

4/10 P.C.O. C.Bel

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

05-378907

P 50588

A REPAIR

DISTRICT 5th

DATE 03/17/95

DATE SYSTEM APPROVED 4/21/95

INSPECTOR C.Bel

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
XX461-9933 313-2640

INDEXED

Malcolm Construction IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE 301-384-9172

SUBDIVISION Williams Contrivance Est. ^{Now Lot 36} LOT 2, Sec. 2 ROAD 9431 Lovat Road

PROPERTY OWNER 3/22 Mex John Brown ← at site + Mr. Malcolm C.Bel

ADDRESS _____

SEPTIC TANK CAPACITY 1000 GALLONS [(New) 10' off garage]

NUMBER OF BEDROOMS 3

SQUARE FEET PER BEDROOM _____

LINEAR FEET OF TRENCH REQUIRED 3/22 Repair to be completed before signing

REPAIR - PURPOSE - IN SUPPORT BUILDING PERMIT APPLICATION NO. 58368 FOR THE NEW ADDITION (2 car garage attached to existing home) C.Bel

NOTE - EXISTING SEPTIC SYSTEM TO BE ABANDON

Call for inspection when ground is opened so sanitarian can recommend and approved the new location and size of the septic system. 03/17/95

3/22/95 Start trenches 5' off septic tank is staked; Run trenches on contour; trench is 4" max depth; 2' wide trenches 5' of stone; 200'± in length; 1" 9 1/2"

PLANS APPROVED BY C.Bel at site for C.M. DATE 3/22/95

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, 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

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 PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

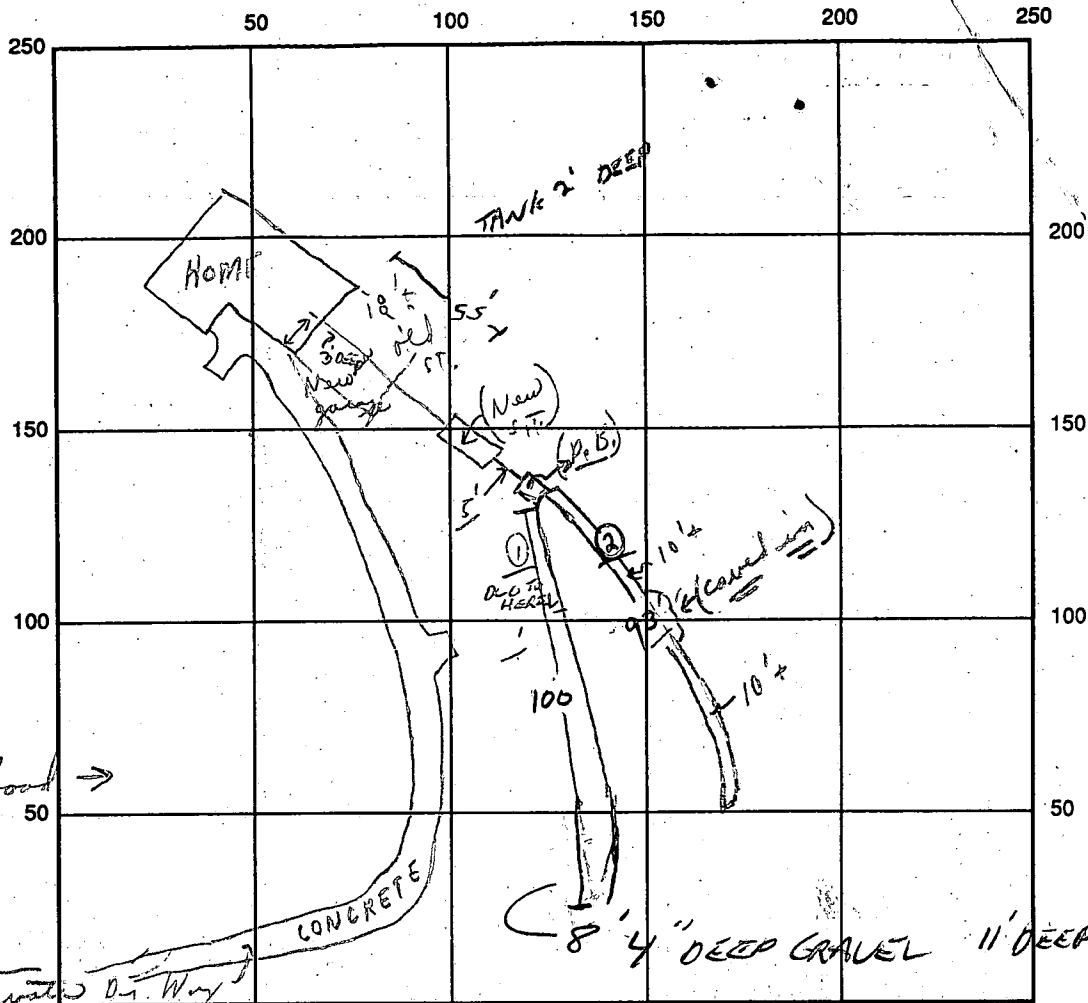
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

P 50588

10:00
4/22/95

4/10/95
C/O ASAP
4-12-95
10:00
4/17/95

4/21 C.O. Late P.M.



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 gal ok-65 *New 4/12/95 - TWO PIECE TANK* CLEANOUTS S.T. OK 4/21/95

DISTRIBUTION BOX LEVEL OK (Baffles) 4/17/95 *BAFFLES IN, OPEN IN CENTER OF MANHOLE*

DRAIN FIELD/TITLE DEPTH 9' FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 193 FT. *{ 100' @ 93' } = 200'*

NUMBER OF TRENCHES 2 ONE SIDEWALL BOTTOM AREA 965[±] SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 965[±] SQ. FT.

REMARKS: MONDAY 4/10/95 OLD SYSTEM TO BE ABANDONED; A.M. (1) Trench, only, ok to stone, etc; C&D (No tank or pipe yet) - Partial C&D
4/11/95 OK to cover house to DB OK to cover trench #1 leave ends open
4/12/95 OLD TANK REMOVED, NEW TANK SET AND LEVEL - MANHOLES WILL BE INSTALLED

SECOND TRENCH STARTED. DB END OF TRENCH 2 IS 9' 3" OK TO CONTINUE - LEAVE FAR END #2 OPEN
STONE TRENCH 2, LEADLE OPEN AT FAR END OPEN TO DAY 4/13 193' TRENCH - CHECK WITH CW - OK
DEPTH AT END TRENCH 2 IS 11' WITH 8' 4" GRAVEL OK TO COVER EXCEPT BOX (NOT COVERED) OR BAFLED

DATE SYSTEM APPROVED 4/21/95 INSPECTOR Charles Bergeron

LEAVE ENDS OF TRENCH 2 OPEN, 8'
4/17 DISTRIBUTION BOX CEMENTED, TRENCH 1 - STONE + MANHOLE OK. OK TO COVER TRENCHES + BOX
NEED TO SEE MANHOLE OR C/O ON TANK, 8' 4/21/95 Final ok to cover as per material

