

# PERMIT

SEWAGE DISPOSAL SYSTEM  
HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
410-313-2640

P 514163

A 57679-A

ISSUE DATE 7/31/06

APPROVAL DATE 10/1/00

04-364147

INDEXED

Union Paving Co. Inc.

IS PERMITTED TO INSTALL  ALTER

ADDRESS 5977 Sandy Ridge Drive Elkridge, MD 21075 PHONE (410) 379-6463

SUBDIVISION Rosebar Property LOT NUMBER 14<sup>23</sup> ADDRESS 3050 Hobbs Road

PROPERTY OWNER William Hill PROPERTY OWNER'S ADDRESS P.O. Box 338

SEPTIC TANK CAPACITY 1250 GALLONS Annapolis Junction, MD 20701

PUMP CHAMBER CAPACITY 1250 GALLONS \*\*\* TOP SEAMED SEPTIC TANK REQUIRED \*\*\*

NUMBER OF BEDROOMS 4

SQUARE FEET PER BEDROOM 180

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES: Trenches to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. 2 feet of stone below distribution box.

LOCATION: As seen from Hobbs Road, place the distribution box 10 feet off the front lot line and 10 feet off the right lot line. Run trenches on contour to left side of lot.

PREFERRED LAYOUT: (3) 80' trenches IF POSSIBLE

8/8/00 SEPTIC AREAS 70' WIDE - INSTALL 4 TRENCHES @ 60' EACH (C)

PLANS APPROVED Mark E. Rifkin DATE 5/8/2000

PERMIT VOID AFTER 2 YEARS Steven R. Krieg ON 5/24/00

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS **JUDGE PERMITS SIGNED**

NOTE: TOP OF SEPTIC TANKS ARE TO BE NO DEEPER THAN 3.0 FEET BELOW FINISH GRADE **AND RETURNED 8/2/2000**

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED **300125793 FRONT PORCH WITH ROOF**

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS ARE NOT ACCEPTABLE **3/20/03 300140800 DECK**

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, DRAINFIELDS) TO BE 100 FEET FROM ANY WATER WELL UNLESS OTHERWISE SPECIFICALLY AUTHORIZED

NOTE: NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH UNLESS SPECIFICALLY AUTHORIZED

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

NOTE: IF PUMPED SEPTIC SYSTEM REQUIRED, (1) SEPTIC PUMP DETAIL TO BE PROVIDED BY INSTALLER PRIOR TO ISSUANCE OF SEPTIC PERMIT (2) PUMP PERFORMANCE TEST IS NECESSARY PRIOR TO HEALTH DEPARTMENT APPROVAL OF SEPTIC PERMIT

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

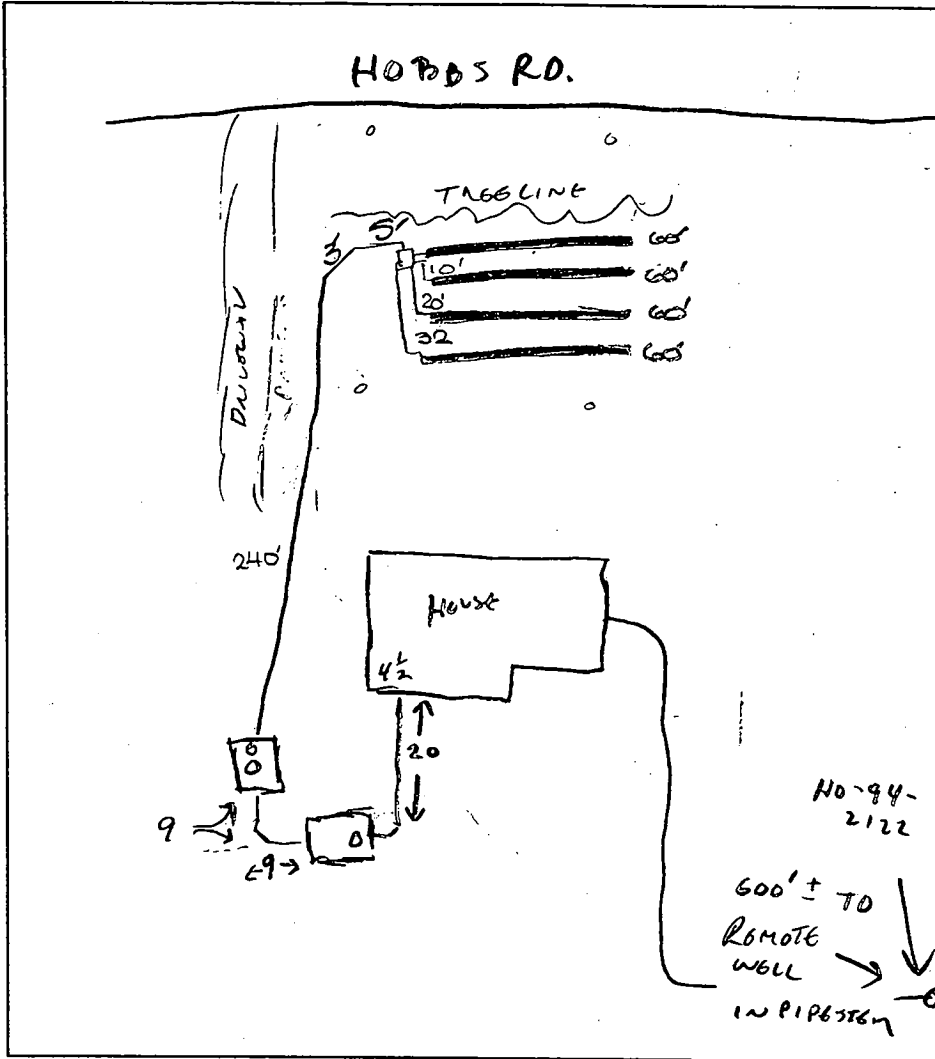
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

A 57679-A

8/7/00  
1:20pm  
Layout OK  
8/8/00  
8/9/00  
1:30  
Early PM

= CORNER STAKES SEPTIC AREA

NOT TO SCALE



TRENCH DATA	
TRENCH WIDTH	3
TRENCH INLET DEPTH	3
TRENCH BOTTOM DEPTH	5
DEPTH OF STONE	2
NUMBER OF TRENCHES	4
TOTAL TRENCH LENGTH	240
ABSORBENT AREA	960
DISTRIBUTION BOX LEVEL	<input checked="" type="checkbox"/>
BAFFLE IN DISTRIBUTION BOX	<input checked="" type="checkbox"/>

