

Tax ID - 05-414377

Nears House Insp.

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 48894

A 45297

DISTRICT 5th

DATE 2/1/93

DATE SYSTEM APPROVED 1/8/93

INSPECTOR [Signature]

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-8833~~ 313-2640

INDEXED

Robert Lewis _____ IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 12754 Scaggsville Road, Highland, Maryland 20777 PHONE 301-596-9380

SUBDIVISION Casa Verde LOT 1 ROAD 4573 Haviland Mill Road

PROPERTY OWNER Craig Frederick

ADDRESS _____

SEPTIC TANK CAPACITY 1500 GALLONS

4 45
180 45 LF / Rln
16 x 5
28 225
20

NUMBER OF BEDROOMS 5

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 255

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 185 feet from the North (1279.32 ft) lot line and 80 feet from the West (459.20 ft) lot line. Run the trenches toward and away from the West lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 012 12/21/92 Rln

PLANS APPROVED BY Raymond Hodges DATE 10/01/90

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)

BLUE PERMITS SIGNED AND RETURNED 11/8/00
B00127333 Pool

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

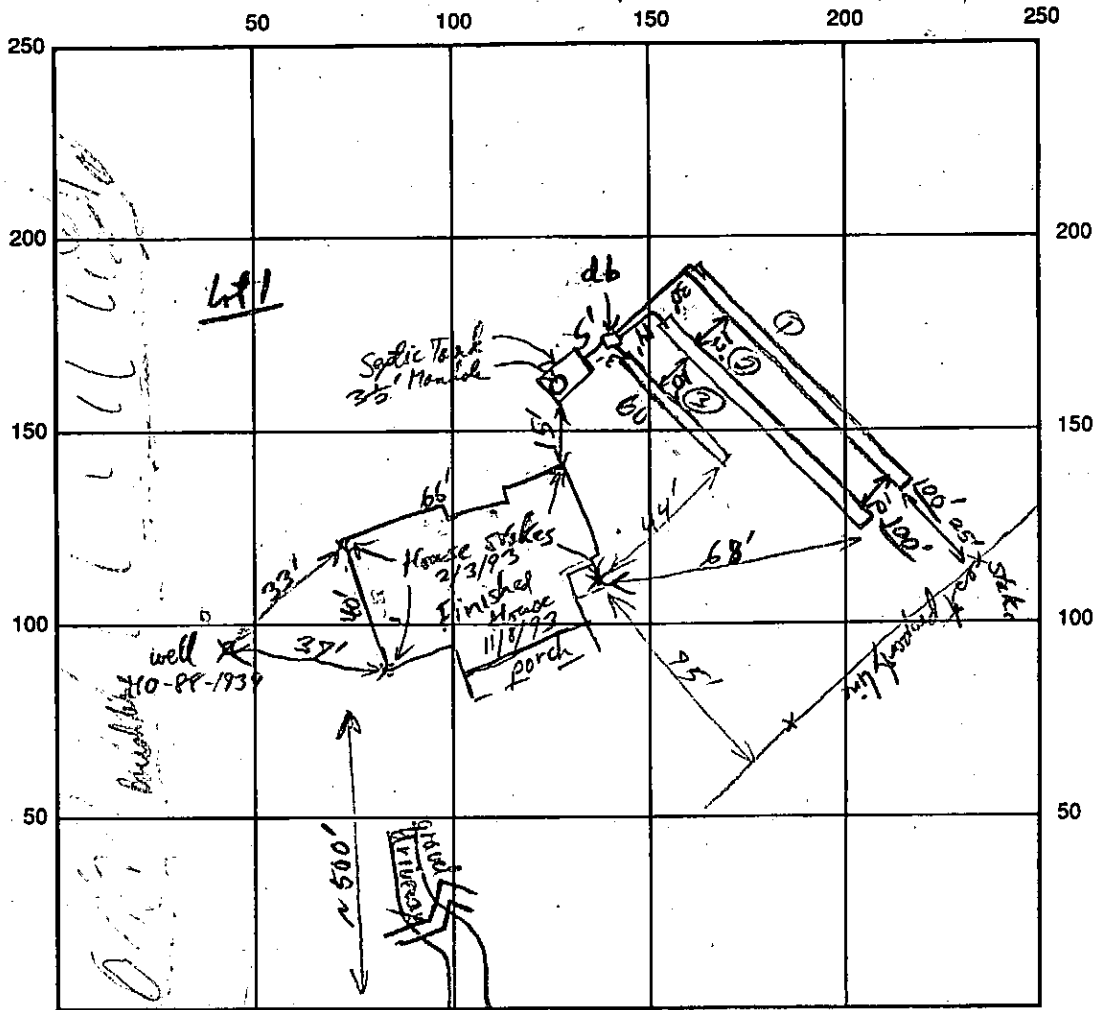
PERMIT VOID AFTER TWO YEARS

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 45297



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Hawthorn Mill Rd

SEPTIC TANK LEVEL 1500 gal CLEANOUTS St. Manhole (2 1/2' riser) at St. inlet

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD/TITLE DEPTH 7 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 100/100/60 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 1040 SQ. FT.

