

1-3-96
CO 3:00
1-6-96
CO ANYTIME

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 5-7597

A 32086

04-350537

DISTRICT 4th

DATE 12/10/96

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~X 461-9933~~ 313-2640

DATE SYSTEM APPROVED 1/6/97

INSPECTOR KM

INDEXED

Barnard Brothers Construction Company, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS 1612 Brittle Branch Way, Woodbine, Maryland PHONE 489-7621

SUBDIVISION Lisbon Estates LOT 4 ROAD 1629 Brittle Branch Way

PROPERTY OWNER Barnard Bros. Construction Ronald + Sally Yates

ADDRESS _____

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

240 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

BLDG. PERMIT SIGNED

AND RETURNED 7-16-98
Serial # BR 112886
dick

BLDG. PERMIT SIGNED

AND RETURNED 2-25-99
Serial # BR 116374
Interior Alteration
Barnard

TRENCHES - Trench to be 3 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Starting from the intersection of the 284.04 and 316.37' lot lines, start first trench 80 feet down the 284.08' lot line and 135 feet from this same lot line. Run trenches along level ground toward right property line as seen when facing lot from road.

NOTES - MAINTAIN AT LEAST 100 FEET FROM THE WELL TO ALL PARTS OF THE SEPTIC SYSTEM. No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 10/23/96 DKS

PLANS APPROVED BY Mark Rifkin REVISED DATE 10/16/96

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

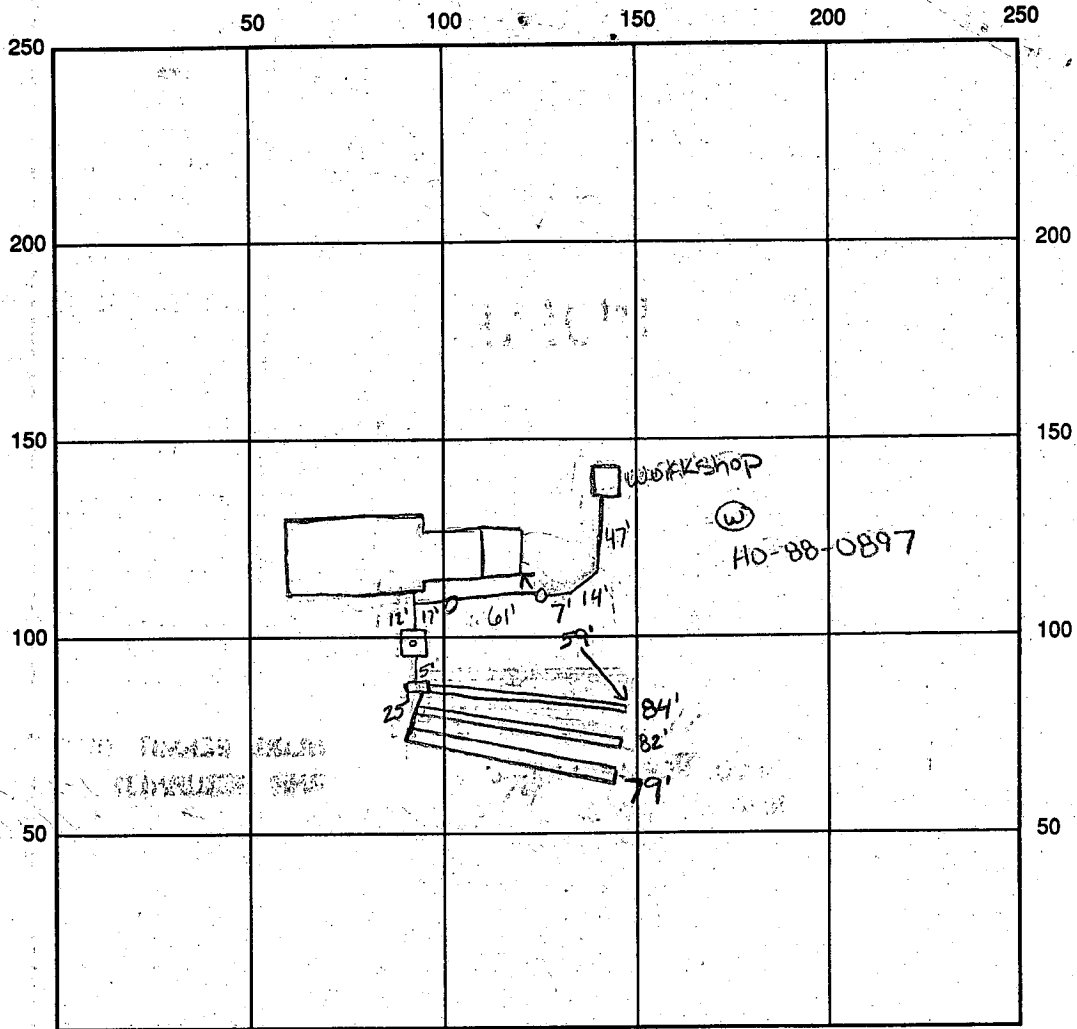
PERMIT VOID AFTER TWO YEARS

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**

A
32086



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE *Brittle Branch Way*

SEPTIC TANK LEVEL OK 1250 gallons CLEANOUTS 3

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH $\begin{matrix} 1 \times 84 \\ 1 \times 82 \\ 1 \times 79 \end{matrix}$ FT. $\rightarrow 245$

NUMBER OF TRENCHES 3 ~~ONE SIDEWALL~~/BOTTOM AREA 735 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

REMARKS: 1/3/97 WPI OK to cover well line, OK to cover everything up to and including
septic tank, no trenches have been dug yet K.M.

1/6/97 OK to cover all work

DATE SYSTEM APPROVED 1/6/97 INSPECTOR Kim Maisto

Preel

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 32084

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE 992-2330

DISTRICT _____

DATE 7-16-82

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 Lawrence Blumberg/Charles Snouffer *BAKWARD Construction*
ADDRESS 2909 Old Court Road, Baltimore 21209 PHONE 574-9300

PROPERTY LOCATION:

SUBDIVISION BLUMBERG Lots 1 through 15 LOT NO. *NEW LOT 4*

ROAD AND DESCRIPTION East of S.R. 94, .5 miles south of Rt. 144 intersection
(1629 Brittle Branch Way) with S.R. 94

SIZE OF LOT 3.33 Acres TYPE BLDG. (S.F. Detached) 4 BR
(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.

Reimer Tracy & Assoc. by Arthur E. Muegg
(SIGNATURE OF APPLICANT)

APPROVED BY *Sid Abel* FOR *Trench* DATE *2-14-85*

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

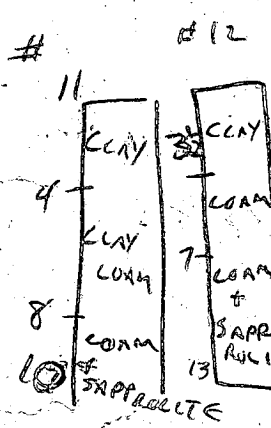
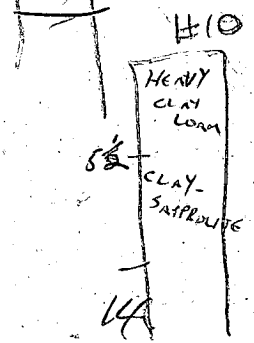
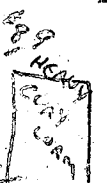
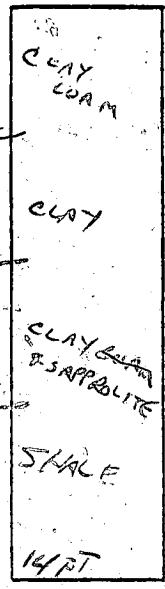
EDG. PERMIT SIGNED
AND RETURNED *10/22/84*
Serial # 67102674
SFD-3 Bmm

THIS IS NOT A PERMIT

LOT 6

HOLE #7

SOIL PROFILE



10.00
10.00

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
8-30-82	7 S ₂	4 1/2'	12:18	12:25	12:25	13:34	9 MIN	OK
	7 S ₃	6 1/2'	12:18	12:25	12:25	13:34	9 MIN	OK
	7 S ₃	10 1/2'	3:00	3:09	3:00	3:26	17 MIN	OK
	7 S ₃	14'	CLAY LOAM TO 4 1/2', CLAY TO 6 1/2', THEN CLAY & SAPROLITE TO 9', SHALE 9-14'					
8-30-82	8 & 9	6'	CLAY		NOT TESTED			XX
8-30-82	10 S	6'	3:28:30	3:29:40	3:29:40	3:36	6 MIN	OK
	M	10'	3:58:10	4:05:30	4:05:30	4:12:30	7 MIN	OK
	V	14'	CLAY TO 5 1/2' FT; THEN LOAM & SAPROLITE		SHALE STARTS AT 8'			
8-31-82	11 S	4 1/2'	12:31	12:52	12:52	1:20	28 MIN	OK
	M	9'	12:31	12:39	12:39	12:56	17 MIN	OK
8-31-82	12 S	4'	12:16	12:25	12:25	12:48	23 MIN	OK
	M	11'	VISUAL OK		LOAM & SAPROLITE			
	V	13'	CLAY TO 3 1/2' THEN LOAM CHANGING TO		SAPROLITE			
8-31-82	13	11'	VISUAL - CLAY TO 4' THEN LOAM & SAPROLITE					
12/14/89	14 U	13'	CLAY TO 4.5' - SAPP. FREQ 30-35%		YELLOW B. S. H. LOAM TO 13'			

(Handwritten note in a circle)
T = 16 min

REMARKS TIMES OK BUT LOTS OF SHALE MIXED WITH CLAY

TYPE OF SOIL CLAY / SAPROLITE / SHALE

TESTED BY C. Williams

ALSO PRESENT UBO VANDERVAEK
LARRY DERHOFF

DATE

APPLICATION

SEWAGE DISPOSAL TESTING

A 32086

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT _____

P O BOX 473 ELLICOTT CITY MARYLAND 21043
TELEPHONE 992-2330

DATE 7-16-82

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 Lawrence Blumberg/Charles Snouffer
ADDRESS 2909 Old Court Road, Baltimore 21209 PHONE 574-9300

PROPERTY LOCATION:

SUBDIVISION BLUMBERG Lots 1 through 15 LOT NO. 6
ROAD AND DESCRIPTION East of S.R. 94, .5 miles south of Rt. 144 intersection
with S.R. 94

SIZE OF LOT 3.33 Acres TYPE BLDG. (S.F. Detached) 4 BR
(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.

Riemer-Tracy & Assoc. by Arthur E. Muegg
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

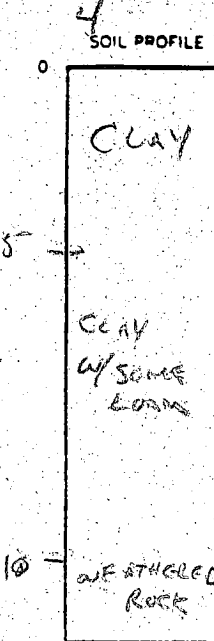
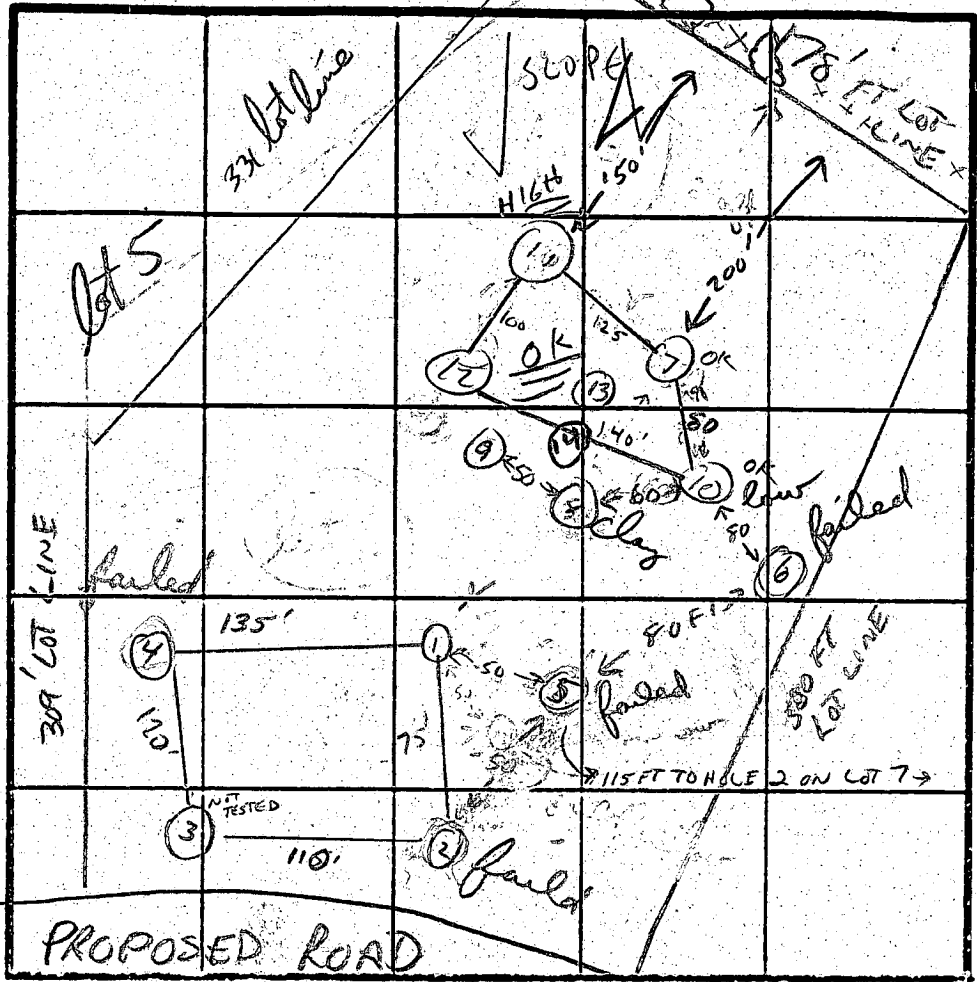
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

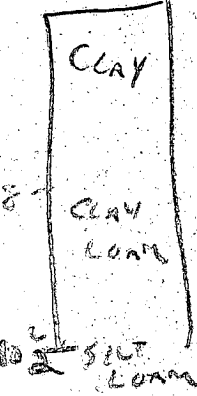
THIS IS NOT A PERMIT

LOT 6



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

1 + 2



DATE	TEST NO	DEPTH	PRE-WET		TEST - 1" DROP		TIME		
			START	STOP	START	STOP			
8-26-82	1 (S) M	5 16 1/2	12:21	12:28	12:28	12:41	13 MIN	FAILED SHALLOW	
8-26-82	1 (A) V	6 1/2	3:05					FAILED CLAY	
8-26-82	2 (S) M	5 11	12:40	12:40	1:20	FAILED		FAILED	
	V	CLAY						TO 11'	
8-26-82	3 (S) M	DID NOT TEST BECAUSE ADJACENT HOLES FAILED							
	V	CLAY / SOME LOAM TO 10'							
8-26-82	4 (S) M	5 10 1/2	12:12 12:10	12:35	12:35	1:10	1:10	FAILED SHALLOW FAILED	
8-30-82	5 (S) M	14 15	11:24 11:24	11:32	11:32	11:49	17 MIN	FAILED SHALLOW	
	5 (S) M	5 6 1/2	12:17	12:17	12:33	12:33		FAILED SHALLOW X	
	6 (S) M	5 9 1/2	12:28 12:32:40	12:33	12:33:05	12:45 12:33:50	12 MIN	OK SHALLOW TOO FAST X FAILED DEEP	

REMARKS

TYPE OF SOIL CLAY - CLAY SAND LOAM - SHALE AFTER 10 FT.

