

8-4-98  
C.O. (open trench) 10am  
+ later

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 510590

A REPAIR

DISTRICT \_\_\_\_\_

DATE 7-29-98

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 410-313-2640

**INDEXED**

DATE SYSTEM APPROVED 8-5-98

INSPECTOR KM

**05-411815**

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL \_\_\_\_\_ ALTER

ADDRESS 4410 Salem Bottom Road Westminster, MD 21157 PHONE (410) 875-4197

SUBDIVISION Hedgerow LOT 20 ROAD 13633 Gilbride Lane

PROPERTY OWNER Harry Stout

ADDRESS 13633 Gilbride Lane

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 6

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 270

(180' of trench has already been installed on 7-9-96)  
(additional trench needed due to increase in bedrooms)  
KM 8-4-98

REPAIR - PURPOSE - IN SUPPORT OF BUILDING PERMIT B00112120.

Call for inspection when ground is opened so sanitarian can recommend repair. 06/26/98

Bottom of trench to be 9' below grade, inlet to be 5' below grade,  
4' of stone, 100' of trench required

PLANS APPROVED BY Kim Maisto DATE 8-4-98

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

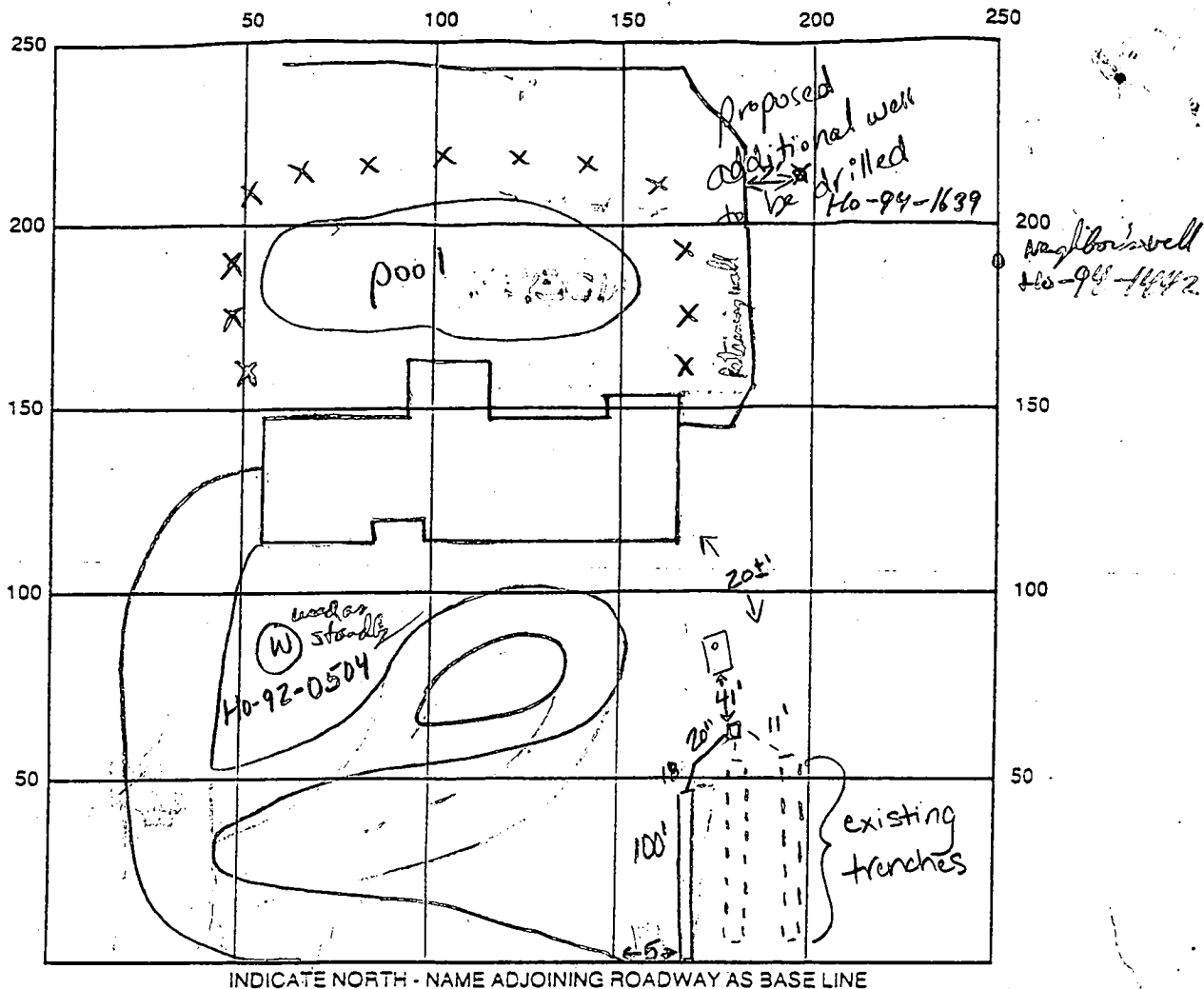
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

\*CALL 451-9933 FOR INSPECTION OF SEPTIC SYSTEM.

510590



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL existing CLEANOUTS 1 on tank

DISTRIBUTION BOX LEVEL existing

DRAIN FIELD/TITLE DEPTH 9.0 FT. TRENCH WIDTH 3 FT. INLET DEPTH 5.0 FT.

EFFECTIVE GRAVEL DEPTH 4.0 FT. TOTAL LENGTH 100 FT.

NUMBER OF TRENCHES 1 ONE SIDEWALL/BOTTOM AREA 300 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: 8.4.98 Additional trench installed due to an increase in the number of bedrooms in the house (original permit for 4 bedrooms and was increased to six) System designed as 180 sq ft / bedroom ÷ 4ft stone × 6 bedrooms = 270 feet of trench needed. 100 additional feet added on to original 180' that was installed on 7.9.96. OK to cover all work (KM)

DATE SYSTEM APPROVED 8.5.98 INSPECTOR Kim Maisto

Howard County Health Department

To: File

13633 Gilbride Lane

Per owner - house has 6 beds.  
Therefore, they intend to  
expand ex. septic system  
to serve 6 beds (per H.D.  
records, upgrade not req.  
for BP approval)

From: KLR

Date: 6/26

HD-170

4/10/96  
3:00  
4/8/96  
12-5  
412-96  
do 2:30  
EARLY

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 56496 A

A 40520

DISTRICT 5th

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933 313-2640

DATE 3/14/96

DATE SYSTEM APPROVED 7/9/96

INSPECTOR M. Riskin

INDEXED

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, MD 21157 PHONE 875-4197

SUBDIVISION Hedgerow LOT 20 ROAD 13633 Gilbride Lane

PROPERTY OWNER Timothy Grugeon

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

*Add'l on - Swimming Pool*  
**BLDG. PERMIT SIGNED**  
**AND RETURNED 4-17-96**  
*Serial # 64550*

