

4/12/85

APPROVED
4/12/85
RH P 34684

PERMIT

SEWAGE DISPOSAL SYSTEM

A 32672

MARYLAND STATE DEPARTMENT OF HEALTH

ELLICOTT CITY

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

04-343182
INDEXED

DISTRICT 4th

DATE 12/18/84

William Hopkins IS PERMITTED TO INSTALL ALTER

ADDRESS 2724 Jennings Chapel Road, Woodbine, MD 21797 PHONE 489-4711

SUBDIVISION Mustafa Property ROAD 2640 Jennings Chapel LOT 12

PROPERTY OWNER Dr. Thomas & Mary Sloan

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

23
3
69
3 BEDROOMS
69
73
4
568

TRENCHES - 180 sq. ft. per bedroom. 220 sq. ft. per bedroom if gargage disposal. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe. LOCATION: Start first trench 160 feet from the right lot line and 265 feet from the front lot line as seen wehn facing the property from Jennings Chapel Road. Run trenches along level ground toward right rear corner of lot. NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Trenches to be installed on level ground. Call for inspection of trench before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY _____ DATE _____

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.
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 THREE 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.

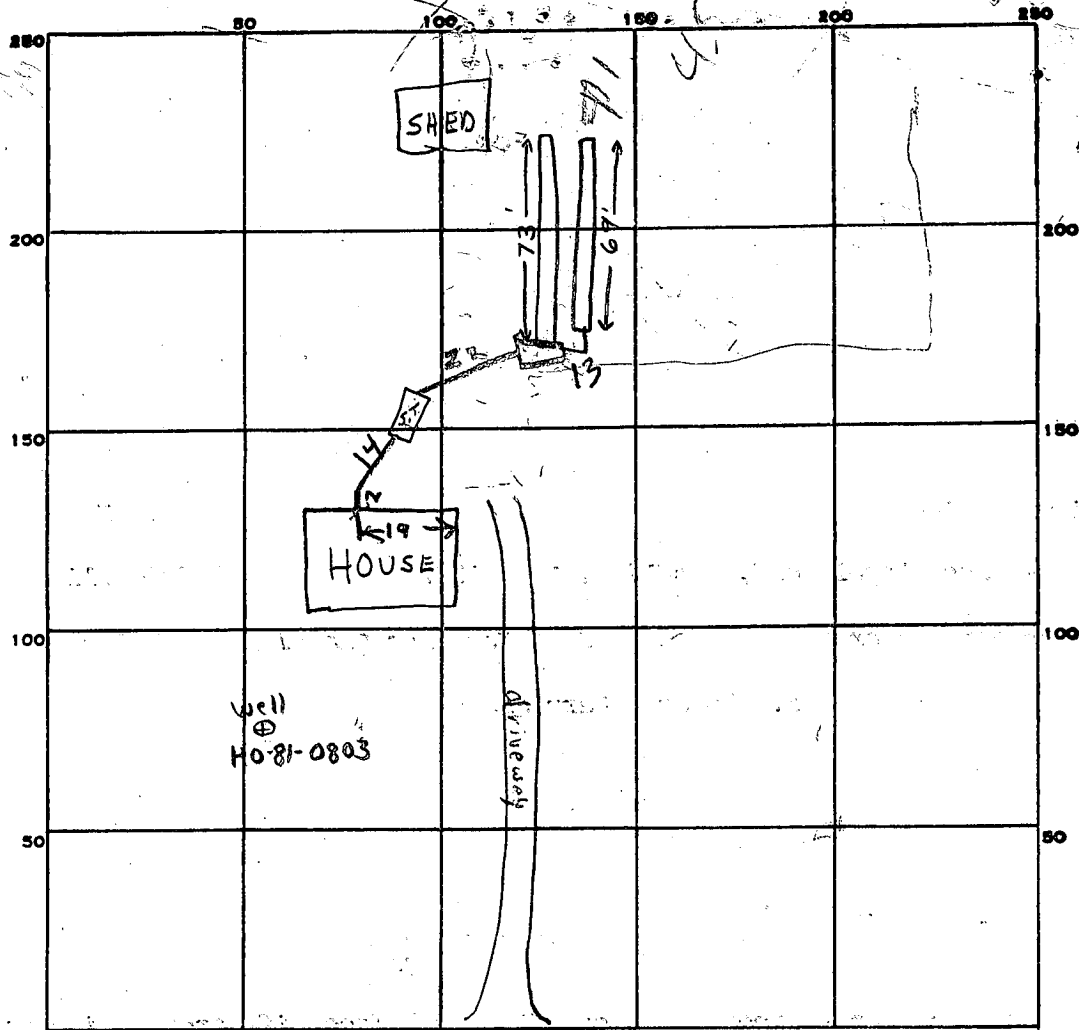
Garage 11-4-92.
BPT# 46022
app@revised location f.
DATE 9/21/84

