

11/7/88 ASAP
+ WPI - (MARINO)

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

P 42884

A 35005

DISTRICT 5th

DATE 10/28/88

DATE SYSTEM APPROVED 11-7-88

INSPECTOR JEN

Wesmar - Wayde Souder

IS PERMITTED TO INSTALL X ALTER

ADDRESS 13990 Triadelphia Road, Dayton MD. 21036 PHONE 531-2166

SUBDIVISION Waterford ROAD 13237 Westmeath Lane LOT 10

PROPERTY OWNER Paul Bolduc

ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO X

270
5
311.00
366.6 ft

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 5

TRENCHES - 220 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 5.0 feet below original grade. Bottom maximum depth 7.0 feet below original grade. Effective area begins at 5.0 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Place the distribution box 220 feet down the left (789.75') lot line from the back of the lot and 60 feet off the left lot line as seen when facing the lot from Westmeath Lane. Run trenches on contour toward the right 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. OK/CW

PLANS APPROVED BY Sid Abel DATE 4/02/87

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

BUDG. PERMIT SIGNED

AND RETURNED 10/28/88

Sid Abel #30376-1111

BUDG. PERMIT SIGNED

AND RETURNED 9/27/87

Sid Abel #30376-1111

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

570 gal. propane tank

35005

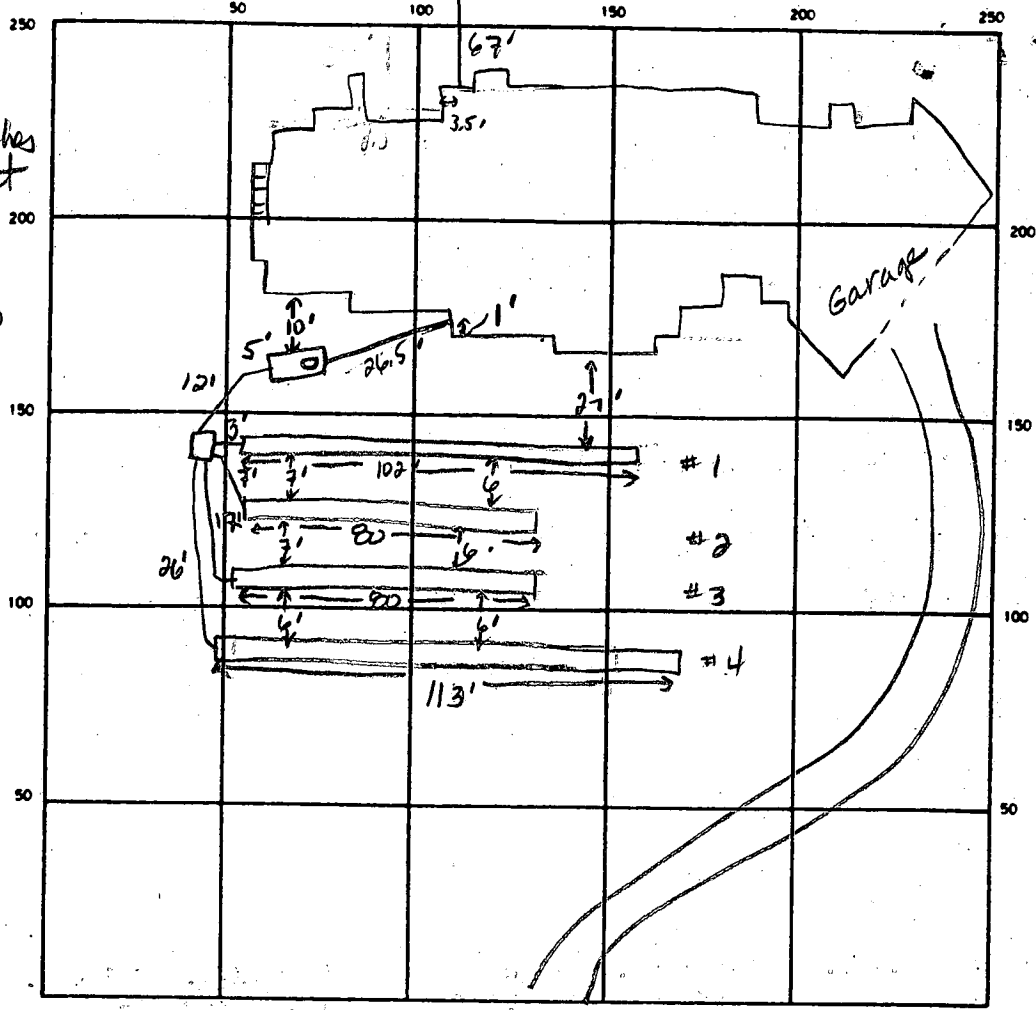
40-01-2609

Marino

301-747-5615

WPI

well line at 42 inches
Pitless adaptor at
36 inches. Ground
connected. House
connection ok. No
pump tank yet.
JEN