SEPTIC TANK DATA	
SEPTIC TANK	1250 GALLONS
MANHOLE RISER	-
6 INCH INSPECTION PORT	<input checked="" type="checkbox"/>
PUMP CHAMBER DATA	
PUMP CHAMBER GALLONS	1250
MANHOLE RISER	<input checked="" type="checkbox"/>
ALARM	<input checked="" type="checkbox"/>
PUMP PERFORMANCE TEST	<input checked="" type="checkbox"/>

PRE-CONSTRUCTION INSPECTION: PUMPED SYSTEM, DENSE TAGS IN UPPER PORTION OF SEPTIC AREA, OK TO INSTALL TRENCHES IN MID PORTION OF AREA. 8/7/00 CW

INSPECTION COMMENTS: HOUSE CONNECTION → TANK → PUMP PIT COMPLETE OK TO COVER (CW) 8/7  
(TANK + PUMP PIT 7' TO BOTTOM - NO EVIDENT WATERABLE)

EFFLUENT LINE DONE - OK TO INSTALL & COVER. 8/8/00 CW

8/9/00 OK TO COVER ALL SEPTIC WORK. NEEDS PUMP PERFORMANCE TEST PRIOR TO FINAL. DKS

10/4/00 Final Insp - pump test OK. DCC

INSPECTOR DCC DATE SYSTEM APPROVED 10/4/00

# APPLICATION

PERCOLATION TESTING

A 57679

P \_\_\_\_\_

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

OWNER: WILLIAM + GAYLE HILL  
P.O. Box 338  
ANNAPOLIS JUNCTION MD 20701

DISTRICT \_\_\_\_\_

DATE 2/11/97

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

SPEC REVIEW: 2 INITIAL SYSTEMS @ 180 ✓  
MR 5/8/00 REPAIR SYSTEM @ 210 ✓

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

PROPERTY OWNER RODGER A ROSE MARIE BARGER

ADDRESS 2996 HOBBS ROAD  
GLENWOOD, MD 21738 PHONE (410) 489-4368

AGENT OR PROSPECTIVE BUYER MILDENBERG, BOENDER & ASSOCIATES, INC.

ADDRESS 5072 DORSEY HALL DRIVE, SUITE 202  
ELLICOTT CITY, MD 21092 PHONE (410) 997-0296  
3050 HOBBS ROAD

PROPERTY LOCATION:

SUBDIVISION ROSEBAR PROPERTY LOT NO. 18

ROAD AND DESCRIPTION WEST SIDE OF HOBBS ROAD - APPROXIMATELY

1000 FEET NORTHEAST OF THE INTERSECTION OF  
14 TAX MAP 221 PARCEL # HOBBS ROAD & BURNTWOODS ROAD

SIZE OF LOT ~ 92,000 SQ FT TYPE BLDG. SFD - 4 BRMS  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

**SEE PERMITS**  
**AND RETURNED** 5/8/2000 800123776

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 \_\_\_\_\_

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

COUNTY #

SOIL PROFILE

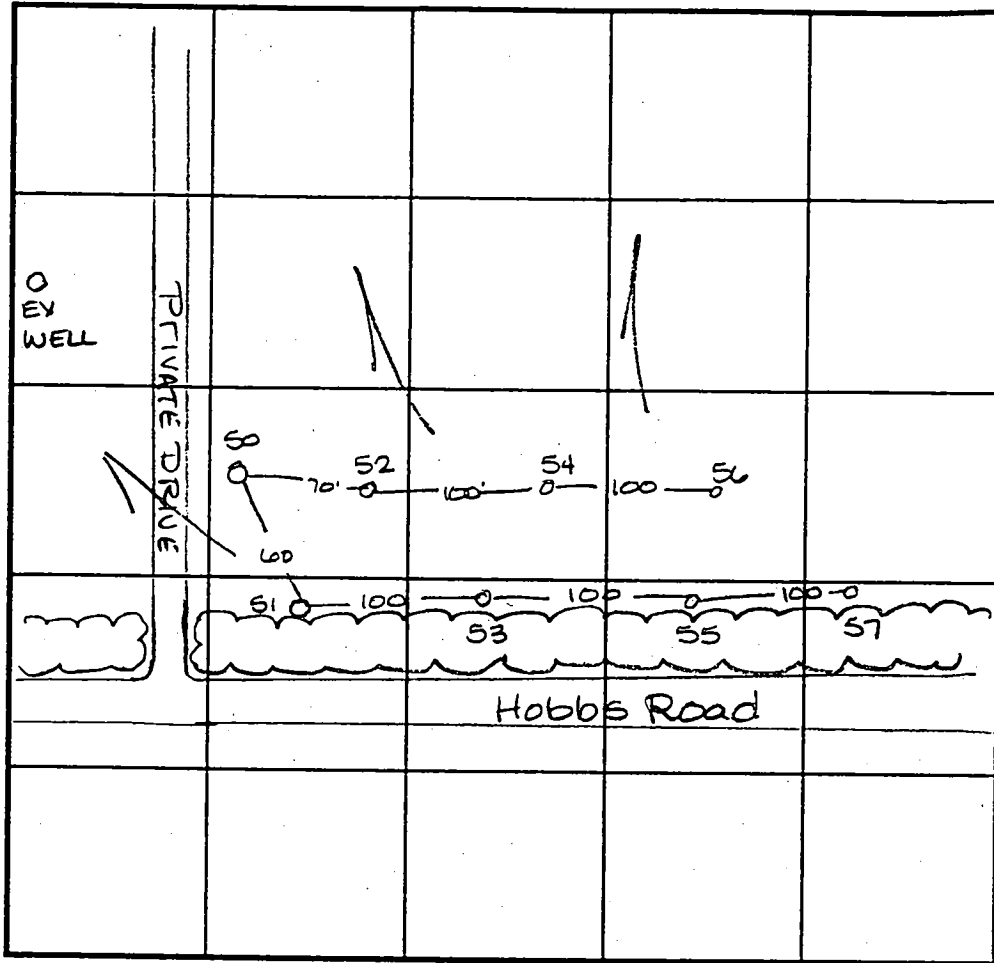
0' 50  
 orange brown SiClM  
 3.0  
 red brn SiM  
 8.0  
 grey SiSalm 10%  
 grey shale decayed  
 11.0

52

red brown SiClM  
 3.0  
 red brown SiM  
 20%  
 Rx

51

dark red SiClM few lg boulders  
 2.0  
 dark red brown SiSalm 10% decayed  
 Rx  
 11.0



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE 56, 53, 55, 54

0' 56  
 organic layer  
 5.0  
 dark red SiClM  
 3.0  
 lgt pink SiM micaceous  
 11.0

57

tan SiClM  
 3.0  
 bright orange tan SiM 10% mica  
 shale  
 11.0

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-1-98	50	3.0 / 11.0	2:50	2:52	2:52	2:55	3min
	52	3.0 / 12.0	2:53	2:55	2:55	2:59	4min
	51	3.0 / 11.0	10:25 <sup>30</sup>	10:27	10:27	10:55	28min
	53	3.5 / 12.0	10:26 <sup>30</sup>	10:30	10:30	10:35	5min
	55	3.0 / 12.0	10:37	10:38	10:38	10:40	2min
	54	Visual	to 120 - see profile		—		OK
	57	3.0 / 11.0	10:45	10:51	10:51	10:56	5min
	56	3.5 / 11.0	10:49 <sup>30</sup>	10:52	10:52	11:00	8min

REMARKS Holes in woods not dug on the stake  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 2/11/97

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 RODGER & ROSE MARIE BARGER

ADDRESS 2996 HOBBS ROAD  
GLENWOOD, MD 21738 PHONE (410) 489-4368

AGENT OR PROSPECTIVE BUYER MILDENBERG, BOENDER & ASSOCIATES, INC.

