

6/11/97  
C.O. ASAP  
6/12/97  
C.O. Kelly

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

04-359674

P 58510

A 50619G

DISTRICT 4th

DATE 6/10/97

DATE SYSTEM APPROVED 6/12/97

INSPECTOR [Signature]

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

XXXXXXXX 313-2640

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

ADDRESS 580-R Obrecht Road Sykesville, MD 21784 PHONE (410) 795-5674

SUBDIVISION Holly Hills Estates LOT 12 ROAD 3338 Sang Road

PROPERTY OWNER Williamsburg Group L.L.C.

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 3 1/2 feet below original grade. Bottom maximum depth 5 1/2 feet below original grade. Effective area begins at 3 1/2 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 125 feet from front lot line and 15 feet off the right (295.00') lot line as viewed from Sang Road. Install trenches on contour toward the left 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 KM 4/16/97

PLANS APPROVED BY Ronald J. Pinkley/Amy McMillen REVISED DATE 04/09/97

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

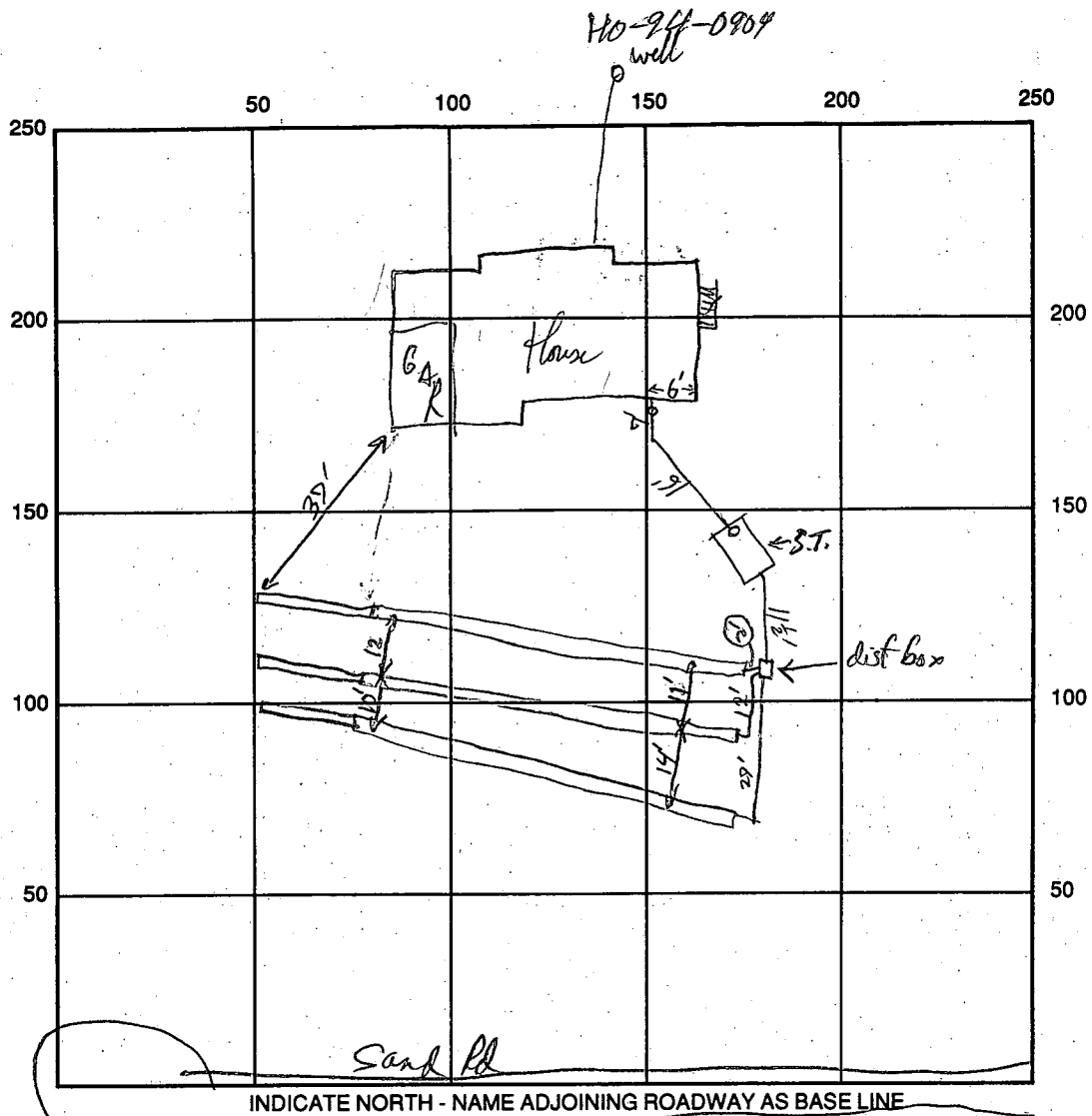
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