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Westmeath Lane

SEPTIC TANK LEVEL 1500 gal CLEANOUTS 1 on s tank

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TILE FIELD. DEPTH 2.3 2.5 2.5 3.0 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4.5 4.5 4.5 4 FT.

EFFECTIVE GRAVEL DEPTH 2.5 / 2.5 / 2.5 / 3.0 FT. TOTAL LENGTH 102 / 80 / 80 / 113 FT.

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 306 240 240 339 SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 1125 SQ. FT.

REMARKS 11-7-88 pipe from house to tank. must be supported on blocks, gravel, etc. due to length and open pit around foundation. All other work may be covered up to the septic tank. JEN

11-7-88 1:46pm Souder called and stated he would fill area from tank to house with stone as well as around the foundation. JEN

DATE SYSTEM APPROVED 11-7-88 INSPECTOR Jane E. Nadeau

110
30
8

Need only 1 application with the below checked items completed

APPLICATION

A 35005

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 CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 5th

DATE 2/13/85

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.

Paul Bolduc

PROPERTY OWNER Teral International, % Mrs. Gabriela M. Arfayo
ADDRESS 1310 Eighteenth St., N.W., Washington, D.C., 20036 PHONE 202-457-0727

PROPERTY LOCATION: WATERFORD Section 3
SUBDIVISION Huntington Estates Section 2 LOT NO. 9 LOT 10

ROAD AND DESCRIPTION North side of Brighton Dam Road approximately 3400
feet west of Ten Oaks Road 13237 Westmeath Ln

SIZE OF LOT 3+ acres TYPE BLDG. Residence
(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. *Charles Cross*
(SIGNATURE OF APPLICANT)

