

9/3/96
Anytime
10-9-96
noon

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 57066

A 50619N

DISTRICT 4th

DATE 8/9/96

DATE SYSTEM APPROVED 10/9/96

INSPECTOR EF

INDEXED

04-357787

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXX~~ 313-2640

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS 558-R Obrecht Road Sykesville, Md 21784 PHONE 795-5674

SUBDIVISION Holly Hills LOT 5 ROAD 3310 Sang Road

PROPERTY OWNER Williamsburg Group L.L.C.

ADDRESS _____

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 300

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 distribution box 150 feet up the left (208.22') lot line and 45 feet off that same lot line as seen when facing the lot from Sang Road. Run trenches on contour toward the right 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. OK 7/1/96 DKS

10/9/96 FOGGERS ELIMINATE OFF-LOT PORTION OF TRENCHES; INLET OK @ 4' 8", BOTTOM 6' PER RD. ON LOT. AREA MAKEUP HIGHER

PLANS APPROVED BY Amy McMillen DATE 5/31/96

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

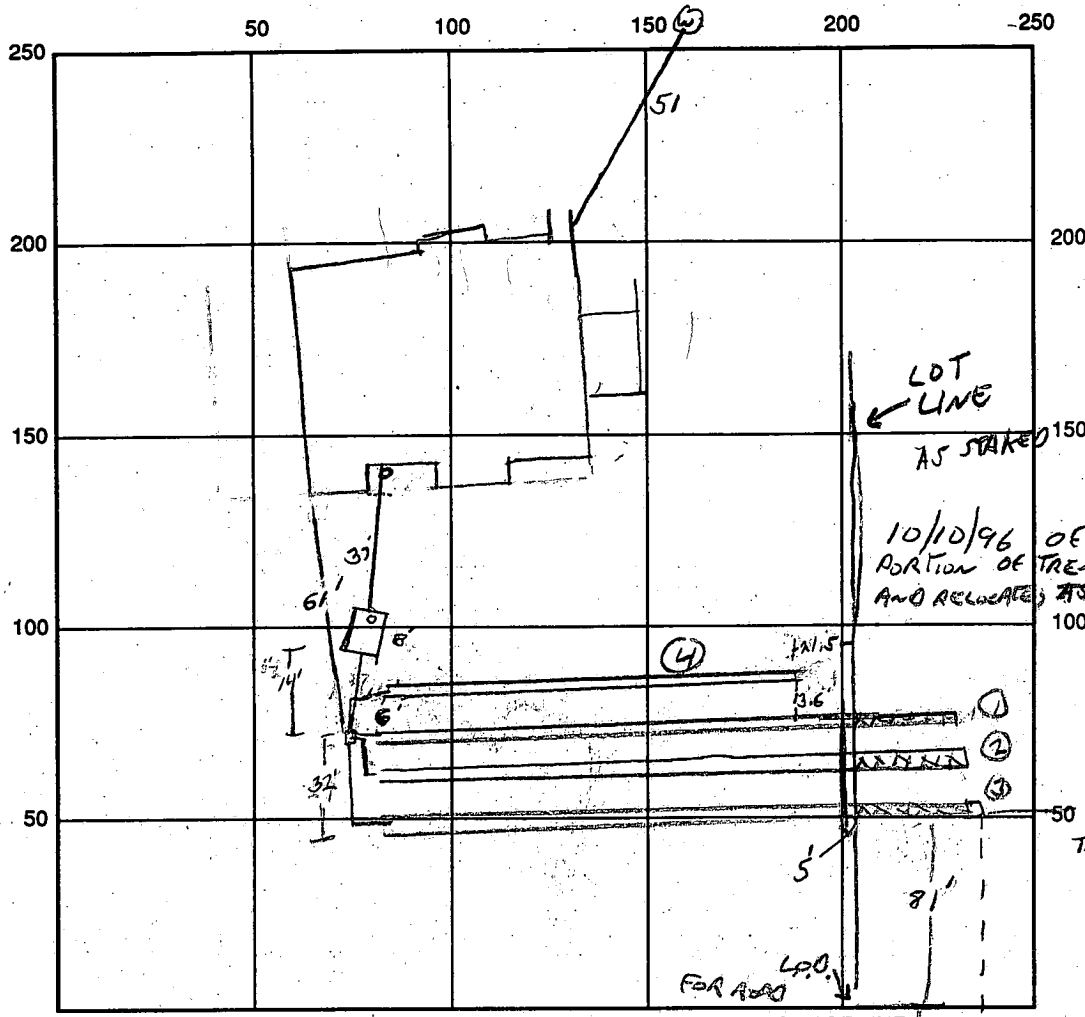
NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS
BLDG. PERMIT SIGNED AND RETURNED 9/26/96
Serial # B 00102432
duch

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**



SEPTIC TANK LEVEL OK CLEANOUTS OK - 1 ON TANK, 1 AT WALL

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT. ^{#4 IS 4.8"}

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 3X100 FT. = 300' TRENCH 4 = 65'

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 900 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: 9/2/96 LOT LINES NOT STAKED, TRENCHES MAY EXTEND BEYOND RIGHT LOT LINE. SEPTIC SYSTEM TO BE COVERED - RAIN EXPECTED. FINAL PENDING. 10/9/96 20' TRENCH REMOVED FROM EACH EXISTING TRENCH, 65' TRENCH ADDED AS MARKED. ALL EXISTING TRENCHES HAVE LINES AND STONE REMOVED. OK TO COVER ALL WORK.

DATE SYSTEM APPROVED 10/19/96 INSPECTOR [Signature]

LARGE TREE
LOT LINE?
FOR ADJACENT LOT
E N O P A Y I N G



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

September 11, 1996

Williamsburg Group, L.L.C.
P. O. Box 1018
Columbia, Maryland 21044

RE: Septic System Installation
Holly Hills - Lot 5
3310 Sang Road

To Whom It May Concern:

A septic system installation inspection was conducted September 2, 1996, at the above referenced property.

The installed trench location appears to extend into the adjacent Lot (19).

Uncertainties over the lot lines prompt a request for an "As Built" drawing indicating the location of the house and the installed septic system. This sketch may be included on the house "wall check" drawing.

If you have any questions relative to this matter, please call me at 313-2640.

Very truly yours,

Glen Savage, Sanitarian
Water and Sewerage Program

GS:jr

cc: Fogle's Septic Clean, Inc.
File

10-9-96
ISSUE RESOLVED - SEPTIC RELOCATED
- SEND LETTER. #



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

October 9, 1996

Williamsburg Group L.L.C.
P. O. Box 1018
Columbia, Maryland 21044

RE: Septic System Installation
Holly Hills - Lot 5
3310 Sang Road

To Whom It May Concern:

A septic system trench installation inspection was conducted, October 9, 1996, to observe removal and relocation of the portion of the drainfields extending beyond the lot lines.

All work was satisfactory and final approval given.

Thank you for your cooperation in this matter.

Very truly yours,

Glen Savage, Sanitarian
Water and Sewerage Program

GS:jr

cc: Fogle's Septic Clean, Inc.
File

APPLICATION

PERCOLATION TESTING

A 50619 N

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 4/20/95

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER WAYNE NEWSOME Williamburg Group, L.L.C.

ADDRESS P.O. BOX 39, COLUMBIA, MD 21045 PHONE (410) 792-2100

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION HOLLY HILLS ESTATES LOT NO. 21 ^{ORIGINAL} 5

ROAD AND DESCRIPTION PROPERTY HAS APPROX. 1/5 OF FRONTAGE ON

BURNTWOODS ROAD - 21 LOT (17 NEW SFD'S) SUBDIVISION
WITH EXTENSION OF SANG ROAD

TAX MAP H PARCEL # 92

SIZE OF LOT LOT 21; 47,163 SQ FT TYPE BLDG. SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL) 5 BRMS

Serial # 1300100303
**BLDG. PERMIT SIGNED
AND RETURNED 5-31-96**

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.

Stephanie Roschke
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

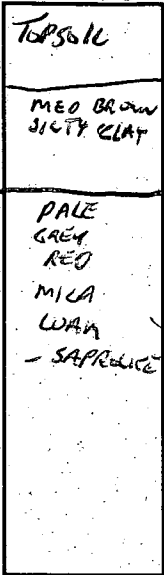
THIS IS NOT A PERMIT

A-50619-N

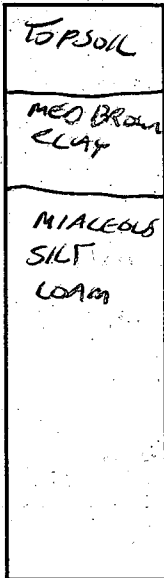
COUNTY #

SOIL PROFILE

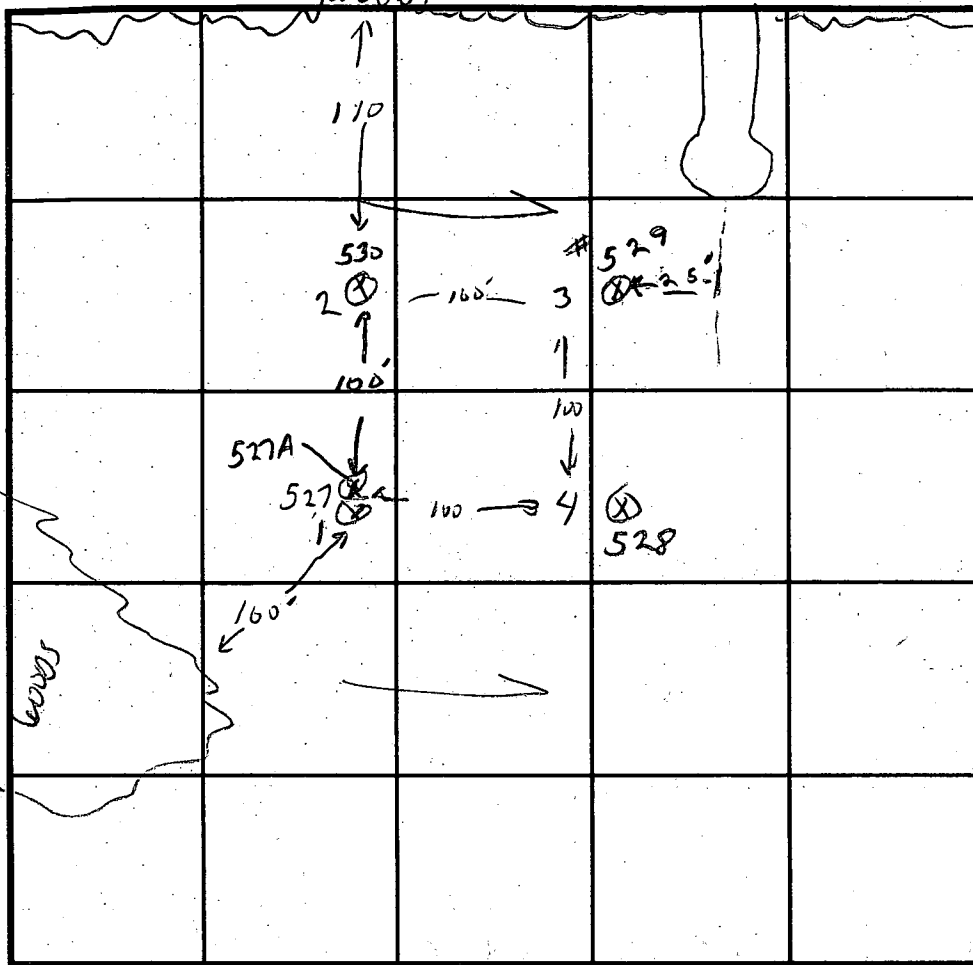
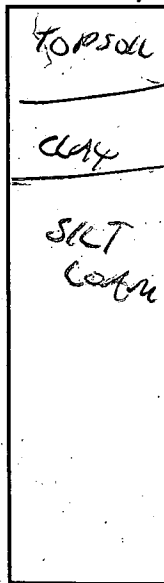
530



528

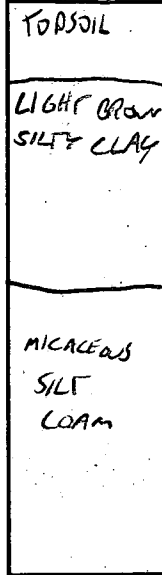


529



SOIL PROFILE #

1



150 TEST AT 6' 8" WAS IN CLAY POCKET

36
3
102

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/20/95	527	4' 8"	11:37	12:09	12:09	12:55	TEST STOPPED
		6' 8"	11:36	TEST STOPPED	12:00	12:55	
	530	4'	12:12	12:16	12:16	12:24	8 MIN
		7'	12:01	12:03	12:03	12:08	5 MIN
	527A	6' 6"	12:33	12:35	12:35	12:37	2 MIN
	528	4'	12:58	1:01	1:01	1:01	3 MIN
		6' 6"	12:41	12:45	12:45	12:49	4 MIN
	529	VISCAL - OK					

REMARKS POCKET OF CLAY IN 527, HOLE MOVED

TYPE OF SOIL

TESTED BY GLEN SAUAGE

ALSO PRESENT DALE KERR

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH 3

INLET DEPTH

MAXIMUM BOTTOM DEPTH 11

SQ. FT./BEDROOM

116

C1 4186

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)

COUNTY NUMBER A 50619 N

ST/CO USE ONLY DATE RECEIVED 050896

DATE WELL COMPLETED 050296

Depth of Well 226.5 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-94-0750

OWNER WILLIAMS BUNG BLDGS STREET OR RFD SANG RD. TOWN GREENWOOD SUBDIVISION HOLLY HILLS SECTION LOT 5

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. Entries: Sand (0-71), Gray Mica Rock (71-265).

GROUTING RECORD WELL HAS BEEN GROUTED (Y) (N)

TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 23 NO. OF POUNDS 2162

CASING RECORD MAIN CASING TYPE (S) Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 74

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

SCREEN RECORD screen type or open hole (S) (BR) (HO) STEEL BRASS BRONZE OPEN HOLE PLASTIC OTHER

PUMPING TEST C 3

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 107.5 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 37 WHEN PUMPING 125 TYPE OF PUMP-USED (for test) S submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE) (YES) (NO)

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. 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)

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED (Y) (N)

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.

TYPE: MWD/MSD/MGD DRILLERS LIC. NO. 24 Joseph L. Mayne

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 27 Larry Mayne

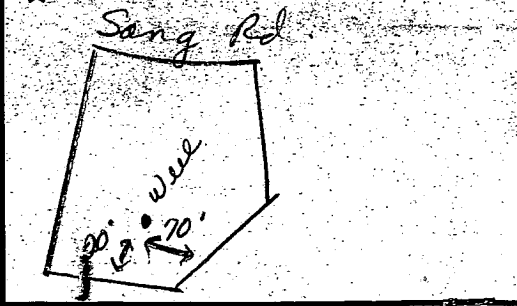
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

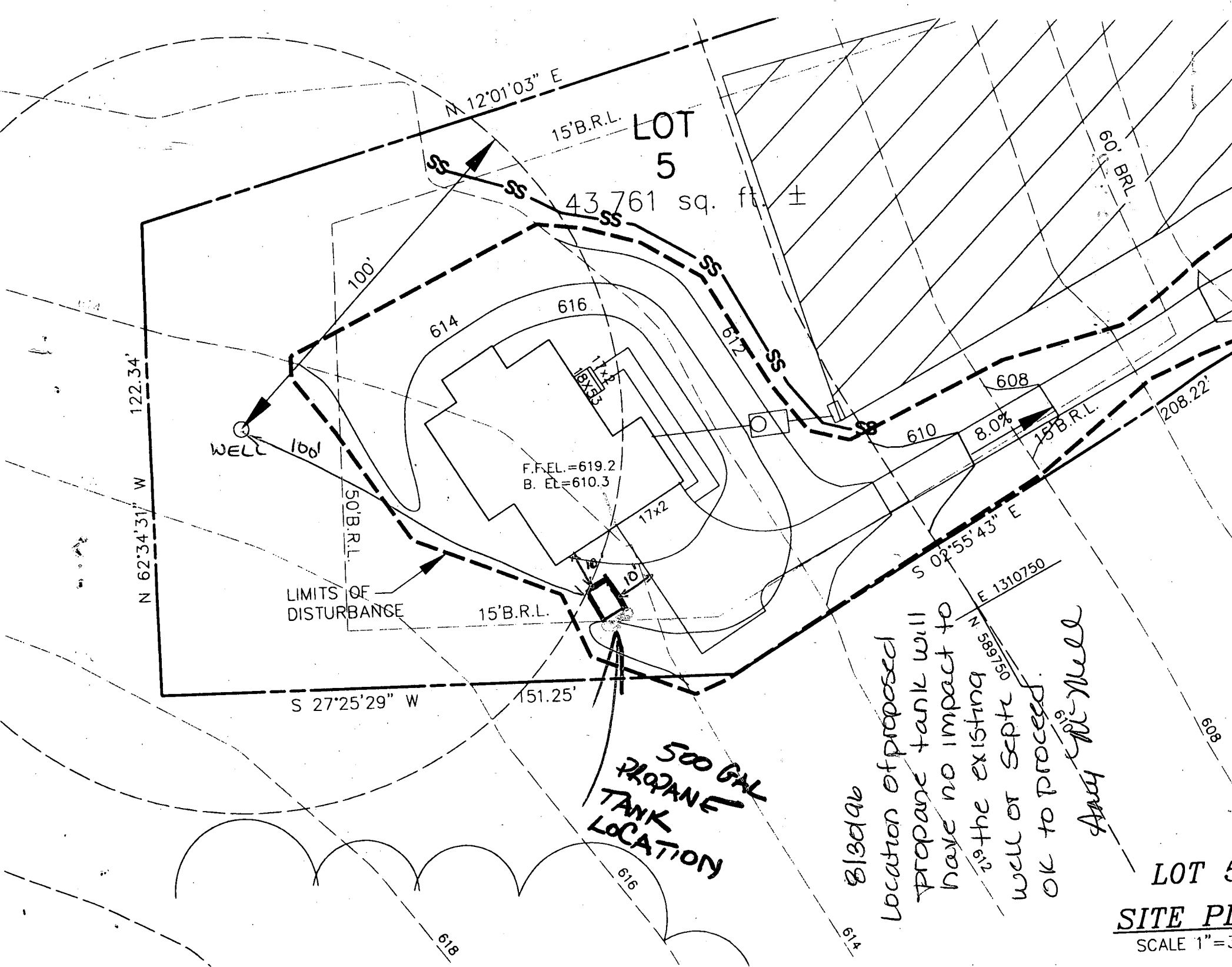
DEPTH (nearest ft.) H0 73 265. S C R E E N SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60

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 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)





LOT 5
43,761 sq. ft. ±

F.F.E.L. = 619.2
B. EL. = 610.3

**500 GAL
PROPANE
TANK
LOCATION**

8/30/96
Location of proposed
propane tank will
have no impact to
the existing
well or septic
OK to proceed.

Andy McNeill

LOT 5
SITE PLAN
SCALE 1" = 3'

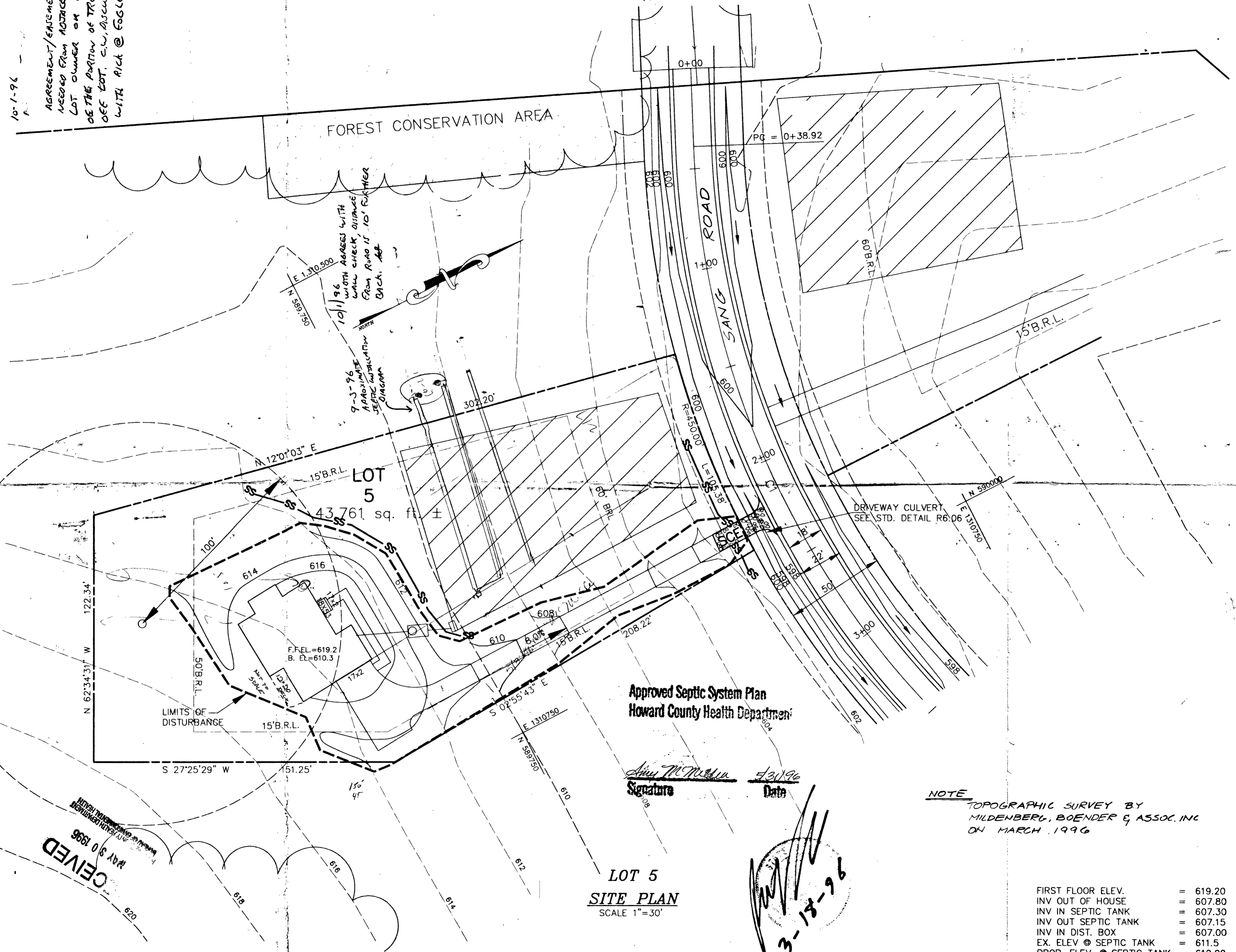
10-1-96

AGREEMENT/EASEMENT
NEEDED FROM ADJACENT
LOT OWNER OR RELOCATE
OF THE PORTION OF TRENCHES
OFF LOT. C.W. DISCUSSED
WITH RICK @ 6:00 PM

FOREST CONSERVATION AREA

10-1-96
WITH AGRES WITH
WALL CHECK, DIMENSE
FROM ROAD IS 10' FURTHER
BACK. AB

9-3-96
APPROXIMATE
SEPTIC INSTALLATION
DIAGRAM



Approved Septic System Plan
Howard County Health Department

Amy McMedea 3/31/96
Signature Date

LOT 5
SITE PLAN
SCALE 1"=30'

3-15-96

NOTE
TOPOGRAPHIC SURVEY BY
MILDENBERG, BOENDER & ASSOC. INC
ON MARCH, 1996

FIRST FLOOR ELEV.	=	619.20
INV OUT OF HOUSE	=	607.80
INV IN SEPTIC TANK	=	607.30
INV OUT SEPTIC TANK	=	607.15
INV IN DIST. BOX	=	607.00
EX. ELEV @ SEPTIC TANK	=	611.5
PROP. ELEV. @ SEPTIC TANK	=	612.00
EX. ELEV @ DIST. BOX	=	610.20

CEIVED
MAY 30 1996

Project: 94032 Illustration: M.P. Scale: 1"=30'

Date: MARCH-96 Engineering: M.P. Approval: JH

HOLLY HILLS, SECTION I
PLOT PLAN

MILDENBERG, BOENDER & ASSOC. INC.
Engineers Planners Surveyors
5072 Dorsey Hill Drive, Suite 202, Ellicott City, Maryland 21042
(410) 987-0296 Fax: (301) 821-5551 Wash. (410) 997-0298 Fax.

1 of 1