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 32672



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Jennings Chapel Rd

PERMIT CARD signed

ST

SEPTIC TANK, LEVEL ✓

CLEANOUTS OK

DISTRIBUTION BOX, LEVEL OK

TILE FIELD, DEPTH 8 1/2 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 4.5 FT. TOTAL LENGTH 142 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL TOTAL BOTTOM AREA 639

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 4/12/85 OK to continue F.S.

4/12/85 - 540 SQ FT REQUIRED 639
INSTALLED RH ST

DATE SYSTEM APPROVED

4/12/85

INSPECTOR

Raymond G. Hodge

APPLICATION

Prud

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 32672

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 4th

DATE April 21, 1983

9:30 May 2

81-0125

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 Neshe Mustafa

ADDRESS 6336 Bright Plume PHONE 997-2714

PROPERTY LOCATION:

SUBDIVISION Warfield Property Lot 6 (re-subdiv.) LOT NO. 12

ROAD AND DESCRIPTION 2690 Jennings Chapel Road

SIZE OF LOT 7.656 acres TYPE BLDG. S.F.D. 304 B.R.
(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. Neshe Mustafa
(SIGNATURE OF APPLICANT)

APPROVED BY C. Williams FOR PENDING PLAT DATE 5-2-83

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS HOLD FOR SUBDIVISION PLAT DATE 5-3-83

REASONS FOR REJECTION OR HOLDING _____

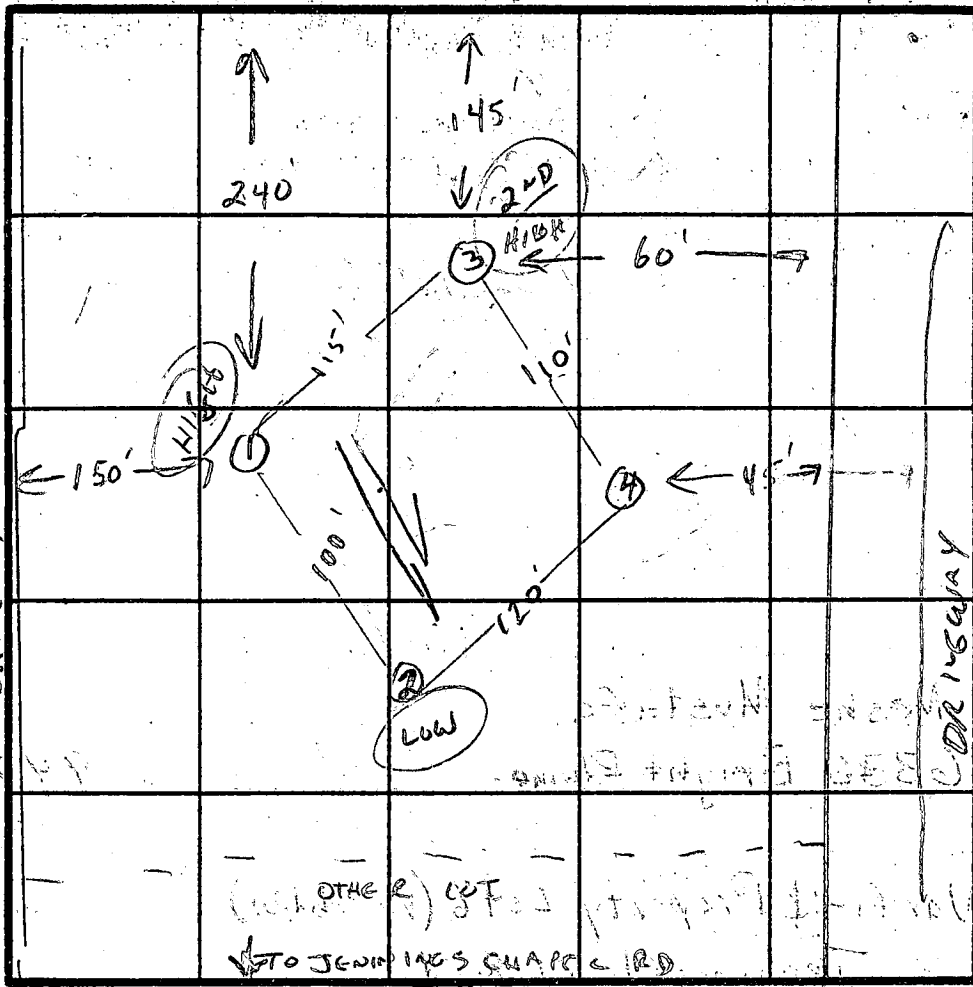
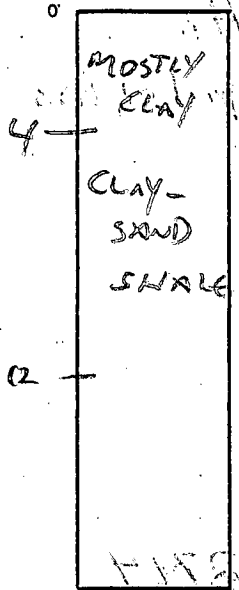
BLDG. PERMIT SIGNED
AND RETURNED 12/24/84
Serial 42179 House Bldg