APPROVED BY *Sidney Abel* FOR *Shallow tele fields* DATE *4-2-87*

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING *3-19-85 PERC. RESULTS SATISFACTORY, HOLD FOR CERTIFIED*

HOLE LOCATION, HOUSE AND WELL SITE. SAME

BDDG. PERMIT SIGNED
AND RETURNED *9-19-88*

BP 20807
Sal

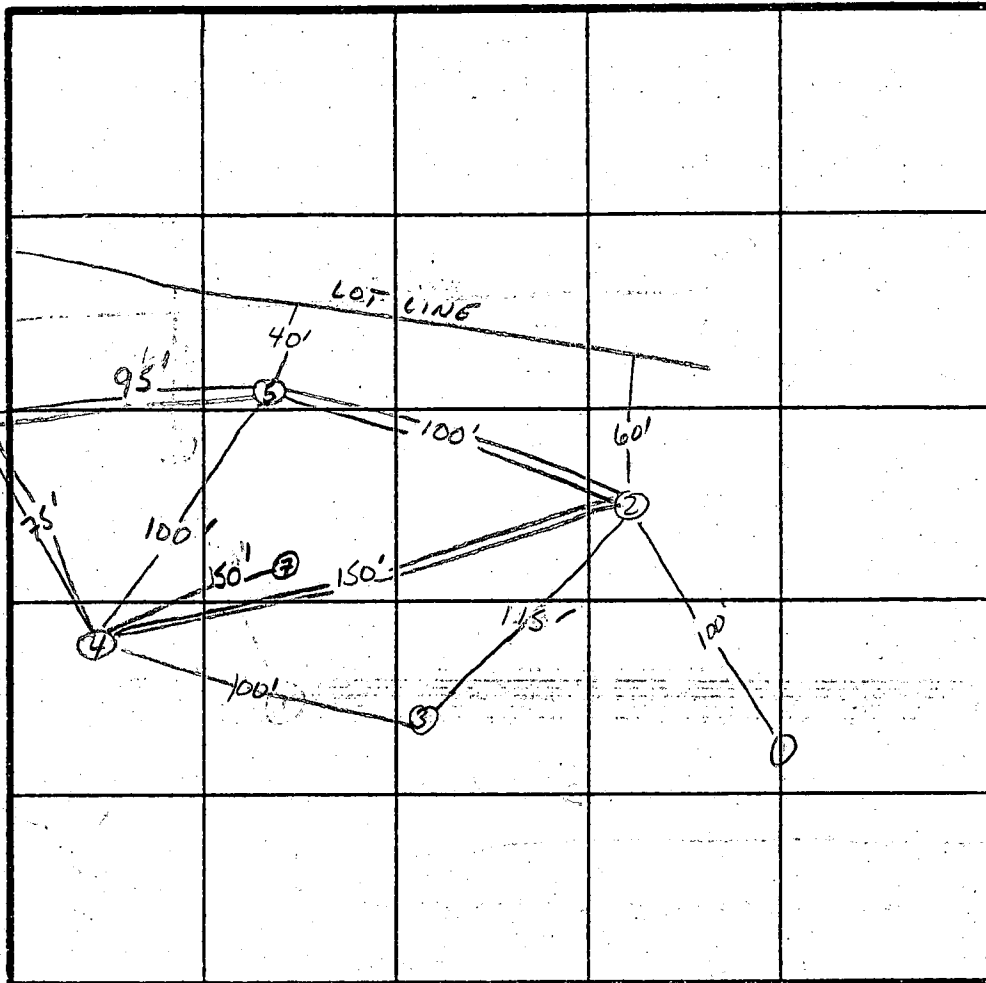
THIS IS NOT A PERMIT

①
SOIL PROFILE

0
6" A1-3
YELLOW BROWN
CLAY LOAM
L10%
SAPROLITE

5'
WHITE/BROWN
SILTY SAND
CHALKY
LIKE
10-20%
SAPROLITE

13'



⑤ ⑦

6" A1-3
RED CLAY
LOAM L10%
SAPROLITE

5-6
RED/PINK
LOAM L10%
SAPROLITE

12'
BROWN/RED
SAND LOAM
L10% SAP-
ROLITE

PERC
12 MIN
200 #/BK
INLET 5'
BOTTOM 70'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
BRIGHAM DAM Rd.

② ④ ⑥

0
6" A1-3
RED BROWN
CLAY LOAM
L10% SAPROLITE

5'
RED BROWN
SAND LOAM
10-20%
SAPROLITE

12.5'
④
PINK BROWN
SAND LOAM
10-20%
SAPROLITE

③

6" A1-3
RED BROWN
CLAY LOAM
L10%
SAPROLITE

5.5'
BROWN SAND
LOAM 10-20%
SAPROLITE

13'
GREY BROWN
SILT SAND
20% - 30%
SAPROLITE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
3/9/85	1S	5'	1:50	NO MOVEMENT	ABANDONED			
	1V	13'	UNIFORM SOIL STRUCTURE		Below 5'			
	2S	5'	1:53	2:00	2:00	2:16	16min	
	2V	12.5'	UNIFORM SOIL STRUCTURE		Below 5'			
	3S	5.5'	2:44	LITTLE MOVEMENT		ABANDONED		
	3V	13'	SEE PROFILE		VARYING SOIL STRUCTURE			
	4S	6'	3:05	3:10	3:10	3:20	10min	
	4V	13'	SEE PROFILE -		VARYING SOIL STRUCTURE		Below 5'	
	5S	6'	3:41	3:48	3:48	4:03	15min	
	5V	VARYING SOIL STRUCTURE		SEE PROFILE				
	6S	6'	4:01	4:03	4:03	4:08	5min	
	6V	13'	SEE PROFILE		VARYING SOIL STRUCTURE			
	7V	12'	SAME AS HOLE 5					

