

C1 15960

SEQUENCE NO. (MDE 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)

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER A534024

ST/CO USE ONLY DATE RECEIVED MM 01 DD 05 YY 11

DATE WELL COMPLETED MM 10 DD 14 YY 10

Depth of Well 22 204 26 4/5/11 (TO NEAREST FOOT) O.K. (PB)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H10-75-2012

OWNER Murray CHRISTOPHER STREET OR RFD 16761 Frederick Rd TOWN Mt. Airy MD, 21221 SUBDIVISION CASSER Prop Pres Phaed SECTION LOT

WELL LOG Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Top Soil, Brown Shale, Brown Slate, Blue Slate, etc.

GROUTING RECORD Form: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM), NO. OF BAGS (19), NO. OF POUNDS (195), GALLONS OF WATER (114), DEPTH OF GROUT SEAL (8 to 45 ft).

CASING RECORD Form: MAIN CASING TYPE (PL), Nominal diameter top (main) casing (6 inch), Total depth of main casing (50 foot).

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

SCREEN RECORD Form: screen type or open hole (HO), insert appropriate code below.

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED: YES (Y) NO (N)

CIRCLE APPROPRIATE LETTER: A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

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...

DRILLERS LIC. NO. 1 MSD 117 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 D

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

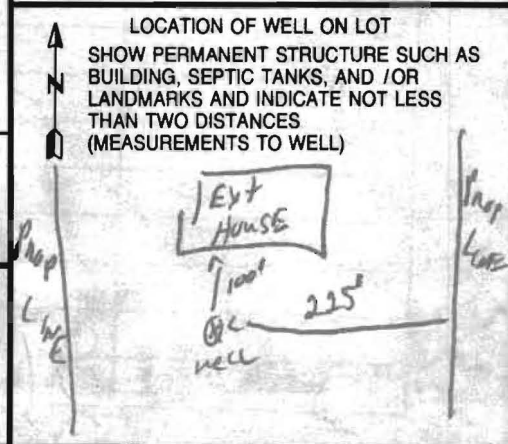
DEPTH (nearest ft.) Form: 1 HO 48 204, 2 8 9 11 15 17 21, 3 23 24 26 30 32 36, 4 38 39 41 45 47 51, 5 SLOT SIZE 1 2 3, DIAMETER OF SCREEN (NEAREST INCH) 56 60, from to

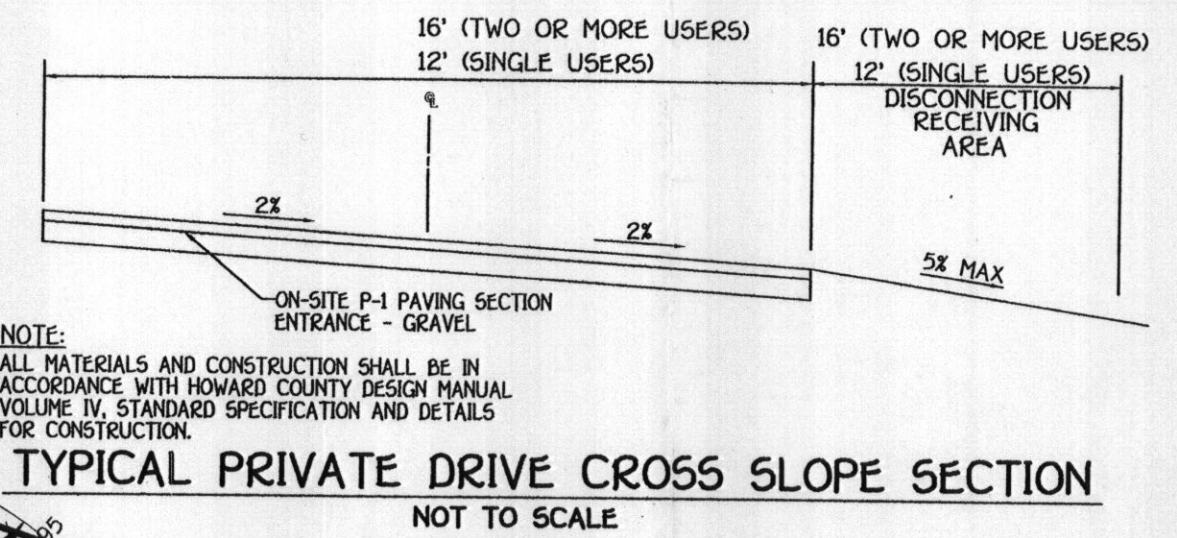
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE 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