THIS IS NOT A PERMIT

PROP LING

ALL HOLES

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

HOLE 1 - WEST

HOLE 3 - 2ND BGN

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-2-83	1	4	10:04	10:07	10:07	10:12	5 MIN
		9	10:04	10:16	10:16	10:37	21 MIN
		13	OK	SAND-SHALE			
5-2-83	2	4	10:06	10:15	10:15	10:30	15 MIN
		9	10:08	10:14	10:14	10:22	8 MIN
		12					
5-2-83	3	4	10:24	10:32	10:32	10:44	12 MIN
		9	10:24	10:27	10:27	10:33	6 MIN
		12					
5-2-83	4	4	10:17	10:19	10:19	10:23	4 MIN
		9	10:17	10:32	10:32	10:50	18 MIN
		12					

12 MIN AUG.

REMARKS ALL OK

TYPE OF SOIL CLAY-SAND-SHALE

TESTED BY C. Williams ALSO PRESENT HERMAN SIRK

EH-12-1079

APPLICATION

Per.

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 32672

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 4th

DATE April 21, 1983

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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(NUMBER OF BEDROOMS)

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Neshe Mustafa
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

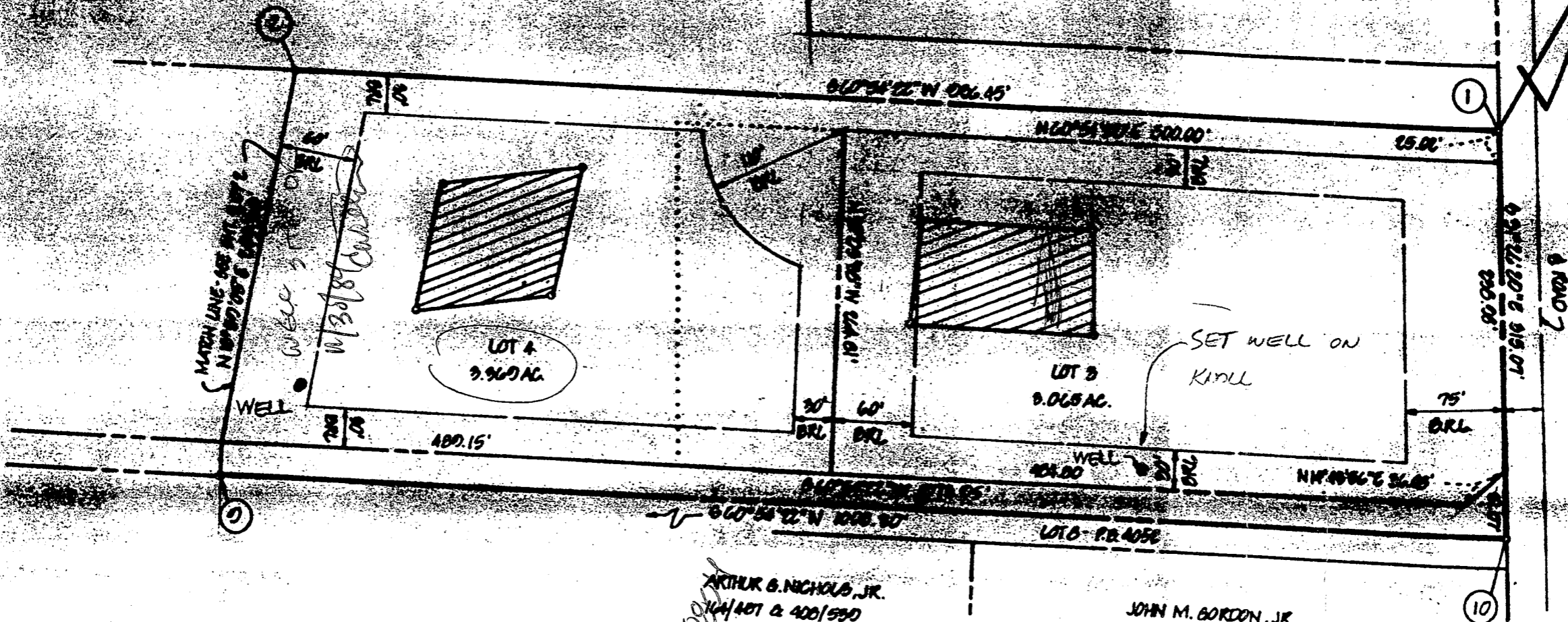
THIS IS NOT A PERMIT

Mustasa Prop -
 LOT 10
 P.D. 5006

NOTE:

WELL LOCATIONS ARE APPROXIMATE, BASED ON
 FIELD INSPECTION OF SITE AND WERE

LOT 11
 P.D. 5006 LOCATED WITHOUT
 LOT LINES BEING STAKED



JENNING CHAPEL ROAD
 EX. 60' R/W

ARTHUR G. NICHOLS, JR.
 104/407 & 400/590

JOHN M. GORDON, JR.
 247/507

ULATIONS

C1 3050

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

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

COUNTY NUMBER A32672

DATE Received

DATE WELL COMPLETED 12/10/84

Depth of Well 165 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-0804

OWNER FREEZE E. JENNINGS CHAPEL RD first name TOWN FLORENCE SUBDIVISION MUSTAFA PROPERTY SECTION LOT 12

