

5115148  
C.O 2:00  
5/18/98  
ASAP

pump insp -  
6-30-98  
300

Needs Pump Test

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

04-359755

P 59843

A 50619-0

DISTRICT 4th

DATE 3-3-98

DATE SYSTEM APPROVED 10-30-98

INSPECTOR KM

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
~~XXXXXXXX~~ 410-313-2640

INDEXED

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

ADDRESS 558-R Obrecht Road, Sykesville, MD 21784 PHONE 410-795-5674

SUBDIVISION Holly Hills LOT 20 ROAD 3311 Sang Road

PROPERTY OWNER Williamsburg Group, LLC GARY R. JANET WRIGHT

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

#### PUMPED SEPTIC SYSTEM REQUIRED

INSTALL: 1000 Gallon PUMP Pit with Dual/Single Controls and Alarms.

Contractor to supply pump detail prior to issuance of septic permit.

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 10 feet off the front lot line and 55 feet off the left lot line as seen when facing the lot from Sang Road. Run trenches along contour towards 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. 2/25/98 OK A McMillen

PLANS APPROVED BY Donna K. Soe DATE 02/13/98

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

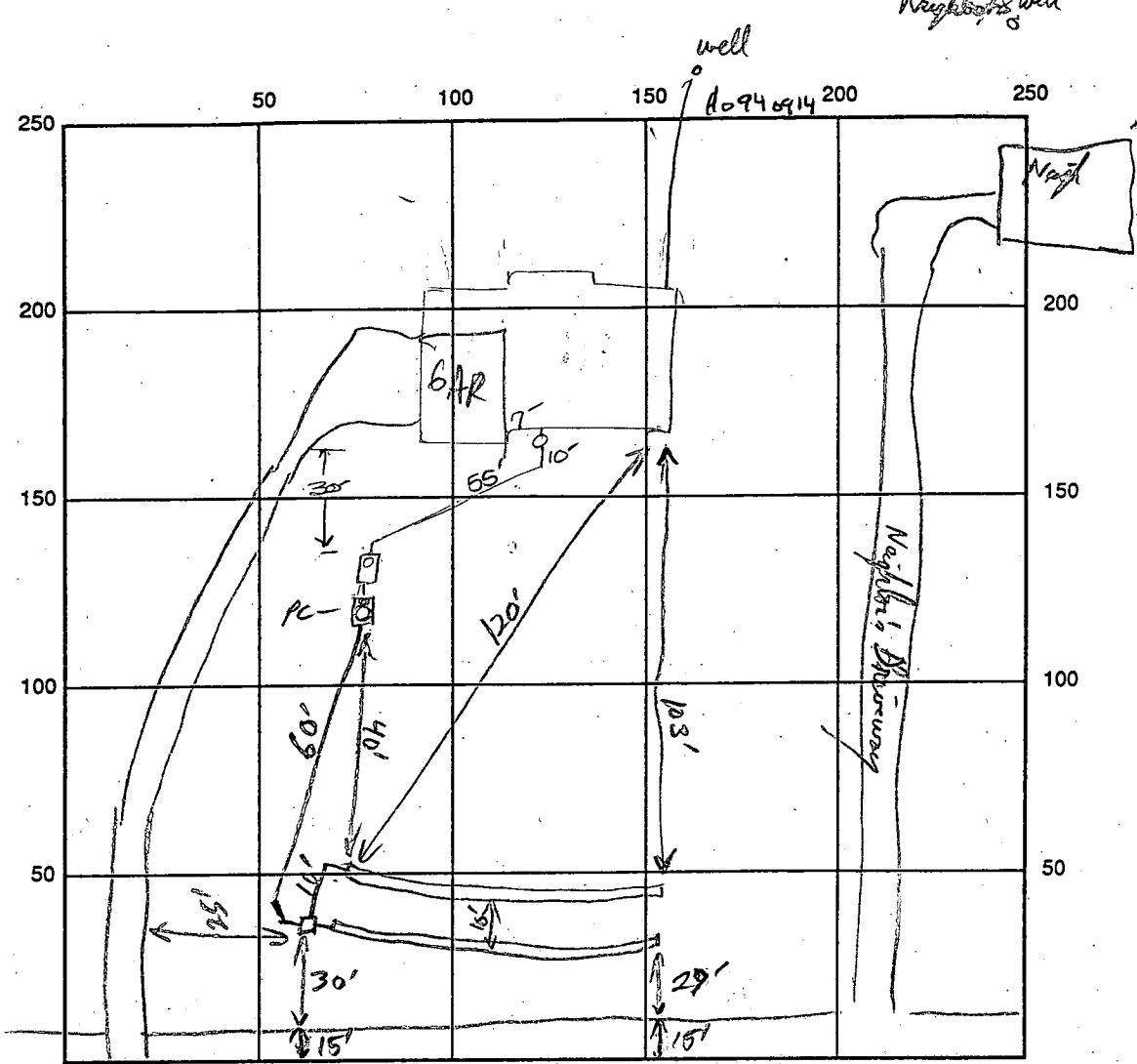
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

BLDG. PERMIT SIGNED  
AND RETURNED 5-12-99  
Serial # BM 117895  
John R. Dea

A 50619-0



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK 1250 gal (Mid Seam) CLEANOUTS 1 at house, 1 on tank  
*pump chamber* 1000 gal (Mid Seam)  
 DISTRIBUTION BOX LEVEL 1 on pump pit

DRAIN FIELD/TITLE DEPTH 9 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.  
 EFFECTIVE GRAVEL DEPTH 4' FT. TOTAL LENGTH 90/90 FT.  
 NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 540 SQ. FT.  
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.  
 ABSORBENT AREA — SQ. FT.

