

PERMIT

approved 7-19-82

P 32015

A 24635

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

01-319028

ELLICOTT CITY

DISTRICT 4th

DATE 7/8/82

7/16/82
Permit # 58305
INDEX

Arnold Septic Tank Service

IS PERMITTED TO INSTALL ALTER

ADDRESS Jacobs Road, Mt. Airy, Maryland 21771

PHONE 795-7873

SUBDIVISION Middle Trail

ROAD 16543 Old Frederick Road LOT 5-D

PROPERTY OWNER William Jeffrey Spaulding

ADDRESS 10572-C-1 Twin Rivers Road, Columbia, Md. 21044

Phone: 997-5808

SPECIFICATIONS 3 bedrooms (No Garbage Disposal according to Mr. Spaulding)

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

INLET PIPE _____ FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH _____ FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA _____ FT. FROM _____ LOT LINE AND _____ FT. FROM _____ LOT LINE AS SEEN WHEN

FACING LOT FROM

TRENCHES - Trenches to be 2 ft. wide. Inlet to be 4 ft. below original grade and effective absorbent area from 4 ft. to 8 ft. only. Maximum depth of

trenches to be 8 ft. below original grade. A minimum of 175 sq. ft. effective absorbent sidewall area per bedroom needed. Trenches cannot exceed 100 ft. in length.

Distribution box to be used if more than 1 trench used. Two inspections of trenches required - before and after stone installed. If more than 1 trench used - need to

have 1 ft. distance between trenches, center to center. Run trenches on contour and staying at least 75 ft. ~~xxx~~ from any water well. Start trenches at a point 75 ft. in

from 291.50 ft. lot line and 155 ft. down from corner point of lines N05 19'24"E and

PLANS APPROVED BY Charles B. Streaker DATE 1/21/81

S80 11'42"E along line N05 19'24"E and 291 ft. in length.

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 PLACING GRAVEL IN TRENCH. *OLD PERMIT*

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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 ACCEPTED.

AND RETURNED 5-27-98
Serial # B17111978
exterior alterations

BUILDING PERMIT SIGNED RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

AND RETURNED

4-7-03 00140989-DETACHED GARAGE

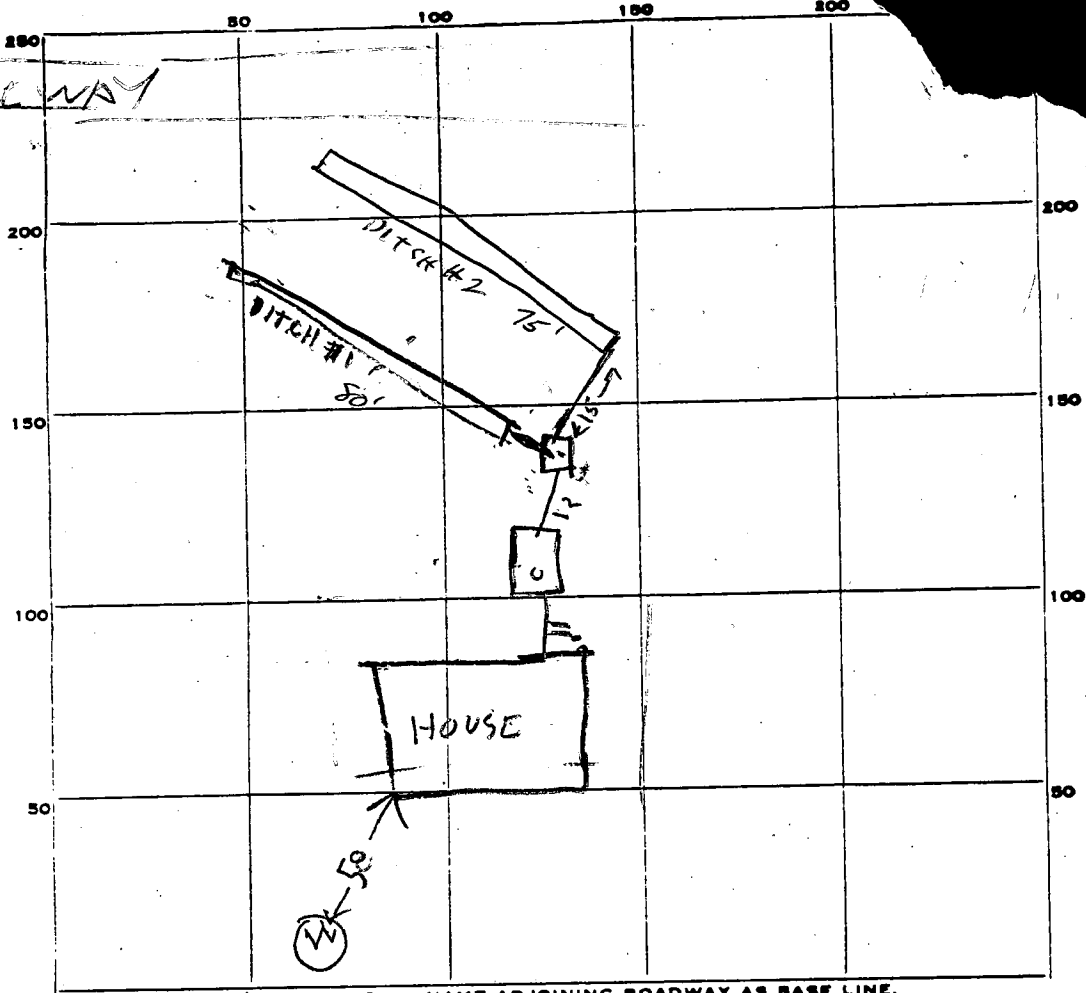
BLDG. PERMIT SIGNED

AND RETURNED 4/2/84

Serial # 58305
garage

A 24635

DRIVEWAY



PERMIT CARD

SEPTIC TANK, LEVEL OK 1000 TOP LEFT BOG CLEANOUTS ST

DISTRIBUTION BOX, LEVEL

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

GRAVEL DEPTH #1 4 IN. TOTAL LENGTH #1 80 #2 75 FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 620

155
4
620

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET 4 FT.

ABSORBENT AREA 620 SQ. FT.

REMARKS 7/16/82 2:30PM DITCH #1 DUG INLET TO BE 4 FT BOG
ADD STONE TO DITCH #1, DIG DITCH #2, CONNECT TANK
TO HOUSE & CALL RH

7/19/82 #2 TRENCH OK. OK TO ADD GRAVEL. OK TO COVER WORK

PRECEDING 2ND TRENCH. CALL TO INSPECT GRAVEL IN

7/19/82 OK TO COVER ALL WORK 3PM

DATE SYSTEM APPROVED 7-19-82

INSPECTOR CW

BUILDING PERMIT SIGNED AND RETURNED

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 24635

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 4th

DATE _____

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 HOWARD ASSOC. William Jeffrey Spaulding

ADDRESS 10572 C-1 Twin Rivers Rd / OLD FREDERICK RD Columbia PHONE 930-7733 / 997-5808

PROPERTY LOCATION: RETEST
SUBDIVISION Middle Trail LOT NO. 5D

ROAD AND DESCRIPTION 16543 OLD FREDERICK ROAD

SIZE OF LOT _____ 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.

BLDG. PERMIT SIGNED
AND RETURNED B.P.# 49193
for S.F.D. signed 4/20/82

SIGNATURE OF APPLICANT /s/ JOEL ABRAMSON

APPROVED BY C.B. Streaker FOR { Shallow trenches } DATE 1/21/81
{ Field check PM 1/20/81 } FOR only

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS EVALUATION BY SUPERVISOR DATE 11/23/79
C.B. STREAKER

REASONS FOR REJECTION OR HOLDING 11/23/79 RETEST SEE BACK

P.M. 1/20/81 Mr. Reves in discussed C.B.S. lot with Mr. Skinner and C.B.D.
1/20/81 Hold lot - tentatively approved; however must show all holes, house site, well site and adjacent lots per C.B.D.

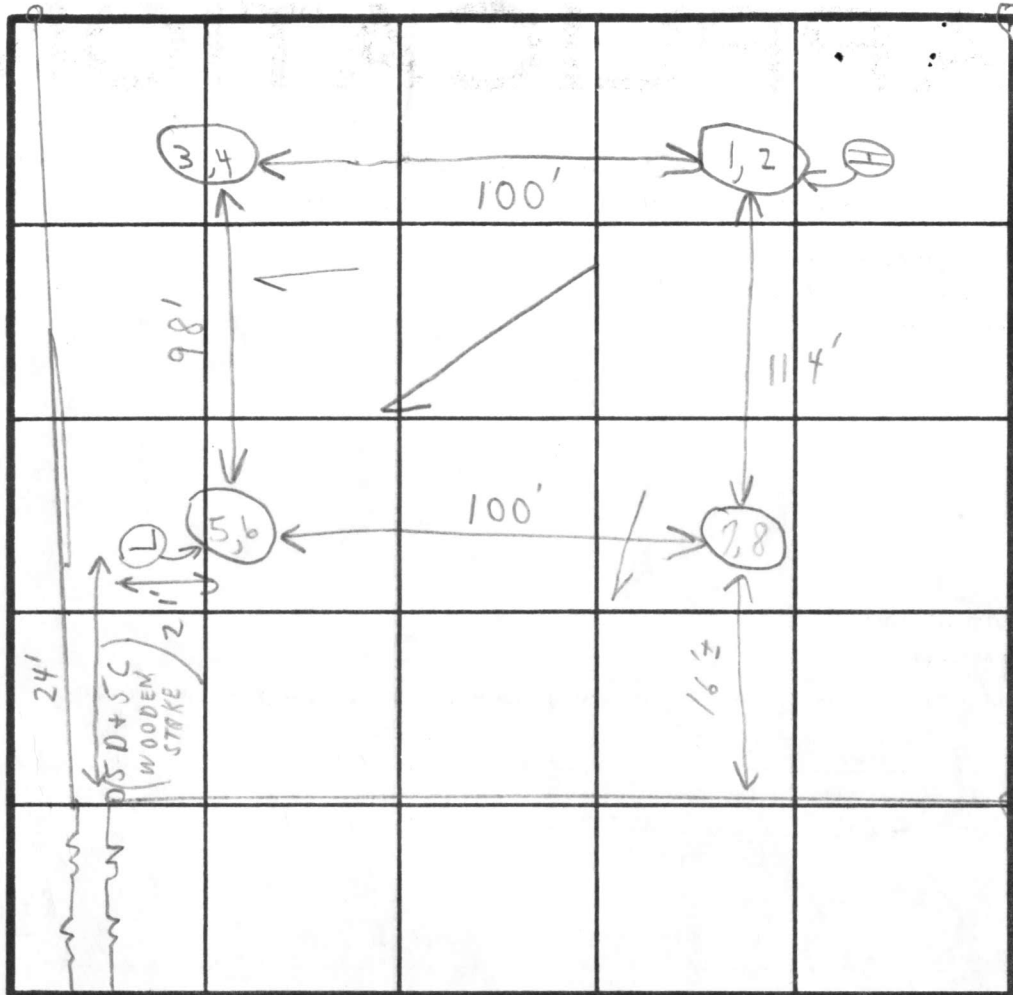
THIS IS NOT A PERMIT

area, well site and house site. C.B.D. & F.D.

RETEST
SD

SOIL PROFILE

BELOW
CLAY
SEE
EACH
HOLE



Field sheet

Tests
per
stake

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

OLD FREDERICK RD

Soil Profile	DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
				START	STOP	START	STOP	
1' - 4" CLAY	11/23/77	1	4'	10:06	10:10	10:10	10:14	4 in
(4' - 12 1/2" LOAM + WEATHERED SHALE)		(H) 2	12 1/2'	10:06	10:24	10:24	10:54	29 in
1' - 4" CLAY		3	4'	10:10	10:12	10:12	10:19	7 in
(4' - 12" LOAM + WEATHERED SHALE)		4	12'	10:09	10:12	10:12	10:15	3 in
1' - 4" CLAY		5	4'	10:28	10:31	10:31	10:36	5 in
(4' - 12" WEATHERED SHALE)		6	12'	10:28	10:30	10:30	10:36	6 in
1' - 3 1/2" CLAY		7	3 1/2'	10:44	10:47	10:47	10:53	6 in
(3 1/2" - 12 1/2" LOAM + WEATHERED SHALE)		8	12 1/2'	10:44	10:46	10:46	10:54	8 in
								8 1/8 in

333 (6 in)
Hardpan
in bottom

35

9 in
8 1/8 in

REMARKS Tests in open field (GAVE COPY TO SKIP)

TYPE OF SOIL (1) BRITTINGHAM'S MEN SKIP + ASST.

TESTED BY C. B. S. ALSO PRESENT

APPLICATION

A 24635

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DISTRICT 4th

DATE 11/10/76

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 Howard Associates

ADDRESS Old Frederick Road PHONE Joel Abramson 730-7733

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 50

ROAD AND DESCRIPTION Old Frederick Road

SIZE OF LOT 1.263 acres TYPE BLDG. 3 or 4
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Joel Abramson