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows: Brown Shale (0-62), Blue Rock (62-165).

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 10 NO. OF POUNDS 940

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 10 METHOD USED TO MEASURE PUMPING RATE bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 40 WHEN PUMPING 40 TYPE OF PUMP USED (for test) S submersible

CASING RECORD

MAIN CASING TYPE S+ Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 67

OTHER CASING (if used)

Table for OTHER CASING with columns: diameter inch, depth (feet) from, to.

SCREEN RECORD

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

C 2

Table for SCREEN RECORD with columns: DEPTH (nearest ft.) and rows for screen sections 1-3.

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) 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 10.17.13 "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.

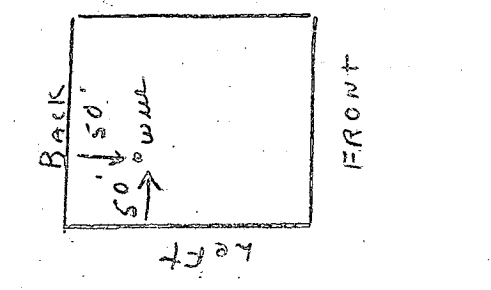
DRILLERS IDENT. NO. 238 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

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.) WQ OTHER DATA

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



B 1 **5238** SEQUENCE NO. (OEP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

OEP PERMIT NUMBER
40-81-0804
 fill in this form completely

Date Received **11/15/84**
OWNER INFORMATION
 Last Name: **FREREZE** Owner First Name: **E**
 Street or RFD: **2698 JENNINGS CHAPEL**
 Town: **UOOLLINE** State: **MD** Zip: **21797**

B 3 LOCATION OF WELL
 COUNTY: **HOWARD**
 SUBDIVISION: **MUSLASH PROPERTY**
 SECTION: **44** LOT: **512**
 NEAREST TOWN: **FLORENCE**
 MILES FROM TOWN: **1 3/4** MI

DRILLER INFORMATION
 Driller's Name: **Joseph L. Wayne** License No. **238**
 Firm Name: **Joseph L. Wayne**
 Address: **5512 Ridge Rd. Mt. Airy, Md.**
 Signature: **Joseph L. Wayne** Date: **11/15/84**