C 3 PUMPING TEST Form: HOURS PUMPED (nearest hour) 3, PUMPING RATE (gal. per min.) 8.5, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL (distance from land surface) BEFORE PUMPING 17 20 ft., WHEN PUMPING 22 25 ft., TYPE OF PUMP USED (for test) S submersible

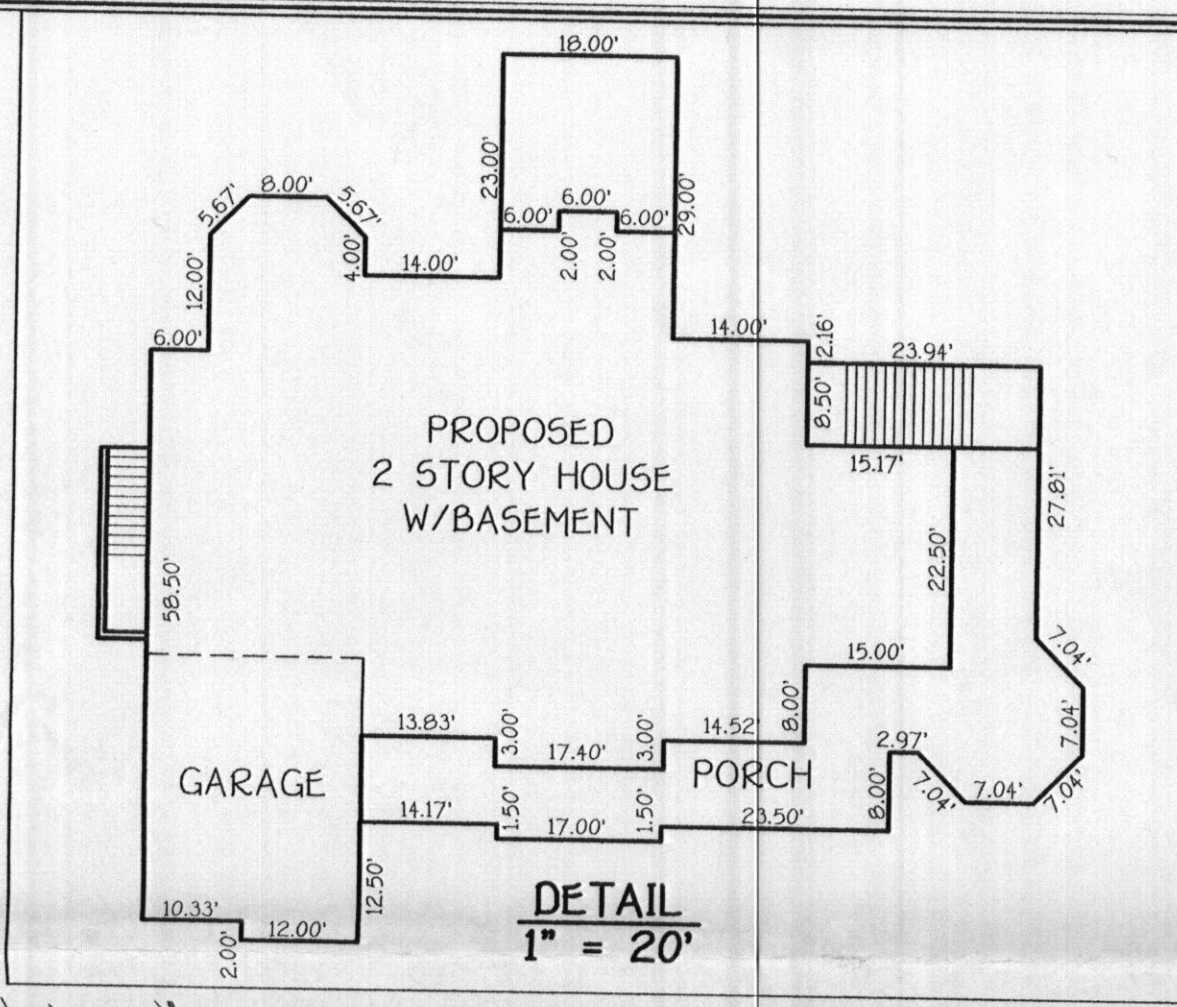
PUMP INSTALLED Form: DRILLER INSTALLED PUMP YES (NO), TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29, CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35, PUMP HORSE POWER 37 41, PUMP COLUMN LENGTH (nearest ft.) 43 47, CASING HEIGHT (circle appropriate box and enter casing height) (+) above, LAND SURFACE (nearest foot) 2 (50 51)