REMARKS: 5/15/98 OK to cover from house to septic tank and  
continue DCS Finished Trench + all work OK to cover - New Pump Test H/S 5/18/98  
6.30.98 pump check OK, alarms working (Km)

DATE SYSTEM APPROVED 6.30.98 INSPECTOR Kimberly Maisto

# APPLICATION

PERCOLATION TESTING

A 5061900

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2840

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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

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 8

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 3311 BLDG. PERMIT SIGNED AND RETURNED 2-13-98 SFD-4Bim (SINGLE FAMILY DWELLING OR COMMERCIAL)

SIZE OF LOT LOT 8; 40,093 SQ FT TYPE BLDG. \_\_\_\_\_

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 Demchik (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

A 50619-0

COUNTY #

SOIL PROFILE

563

SIMILAR TO PREVIOUS

SOIL PROFILE

564

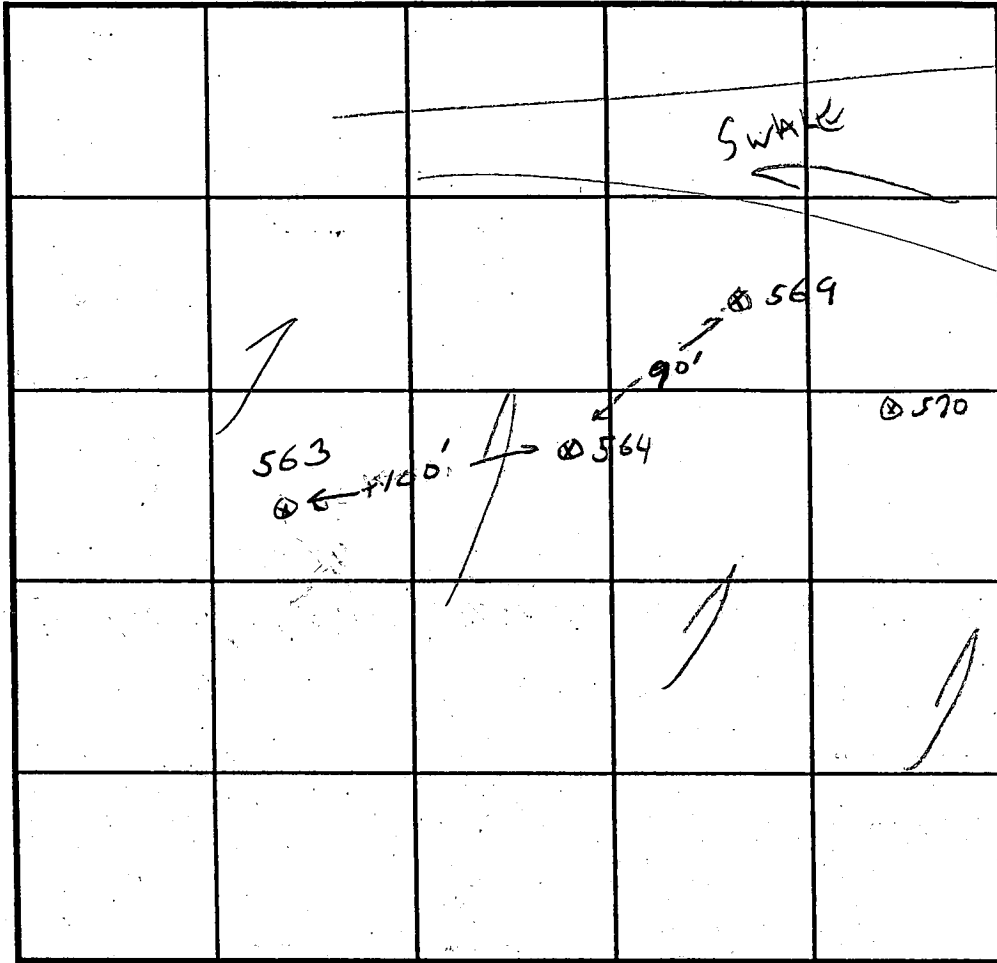
TOP SOIL

1 BROWN CLAY SILT LOAM

2 LIGHT TAN SANDY SILT LOAM

4 PINK SANDY SILT LOAM

11



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9-28-95	OK TO " 564	3' 6"	2:31	2:36	2:36	2:52	16 MIN
	OK TO " 563	4'	2:47	2:48	2:48	2:50	2 MIN
	"	8'	2:48	2:49	2:50		
	"	REPAIR	2:51	2:52	2:52	2:54	2 MIN
	"						