HOLES LOCATED
REMARKS Different FROM PLAT

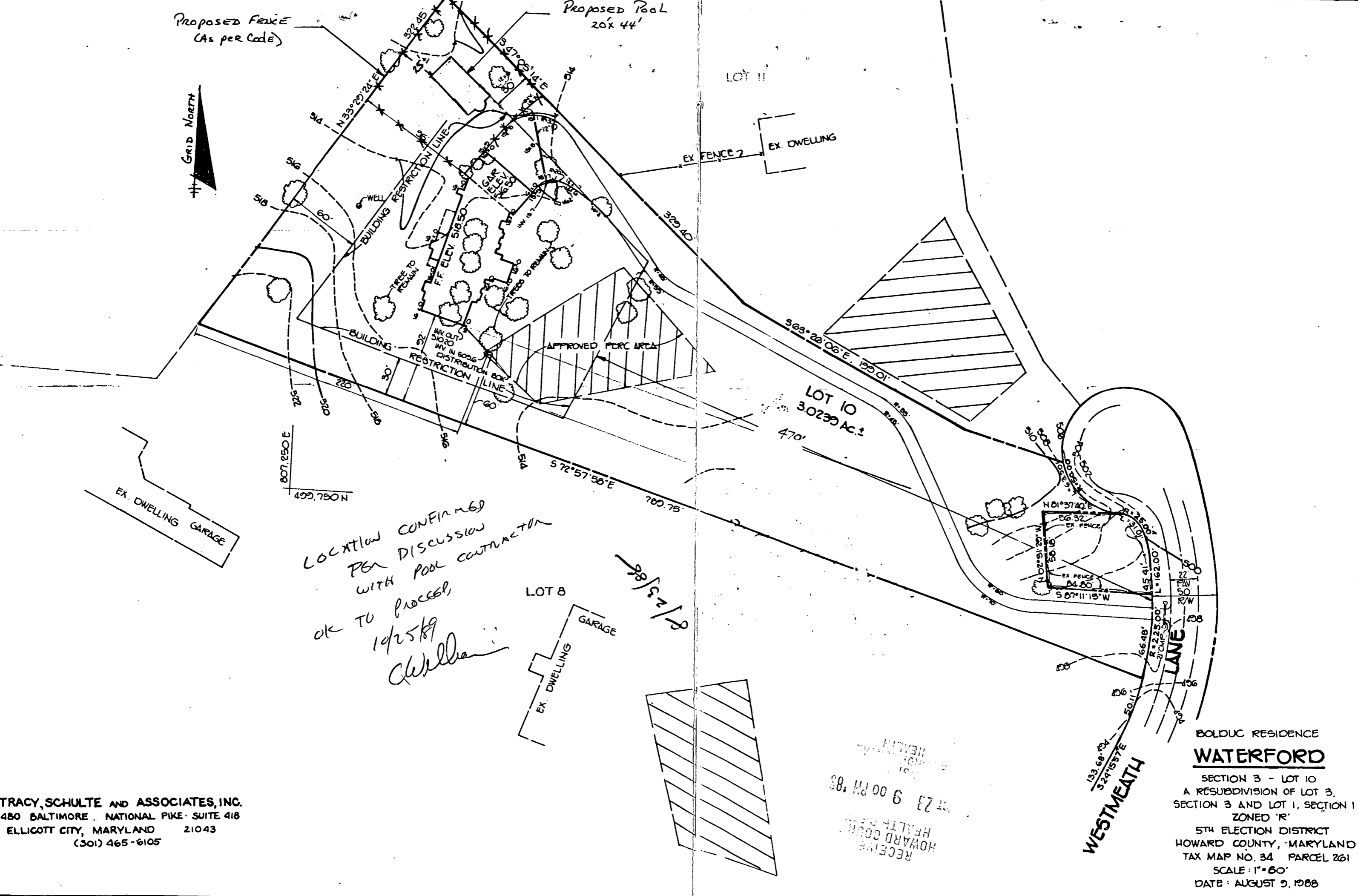
TYPE OF SOIL

SAND

SKIP, LES, TERRY

Proposed Fence
(As per Code)

Proposed Pool
20' x 44'



Location confirmed
per discussion
with pool contractor
OK to proceed,
10/25/89
Chellia

TRACY, SCHULTE AND ASSOCIATES, INC.
8480 BALTIMORE NATIONAL PIKE SUITE 418
ELLCOTT CITY, MARYLAND 21043
(301) 465-6105

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
AUG 23 9 00 PM '89

BOLDUC RESIDENCE
WATERFORD
SECTION 3 - LOT 10
A RESUBDIVISION OF LOT 3,
SECTION 3 AND LOT 1, SECTION 1
ZONED 'R'
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
TAX MAP NO. 34 PARCEL 261
SCALE: 1"=60'
DATE: AUGUST 9, 1988