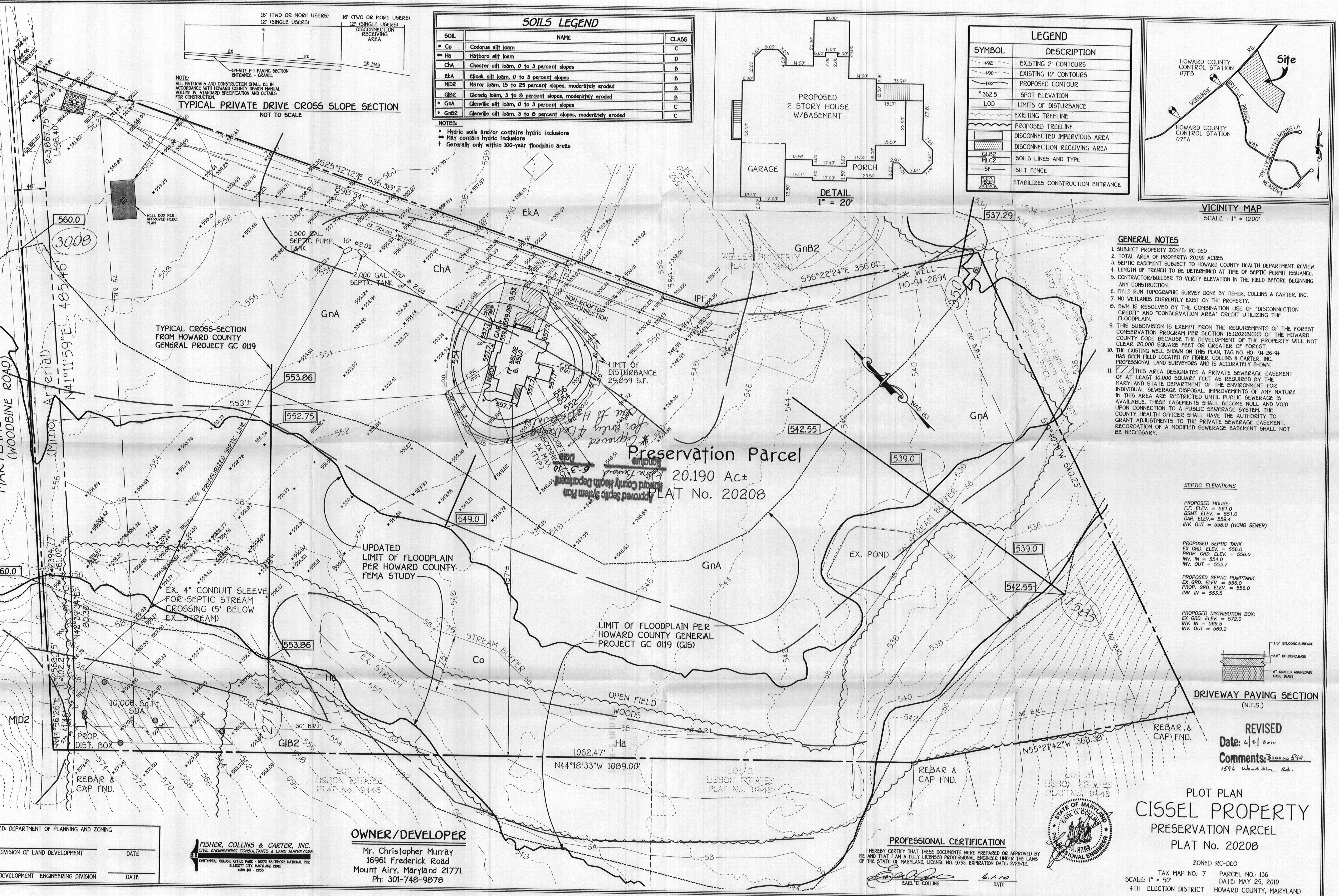