ADDRESS 5072 DORSEY HALL DRIVE, SUITE 202  
ELLICOTT CITY, MD 21092 PHONE (410) 997-0296

PROPERTY LOCATION:

SUBDIVISION ROSEBAR PROPERTY LOT NO. 18

ROAD AND DESCRIPTION WEST SIDE OF HOBBS ROAD - APPROXIMATELY  
1000 FEET NORTHEAST OF THE INTERSECTION OF

TAX MAP 14 PARCEL # 221 HOBBS ROAD & BURNTWOODS ROAD

SIZE OF LOT ~ 42,000 SQ FT TYPE BLDG. SFD  
(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.

Stephane Demicheli  
(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

COUNTY #

SOIL PROFILE

0' 15  
 3.0 1gt orange yellow SiCLM  
 6.0 dark orange brn SiLM 10% Rx  
 10.0 1gt brn to pink SiLM 30% rock refusal

16

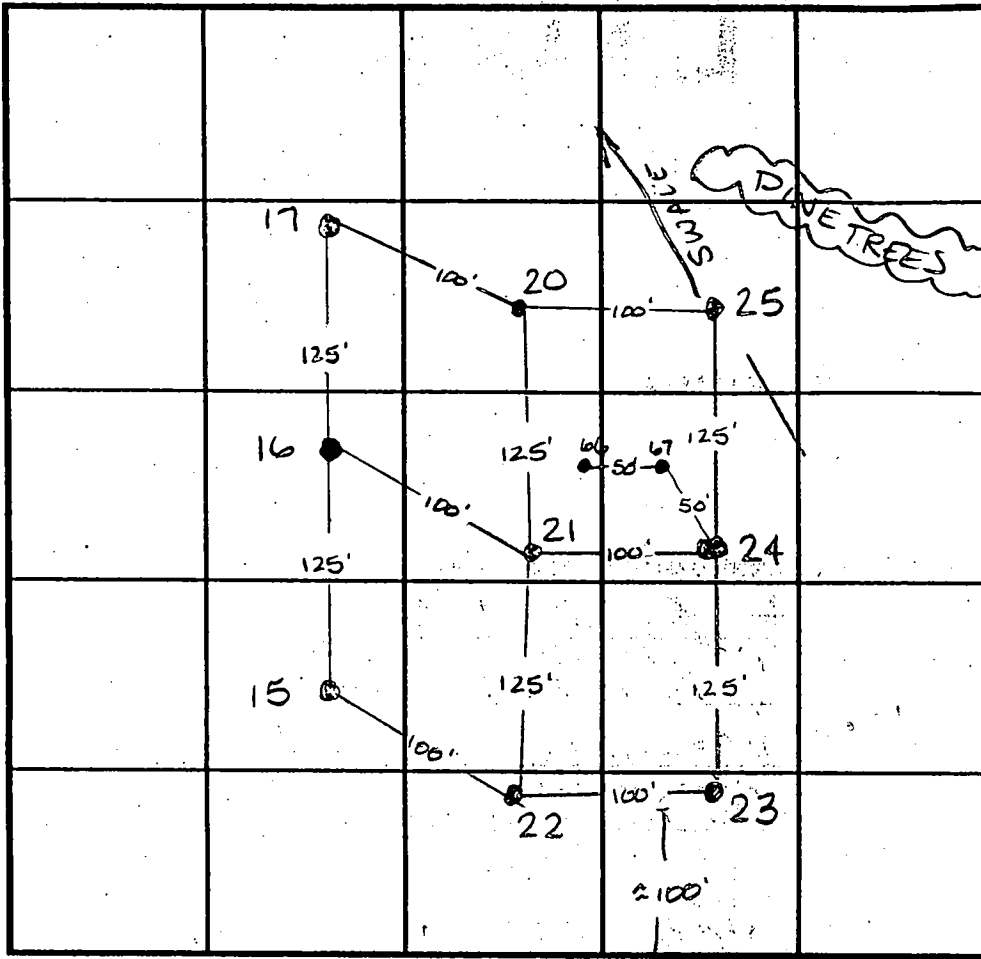
dark red brown SiCLM

dark brown SiSalm 15% rock

20

brown SiLM

5.0 dark brown SiLM <5% Rx water at 8.0  
 9.0



SOIL PROFILE

0' 21  
 2.0 dark red brown SiCLM  
 7.0 1gt red brown SiLM  
 10.0 1gt tan Salm 20% packets of rock

22

dark red brn SiCLM

4.0 1gt orange SiLM

7.0 1gt beige SiSalm 5% Rx  
 11.0

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. HOBBS RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3-24-97	15	3.0 / 10.0	1:45	1:48	1:48	2:00	12min
	16	5.5 / 10.0	1:52	1:58	1:58	1:21	23min
	17	H <sub>2</sub> O at 6.0	insufficient depth to H <sub>2</sub> O				F
	20	Insufficient depth to H <sub>2</sub> O - H <sub>2</sub> O at 8.0				F	
		see profile				F	
	21	5.5 / 10.0	2:00	2:10	2:10	2:31	21min
	22	4.0 / 11.0	1:36	1:38 <sup>30</sup>	1:38 <sup>30</sup>	1:42 <sup>30</sup>	4min
		7.0 / 11.0	1:37	1:39 <sup>30</sup>	1:39 <sup>30</sup>	1:42	2 1/2 min
4-1-98	Test	16 - refusal @ 9.0'	no water				OK
	66 & 67	Refusal at 5.0'	insufficient depth to bedrock				F

REMARKS \_\_\_\_\_

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

TESTED BY Amy McMillen ALSO PRESENT \_\_\_\_\_

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

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

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AGENT OR PROSPECTIVE BUYER MILDENBERG, BOENDER & ASSOCIATES, INC.