260
4

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: 1st 2 trenches ok to gravel fill; S.T. OK to proceed 2/3/93 RJP
(House Not begun @ time of Septic inspection - just staked); 3rd Trench ok to fill

OK to pour lot 2 Trenches + S.T. - Call Tomorrow for rest of septic + call when House Connection Ready RJP 4/3/93

2/4/93 - BOX CEMENTED & 3RD TRENCH FINISHED CALL FOR INSPECTOR OF HOUSE

HOOKUP R/H 10/13/93 SUSPECT HOUSE IS HOOKED TO TANK EVERYTHING

COVERED MUST CALL OWNER R/H (pic @ ST + Hse over 4" then 14" of pipe is covered)

Owner agrees that 151' length of sch 40 connects S.T. + Hse - Find approved by this testimony.

DATE SYSTEM APPROVED 11/8/92 INSPECTOR RJP/Pulley

APPLICATION

PERCOLATION TESTING

A 45297

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

P _____
DISTRICT 5TH

DATE Nov 29 1989

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 SARAH V. McCALMONT Craig Frederick

ADDRESS 6541 HAVILAND MILL RD. CLARKSVILLE MD. 21029 PHONE _____

PROSPECTIVE BUYER CONSULTING SURVEYOR S.J. MARTENET & Co., INC.

ADDRESS 190 W. Ostend St. Balto., Md. 21230 PHONE 539-4263

PROPERTY LOCATION:

SUBDIVISION STONECREST OVERLOOK LOT NO. 1

ROAD AND DESCRIPTION HAVILAND MILL RD. E/S, 3/16 mi ± So. of
BRIGHTON DAM RD.

TAX MAP 34 PARCEL # 56

SIZE OF LOT 3.632 Ac ± TYPE BLDG. SFD
(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.

Thomas J. Hillman (S.J. Martenet & Co.)
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE Serial # 45999

