

2/12/99 - AM & PM
2/13/99 1300

Tax # 04353668

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 511958-A

A 42742

DISTRICT _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXX~~ 410-313-2640

DATE 6/18/99

DATE SYSTEM APPROVED 7/13/99

INSPECTOR S.R.K.

INDEXED

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 4410 Salem Bottom Road, Westminster, MD 21157 PHONE 410-875-4197

SUBDIVISION Chessie Crossing LOT 28 ROAD 778 Chessie Crossing Way

PROPERTY OWNER James & Palmer Kerwin

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - Trench to be 3 feet wide. Inlet 4 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 - Place the distribution box 380 feet from the front lot line and 130 feet from the left or west side line as seen when facing the lot from Chessie Crossing Way. Run trenches along contour in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

OK SRK 5/14/99

PLANS APPROVED BY Raymond Hodges/Amy McMillen DATE 4-26-1999

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.

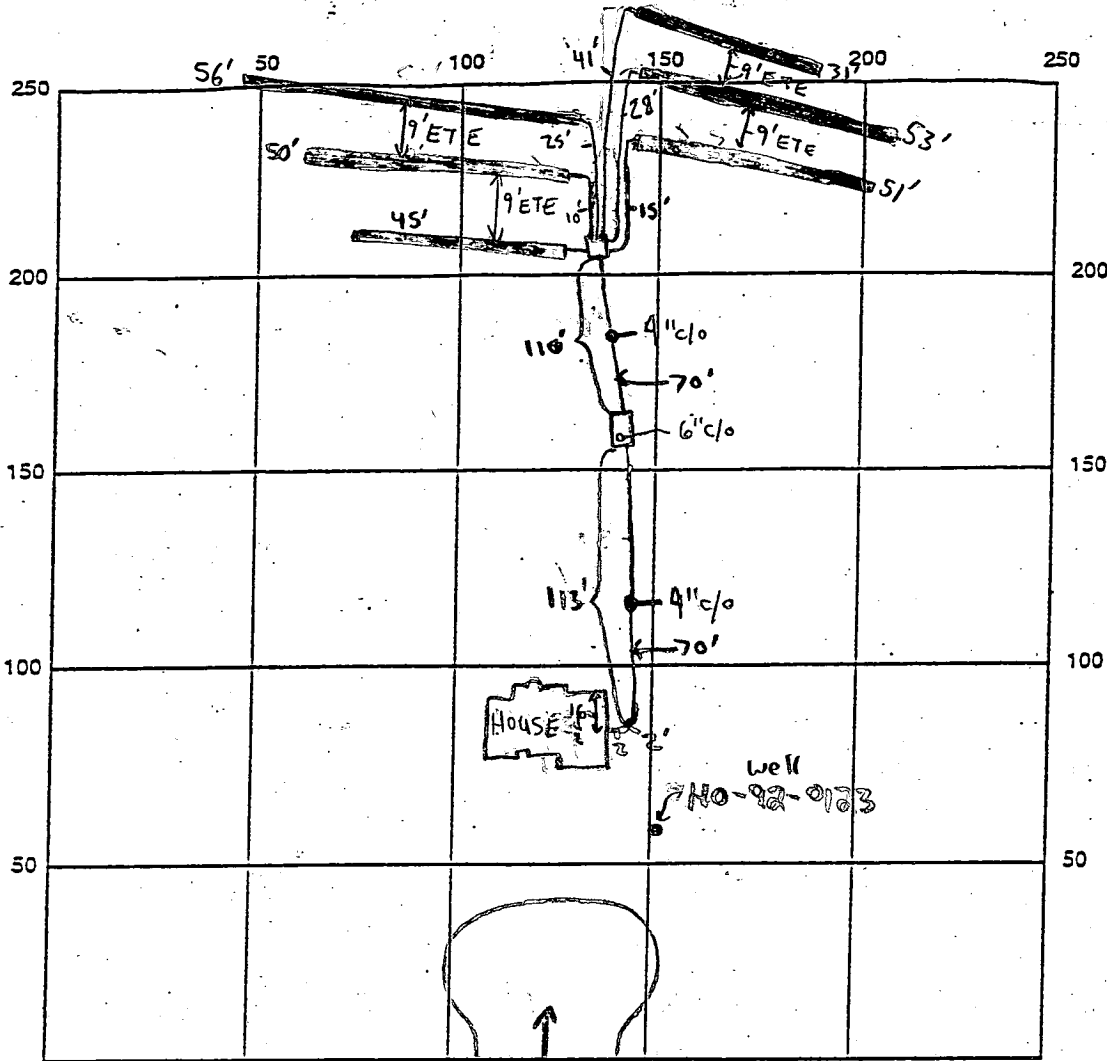
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BUILDING PERMIT SIGNED AND RETURNED
5202
BOU 135917-DECK