B 1 **3654** 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
40-81-2609
 fill in this form completely

Date Received (APA) **02/27/88**
 OWNER INFORMATION
 15 Last Name **ADAMS** Owner First Name **ADAMS**
 36 Street or RFD **6387 FEN OAKS ROAD**
 57 Town **CLARKSVILLE** State **MD** Zip **21029**

LOCATION OF WELL
 8 COUNTY **HOWARD**
 23 SUBDIVISION **WATERFORD**
 SECTION **3** LOT **10**
 52 NEAREST TOWN **CLARKSVILLE**
 MILES FROM TOWN (enter 0 if in town) **2 1/2** Mi

DRILLER INFORMATION
 Driller's Name **Joseph L. Mayne** License No. **238**
 Firm Name **Joseph L. Mayne WELL DRILLING**
 Address **5512 Ridge Rd. Mt. Airy, Md. 21771**
 Signature **Joseph L. Mayne** Date **2/22/88**

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

 NEAR WHAT ROAD **Westmeath Lane**
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

 DISTANCE FROM ROAD **700** FT
 ENTER FT or MI **FT**

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
 COUNTY NAME **HOWARD** COUNTY NO. **A-35005**
 STATE SIGNATURE _____ DATE ISSUED **03/14/88**
 CO SIGNATURE _____ EXP. DATE _____
 NORTH GRID **499000** EAST GRID **0807000**