REASONS FOR REJECTION OR HOLDING 11/7/90 - PERC OK HOLD FOR CERTIFIED TEST

Plot RH

THIS IS NOT A PERMIT

1-16-90
10:00am

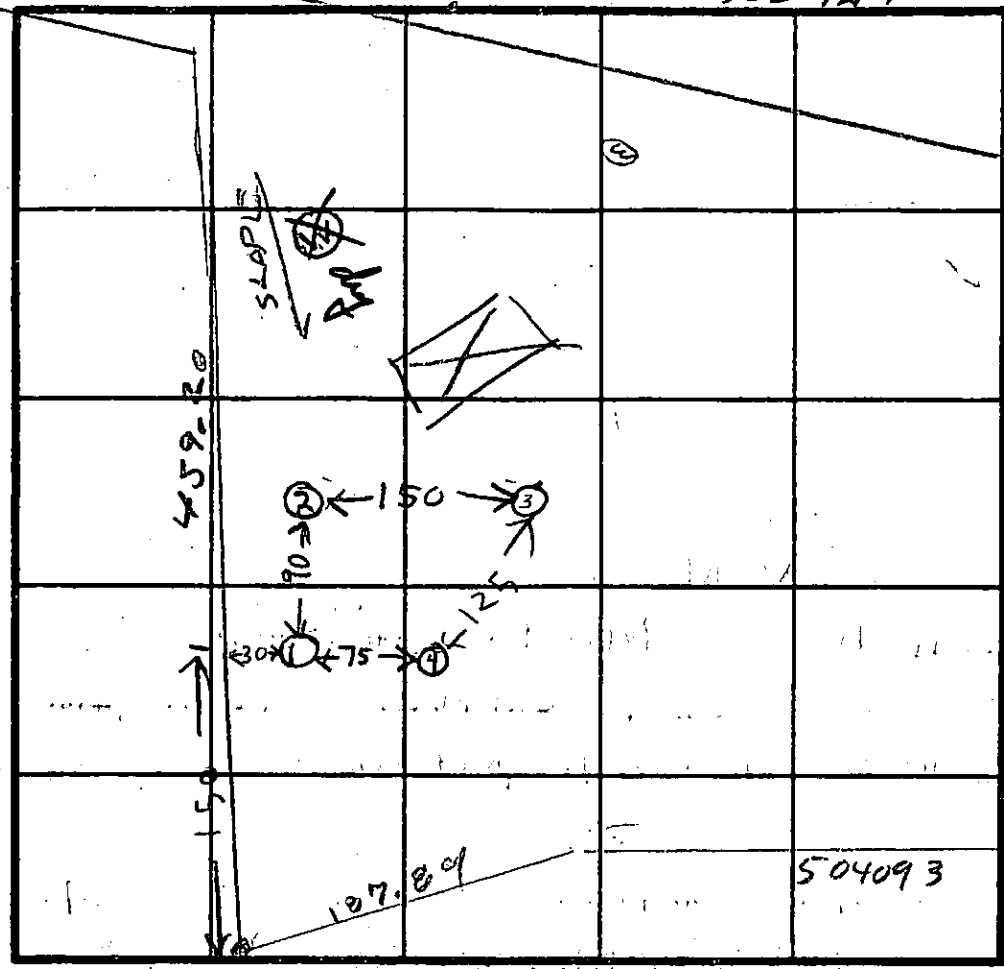
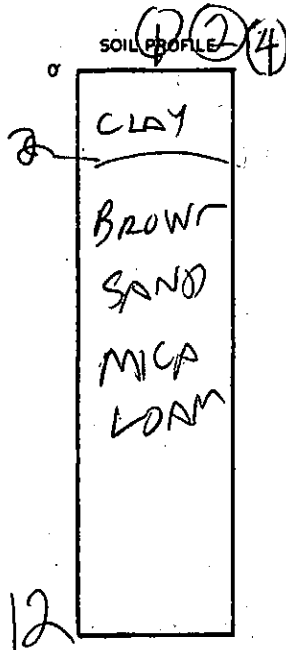
BLDG. PERMIT
AND RETURNED 11-10-92
DATE

HD-216

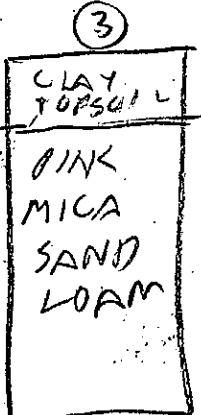
A4529M
LOT 1

R/W

SEE PLAT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
11/6/70	1S	3	1114	116	1116	1118	2	
	1V	12	OK	OK				
	2S	2.5	1119	1123	1123	1124	1	
	2V	17.5	1125	1130	1130	1136	6	
	2V	12	OK	OK				
	3S	3	1139	1202				
	3V	8.5	1146	1148	1148	1150	2	
	3V	13	OK	Deep Below	4FT			
	4S	3.5	1153	1155	1155	1159	4	
	4V	13	OK					

