

WPT - 8/11/98
online
8/20/98 3:00
8/21/98 12:00 (FINAL)

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

05-350336

P 510247

A 17262

DISTRICT 5th

DATE 7/8/98

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 410-313-2640

INDEXED

DATE SYSTEM APPROVED 8/21/98

INSPECTOR [Signature]

Olen Ketterman

IS PERMITTED TO INSTALL ALTER

ADDRESS 14960 Route 144, Woodbine, Maryland 21797

PHONE 410-442-1336

SUBDIVISION Country Lane

LOT 3

ROAD 7433 Mink Hollow Road

PROPERTY OWNER Selfridge Builders

ADDRESS _____

SEPTIC TANK CAPACITY: 1000 GALLONS = 2 BEDROOM IN-LAW-SUITE

SEPTIC TANK CAPACITY 1500 GALLONS = 5 BEDROOM HOUSE

NUMBER OF BEDROOMS 5

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 420

TRENCHES - Trench to be 2 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 6.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 3 feet of stone below distribution pipe.

LOCATION - ~~Beginning from the intersection of the 466.73' and 895.50' lot lines, begin trenches 280 feet up the 895.50' lot line and 100' feet off that same lot line.~~

~~Run trenches on contour in both directions.~~

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

7/10/98 2 separate systems each starting at opposite ends of the SDA *

PLANS APPROVED BY Amy McMillen

DATE 7/01/98

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

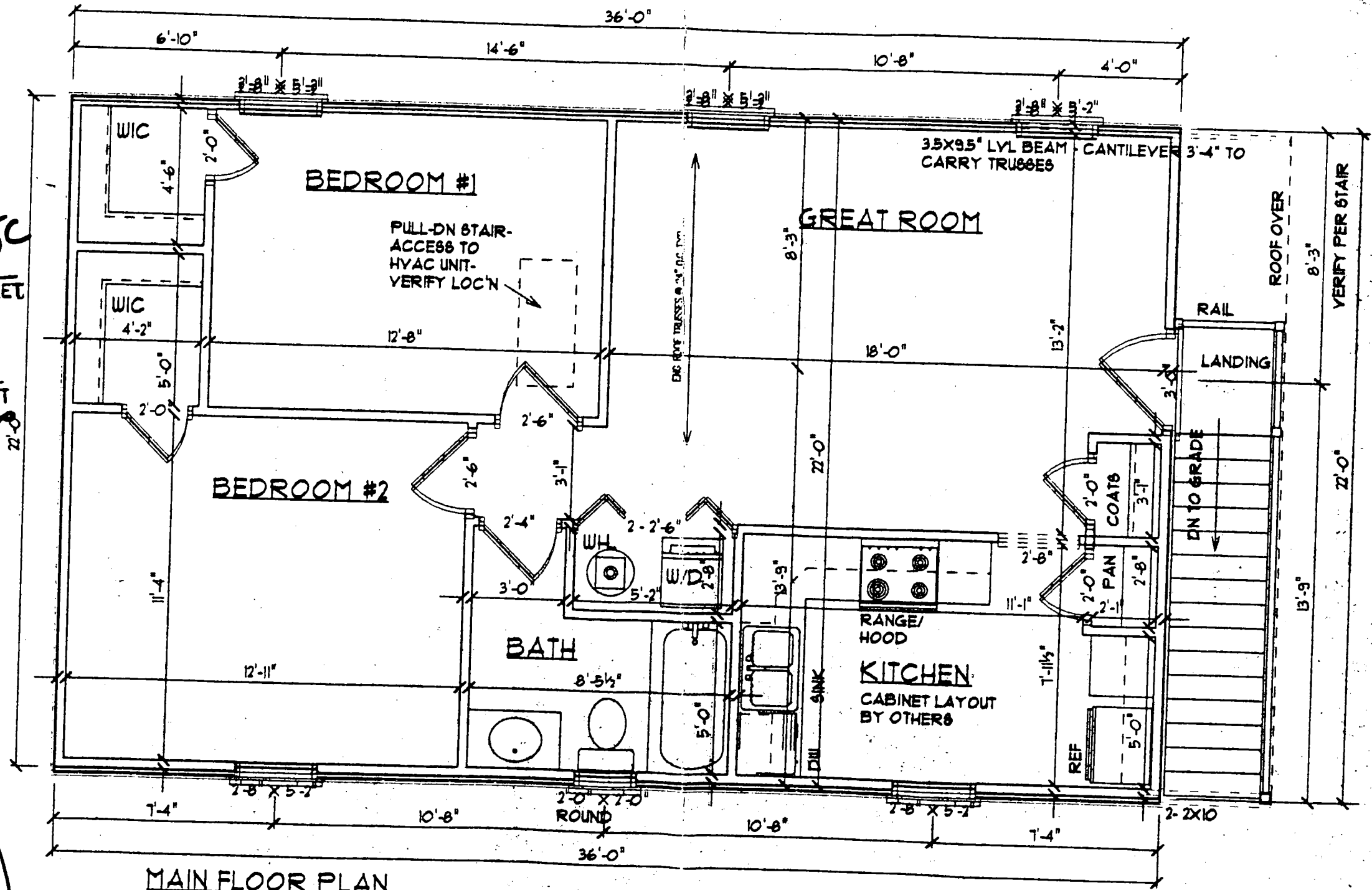
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