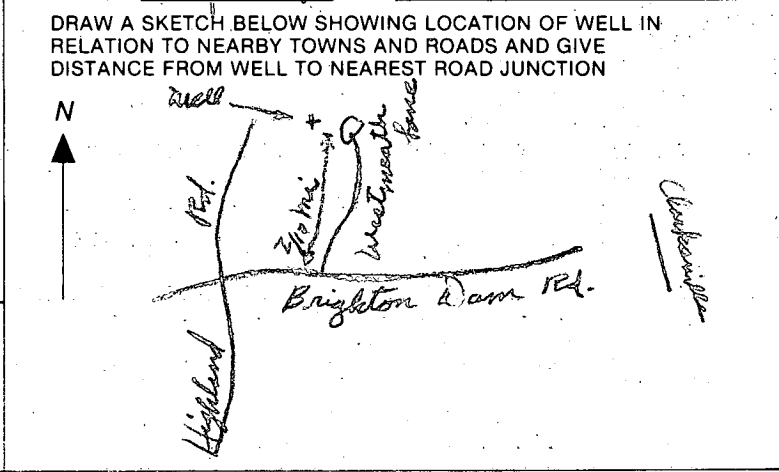
APPROXIMATE DEPTH OF WELL **200** FEET

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
 other _____

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

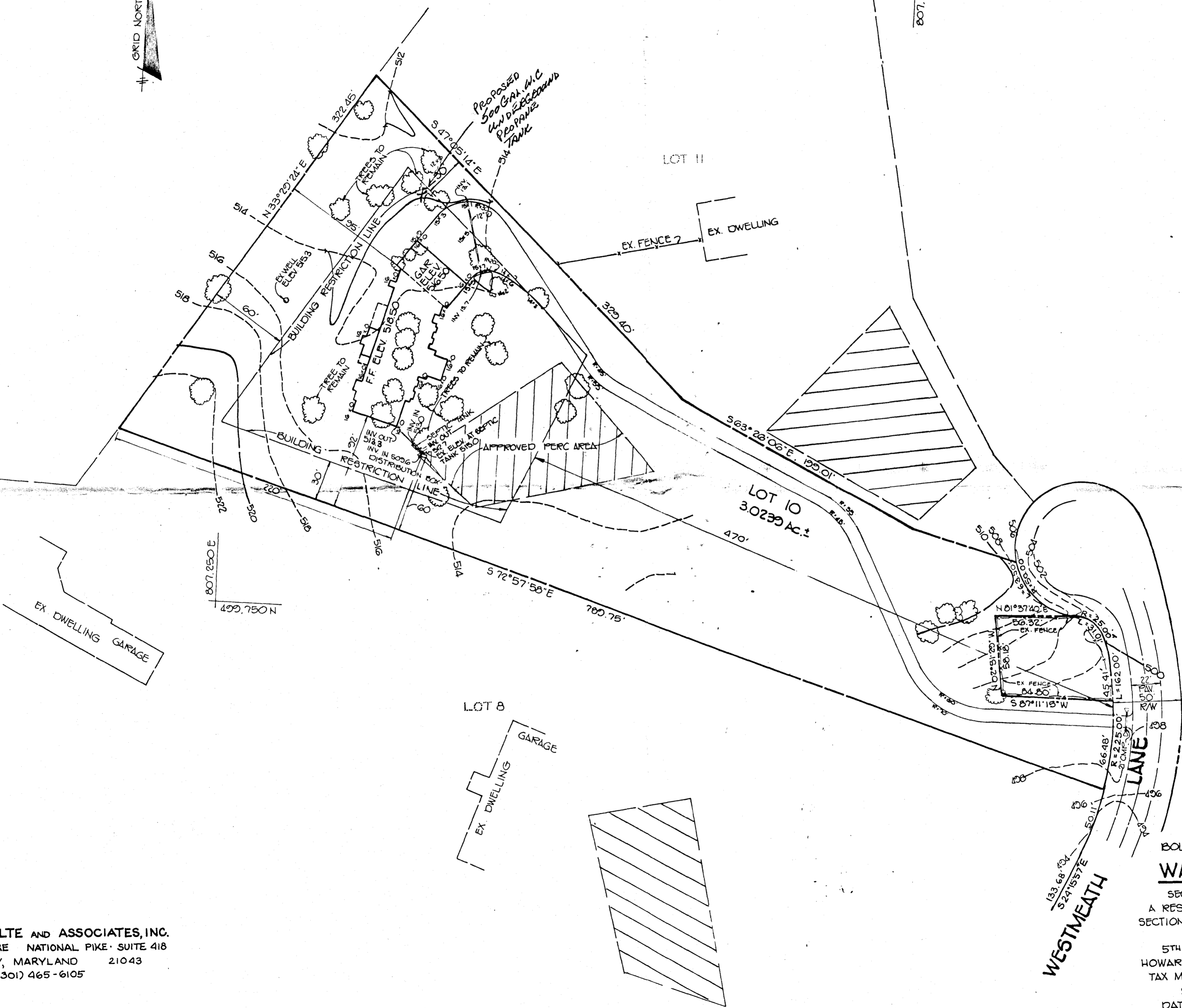
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
 THIS WELL WILL DEEPEM AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____



Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____
 FORCE **2** WRITE INITIALS IN BOX **AD** PERMIT NO. **40-81-2609**



500.250N
807.250 E
500.250N
807.750 E



TRACY, SCHULTE AND ASSOCIATES, INC.
8480 BALTIMORE NATIONAL PIKE SUITE 418
ELLCOTT CITY, MARYLAND 21043
(301) 465-6105

WESTMEATH LANE

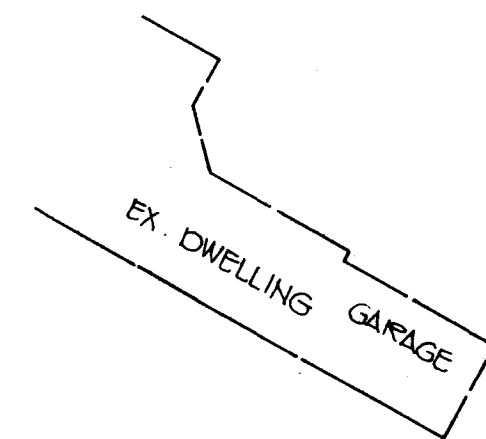
BOLDUC RESIDENCE
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ZONED 'R'
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
TAX MAP NO. 34 PARCEL 261
SCALE: 1" = 50'
DATE: AUGUST 9, 1988
REVISED: AUGUST 23, 1988



500.250N
807.250 E

500.250N
807.750 E

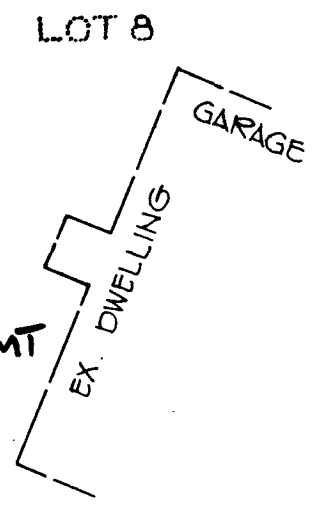
807.250 E
499.750 N



9/19/88
#5 called in by Steve Bumbury T+ASSOC.