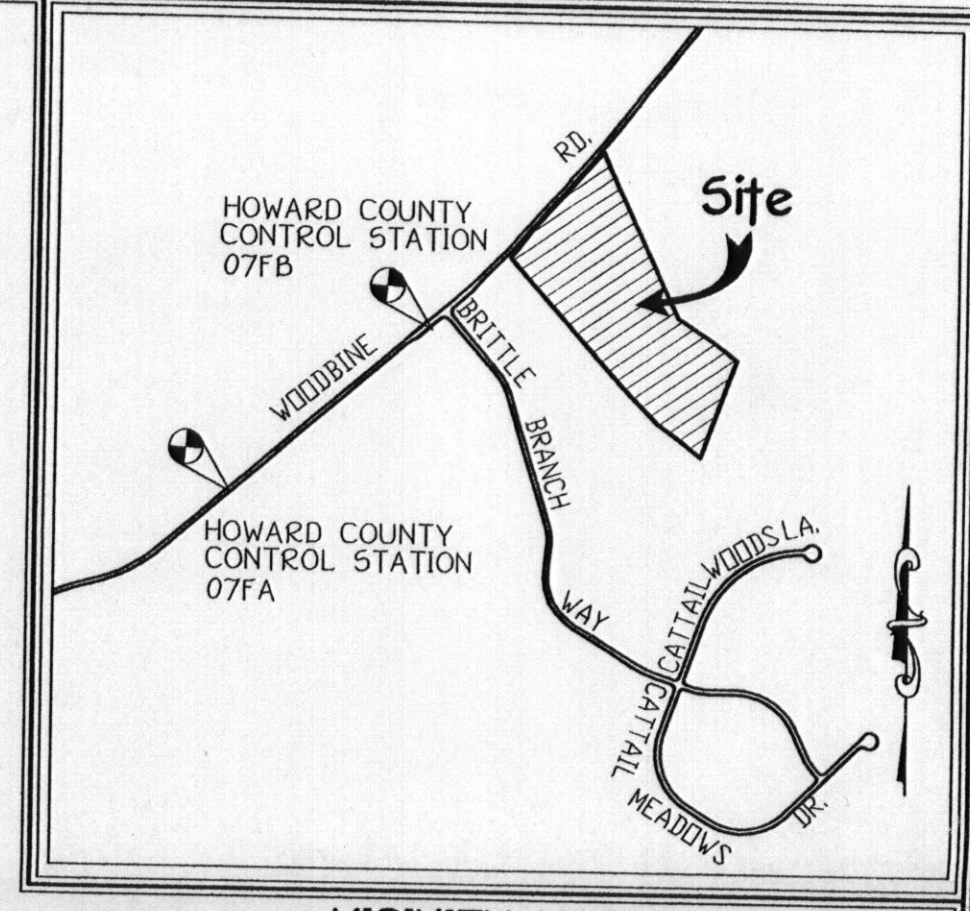