BLDG. PERMIT SIGN  
AND RETURNED 7-8-97  
Serial # BVO 106668  
purpose tank

A 50619G



SEPTIC TANK LEVEL 12.50 gcl CLEANOUTS S.T., House, Comp.

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD/TITLE DEPTH 5 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 1/2 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 80/80/80 FT.

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

DRYWALL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS: System already to Core - OK - 6/12/97 RFL - well line Trench dug but Not ready to report

DATE SYSTEM APPROVED 6/12/97 INSPECTOR RFL

# APPLICATION

PERCOLATION TESTING

A 50619G

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 9-28-95

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 Williamsburg Group - LLC

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. 4 <sup>ORIGINAL</sup> NEW LOT # 12

ROAD AND DESCRIPTION PROPERTY HAS APPROX. 175' OF FRONTAGE ON BURNWOODS ROAD - 21 LOT (17 NEWSFD'S) SUBDIVISION EXTENSION OF SANG ROAD

TAX MAP 14 PARCEL # 92 (338) BLDG. PERMIT SIGNED AND RETURNED 4/10/97  
SIZE OF LOT LOT 8; 40,093 SQ FT TYPE BLDG. SFD - 4BIM  
(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. Stephanie Demchuk  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

OLD PENDING FURTHER TESTS \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

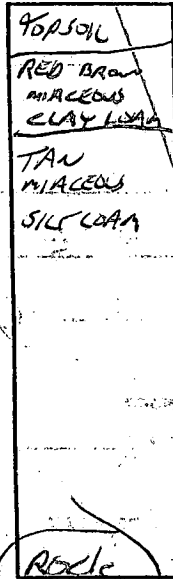
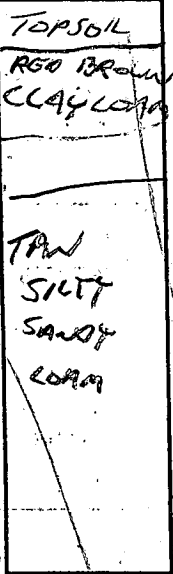
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