T 36
Sq.Ft.*

WILLIAMS CONTRIVANCE
ESTATES
SECTION 2
PLAT No. 3642

LOT 3
WILLIAMS CONTRIVANCE
ESTATES
SECTION 2
PLAT No. 3642

EXISTING PUBLIC 20'
DRAINAGE AND UTILITY EASEMENT
PLAT No. 3642

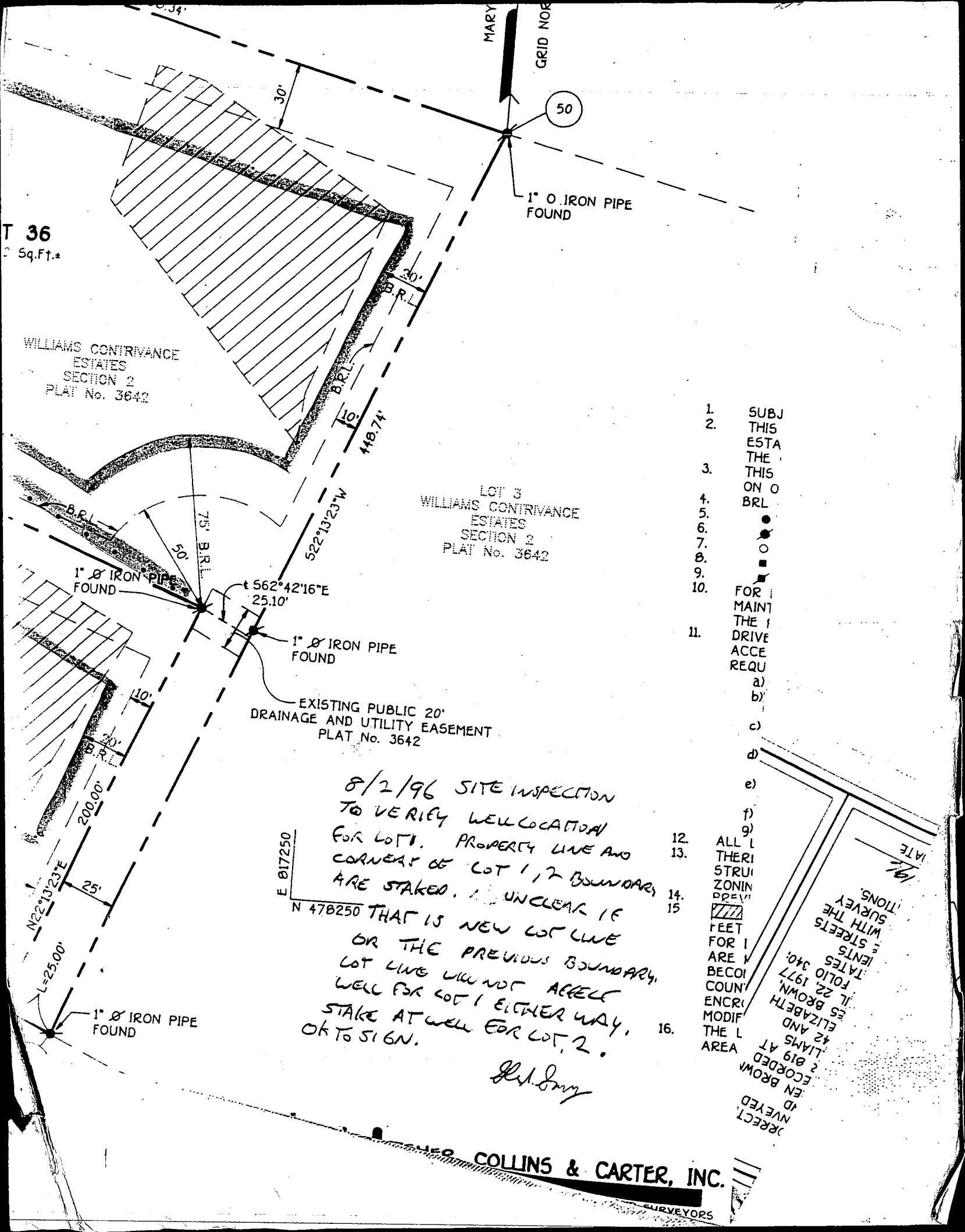
8/2/96 SITE INSPECTION
TO VERIFY WELL LOCATION/
FOR LOT 1. PROPERTY LINE AND
CORNER OF LOT 1, 2 BOUNDARIES
ARE STAKED. IT IS UNCLEAR IF
N 478250 THAT IS NEW LOT LINE
OR THE PREVIOUS BOUNDARY.
LOT LINE WILL NOT AFFECT
WELL FOR LOT 1 EITHER WAY.
STAKE AT WELL FOR LOT 2.
OK TO SIGN.

J.H. Smy

COLLINS & CARTER, INC.

SURVEYORS

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- SURVEY
- ATIONS.
- DATE
- 197



PERMIT

P 27/23

A 24459

12/16/77 app'd F.S.

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5th

INDEXED

DATE 10/27/77

Awkard Septic Tank Service

IS PERMITTED TO INSTALL ALTER

ADDRESS Box 44, Sandy Spring, Maryland

PHONE 421-1093

A SEWAGE DISPOSAL SYSTEM LOCATED AT _____

SUBDIVISION Williams Contrivance Estates

ROAD Ellsworth Drive

LOT 2, Sec. 2

PROPERTY OWNER Malcolm Brothers JOHN & WYN BROWN

ADDRESS _____

SPECIFICATIONS 3 bedrooms

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

SEPTIC TANK CAPACITY 1000 GALLONS

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 22% & TANK CAPACITY 50%.

OTHER DRY WELL - To have 125 sq. ft. effective absorbent sidewall area per bedroom below inlet. Inlet to be 4 ft. below original grade. Maximum depth permitted for dry well is 12 ft. below original grade. Locate dry well 130 ft. from front lot line and 130 ft. from right lot line as seen from Ellsworth Drive.