TRENCHES - Trench to be 2 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 7.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place distribution box 245 feet from front lot line (216.00ft) and 60 feet from intersection of right (79.40' and 170.33') lot line segments as viewed from Gilbride Lane. Install trenches on contour toward front 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 11/3/95 DYS

OK TO DROP TRENCH INV 6-12" MR 4/11/96

PLANS APPROVED BY Ronald Pinkley DATE 12/8/93

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

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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

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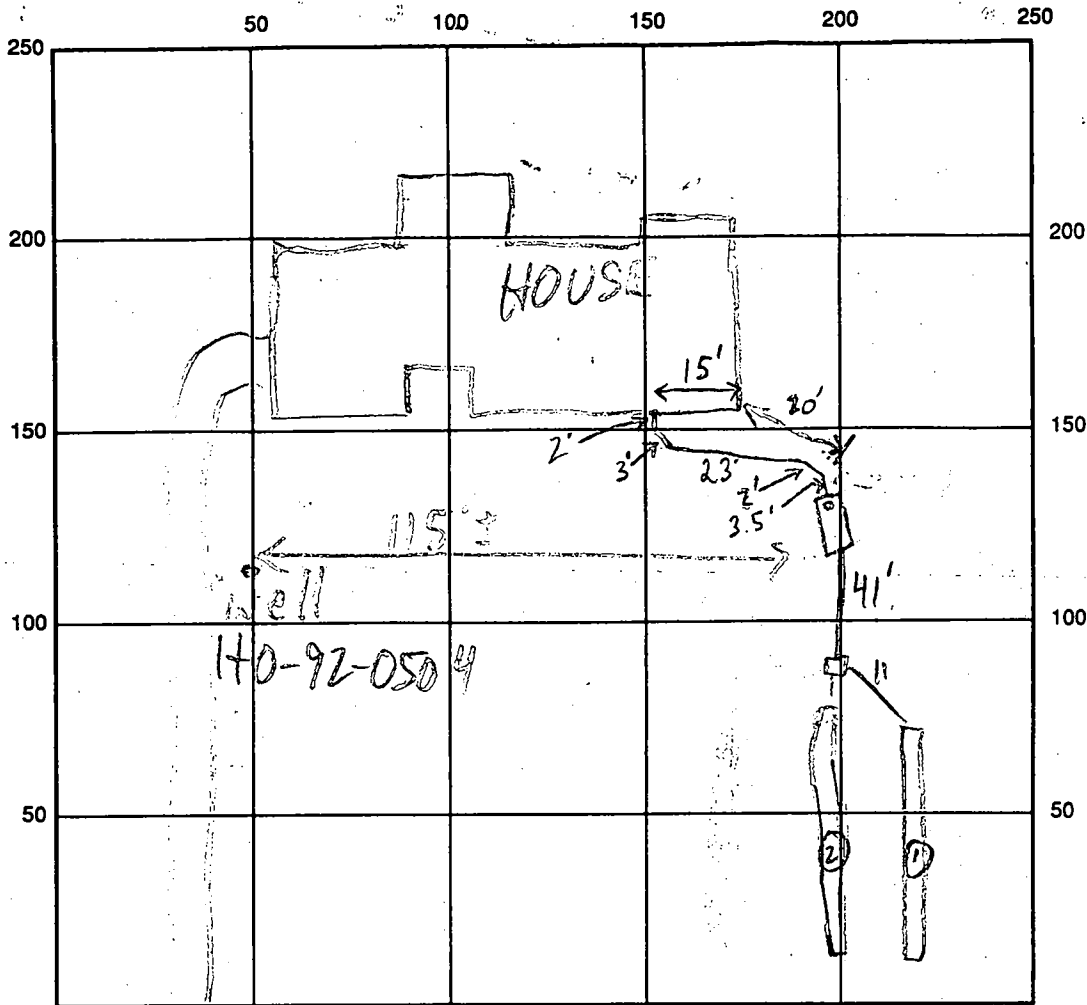
PERMIT VOID AFTER TWO YEARS

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 40520



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

GIL BRIDE LA

SEPTIC TANK LEVEL 1500 GAL - OK

CLEANOUTS S.T. C/O - OK

DISTRIBUTION BOX LEVEL \_\_\_\_\_

DRAIN FIELD/TITLE DEPTH 8.5/8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 5 1/4 1/2 FT.

EFFECTIVE GRAVEL DEPTH 3.5/3.5 FT. TOTAL LENGTH 100 100 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 0350 350 SQ. FT.

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

ABSORBENT AREA 700 SQ. FT.

REMARKS: 4/10/96 S.T. OK MR 4/11/96 #1 S.T. SET RELATIVE TO INTENDED HOUSE INV. LOC. WHICH IS 1' TOO DEEP; OK TO DROP TRENCHES 6-12"; NO ADD'L WORK MR 4/11/96 #2 OK TO COVER S.T. MR 4/12/96 TRENCH 1 OK TO COVER; 70' OF 1 TRENCH 2 DUG MR 7/9/96 SYSTEM PRESUMED COMPLETE MR 4/11/96 WELL LINE OK 4" B.G. MR

DATE SYSTEM APPROVED 7/9/96 INSPECTOR M. Rifkin

# APPLICATION

PERCOLATION TESTING

A 40520

P \_\_\_\_\_

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

*1/21/88  
perc orid pending  
plat @*

DISTRICT 5TH

DATE 10-29-87

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 LOWRIE SARGENT S. Timothy & Kathy Prugeon

ADDRESS 13243 WESTHEATH LANE PHONE 498-4334  
CLARKSVILLE, MARYLAND 21029

PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:  
SUBDIVISION TEN OAKS LOT NO. 20 on Prelim

ROAD AND DESCRIPTION WEST OF HIGHLAND ROAD, NORTH OF TRIADELPHIA ROAD  
(13633 Gilbride Lane)

TAX MAP 28+34 PARCEL # 60,59  
30+64

**BLDG. PERMIT SIGNATURE**  
**RETURNED** 10-2-95  
Serial # 61935  
SFD - 4 BRMS  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

SIZE OF LOT 3.0 AC. 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.