REMARKS LOT 20

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

TESTED BY GLEN SAVAGE ALSO PRESENT WILL HARRIS + HELPER

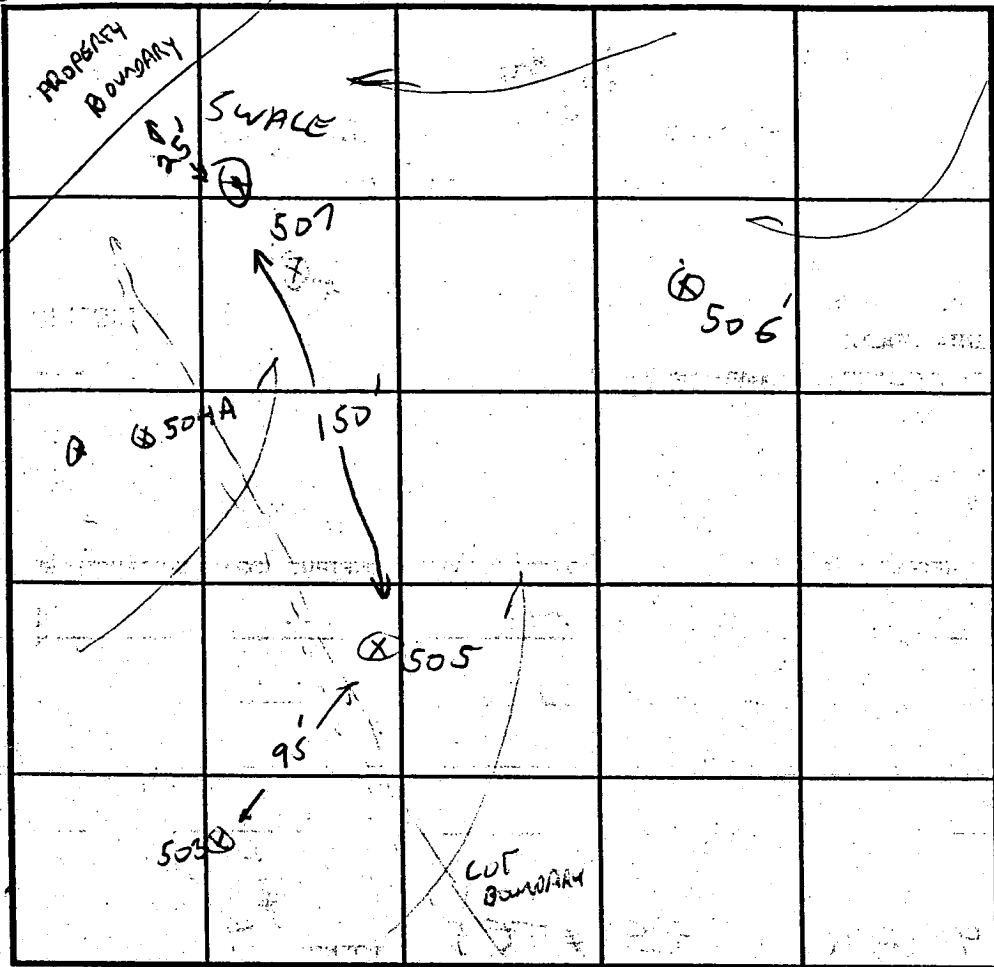
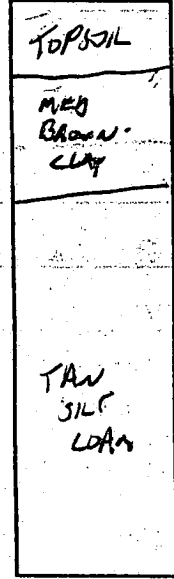
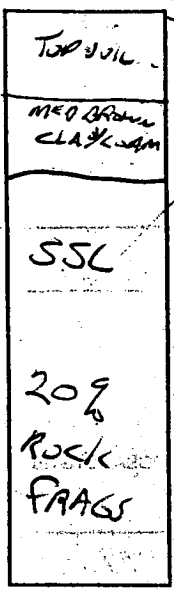
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 7 min TRENCH WIDTH 2

INLET DEPTH 3 MAXIMUM BOTTOM DEPTH 7 SQ. FT./BEDROOM 180

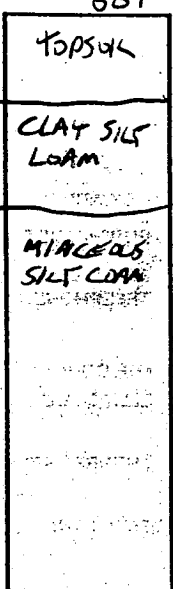
A-50619-0

COUNTY #

SOIL PROFILE



SOIL PROFILE



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	505	3.5'	2:05	2:08	2:08	2:13	5 MW
		7'	2:04 <sup>30</sup>	2:07 <sup>30</sup>	2:07 <sup>30</sup>	2:12	5 MW
	507	4'6"	2:21	2:22	2:22	2:28	5 MW
	506	4'	2:41	2:44	2:44	2:49	5 MW
		6'8"	2:41	2:42	2:42	2:43	1 MW
		REPAIR	2:45	2:46	2:46	2:47	1 MW
		REDIG 6'2"	2:50	2:52	2:52	2:54	2 MW
	REPAIR	6'2"	2:55	2:57	2:57	2:59	2 MW

REMARKS DAVE KEAR HAS CONCERN WITH PROXIMITY TO SCALE

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

TESTED BY GLEN STAVAGE ALSO PRESENT DAVE KEAR

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 5 MW TRENCH WIDTH 3

INLET DEPTH 4'6" MAXIMUM BOTTOM DEPTH 11 SQ. FT./BEDROOM 180

B 1 **3049** SEQUENCE NO. (MDE USE ONLY)

THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS

STATE OF MARYLAND  
PERMIT TO DRILL WELL  
please print or type

STATE PERMIT NUMBER  
**HO-94-0919**  
fill in this form completely

**OWNER INFORMATION**

Date Received (APA) **03/19/96**

**WILLIAMSBURG BUILDERS**  
15 Last Name 13 Owner 34 First Name

**5485 HARDERS FARM RD**  
36 Street or RFD 55

**CO LUMBIA MD 21049**  
57 Town 70 State 72 Zip 76

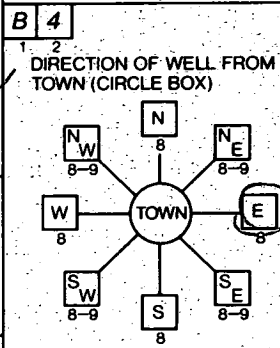
**LOCATION OF WELL**

**HOWARD** COUNTY  
**HOLLY HILLS** SUBDIVISION  
SECTION **44** LOT **20**  
**GLenwood** NEAREST TOWN  
MILES FROM TOWN (enter 0 if in town) **3** MI

**DRILLER INFORMATION** CIRCLE: MSD/MGD/MWD

**Joseph K. Mays** Driller's Name  
**Joseph K. Mays Well Drilling** Firm Name  
**5512 Ridge Rd. Mt. Airy 2177** Address  
**Joseph K. Mays 3/19/96** Signature Date

77 License No. **24**



**Sang Road** NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
**N** (North side is circled)  
WEST EAST SOUTH

DISTANCE FROM ROAD **275** FT  
ENTER FT OR MI **FT**

TAX MAP: **14** BLK: \_\_\_\_\_ PARCEL **92**

**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  
**50619-0** COUNTY NO.

STATE SIGNATURE \_\_\_\_\_ DATE ISSUED **08/30/96** INSERT S \_\_\_\_\_  
**John Savage** CO SIGNATURE **8/30/97** EXP. DATE

NORTH GRID **529000** EAST GRID **798000**

APPROXIMATE DEPTH OF WELL **270** 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. **Well**  
2. \_\_\_\_\_  
3. \_\_\_\_\_

WRITE THE BOX NUMBER FROM THE MAP HERE

**798**  
**528**

**REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)**

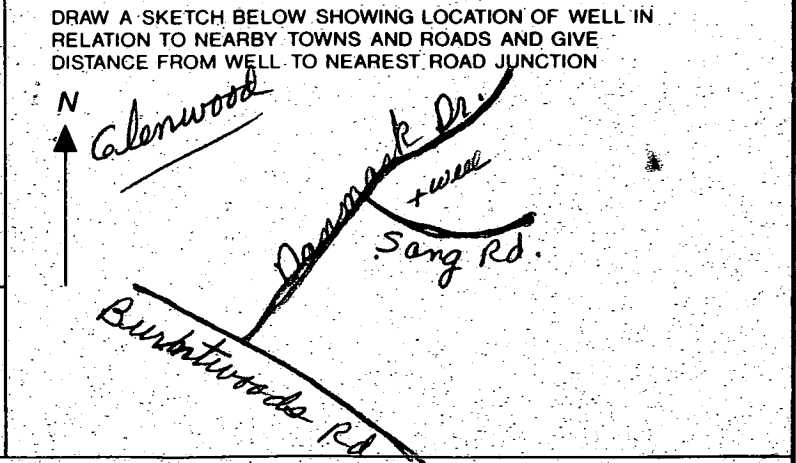
THIS WELL WILL NOT REPLACE AN EXISTING WELL

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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

THIS WELL WILL DEEPEIN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) \_\_\_\_\_



**Not to be filled in by driller (MDE OR COUNTY USE ONLY)**

APPROP. PERMIT NUMBER \_\_\_\_\_

FORCE **GS** WRITE INITIALS IN BOX PERMIT No. **HO-94-0919**

C1 4589

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 COLUMNS 3-6 ON ALL CARDS)

COUNTY NUMBER A-50619-0

DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM 'PERMIT TO DRILL WELL'

Grid for date received

090496

22 200 26

HD-94-0914

OWNER WILLIAMSBURG BUILDERS, STREET OR RFD SANG ROAD, TOWN GLENWOOD, SUBDIVISION HOLLY HILLS, SECTION, LOT 20

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 entries for Sand and Gray Mica Rock.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N), TYPE OF GROUTING MATERIAL (Cement, Bentonite Clay), NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL

CASING RECORD

MAIN CASING TYPE (S, T, PL, ST), Nominal diameter, Total depth of main casing

OTHER CASING (if used)

Table for other casing with columns for diameter and depth

SCREEN RECORD

screen type or open hole (S, BR, HO, PL, OT)

DEPTH (nearest ft.) table with columns 1-51, SLOT SIZE 1-3, DIAMETER OF SCREEN

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T, W.Q.

TELESCOPE CASING, LOG INDICATOR, OTHER DATA

C 3

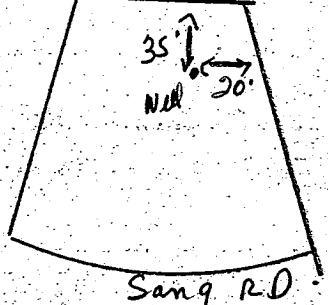
PUMPING TEST

HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL, TYPE OF PUMP USED (S)

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (NO), TYPE OF PUMP INSTALLED PLACE, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT

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)