SOIL	NAME	CLASS
Co	Codorus silt loam	C
Ha	Hatboro silt loam	D
ChA	Chester silt loam, 0 to 3 percent slopes	B
EKA	Elk oak silt loam, 0 to 3 percent slopes	B
MD2	Manor loam, 15 to 25 percent slopes, moderately eroded	B
GIB2	Glenelg loam, 3 to 8 percent slopes, moderately eroded	B
GnA	Glenville silt loam, 0 to 3 percent slopes	C
GnB2	Glenville silt loam, 3 to 8 percent slopes, moderately eroded	C

NOTES:
 * Hydric soils and/or contains hydric inclusions
 ** May contain hydric inclusions
 † Generally only within 100-year floodplain areas



SYMBOL	DESCRIPTION
--- 492	EXISTING 2' CONTOURS
--- 490	EXISTING 10' CONTOURS
--- 482	PROPOSED CONTOUR
*	SPOT ELEVATION
LOD	LIMITS OF DISTURBANCE
---	EXISTING TREELINE
---	PROPOSED TREELINE
---	DISCONNECTED IMPERVIOUS AREA
---	DISCONNECTION RECEIVING AREA
GIB2	SOILS LINES AND TYPE
MLC2	SOILS LINES AND TYPE
SF	SILT FENCE
---	STABILIZES CONSTRUCTION ENTRANCE



- GENERAL NOTES**
- SUBJECT PROPERTY ZONED: RC-DEO
 - TOTAL AREA OF PROPERTY: 20.190 ACRES
 - SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT REVIEW.
 - LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
 - CONTRACTOR/BUILDER TO VERIFY ELEVATION IN THE FIELD BEFORE BEGINNING ANY CONSTRUCTION.
 - FIELD RUN TOPOGRAPHIC SURVEY DONE BY FISHER, COLLINS & CARTER, INC.
 - NO WETLANDS CURRENTLY EXIST ON THE PROPERTY.
 - SWM IS RESOLVED BY THE COMBINATION USE OF "DISCONNECTION CREDIT" AND "CONSERVATION AREA" CREDIT UTILIZING THE FLOODPLAIN.
 - THIS SUBDIVISION IS EXEMPT FROM THE REQUIREMENTS OF THE FOREST CONSERVATION PROGRAM PER SECTION 16.1202(B)(1)(D) OF THE HOWARD COUNTY CODE BECAUSE THE DEVELOPMENT OF THE PROPERTY WILL NOT CLEAR 20,000 SQUARE FEET OR GREATER OF FOREST.
 - THE EXISTING WELL SHOWN ON THIS PLAN, TAG NO. HO- 94-26-94 HAS BEEN FIELD LOCATED BY FISHER, COLLINS & CARTER, INC., PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.
 - THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.

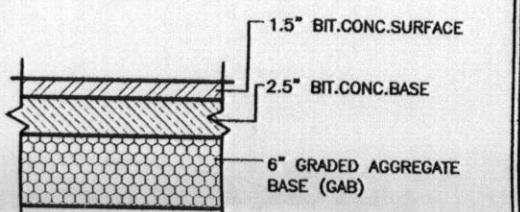
SEPTIC ELEVATIONS

PROPOSED HOUSE:
 FF. ELEV. = 561.0
 BSM. ELEV. = 551.0
 GAR. ELEV. = 559.4
 INV. OUT = 558.0 (HUNG SEWER)

PROPOSED SEPTIC TANK
 EX GRD. ELEV. = 556.0
 PROP. GRD. ELEV. = 556.0
 INV. IN = 554.0
 INV. OUT = 553.7

PROPOSED SEPTIC PUMPTANK
 EX GRD. ELEV. = 556.0
 PROP. GRD. ELEV. = 556.0
 INV. IN = 553.5

PROPOSED DISTRIBUTION BOX:
 EX GRD. ELEV. = 572.0
 INV. IN = 569.5
 INV. OUT = 569.2



DRIVEWAY PAVING SECTION (N.T.S.)

REVISED
 Date: 4/21/2010
 Comments: 31000 572
 1596 Woodbine Rd.

PLOT PLAN
 CISSEL PROPERTY
 PRESERVATION PARCEL
 PLAT No. 20208



PROFESSIONAL CERTIFICATION
 HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DAILY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 9753, EXPIRATION DATE: 2/29/12.

Earl D. Collins
 6.110
 DATE

OWNER/DEVELOPER
 Mr. Christopher Murray
 16961 Frederick Road
 Mount Airy, Maryland 21771
 Ph: 301-748-9878

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 30272 BALTIMORE NATIONAL PIKE
 ELICOTT CITY, MARYLAND 21042
 (410) 461-2299

DEPARTMENT OF PLANNING AND ZONING
 DIVISION OF LAND DEVELOPMENT
 DATE
 DEVELOPMENT ENGINEERING DIVISION
 DATE

ZONED RC-DEO
 TAX MAP NO: 7 PARCEL NO: 136
 SCALE: 1" = 50' DATE: MAY 25, 2010
 4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND