2/23/89 ~~A.M.~~ 11:30

04-309529

3606 R+94

PERMIT

W 43624

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

A REPAIR

DISTRICT 4th

DATE 2/22/89

DATE SYSTEM APPROVED ______

INSPECTOR ______

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

Olen Ketterman IS PERMITTED TO INSTALL ______ ALTER X

ADDRESS 14960 Route 144, Woodbine, Maryland 21797 PHONE 442-1336

SUBDIVISION ______ ROAD 3185 Florence Road LOT ______

PROPERTY OWNER Raymond Becraft

ADDRESS 3185 Flhrence Road

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

REPAIR - CALL FOR INSPECTION WHEN GROUND IS OPENED UP SO SANITARIAN CAN RECOMMEND REPAIR.

INSTAll - 1-108' TRENCH INlet 3' BOTTOM 8' 5' STONE

RUN TRENCH THROUGH Hole #1 S. Abel

PLANS APPROVED BY C. Williams DATE 2/22/89

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 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 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

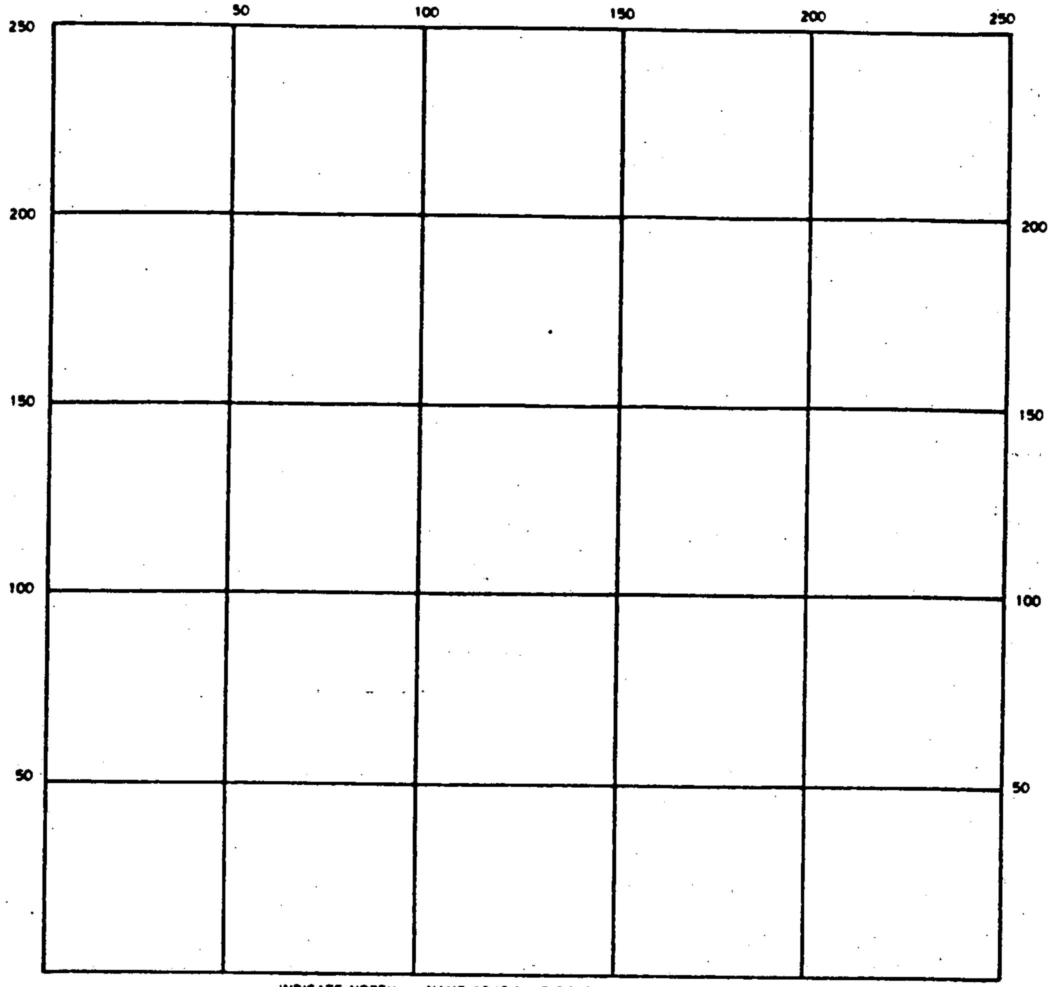
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

W 43624

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

HD-260



INDICATE NORTH — NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK. LEVEL ______________________ CLEANOUTS ______________________

DISTRIBUTION BOX. LEVEL ____

DRAIN FIELD/TILE FIELD. DEPTH ________ FT. TRENCH WIDTH ________ FT. INLET DEPTH ________ FT.

EFFECTIVE GRAVEL DEPTH ______________ FT. TOTAL LENGTH ______________ FT

NUMBER OF TRENCHES ________ ONE SIDEWALL/BOTTOM AREA ________ SQ FT.

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

ABSORBENT AREA ________ SQ. FT.

REMARKS ____

____

____

____

____

____

DATE SYSTEM APPROVED ______________________ INSPECTOR ______________________

APPLICATION

A Repair

PERCOLATION TESTING

P ______

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT 4th

DATE 2-23-89

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 Beecraft, Raymond

ADDRESS ______ PHONE ______

PROSPECTIVE BUYER ______

ADDRESS ______ PHONE ______

PROPERTY LOCATION:

SUBDIVISION ______ LOT NO. ______

ROAD AND DESCRIPTION 3185 Florence Rd

______

TAX MAP ______ PARCEL # ______

SIZE OF LOT ______ TYPE BLDG. ______
(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. ______
(SIGNATURE OF APPLICANT)

APPROVED BY ______ FOR ______ DATE ______

REJECTED BY ______ FOR ______ DATE ______

HOLD PENDING FURTHER TESTS ______ DATE ______

REASONS FOR REJECTION OR HOLDING ______

______

______

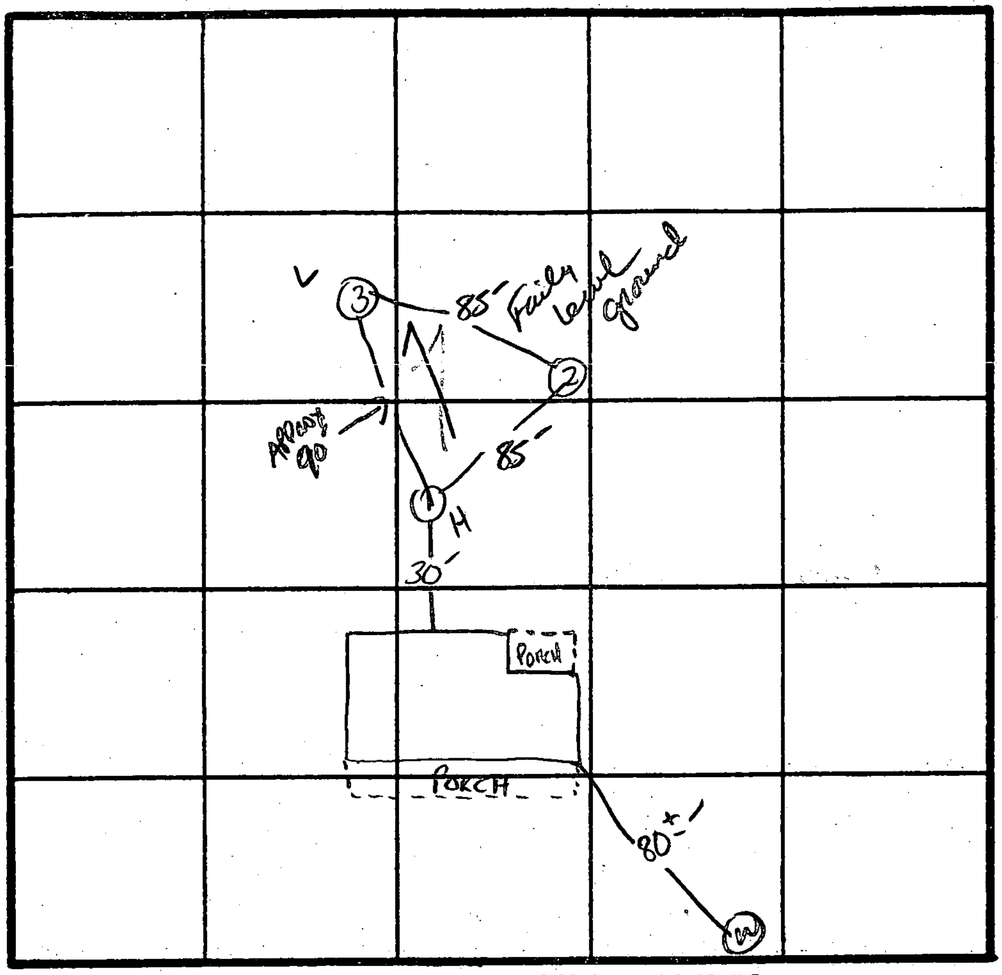
HD-216

THIS IS NOT A PERMIT

(1)

SOIL PROFILE

Depth	
0'	A1-3
4"	Yellow BR w/PINK SiCLm CASTS 10-18% Frag
3'	RED BR (PINK CASTS) Silt Loam 25-35% Frag (shale)
13'	



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

180 ft
Inlet 3'
Bottom 8'
3 BR
720
3
540
108'
5 | 540

1 - 108' long Trench

(3)

Depth	
0	AP HX
8"	Yellow BR w/PINK SiCl Lm CASTS
3'	Yellow BR w/ many PINK CAST Sil Lm, 20% Frag
12	

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
2/23/89	1 S V	3' 13'	10:52 As Profiled	10:56	10:56	11:03	7 min
	2 S V	3.5 13'	11:00 SAME As #2	11:02	11:02 Profile	11:05	3 min
	3 V	12'	As Profiled				

REMARKS

TYPE OF SOIL Glenelg/MANOR LOAM

TESTED BY S. Abel ALSO PRESENT D. Ketterman

C	1	2250	SEQUENCE NO. (DENV USE ONLY)

1 2 3 6

(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

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER W-43624

DATE Received [ ] (8–13)

DATE WELL COMPLETED 070389 (15–20)

Depth of Well 165 (22–26) (TO NEAREST FOOT)

OK MR 1/9/91

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-88-0421 (28–37)

OWNER BECKRAFT (last name) RAYMOND (first name)

STREET OR RFD 3185 Flintville Rd. TOWN Flintville

SUBDIVISION ______ SECTION ______ LOT ______

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	FEET TO	Check if water bearing
Top Soil	0	2	
Brown Shale	2	50	✓
Brown Slate	50	55	
Blue Slate	55	80	
Brown Slate	80	85	✓
Blue Slate	85	165	

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

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 273

Ralph Miller [signature]

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) yes **Y** (44) no N (44)

TYPE OF GROUTING MATERIAL

CEMENT **CM** (45–46) BENTONITE CLAY BC (45–46)

NO. OF BAGS 9 NO. OF POUNDS 900

GALLONS OF WATER 54

DEPTH OF GROUT SEAL (to nearest foot) from 0 (48–52 TOP) ft. to 40+ (54–58 BOTTOM) ft. (enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below

ST STEEL — CO CONCRETE — **PL** PLASTIC — OT OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
PL (60–61)	6 (63–64)	60 (66–70)

OTHER CASING (if used)

EACH CASING — diameter inch / depth (feet) from / to

diameter inch	from	to

SCREEN RECORD
screen type or open hole insert appropriate code below

ST STEEL — BR BRASS BRONZE — **HO** OPEN HOLE — PL PLASTIC — OT OTHER

C 2 (1 2)

EACH SCREEN — DEPTH (nearest ft.)

	Type	From	To
1	HO (8–9)	58 (11–15)	165 (17–21)
2	(23–24)	(26–30)	(32–36)
3	(38–39)	(41–45)	(47–51)

SLOT SIZE 1____ 2____ 3____

DIAMETER OF SCREEN [ ] (56–60) (NEAREST INCH)

GRAVEL PACK from ______ to ______

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.) W Q

70 [ ] TELESCOPE CASING — 72 [ ] LOG INDICATOR — 74 75 76 [ ] OTHER DATA

C 3 (1 2)

PUMPING TEST
HOURS PUMPED (nearest hour) 3 (8–9)

PUMPING RATE (gal. per min. to nearest gal.) 8 (11–15)

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 50 (17–20)

WHEN PUMPING 165 (22–25)

TYPE OF PUMP USED (for test)

A air (27) — P piston (27) — T turbine (27) — C centrifugal (27) — R rotary (27) — O other (describe below) (27) — J jet (27) — S submersible (27)

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) YES **NO**

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: [ ] (29)

CAPACITY: GALLONS PER MINUTE (to nearest gallon) [ ] (31–35)

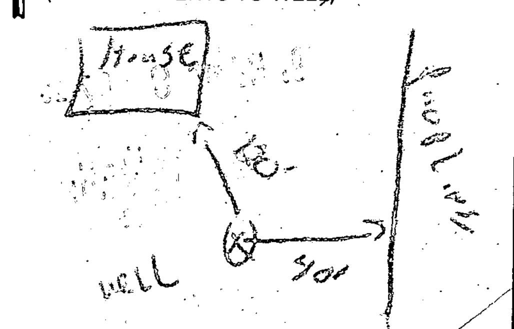
PUMP HORSE POWER [ ] (37–41)

PUMP COLUMN LENGTH (nearest ft.) [ ] (43–47)

CASING HEIGHT (circle appropriate box and enter casing height)

+ above (49) / − below (49) LAND SURFACE 2 (50–51) (nearest foot)

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)



COUNTY

EMERGENCY/TEMP NO. IF ANY

B 1 | 7917 | SEQUENCE NO. (DP USE ONLY)

1 2 3 6 (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 HO-88-0421

70 fill in this form completely 79

Date Received (APA) 7/3/89 9:30

022889
8 13

OWNER INFORMATION

Becraft Raymond
15 Last Name Owner First Name 34

3185 Florence Road
36 Street or RFD 55

Woodbine Md 21797
57 Town 70 State 72 Zip 76

DRILLER INFORMATION

Ralph Mayne 273
Driller's Name 77 License No. 80

Ralph Mayne (Well Drilling)
Firm Name

9120 Brown Church Rd. Mt Airy
Address

Ralph Mayne 1/16/88
Signature Date

B 2 WELL INFORMATION

1 2

APPROX. PUMPING RATE (GAL. PER MIN.) 5
8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 560
14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- [D] HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
- [F] FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- 22 [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 150 FEET
24 28

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN

30. 37 AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)

CABLE REVerse-ROTary DRive-POINT

other

REPLACEMENT OR DEEPENED 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
- 39 [S] THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
- [D] THIS WELL WILL DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE) 41 52

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

APPROP. PERMIT NUMBER GAP
54 63

FORCE SA WRITE INITIALS IN BOX PERMIT No. HO-88-0421
67 68 70 71 72 73 74 75 76 77 78 79

B 3 LOCATION OF WELL

1 2

HO
8 COUNTY 21

23 SUBDIVISION 42

SECTION 44 46 LOT 22 48 50

FLORENCE
52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 1 MI
73 76 77 78

B 4

1 2

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

N 8; NW 8--9; NE 8--9; W 8; TOWN; E 8; SW 8—9; S 8; SE 8—9

FLORENCE Rd.
11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH N; WEST W; 32; E EAST; S SOUTH

34 600 37
DISTANCE FROM ROAD

ENTER FT or MI Ft
38 39

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

Howard W-43624
COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S
41

DATE ISSUED
022389 Sidney Abel 08-22-89
43 48 CO SIGNATURE EXP. DATE

NORTH GRID 533000
50 55

EAST GRID 0773000
57 63

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

7/3/89 ne 1-98

SOURCES OF DRILLING WATER
1. well
2.
3.