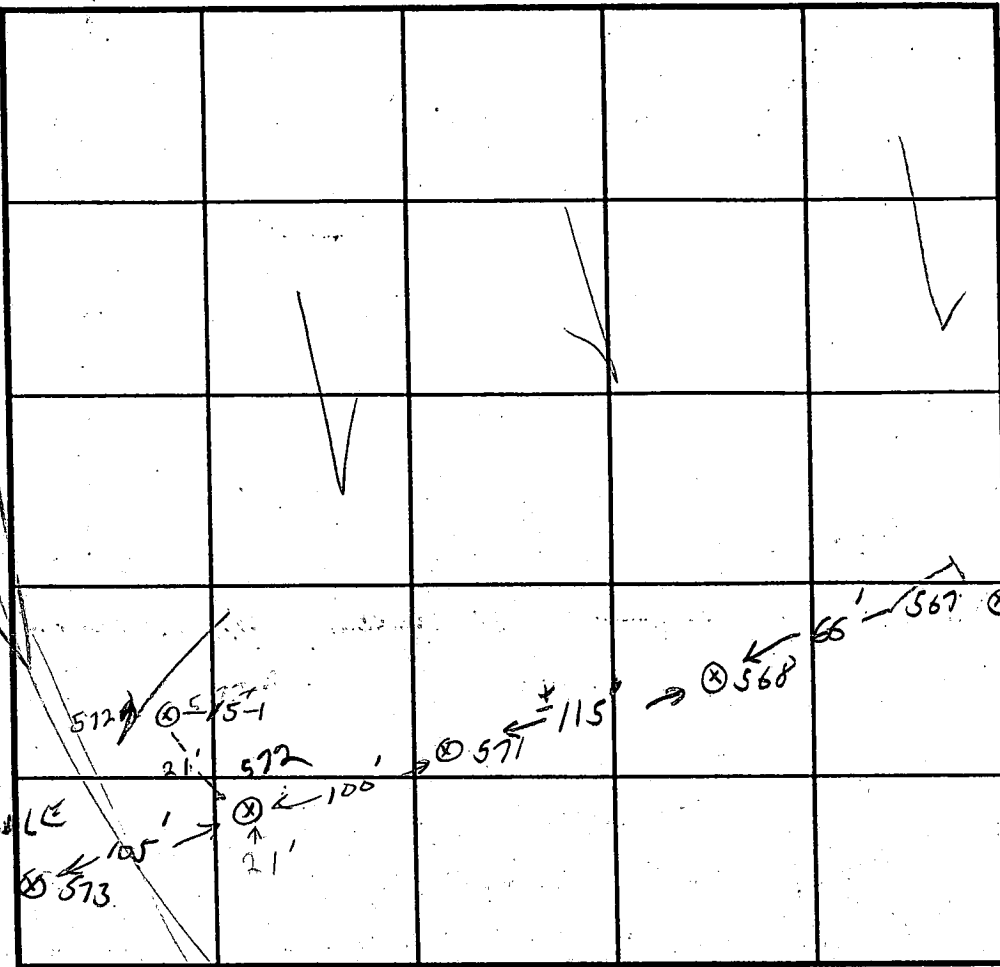
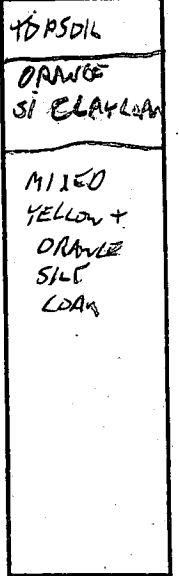
# THIS IS NOT A PERMIT

56679 (G) H  
 COUNTY #

SOIL PROFILE 571



SOIL PROFILE 568



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	LOT	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
				START	STOP	START	STOP	
9-28-95		568	4'	10:49	10:51	10:51	10:56	5 MIN
			8'	10:49	10:51	10:51	10:53	2 MIN
		571	4'	11:08	11:09	11:09	11:11	2 MIN
	LOT G		8'	11:08	11:11	11:11	11:15	4 MIN
		572	4'	11:22	11:24	11:24	11:27	3 MIN
			8'6"	11:22	11:23	11:23	11:27	4 MIN
	LOT F	572A	OK TO 11'					