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

***CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.**

42742



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
CHESSIE CROSSING WAY

SEPTIC TANK LEVEL 1500 gallon top seam CLEANOUTS 2-4" line @ Tank

DISTRIBUTION BOX LEVEL Baffle is in

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

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 286 FT.

NUMBER OF TRENCHES 6 ONE SIDEWALL/BOTTOM AREA 858 SQ. FT.

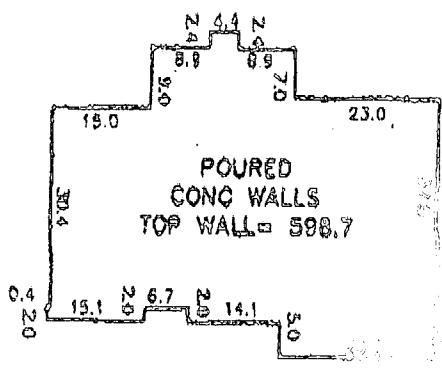
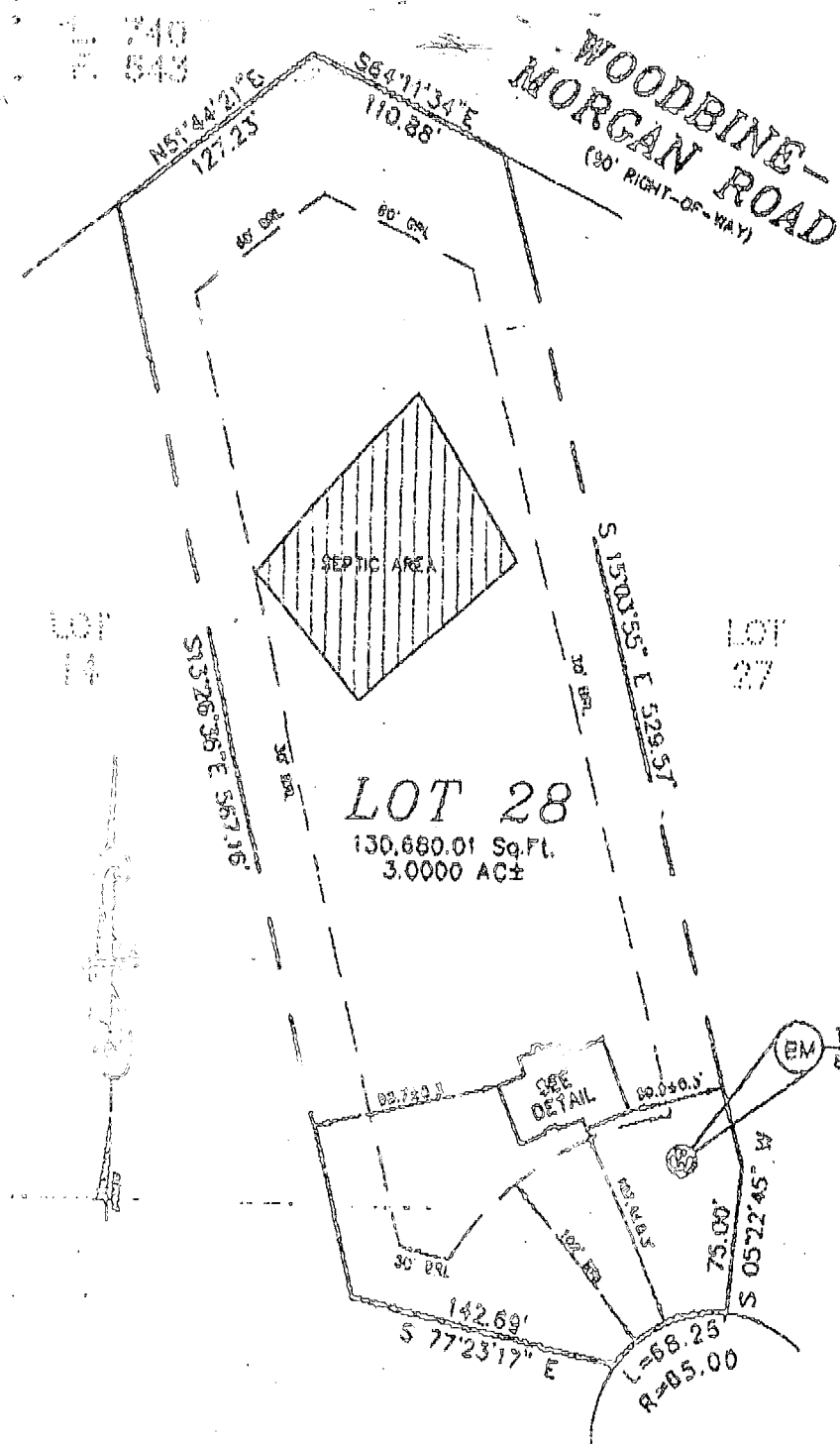
DRYWALL INSIDE DIAMETER N/A FT. EFFECTIVE DEPTH BELOW INLET N/A FT.

