations ok  
S. Tenlow

BLDG. PERMIT SIGNED  
AND RETURNED 2-24-87

BP # 10110  
S. Tenlow



10110

1" = 60'

Road Elevation 440.0'

**B 1** **8186** SEQUENCE NO. (OEP USE ONLY) *1/14/87*

(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 **40-81-1792**

fill in this form completely

**OWNER INFORMATION**

Date Received **11 28 86**

**11 28 86** Last Name First Name

**10610 Eastwood Ave** Street or RFD

**Silver Spring MD 20901** Town State Zip

**LOCATION OF WELL**

**Howard** COUNTY

**Trindell Park Mill Farm** SUBDIVISION

SECTION **1** LOT **11**

**Denton** NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) **2.1**

**DRILLER INFORMATION**

**George J. Pastorek** Driller's Name **90** License No. 80

**Pastorek, Inc.** Firm Name

**11-28-86** Date

**4** DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

NEAR WHAT ROAD **Hallowell Ct**

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

DISTANCE FROM ROAD **75** ENTER FT or MI **75**

**WELL INFORMATION**

APPROX. PUMPING RATE (GAL. PER MIN.) **5**

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

**USE FOR WATER (CIRCLE APPROPRIATE BOX)**

HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)

PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)

TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

**NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL**

**Howard** COUNTY NAME **A 29057** COUNTY NO.

OEP SIGNATURE **George J. Pastorek** STATE HEALTH INSERT S

DATE ISSUED **11 28 86** CO SIGNATURE **George J. Pastorek** EXP. DATE

NORTH GRID **503000** EAST GRID **0800000**

APPROXIMATE DEPTH OF WELL **150** FEET

APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

1. **Well grouted**
2. **Eastward truck gone**
3. **Pump test?**

WRITE THE BOX NUMBER FROM THE MAP HERE

**200**

**(503)N → 500**

**METHOD OF DRILLING (circle one)**

BORED (or Augered)  JETTED  Jetted & DRIVEN

AIR-ROTARY  AIR-PERCussion  ROTARY (Hydraulic Rotary)

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 DEEPEINED 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

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 **G A P**

FORCE **CU** WRITE INITIALS IN BOX PERMIT No. **40-81-1792**

**SPECIAL CONDITIONS**

**LOCATION DIFFERENT THAN SHOWN ON APPLICATION APPROVED SITE NO MORE THAN 75 FEET FROM CORNER.**

HEALTH



C1 3732

SEQUENCE NO. (OEP 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)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A 29057

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 13

15 20 01/14/87

22 26 320 (TO NEAREST FOOT)

28 37 10-81-1792

OWNER FENLON SHELTON last name first name STREET OR RFD HALLWELL CT TOWN DAYTON SUBDIVISION TRIADAPUMA AND FARMS II SECTION LOT 10

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Rows include Topsoil, Br. Mica, Tan Mica, Gray Mica, and Fractures.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 12, NO. OF POUNDS 1200.

CASING RECORD: casing types insert appropriate code below. Codes: ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER).

MAIN CASING TYPE: Nominal diameter, Total depth. Codes: ST (STEEL), G (GALVANIZED), AB (ALUMINUM BRASS).

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

SCREEN RECORD: screen type or open hole. Codes: ST (STEEL), BR (BRASS), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER).

DEPTH (nearest ft.) table with columns for depth intervals and corresponding casing types.

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

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

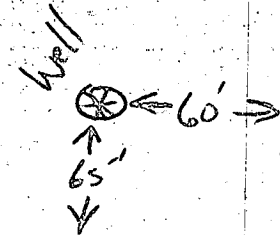
PUMPING TEST: HOURS PUMPED 3, PUMPING RATE 44 gal. per min., METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL 24 ft. before, 13.5 ft. when pumping.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES NO, TYPE OF PUMP INSTALLED: C (centrifugal), R (rotary), O (other), S (submersible).