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 NEAR WHAT ROAD: **Jennings Chapel Rd.**
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): **WEST**
 DISTANCE FROM ROAD: **925** FT or MI **97**

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
 COUNTY NAME: **HOWARD** COUNTY NO. **A 32672**
 OEP SIGNATURE: _____ STATE HEALTH INSERT S _____
 DATE ISSUED: **113084** CO SIGNATURE: **C. Williams** EXP. DATE: **5/30/85**
 NORTH GRID: **532000** EAST GRID: **077000**

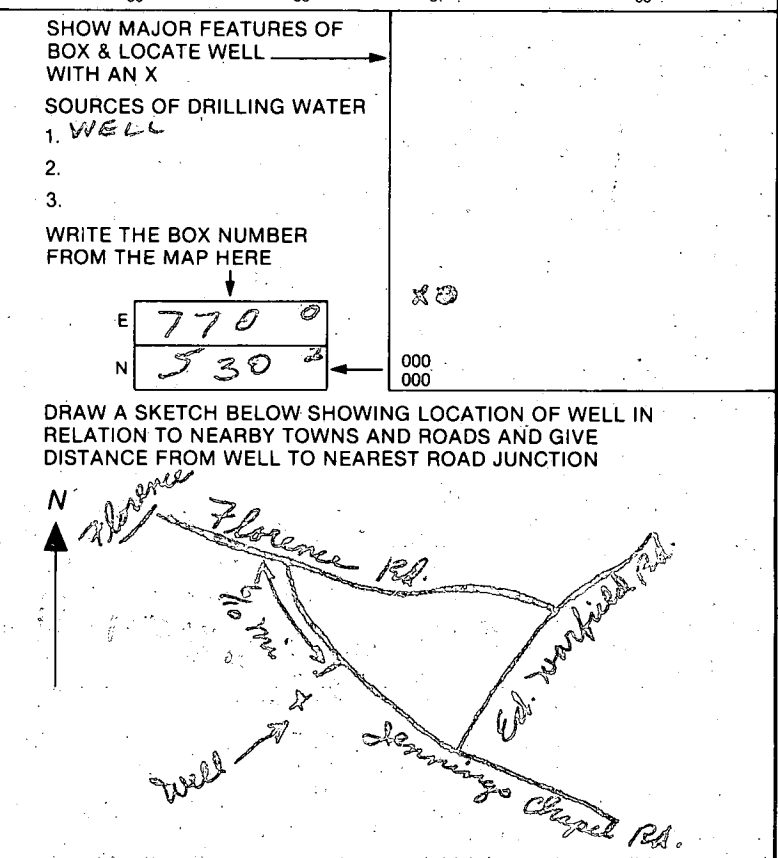