ADDRESS 5072 DORSEY HALL DRIVE, SUITE 202  
ELLICOTT CITY, MD 21092 PHONE (410) 997-0296

PROPERTY LOCATION:

SUBDIVISION ROSEBAR PROPERTY LOT NO. 16

ROAD AND DESCRIPTION WEST SIDE OF HOBBS ROAD - APPROXIMATELY

1000 FEET NORTHEAST OF THE INTERSECTION OF

TAX MAP 14 PARCEL # 221 HOBBS ROAD & BURNTWOODS ROAD

SIZE OF LOT ~50,000 SQ FT TYPE BLDG. SFD  
(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 Demolite*  
(SIGNATURE OF APPLICANT)

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

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

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

# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE  
12

bright red clay  
water coming in at 5.0'

10

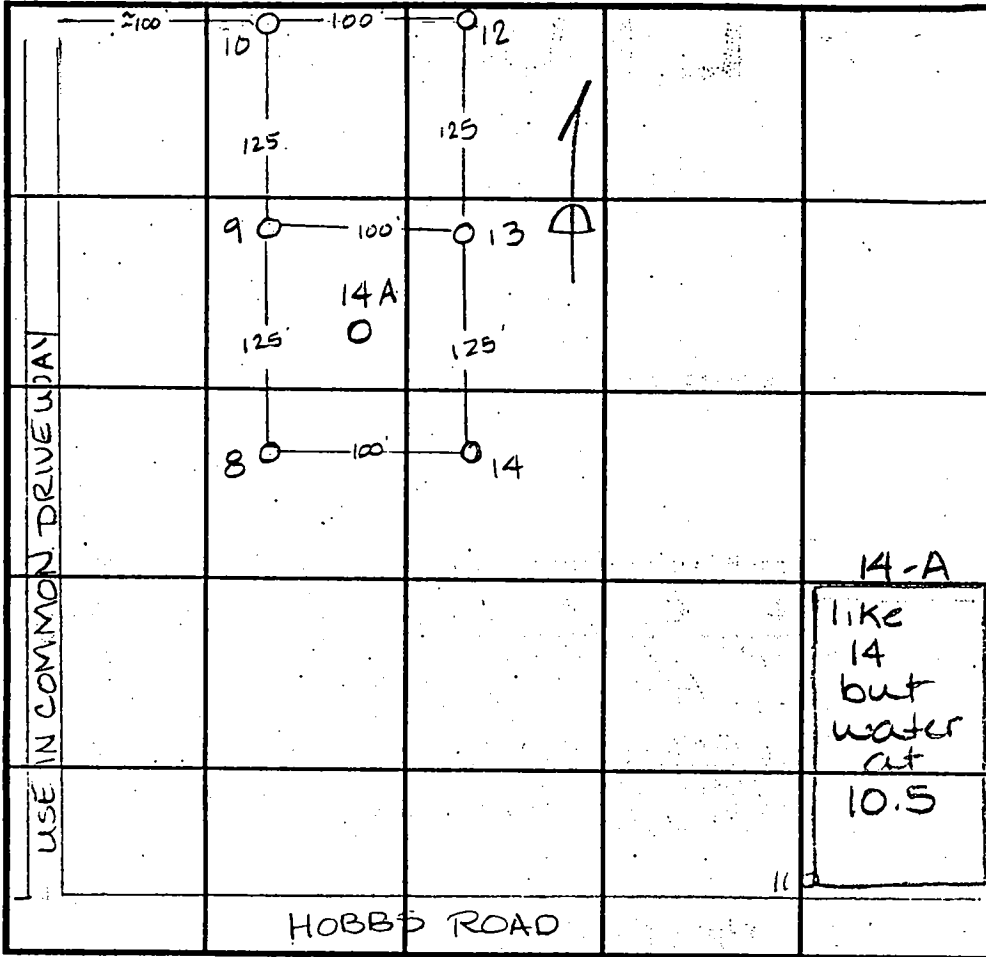
orange silty clay

evidence of H<sub>2</sub>O table at 7.0'

8

bright red silty clay

bright orange brown silty clay  
no rock



SOIL PROFILE #  
14

orange red silty clay  
light tan silty clay  
no rock

13, 9

water coming in at 7.0' bright red silty clay at 5.0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3-25-97	12	Insufficient depth to H <sub>2</sub> O - see profile					F
	13	Insufficient depth to H <sub>2</sub> O - see profile					F
	10	5.0 / 9.0	10:35	>30 min			slow
		8.0 / 9.0	10:32 <sup>30</sup>	>30 min			slow
		Because no perc at any depth -					F
	9	Insufficient depth to H <sub>2</sub> O - see profile -					F
	8	4.0 / 11.0	10:48	10:50 <sup>30</sup>	10:50 <sup>30</sup>	10:55	4 1/2 min
		7.5 / 11.0	10:47	10:52	10:52	11:15	23 min
	14	4.5 / 12.0	10:52 <sup>30</sup>	10:57	10:57	11:04	7 min
	14-A	4.0 / 11.0	1:59	2:02	2:02	2:10	8 min

REMARKS \_\_\_\_\_

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

TESTED BY Amy McMillen

ALSO PRESENT Will Hopkins

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

TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_

MAXIMUM BOTTOM DEPTH \_\_\_\_\_

SO. FT. BEDROOM \_\_\_\_\_

N75°31'38"E

30' BRL

ALUM GAR.

WELL

30' BRL

UNDG. ELEC.

30' BRL

50' BRL

LOT 10

SIGNED  
PERC  
CERT

ChB2  
(B)

SEPTIC C.O.

SEPTIC C.O.

BRICK HOUSE

TRANS

LOT 22

LOT 21

LOT 20

LOT 19

LOT 18

LOT 14

LOT 15

LOT 16

LOT 17

HOBBS ROAD  
LOCAL ROAD -- 50' PUBLIC ROW

A57679

LOT 12

30' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

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30' BRL

30' BRL

30' BRL

24' USE-IN-COMMON  
DRIVEWAY EASEMENT

ChA  
(B)

NOTE: WELLS ARE  
OF 15' FROM THE

CONSERVATION PARCEL A  
 BUILDABLE  
 106,711 SQ. FT.  
 OR  
 13.93 ACRES

EASEMENT TO BE HELD BY  
 CITY AND HOMEOWNERS ASSOCIATION

USE-IN-COMMON  
 DRIVEWAY EASEMENT  
 FOR LOTS 14 THRU 17

CONSERVATION EASEMENT  
 1.98 ACRES

LOT 12

LOT 19  
 45,468 SQ. FT.

S69°40'36"E 400.00'  
 N20°19'24"E 32.18'  
 N69°40'36"W 95.00'

LOT 14  
 55,697 SQ. FT.

S69°40'36"E 619.00'

LOT 15  
 62,141 SQ. FT.

S69°40'36"E 482.00'  
 N65°19'24"E 35.41'  
 69.04'  
 80.00'  
 S69°40'36"E 450.00'

LOT 16  
 55,051 SQ. FT.