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

CIRCLE APPROPRIATE LETTER A, E, P

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04

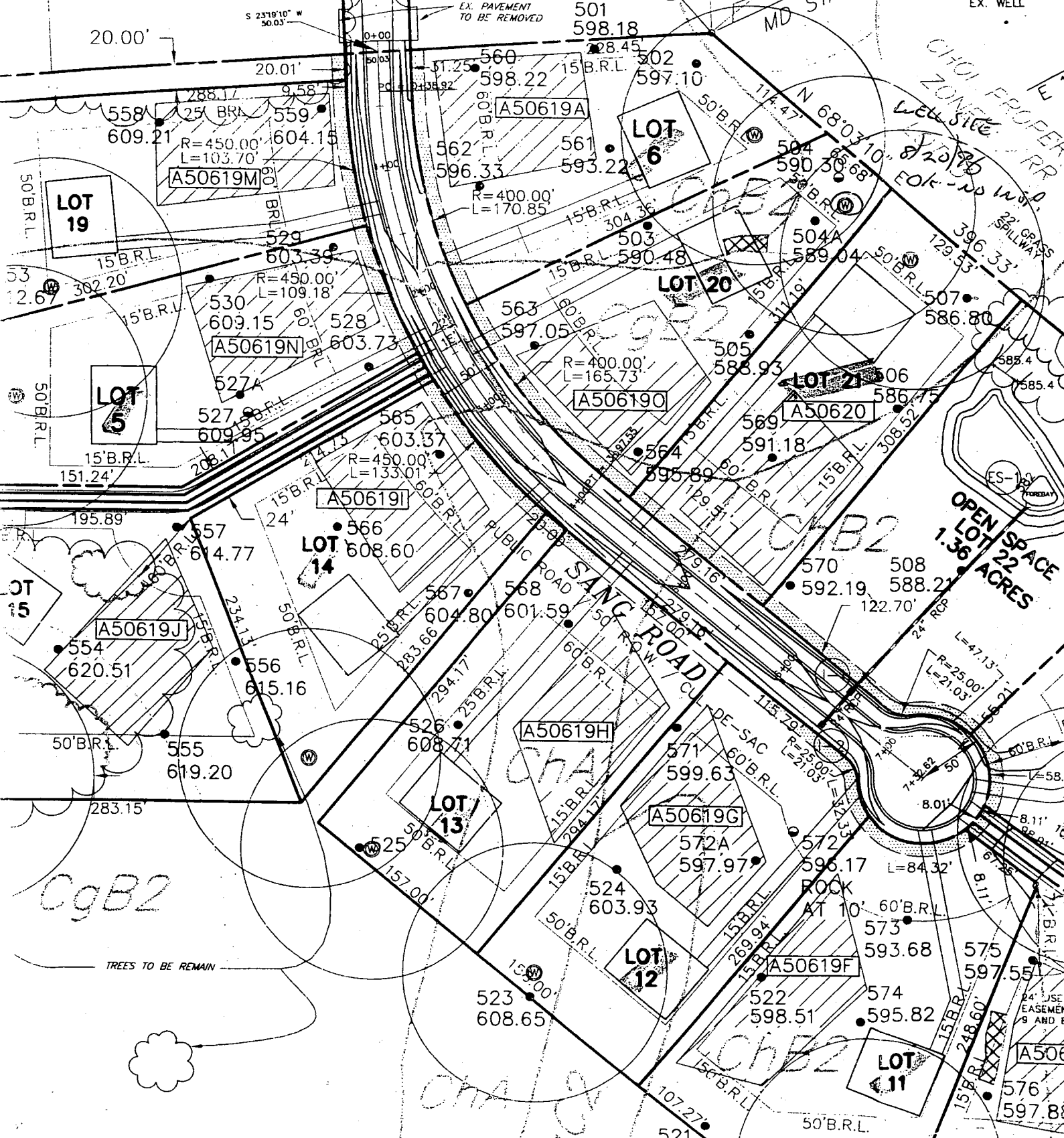
TYPE: MWD/MSD/MGD, DRILLERS LIC. NO. 24, DRILLERS SIGNATURE Joseph L. Mayne

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION), LIC. NO. 21, DRILLERS SIGNATURE Larry Mayne

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

SANG ROAD  
50' B.R.L. / LOCAL ROAD  
HONOLULU COUNTY PUBLIC ROAD

STATE PLANE



20.00'

S 23°19'10" W  
50.03'

EX. PAVEMENT  
TO BE REMOVED

EX. WELL

LOT 19

A50619M

R=450.00'  
L=103.70'

LOT 5

A50619N

R=450.00'  
L=109.18'

A50619I

R=450.00'  
L=133.01'

LOT 14

A50619J

A50619H

A50619G

LOT 13

LOT 12

A50619F

LOT 11

A5061

LOT 6

LOT 20

LOT 21

OPEN SPACE  
1.36 ACRES

CgB2

TRES TO BE REMAIN

CHA

ChB2

CHOI PROPERTY  
ZONING  
WELL SITE

WELL SITE  
EOK - NO W.P.