APPROXIMATE DEPTH OF WELL: **200** FEET

APPROXIMATE DIAMETER OF WELL: **6** NEAREST INCH

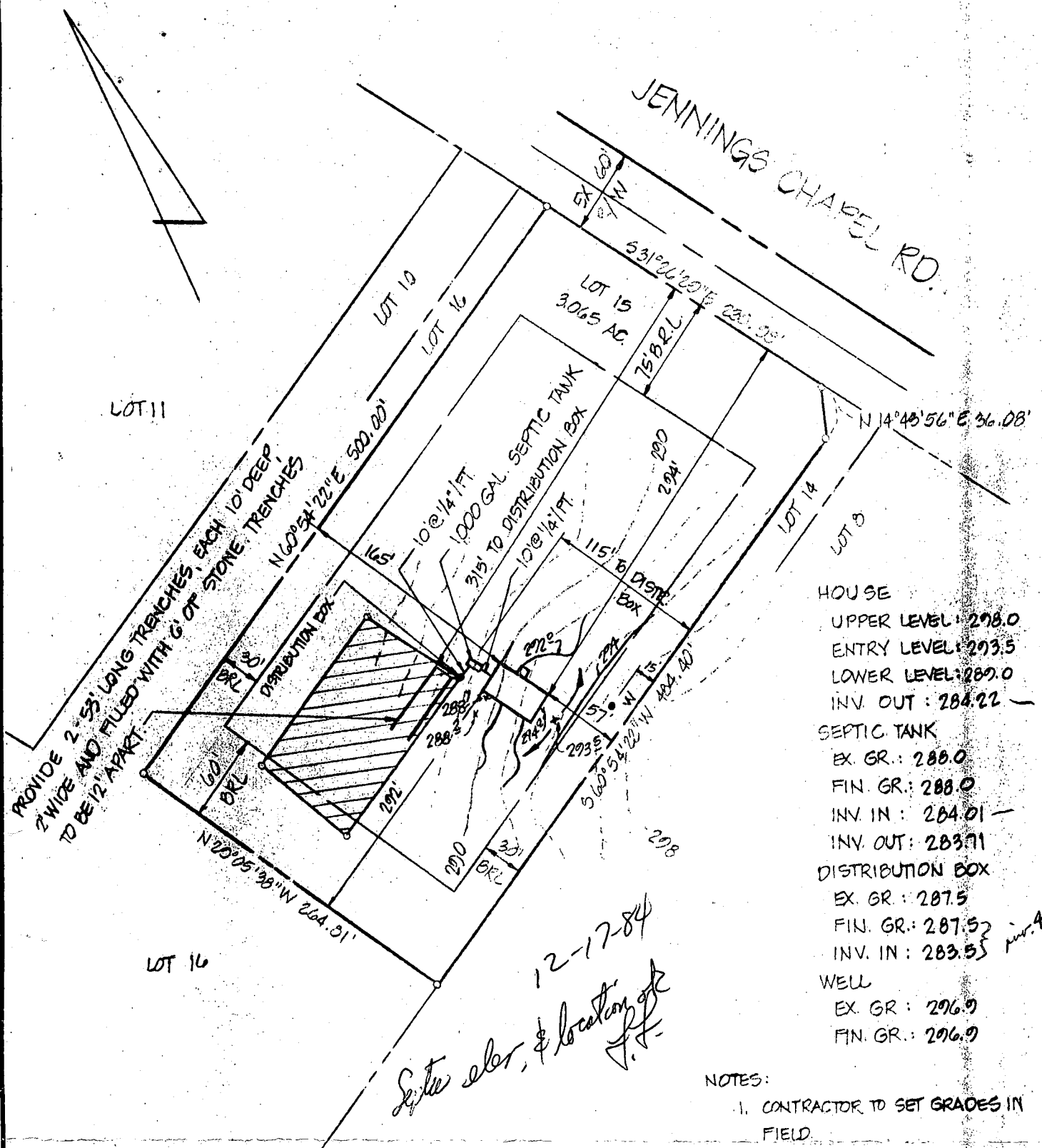
METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
 CABLE REVERSE-ROTARY DRIVE-POINT
 other _____

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
 THIS WELL WILL DEEPEIN AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE): _____

Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER: _____ GAP _____
 FORCE **CW** INITIALS IN BOX PERMIT No. **40-81-0804**