LOCATION OF WELL ON LOT: SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

DRILLERS IDENT. NO. 40, DRILLERS SIGNATURE, SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)



**FIELD DATA SHEET**  
**HOWARD COUNTY WELL YIELD TEST**

Well Permit No. HO - 81-1792  
 Location of property (road) HALLOWELL CT  
 Subdivision TRIADOLPHIA MILL FARMS II Lot 10 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller EASTENDAY Owner SHELDON FENCON

Depth of well 320 8 GPM  
 Distance of measuring point (M.P.) above ground 2 FT  
 Static water level (S.W.L.) below M.P. 29 FT

**I. High rate pumping -- reservoir drawdown**

Time pump started 12:30 Pumping rate 12 G.P.M.  
 Total time 15 min to reach pumping water level 135 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 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
12:45	135	14 Sec	Pump Set	4 1/2
1:00	135	14 Sec	AT 300 FT	4 1/2
1:15	135	14		4 1/2
1:30	135	14		4 1/2
1:45	135	14		4 1/2
2:00	135	14		4.5
2:15	135	14		4.5
2:30	135	14		4.5
2:45	135	14		4.5
3:00	135	14		4.5
3:15	135	14		4 1/2
3:30	135	14		4 1/2
3:45	135	14		4 1/2
			111 ft	
			1.5 g/f	
			177	
			166.5	
			MIN 500 gal / 2 hr	
			528	60 gal
			166.5	4.4
			693.5 gal	240 gal
				240 gal
				264.0
				528.0 gal

5/18/87 - 10-10 AM -

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Court House Square  
Ellicott City, Md. 21043  
461-9933

New Installation X  
Replacement \_\_\_\_\_

Receipt # 38711  
Date 5/18/87

Name of Installer S.M. FENLOW Pkg. & Heating Inc.

Telephone 301-345-5455

License number State of MD. 11092

Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber X

Name of Property Owner Sheldon M. Fenlow Telephone 301-593-3722

Subdivision Triadelphia Mill Farms Lot # 10 Well tag # HO-81-1792

Site Address 13912 Hallowell Court  
Dayton, MD.

Pump

- 1. Type
  - a. Deep well jet \_\_\_\_\_
  - b. Shallow well jet \_\_\_\_\_
  - c. Submersible ✓

Motor

- 1. Horsepower 1/2
- 2. RPM 3450
- 3. Voltage \_\_\_\_\_
  - a. 110 \_\_\_\_\_
  - b. 220 X

Pitless Adapter

- 1. Make Martinson
- 2. Model # BP 10X
- 3. Depth 4

2. Make Tait

3. Model # SST 305

4. Capacity 5 GPM

5. Pump exceeds well capacity Yes \_\_\_\_\_ No X

6. If Yes, is low pressure cutoff switch installed? Yes \_\_\_\_\_ No X

7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors X Cable guards X Other \_\_\_\_\_

Tank

- 1. Capacity WX 302
- 2. Pressure relief valve? YES

Piping

- 1. Type Polyethylene
- 2. Size 1"
- 3. NSF and/or BOCA Code approved YES
- 4. Depth of supply line 4

Well data

- 1. Depth 320 ft.
- 2. Yield 8 GPM
- 3. Static water level \_\_\_\_\_ ft.
- 4. Will water supply be disinfected by installer? YES