AV TIME
3 MIN

MAX DEPTH
INLET
3 FT

MAX DEPTH
OUTDOOR
9 FT

REMARKS: All Holes dug differently FROM TEST PLAT

TYPE OF SOIL: HOLD FOR CERTIFIED TEST PLAT

TESTED BY: R HODGES

ALSO PRESENT: Wayne Backhol, Tom Wilhelm surveyors

RA# 313 2648

Permit # 45999

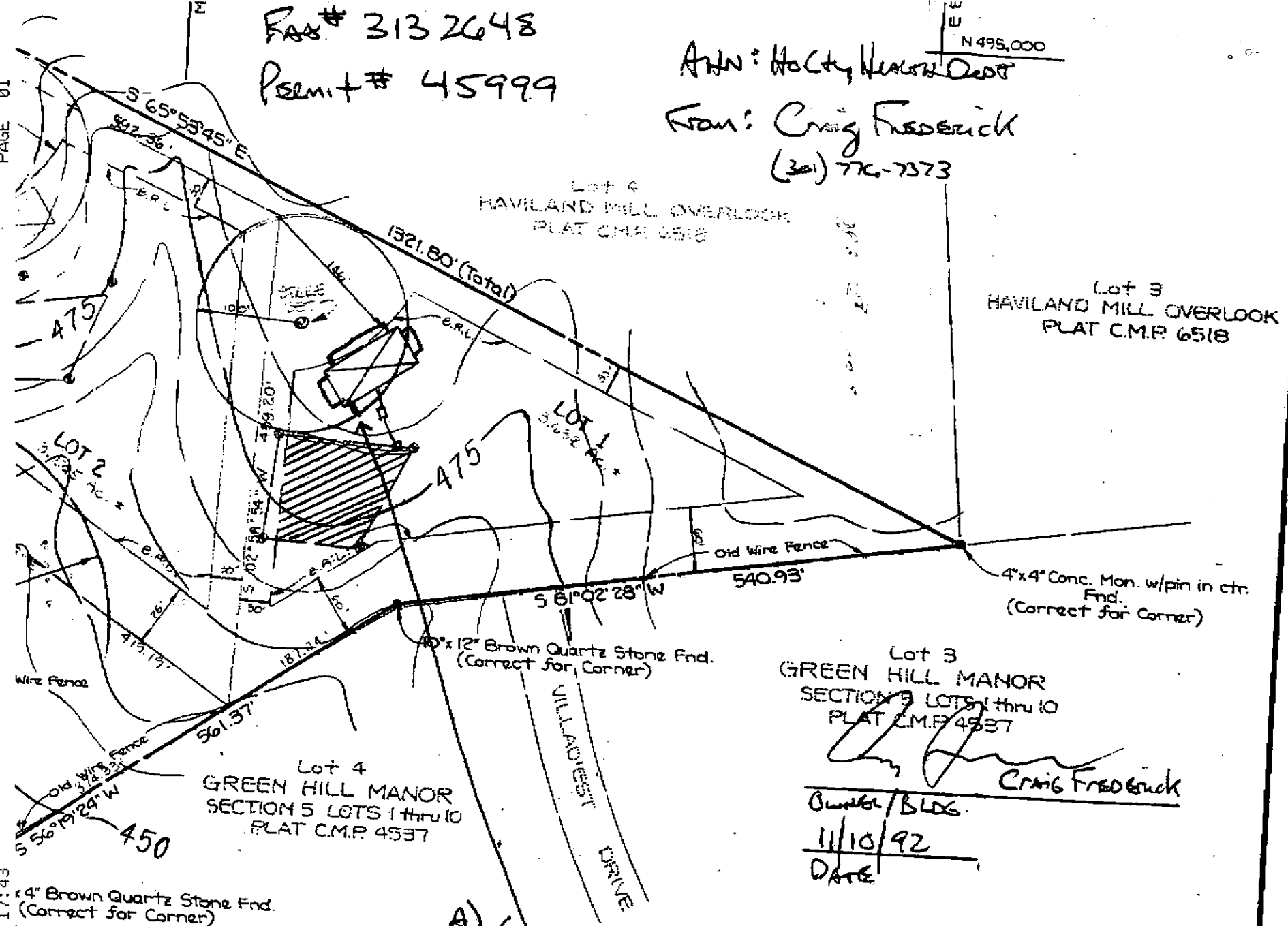
APP: No City Health Dept

From: Craig Frederick

(301) 776-7373

N 495,000

PAGE 01



Lot 3
GREEN HILL MANOR
SECTION 5 LOTS 1 thru 10
PLAT C.M.P. 4537

Craig Frederick
OWNER/BLDG.

11/10/92
DATE

07/10/89 17:43
4x4" Brown Quartz Stone Fnd.
(Correct for Corner)
Loc. 0.63' E. of Prop. Line
22° W 92.00'