ABSORBENT AREA N/A SQ. FT.

REMARKS: 7/12/99 - OK TO CONTINUE WORK - (SRK) 7/12/99 - OK TO CONTINUE WORK & COVER

TRENCHES (SRK) 7/13/99 OK TO COVER ALL WORK (SRK)
AND RETURN

DATE SYSTEM APPROVED 7/13/99 INSPECTOR Steven R. Krieg



DETAIL
SCALE: 1" = 30'

House shifted
30' toward
front of court
No impact to
well or septic
6/18/99-SRK
Wall Check
OK

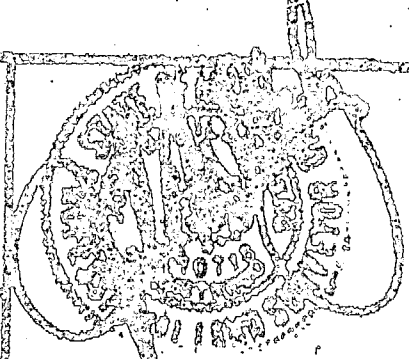
**CHESSIE
CROSSING
WAY**
(30' RIGHT-OF-WAY)

- LEGEND**
- O/H = OVERHANG
 - A/C = HEAT PUMP/AIR COND
 - G/M = GAS METER
 - E/M = ELECTRIC METER
 - CHM = FIREPLACE
 - B/W = BAY WINDOW
 - D/W = DRIVEWAY
 - CONC = CONCRETE
 - S = CONCRETE STOP

LOT 28
CHESSIE CROSSING
LOTS 19 - 28 SECTION 2
PLAT NO: 10463
ELECTION DISTRICT No. 4
HOWARD COUNTY, MARYLAND

ADDRESS:
THE INFORMATION SHOWN HAS BEEN ESTABLISHED BY CURRENT ACCEPTABLE SURVEY PROCEDURES AND FROM AVAILABLE RECORD INFORMATION. THIS DRAWING IS TO BE USED FOR TITLE TRANSFER FINANCING, OR REFINANCING ONLY AND IS NOT TO BE USED FOR THE ESTABLISHMENT OF PROPERTY LINES, LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER EXISTING OR FUTURE IMPROVEMENTS.

**MILDENBERG
BOENDER, & ASSOC., INC.**
Engineers Planners Surveyors
8044 Dorsey Way Suite 202, Annapolis City, Maryland 21048
Tel 410-268-0200 Fax 410-268-0202



JOHN MILDENBERG
PROF LAND SURVEYOR
10718

FOUNDATION	DATE: 03/11/99	FINAL	DATE:
M.E.S.	SCALE: 1"=100'		
PROJECT NO: 9907	LOCATION DRAWING		

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 42742

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P O BOX 470 ELLICOTT CITY, MARYLAND 21043
TELEPHONE 992-2330

DISTRICT 4

DATE August 2, 1988

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 Paul V. & Bong Cha Broseane JAMES + PALMER KEKWIN

ADDRESS 694 Morgan Station Road Woodbine, MD 21797 PHONE 489-4052

PROPERTY LOCATION: Prospective Buyer: Lambert Cissell 442-5671
SE Corner of 3425 Hipsley Mill Rd. Woodbine, MD 21797 28 on Final

SUBDIVISION Chessie Crossing Morgan Woodbine Rd. & Morgan Station Rd. LOT NO. 14

ROAD AND DESCRIPTION New Road = Road A, Tax Map 3, Parcel 4 OLD PERMIT SKIPPED

778 Chessie Crossing Way AND RETURNED 4-26-92
Send #1500116964

SIZE OF LOT 3 acres + TYPE BLDG. single family residence - 4 Bed
(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. James L Newburn (997-3815)
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____
James L. Newburn Agent for Lambert Cissel

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

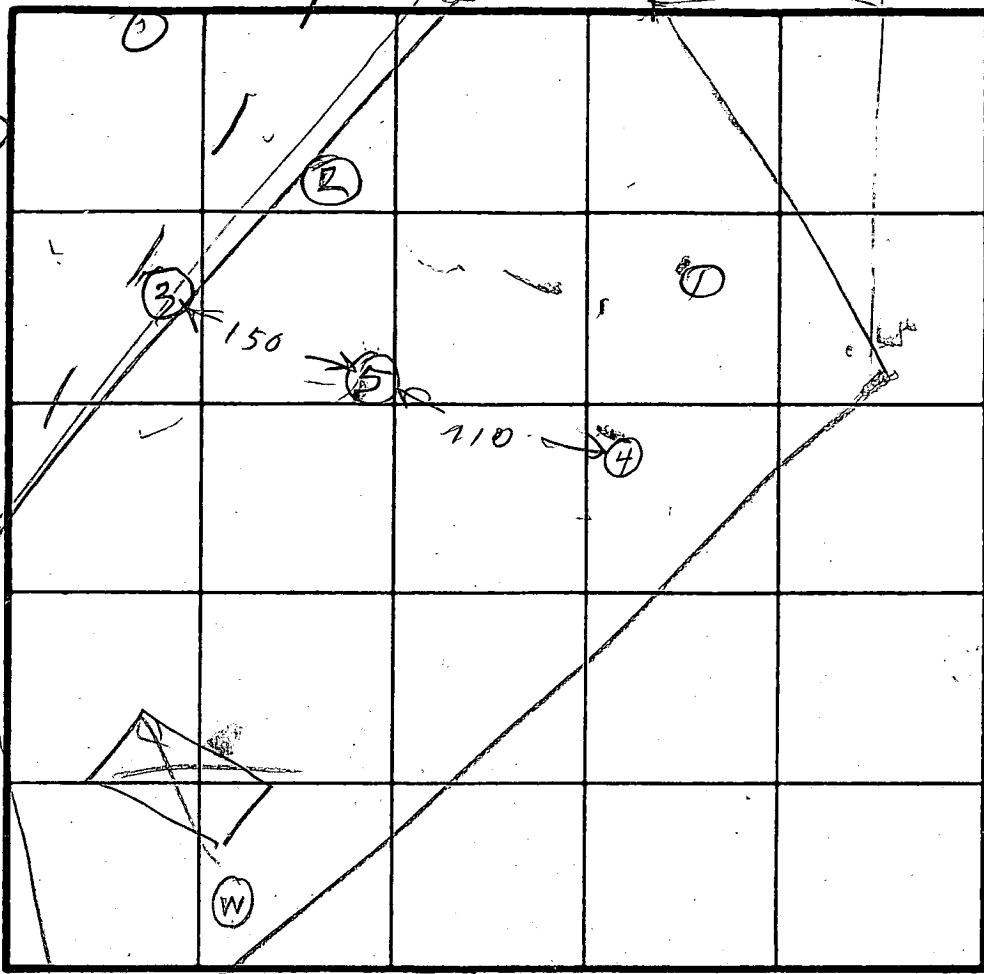
REASONS FOR REJECTION OR HOLDING 12/19/88 HOLD FOR CERTIFIED PLAT BY RH

LOTS TO BE CHANGED SUCCEED BY RH

THIS IS NOT A PERMIT

L214
A42742

PROPOSE NEW LOT LINE



SOIL PROFILE
0
BROWN CLAY
4
PINK BROWN GRANULAR SAND LOAM

4
BROWN CLAY
4
PINK BROWN LUMPY SAND LOAM
100% SHALE FRAGS

5
BROWN CLAY
12
PINK BROWN SAND LOAM
20% SHALE FRAGS
10
HARD

6
BROWN CLAY
3 1/2
PINK BROWN SAND LOAM

ON LINE 2
0
BROWN CLAY
48
PINK BROWN STRUCTURED SAND LOAM
11.5
HARD

ON LINE 3
0
BROWN CLAY TOPSOIL
3
PINK BROWN STRUCTURED SAND LOAM
30% SHALE FRAGS
11 1/2
HARD

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/19/88	1 S	5.5	1107	1108	1108	1108	1
	1 D	12	OK				
	2 S	4.5	1116	1119	1119	12 22	3
	2 D	11.5	OK				
	3 S	4	1149	1156	1156	1207	11
	3 D	8.5	1149	1157	1157	12 20	23
	3 V	11.5	OK				
	4 S	6	1202	1208	1208	1213	5
	4 V	11.5	OK				
	5 V	10	OK				
	6 V	12	OK				

ON LINE
LOTS 14815
ON LINE
LOTS
14815

an
Total
9mm
max
Depth
4 ft

REMARKS _____

TYPE OF SOIL _____

TESTED BY R. HODGES

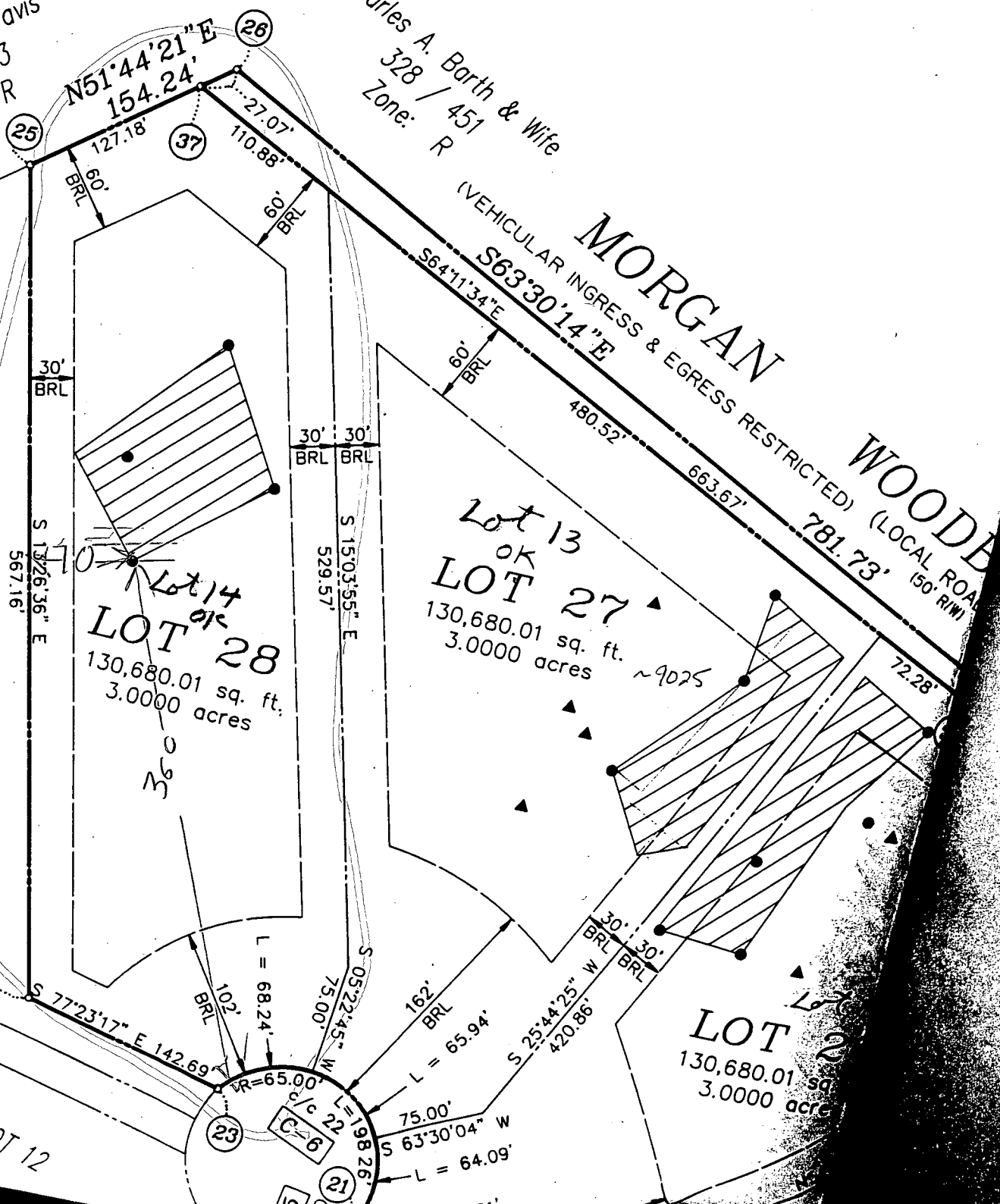
SONNY
ALSO PRESENT O'LETTORMAN PSDW

Chessee Crossing Subdivision
Sheet 2

on Harvey Davis
 740 / 543
 Zone: R

Charles A. Barth & Wife
 328 / 451
 Zone: R

Chessee Crossing
 Section 1
 10T14



Lot 14
 LOT 28
 130,680.01 sq. ft.
 3.0000 acres

Lot 13
 OK
 LOT 27
 130,680.01 sq. ft.
 3.0000 acres

LOT 29
 130,680.01 sq. ft.
 3.0000 acres

MORGAN
 (VEHICULAR INGRESS & EGRESS RESTRICTED)

WOODB
 (LOCAL ROAD 150' R/W)

VR=65.00'
 L=168.26'
 S 63°30'04" W
 L=64.09'
 75.00'
 24.61'

C1 6848

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 42742

ST/COUSE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

Grid for ST/COUSE ONLY DATE Received

080492

400 (TO NEAREST FOOT)

H0-92-0123

OWNER DEVELOPMENT NEIGHBORHOOD STREET OR RFD CHESSIE CROSSING WAY TOWN WOODBINE SUBDIVISION CHESSIE CROSSING SECTION 2 LOT 28

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: Brown shale 0-13, Blue rock 13-400.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC)