TANK TO HOUSE 15.0 ✓
INV IN - 513.0 ✓
INV FN - 512.7 ✓
EX. GRADE 515.0 ✓

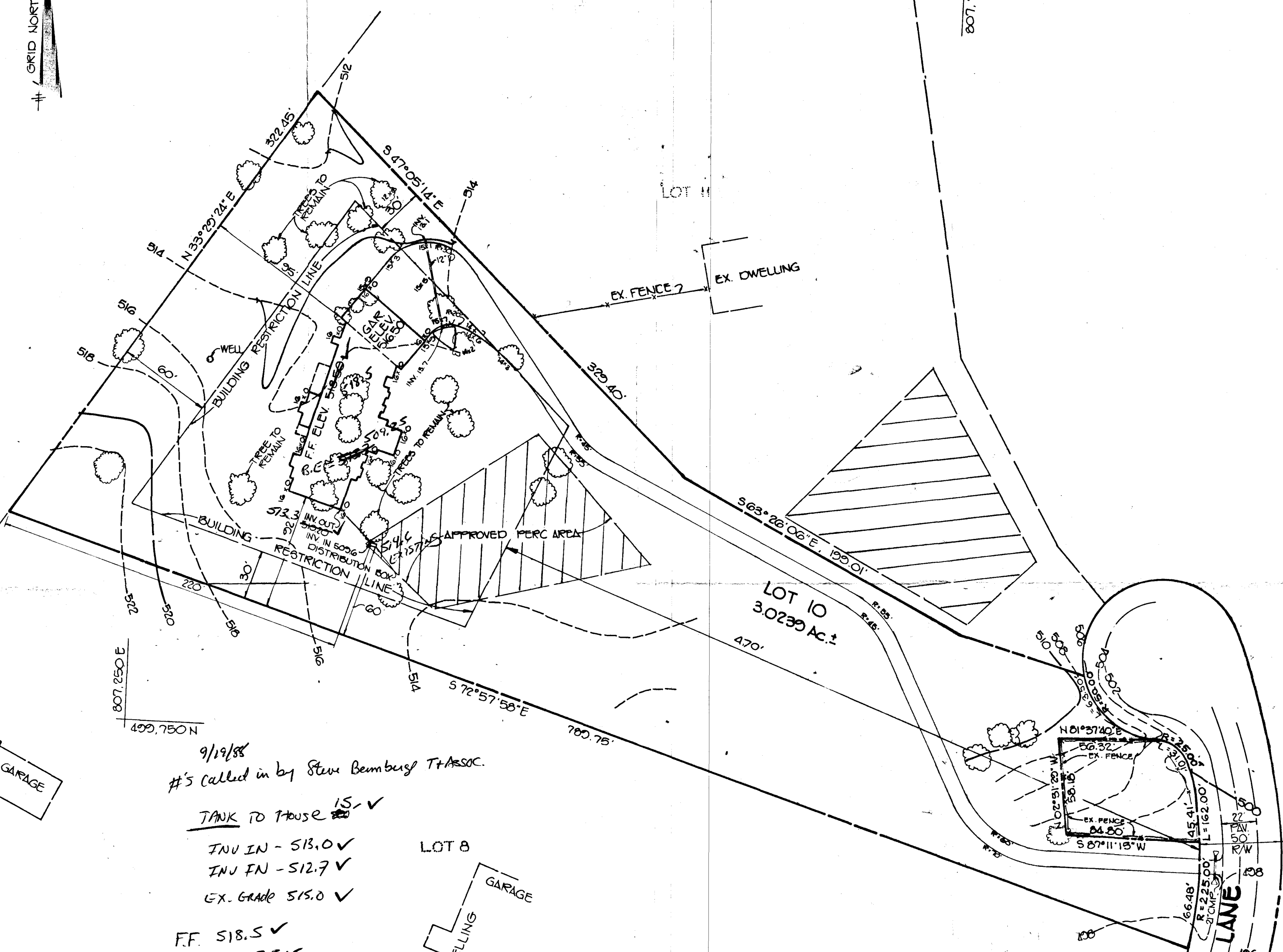
F.F. 518.5 ✓
B.E. 509.25 ✓
INV AT HOUSE 513.3 ✓ - BSMT
TRENCH/DB EXIST. 514.6 ✓