*[Signature]*  
(SIGNATURE OF APPLICANT)

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

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION (OR HOLDING) for field located holes + s/b plat

**BLDG. PERMIT SIGNATURE**  
**AND RETURNED** 4/28/94  
Serial # 54798-SFD-4Brms

# THIS IS NOT A PERMIT

C + D  
SOIL PROFILE

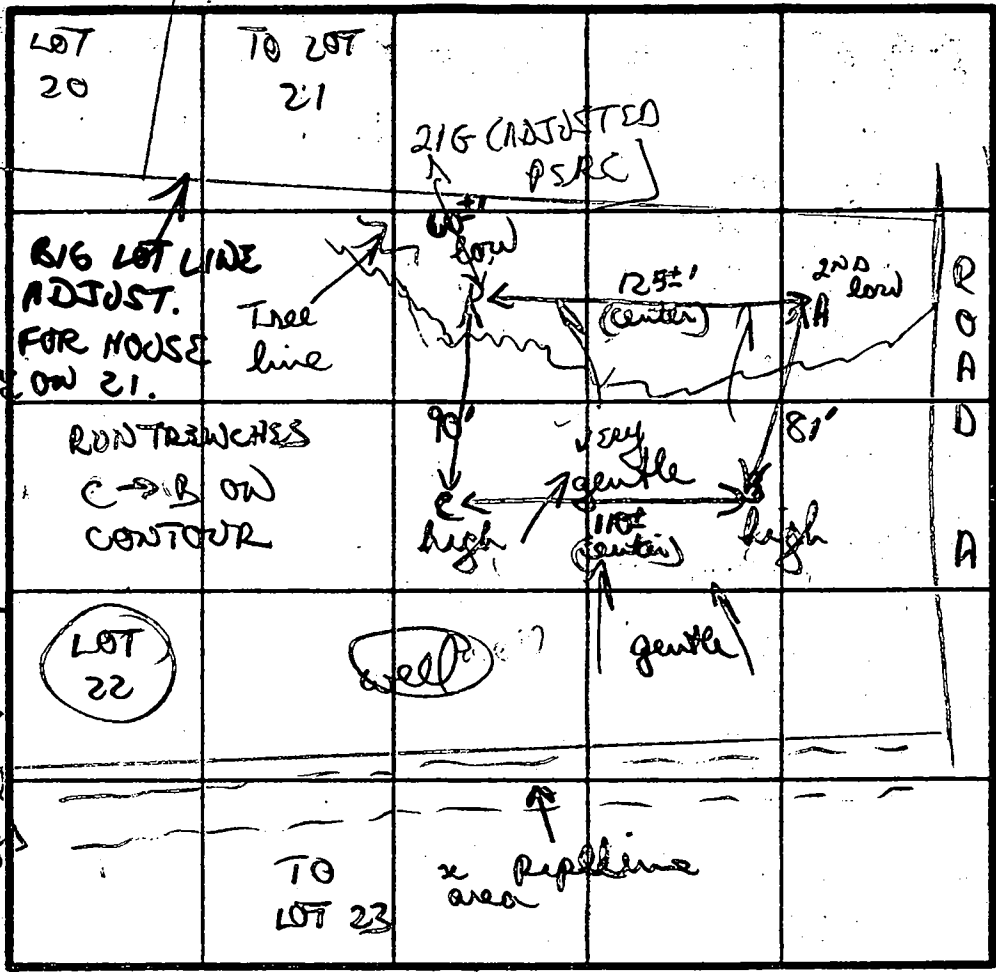
orange/brown clay (heavy) 4' SITE ON 21.

orange/grey silty clay 5 1/2'

to grey/ta silty heavy mica lam

w/ 15% small layered frags ↓ 5 1/2'

12' D



INLET 4'  
MAX D 8'  
X  
180 #/BD

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

A + B

grey/brown silty clay mica lam 3'

to grey/ta orange silty mica lam w/ 10% small frags 5 1/2'

12 1/2' D

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
	C	5'S	1048	1051	1051	1057	6 MIN	
		12' D	botto (see profile)					
	D	7'S	1051	1052	1052	1054	2 MIN	
		12' D	botto (see profile)					
	A	4'S	1055	1057	1057	1100	3 MIN	
		12 1/2' D	botto (see profile)					
	B	3 1/2'S	1058	1100	1100	1102	2 MIN	
		13' D	botto (see profile)					

good soils 4 1/2'

dig & tested as staked. per 1/2 in + 1/2 out of woods

REMARKS: orange/brown clays 4', grey silty mica lam below

TYPE OF SOIL: ~~BA~~ silty clay

TESTED BY: B. Wilson

ALSO PRESENT: Keith, Brian



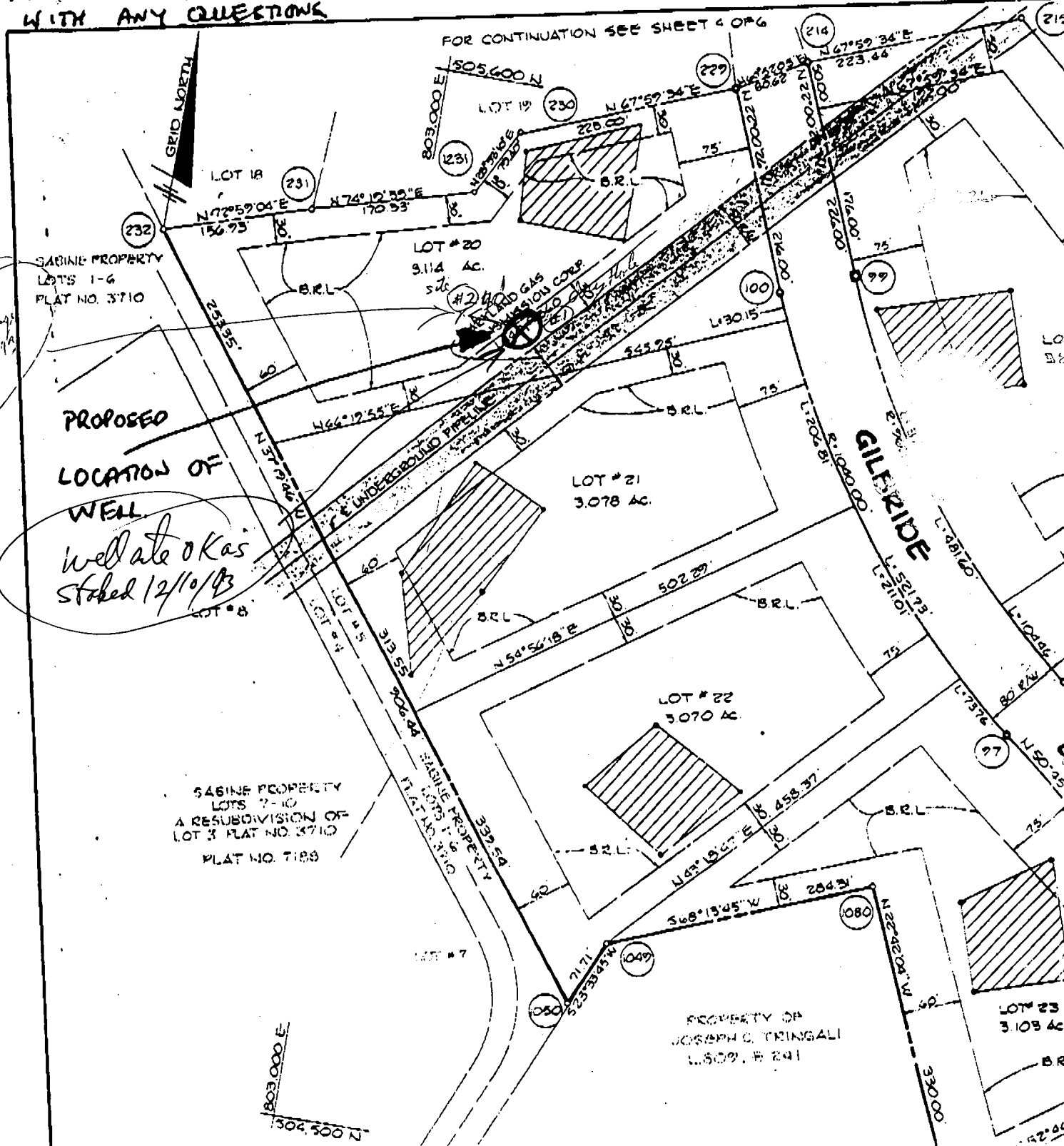




TO: RON PINKUM.  
FROM: TIM GAUGER.

HERE IS A REVISED LOCATION MAP FOR THE PROPOSED WELL SITE  
AT LOT #20, GILBRIDE LANE. CALL (410) 465-1908 (4) OR (410) 740-0557  
WITH ANY QUESTIONS.

activity  
of 12/14/93  
RPG



NOTE: THIS LOCATION IS THE SAME AS WAS FILED WITH THE ORIGINAL DEVELOPMENT PLANS.

THE SITE IS STAKED. (LOT #24 IS ALSO NOW STAKED) FOR A WELL SITE.

C1 4379

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED. COUNTY NUMBER A 40520

DATE RECEIVED

DATE WELL COMPLETED 08 27 98

DEPTH OF WELL 300 (TO NEAREST FOOT)

PERMIT NO. FROM PERMIT TO DRILL WELL H10-94-1639

OWNER Stout Sharon STREET OR RFD 13633 Gilbride Lane TOWN Clarksville SUBDIVISION Hedgerow 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, FEET (FROM, TO), check if water bearing. Includes entries for Overburden, Limestone, Gray Rock, and water at 100 & 230'.

Well #1 300' Dry (backfilled)

NUMBER OF UNSUCCESSFUL WELLS: 1

WELL HYDROFRACTURED YES NO (N) CIRCLE APPROPRIATE LETTER

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

DRILLERS LIC. NO. MWD 3999 DRILLERS SIGNATURE

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

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

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES (Y) NO (N)

TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC)

NO. OF BAGS 15 NO. OF POUNDS 1500

GALLONS OF WATER 90

DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 57 ft.

CASING RECORD

case types insert appropriate code below (ST, C/O, PL, OT)

MAIN CASING TYPE ST Nominal diameter top (main) casing 6 Total depth of main casing 57

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

SCREEN RECORD

screen type or open hole (ST, BR, HO, PL, OT) insert appropriate code below

DEPTH (nearest ft.) HO 57 300

Table with columns: ACHSREN, 8-11, 15-17, 21-24, 26-30, 32-36, 38-41, 45-47, 51

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min.) 15.7

METHOD USED TO MEASURE PUMPING RATE Submersible

WATER LEVEL (distance from land surface) BEFORE PUMPING 31 ft.

WHEN PUMPING 80 ft.

TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other J jet S submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) YES

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 S

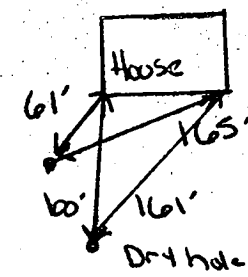
CAPACITY: GALLONS PER MINUTE (to nearest gallon) 10

PUMP HORSE POWER 1

PUMP COLUMN LENGTH (nearest ft.) 280

CASING HEIGHT (circle appropriate box and enter casing height) + above LAND SURFACE - below 1 (nearest foot)

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURES AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



B 1 9446

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-1639  
fill in this form completely

Date Received (ABA) 6/17/98

OWNER INFORMATION

8 Stout 13 Sharon 34  
15 Last Name Owner First Name  
36 8452 Spring Showers Way 55  
Street or RFD  
57 Ellicott City MD 21043 76  
Town State Zip

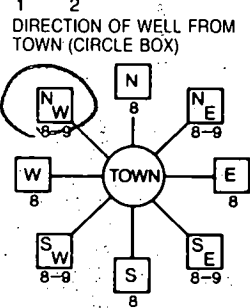
B 3 Howard LOCATION OF WELL

8 COUNTY Howard 21  
23 SUBDIVISION Hedgerow 42  
SECTION 20 LOT 20  
44 46 48 50  
52 NEAREST TOWN Clarksville 71  
MILES FROM TOWN (enter 0 if in town) 4 M 73 76 77 78

DRILLER INFORMATION

Driller's Name Paul M. Fabiszak License No. MW D399 76 81  
Firm Name G. Edgar Harr Sons' Corp  
12047 Falls Rd Cockeyville 21030  
Address Paul M Fabiszak Date 6/12/98  
Signature

B 4 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



13633 Gillbride Lane 30  
1.1 NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
NORTH N  
WEST W  
EAST E  
SOUTH S

34 600 37  
DISTANCE FROM ROAD FT  
ENTER FT OR MI 38 39  
TAX MAP: 28 BLK: 20 PARCEL: 30

B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.)

7 2 5 12  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 750 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
- FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- INDUSTRIAL, COMMERCIAL, DEWATERING
- PUBLIC WATER SUPPLY WELL
- TEST, OBSERVATION, MONITORING
- GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME COUNTY NO. A40520  
STATE SIGNATURE \_\_\_\_\_ INSERT S \_\_\_\_\_  
DATE ISSUED 7-21-98 Kim Maisto 41 7-21-99  
43 MM DD YY 48 CO SIGNATURE EXP. DATE  
NORTH GRID 505 000 EAST GRID 803 000  
50 55 57 63

APPROXIMATE DEPTH OF WELL 300 FEET  
24 28

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN
- 30 AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)
- 37 CABLE REVerse-ROTary DRive-POINT
- other \_\_\_\_\_

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) 41 HO-92-050452

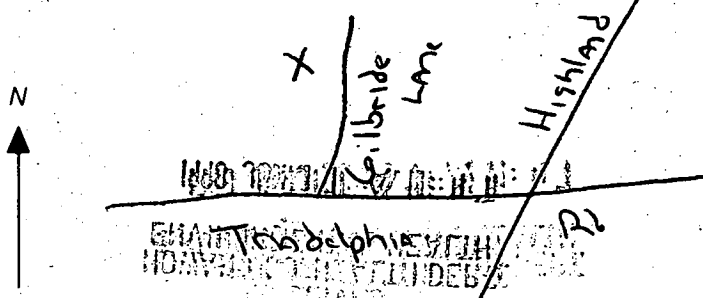
Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER 54 HO-94-1639 63  
PERMIT No. HO-94-1639  
70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
SOURCES OF DRILLING WATER  
1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_

WRITE THE BOX NUMBER FROM THE MAP HERE  
E 803  
N 505  
000  
000

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



SPECIAL CONDITIONS  
NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED.



30' from house and 10' from  
driveway

KM

8.13.98

8-19-98  
WPI

*[Handwritten scribbles]*

8-24-98  
WPI 11:00

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
461-8939

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation   
Replacement

Receipt # \_\_\_\_\_  
Date \_\_\_\_\_

Name of Installer Harold L. Corbin

Telephone 252-4578

License Number PF0098

Certified Well Pump Installer  Well Driller \_\_\_\_\_ Registered Plumber \_\_\_\_\_

Name of Property Owner Charles Stett

Telephone 410-531-0211

Subdivision Hedgesboro Lot # \_\_\_\_\_

Well Tag # \_\_\_\_\_

Site Address 17672 Colbridge Ln

Pump

- 1. Type
  - a. Deep well jet \_\_\_\_\_
  - b. Shallow well jet \_\_\_\_\_
  - c. Submersible

Motor

- 1. Horsepower 1/2
- 2. RPM 3450
- 3. Voltage 230
  - a. 110 \_\_\_\_\_
  - b. 220

Pitless Adapter

- 1. Make Hues and
- 2. Model # P-120
- 3. Depth 42"

2. Make Frank

3. Model # 156515412

4. Capacity 1.6 GPM

5. Pump exceeds well capacity Yes \_\_\_\_\_ No

6. If Yes, is low pressure cutoff switch installed? Yes \_\_\_\_\_ No \_\_\_\_\_

7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors \_\_\_\_\_ Cable guards  Other \_\_\_\_\_

Tank

- 1. Capacity 32 gal
- 2. Pressure relief valve?

Piping

- 1. Type Flexible
- 2. Size 1"
- 3. NSF and/or BCCA Code approved yes
- 4. Depth of supply line 42"

Well data

- 1. Depth 89 ft.
- 2. Yield 15 GPM
- 3. Static water level 40 ft.
- 4. Will water supply be disinfected by installer? yes

8/24/98 Pitless adapter 12" dia well cap. ok to cover

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: [Signature]

Date: 8/18/98

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

8/29/98

Owner Says 6 children 2 adults  
stepers during school year

14 people per during summers  
(1500 gal ST. on South Carroll

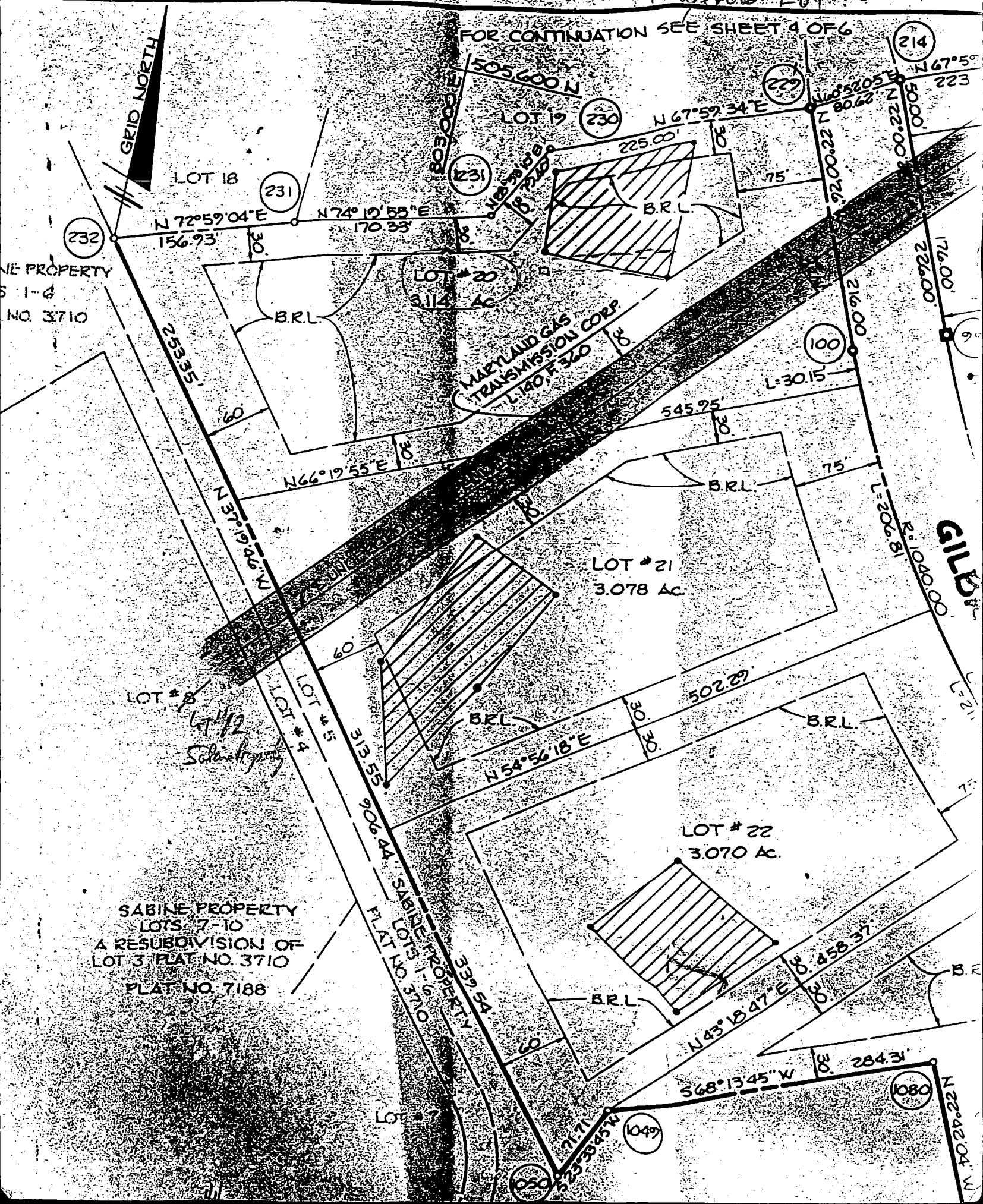
advised them to pump tank every  
other year).

They plan just a walkway, not driveway over ST.  
Advised owner about replacing ST. cleanout  
with Manhole riser if more than 3ft dirt cover over  
ST. If retaining wall goes toward house i.e. only 3ft  
dirt cover over ST. the original cleanout pipes ok

off

Hedgerow Lot 20

FOR CONTINUATION SEE SHEET 4 OF 6



NE PROPERTY  
S 1-G  
NO. 3710

SABINE PROPERTY  
LOTS 7-10  
A RESUBDIVISION OF  
LOT 3 PLAT NO. 3710  
PLAT NO. 7188

Lot # 12  
Schmidt property

MARYLAND GAS  
TRANSMISSION CORP.  
L 140 F 360

GRID  
N 104000

(214)

(230)

(231)

(231)

(232)

(229)

(100)

(9)

LOT # 21  
3.078 AC

LOT # 22  
3.070 AC

(1080)

(1049)

(1050)

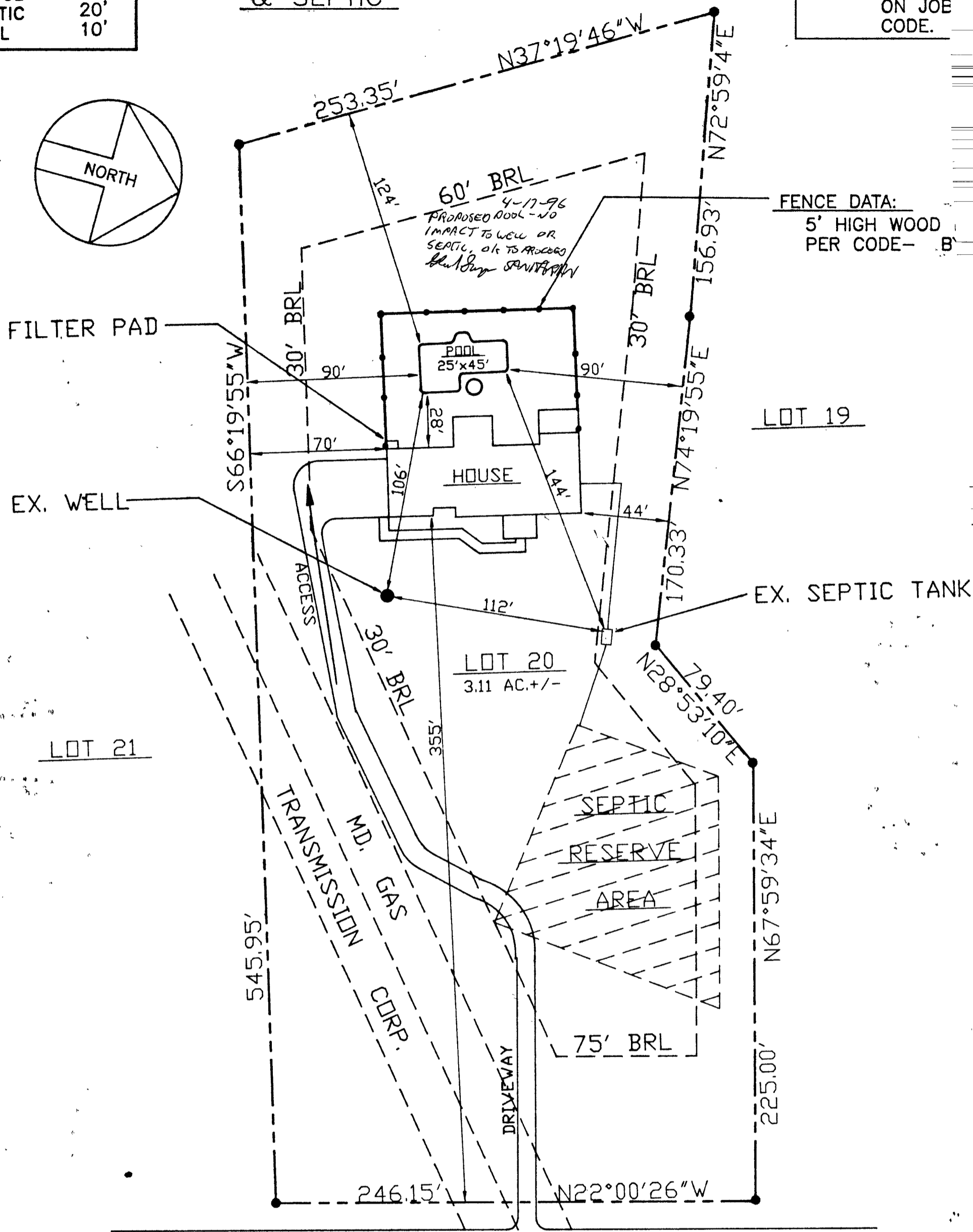
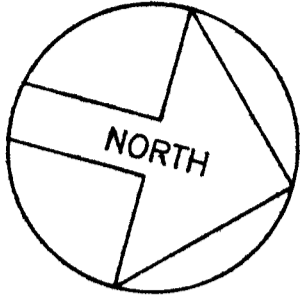
LOT # 7

**SETBACKS:**

REAR PL.	10'
SIDE PL.	30'
HOUSE	0
SEPTIC	20'
WELL	10'

PRIVATE WELL  
& SEPTIC

NOTE: A VACU  
WILL BE  
ON JOB  
CODE.



FENCE DATA:  
5' HIGH WOOD  
PER CODE- B

GILBRIDE LANE

SITE PLAN  
SCALE: 1" = 50'

13633 GILBRIDE LANE  
HOWARD COUNTY, MD. 21029

HEDGEROW

LOT 20, LOT SIZE- 3.11 AC.+/-  
PLAT 8932  
5TH ELECTION DIST.

**GENERAL NOTES:**

- TOPOGRAPHY: FIELD RUN BY CAS ENGINEERING 4/94
- HOUSE ELEVATIONS:  
 FF = 550.2'  
 BSMT. = 540.3'  
 HOUSE INV. = 538.8' (AT WALL)  
 MIN. BSMT. = 540.3'  
 DISTRIBUTION BOX (FINISHED GRADE = EXISTING GRADE = 540.0' ±)  
 TOP = 539.0'  
 INV. IN = 536.9'  
 INV. OUT = 536.6'  
 SEPTIC TANK (FINISHED GRADE = 539.8' ±)  
 INV. IN = 538.3'  
 INV. OUT = 538.0'
- TRENCHES TO RUN PARRALLEL TO CONTOURS.
- TRENCH LENGTH AND LOCATION TO BE DETERMINED BY THE HO. CO. HEALTH DEPT. PERMIT & INSPECTOR.
- PLAT NO. 8932  
 S-88-47  
 P-88-74  
 WP-88-69

**HOWARD SOIL CONSERVATION DISTRICT**

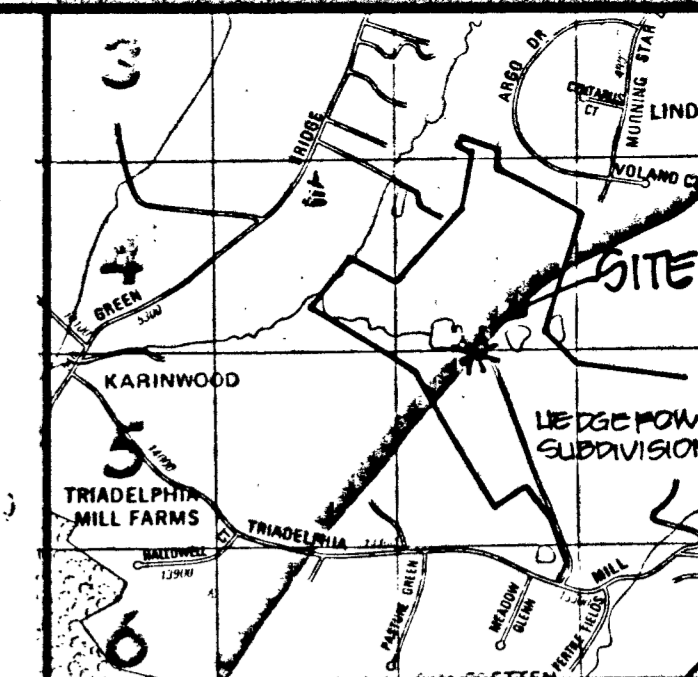
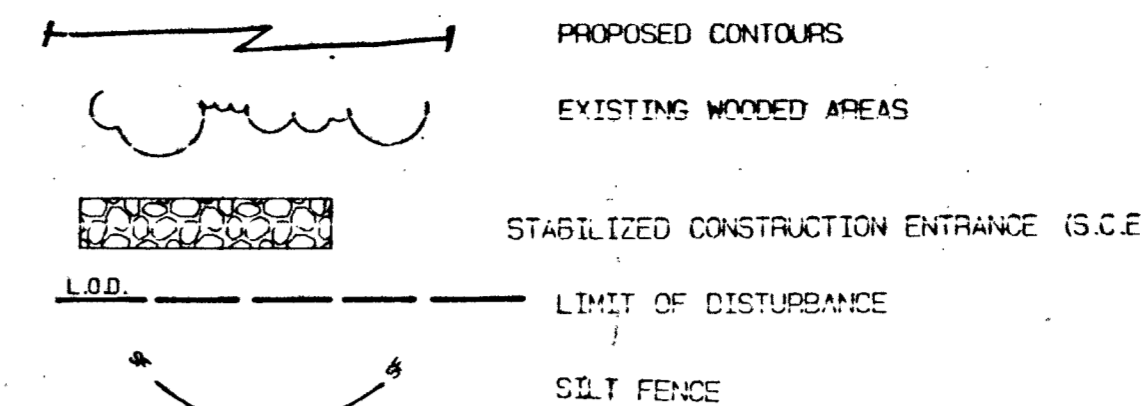
**STANDARD SEDIMENT CONTROL NOTES**