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: Sheldon M. Fenlow

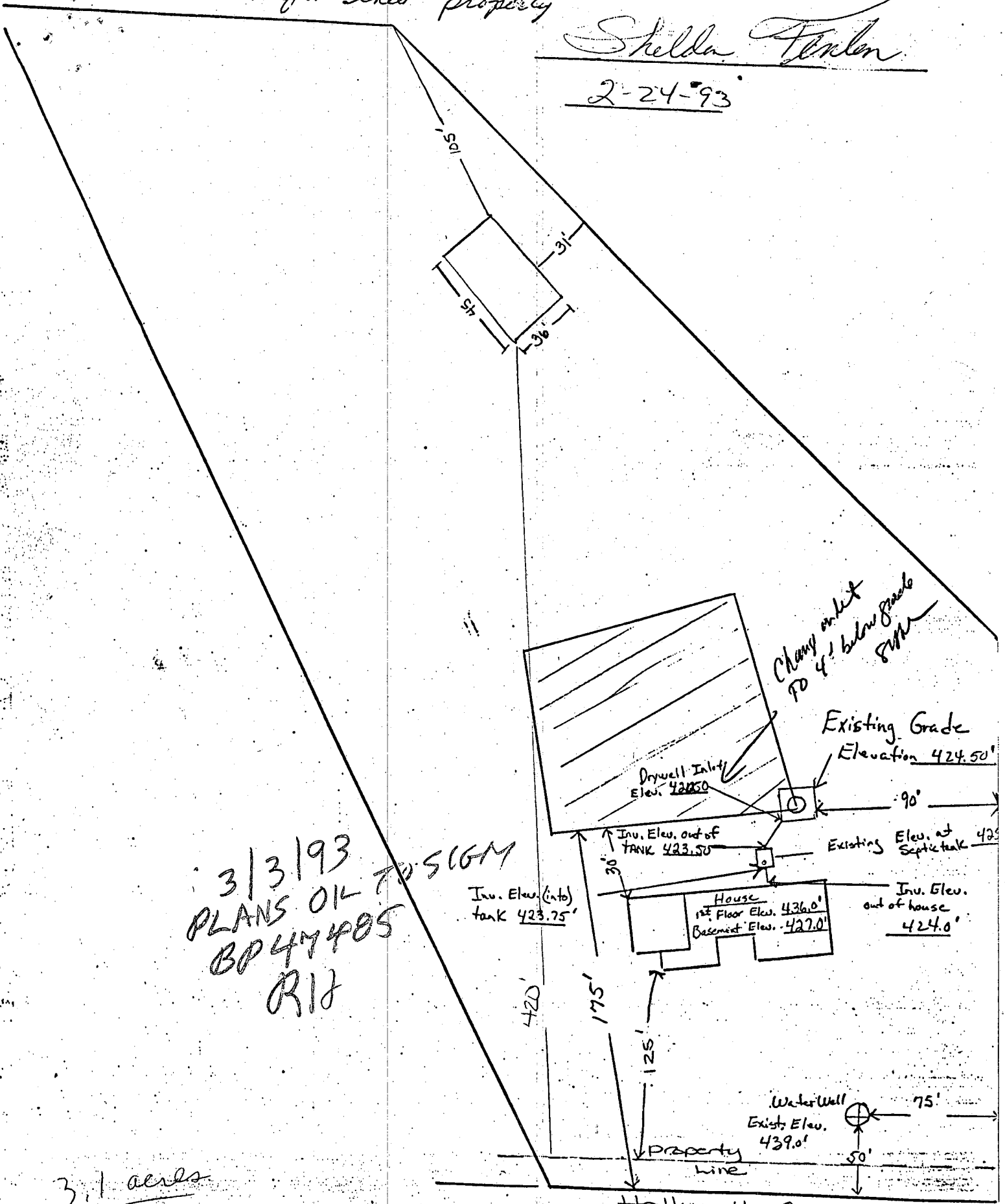
Date: 2-3-87

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

I certify the below measurements and elevations are actual + correct for this property

Shelda Fenton

2-24-93



3/3/93  
PLANS OK TO SIGM  
BP 47405  
RIF

3.1 acres

1" = 60'

Hallowell Ct.  
Road Elevation 440.0'

Water Well  
Exists Elev. 439.0'

Property Line

Inv. Elev. out of house 424.0'

Inv. Elev. (into) tank 423.75'

Existing Elev. at Septic tank 423'

Existing Grade Elevation 424.50'

Change outlet TO 4' below grade SW

Drywell Inlet Elev. 428.50

Inv. Elev. out of TANK 423.50'

House  
1st Floor Elev. 436.0'  
Basement Elev. 427.0'

90°

420'

175'

125'