9/19/88
Bldg. permit signed
and returned 9-19-88
BP 20807
S.dh
Elwations ok Sabal
after changes called in by
Steve Bumbury

TRACY, SCHULTE AND ASSOCIATES, INC.
8480 BALTIMORE NATIONAL PIKE, SUITE 418
ELLCOTT CITY, MARYLAND 21043
(301) 465-6105

BLDG. PERMIT SIGNED
AND RETURNED 9-19-88
BP 20807



BOLDUC RESIDENCE
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SECTION 3 - LOT 10
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HOWARD COUNTY, MARYLAND
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SCALE: 1" = 50'
DATE: AUGUST 2, 1988

C1 7720 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-81-2609 COUNTY NUMBER A 35005

DATE Received DATE WELL COMPLETED 14 27 88 Depth of Well 185 (TO NEAREST FOOT) PERMIT NO. H0-81-2609

OWNER ADAMS LOUISE STREET OR RFD WESTMEATH LAWE TOWN CLARKSVILLE SUBDIVISION WATERFORD SECTION 3 LOT 10

WELL LOG Table with columns: DESCRIPTION (SAND, GRAY MICHA ROCK), FEET (FROM 0 TO 155), Check if water bearing.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 13 NO. OF POUNDS 1322

CASING RECORD MAIN CASING TYPE (SA) Nominal diameter (6) Total depth (164)

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

SCREEN RECORD screen type or open hole (HO) insert appropriate code below

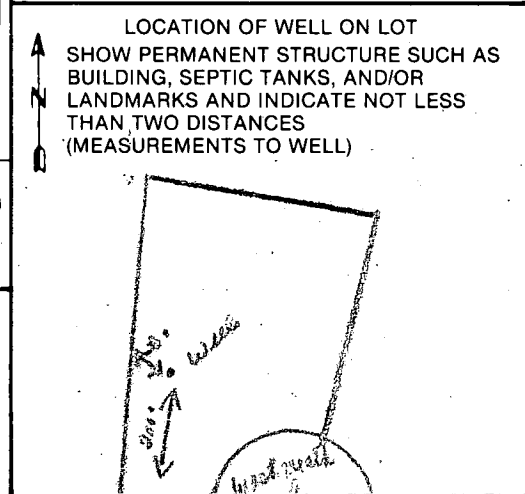
DEPTH (nearest ft.) HO 160 185 SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

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 OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 15 METHOD USED TO MEASURE PUMPING RATE Bucket

PUMP INSTALLED DRILLER WILL INSTALL PUMP YES (NO) TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE



CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED DRILLERS IDENT. NO. 238 DRILLERS SIGNATURE SITE SUPERVISOR

11-7-88
AM

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 # _____
Date _____

Name of Installer Marino

Telephone 301-747-5615

License Number _____

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber _____

Name of Property Owner Paul Bolduc

Telephone _____

Subdivision Waterford, Sec I Lot # 10

Well Tag # HD-81-2609

Site Address 13237 Westmeath Lane

Pump

- 1. Type
 - a. Deep well jet _____
 - b. Shallow well jet _____
 - c. Submersible _____
- 2. Make _____
- 3. Model # _____
- 4. Capacity _____ GPM

Motor

- 1. Horsepower _____
- 2. RPM _____
- 3. Voltage _____
 - a. 110 _____
 - b. 220 _____

Pitless Adapter

- 1. Make _____
- 2. Model # _____
- 3. Depth _____

- 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 _____

Tank

- 1. Capacity _____
- 2. Pressure relief valve? _____

Piping

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

Well data

- 1. Depth 185 ft.
- 2. Yield 15 GPM
- 3. Static water level 30 ft.
- 4. Will water supply be disinfected by installer? _____

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: _____

Date: _____

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

11-7-88

Well line installed at 42 inches. House connection
ok. Pitless adaptor at 36 inches. No pump tank yet.
JE Nadeau