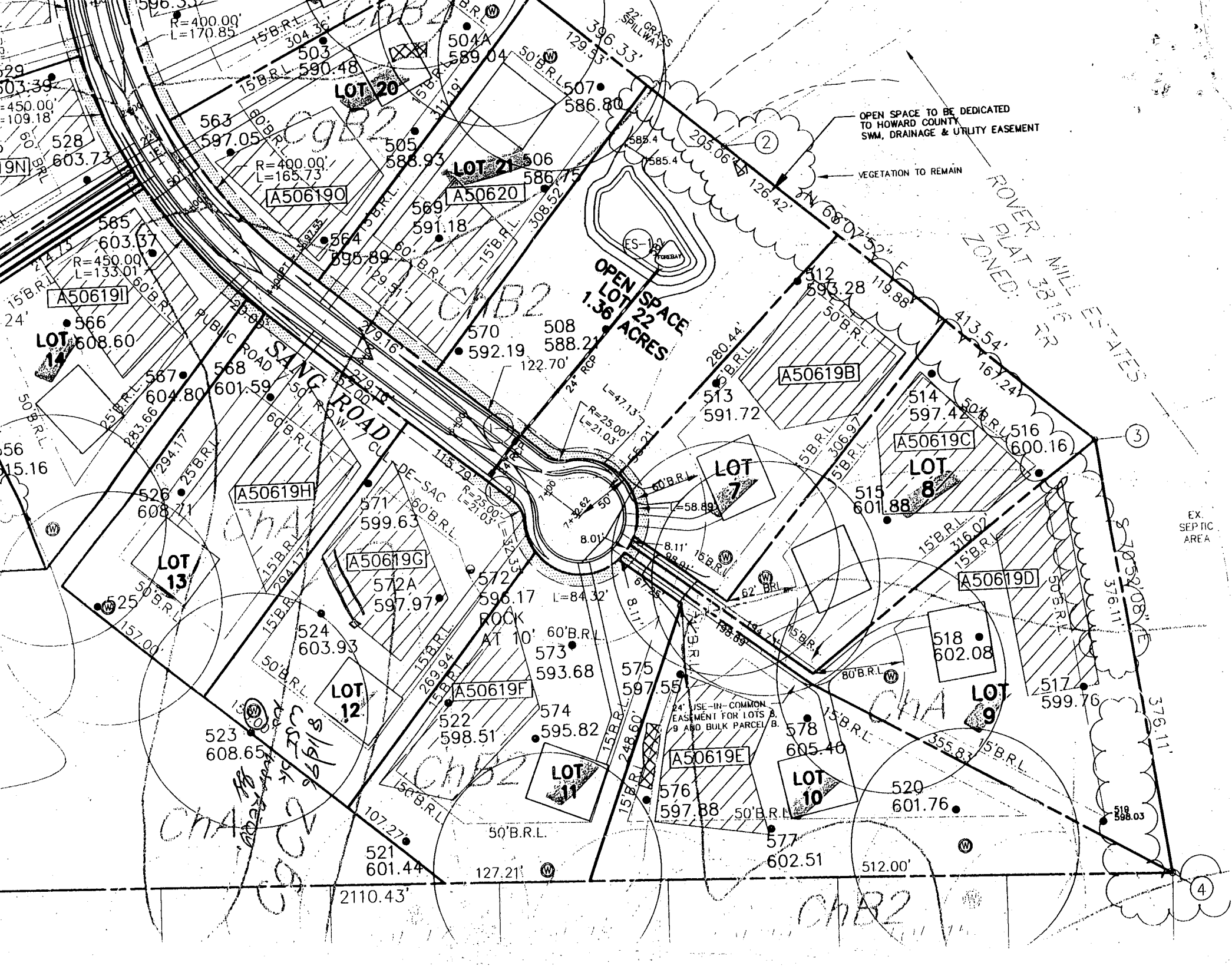
REMARKS LOT 12

TYPE OF SOIL \_\_\_\_\_

TESTED BY GLEN SAVAGE ALSO PRESENT WILL HOPKINS + HELPER

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_



OPEN SPACE TO BE DEDICATED TO HOWARD COUNTY SWM, DRAINAGE & UTILITY EASEMENT

VEGETATION TO REMAIN

ROVER PLAT 3316 TR ZONED: MILL ESTATES

OPEN SPACE LOT 22 1.36 ACRES

EX. SEPTIC AREA

24' USE-IN-COMMON EASEMENT FOR LOTS 8, 9 AND BULK PARCEL B.

CHA  
SANG ROAD  
CMB2

CHA  
CMB2

4

C 1 4586

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, 8 ON ALL CARDS)

COUNTY NUMBER A-50619G

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 082996

Depth of Well 155 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-94-0904

OWNER WILLIAMSBURG BUILDERS STREET OR RD SANG ROAD TOWN SUBDIVISION HOLLY HILLS SECTION LOT 12

WELL LOG table with columns for DESCRIPTION, FEET (FROM, TO), and check if water bearing. Includes handwritten entries for Sand and Gray Micaceous Rock.

GROUTING RECORD form including fields for GROUTING MATERIAL (CEMENT, BENTONITE CLAY), NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, and DEPTH OF GROUT SEAL.