ES-18  
FOREST

24" USE-IN  
EASEMENT  
9 AND BUL

LOT 4

1

MD

174.47'

680.310'

25' GRASS  
DRAINAGE  
396.33'

129.53'

586.80'

585.4'

585.4'

588.21'

122.70'

L=47.13'

R=25.00'  
L=21.03'

L=84.32'

8.11'

8.11'

576'

597.88'

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720  
597.10

6/15/98

6/12/98  
am WPI  
RE-SCAFOLD FOR  
6/15/98

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
461-8833

The well contains a  
two piece well cap, that's at least  
eight inches above grade, a  
pitless well adapter 48 inches below  
grade screen vents and the  
line is sleeved (2 piece cap)  
Needs electrical conduit pipe

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation   
Replacement

Receipt # \_\_\_\_\_  
Date 6-9-98

16M

Name of Installer Charles A Klein & Sons Inc

Telephone 410-949-6960

License Number 16521

Certified Well Pump Installer  Well Driller  Registered Plumber

Name of Property Owner William King Group

Telephone 410-997-8900

Subdivision Holly Hills Lot # 20

Well Tag # HO-94-0314

Site Address 3311 Sandy Rd

Pump

- Type
  - Deep well jet \_\_\_\_\_
  - Shallow well jet \_\_\_\_\_
  - Submersible
- Make WX-202
- 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 1/2
- 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 200 ft.
- Yield 20 GPM
- Static water level 33 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: 6-9-98

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

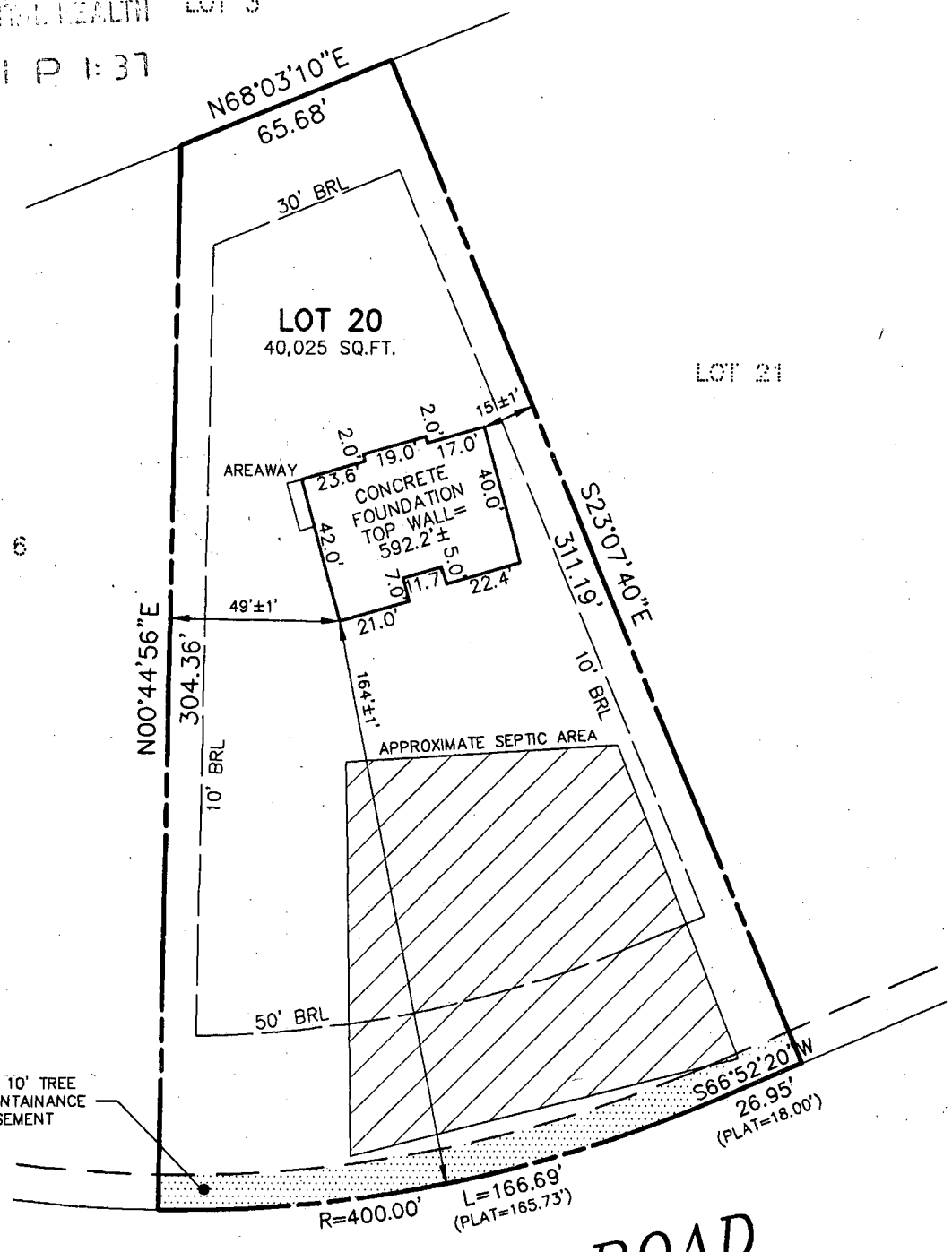
ENVIRONMENTAL HEALTH

LOT 3

1998 MAR 31 P 1:31



LOT 6



**HOLLY HILLS**  
SECTION TWO

Lots 10 Through 21, Open Space  
Lots 22 and 23, and Preservation  
Parcel "A". A Resubdivision of Holly Hills  
Section 1, Bulk Parcels "A" and "B"

**LEGEND**

- O/H = OVERHANG
- H/P = HEAT PUMP/AIR COND.
- G/M = GAS METER
- E/M = ELECTRIC METER
- F/P = FIREPLACE
- B/W = BAY WINDOW
- D/W = DRIVEWAY
- CONC = CONCRETE

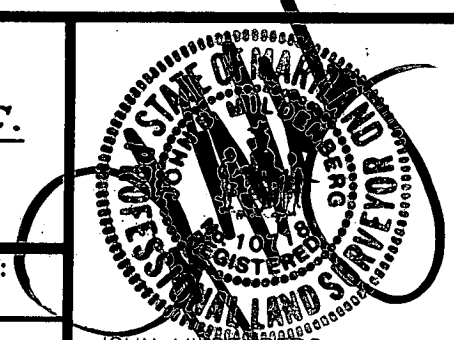
ADDRESS No.: 3311 SANG RD

PLAT NUMBER: 12601-12603  
ELECTION DISTRICT No. 4  
HOWARD COUNTY, MARYLAND

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.

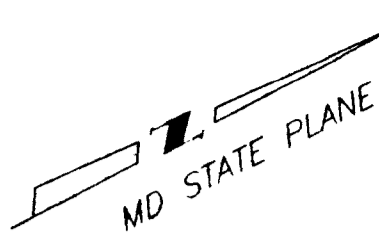
**MILDENBERG**  
**BOENDER, & ASSOC., INC.**

Engineers Planners Surveyors  
5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042  
(410) 997-0296 Balt. (301) 621-5521 Wash. (410) 997-0298 Fax.



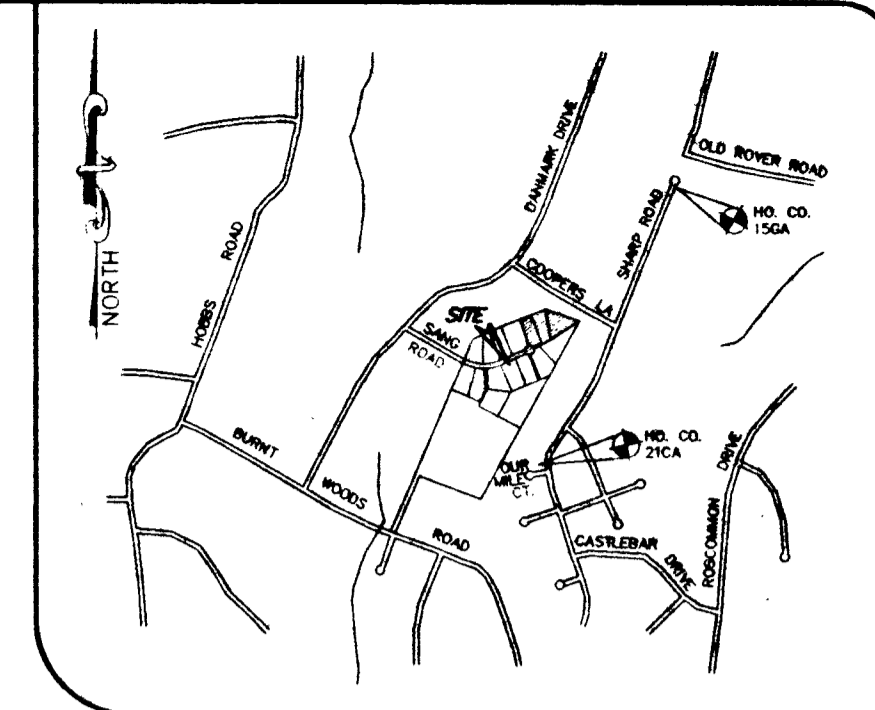
FOUNDATION	DATE: 03/04/98	FINAL	DATE:
DRAWN BY: J.Y.W.	SCALE: 1"=50'		
PROJECT NO.: 96009	LOCATION DRAWING		

JOHN MILDENBERG  
PROF. LAND SURVEYOR  
MARYLAND No. 10718



CHOI PROPERTY  
PLAT 10631  
LOT 5

CHOI PROPERTY  
PLAT 10631  
LOT 5



VICINITY MAP  
SCALE: 1" = 2000'

LOT 19

SECTION I,  
LOT 6

SECTION I,  
LOT 5

LOT 20  
40,025 SQ. FT.

LOT 21  
40,128 SQ. FT.