- A minimum of 48 hours notice must be given to the Howard County Department of Inspections, Licenses and Permits, Sediment Control Division prior to the start of any construction (313-1855).
  - All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL and revisions thereto.
  - Following initial soil disturbance or re-disturbance, permanent or temporary stabilization shall be completed within 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes steeper than 3:1; 14 days for all other disturbed or graded areas on the project site.
  - All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 7 of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
  - All disturbed areas must be stabilized within the time period specified above in accordance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seeding, sod, temporary seeding, and mulching (Sec. G). Temporary stabilization with mulch alone shall only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
  - All sediment control structures to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- Site Analysis:**
- |                                     |   |      |          |
|-------------------------------------|---|------|----------|
| Total Area of Site                  | = | 3.1  | Acres    |
| Area Disturbed                      | = | 1.2  | Acres    |
| Area to be roofed or paved          | = | 1.0  | Acres    |
| Area to be vegetatively stabilized  | = | 1.0  | Acres    |
| Total Cut                           | = | 1200 | Cu. Yds. |
| Total Fill                          | = | 1200 | Cu. Yds. |
| Offsite waste/borrow area location: | = | N/A  |          |
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
  - Additional sediment control must be provided, if deemed necessary by the Howard County Sediment Control Inspector.
  - On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.
  - Trenches for the construction of utilities is limited to three pipe lengths or that which shall be back-filled and stabilized within one working day, whichever is shorter.

REV 8/94

**SEQUENCE OF CONSTRUCTION**

- OBTAIN A GRADING PERMIT.
- INSTALL SEDIMENT CONTROLS AS SHOWN ON THIS PLAN.
- PERFORM NECESSARY GRADING AND CONSTRUCTION, ALWAYS PLACE SPOIL FROM SEPTIC EXCAVATION AND OTHER UTILITY EXCAVATION ON UPHILL SIDE OF TRENCHES.
- STABILIZE THE SITE.
- AFTER SITE IS STABILIZED AND PERMISSION IS GRANTED FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS AND STABILIZE ANY REMAINING DISTURBED AREAS.

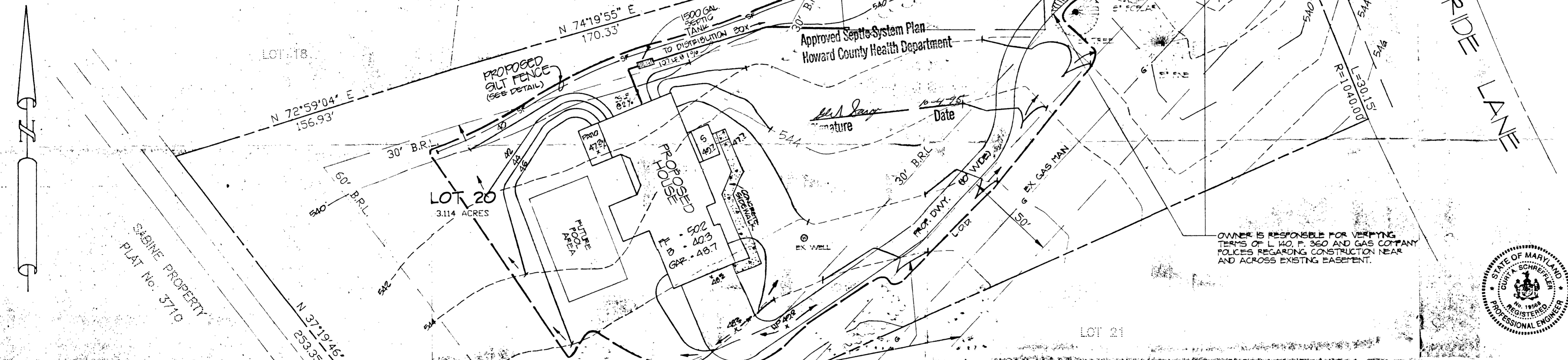


**VICINITY MAP**  
 ADC MAP PAGE 13, GRID H-4  
 SCALE: 1" = 2000'

DATE	BY	REVISION
9-24-94	CAS	INVERTS CHANGED PER HCD CONTENTS
9-17-94	CAS	PER REV. ARCHITECTURAL DRAWINGS
9-18-94	KAM	UPGRADE TO SEDIMENT CONTROL PLAN

DATE	BY	REVISION
MAY 1994	CAS	ENGINEERING
9/25/95	PEI/KAM	APPROVAL
		CAS



HSCD FILE No. GP-96-40

(X) By the Developer:  
 "I 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."  
 Jonathan Burke 9/25/95  
 Builder

(X) By the Engineer:  
 "I 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."  
 Curt A. Schreffler, P.E. 9-25-95  
 MD # 17568  
 Professional Engineer

(X) Reviewed for HOWARD SCD and meets Technical Requirements.  
 Patricia L. L... 9/25/95  
 USDA-Natural Resources Date Conservation Service

(X) This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
 Howard SCD Date

**OWNER:**  
 S. TIMOTHY GRUGON  
 C/O JONATHAN BURKE  
 8693 GULFBRIE ROAD  
 COLUMBIA, MD 21046  
 (410) 381-2740  
 (410) 909-1782 (PAGER)

CALL "MISS UTILITY" AT 1-800-257-1111 FOR UTILITY LOCATION AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.

**PERMANENT SEEDING NOTES**

Apply to graded or cleared areas not subject to trundling further disturbance where a permanent long-lived vegetative cover is needed.