NO. OF BAGS 5 NO. OF POUNDS 470 GALLONS OF WATER 30 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft to 19 ft

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

MAIN CASING TYPE SF Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 22

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

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

DEPTH (nearest ft.) 11 20 400

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. 238

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

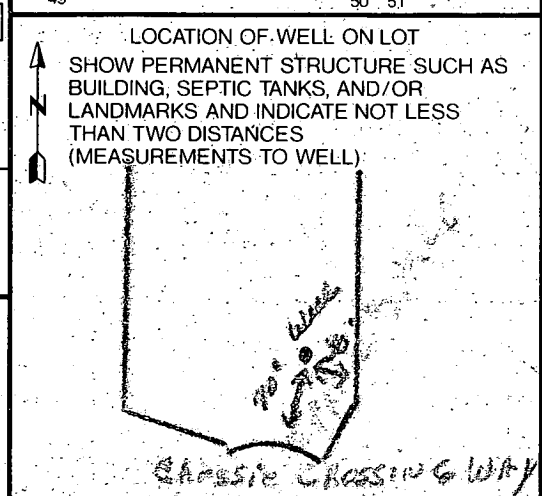
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) TELESCOPE CASING LOG INDICATOR OTHER DATA

C3

PUMPING TEST HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min. to nearest gal.) 12 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 45 WHEN PUMPING 299 TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP YES NO (CIRCLE) (YES or 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) LAND SURFACE



B 1 **1459** SEQUENCE NO. (DP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

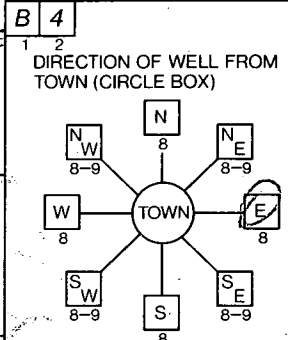
STATE OF MARYLAND
 APPLICATION FOR PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
10-92-01243
 fill in this form completely

Date Received (APA) **062292**
 OWNER INFORMATION
Newburn Development
 Last Name Owner First Name
SS70STERRETTA PL
 Street or RFD
COLUMBIA **MD21044**
 Town State Zip

B 3 LOCATION OF WELL
HOWARD COUNTY
CHESSIE-CROSSING SUBDIVISION
 SECTION **28** LOT **28**
WOODBINE NEAREST TOWN
 MILES FROM TOWN (enter 0 if in town) **2 1/2** MI

DRILLER INFORMATION
Joseph L. Mayne License No. **038**
Joseph L. Mayne Well Drilling
 Firm Name
5512 Ridge Pk. Dr. Ark 2071
 Address
Joseph L. Mayne **6/22/92**
 Signature Date



CHESSIE CROSSING WAY NEAR WHAT ROAD
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH WEST EAST SOUTH
70 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)
 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
A42742 COUNTY NO.
 STATE SIGNATURE _____ DATE ISSUED _____
071792 **Raymond Hodge** **01/17/93**
 NORTH GRID **53000** EAST GRID **0725000**

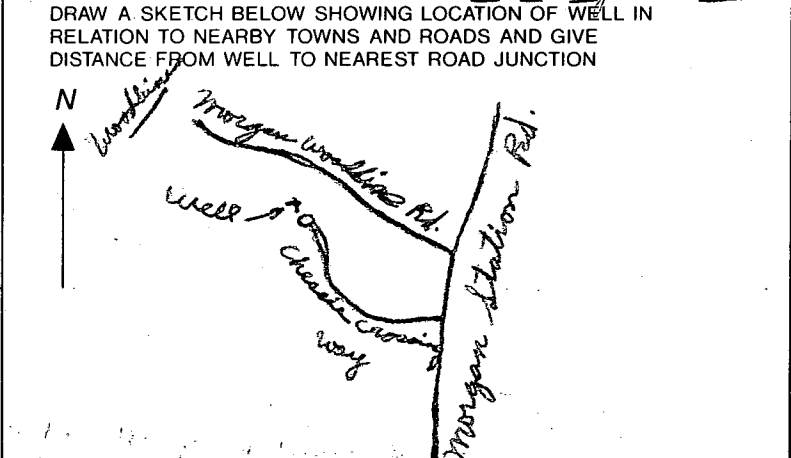
APPROXIMATE DEPTH OF WELL **260** FEET

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. **WUECC**
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE
 E **7825**
 N **5523**
 (Well 5' from Chessie Crossing way)

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 DEEPEMED 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 _____ GAP _____
 FORCE **211** WRITE INITIALS IN BOX PERMIT No. **10-92-01243**

SPECIAL CONDITIONS

Total linear feet of trench required 290 feet

Width of trench(es) 3.0 feet

Depth of trench(es) 6.0 feet

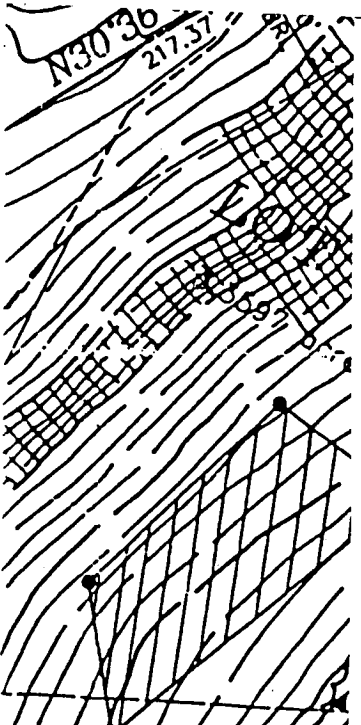
Length of stone required below distribution pipe 2.0 feet

Approved Septic System Plan Howard County Health Department

Sam McMill
Signature

4/27/79
Date

Lot 28
Jessie
Crossing



1ST Floor ELV. 597.76
Basement ELV. 589.43
INV. OUT of house 587.00
INV INTO TANK 564.3
INV OUT OF TANK 564.0
INV INTO DIST BOX 545.0
ELV. of well (top) 600.30