S69°40'36"E 418.00'

LOT 17  
 51,700 SQ. FT.

N69°40'36"W 8.00'  
 69.13'  
 N20°19'24"E 48.00'  
 582.80'  
 577.87'

LOT 18  
 44,315 SQ. FT.

N 69°39'07" W 162.00'

SEE DETAIL C

PAUL W. &  
 SHARON A. PARINGTON  
 2730/249  
 ELLERSLIE ESTATES, LOT 3

THOMAS A. &  
 KAREN M. KELLER  
 2188/651  
 ELLERSLIE ESTATES, LOT 2

24' PRIVATE USE-IN-COMMON DRIVEWAY  
 EASEMENT FOR LOTS 14 THRU 17  
 BRADLEY K. & SUSAN H. ANDREWS  
 3335/621  
 ELLERSLIE ESTATES, LOT 1

*F-99-19*

**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS  
 CORRECT; THAT IT IS A RESUBDIVISION OF LOTS 10 THRU 13,  
 ROSEBAR PROPERTY, AS RECORDED AMONG THE LAND RECORDS OF

RECORDED AS PLAT *14033*

ENT  
 RT WAYNE NEWSOME AND MELISSA NEWSOME  
 HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND  
 PLANNING AND ZONING ESTABLISHES THE MINIMUM

HOBBS ROAD  
 LOCAL ROAD -- 50' PUBLIC ROW

2

24' PRIVATE USE  
 EASEMENT FOR

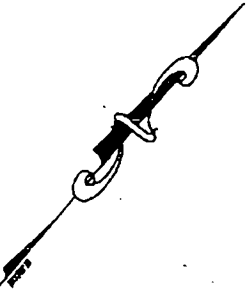
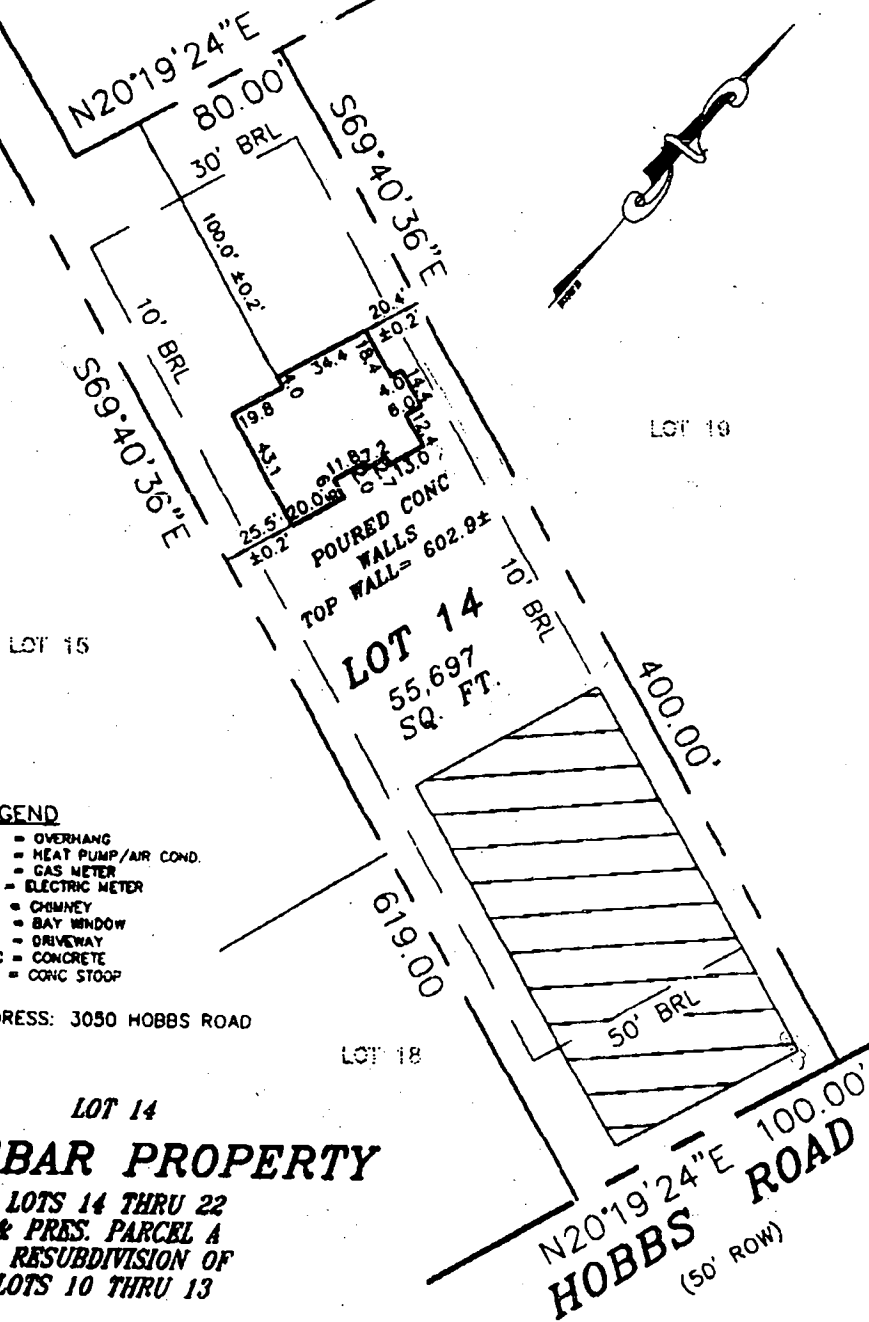
N69°

N20°

KC

FOR CONTINUATION  
SEE RECORD PLAT

PARCEL A



**LEGEND**

- O/H = OVERHANG
- A/C = HEAT PUMP/AIR COND.
- G/M = GAS METER
- E/M = ELECTRIC METER
- C = CHIMNEY
- B/W = BAY WINDOW
- D/W = DRIVEWAY
- CONC = CONCRETE
- S = CONC STOOP

ADDRESS: 3050 HOBBS ROAD

LOT 14

**ROSEBAR PROPERTY**

LOTS 14 THRU 22  
& PRES. PARCEL A  
A RESUBDIVISION OF  
LOTS 10 THRU 13

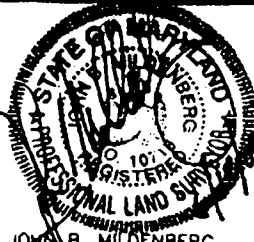
PLAT NO. 14032  
ELECTION DISTRICT No. 4  
HOWARD COUNTY, MARYLAND

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.

