

2-491 3/1/91 asap  
1:00 ✓  
+ LATE ✓  
{ Truck Broken }  
Down in A.M.

Tax ID -05-411998

File

3/1 0 P.C.O.  
C.B.C.

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

**HOWARD COUNTY**  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

P 41627

A 39827

DISTRICT \_\_\_\_\_

DATE 11/20/90

DATE SYSTEM APPROVED 3/1/91

INSPECTOR C.B.C.

## INDEXED

Installer Jimmy Boone

Builder \_\_\_\_\_

~~South Carroll Backhoe, Inc.~~ Dorsey Construction

ADDRESS 16247 Frederick Road, Woodbine, MD 21797 IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_  
4410 Salem Bottom Road, Westminster, Maryland PHONE 750-2836  
E LINDEN CHAPEL Estates Dr. 875-4197

SUBDIVISION Chapel Woods II ROAD 11821 Chapel Woods Drive LOT 5

PROPERTY OWNER Qulab Shah

ADDRESS Builder - Phil Dorsey 750-2836 978-2801 truck

~~W/CARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%~~

~~W/CARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%~~

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 5

TRENCHES - 180 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 3 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Start the first trench 130 feet from the front lot line and 40 feet from the right lot line as seen when facing the lot from Linden Chapel Road. Run trenches on contour toward the right rear of lot.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 8-3-90 JEN

C.B.C. →

PLANS APPROVED BY Sid Abel cm DATE 07/21/89

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

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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 40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

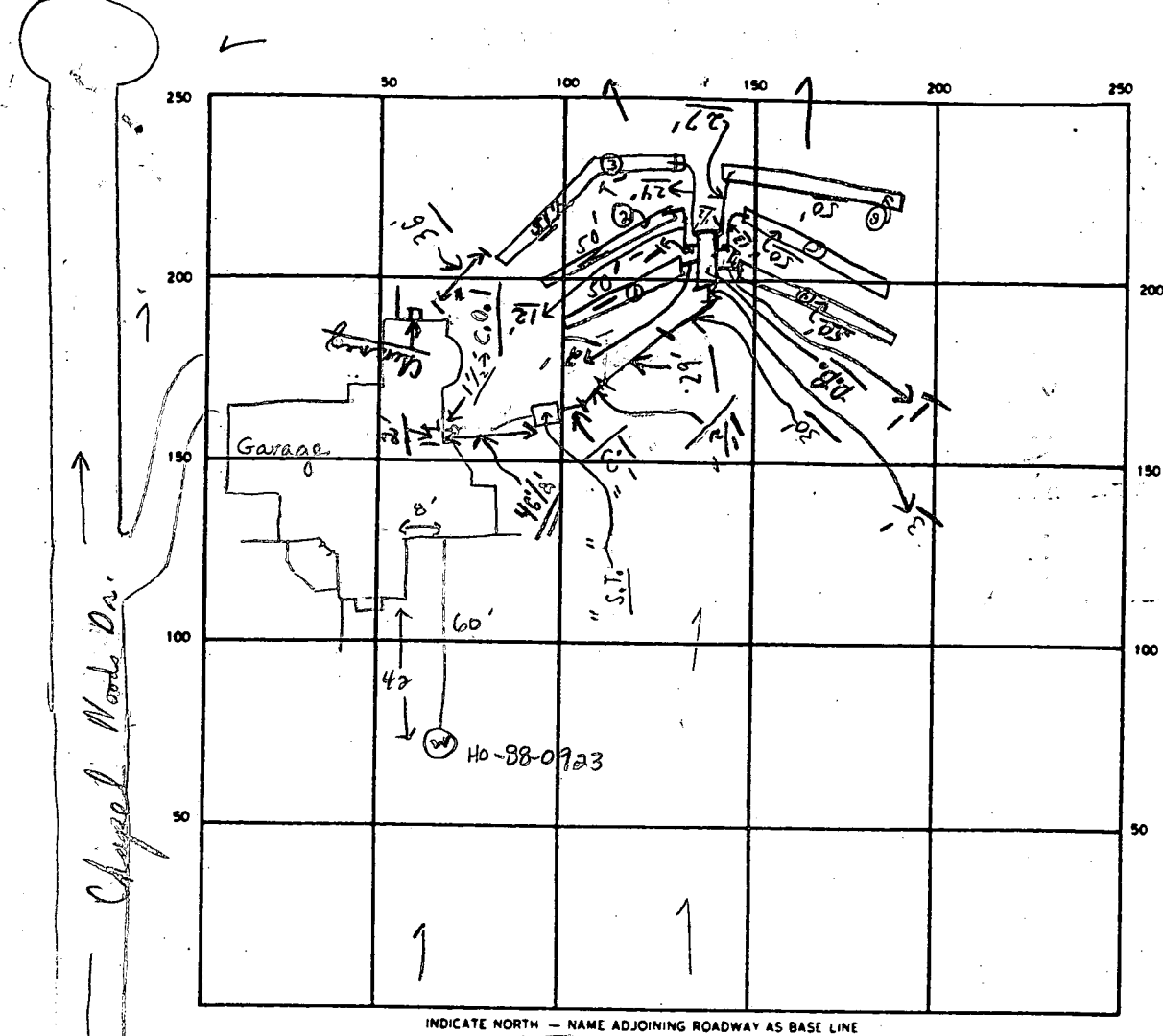
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A  
39827



Chapel Woods Dr.

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

← Lindero Chapel Road →

SEPTIC TANK LEVEL 1500 gal of CLEANOUTS 50 Man hole <sup>S.T.</sup> OK <sup>S.T. (SMALL)</sup> OK <sup>C.G.</sup> OK

DISTRIBUTION BOX LEVEL OK (Bohler's in) <sup>1 1/2' from house wall</sup>

DRAIN FIELD/TILE FIELD DEPTH 4.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2' FT. TOTAL LENGTH 301' (IN TRENCHES)

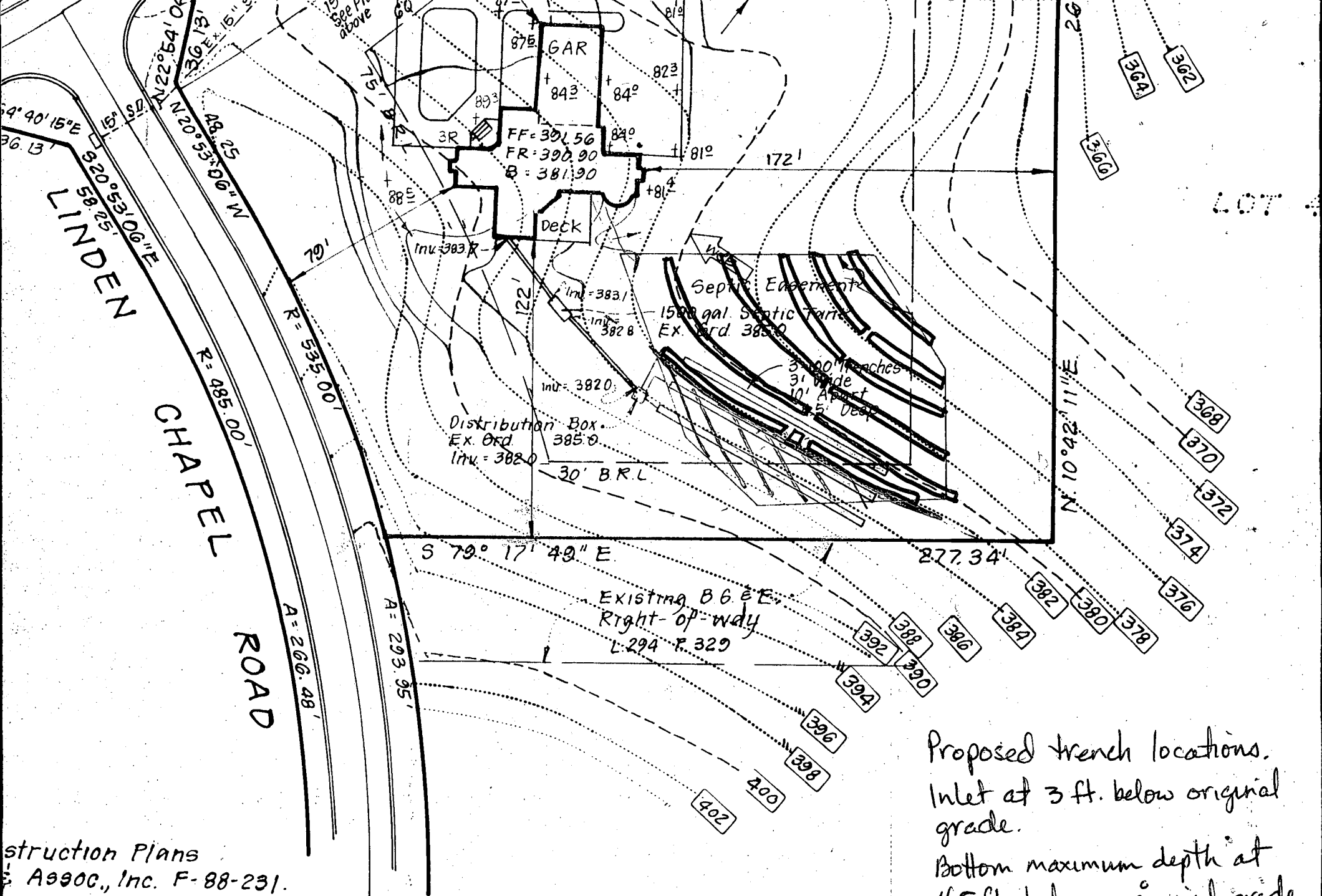
NUMBER OF TRENCHES 6 ONE 903 SQ. FT. / BOTTOM AREA

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

ABSORBENT AREA 903 SQ. FT.

REMARKS 2-4-91 Tank & distribution box set 5 ft below grade. Maximum depth of trench 4.5 ft. JEN 3/1/91 ASPER ABOVE; PIPE COVERED BETWEEN TANK AND HOUSE; PARTIAL; OK TO COVER ALL WORK EXCEPT CLEANOUT AREA OF SEPTIC TANK; LATE P.M. 3/1/91 <sup>BASE OF</sup> MANHOLE TYPE CLEANOUT CEMENTED - TOP TO BE PUT ON; FINAL.

DATE SYSTEM APPROVED 3/1/91 INSPECTOR Charles Bryan Strecker



Construction Plans  
 © AS900, Inc. F-88-231.

Chaple Woods II, Lot-5

Proposed trench locations.  
 Inlet at 3 ft. below original grade.  
 Bottom maximum depth at 4.5 ft. below original grade.  
 Room for initial system and one repair. 2-19-91  
 JEN/CW

# APPLICATION

PERCOLATION TESTING

A 39827

P \_\_\_\_\_

DISTRICT 5TH

DATE FEB - 11 - 91

100  
2-15-91  
10:00am

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

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 GULAB + REKHA SHAH Bungalow # 32325

ADDRESS 11821 CHAPEL WOODS PHONE 750-2836

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

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

PROPERTY LOCATION:

SUBDIVISION CHAPEL WOODS JT LOT NO. # 5

ROAD AND DESCRIPTION RT #108 TO LINDEN CHAPEL TO RT.  
ON CHAPEL WOODS DRIVE (11821 Chapel Wood Drive)

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

**BLDG. PERMIT SIGNED**  
**AND RETURNED 2-11-91**  
*Serial # 39825 - 4 Bems*

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. SINGLE FAMILY  
(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.

(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING 2-15-91 Pending plat location, No additional area available for SDA. Plumbing must be reworked to attain gravity flow into trenches located as originally shown.

HD-216

# THIS IS NOT A PERMIT

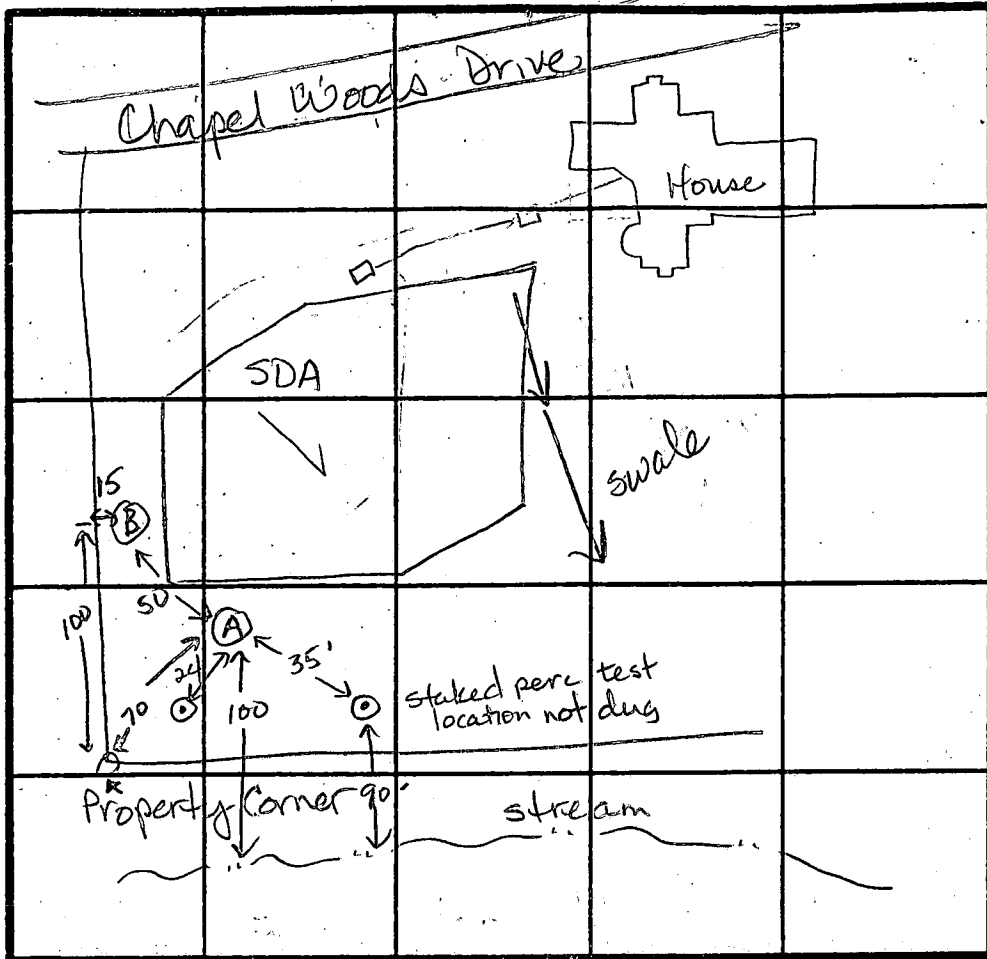
JEN

A 39827

(A) 10.45

SOIL PROFILE

0-15' Dk br s  
cl, organics  
15'-3.0 Rdl-br  
sa s cl  
3.0-5.5 Tan-br  
micaceous  
sa sl, <40%  
decomposed  
weathered  
saprolite  
5.5-14.0 Tan-white  
sa s l, 30%  
decomposed  
quartz veins  
Water at  
10.0 ft, Damp  
Qtz veins  
at 9.0 ft



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

14.0 Bottom

(B)

0-1.0 Dk br s cl  
organics  
10-3 Orange br  
sa c sl  
8-7.5 Tan mica  
sa sl  
< 40%  
saprolite  
7.5-11.0 Gray soft  
decomposed  
schist,  
no structure  
apparent  
< 25% frags  
11.0 Bottom

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2-15-91	A	5.0 S	10:50:44	10:52:44	10:52:44	10:56	4 min
		9.0 M	11:06:22	11:13	11:13	11:30	17 min
		14. D	Water at 10.0 ft				Marginal
	B	11 V	see profile				ok

wet at 9.0 ft.

REMARKS Area tested is close to existing SDA. No room to move downhill.

TYPE OF SOIL \_\_\_\_\_  
TESTED BY J.E. Nadeau, Dorena Buggs ALSO PRESENT Jimmy Boone

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND · DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 37502

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT \_\_\_\_\_

DATE 8/13/88

*3/3/88  
discrepancy*

*original  
test  
later Test A 39827  
9/10/84  
on other side of  
property  
failed*

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.

*823-8125  
740-7195  
837-1980*

PROPERTY OWNER J.J.M. Partnership Aulab, Shah

ADDRESS 5570-201 Sterrett Place PHONE 740-4466  
Columbia, Maryland 21045

PROPERTY LOCATION:

SUBDIVISION Chapel Woods II LOT NO. 5

ROAD AND DESCRIPTION West side of Middle Patuxent; North of Route 108 11821 Chapel Woods

SIZE OF LOT 4.11 ac. TYPE BLDG. residential  
(NUMBER OF BEDROOMS)

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.

*Jan Mikolasko*  
(SIGNATURE OF APPLICANT)

APPROVED BY Sichy Aulab FOR Standard Trust DATE 7/21/88

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

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

REASONS FOR REJECTION OR HOLDING 9-16-86 Perc. S.M.A.S. Factory, Hold Perc. Subdivision Platf, Shallw

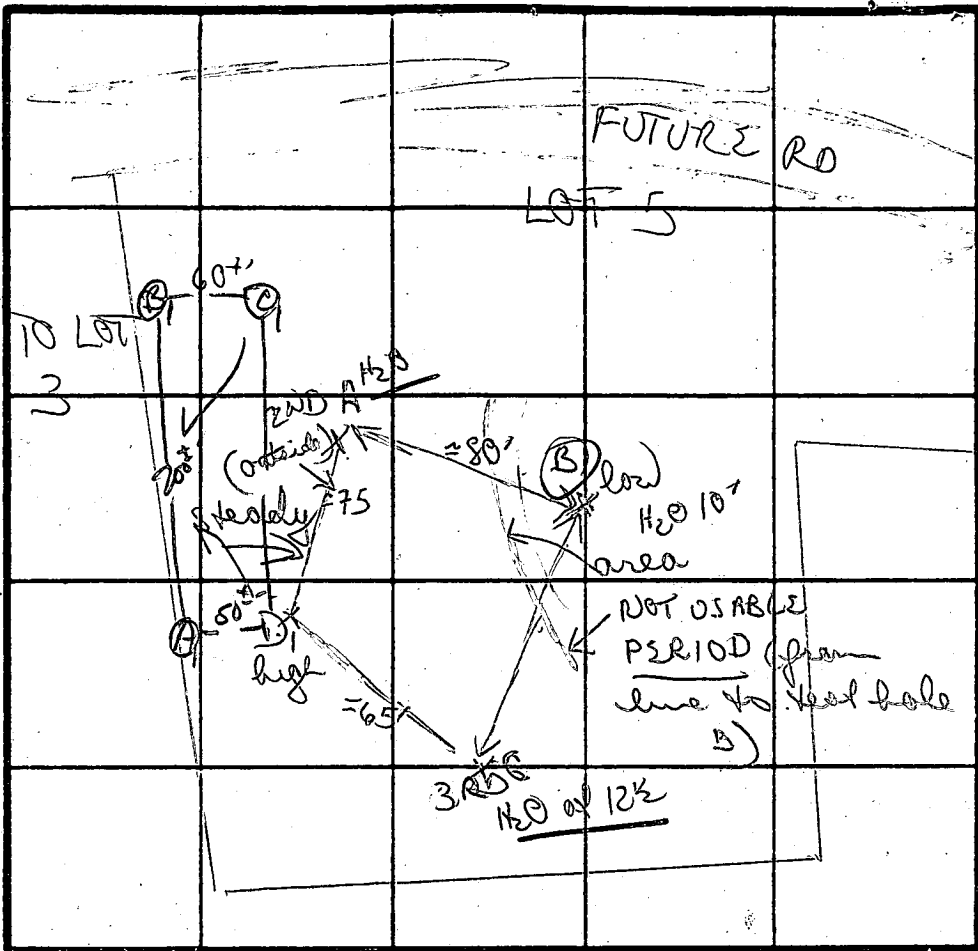
5958. only. S. Aulab

BOG. PERMIT SIGNED  
AND RETURNED 7/11/90  
Serial # 32325  
SID.

# THIS IS NOT A PERMIT

**D** **A**  
SOIL PROFILE

0  
Soft powdery  
orange/brown  
silty loam  
3'  
changing  
to tan  
brown  
silty loam  
w/ few small  
scattered  
rock frag



**B**  
orange silty  
clay loam  
rock frags  
3 1/2' below  
brown, grey  
brown silty  
loam (clay)  
w/ patches  
of blue/grey  
matter

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

**C**  
orange/brown  
silty clay/  
w/ 10% small  
red weathered  
rock  
4'  
changing to  
darker brown  
silty nice  
loam  
H2O 12 1/2' D  
13' D  
A

Brown/orange  
brown  
silty loam  
3'  
changing to  
light tan  
brown silty  
nice loam  
11' H2O  
12' Deep

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
9/10/80	A, S	3' 5"	12:26	12:26:30	12:26:30	12:27:30	1 MIN	
9/10/80	A, V	7' 13"	uniform soil below 3'					
9/4/80		12' 2 1/2"	bottom see profile					
	C	4' 5"	H2O AT 12 1/2'					
		13' D	bottom (see profile)					
	A	H2O AT 11' Deep						
	B	H2O AT 10' D SED						
9/10/80	D, S	3'	12:32:30	12:33	12:33	12:34	1 MIN	
	D, M	7'	12:30:30	12:31	12:31	12:32	1 MIN	
	D, V	12.5'						
	B, S	3'	12:37	12:37:30	12:37:30	12:39	1/5 MIN	
	B, V	12.5'	UNIFORM SOIL BELOW 3'					

H2O 10'  
10 1/2"  
SHALLOW  
ONLY  
x=2  
INLET 2 1/2  
MAX D 5

REMARKS: H2O 3 holes; lot not testable; topsoils good - possible get shallow system if wet season levels are OK

TESTED BY: B N. W. Kern

C, S	3.5'	12:40	12:40:30	12:40:30	12:41:30	1 min
C, V	13'	UNIFORM SOIL BELOW 3.5'				

# APPLICATION

Sept. 10th  
1:30 PM

PERCOLATION TESTING

A 39827

P \_\_\_\_\_

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

9/10/87  
Perc failed  
@

DISTRICT 5TH

DATE 8/5/87

8/6/87  
OK TO PROCESS

This was an attempted split of original lot 4. This 3 was not the same as original lot 5.  
201-740-1464

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 JUM PARTNERSHIP

ADDRESS 5570 - 201 STERRETT PLACE PHONE \_\_\_\_\_  
COLUMBIA, MARYLAND 21043

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

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

PROPERTY LOCATION:

SUBDIVISION CHAPELWOODS II LOT NO. # 5

ROAD AND DESCRIPTION WEST OF MD. ROUTE 108, NORTH OF SHEPPARD LANE  
(WILL MEET US ON SERVICE ROAD)

TAX MAP 29 PARCEL # 26,861,282

SIZE OF LOT 3.10 TYPE BLDG. SINGLE FAMILY DWELLING  
(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.

John Mikolasko  
(SIGNATURE OF APPLICANT)

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

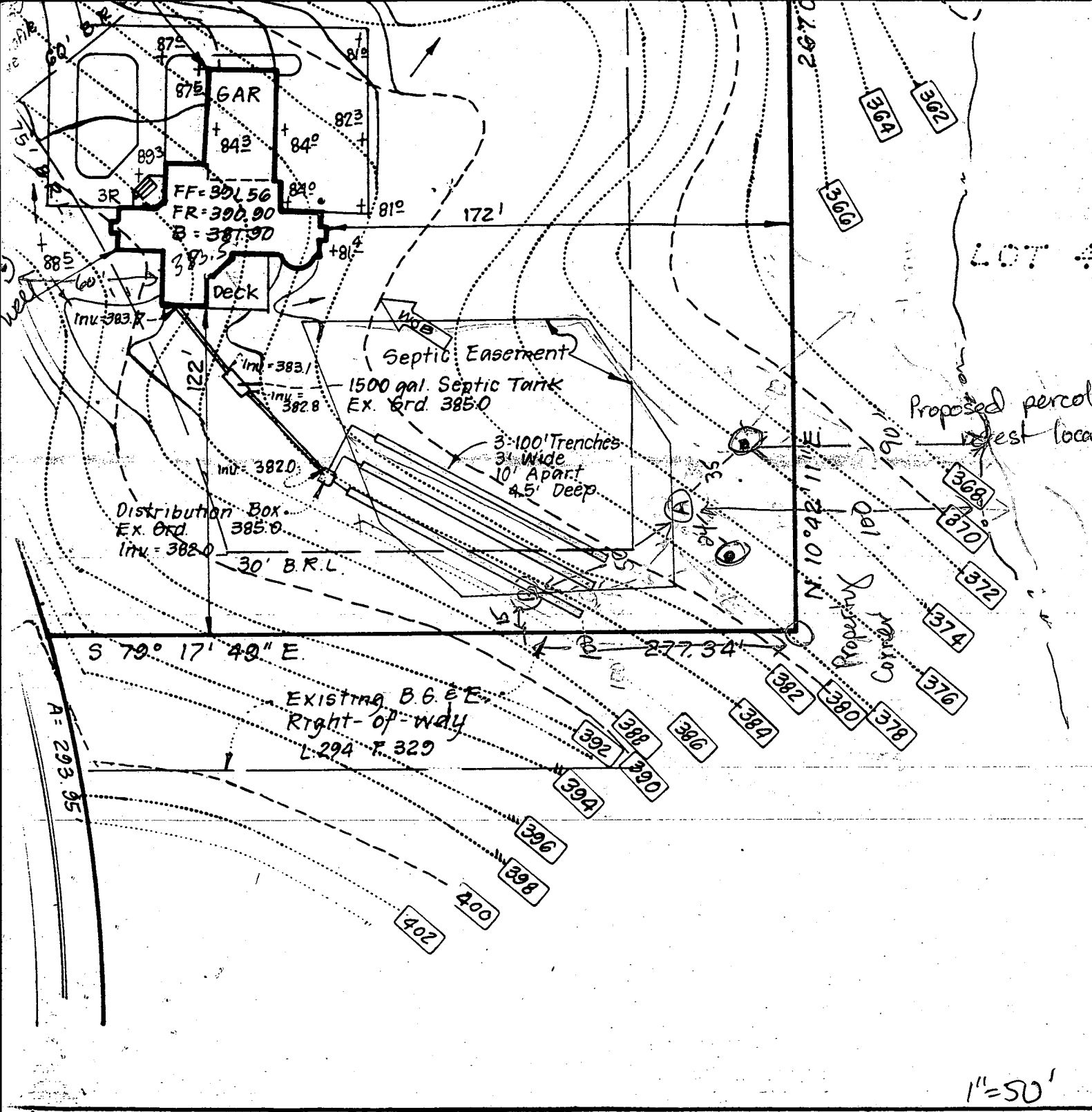
REJECTED BY B. Wilson FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

REASONS FOR REJECTION OR HOLDING rock / some surface (small outcrops)  
little no perc in most holes up to  
6 1/2' deep

## THIS IS NOT A PERMIT





7-11-  
 Lev. & ...

B.P.

Plat Reference: Plat No. 9012



**CLARK • FINEFROCK & SACKETT, INC**  
 ENGINEERS • PLANNERS • SURVEYORS

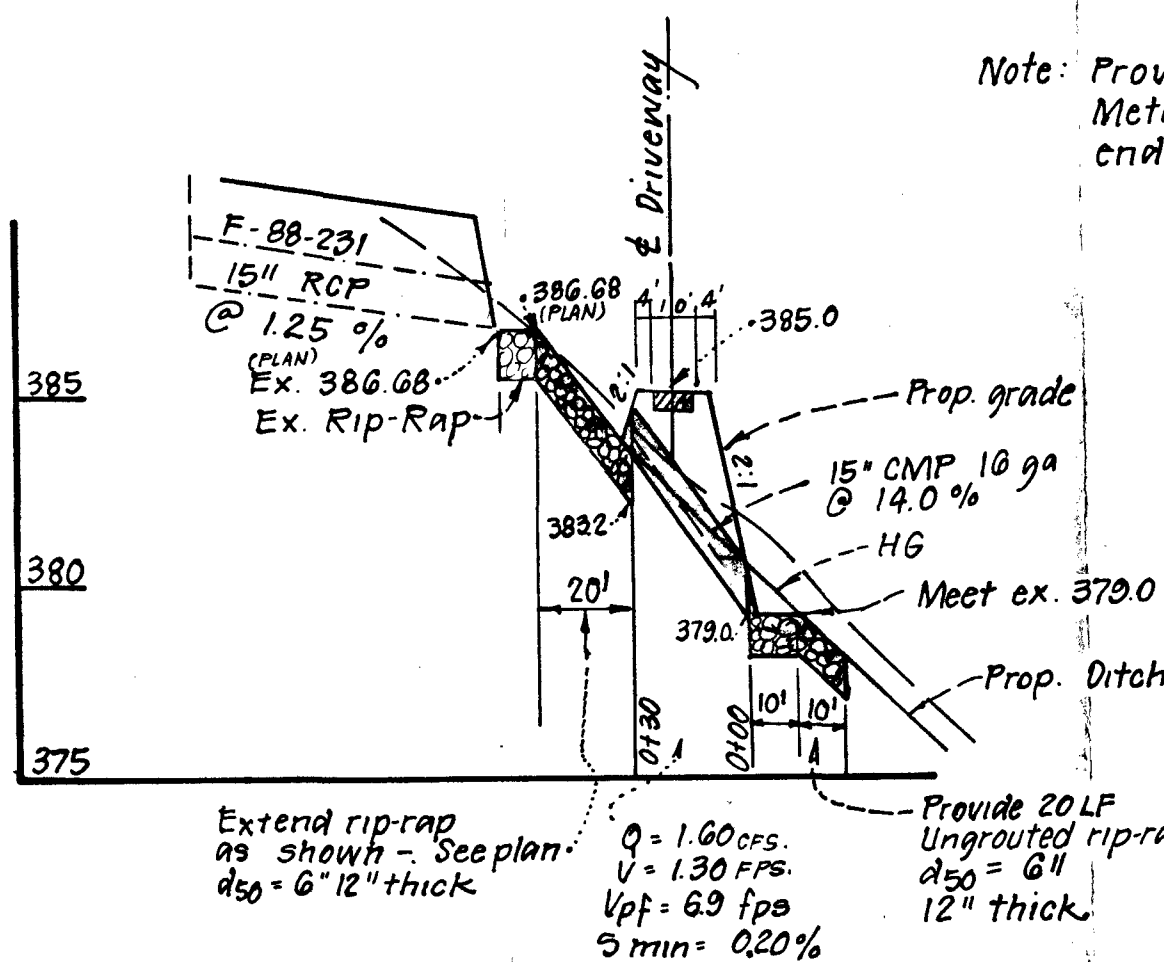
7135 MINSTREL WAY • COLUMBIA MD. 21045 • (301) 381-7200 -- BALTO. • (301) 381-7200

DESIGNED J.M.E.
DRAWN EG
CHECKED J.M.E.
DATE 6-28-90

SITE DEVELOPMENT PLAN  
 LOT 5  
**CHAPEL WOODS I**  
 5<sup>th</sup> ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

For: Dorsey Construction, Inc.  
 16347 Frederick Rd.  
 Woodbine, Maryland 21797

Note: Provide HoCo. Sta # 5.61  
Metal End Section, each  
end of culvert.



Extend rip-rap  
as shown - See plan  
d<sub>50</sub> = 6" 12" thick

Q = 1.00 cfs.  
V = 1.30 FPS.  
V<sub>pf</sub> = 6.9 fps  
S<sub>min</sub> = 0.20%

Provide 20 LF  
Ungrouted rip-rap  
d<sub>50</sub> = 6"  
12" thick.

**PROFILE**  
Scale: 1" = 50' Horiz.  
1" = 5' Vert.

PROPERTY OF  
PATRICK L. & LOUISE HINKSON  
L1885 #160


**LEGEND**

1. Contour Interval	2 ft
2. Existing Contour	410
3. Proposed Contour	410
4. Direction of drainage	→
5. Spot Elevation	+40.5
6. Walk-out basement	woe

7-11-90  
Jen & Beaton  
J.F.

B.P. # 32325  
J.F.

Plat Reference: Plat No. 9012

 <b>CLARK • FINEFROCK &amp; SACKETT, INC.</b> ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD 21045 • (301) 381-7200 - BALTO • (301) 621-8100 - WASH		
DESIGNED J.M.E.	<b>SITE DEVELOPMENT PLAN</b> <b>LOT 5</b> <b>CHAPEL WOODS II</b> 5 <sup>th</sup> ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 50'
DRAWN Gg		DRAWING 1 of 1
CHECKED J.M.E.		JOB NO. 90-097
DATE 6-28-90		For: Dorsey Construction, Inc. 16347 Frederick Rd. Woodbine, Maryland 21707

Topo was taken from Road Construction Plans  
prepared by Riemer Muegge & Assoc., Inc. F-88-231.

B 1 5608

SEQUENCE NO. (DP. USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

40-88-0923

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

please print or type

fill in this form completely

Date Received (APA)

061689

OWNER INFORMATION

T. M. TWC

5520 STEEPER PLACE

COLUMBIA MD 21044

B 3

LOCATION OF WELL

HOWARD

CHAPEL WOODS II

SECTION LOT 5

CLARKSVILLE

3 MILES FROM TOWN

DRILLER INFORMATION

Joseph L. MAURIE 238

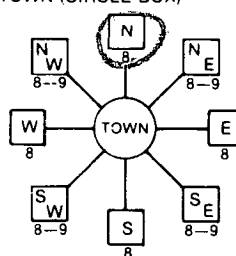
T. M. TWC WELL DRILLING

5512 RIDGE RD. Mt. Hiry 21771

Signature Date 6/19/89

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



CHAPEL WOODS DR.

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



100 DISTANCE FROM ROAD

ENTER FT or MI

B 2

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 A. 27502

STATE SIGNATURE INSERT S

DATE ISSUED 072189 CO SIGNATURE EXP. DATE 01-30-90

NORTH GRID 508000 EAST GRID 0820000

APPROXIMATE DEPTH OF WELL 300 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

REPLACEMENT OR DEEPEMED 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
This well will deepen an existing well

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER GAP

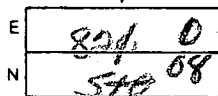
FORCE SA PERMIT NO. 40-88-0923

SPECIAL CONDITIONS

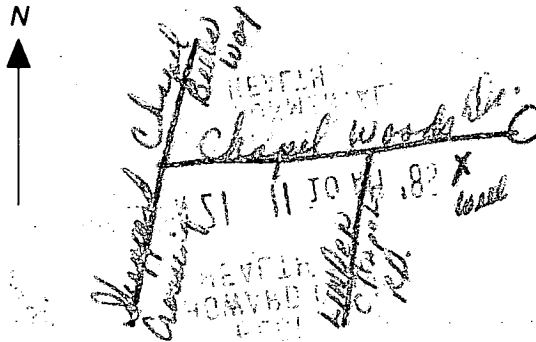
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE



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



Clarksville

C1 1057 SEQUENCE NO. (DENV USE ONLY)  
 1 2-3 6  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.  
 COUNTY NUMBER A-37502

ST/CO USE ONLY DATE Received [ ] [ ] [ ] [ ] [ ] [ ] DATE WELL COMPLETED 1/27/89 Depth of Well 365 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-88-0923

OWNER: JIM TAC last name: CHARL WOODS first name: TOWN: CHARLEVILLE SUBDIVISION: CHARL WOODS II SECTION: LOT: 5

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		Check if water bearing
	FROM	TO	
SAND	0	37	
Gray Mica Rock	37	363	

GROUTING RECORD  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) YES  NO   
 TYPE OF GROUTING MATERIAL CEMENT  BENTONITE CLAY   
 CEMENT  BENTONITE CLAY   
 NO. OF BAGS 12 NO. OF POUNDS 1128  
 GALLONS OF WATER 70  
 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 35 ft.

CASING RECORD  
 casing types insert appropriate code below  
 ST CO STEEL CONCRETE  
 PL OT PLASTIC OTHER  
 MAIN CASING TYPE C7 Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 42

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

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

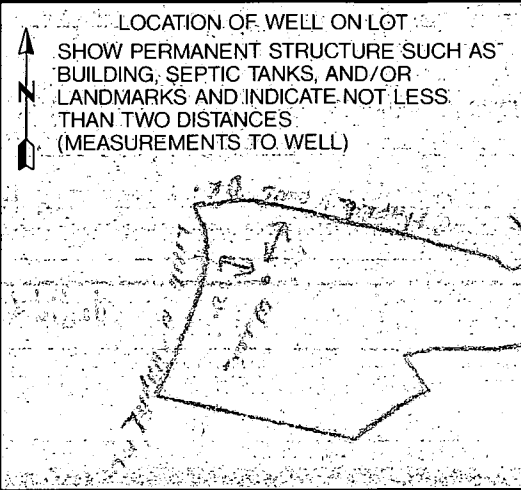
DEPTH (nearest ft.)  
 EACH SCREEN 1 110 40 365  
 2  
 3  
 SLOT SIZE 1 2 3  
 DIAMETER OF SCREEN (NEAREST INCH) from to

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

OEP 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) 9  
 PUMPING RATE (gal. per min. to nearest gal.) 48  
 METHOD USED TO MEASURE PUMPING RATE [ ]  
 WATER LEVEL (distance from land surface) BEFORE PUMPING 24 WHEN PUMPING 188  
 TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

PUMP INSTALLED  
 DRILLER WILL INSTALL PUMP YES  NO   
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE  
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:  
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER: PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) + above - below LAND SURFACE (nearest foot)



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 IDENT. NO. 238  
 DRILLERS SIGNATURE Joseph L. Maguire  
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)