Standard Marker Set

OWNER & DEVELOPER
MRS. SARAH VIRGINIA McCALMONT
6841 HAVILAND MILL ROAD
CLARKSVILLE, MD. 21029

A) (SEPTIC INLET 30" Below Existing GROUND)
B) COME OUT OF HOUSE AT 478.4. INTO TANK AT 478.1

REVISION: March 23, 1990
Revised lot lines

Direction of TRENCHES AND LENGTH T.B.D. AT TIME OF INSTALLATION BY H.D.
PERC CERTIFICATION

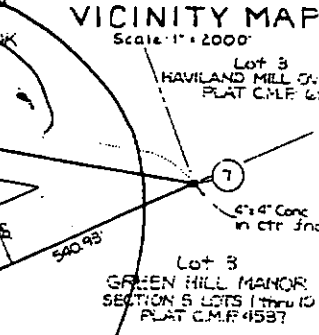
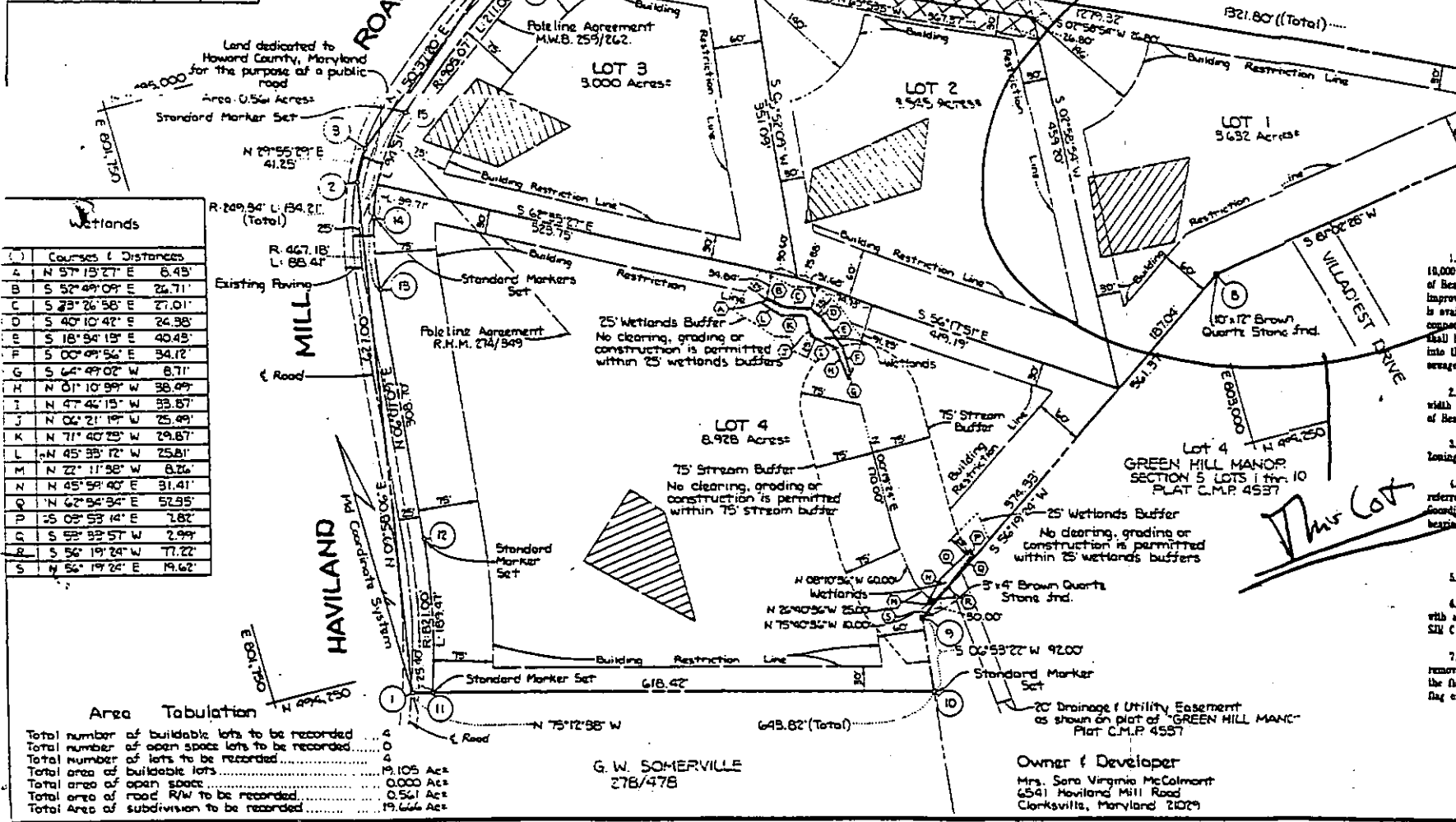
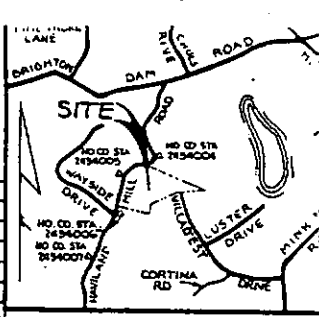
Curve	Radius	Arc Length	Delta	Tangent	Chord				
1	494,220.91	801,911.90	11-12	821.00'	189.47'	13° 15' 23"	95.16'	N 12° 45' 50" E	189.05'
2	494,838.44	802,020.44	15-14	467.16'	88.41'	10° 50' 34"	44.34'	N 11° 32' 27" E	88.26'
3	494,874.19	802,041.02	14-13	249.34'	134.21'	53° 50' 29"	68.78'	N 52° 22' 58" E	132.60'
4	495,070.51	802,280.20	15-16	905.07'	211.00'	18° 21' 27"	105.97'	N 54° 28' 55" E	210.53'
5	495,083.24	802,340.57	16-17	373.25'	110.06'	12° 57' 59"	55.43'	N 67° 36' 29" E	109.66'
6	495,065.89	802,379.15							
7	494,543.42	802,546.92							
8	494,459.18	803,012.59							
9	494,147.90	802,545.43							
10	494,056.36	802,554.99							
11	494,214.43	801,936.46							
12	494,378.83	801,978.12							
13	494,705.78	802,011.03							
14	494,792.27	802,028.09							
15	494,904.25	802,099.71							
16	495,076.56	802,271.06							
17	495,064.77	802,373.84							