*7/31/00  
Same location  
consistent w/  
approved BP  
Site plan DB*

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

Engineers Planners Surveyors  
6078 Dorsey Hall Drive, Suite 202, Elkport City, Maryland 21042  
(410) 897-0206 Bk. (301) 821-5537 Wash. (410) 937-0208 Fax.



JOHN B. MILDENBERG  
PROF. LAND SURVEYOR  
MARYLAND No. 10718

FOUNDATION	DATE: 06/09/00	FINAL	DATE:
DRAWN BY: M.E.S.	SCALE: 1" = 50'		
PROJECT NO.: 98004	LOCATION DRAWING		



F-00-167  
Revised

Approved  
11-8-00

ROSEBAR PROPERTY, LOT 21  
PLAT # 14033

ROSEBAR PROPERTY, LOT 20  
PLAT # 14033

ROSEBAR PROPERTY, LOT 19  
PLAT # 14033

FRANCIS & PHYLLIS J. DONO  
1356/555  
WINDSOR FARM ESTATES, L  
PLAT # 6252

IP FOUND & HELD

ROSEBAR PROPERTY  
RESERVATION PARCEL A  
PLAT # 14033

USE-IN-COMMON  
DRIVEWAY EASEMENT FOR  
LOTS 14 THRU 17 TO BE  
ABANDONED BY THIS PLAT

24' PRIVATE USE-IN-COMMON  
DRIVEWAY EASEMENT  
FOR LOTS 23 & 24

KCI REBAR & CAP HEL

N20'19'24"E 201.04'

HOBBS ROAD  
LOCAL ROAD -- 50' PUBLIC ROW

KCI REBAR & CAP HEL

N 20'19'24" E 299.73'

N20'19'24"E 244.71'

S69'40'36"E 8.00'

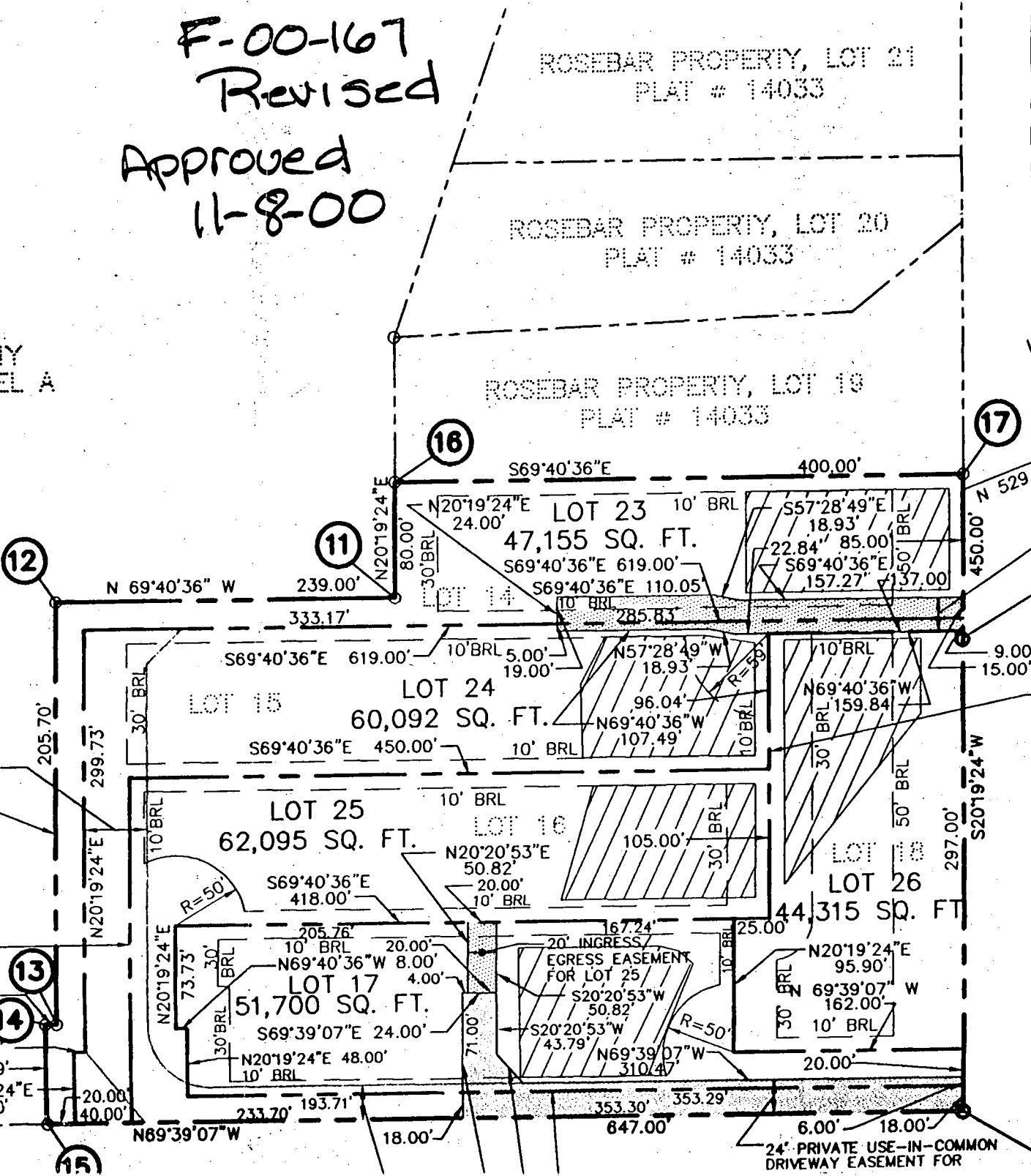
S69'40'36"E 8.00'

N20'19'24"E 69.99'

N20'19'24"E 50.00'

N20'19'24"E 20.00'

N20'19'24"E 40.00'



16

17

12

11

13

14

15

LOT 23  
47,155 SQ. FT.

LOT 15  
60,092 SQ. FT.

LOT 25  
62,095 SQ. FT.

LOT 17  
51,700 SQ. FT.

LOT 16

LOT 18  
LOT 26  
44,315 SQ. FT.

S69'40'36"E 400.00'

N 69'40'36" W 239.00'

333.17'

S69'40'36"E 619.00'

S69'40'36"E 450.00'

S69'40'36"E 418.00'

S69'39'07"E 24.00'

N69'39'07"W

S69'40'36"E 110.05'

N20'19'24"E 24.00'

S69'40'36"E 619.00'

S69'40'36"E 110.05'

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

400.00'

S57'28'49"E 18.93'

S69'40'36"E 85.00'

S69'40'36"E 157.27'

157.27'

137.00'

18.93'

18.93'

18.93'

18.93'

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18.93'

18.93'

17

N 529.500'

450.00'

9.00'

15.00'

15.00'

15.00'

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15.00'

15.00'

15.00'

15.00'

E 795.750'

N 529.500'

450.00'

9.00'

15.00'

15.00'

15.00'

15.00'

15.00'

15.00'

15.00'

15.00'

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15.00'

15.00'

15.00'

15.00'

24' PRIVATE USE-IN-COMMON  
DRIVEWAY EASEMENT  
FOR LOTS 23 & 24

KCI REBAR & CAP HEL

N20'19'24"E 201.04'

HOBBS ROAD  
LOCAL ROAD -- 50' PUBLIC ROW

KCI REBAR & CAP HEL

24' PRIVATE USE-IN-COMMON  
DRIVEWAY EASEMENT FOR



8/8/00  
Late PM

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation   
Replacement

Receipt # \_\_\_\_\_  
Date 8-3-00

Name of Installer John Gaske

Telephone \_\_\_\_\_

License Number 3189

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

Name of Property Owner Patuxent Builders Telephone \_\_\_\_\_

Subdivision ROSEBAR Lot # \_\_\_\_\_ Well Tag # HO-94-2122

Site Address Noble Rd Lot 14

Pump

- 1. Type
  - a. Deep well jet \_\_\_\_\_
  - b. Shallow well jet \_\_\_\_\_
  - c. Submersible
- 2. Make Goulds
- 3. Model # 6507412
- 4. Capacity 5.0 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 TAPE

Motor

- 1. Horsepower 3/4
- 2. RPM 900
- 3. Voltage 230
  - a. 110 \_\_\_\_\_
  - b. 220

Pitless Adapter

- 1. Make Bx10
- 2. Model # \_\_\_\_\_
- 3. Depth 40"

Tank

- 1. Capacity WX251
- 2. Pressure relief valve? YES

Piping

- 1. Type 160 LB
- 2. Size 1"
- 3. NSF and/or BOCA Code approved YES
- 4. Depth of supply line 265'

Well data

- 1. Depth 285 ft.
- 2. Yield 55 GPM
- 3. Static water level 33 ft.
- 4. Will water supply be disinfected by installer? NO

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: John Gaske

Date: 8-3-00

8/8/00 Well Line & Pitless @ 40" Below GWT

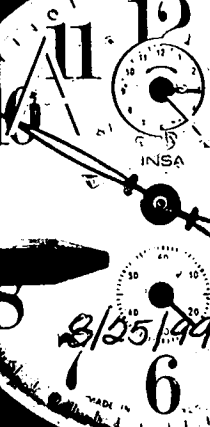
PUMP INSTALLATION IN PROGRESS  
2 PIECE CAP - INSIDE HOOK FOR SAFETY ROPE.

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

HD-215

OK TO COMPLETE & COVER.  
8/8/00 (CW)

# QUICK NOTE



Rosebar - Lots 14-15-16

8/25/99 Simultaneous yield tests performed - Lot

16 did not work, it yielded .58 gpm

9-15-99 Lot 16 well drilled

deeper - new simultaneous yield test done

All wells held up

All

14



**LINEMARK PRINTING INC**

1220 Caraway Court, Suite 1040, Largo, MD 20774  
301.925.9000 ■ Fax: 301.925.8852 ■ www.linemark.com

C1 1699 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED. COUNTY NUMBER A 57679-A

ST/CO USE ONLY DATE Received MM DD YY 8 13

DATE WELL COMPLETED MM DD YY 3 23 99 Depth of Well 22 285 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" Ho 94 2122

OWNER Patient Builders last name first name STREET OR RFD Hobbs Rd. TOWN Calverwood SUBDIVISION Rosehan SECTION LOT 14

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING DESCRIPTION (Use additional sheets if needed) FEET FROM TO check if water bearing Sand 0 83 Gray Mica Rock 83 285

GROUTING RECORD WELL HAS BEEN GROUTED (Y) NO (N) TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 27 NO. OF POUNDS 2538 GALLONS OF WATER 162 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 74 ft.

CASING RECORD casing types insert appropriate code below (ST) STEEL (CO) CONCRETE (PL) PLASTIC (OT) OTHER MAIN CASING TYPE (SF) Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 88

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

SCREEN RECORD screen type or open hole (ST) STEEL (BR) BRASS (PL) PLASTIC (HO) OPEN HOLE (OT) OTHER insert appropriate code below

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.

DRILLERS LIC. NO. 1 M SDO 24 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 D

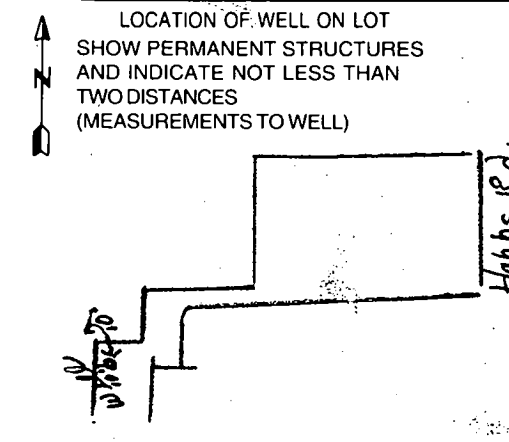
DEPTH (nearest ft.) 1 Ho 86 285 2 AC 23 24 26 30 32 36 3 RC 38 39 41 45 47 51 E N SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60 from to

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

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 5.5 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 33 ft. WHEN PUMPING 246 ft. TYPE OF PUMP USED (for test) (S) submersible

PUMP INSTALLED DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) 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) 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 (-) below 2 (nearest foot)



Checked water level  
on Lot 16. when  
Pumping Lot 14.  
Water level did not  
drop on Lot 16.  
Water level 23ft.

RECEIVED  
HOWARD COUNTY HEALTH DEPT.  
ENVIRONMENTAL HEALTH  
1999-AP-8 PM12:25



B 1 4042

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-2122 fill in this form completely

Date Received (APA) 020999

OWNER INFORMATION

Patrent Builders Inc. P.O. Box 906 Savage Md. 20763

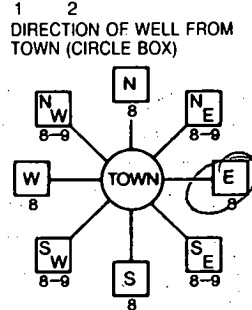
LOCATION OF WELL

Howard County Rosebar Subdivision Section 44-46 Lot 14 Glenwood Nearest Town Miles from town 1 1/2

DRILLER INFORMATION

Joseph L. Mayre MSD024 Driller's Name License No. Joseph L. Mayre Well Drilling Firm Name 5512 Ridge Rd. Mt. Airy 21771 Address Joseph L. Mayre 2/9/99 Signature Date

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Hobbs Rd. Near What Road

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH SOUTH WEST EAST DISTANCE FROM ROAD 625 FT

WELL INFORMATION

APPROX. PUMPING RATE 5 GAL. PER MIN. AVERAGE DAILY QUANTITY NEEDED 500 GAL. PER DAY

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard Co A57679A COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 021799 AM 021700 CO SIGNATURE EXP. DATE NORTH GRID 520 000 EAST GRID 790 000

USE FOR WATER (CIRCLE APPROPRIATE BOX)

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

APPROXIMATE DEPTH OF WELL 300 FEET APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST TOWN

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1. Well 2. 3.