A 510247

WHITE-MERTENS I

ASSUMED GRADE

CONT CONC FTG



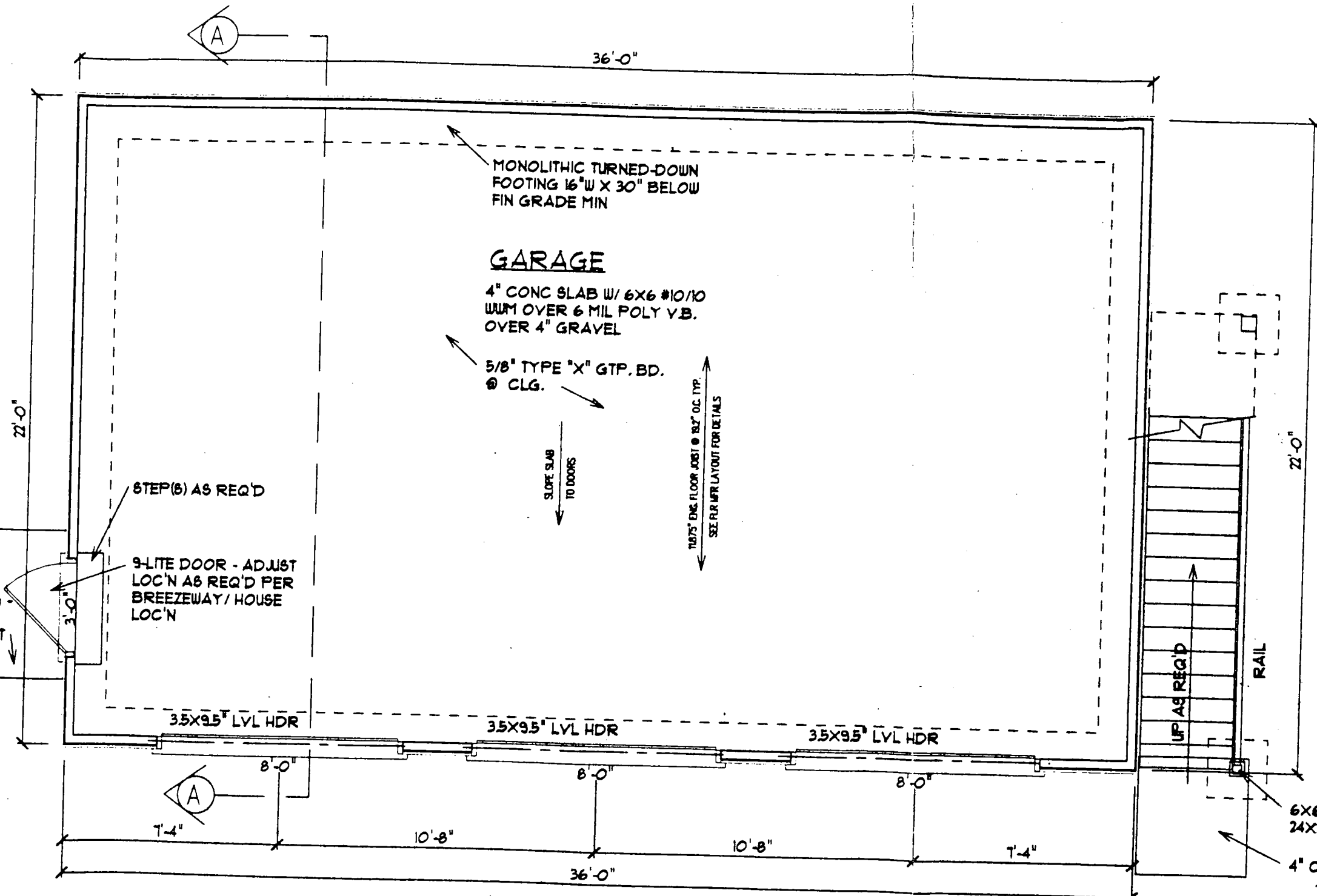
SEE COMMENT NO. 15C ON ATTACHED REVIEW SHEET

SEE COMMENT NO. 21 ON ATTACHED REVIEW SHEET and in all bedrooms

POST ON 12" CONC FTG
 IC SLAB

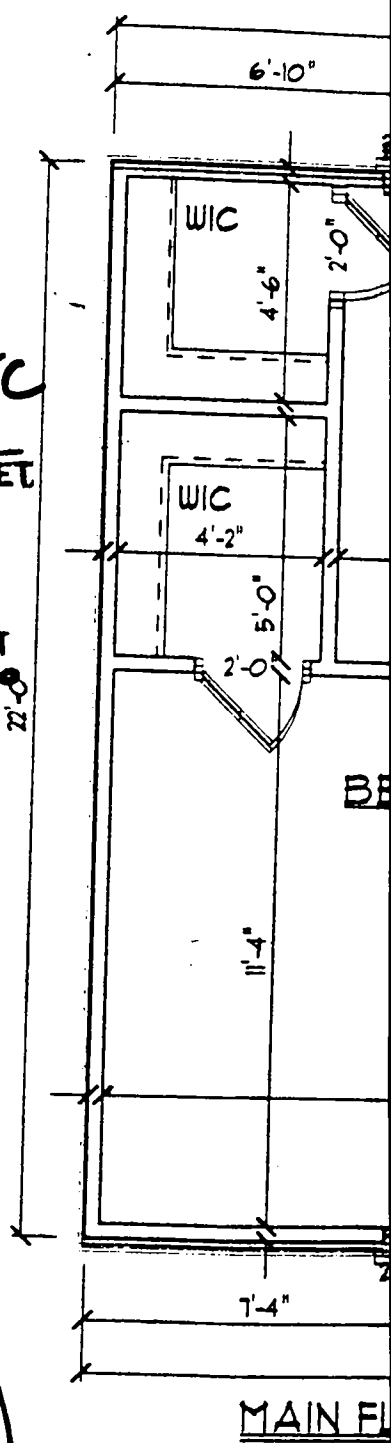
REVERSE PLAN

DISK ID.	
SCALE: VARIES	
REVISIONS	
DATE	3-24-1998
SHEET NO.	SU-5



GARAGE PLAN

REVERSE PLAN



MAIN FLOOR PLAN

M 36 LBET
FO - K 6 T 16 mm
8/12/98 (CW)

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 _____

Name of Installer George Baker

Telephone 410 788-3080

License Number _____
Certified Well Pump Installer _____ Well Driller _____ Registered Plumber

Name of Property Owner Selfridge Bldrs Telephone 410-992-8282
Subdivision Country Farm Lane Lot # 3 Well Tag # 110-94-1506
Site Address 7433 Milk Hollow Rd.