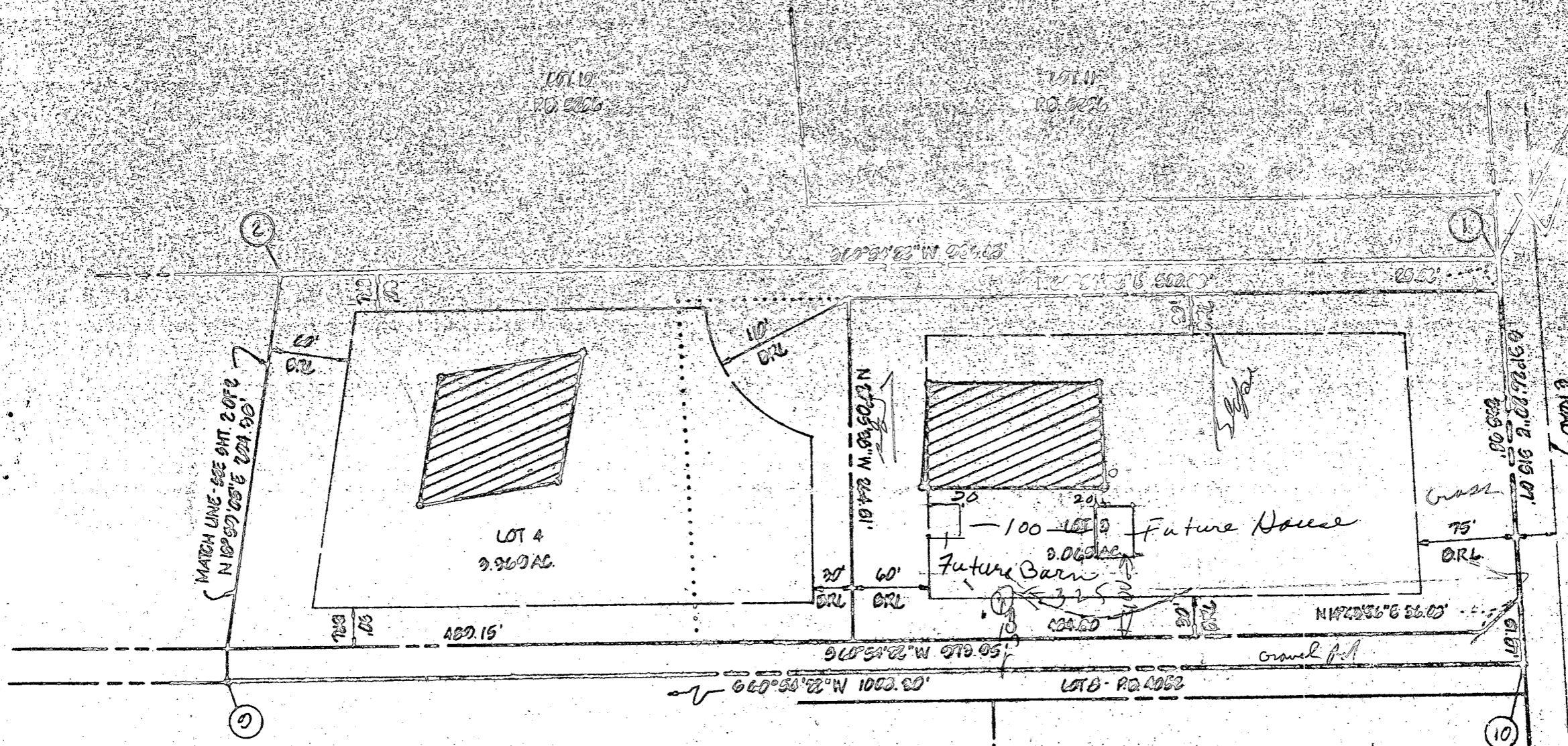
SPECIAL CONDITIONS



TITLE GRADING STUDY				
PROJECT MUSTAFA PROPERTY				
LOCATION 4TH ELECTION DISTRICT, HOWARD CO., MD.				
FIELD BOOK 57	PAGE NO. 30-33	DRAWN BY: D.P.	CHECKED BY	DATE: NOV., 1984
SCALE: 1" = 100'			JOB NO.: 840271	

THE INFORMATION ON THIS PLAT SHOWS ONLY THAT THE IMPROVEMENTS INDICATED HEREON ARE CONTAINED WITHIN THE CONFINES OF THE LOT UPON WHICH THEY ARE ERECTED. THIS PLAT IS NOT TO BE CONSTRUED AS, OR USED FOR THE ESTABLISHMENT OF PROPERTY LINES.

boender associates
inc.
consulting engineers
land surveyors
land planners
COURT HOUSE SQUARE • ELLICOTT CITY, MD. 21043
(301) 465-7777



JENNINGS CHAPEL ROAD
 ex 60' R/W

ROAD 2

ARTHUR G. NICHOLS, JR.
 164/457 & 402/522

JOHN M. GORDON, JR.
 207/521

56

12/24/84 No Problem

OK To sign
 R. Fodges

130
 24/6
 5/5
 26/0
 2/0

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

Box 476

ELlicott City MD. 21043

PUMP INSTALLATION

THE FOLLOWING STATEMENT MUST BE COMPLETED BY THE HOME OWNER
WHEN A PUMP IS INSTALLED BY A PERSON OTHER THAN THE WELL
DRILLER:

My well driller is not to install the pump for my water well, and I
hereby certify that it will be my responsibility to have a Pump Permit
taken out by a registered master plumber or certified pump installer.
It will be my responsibility to notify the Health Department before
and during the installation so that inspections can be made by their
representative. (Pursuant to Chapter XVII, of the Plumbing Code of
Howard County.)

E. Drury
(Name)

2698 Jennings Chapel Rd.
(Address)

HO-81-0804
Woodbine MD, 21797
(OEP Well Permit Number)

301-854-6059

11-7-84
(Date)

Lot 4 12
Mustasa Property