TESTED BY C. Wilbur

UBO VANDERURK
LARRY DECHOFF

ALSO PRESENT

lot 7

C1 1045 SEQUENCE NO. (DENV 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-2076

ST/CO USE ONLY DATE RECEIVED 05 23 97

DATE WELL COMPLETED 11 01 09

Depth of Well 135 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 10-88-0897

OWNER FRANK OWENS last name ROBERT OWENS first name TOWN JESON SUBDIVISION LINDEN ESTATES SECTION LOT 4

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 (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes handwritten entries for Top Soil, Hard Sand, Hard Gravel, etc.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 13 NO. OF POUNDS 1000

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch) 11 Total depth of main casing (nearest foot) 70

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 PL PLASTIC HO OPEN HOLE OT OTHER

C2 DEPTH (nearest ft.) 1 10 2 18 3 185

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 26.04.04 "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. 2775

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

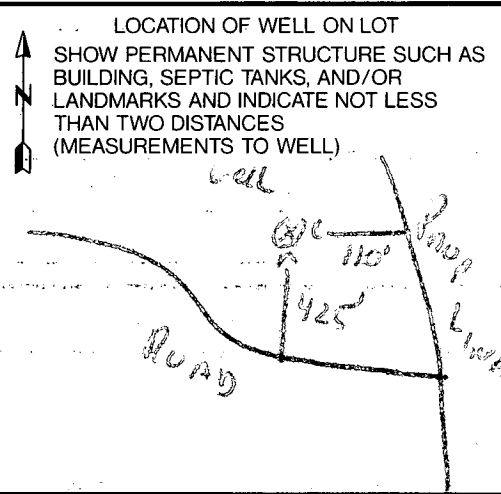
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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.) W Q 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

C3 PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 10 METHOD USED TO MEASURE PUMPING RATE Hand WATER LEVEL (distance from land surface) BEFORE PUMPING 27 WHEN PUMPING 29 TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

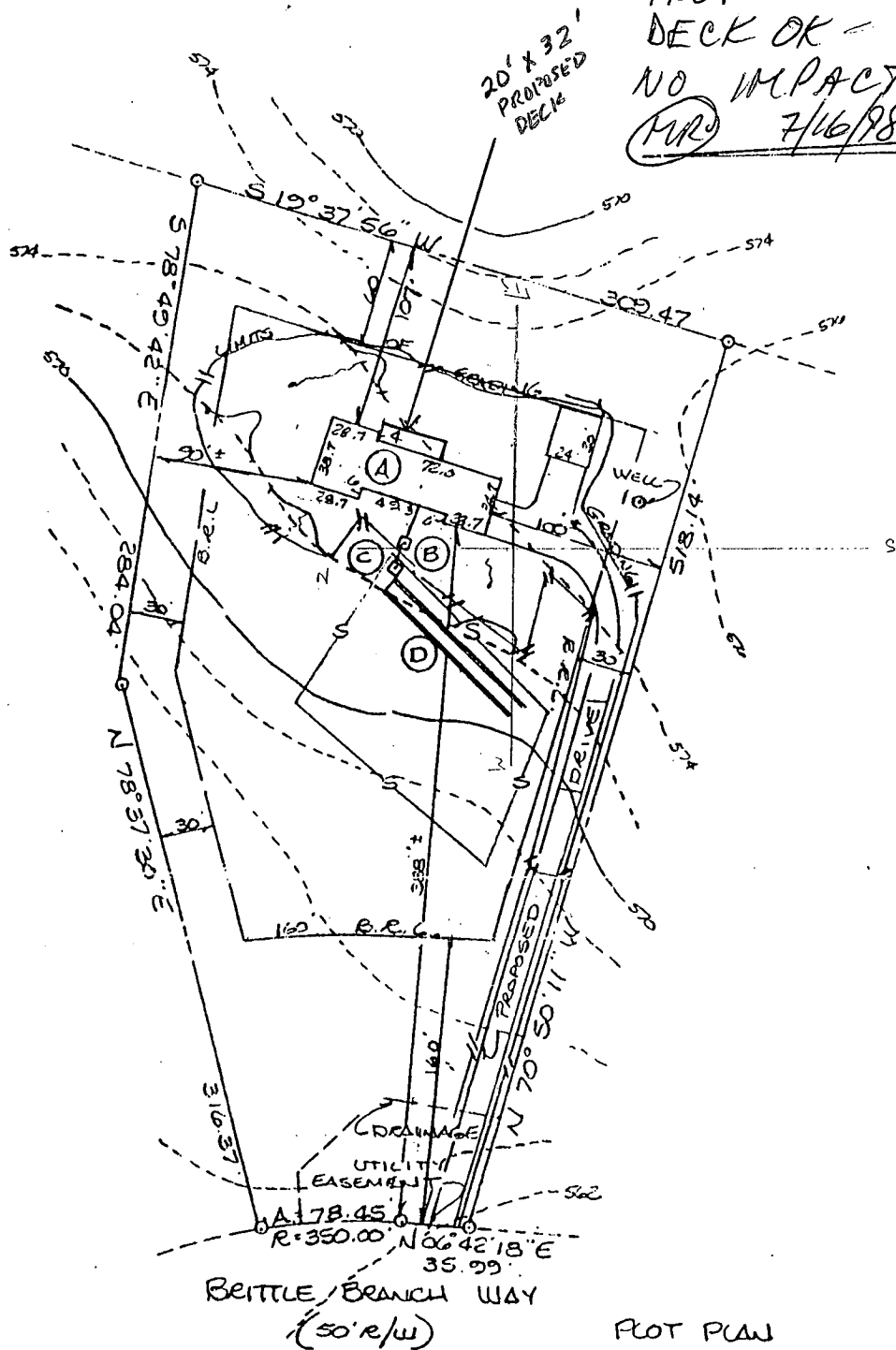
PUMP INSTALLED DRILLER WILL INSTALL PUMP YES (NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) (+) above () below LAND SURFACE (nearest foot) 2



COUNTY

- (A) = PROP. 4 BED. HOUSE
FF. ELEV. = 577.0
BSMT ELEV. = 570.3
INV. ELEV. = 569.1
- (B) = PROP. SEPTIC TANK
EX. ELEV. = 573.0
INV. IN = 569.2
INV. OUT = 568.9
- (C) = PROP. DIST. BOX
EX. ELEV. = 572.4
INV. ELEV. = 569.7
- (D) PROP. TRENCHES
INV. ELEV. = 568.4
3' STONE, 7' BOTTOM MAX.
LENGTH TO BE DETERMINED
AT TIME OF SEPTIC PERMIT
ISSUANCE.

PROPOSED WNW-
DECK OK -
NO IMPACT
MRD 7/16/98



PLOT PLAN
LOT 4, SECTION 1
LISRON ESTATES
SITUATED ON BRITTLE BRANCH WAY
ELECTION DISTRICT No 4
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' OCT. 1996



I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND RECORDS OF Howard COUNTY, MARYLAND, AS REFERENCED HEREON.

NASSAUX - HEMSLEY, INC.

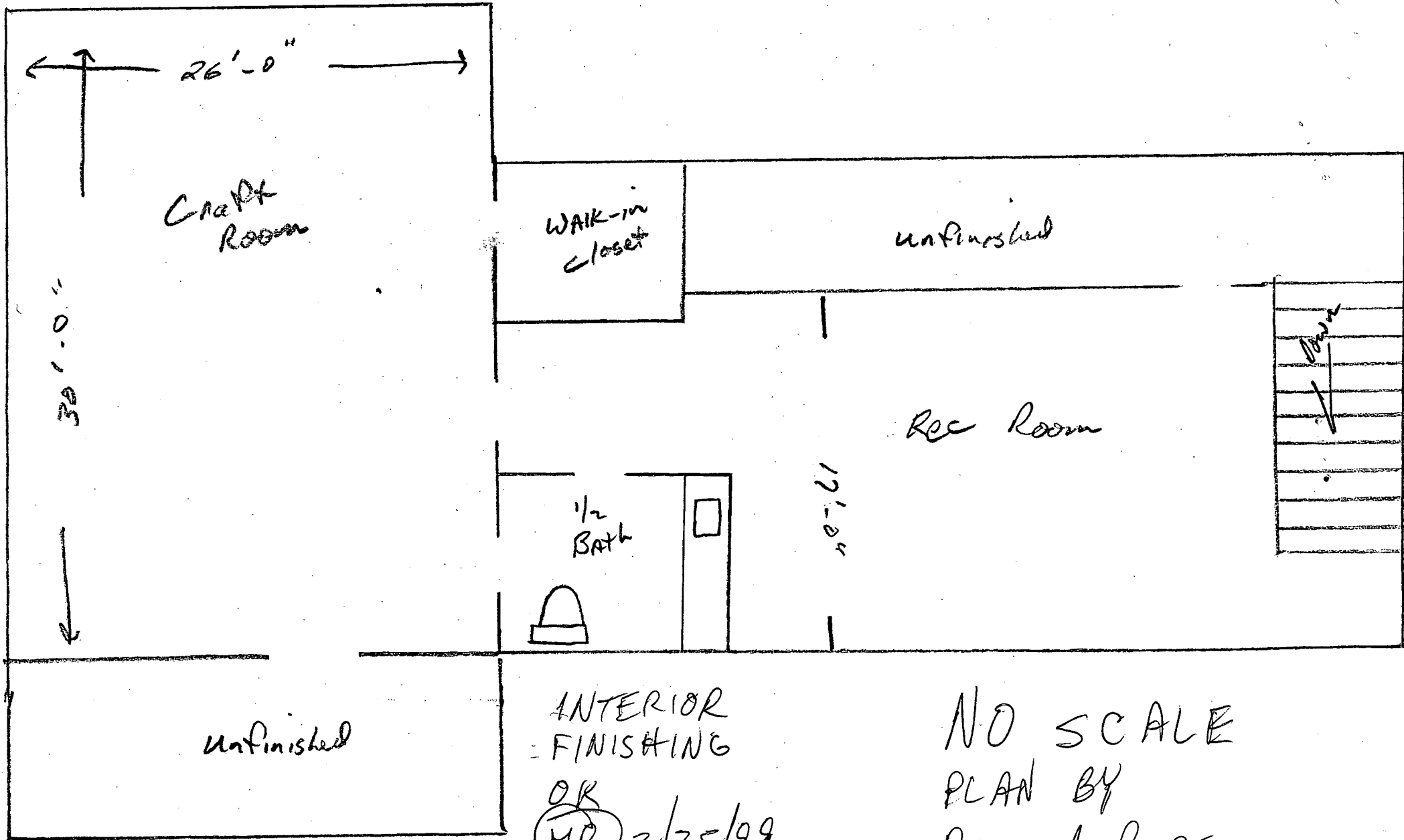
204 S. MAIN STREET
MOUNT AIRY, MARYLAND

301-829-2296

21771

NT7725

REFERENCE	JOB NO.
PLAT No 9448	905Y 0805



Unfinished

INTERIOR
FINISHING
OK
MR 2/25/99

NO SCALE
PLAN BY
Barnard Bros.
2/99