CASING RECORD form including fields for casing types (STEEL, CONCRETE, PLASTIC, OTHER), MAIN CASING TYPE, Nominal diameter, and Total depth.

OTHER CASING (if used) form with fields for diameter and depth.

SCREEN RECORD form including fields for screen type (STEEL, BRASS, BRONZE, PLASTIC, OPEN HOLE, OTHER) and screen diameter.

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED Y (yes) N (no)

- 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...

TYPE: MWD/MSD/MGD DRILLERS LIC. NO. 24

DRILLERS SIGNATURE Joseph P. Mayne

LIC. NO.

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

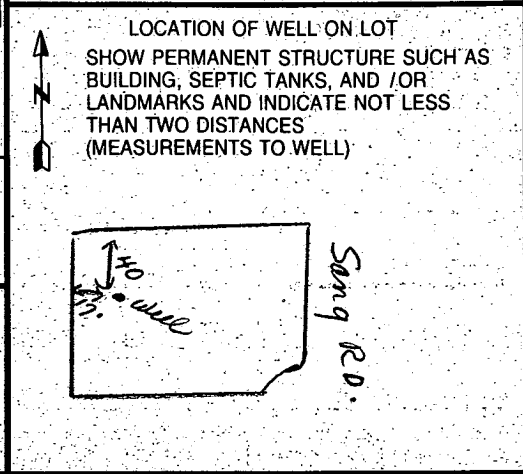
DEPTH (nearest ft.) table with handwritten entries for HO 98 and 155.

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

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

PUMPING TEST form including fields for HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL, BEFORE PUMPING, WHEN PUMPING, and TYPE OF PUMP USED.

PUMP INSTALLED form including fields for DRILLER WILL INSTALL PUMP, TYPE OF PUMP INSTALLED, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, and CASING HEIGHT.



6/18/97

No WSP  
ALM

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-F Ellicott Mills Drive  
Ellicott City, MD 21043  
461-9333

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation   
Replacement?

Receipt #  
Date 6-18-97

Name of Installer Charles A. Klein Sons Inc

Telephone 410-549-6960

License Number 16521  
Certified Well Pump Installer

Well Driller \_\_\_\_\_ Registered Plumber \_\_\_\_\_

Name of Property Owner William King Builders

Telephone 410-997-8800

Subdivision Holly Hills

Lot # 12

Well Tag # HO-94-0904

Site Address 2338 Song Rd Glenwood Md 21738

- Pump**
- Type
    - Deep well jet \_\_\_\_\_
    - Shallow well jet \_\_\_\_\_
    - Submersible \_\_\_\_\_
  - Make \_\_\_\_\_
  - Model # \_\_\_\_\_
  - Capacity \_\_\_\_\_ GPM
  - Pump exceeds well capacity Yes \_\_\_\_\_ No \_\_\_\_\_
  - If Yes, is low pressure cutoff switch installed? Yes \_\_\_\_\_ No \_\_\_\_\_
  - What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors \_\_\_\_\_ Cable guards \_\_\_\_\_ Other \_\_\_\_\_

- Motor**
- Horsepower \_\_\_\_\_
  - RPM \_\_\_\_\_
  - Voltage \_\_\_\_\_
    - 110 \_\_\_\_\_
    - 220 \_\_\_\_\_

- Pitless Adapter**
- Make \_\_\_\_\_
  - Model # \_\_\_\_\_
  - Depth \_\_\_\_\_

- Tank**
- Capacity \_\_\_\_\_
  - Pressure relief valve? \_\_\_\_\_

- Piping**
- Type \_\_\_\_\_
  - Size \_\_\_\_\_
  - NSF and/or BOCA Code approved \_\_\_\_\_
  - Depth of supply line \_\_\_\_\_

- Well data**
- Depth \_\_\_\_\_ ft.
  - Yield \_\_\_\_\_ GPM
  - Static water level \_\_\_\_\_ ft.
  - Will water supply be disinfected by installer? \_\_\_\_\_