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6	495,065.89	802,379.15							
7	494,543.42	802,546.92							
8	494,459.18	803,012.59							
9	494,147.90	802,545.43							
10	494,056.36	802,554.99							
11	494,214.43	801,936.46							
12	494,378.83	801,978.12							
13	494,705.78	802,011.03							
14	494,792.27	802,028.09							
15	494,904.25	802,099.71							
16	495,076.56	802,271.06							
17	495,064.77	802,373.84							

DETAIL
Not to Scale

MINIMUM LOT AREA TABULATION

Lot No	Total Area	Pipe Storm Area	Floodplain Area	Streetscape Area	Minimum Lot Area
1	532 Ac±	0.351 Ac±	-0-	-0-	3,901 Ac±
2	545 Ac±	0.142 Ac±	-0-	-0-	3,403 Ac±
3	300 Ac±	-0-	-0-	-0-	3,000 Ac±
4	828 Ac±	-0-	-0-	-0-	6,428 Ac±
Total	1905 Ac±	0.473 Ac±	-0-	-0-	16,732 Ac±



Wetlands

Course	Distance
A	N 57° 13' 27" E 6.43'
B	S 52° 49' 09" E 26.71'
C	S 23° 26' 58" E 27.01'
D	S 40° 10' 47" E 24.38'
E	S 18° 54' 15" E 40.43'
F	S 00° 49' 56" E 34.12'
G	S 64° 49' 02" W 8.71'
H	N 01° 10' 99" W 38.49'
I	N 47° 46' 15" W 33.87'
J	N 00° 21' 19" W 25.49'
K	N 71° 40' 25" W 29.87'
L	N 45° 35' 12" W 25.81'
M	N 22° 11' 58" W 8.26'
N	N 45° 58' 40" E 31.41'
Q	N 62° 56' 34" E 52.93'
P	S 03° 53' 14" E 7.82'
R	S 88° 32' 57" W 2.99'
S	S 56° 19' 24" W 77.22'
S	N 56° 19' 24" E 19.62'

Area Tabulation

Total number of buildable lots to be recorded	4
Total number of open space lots to be recorded	0
Total number of lots to be recorded	4
Total area of buildable lots	19,105 Ac±
Total area of open space	0.000 Ac±
Total area of road R/W to be recorded	0.561 Ac±
Total Area of subdivision to be recorded	19,666 Ac±

- Notes
- This area designates a Private Sewer Easement 10,000 square feet required by the Maryland State Department of Health and Mental Hygiene for individual sewer disposal. Improvements of any nature are restricted until public sewer is available. These easements shall become null and void in connection to a public sewer system. The County Health Officer shall have the authority to grant variances for encroachments into the Private Sewer Easement. Recordation of a modified sewer easement shall not be necessary.
 - The lots shown hereon comply with the minimum width and lot area as required by the Maryland State Department of Health and Mental Hygiene.
 - Subject property zoned "R" per 03/02/1985 Comprehensive Zoning Plan.
 - The coordinates and bearings shown on this plat are referred to the system of coordinates established in the Maryland Coordinate System and are based on the following station as bearing: Sta: 2434005 North: 494,238,395 East: 801,836,82 Bearing to 2434007: South 25° 21' 37" East
 - Existing structures on Lot 4.
 - "Standard Marker Set" denotes a 5/8" diameter iron with a 1-1/16" diameter yellow plastic cap marked "PROPERTY, S.M.C. 177" set.
 - For flag or pipe stem lots, refuse collection, snow removal and road maintenance to be provided at the junction of the flag or pipe stem and the road right of way and not on flag or pipe stem driveway.