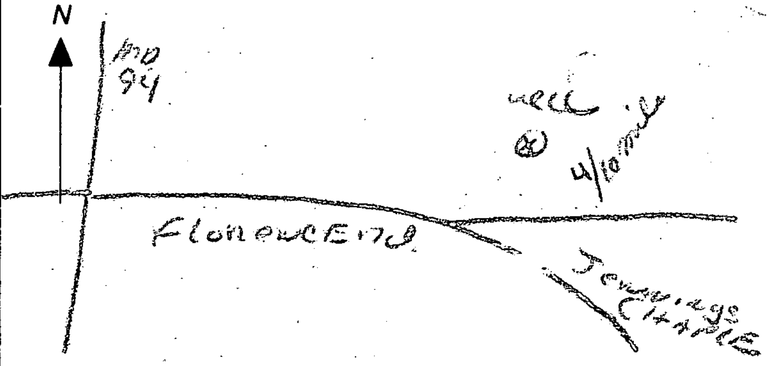
7-3-89 No opportunity to observe. 11:46am
3ft above grade
9 bags cement
JENadeau

WRITE THE BOX NUMBER FROM THE MAP HERE

E 7703
N 5307

000 000

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



SPECIAL CONDITIONS

COUNTY

REPLACEMENT WELL SITE INSPECTION

OWNER: Raymond Becraft

ADDRESS: 3185 Florence Rd

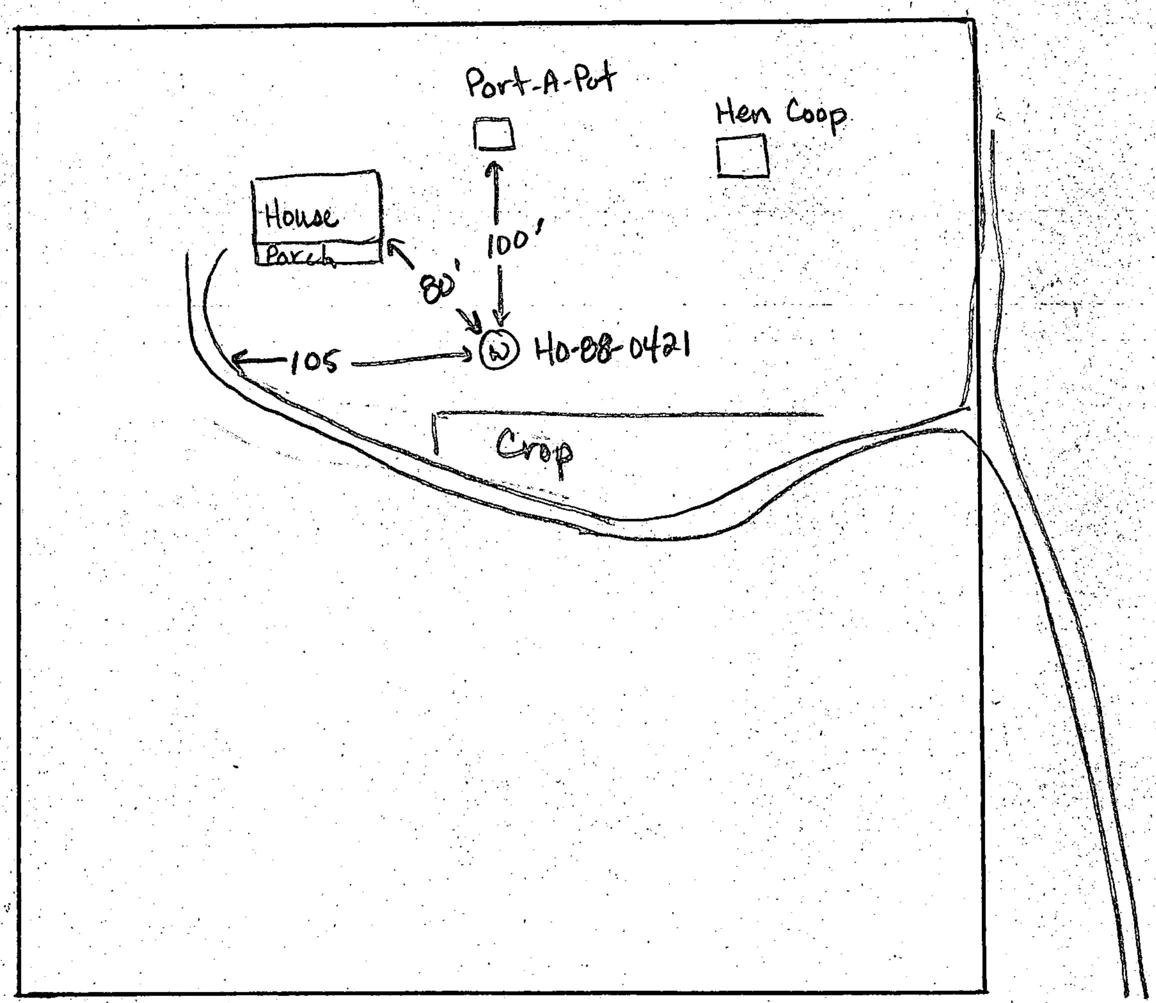
DATE REQUESTED: 2/23/89

DRILLER:

WELL TAG#: HO-88-0421

COUNTY#:

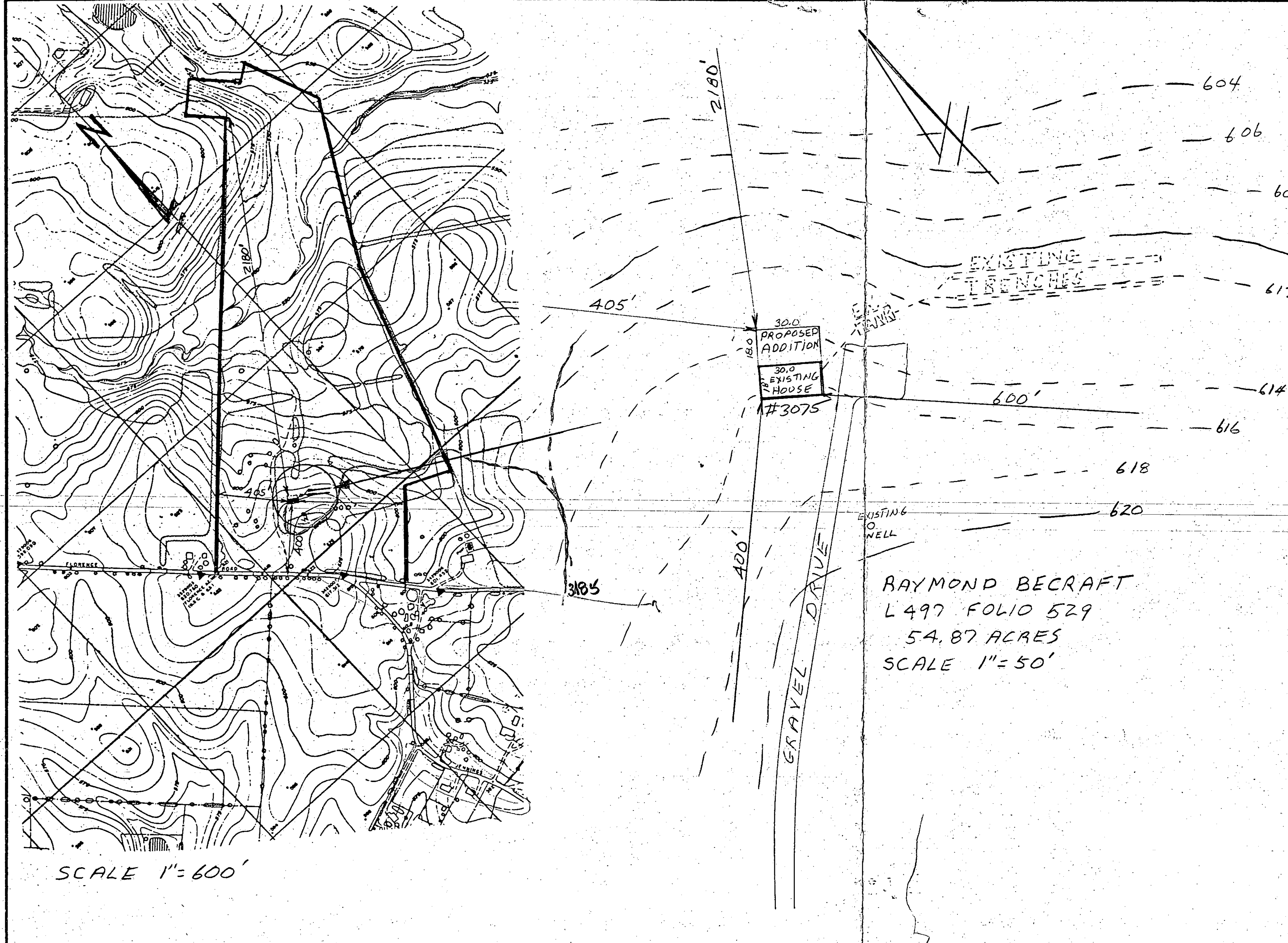
LOCATION DIAGRAM



Florence Road

COMMENTS:

Jennings Chapel Rd



PLOT PLAN
PROPERTY OF
RAYMOND BECRAFT

LIBER 497 FOLIO 529

TAX MAP 13 PARCEL 22
4TH ELECTION DISTRICT
HOWARD COUNTY MD
SCALE AS SHOWN
DATE 9-6-88

EMERGENCY/TEMP NO. IF ANY

B 1 [redacted]23 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 HO-88-0501 fill in this form completely

STATE OF MARYLAND PERMIT TO DRILL WELL

Date Received (APA) 021589

OWNER INFORMATION INDEXED

WENDLING JAMES
Last Name Owner First Name

7535 MURRAY HILL RD
Street or RFD

COLUMBIA MD 21046
Town State Zip

DRILLER INFORMATION

George F. Easterday
Driller's Name — License No. 40

L. Franklin Easterday, Inc.
Firm Name

9265 Brown Church Rd., Mt. Airy, Md. 21771
Address

Signature: George F. Easterday — Date: 2/9/89

B 3 LOCATION OF WELL

COUNTY: HOWARD

SUBDIVISION:

SECTION: LOT:

NEAREST TOWN: GUILFORD

MILES FROM TOWN (enter 0 if in town): 0 MI

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX): N, NE, E, SE, S, SW, W, NW, TOWN (TOWN circled)

9359 GUILFORD RD
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): NORTH N, WEST W, 32, EAST E (circled), SOUTH S

DISTANCE FROM ROAD: 200
ENTER FT or MI: FT

B 2 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) (circled)
- 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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

COUNTY NAME: Howard — COUNTY NO. W43646

STATE SIGNATURE: — INSERT S

DATE ISSUED: 032189 — CO SIGNATURE: Mark E Rifkin — EXP. DATE: 9/21/89

NORTH GRID: 486000 — EAST GRID: 846000

APPROXIMATE DEPTH OF WELL: 200 FEET

APPROXIMATE DIAMETER OF WELL: 6 NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X:
8 BAGS
25' CASING
19' OPEN
1' CASING A.G.
GROUT OBS'D MR
TAG OK 4/20/89

SOURCES OF DRILLING WATER
1. WELL
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE
E 846
N 486
000 000 ✓

METHOD OF DRILLING (circle one)

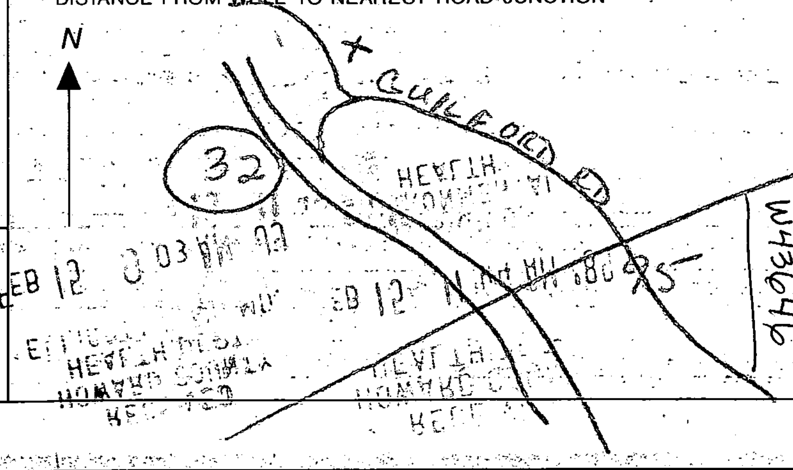
BORED (or Augered) — JETTED — Jetted & DRIVEN
AIR-ROTary (circled) — AIR-PERcussion — ROTARY (Hydraulic Rotary)
CABLE — REVerse-ROTary — DRive-POINT
other:

REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL (circled)
- 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 DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE):

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 (OEP USE ONLY)