Location - OK x used 88' open 74' grant 27' logs

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTary DRIVE-POINT

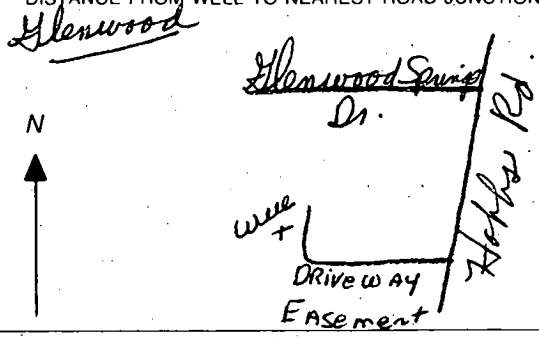
WRITE THE BOX NUMBER FROM THE MAP HERE

E 790 N 520

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL (circled) 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 DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

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

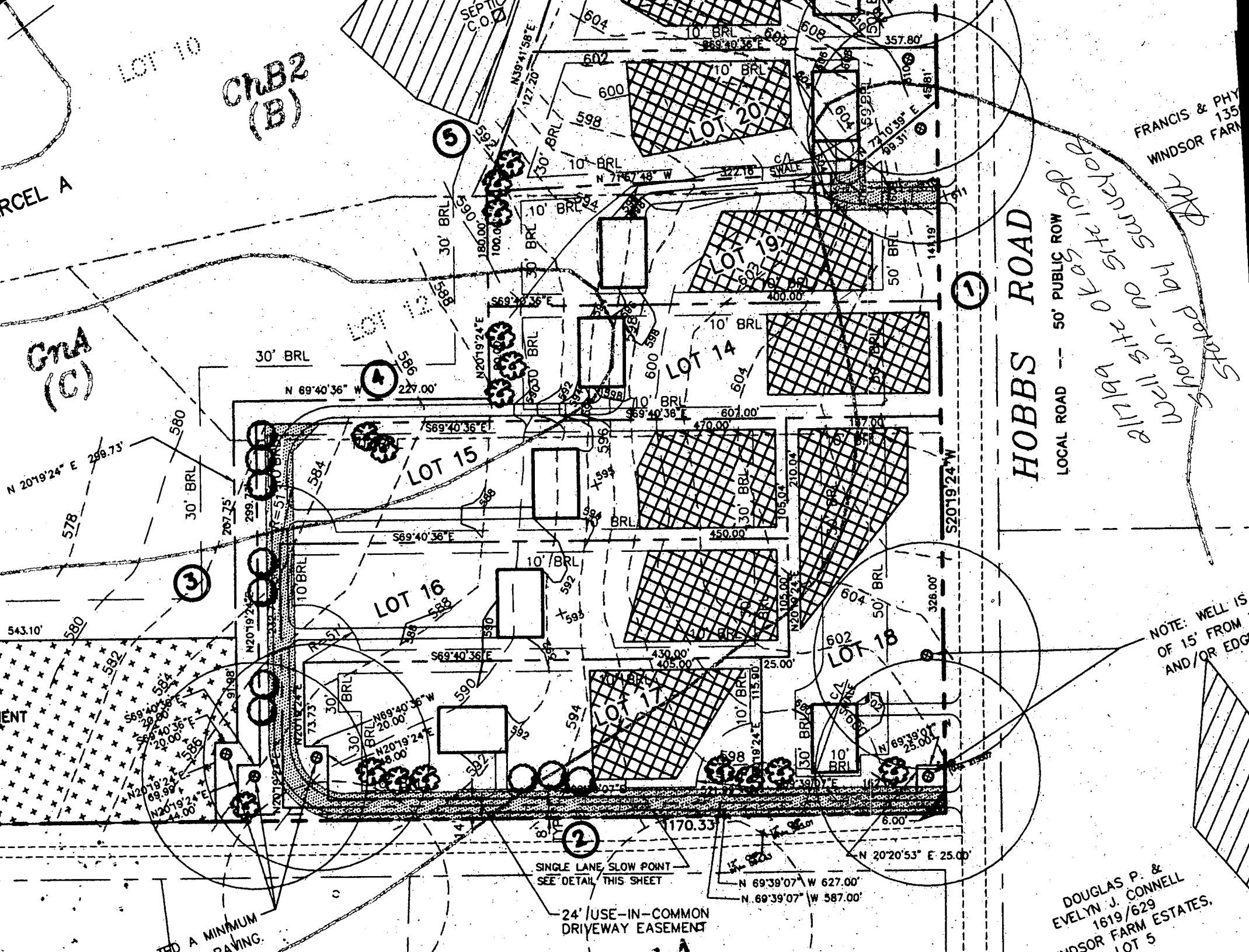


Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER GAP PERMIT No. HO-94-2122

SPECIAL CONDITIONS







**FIELD DATA SHEET**  
**HOWARD COUNTY WELL YIELD TEST**

Well Permit No. HO - 94-2122  
 Location of property (road) Stobbs Rd.  
 Subdivision Rosebar Lot 14 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller Joseph L. Mayne Owner Patience Builders  
 Depth of well 285'  
 Distance of measuring point (M.P.) above ground 2'  
 Static water level (S.W.L.) below M.P. 28'

I. High rate pumping -- reservoir drawdown

Time pump started 7:30 Pumping rate 12 gpm.  
 Total time 30 min to reach pumping water level 124' ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:45	95	6 sec	N/A	10
8:00	124	9		6 1/2
8:15	124	9		6 1/2
8:30	124	9		6 1/2
8:45	124	9		6 1/2
9:00	123	9		6 1/2
9:15	123	9		6 1/2
9:30	122	9		6 1/2
9:45	122	9		6 1/2
10:00	122	9		6 1/2
10:15	122	9		6 1/2
10:30	122	9		6 1/2
10:45	122	9		6 1/2
11:00	122	9		6 1/2
11:15	122	9		6 1/2
11:30	122	9		6 1/2
11:45	122	9		6 1/2
12:00	122	9		6 1/2
12:15	122	9		6 1/2
12:30	122	9		6 1/2
12:45	122	9		6 1/2
1:00	122	9		6 1/2
1:15	122	9		6 1/2
1:30	122	9		6 1/2
HD-224 1:45	122	9		6 1/2
2:00	122	9		6 1/2