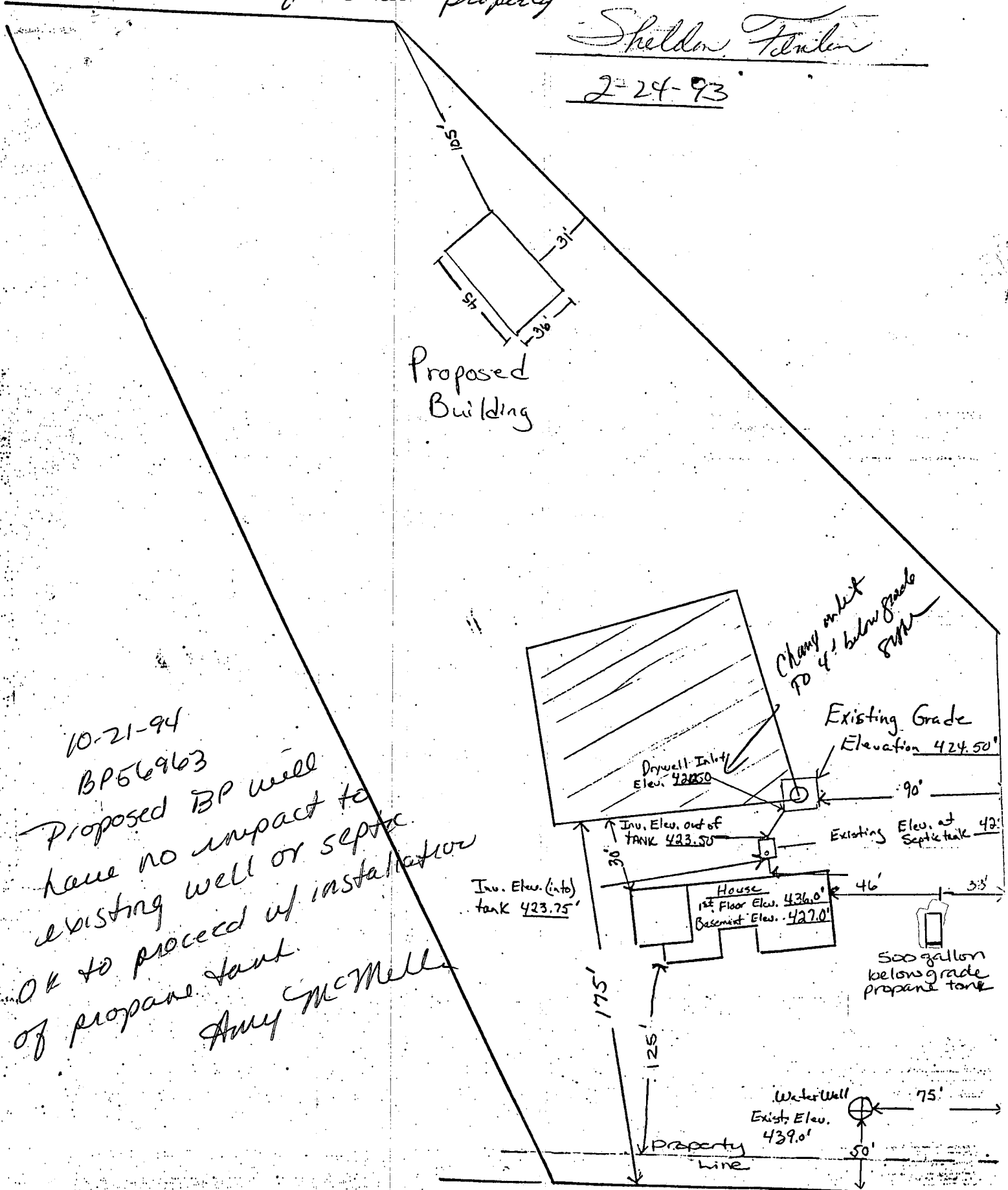
75'

50'

I certify the below measurements and elevations are actual & correct for this property

Sheldon Fenner

2-24-93



10-21-94  
 BP56963  
 Proposed BP will have no impact to existing well or septic. OK to proceed w/ installation of propane tank.  
 Amy McMella

1" = 60'

Hallowell Ct.  
 Road Elevation 440.0'