LOT 14

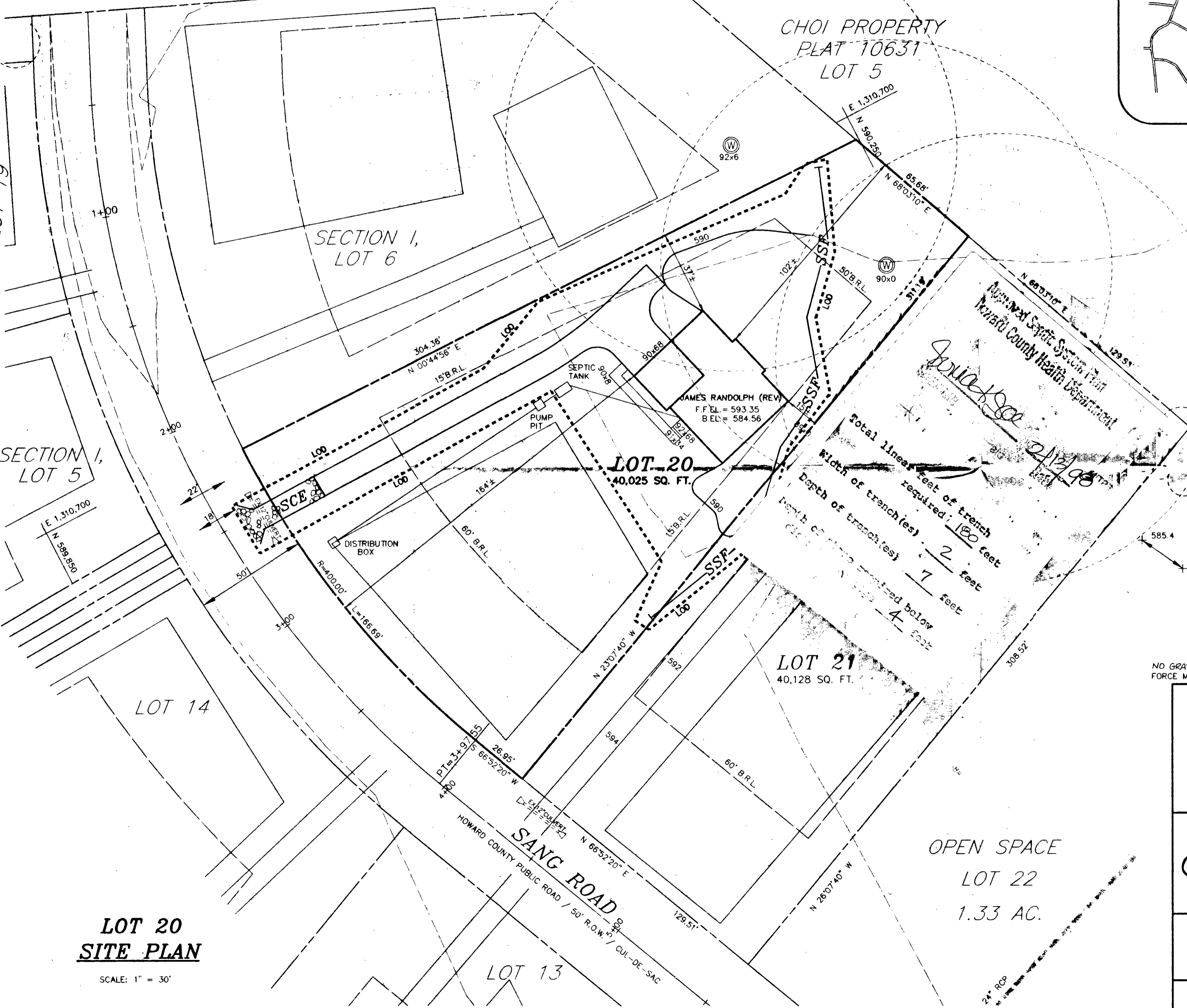
LOT 13

SANG ROAD  
HOWARD COUNTY PUBLIC ROAD / 50' R.O.W. / CUL-DE-SAC

LOT 20  
SITE PLAN

SCALE: 1" = 30'

PROJ. DWG. LOT 20



Total linear feet of trench required: 180 feet  
Width of trench(es): 2 feet  
Depth of trench(es): 7 feet  
Depth of trench(es) below ground surface: 4 feet

FIRST FLOOR ELEV.	= 593.35
INV. OUT OF HOUSE	= 588.00
INV. IN SEPTIC TANK	= 587.00
INV. OUT SEPTIC TANK	= 586.75
INV. IN PUMP PIT	= 586.54
EXIST. ELEV. @ SEPTIC TANK	= 590.50
PROP. ELEV. @ SEPTIC TANK	= 590.50
EXIST. ELEV. @ DIST. BOX	= 597.50
INV. IN DIST. BOX	= 594.50

NO GRAVITY SEWER FROM BASEMENT.  
FORCE MAIN REQUIRED FROM PUMP PIT TO DISTRIBUTION BOX.

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.

*James P. Davis* 1/14/95  
OWNER'S SIGNATURE DATE  
**JAMES 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. Boender* 1/15/95  
ENGINEER'S SIGNATURE DATE  
**John M. Boender**  
ENGINEER'S NAME

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT  
*Cheryl Simon* 1/25/95  
DATE

USDA-NATURAL RESOURCES CONSERVATION SERVICE  
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE SOIL CONSERVATION DISTRICT.  
*John M. Boender* 1/25/95  
DATE

OPEN SPACE  
LOT 22  
1.33 AC.

PROJECT: 98009  
DATE: SEPT 98  
DRAWN BY: M.P.  
CHECKED BY: J.H.

HOLLY HILLS, SECTION II, LOT 20  
PLAT 12602  
PLOT PLAN - LOT 20

**MILDENBERG, BOENDER & ASSOC. INC.**  
Engineers, Planners, Surveyors  
5072 Dineen Hill Drive, Suite 202, Ellicott City, Maryland 21042  
(410) 597-0286 Fax (301) 627-5321 Wash. (410) 997-0288 Fax

LOT 3



LOT 6

N68°03'10"E  
65.68'

30' BRL

LOT 20  
40,025 SQ.FT.

TOP OF FOUNDATION ELEV. = 592.2'±  
FIRST FLOOR ELEV. = 593.5'±

AREAWAY

2 STORY  
FRAME WITH  
BASEMENT

15'±1'

N00°44'56"E

304.36'

10' BRL

ASPH. DRIVE

50' BRL

19.0' 17.0'  
23.6' 4.20'  
19.6' 5.1'  
14.5'

CONC WALK & STOOP

311.19'

S23°07'40"E

10' BRL

LOT 21

APPROXIMATE SEPTIC AREA

5/12/99  
proposed deck/  
porch location  
or as shown  
*(DKS)*

EX. 10' TREE  
MAINTENANCE  
EASEMENT

PVC RAIL FENCE

S66°52'20"W  
26.95'  
(PLAT=18.00')

R=400.00'  
L=166.69'  
(PLAT=165.73')

**SANG ROAD**  
(50' RIGHT-OF-WAY)

**HOLLY HILLS**  
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