G. W. SOMERVILLE
278/478

Owner & Developer
Mrs. Sara Virginia McCalmont
6541 Haviland Mill Road
Clarksville, Maryland 21029

S. J. Marten & Co.
Land Surveyors
190 West Ostend Street
Baltimore, Maryland 21201
Telephone: (301) 539-427

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.

HOWARD COUNTY HEALTH OFFICER _____ DATE _____

APPROVED HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

Owner's Certificate

I, Sara Virginia McCalmont and Newell J. McCalmont, owners of the property shown and described herein, hereby adopt this plan of subdivision and in consideration of the approval of this final plat by the Department of Planning and Zoning, establish the Minimum Building Restriction Lines and grant unto Howard County, Maryland, its successors and assigns, (1) the right to lay, construct, and maintain sewers, drains, water pipes and other municipal utilities and services, in and under all roads and street rights of way and the specific easement areas shown hereon; (2) the right to require dedication for public use of the beds of the streets and/or roads and easements and open space where applicable and for pond and other suitable consideration, hereby grant the right and option to Howard County to acquire the fee simple title to the beds of the streets and/or roads and easements, storm drainage facilities and open space where applicable; (3) the right to acquire easements of waterways and drainage easements for the specific purpose of their construction, repair

Surveyor's Certificate

I hereby certify that the final plat shown hereon is correct; that it is a subdivision of all of the land conveyed by Sara Virginia McCalmont to Sara Virginia McCalmont and Newell J. McCalmont by deed dated March 23, 1990 and recorded among the Land Records of Howard County, Maryland in Liber C.M.P. 2185, Folio 510, and I all monuments are in place or will be in place prior to acceptance of the streets in the subdivision by Howard County as shown in accordance with the Annotated Code of Maryland, as amended.

RECORDED AS PLAT No. _____ ON _____ IN THE LAND RECORDS OF HOWARD COUNTY, MARYLAND

Lots 1-4
CASA VERDE

78M

25'

PROPOSED
Pool

20'

B00127333
PROPOSED POOL OK
WITH
WELL OR SEPTIC
11/8/00 CWL

70'