**Soil Preparation:** Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.

**Soil Amendments:** In lieu of soil test recommendations, use one of the following schedules:  
 1. Preferred - Apply 2 tons/acre dolomitic limestone (92 lbs/1000 sq. ft.) and 600 lbs/acre 10-10-10 fertilizer (14 lbs/1000 sq. ft.) before seeding. Harrow or disk into upper three inches of soil. At time of seeding, apply 400 lbs/acre 30-0-0 ureaform fertilizer (9 lbs/1000 sq. ft.).  
 2. Acceptable - Apply 2 tons/acre dolomitic limestone (92 lbs/1000 sq. ft.) and 1000 lbs/acre 10-10-10 fertilizer (21 lbs/1000 sq. ft.) before seeding. Harrow or disk into upper three inches of soil.

**Seeding:** For the periods March 1 - April 30, and August 1 - October 15, seed with 60 lbs/acre (14 lbs/1000 sq. ft.) of Kentucky 31 Tall Fescue. For the period May 1 - July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs/acre (0.5 lbs/1000 sq. ft.) of weeping lovegrass. During the period of October 16 - February 28, protect site by:  
 Option 1 - Two tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option 2 - Use sod. Option 3 - Seed with 60 lbs/acre Kentucky 30 Tall Fescue and mulch with 2 tons/acre well anchored straw.

**Mulching:** Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000 sq. ft.) of untreated small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq. ft.) of emulsified asphalt on flat areas. On slope 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq. ft.) for anchoring.

**Maintenance:** Inspect all seeding areas and make needed repairs, replacements and reseeding.

**TEMPORARY SEEDING NOTES**

Apply to graded or cleared areas likely to be re-disturbed where a short-term vegetative cover is needed.

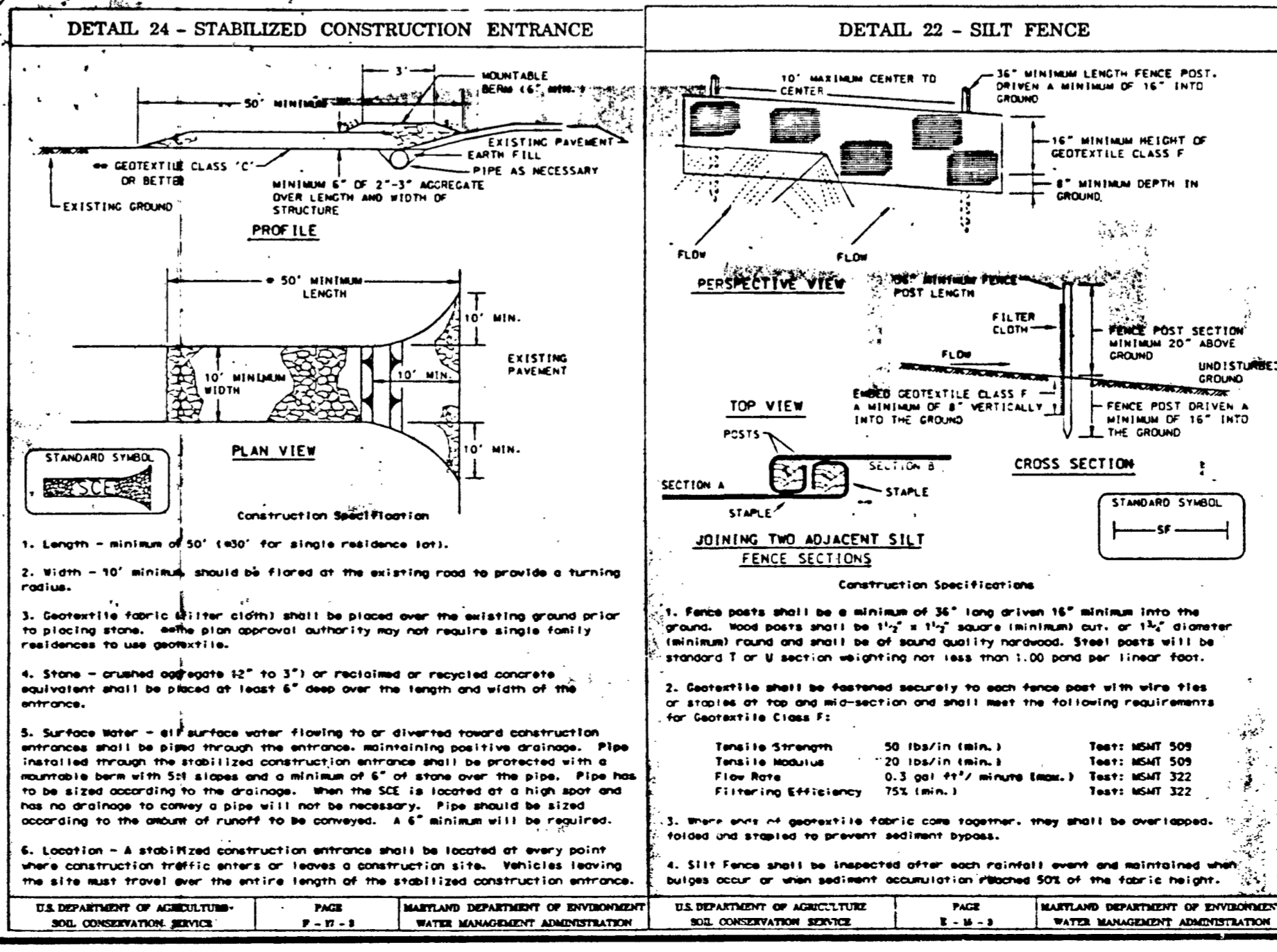
**Soil Preparation:** Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.

**Soil Amendments:** Apply 600 lbs/acre 10-10-10 fertilizer (14 lbs/1000 sq. ft.).

**Seeding:** For periods March 1 - April 30 and from August 15 - October 15, seed with 3-1/2 bushels per acre of annual ryegrass (13 lbs/1000 sq. ft.). For the period May 1 - August 14, seed with 3 bushels of weeping lovegrass (0.7 lbs/1000 sq. ft.). For the period November 16 - February 28, protect site by apply 2 tons/acre of well anchored straw mulch and seed, as soon as possible in the spring, or use sod.

**Mulching:** Apply 1-1/2 to 2 tons/acre (70 to 90 lbs/1000 sq. ft.) of untreated weed-free, small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal. per acre (5 gal/1000 sq. ft.) of emulsified asphalt on flat areas. On slope 8 ft. or higher, use 348 gal. per acre (8 gal/1000 sq. ft.) for anchoring.

Refer to the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for additional rates and methods not covered.



**LOT 20 HEDGEROW**  
 5TH Election District  
 Howard County, Maryland

**SITE PLAN & SEDIMENT CONTROL PLAN**

**CAS ENGINEERING**  
 CIVIL • SURVEYING • LAND PLANNING  
 A DIVISION OF CAS ENGINEERING, INC.

106 East Ridgville Blvd., Mount Airy, MD, 21771  
 DC Metro (301) 807-8031 FAX (301) 607-8045