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

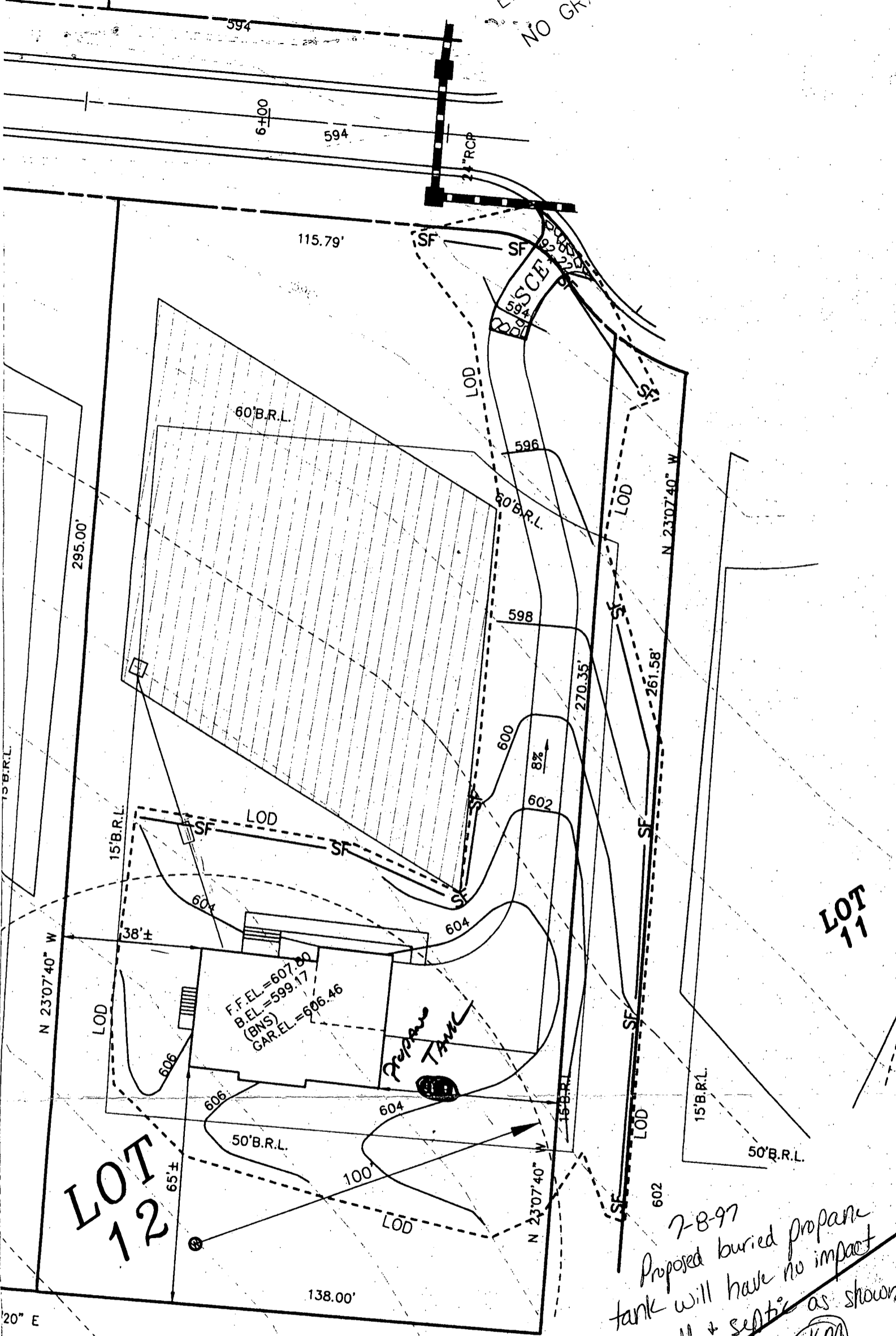
All information given above is true to the best of my knowledge.