6573
HAULROAD MILL RD

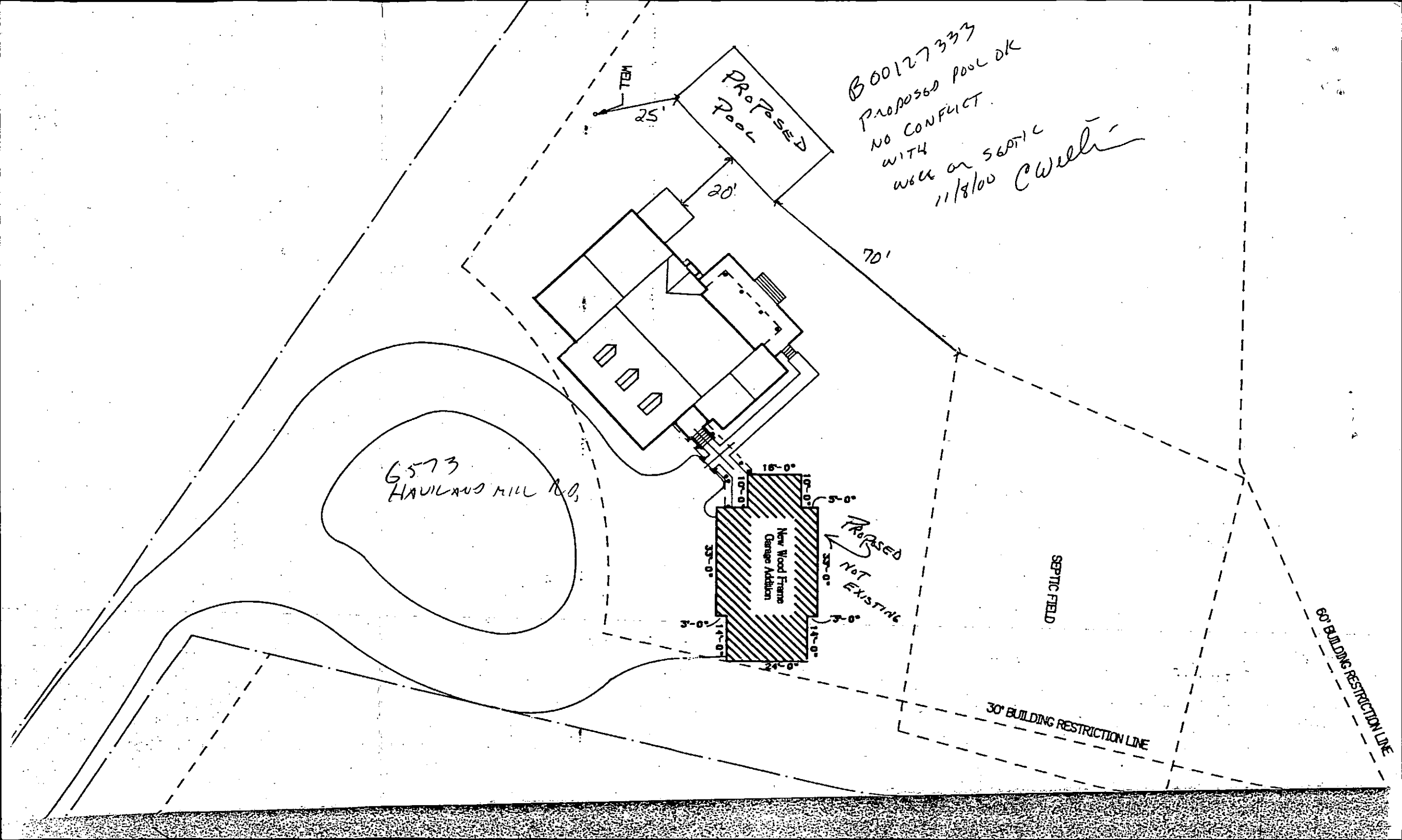
New Wood Frame
Garage Addition

PROPOSED
NOT
EXISTING

SEPTIC FIELD

30' BUILDING RESTRICTION LINE

60' BUILDING RESTRICTION LINE



C1 4602 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 45297

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well 400 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HC-88-1939

OWNER: Frederiek Craig last name first name
STREET OR RFD: Haviland Mill Rd TOWN: Clarksville
SUBDIVISION: CASA VERDE SECTION: LOT: 1

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: SAND SIGN, GRAY MICA rock, DRY WELL 500', Filled in with cement + drilled to 8' from top.

GROUTING RECORD
WELL HAS BEEN GROUTED (YES/NO)
TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC)
NO. OF BAGS: 14 NO. OF POUNDS: 73 1/2
GALLONS OF WATER: 34
DEPTH OF GROUT SEAL (to nearest foot) from 0 to 31 ft.

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

MAIN CASING TYPE: S-1
Nominal diameter top (main) casing (nearest inch): 6
Total depth of main casing (nearest foot): 63

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), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER)

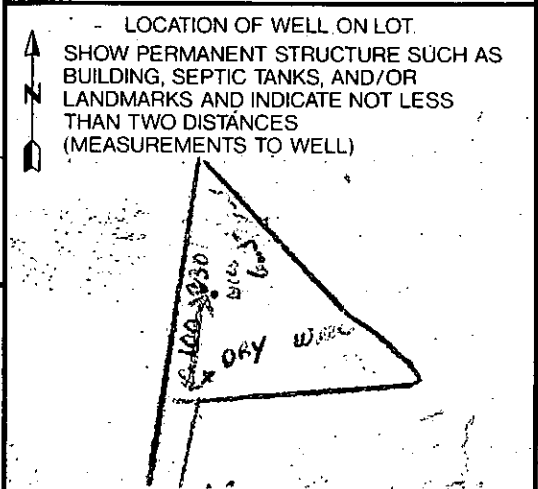
DEPTH (nearest ft.) 110, 131, 400
SLOT SIZE 1, 2, 3
DIAMETER OF SCREEN (NEAREST OF SCREEN INCH) 5 1/2

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
TELESCORE CASING LOG INDICATOR OTHER DATA

PUMPING TEST
HOURS PUMPED (nearest hour) 3
PUMPING RATE (gal. per min. to nearest gal.) 60
METHOD USED TO MEASURE PUMPING RATE: Bucket
WATER LEVEL (distance from land surface) BEFORE PUMPING 36, WHEN PUMPING 160
TYPE OF PUMP USED (for test): S (submersible)

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (YES/NO)
TYPE OF PUMP INSTALLED: S
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 (nearest foot)



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: Joseph P. Thompson

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