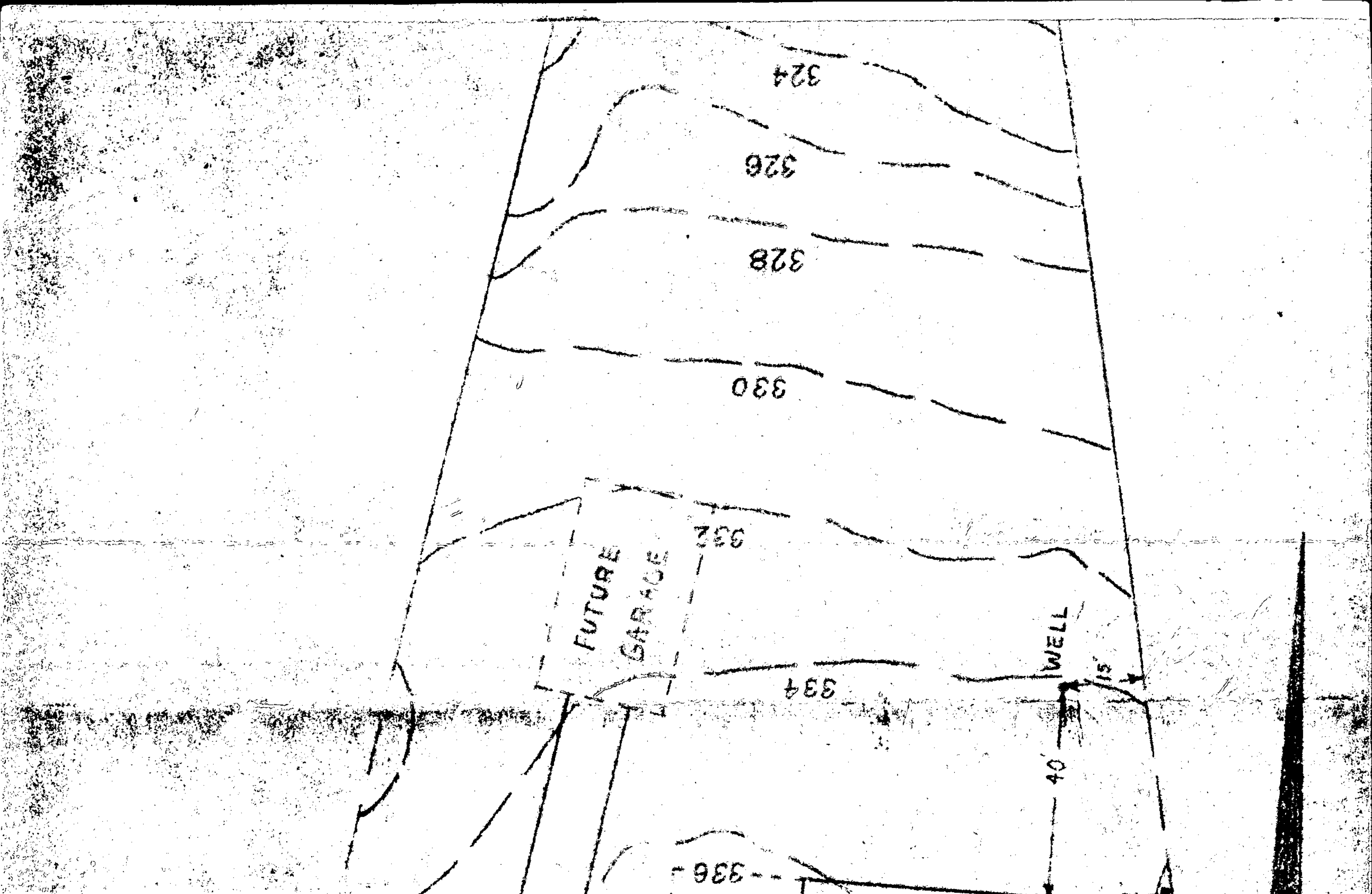
APPROP. PERMIT NUMBER: GAP

FORCE: MR (WRITE INITIALS IN BOX) — PERMIT No. HO-88-0501

FEB 12 1989 — HEALTH DEPT. HOWARD COUNTY RECEIVED

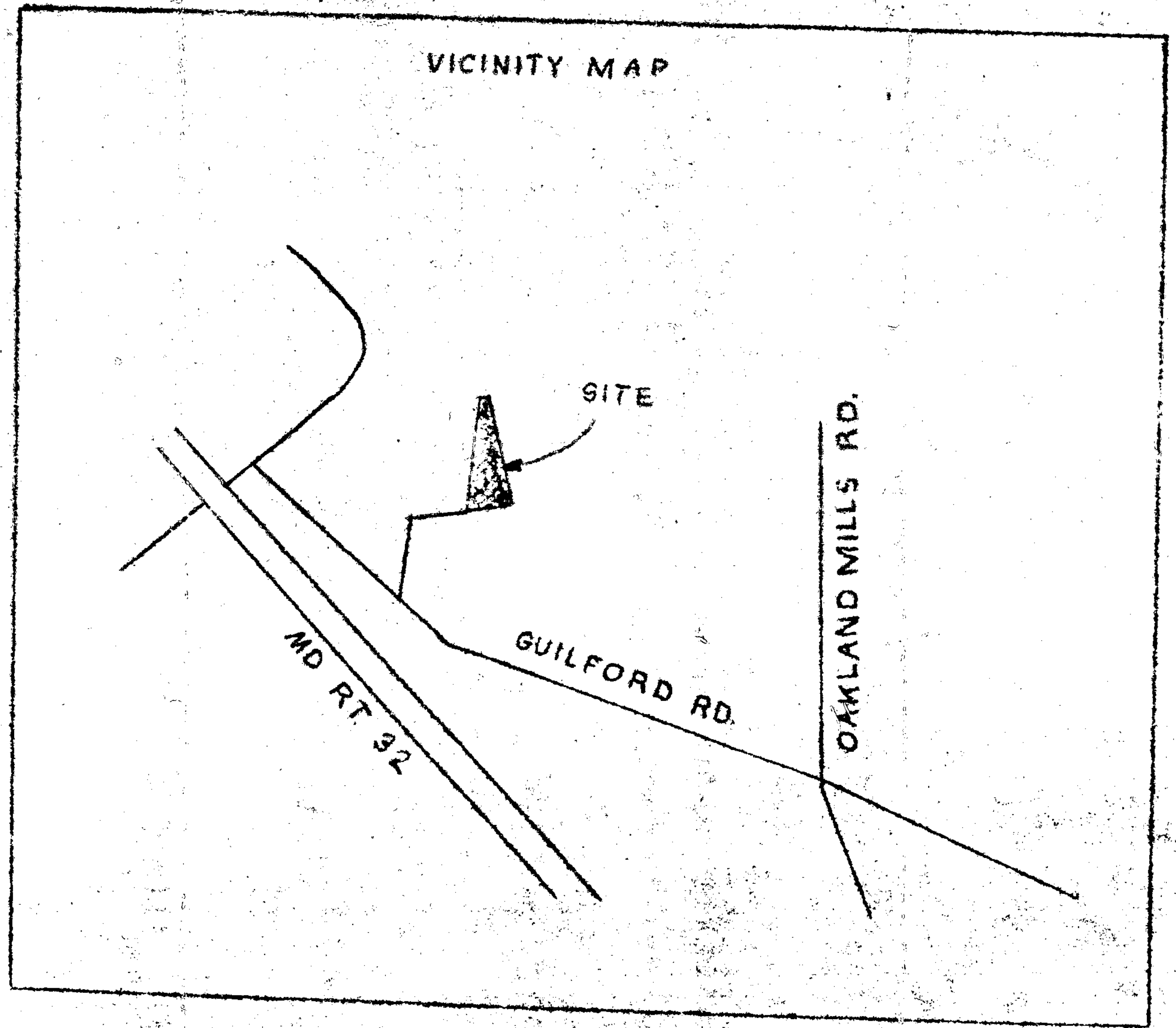
SPECIAL CONDITIONS

COUNTY



8376-A

30 FEET
TO BROKEN LINE SOUTH
LEFT ON [illegible] THEN [illegible]
[illegible] 22 THEN RIGHT
THEN 2 [illegible] ON LEFT
[illegible] DIRT RD.



VICINITY MAP
SITE
OAKLAND MILLS RD.
GUILFORD RD.
MD RT. 32

C1 2258 SEQUENCE NO. (DENV USE ONLY)

(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

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER: W 43646

DATE Received:

DATE WELL COMPLETED: 04 26 88

Depth of Well: 340 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL": HO-88-0501

OWNER: Wendling (last name) James (first name)

STREET OR RFD: 9359 Guilford Rd TOWN: Guilford

SUBDIVISION: SECTION: LOT:

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	FEET TO	Check if water bearing
Topsoil	0	2	
Br. Sandstone	2	5	
Lt. Br. Sandstone	5	8	
Tan Sandstone	8	80	
Flint	80	85	✓
Gray Sandstone	85'	220	
Flint	220	225	✓
Gray Sandstone	225	340	

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

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 46

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box): yes Y / no N

TYPE OF GROUTING MATERIAL: CEMENT CM / BENTONITE CLAY BC

NO. OF BAGS 8 NO. OF POUNDS 800

GALLONS OF WATER 40

DEPTH OF GROUT SEAL (to nearest foot): from 0 ft. to 19 ft. (enter 0 if from surface)

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

MAIN CASING TYPE: ST | Nominal diameter top (main) casing (nearest inch): 6 | Total depth of main casing (nearest foot): 25

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

SCREEN RECORD
screen type or open hole insert appropriate code below: ST STEEL, BR BRASS BRONZE, HO OPEN HOLE, PL PLASTIC, OT OTHER

C2

EACH SCREEN: 1: HO, DEPTH (nearest ft.) 25 to 340

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK from to

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.) LOG INDICATOR | WQ OTHER DATA

C3

PUMPING TEST
HOURS PUMPED (nearest hour): 3

PUMPING RATE (gal. per min. to nearest gal.): 5

METHOD USED TO MEASURE PUMPING RATE: Bucket

WATER LEVEL (distance from land surface): BEFORE PUMPING 47; WHEN PUMPING 200

TYPE OF PUMP USED (for test): A air, P piston, T turbine, C centrifugal, R rotary, O other (describe below), J jet, S submersible

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO): NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX-SEE ABOVE:

CAPACITY: GALLONS PER MINUTE (to nearest gallon)

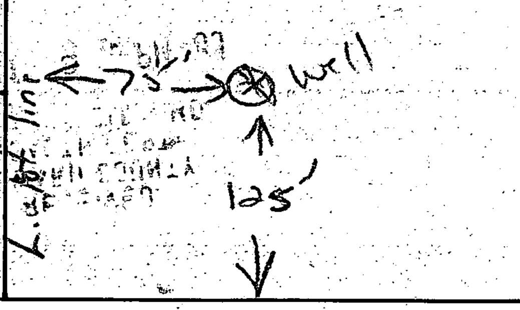
PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height): + above / - below LAND SURFACE: 1 (nearest foot)

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)

N



COUNTY

MAR 20 A 2

4-27-89

Page ______ of ______

Date ______

8:00

Review OK 5/16/89 CW

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

see George for directions

Well Permit No. HO - 88-0501

Location of property (road) 9359 Guilford Rd

Subdivision ______ Lot ______ Block ______ Plat ______ Sec. ______

Well Driller Easterday Owner J. Wendling

Depth of well 340 2GPm

Distance of measuring point (M.P.) above ground 1 FOOT

Static water level (S.W.L.) below M.P. 9 FEET

I. High rate pumping -- reservoir drawdown

Time pump started 8:15 Pumping rate 12 GALLONS/MIN. Pump was set at 300

Total time 20 MIN. to reach pumping water level 95 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~~ 1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:35	95 FEET	12 SECONDS	N/A	5 GALLONS
8:50	95 FEET	12 SECONDS		5 GALLONS
9:05	95 FEET	12 SECONDS		5 GALLONS
9:20	95 FEET	12 SECONDS		5 GALLONS
9:35	95 FEET	12 SECONDS		5 GALLONS
9:50	95 FEET	12 SECONDS		5 GALLONS
10:05	95 FEET	12 SECONDS		5 GALLONS
10:20	95 FEET	12 SECONDS		5 GALLONS
10:35	95 FEET	12 SECONDS		5 GALLONS
10:50	95 FEET	12 SECONDS		5 GALLONS
11:05	95 FEET	12 SECONDS		5 GALLONS
11:20	95 FEET	12 SECONDS		5 GALLONS
11:35	95 FEET	12 SECONDS		5 GALLONS
			N. R. Haines Jr. 04.27.89	

HD-224

7-14-89 Before 2pm

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

BUILDING PERMIT #25440

New Installation ✓ Receipt # 44509
Replacement ____ Date 6-13-89

Name of Installer WOOD & WILLOUGHBY PLUMBING SERVICE Telephone 381-4823

License Number MD 7040
Certified Well Pump Installer ____ Well Driller ____ Registered Plumber ✓

Name of Property Owner JAMES WENDLING Telephone 604-3059
Subdivision GUILFORD AREA Lot # ____ Well Tag # HO-88-0501
Site Address ~~5829~~ 9359 GUILFORD RD COLUMBIA

Pump
1. Type
   a. Deep well jet ____
   b. Shallow well jet ____
   c. Submersible ✓
2. Make GOULDS
3. Model # 5E05412
4. Capacity 5 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 TIES

Motor
1. Horsepower 1/2
2. RPM 1750
3. Voltage ____
   a. 110 ____
   b. 220 ✓

Pitless Adapter
1. Make GOULDS
2. Model # PITLESS
3. Depth 4' COVER

Tank
1. Capacity 31.8
2. Pressure relief valve? 75 PSI

Piping
1. Type POLYBUTLENE
2. Size 1"
3. NSF and/or BOCA Code approved YES
4. Depth of supply line 4' COVER

Well data
1. Depth 200 ft.
2. Yield 5 GPM
3. Static water level 60' ft.
4. Will water supply be disinfected by installer? NO

7/14/89 Pitless AT 5.6" well line Same. NO INSIDE WORK Complete. [illegible]

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: Roy A Wood

Date: 6-13-89

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

HD-215

Department of Public Works
BUREAU OF ENGINEERING

William E. Riley, Bureau Chief

February 26, 1988

Mr. James Wendling
7521 Murray Hill Road, Apt. 618
Columbia, MD 21046

Subject: Request for Routine Water Extension
Guilford Road

Dear Mr. Wendling:

Your February 17, 1988 letter was forwarded to this office for review. The drawings for the existing sewer and the documents granting the existing easement to the County have been checked; and it has been determined that you cannot currently qualify for a routine extension.

The existing utility easement is 20-feet wide and the sewer main runs along the center of the easement. Since State health regulations require that we maintain ten feet of clearance between a water main and a sewer main, it is physically impossible to fit a water main into the easement as it currently exists.

There are two options available for providing service to your property. The first is to widen the existing easement to a total width of 30-feet (see attached sheet). If the additional area can be granted at no cost to the County, then we can reconsider your request for a routine extension. However, you will have to bear the cost of having a plat and description for the easement prepared and recorded. In addition, even if the easement is granted, one more requirement must be met before the project can be presented for the approval of the Public Works Board. This is that at least half of the property owners who will be required to pay front foot benefit charges as a result of construction of the water main must concur with the project. There appear to be four affected properties (marked by green X's on the attached sheet), so at least one of your neighbors must agree to the project.

In the event that you cannot meet the requirements for a routine extension, there is a second option which is available to you. This is to petition for service through a Capital Project. Each Fall (usually in September) the County publishes an advertisement in local newspapers requesting petitions for new Capital Projects. Should your request be chosen for inclusion in the Capital Budget, funds will become available and work will begin on July 1 of the following year. Therefore, if you submit your request next fall, the project will commence on July 1, 1989.

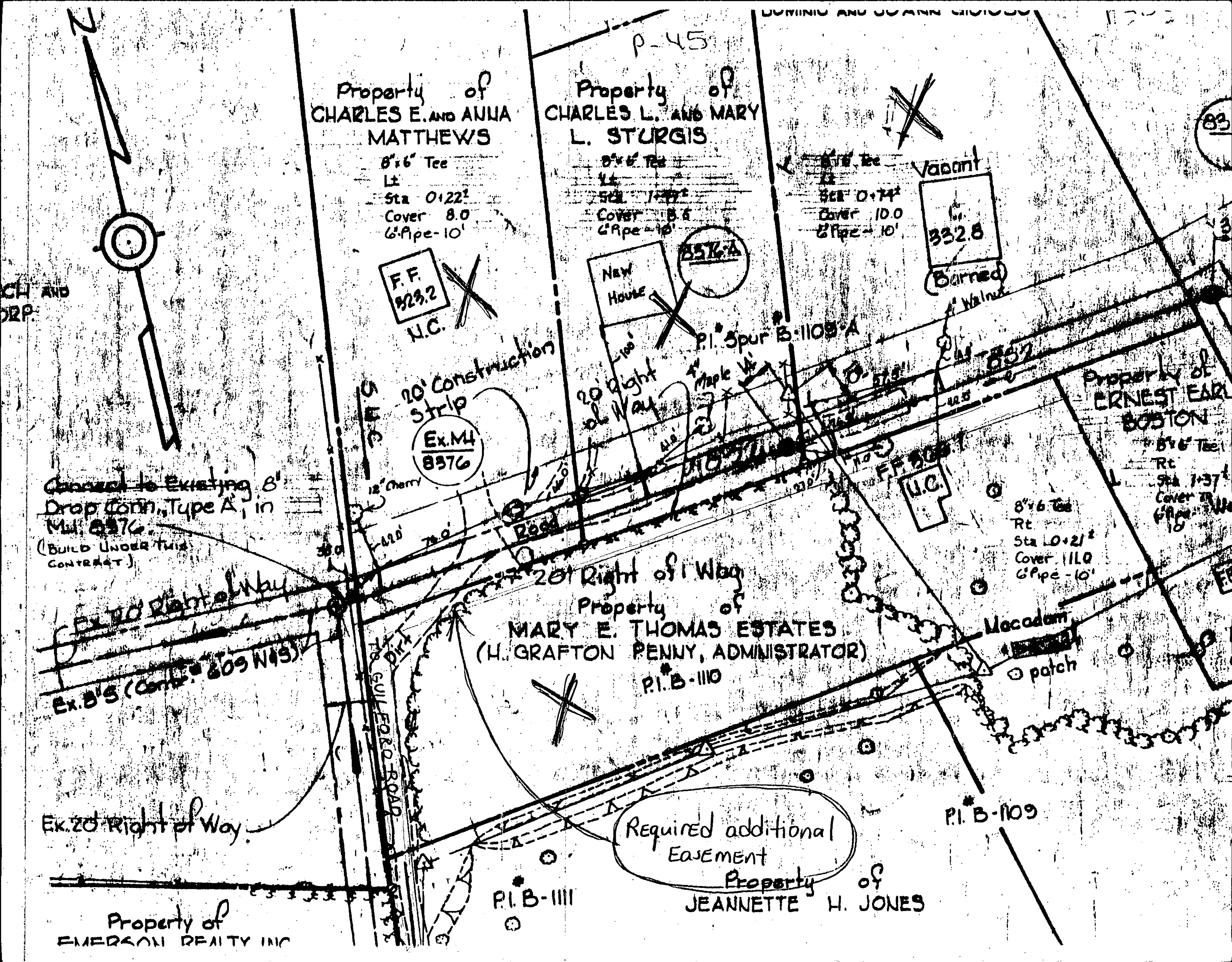
Whether the line is designed and built as a routine extension or as a Capital Project, the duration of the project will be approximately one year. If it is built as a routine extension, the project will commence upon approval by the Public Works Board which meets monthly.

If you have any questions concerning these options, please feel free to call me at (301)992-2070.

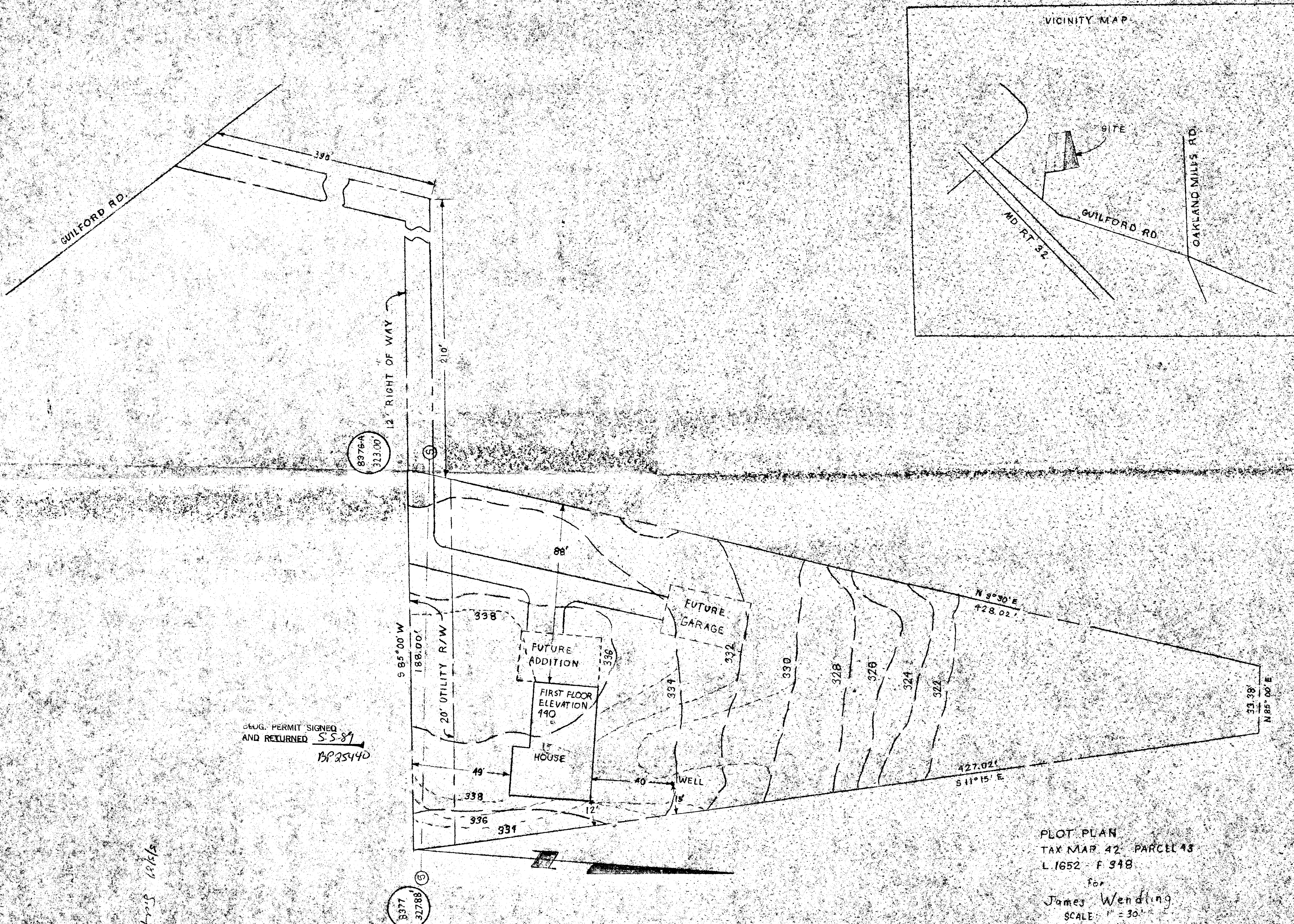
Very truly yours,

Margaret K. Hartka
Utility Design Division
Bureau of Engineering

MKH/nk
Attachment
cc: Ronald G. Lepson



P-45
Property of
CHARLES E. AND ANNA
MATTHEWS
8"x6" Tee
Lt
Sta 0+22±
Cover 8.0
6' Pipe-10'
F.F. 323.2
N.C.
Property of
CHARLES L. AND MARY
L. STURGIS
New House
8376-A
Cover 10.0
Vacant
332.8
Barned
P.I. Spur B-1108-A
20' Construction Strip
Ex.M.H. 8376
20' Right of Way
12" Cherry
Maple
Road
Connect to Existing 8" Drop Conn., Type A, in M.H. 8376
(BUILD UNDER THIS CONTRACT)
Ex. 20' Right of Way
Ex. 8"S (Cont. 609 N-15)
20' Right of Way
Property of
MARY E. THOMAS ESTATES
(H. GRAFTON PENNY, ADMINISTRATOR)
P.I. B-1110
To GUILFORD ROAD
Dirt
Property of
ERNEST EARL
BOSTON
8"x6" Tee
Rt.
Sta 1+37±
FF 30
U.C.
8"x6 Tee
Rt.
Sta 0+21±
Cover 11.0
6' Pipe-10'
Macadam
patch
P.I. B-1109
Ex. 20 Right of Way
Required additional Easement
P.I. B-1111
Property of
JEANNETTE H. JONES
Property of
EMERSON REALTY INC

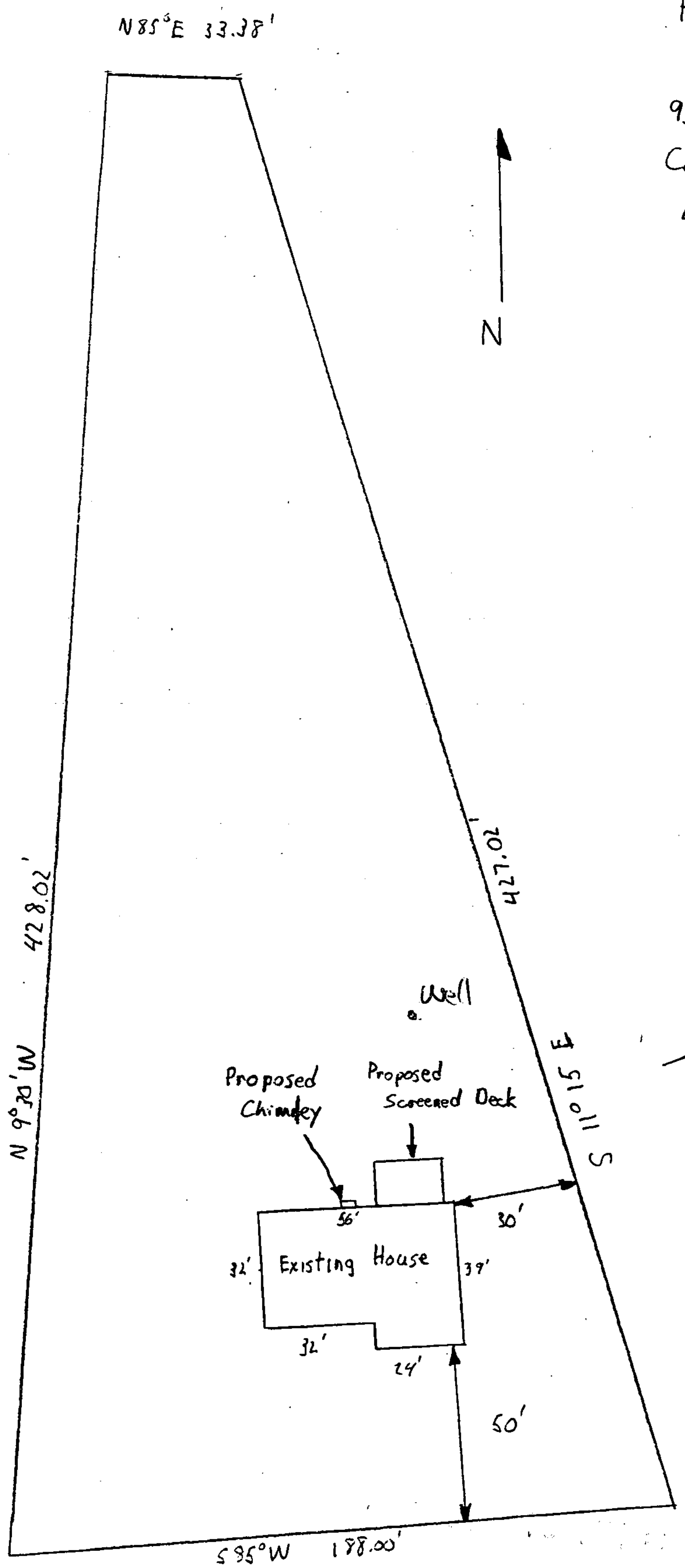


BLDG. PERMIT SIGNED
AND RETURNED 5-5-89
BP25440

PLOT PLAN
TAX MAP 42 PARCEL 43
L.1652 F 348
For
James Wendling
SCALE 1" = 30'
CURRENT TOPO
PROPOSED TOPO

PLOT PLAN
for

9359 Guilford Rd
Columbia, MD 21046
Liber 872, Folio 405-6



BLDG. PERMIT SIGNED
AND RETURNED 9/11/91
Serial #39609 - deck

9/11/91
PLANS or
FOR BLDG
PERMT
39609

SCALE: 1"=50'

PLOT PLAN

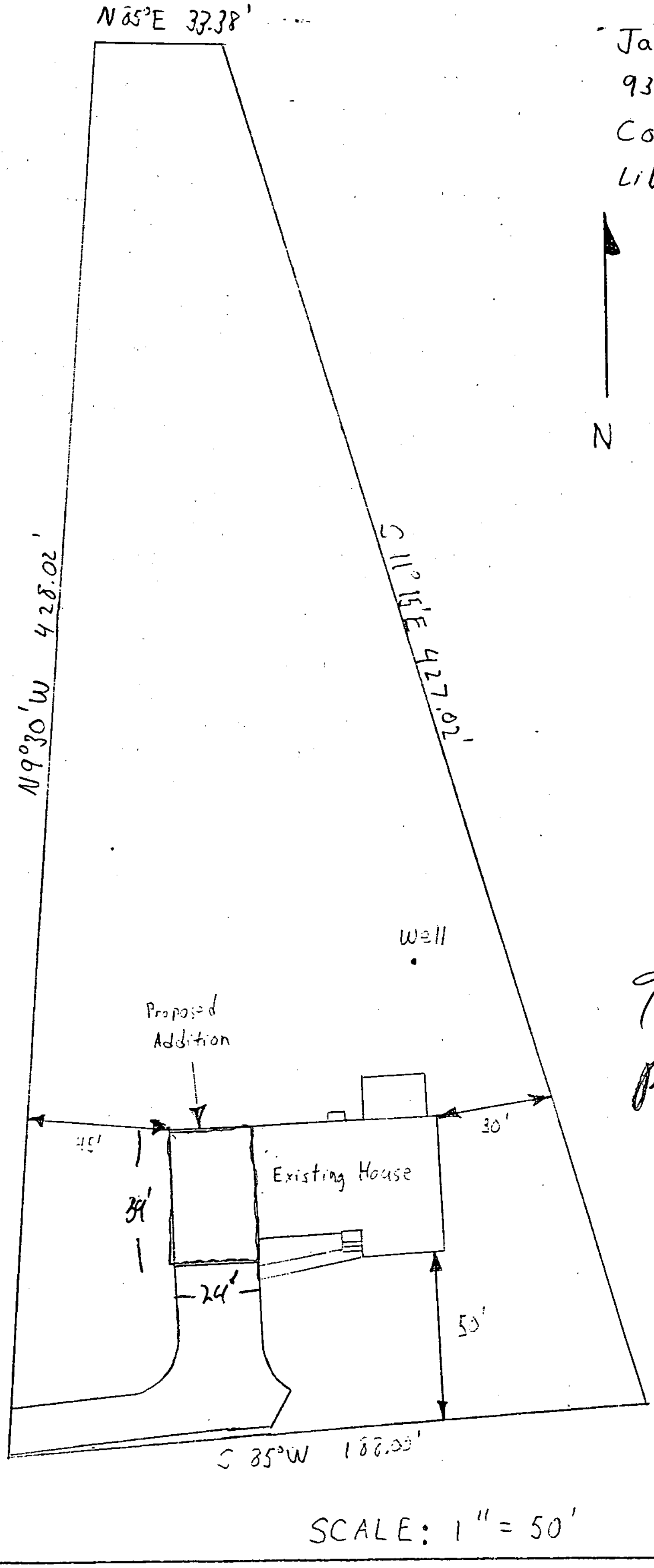
for

James Wendling

9359 Guilford Rd.

Columbia, MD 21046

Liber 872, Folio 405-6



9/22/92
PLANS OK
TO SIGN
BP45512
RH

SCALE: 1" = 50'