Signature of Applicant: Charles A. Klein Jr

Date: 6/18/97

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

NO GK



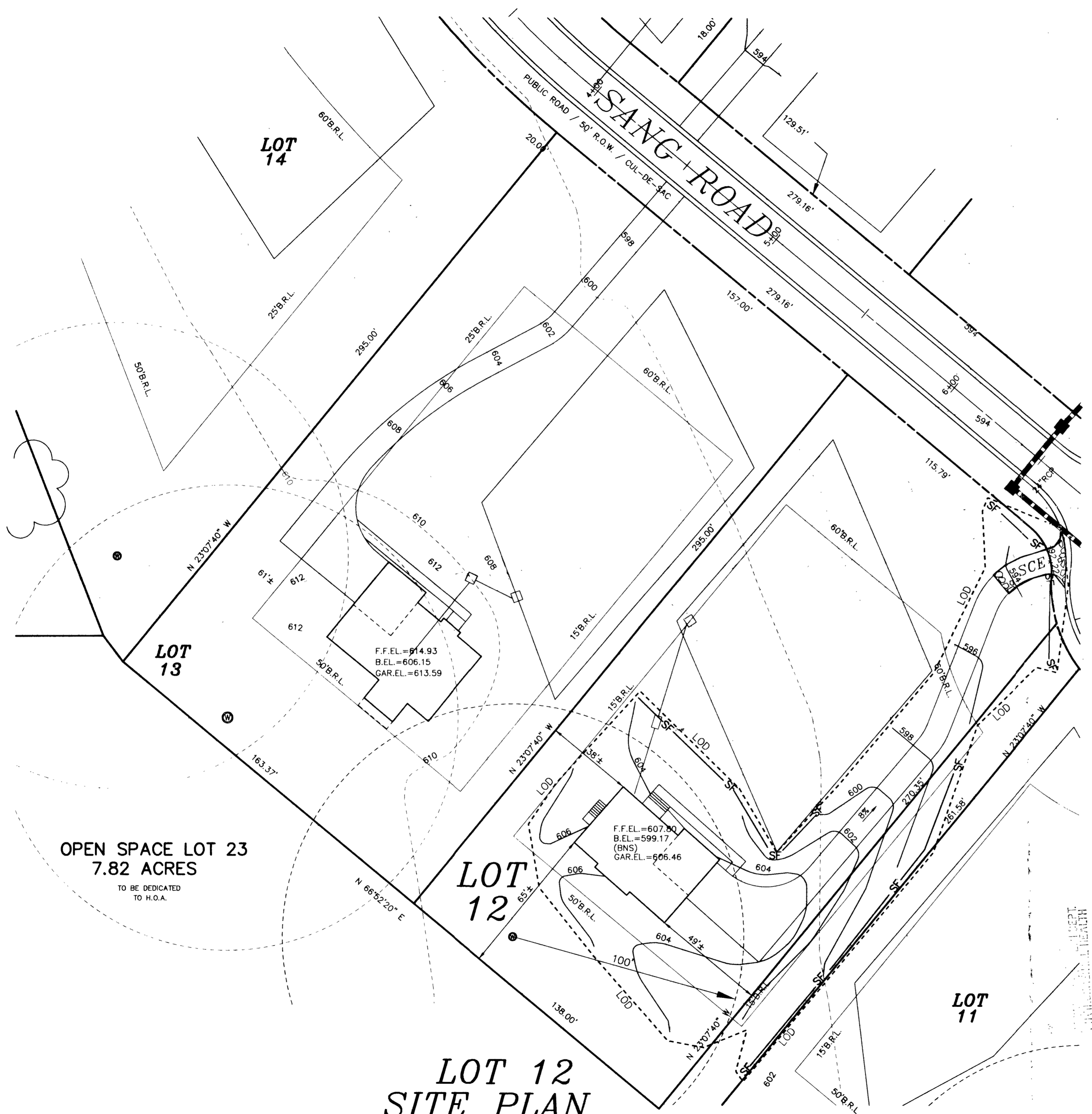
LOT 11

LOT 12

7-8-97  
Proposed buried propane tank will have no impact on well + septic as shown  
(KM)

LOT 12  
SITE PLAN  
1" = 30'

20" E



**LOT 12  
SITE PLAN**  
SCALE: 1"=30'

**OPEN SPACE LOT 23  
7.82 ACRES**  
TO BE DEDICATED  
TO H.O.A.

FIRST FLOOR ELEV.	= 607.80
INV. OUT OF HOUSE	= 600.20
INV. IN SEPTIC TANK	= 599.70
INV. OUT SEPTIC TANK	= 599.45
INV. IN DIST. BOX	= 599.00
EXIST. ELEV. @ SEPTIC TANK	= 603.50
PROP. ELEV. @ SEPTIC TANK	= 603.50
EXIST. ELEV. @ DIST. BOX	= 602.00

NO GRAVITY SEWER TO BASEMENT  
LENGTH OF TRENCH TO BE DETERMINED  
AT TIME OF SEPTIC PERMIT ISSUANCE

Approved Septic System Plan  
Howard County Health Department

*Amey McMillen* 4/10/97  
Signature Date

NOTE: REFER TO GP-97-134

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.

*Suzanne P. Davis* 4/13/97  
DEVELOPER'S SIGNATURE DATE  
**SUZANNE P. DAVIS, AGENT**  
DEVELOPER'S NAME

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN, BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

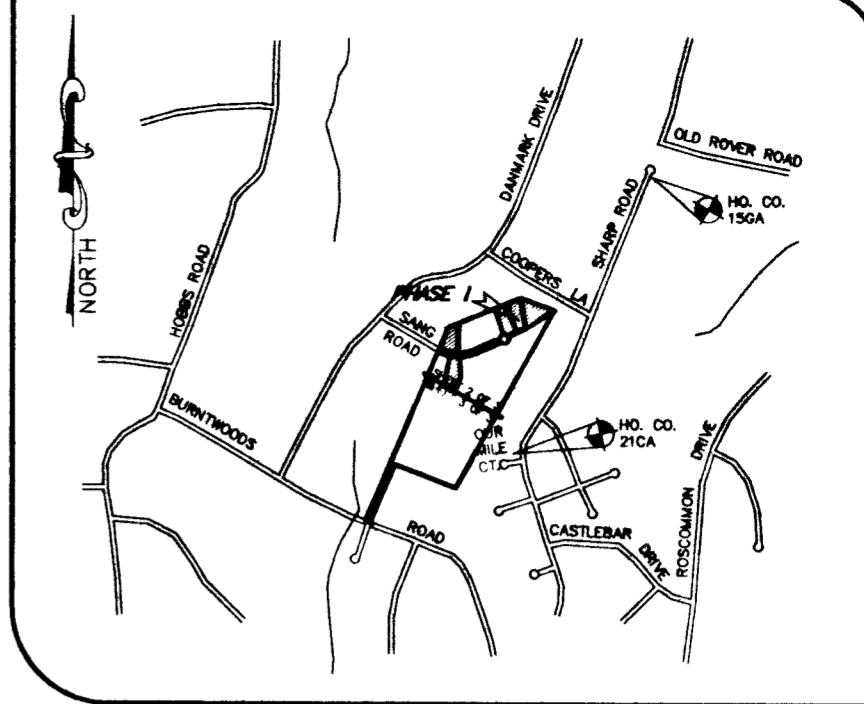
*John M. Miller* 4/13/97  
ENGINEER'S SIGNATURE DATE  
**John M. Miller**  
ENGINEER'S NAME

REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS.

*Cheryl L. Summers* 04-08-97  
USDA-NATURAL RESOURCES CONSERVATION SERVICE DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE SOIL CONSERVATION DISTRICT.

*John P. Roberts* 4/8/97  
HOWARD SCD DATE



**VICINITY MAP**  
SCALE: 1" = 2000'

Project	08009	date	SEPT 96
Illustration	M.P.	engineering	M.P.
Scale	1"=30'	approved	JH

**HOLLY HILLS, SECTION I**  
PLOT PLAN

**MILDENBERG, BOENDER & ASSOC. INC.**  
Engineers Planners Surveyors  
5072 Doveson Hill Drive, Suite 202, Ellicott City, Maryland 21042  
(410) 887-0288 Fax: (301) 821-5521 Telex: (410) 887-0288 Fax.

1 OF 2