NOTE: NO DRY WELL IS TO EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

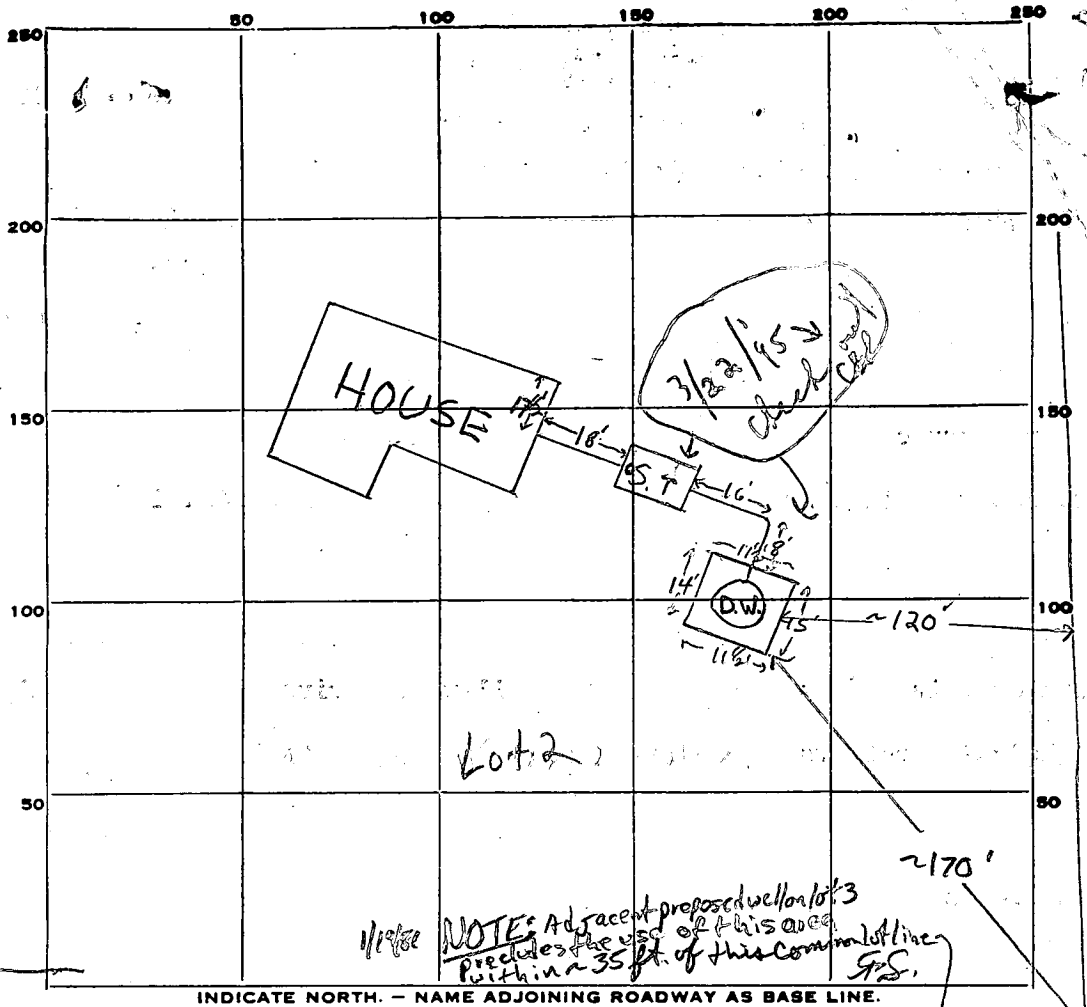
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

PLANS APPROVED BY Charles B. Streaker DATE 4/6/77

FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COMMISSIONERS NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

A 24459



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

NOTE: Adjacent proposed well on lot 3 precludes the use of this area within a 35 ft. of this common lot line S.T.

Reservoir Rd
Lovat Rd

4/10

PERMIT CARD verbal o.k. Lot 3 ^{25'} Well site S.T. D.W.

SEPTIC TANK, LEVEL √ 1000 gal. CLEANOUTS √ √

DISTRIBUTION BOX, LEVEL n.a.

TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

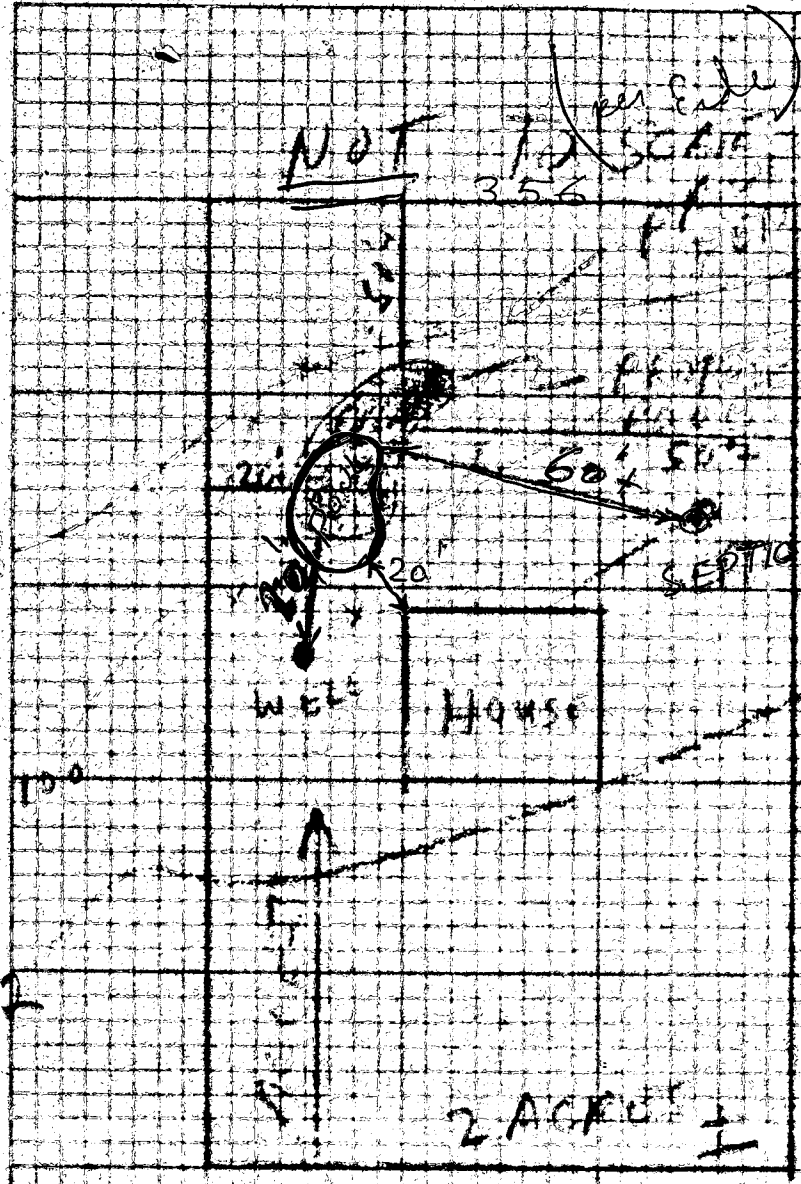
NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

SEEPAGE PITS, ^{OUTSIDE PERIMETER} ~~INSIDE DIAMETER~~ 52 FT. DEPTH BELOW INLET 8 FT.

ABSORBENT AREA ± 416 SQ. FT.

REMARKS 12/16/77 D. Sywell location ~20ft off

DATE SYSTEM APPROVED 12/16/77 INSPECTOR Frank Skinner



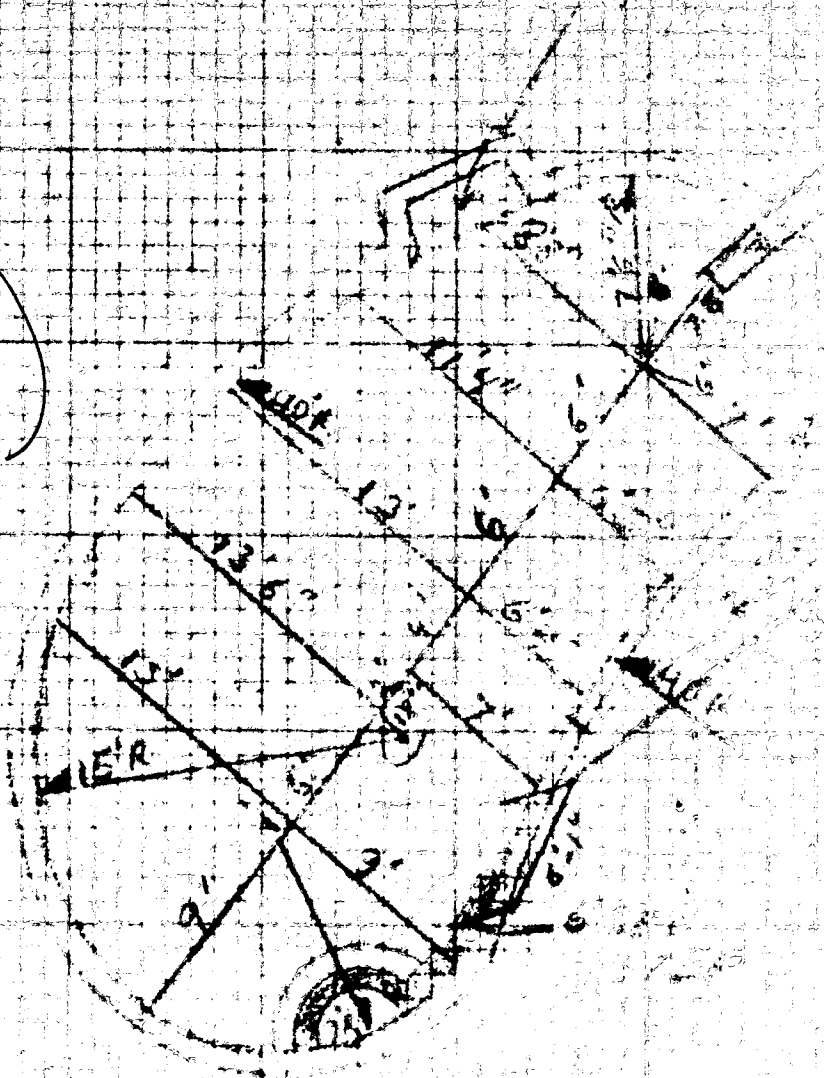
NOT TO SCALE
 356
 (per side)

78
 100

22

OK
 C. B. D.
 9/13/77

WELL
 SET



APPLICATION

A 24459

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE ^{1000 gallons}

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

Septic Tank { 1-3 Bedrooms
4 Bedrooms

DISTRICT 5th

DATE 11/8/76

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

*dry well to have 125 sq ft. effective
absorbant sidewalk area per bedroom below
inlet. Inlet to be 4.0' below original grade and
maximum depth 12'. Location: 130' from front
lot line & 130' from Right lot line AS
seen from Ellsworth Dr.*

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

*Well under name of
Malcolm Bros.*

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

PROPERTY OWNER E. Iager, et al

ADDRESS Fulton, Maryland PHONE 725-2075

PROPERTY LOCATION:

SUBDIVISION Williams Continuance, Sec. 2 LOT NO. #2 Sec. 2

ROAD AND DESCRIPTION off Reservoir Rd - Ellsworth Drive & Lovat Rd.

SIZE OF LOT 52,000 sq. feet TYPE BLDG. 3 OF 5
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 /s/ C. Ellsworth Iager

APPROVED BY C. B. Streaker & H. Benson FOR dry well w/ trench DATE 4/6/77
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

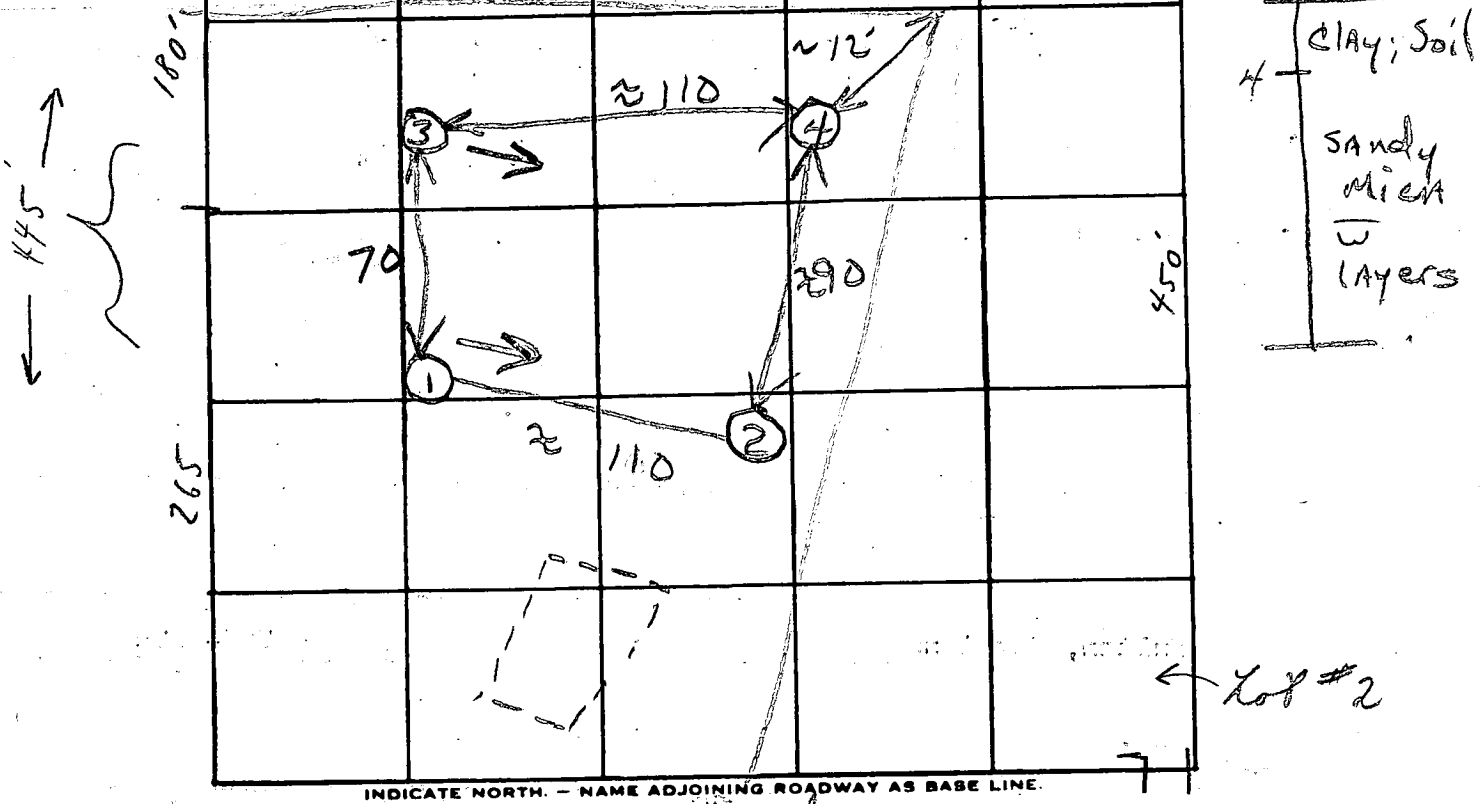
BLDG. PERMIT SIGNED
AND RETURNED 7/28/77

serial no. 32727

THIS IS NOT A PERMIT

356'

385
108



Pessmore Rd

Lowat Rd

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/25/76	1S	4.5	11:12	11:13	11:13	11:14	1	
	1d	12	11:12	11:12 ⁺¹⁵	11:12	11:14	2	
	2S	4.5	11:04	11:06	10:06	10:08	2	
	2d	13	11:04	11:06	10:06	10:08	2	
	4S	5	11:05	11:07	11:07	11:14	7	
	4d	12	11:05	11:07	11:07	11:14	7	
	3V	12.5	Visual similar to					
							6/21	

low
low
high

125 yd
Under 4.5'
4 min

REMARKS open field

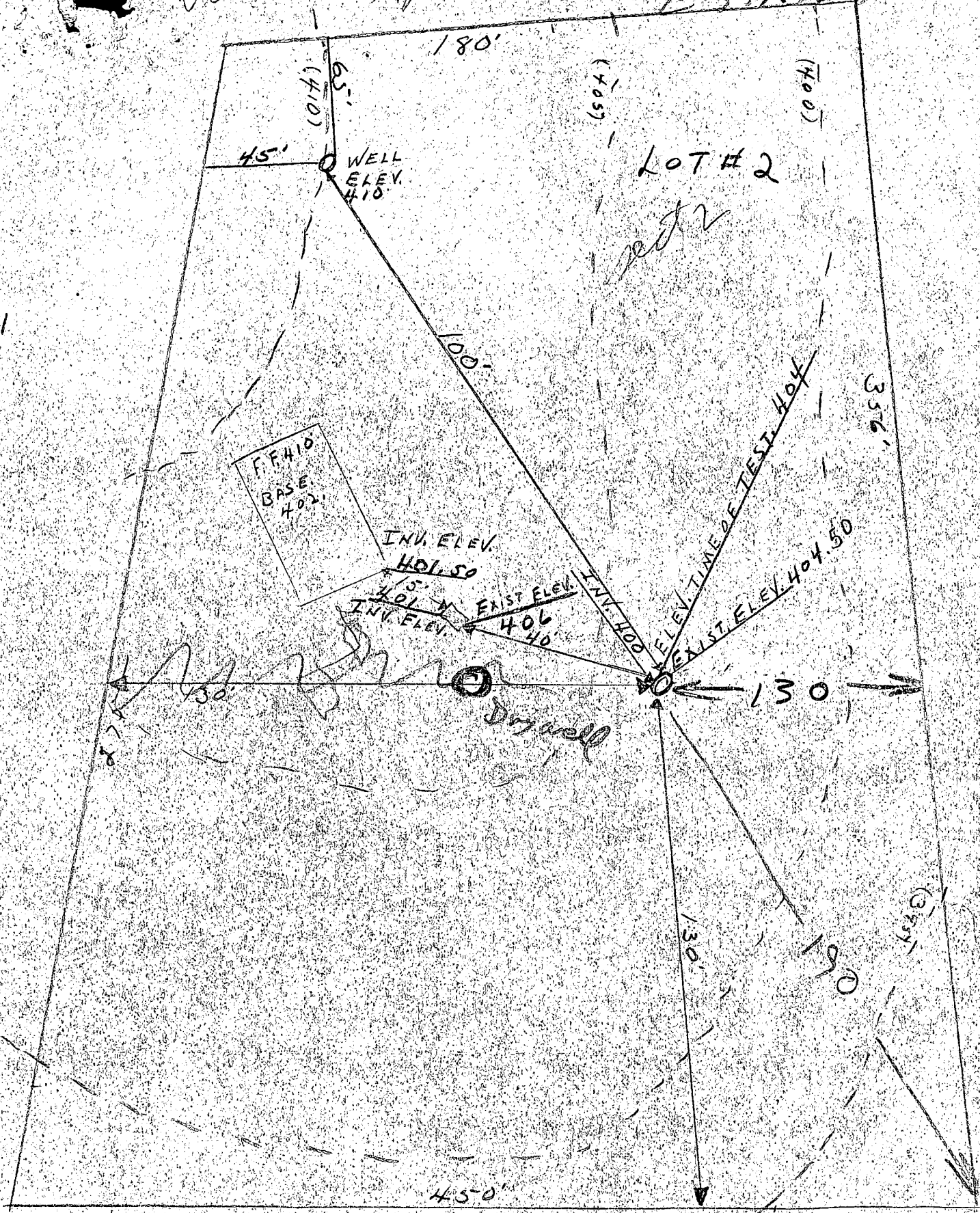
TYPE OF SOIL _____

TESTED BY hal banson ALSO PRESENT: Lyrel & men

WILSON'S CONTRIVANCE ESTATES

LOT 1

LOT #2



APP 7/18/77 scmm

I CERTIFY MEASUREMENTS AND ELEVATIONS ARE CORRECT
 MALCOLM BRAS *Malcolm Bras*

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401
APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER

FILL IN THIS FORM COMPLETELY

A 24459

B 1 (SEQ. NO.) 1
1 2 3 4 5 6
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

SEQUENCE NO. (WRA USE ONLY)

DATE RECEIVED (WRA USE ONLY)
6-6-77
9:30 a.m.

OWNER: McLachlan Bros. Inc.
COL 15 LAST NAME FIRST NAME COL. 34
STREET OR RFD: 2501 Orange Street
COL 36 COL. 55
POST OFFICE: Beltsville Station
COL 57 COL. 76

B 1 CONTINUED DRILLER INFORMATION
1 2 3 (SEQ. NO.) 6
DATE: 4/27/77 LICENSE NUMBER: 92
FIRST NAME: J. Tasterly DRILLER LAST NAME
SIGNATURE: J. Tasterly

B 3 LOCATION OF WELL
1 2 3 (SEQ. NO.) 6
COUNTY: Howard
SUBDIVISION: Wm. & Catherine
SECTION: 2 LOT: 2
NEAREST TOWN: Fulton
MILES FROM TOWN (ENTER 0 IF IN TOWN): 3

B 2 WELL INFORMATION
1 2 3 (SEQ. NO.) 6
MAXIMUM PUMPING RATE (GALLONS PER MINUTE): 12
AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY): 14

B 4 DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)
1 2 3 (SEQ. NO.) 6
N NORTH E EAST NE NORTHEAST SE SOUTHEAST
S SOUTH W WEST NW NORTHWEST SW SOUTHWEST
NEAR WHAT ROAD: Beltsville Rd.
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): S
DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX): 34

USE FOR WATER (CIRCLE APPROPRIATE BOX):
 D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 F FARMING, AGRICULTURE, IRRIGATION
 I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.
 M MUNICIPAL WATER SUPPLY } MUST HAVE STATE HEALTH DEPT. APPROVAL
 P PRIVATE WATER COMPANY }
 T TEST

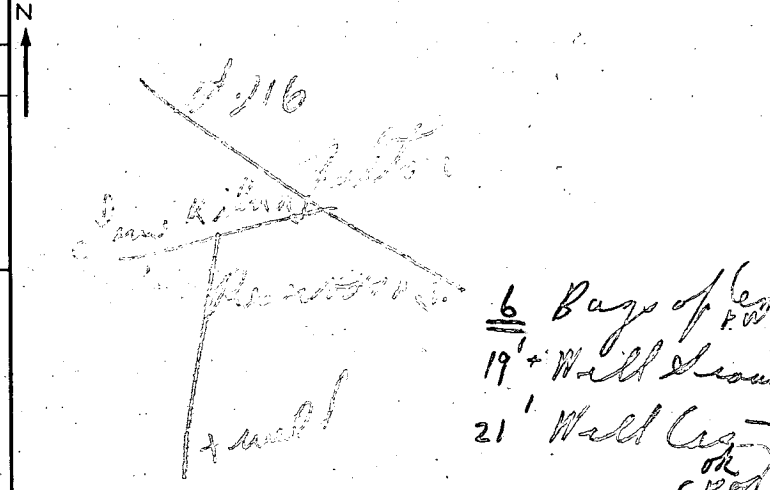
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS, ROADS AND STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW, AND THE BOX NUMBER FROM THE WELL LOCATION MAP.

APPROXIMATE DEPTH OF WELL: 150 FEET

APPROXIMATE DIAMETER OF WELL: 6 (NEAREST INCH)

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)
 BORED (OR AUGERED) JETTED DRIVEN
 AIR-ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY)
 CABLE REVERSE-ROTARY DRIVE-POINT
OTHER (DESCRIBE):

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



NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)
APPROPRIATION PERMIT NUMBER: 54 ENGINEER REVIEW DISTRICT NO.: 63
FORCE: 67 WRITE INITIALS IN BOX: 68 CONDITIONS: 69 A E N S G W Q C L U

BOX NUMBER: 810 870
NORTH COORDINATE: 50 51 52 53 54 55
EAST COORDINATE: 57 58 59 60 61 62 63
ELEVATION AT WELL HEAD (FEET): 65 66 67 68

B 4 CONTINUED HEALTH DEPARTMENT APPROVAL
1 2 3 (SEQ. NO.) 6
STATE HEALTH (CIRCLE BOX): S COUNTY NAME: Howard COUNTY NO.: 23766
DATE: 6/6/77 APPROVED BY: [Signature]

B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)
1 2 3 (SEQ. NO.) 6

C 5935 SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6

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

STATE OF MARYLAND
 WATER RESOURCES ADMINISTRATION
 TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401
 WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER

DATE RECEIVED (WRA USE ONLY)

DATE WELL COMPLETED 6/6/77

DEPTH OF WELL 160 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HU-13-2057

DRILLERS IDENTIFICATION NO. 42

OWNER M. J. ... LAST NAME Buss FIRST NAME Silver Spring

STREET OR RFD 2611 Rockport Church Rd POST OFFICE

WELL DESCRIPTION

WELL LOG

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
Top soil	0	2	
shaly	2	15	
SAND STONE	15	60	✓
MILK	60	160	✓

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) Y N

TYPE OF GROUTING MATERIAL (CIRCLE BOX):
 CEMENT CM BC
 BENTONITE CLAY

NO. OF BAGS 6 NO. OF POUNDS 600

GALLONS OF WATER 65

DEPTH OF GROUT SEAL (TO NEAREST FOOT)
 FROM 0 FT. TO 20 FT.

CASING RECORD

INSERT APPROPRIATE CODE BELOW

STEEL ST CONCRETE CO

PLASTIC PL OTHER OT

MAIN CASING TYPE ST 6 NOMINAL DIAMETER (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 160

OTHER CASING (IF USED)

EACH CASING	DIAMETER (INCH)		DEPTH (FEET)	
	FROM	TO	FROM	TO
1				
2				

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW

STEEL ST BRASS OR BRONZE BR HO HO

PLASTIC PL OTHER OT

C 2 (SEQ. NO.) 6

DEPTH (NEAREST WHOLE FOOT)

EACH SCREEN	FROM		TO	
	8	9	11	15
1	<u>HO</u>			<u>160</u>
2				
3				

SLOT SIZE 1, 2, 3,

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM TO

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX F F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)

TELESCOPE CASING T T

LOG INDICATOR L L

OTHER DATA AVAILABLE O O

C 3 (SEQ. NO.) 6

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 2

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 6

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL: (DISTANCE FROM LAND SURFACE)
 BEFORE PUMPING 30 (NEAREST FOOT)
 WHEN PUMPING 160 (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX)
 AIR P PISTON T TURBINE
 C CENTRIFUGAL R ROTARY O OTHER (DESCRIBE BELOW)
 J JET S SUBMERSIBLE

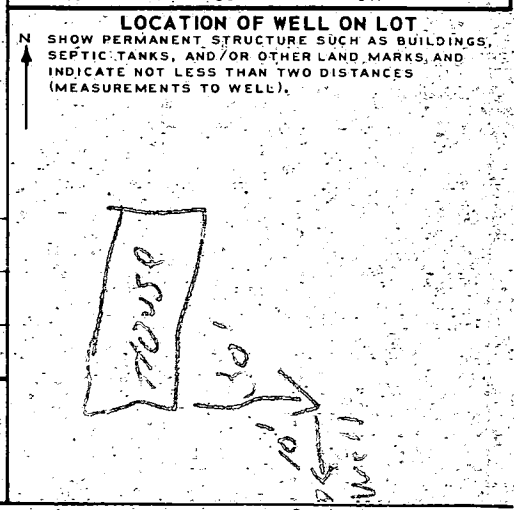
PUMP INSTALLED

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

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) Y N

CAPACITY:
 GALLONS PER MINUTE (TO NEAREST GALLON)
 PUMP HORSE POWER
 PUMP COLUMN LENGTH (NEAREST FOOT)

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)
 ABOVE } LAND SURFACE (NEAREST FOOT)
 BELOW }



CIRCLE APPROPRIATE BOXES

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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME

(PLEASE PRINT)

SIGNATURE

C1 2345 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)

COUNTY NUMBER A-24459

DATE RECEIVED DATE WELL COMPLETED 04 29 87 DEPTH OF WELL 120 (TO NEAREST FOOT) PERMIT NO. HC-81-2910

OWNER JOHN + B WEN STREET OR RFD 1431 LOVAT DR. TOWN FULTON SUBDIVISION WILLIAMS CONTRIVANCE SECTION 2 LOT 2

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Rows include TOP SOIL, Clay, Shale, Mica schist, Mica.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 9 NO. OF POUNDS 900

CASING RECORD casing types insert appropriate code below MAIN CASING Nominal diameter Total depth

OTHER CASING (if used) diameter depth

SCREEN RECORD screen type or open hole insert appropriate code below

DEPTH (nearest ft.) HO 32 120

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"

DRILLERS IDENT. NO. 40 DRILLERS SIGNATURE SITE SUPERVISOR

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

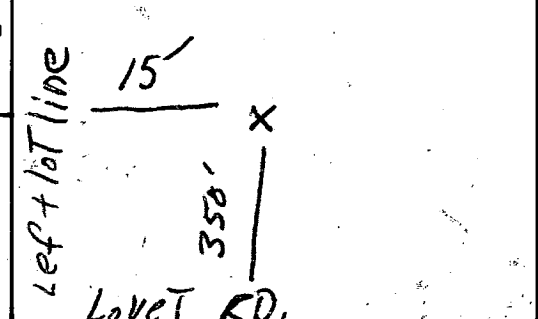
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL/INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 8 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 30 WHEN PUMPING 120 TYPE OF PUMP USED (for test) A air

PUMP INSTALLED DRILLER WILL INSTALL PUMP YES NO IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS



B 1 7685

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

OEP PERMIT NUMBER

4/29/87 10AM (1) NO-81-2010

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

Date Received

8 13

OWNER INFORMATION

BROWN JOHN B GLEN

9431 LOVET RD

FULTON MD 20759

B 3

LOCATION OF WELL

HOWARD

WILLIAMS CONTRIVANCE

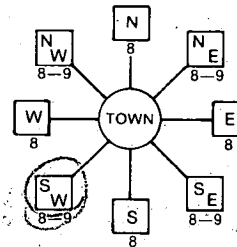
SECTION 2 LOT 2

FULTON

MILES FROM TOWN (enter 0 if in town) 2 MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



9431 LOVET RD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 250 37 DISTANCE FROM ROAD

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)
(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 250 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

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)

APPROX. PERMIT NUMBER GAP

FORCE (BN) WRITE INITIALS IN BOX PERMIT No. NO-81-2010

SPECIAL CONDITIONS

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

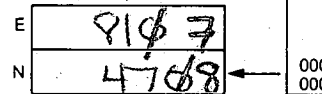
HOWARD COUNTY NAME A24459 COUNTY NO.
OEP SIGNATURE B Nelson STATE HEALTH SIGNATURE
DATE ISSUED 10/06/87
CO SIGNATURE EXP. DATE
NORTH GRID 478000 EAST GRID 0817000

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

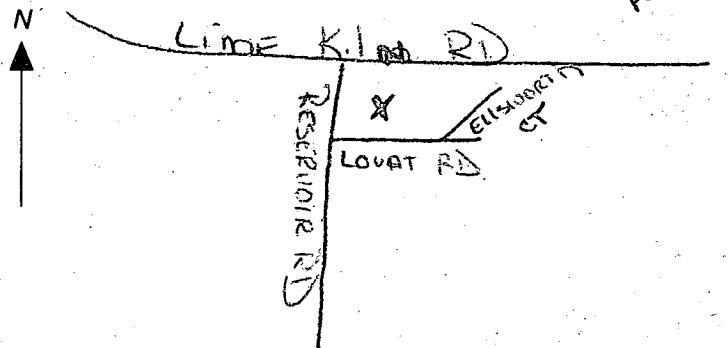
SOURCES OF DRILLING WATER

- 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



WILLIAMS CONTRIVANCE EST.

SEC. #2

LOT 2 HS. TO OLD WELL - 43'

J & BROWN

OLD WELL TO NEW WELL - 75'

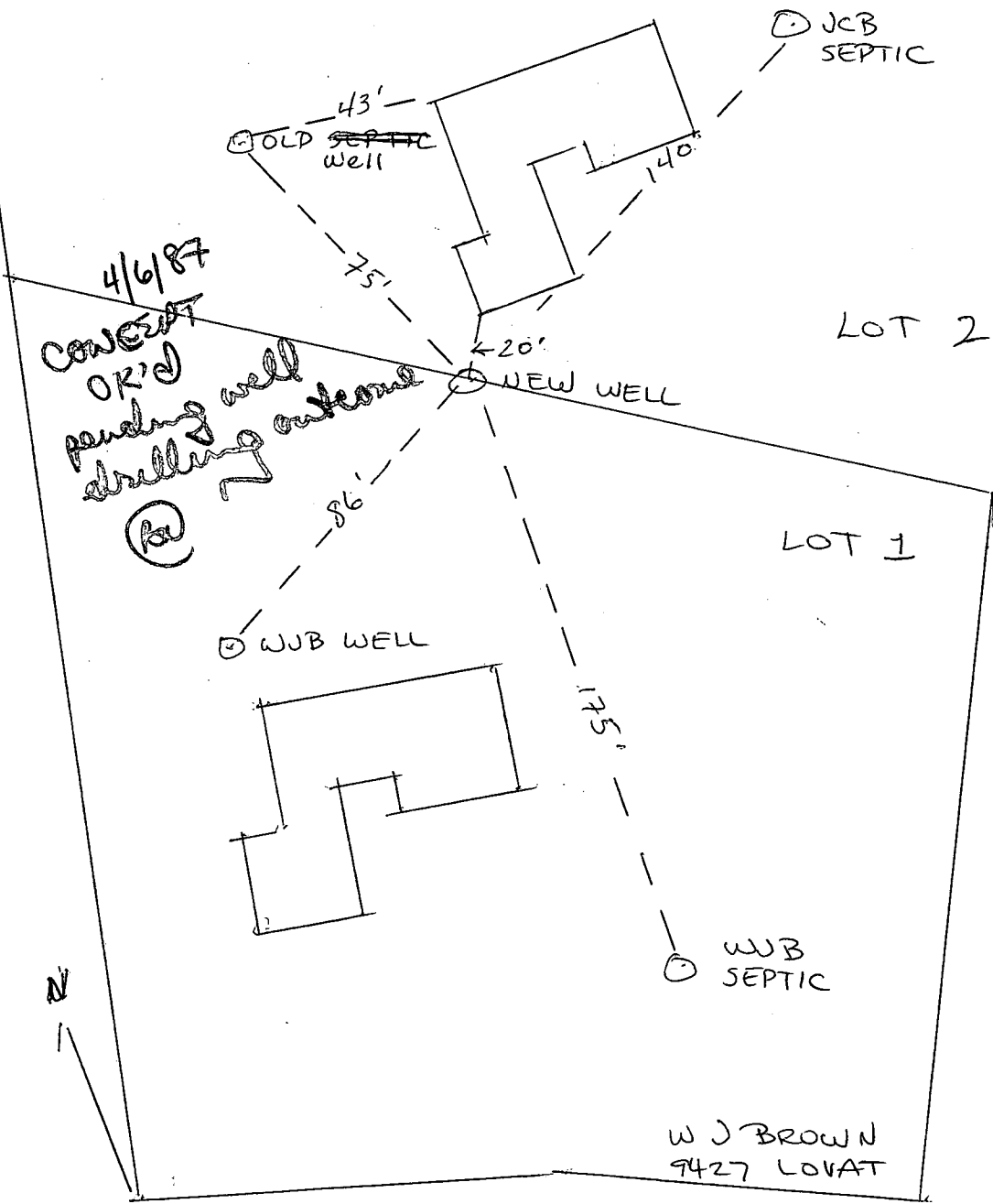
9431 LOVAT

LOT 2 HS TO NEW WELL - 20' (SEE LETTER)

LOT 1 WELL TO NEW WELL - 86'

NEW WELL TO LOT 1 SEPTIC - 175'

NEW WELL TO LOT 2 SEPTIC - 140'



September 17, 1986

Environmental Health
Howard County
Ellicott City MD

Dear Sirs:

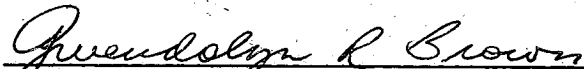
We, the owners of Lot 2, Williams Contrivance Estates, Fulton, MD, are going to have a well drilled on a spot which is on our existing property line.

If we hit water in this well, we have the consent of the adjacent landowners, Walton J. Brown, Cleo Doreen Brown, and John C. Brown (Lot 1, Williams Contrivance Estates, Fulton, MD), [see below] and will move the existing property line over 10 feet (into what is now the landowner's property) in order to provide the required 10 foot easement.

Sincerely,



John C Brown (Co-owner, Lot 2)



Gwendolyn R Brown (Co-owner, Lot 2)

9431 Lovat Road

FULTON MD 20759

301-776-1386 (home)

202-722-6108 (Gwen's work) --

301-791-7000 (John's work) --

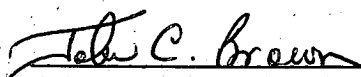
Walton J Brown (Co-owner, Lot 1)

Cleo Doreen Brown (Co-owner, Lot 1)

9427 Lovat Road

FULTON MD 20759

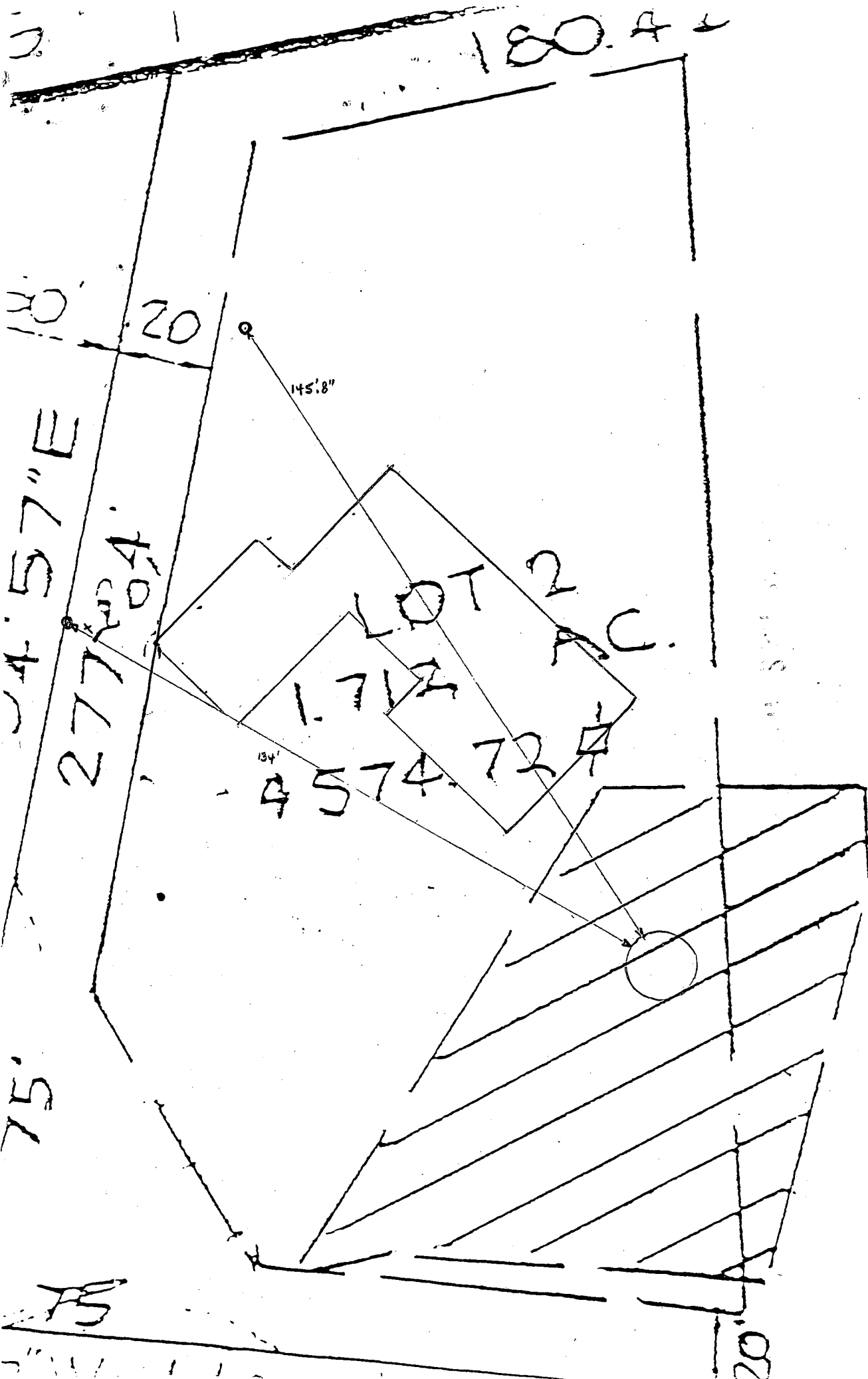
301-776-7303 (home)



John C. Brown (Co-owner, Lot 1)

9427 Lovat Road

FULTON MD 20759



358.34

JOHN C BROWN
 9431 LOYFT ROAD
 FULTON MD 20759
 HOME (301) 776-1386
 WORK (301) 791-7000 or
 638-12.14/5
 WIFE'S WORK (202) 722-6108

600.00
 ENERGY RECOVERY BILLS

THIS DOCUMENT IS NOT A CONTRACT AND DOES NOT REPRESENT THE OFFICIAL RECORD OF ANY TRANSACTION.

EH - 24

HOWARD COUNTY HEALTH DEPARTMENT

Bureau of Environmental Health

Ellicott City, Maryland 21043

Phone: 992-2330

To: A 24459 lot 2, sec. 2

Wm's Contrivance Estates

NOTE: Well site on

lot 3 Wm Cont. Est. is

to be within 20 ft. of
the common lot line between
lots 2 & 3 & ~~150~~ 160 ft.
from rear lot line

From: F. J.

Date: 1/19/81