Pump	Motor	Pitless Adapter
1. Type a. Deep well jet _____ b. Shallow well jet _____ c. Submersible <input checked="" type="checkbox"/>	1. Horsepower <u>3/4</u> 2. RPM _____ 3. Voltage _____ a. 110 _____ b. 220 <input checked="" type="checkbox"/>	1. Make <u>Martinson</u> 2. Model # <u>B10K</u> 3. Depth <u>48</u>
2. Make <u>Meyer's</u>		
3. Model # _____		
4. Capacity <u>7</u> GPM		
5. Pump exceeds well capacity Yes <input checked="" type="checkbox"/> No _____		
6. If Yes, is low pressure cutoff switch installed? Yes <input checked="" type="checkbox"/> No _____		
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors <input checked="" type="checkbox"/> Cable guards <input checked="" type="checkbox"/> Other _____		

Tank	Piping	Well data
1. Capacity <u>1103</u>	1. Type <u>1"</u>	1. Depth <u>305</u> ft.
2. Pressure relief valve? <input checked="" type="checkbox"/>	2. Size _____	2. Yield <u>3</u> GPM
	3. NSF and/or BOCA Code approved _____	3. Static water level _____ ft.
	4. Depth of supply line _____	4. Will water supply be disinfected by installer? <input checked="" type="checkbox"/>

8/14/98 NO GROUT 2' B.G. TO 6" BELOW PITLESS ADAPTOR -
DONOT COVER WELL LINE OK MR

SUSPECT GROUT IS NOT PROPERLY INSTALLED
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: George Baker

Date: 6-23-98

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

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-1506
 Location of property (road) Mink Hollow Rd.
 Subdivision Country Farm Lane Lot 2 Block _____ Plat _____ Sec. _____
 Well Driller Ralph MAYNE Owner ~~BIMSTIFF~~ BIMSTIFF

Depth of well 305 ft
 Distance of measuring point (M.P.) above ground 2 ft
 Static water level (S.W.L.) below M.P. 38 ft


I. High rate pumping -- reservoir drawdown

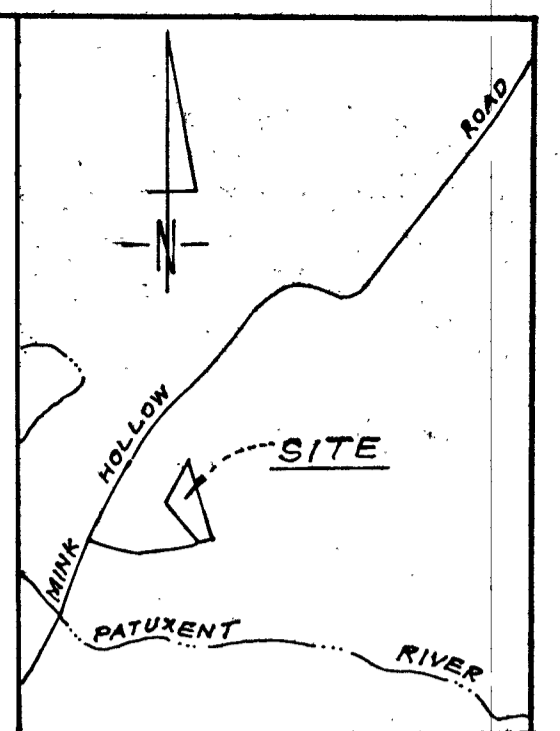
Time pump started 8:00 Pumping rate 12 GPM
 Total time 30 min to reach pumping water level 185 ft. below M.P.

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 <u>5</u> gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:30	185 ft	20 Sec		3 GPM
8:45	185 ft	20 Sec	34 ft casing	3 GPM
9:00	185 ft	20 Sec	30+ open	3 GPM
9:15	185 "	20 "	14 bags	3 "
9:30	185 "	20 "		3 "
9:45	185 "	20 "		3 "
10:00	185 ft	20 Sec		3 GPM
10:15	185 ft	20 Sec		3 GPM
10:30	185 ft	20 Sec		3 GPM
10:45	185 "	20 "		3 "
11:00	185 "	20 "		3 "
11:15	185 "	20 "		3 "
11:30	185 ft	20 Sec		3 GPM
11:45	185 ft	20 Sec		3 GPM
12:00	185 ft	20 Sec		3 GPM
12:15	185 "	20 "		3 "
12:30	185 "	20 "		3 "
12:45	185 "	20 "		3 "
1:00	185 ft	20 Sec		3 GPM
1:15	185 ft	20 Sec		3 GPM
1:30	185 ft	20 Sec		3 GPM
1:45	185 "	20 "		3 "
2:00	185 "	20 "		3 "
2:15	185 ft	20 Sec		3 GPM
HD-224 2:30	185 ft	20 Sec		3 GPM


Total linear feet of trench required **420** feet
 Width of trench(es) **2.0** feet
 Depth of trench(es) **0.5** feet
 Depth of stone required below distribution pipe **3.0** feet

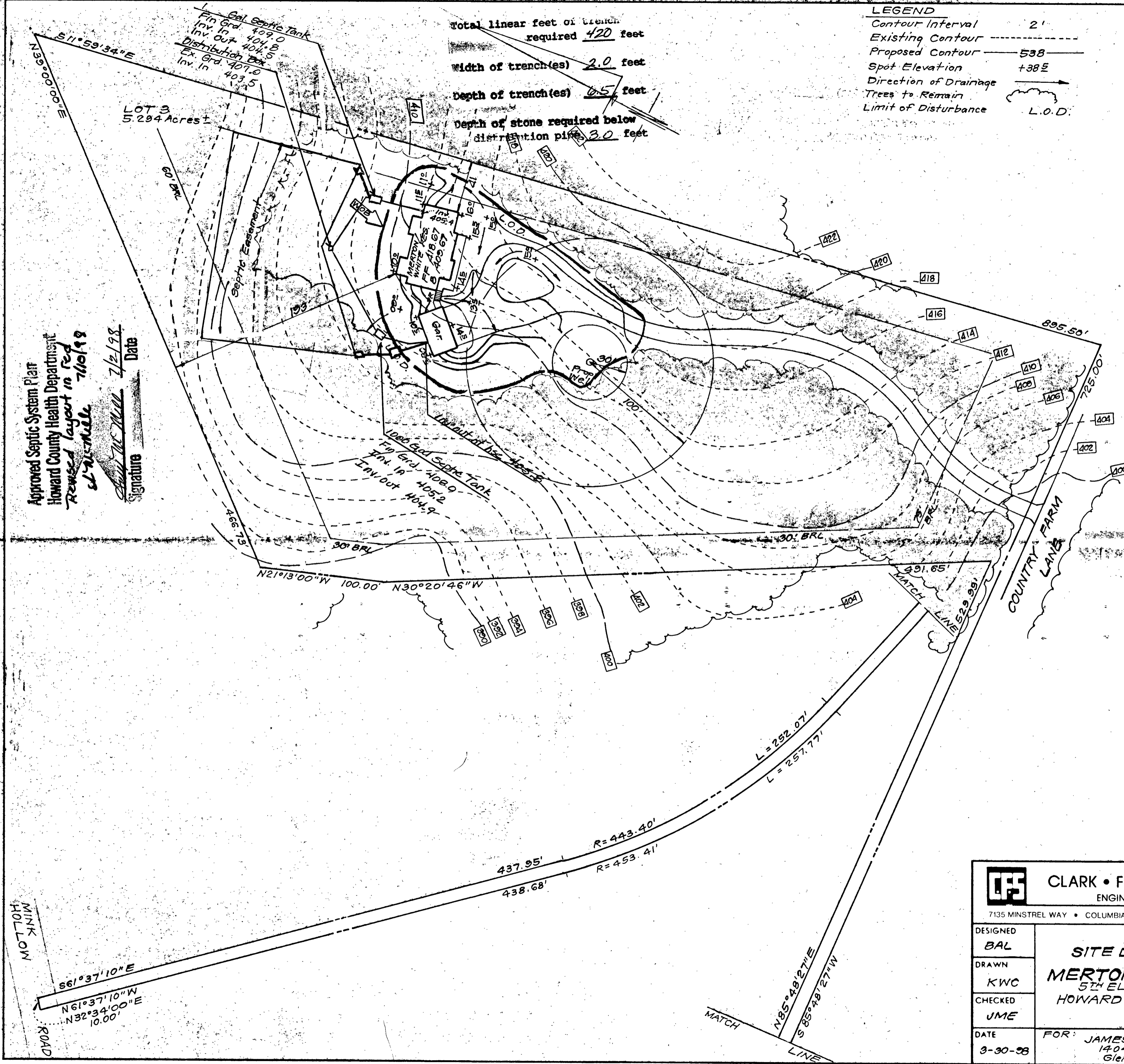
LEGEND
 Contour Interval 2'
 Existing Contour -----
 Proposed Contour - - - - - 538
 Spot Elevation +385
 Direction of Drainage →
 Trees to Remain 
 Limit of Disturbance L.O.D.




VICINITY MAP
 SCALE: 1" = 2000'

- GENERAL NOTES**
- Existing Topography was field run by Clark, Finefrock & Sackett, Inc. on 3-3-98
 - Length of trenches to be determined at time of Permit Issuance
 - Area Disturbed : 28,325 sq. ft.

Approved Septic System Plan
 Howard County Health Department
 Revised layout in Red
 2/10/99
 Signature:  Date: 2/12/98



 CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 - BALTO. • (301) 621-8100 - WASH.		
DESIGNED BAL	SITE DEVELOPMENT PLAN LOT 3 MERTON-WHITE PROPERTY 5 TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 50'
DRAWN KWC		DRAWING 10f1
CHECKED JME		JOB NO.
DATE 3-30-98		FOR: JAMES H. SELFRIGE BUILDERS, INC. 14045 Gared Drive Glenwood, Md. 21738

CURVE DATA						
No.	Radius	Δ	Arc	Chord Bearing	Chord	Tan.
1.	433.41	22°06'56"	167.29	N72°40'38"W	166.26	89.70
2.	443.41	32°34'23"	252.08	N77°54'21"W	248.70	129.55
3.	453.41		257.77		254.31	132.97
4.	463.41		263.45		259.92	135.39
5.	473.41		269.14		265.53	138.31
6.	483.41		274.82		271.14	141.24
7.	493.41		280.51		276.79	144.17
8.	503.41		286.20		282.40	147.10
9.	513.41		291.89		288.01	150.03
10.	523.41		297.58		293.61	152.96
11.	533.41	32°34'23"	331.67	N77°54'21"W	327.22	170.45
12.	7206.16	06°44'43"	143.00	N89°10'49"E	141.92	71.08
13.	1196.16	13°30'28"	282.00	S87°26'19"E	281.35	141.66
14.	1186.16	16°54'40"	350.10	S85°44'13"E	348.83	176.33
15.	1126.16	16°54'40"	332.39	S85°44'13"E	331.18	167.41
16.	1116.16	10°39'49"	207.74	N88°51'38"W	207.34	104.17
17.	1106.16	0°58'26"	18.80	S86°17'40"W	18.80	9.40

NOTE: The lots shown hereon comply with minimum ownership width and lot area as required by Maryland State Department of Health regulations.

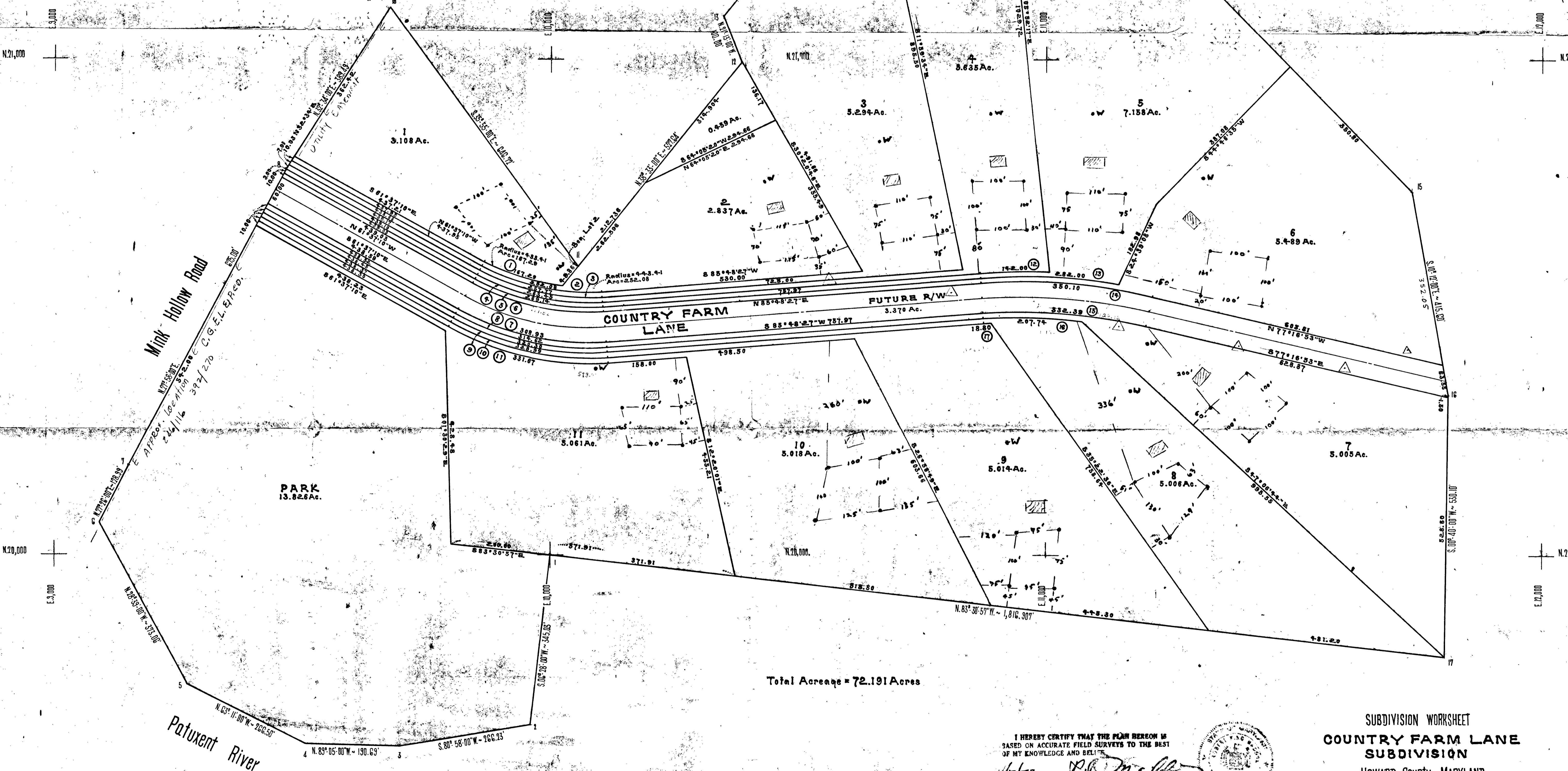
APPROVED: For private water and private sewerage.
HOWARD COUNTY HEALTH DEPARTMENT

6/27/73
DATE

[Signature]
COUNTY HEALTH OFFICER

PERCOLATION TEST		
Lot No.	Average Percolation Time in minutes 2" inch	Maximum depth permitted for effluent pipe to enter storage disposal area of its highest elevation with reference to existing grade at time of percolation test.
1	10 min	4'
2	7 "	5'
3	2 "	5'
4	2 "	5'
5	2 "	5'
6	3 "	4'
7	3 "	4'
8	3 "	4'
9	15 "	3'
10	2 "	5'
11	3 "	5'

Scale: 1" = 100'



Total Acreage = 72.191 Acres

I HEREBY CERTIFY THAT THE PLAN HEREON IS BASED ON ACCURATE FIELD SURVEYS TO THE BEST OF MY KNOWLEDGE AND BELIEF.
 DATE 6/27/73
[Signature]
 E. E. HADWIN, SURVEYOR



SUBDIVISION WORKSHEET
COUNTRY FARM LANE
SUBDIVISION
 HOWARD COUNTY, MARYLAND
 Dec., 1972
 Scale: 1" = 100'

APPLICATION

MMBK
410-313-2640
COUNTRY FARM LLC
NO # 0

PERCOLATION TESTING
NO FEE (MP)

A A17262
10400
P _____

ELECTIVE ABTEST
OLD NOTES
RE CHECK FOR
WATER TABLE.

DISTRICT _____
DATE 3/23/98
@ 10:AM

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

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 KENNETH J. + SUZANNE GAERTNER Selfridge Builders

ADDRESS 12885 Folly Quarter Rd PHONE _____

AGENT OR PROSPECTIVE BUYER Jim Boy

ADDRESS 5575 Starrett Place, Columbia 21044 PHONE 410-715-3246

PROPERTY LOCATION:

SUBDIVISION Country Farm LOT NO. 3

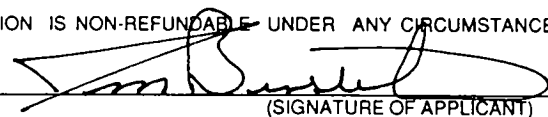
ROAD AND DESCRIPTION Country Farm Rd (7435 Mark Hollow Road)

TAX MAP 40 PARCEL # 385

SIZE OF LOT 5.294 Ac TYPE BLDG. _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

RECEIVED 5-7-98
Serial # B10110790
Single Family - 4 Bed

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 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

A17262
COUNTY #

SOIL PROFILE
A B F

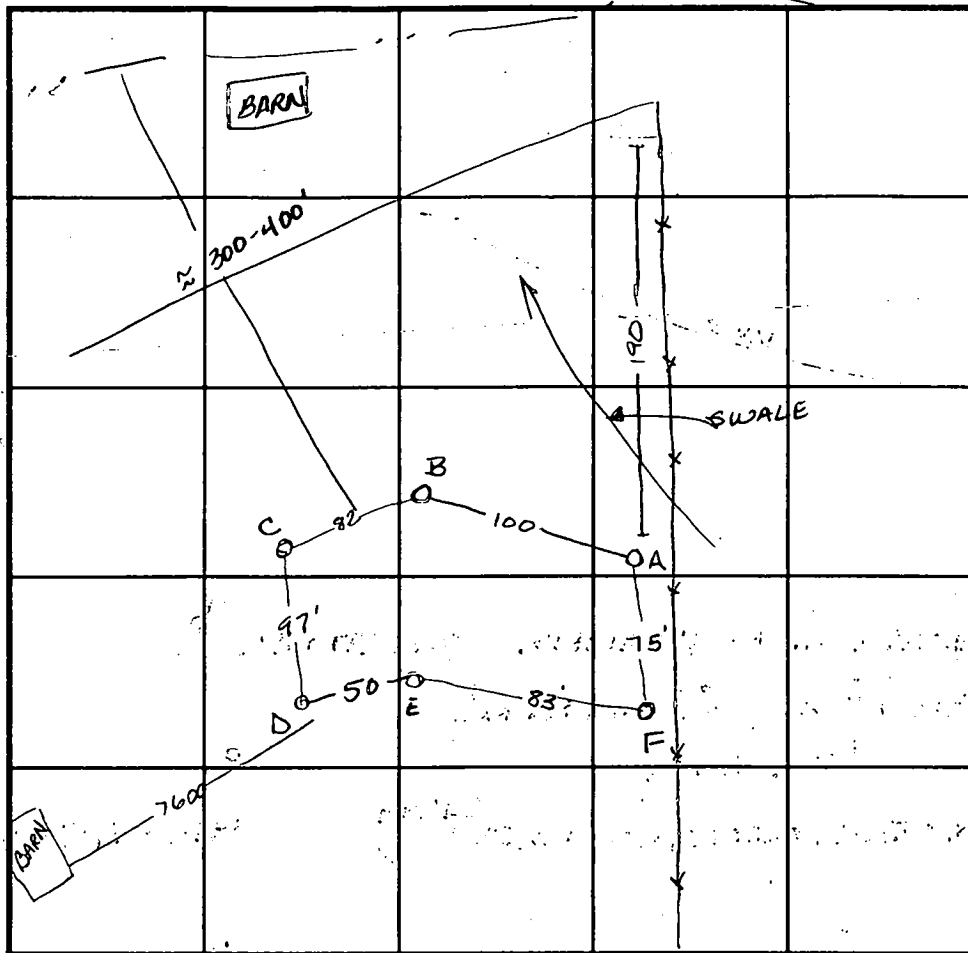
0'
beigh
SiClm
3.5
lgt
brn
SiSaln
10% 20%
micaceous
Shale
12.0
brn grey
Saln
20%
Shale
14.0

C, D

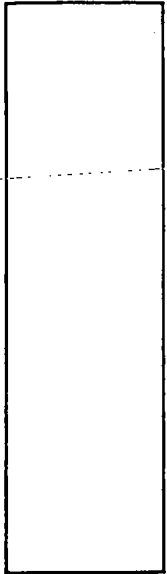
red
brown
SiClm
4.0
lgt
tan
SaSiLm
10%
Shale
micaceous
14.0

E

orange
brown
SiClm
4.0
lgt
grey
SiSaln
to
orange
SiLm
10%
micaceous
Shale
14.0



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE: Country Farm Ln

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3-23-98	D	4.5 V14.0	11:51	11:53	11:53	11:56	3min
	B	4.0 V14.0	11:59	12:00	12:00	12:02	2min
	A	4.5 V14.0	12:02 ³⁰	11:03 ¹⁵	11:03 ¹⁵	11:05 ³⁰	2 1/4min
	C	Visual	to 14.0 - see profile		—		OK
	E	Visual	to 14.0 - see profile		—		OK
	F	Visual	to 14.0 - see profile		—		OK

REMARKS Pipe performed due to likely failing soils in existing approved esmt.

TYPE OF SOIL _____
 TESTED BY Amy McMillen ALSO PRESENT Jim Bim
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 min TRENCH WIDTH 2.0
 INLET DEPTH 3.5 MAXIMUM BOTTOM DEPTH 6.5 SQ. FT./BEDROOM 180

APPLICATION

SEWAGE DISPOSAL TESTING

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5

DATE 7/26/72

A 17262

P _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TESTS IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Edwin G. Willson

ADDRESS 14507 Gilpin Road, Silver Spring, Md. PHONE 774-9698

PROPERTY LOCATION:

SUBDIVISION Mink Farm LOT NO. 3, Sect. 1

ROAD AND DESCRIPTION Unnamed Road

OCCUPANT _____ PHONE _____

PERSON TO CONSTRUCT SYSTEM _____

ADDRESS _____ PHONE _____

SIZE OF LOT 5.5 acres TYPE BLDG. 3 or 4 bedrooms
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

SIGNATURE OF APPLICANT /s/ Edwin G. Willson

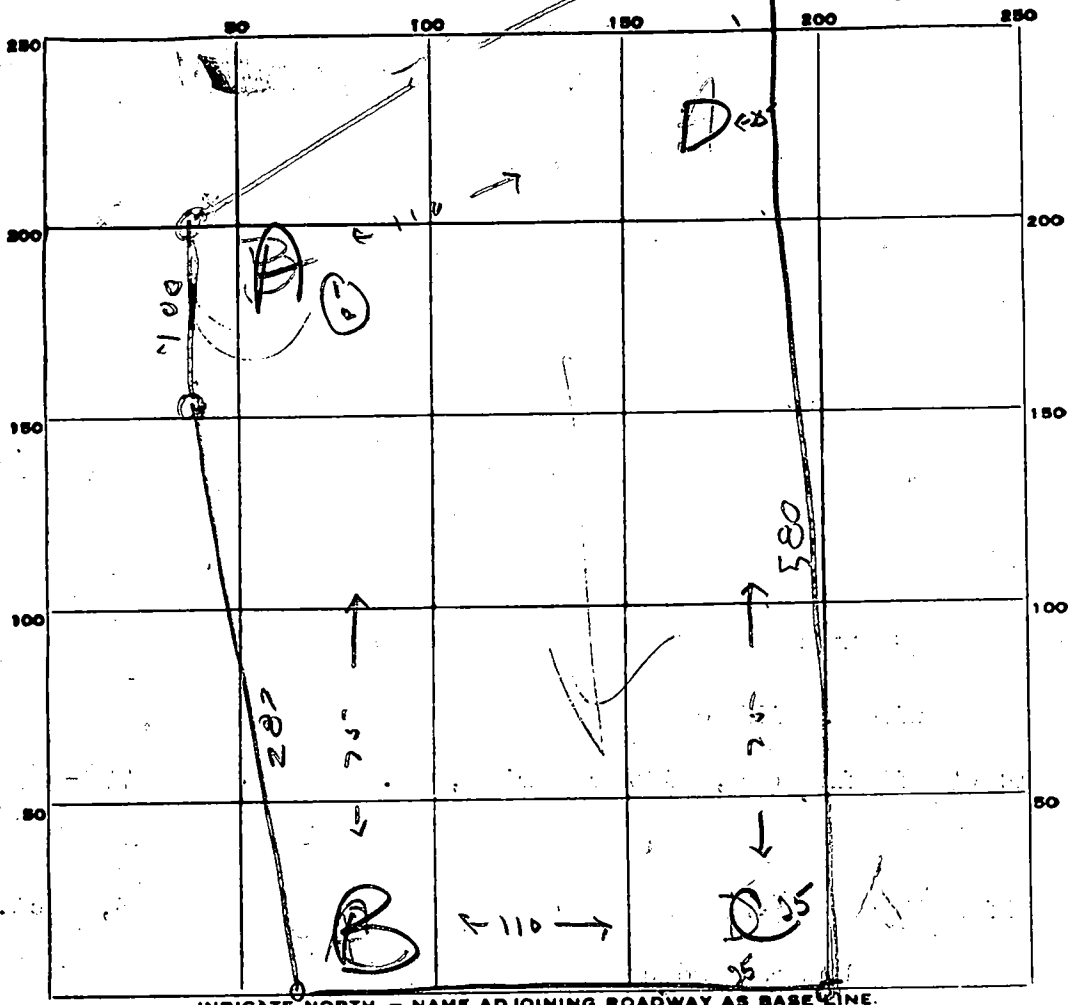
APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



UNNAMED RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/27	A 1	5' 4"	1:24	1:24 ^{1/2}	1:24 ^{1/2}	1:25 ^{1/2}	1 1/2 min
	C 2	11'	1:24	1:25	1:25	1:26	2 min
B	3	10'	TOP 5' clay Bottom 5' sandy		Dry		
C	4	6'	1:31	1:31 ^{1/2}	1:31 ^{1/2}	1:32 ^{1/2}	1 1/2 min
	5		1:31	1:32	1:32	1:33	2 min
D	6	11'	TOP 6' clay Bottom 5' sandy		Dry		

Dry

Dry

artline

2 min

Max

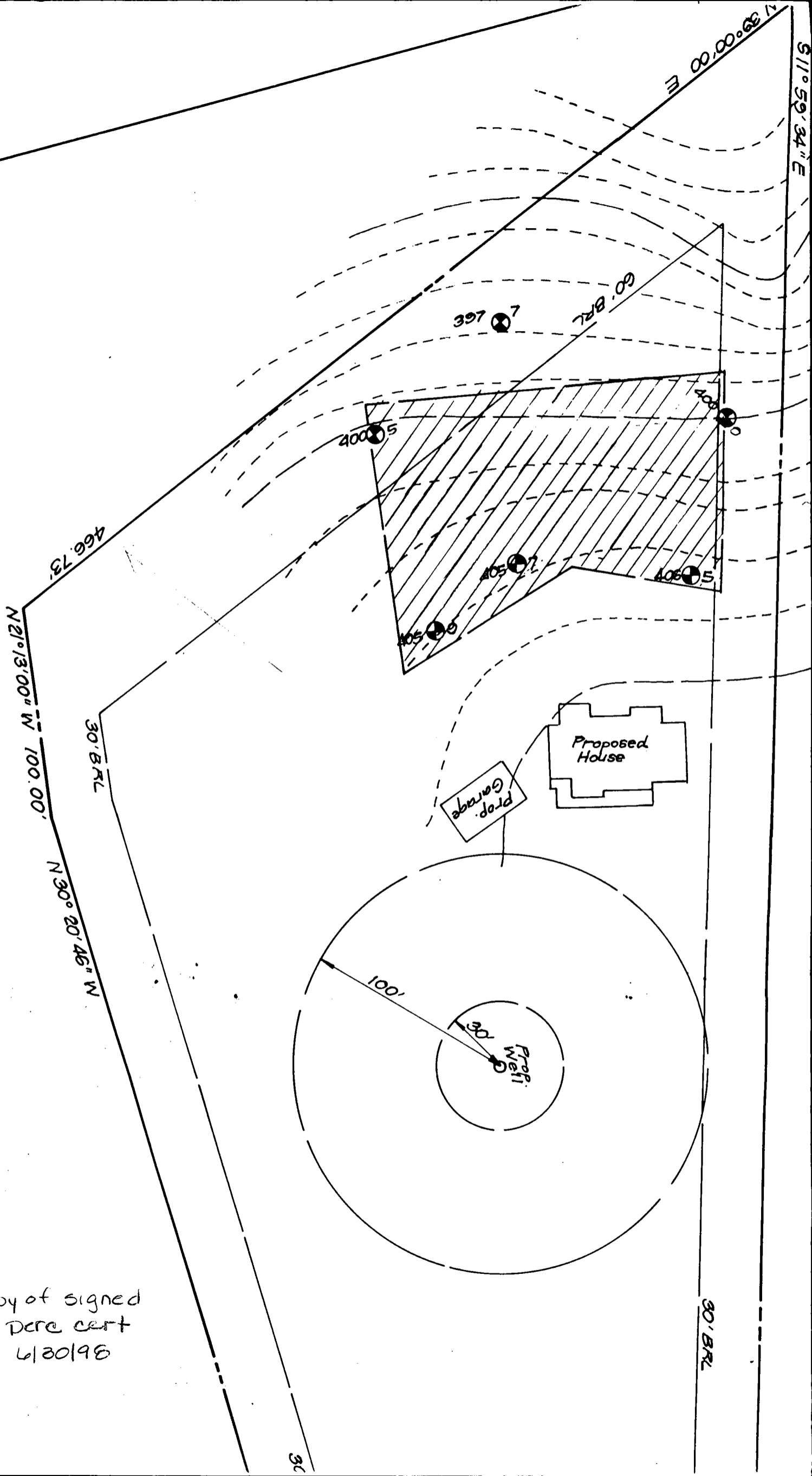
1 1/2 min depth

5 ft

SOIL AUGER FINDING _____

TESTED BY _____

REMARKS _____



Copy of signed
 Dec cert
 6/30/98

APPLICATION

HOWARD COUNTY

SERIAL NUMBER

PERMIT APPLICATION

DEPARTMENT OF INSPECTIONS, LICENSES & PERMIT
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

300110790

#25

ADDRESS (HOUSE NO., STREET, TOWN OR AREA)

7433 Mink Hollow Road
Highland, MD 20777 35035

GRADING/SEDIMENT CONTROL YES NO
MODIFIED PROVISIONS SDP #

DESCRIPTION OF WORK AUTHORIZED
Single Family 2 story colonial
with detached 3 car garage.
2 pre-paid fireplace
3 1/2 bath. (4 BRMS)
Basement Rough-IN *partial PA*

LOT NO.	PARCEL NO.	SEC.	AREA	BLOCK NO.	LIBER	FOLIO
-	385	-	-	7		
SUB DIVISION		ZONE	ZONE MAP	ELEC. DIST.	CENSUS TR.	
N/A		RE-DEO	40	5	6051.01	

OWNER NAME AND ADDRESS
SEIFRIDGE BIDS
14045 GARD DR.
91ENWOOD MD 21736
PHONE NO. 410-992-8282

OCCUPANT'S NAME AND ADDRESS
SAME
PHONE NO.

ARCHITECT OR ENGINEER'S NAME AND ADDRESS
NA
PHONE NO.

CONTRACTOR'S NAME AND ADDRESS
SAME AS ABOVE
PHONE NO.

SIZE OF BLDG.	FRONT	DEPTH	HEIGHT
TYPE OF BLDG.	AREA	VOLUME	ROOF
B. ROOMS			
ROOMS			
BATHS			
FIREPLACES			
FOOTINGS		FOUNDATION	S. WALLS

LIMITIES
WATER/WELL SEWER/SEPTIC GAS ELECTRICITY TYPE OF HEAT AC

I have carefully examined and read this application and know the same is true and correct, and that in doing this work, all provisions of Howard County Ordinances and the State Laws of Maryland will be complied with, whether specified or not; and I will notify the Department of Inspections, and Permits twenty-four hours in advance when I am ready for the inspections called for elsewhere in the application; and that no work will be covered up until such inspections have been complied with.

Berman DAHO
SIGNATURE
PREP ASST TITLE
3/31/98 DATE

EXISTING USE: ACANT LOT
PROPOSED USE: New SFD

EST. CONSTRUCTION COST: 180,000
LICENSE NUMBER: NA
PERMIT FEE: NA

WS CODE: NA

FOR OFFICE USE ONLY

DISTANCE IN FEET FROM RW LINE TO FRONT BUILDING LINE _____
SIDE YARD (DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE) _____
TO SIDE BUILDING LINE
DISTANCE IN FEET, REAR YD. REQUIRING SET _____
BACK (CORNER LOT ONLY) _____ SDP # _____

FUNCTION	DATE	SIGNATURE APPROVAL
ZONING/PLANNING		
SHA		
SEDIMENT/GRADING		
BUILDING OFFICIAL		
WATER & SEWER		
HEALTH DEPT.	4/7/98	A M Miller
FIRE PROTECTION		
STORM WATER MGM.		

Check payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

CAUTION

To begin construction before a permit placard has been issued and displayed on the job is a violation of the law. Use and occupancy permit must be applied for two weeks before it will be issued.

IMPORTANT: PLEASE SHOW ZIP CODES AND AREA CODES WHEREVER REQUIRED.

LP-69-591 *ck 11776*

Distribution of Copies:
White - Building Official
Green - Planning & Zoning

Yellow - Engineering
Pink - Health Dept.
Gold - S.H.A.

APPROVED

DATE

Dear C. Williams

The main house has 5 Bedrooms

The detached garage @ Apt above has
Two (2) Bedrooms

Total 7 Bedrooms

Robert Dan Swinder D&I A