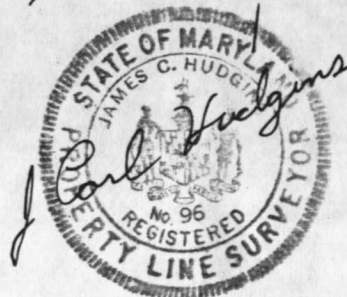
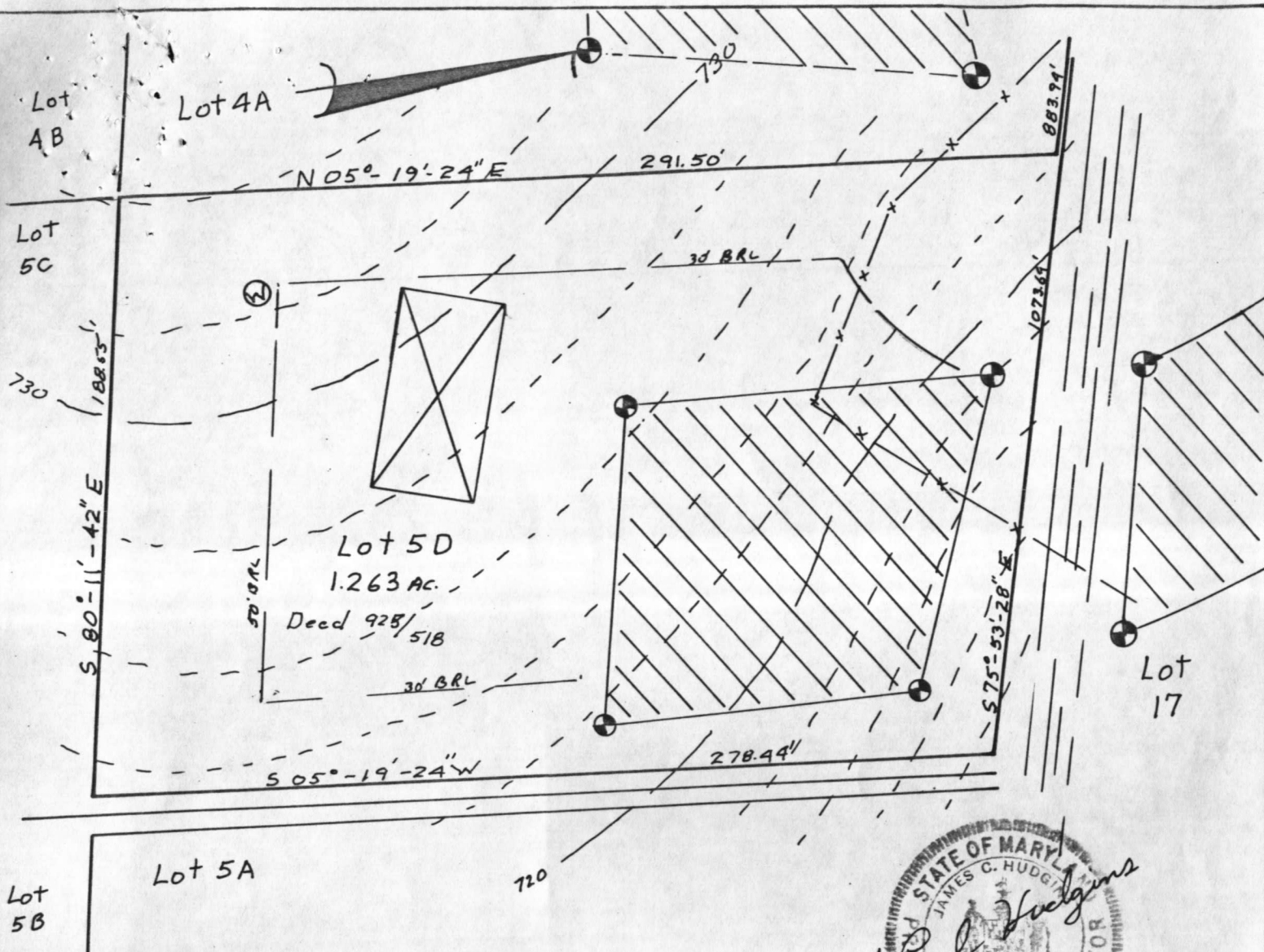
APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)


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

HOLD PENDING FURTHER TESTS at fail as in Fr. Scheme DATE 7/13/76

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



 This area designates a private sewage easement of 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.

Percolation test holes shown hereon have been field located and shown as "⊕".

The lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.

Percolation areas and water wells for adjoining lots have been shown where pertinent.

PERCOLATION TEST PLAT
Property of
Howard Associates
LOT 5D
Lisbon Middle Trail
4th Election District
Howard County, Maryland
Scale 1"=50'
Date 1-19-81

APPROVED: For Private Water and Private Sewage Systems
James M. Boyles
County Health Officer
Date 1-21-81

NTT Associates
Suite 307, Clark Bldg.
Columbia, MD 21044
321-0307

C 1 3130

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 A 24635

Date Received (OEP use only)

DATE WELL COMPLETED 3/20/87

Depth of Well 184 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-73-4137

OWNER Spaulding William Jeffrey last name first name STREET OR RFD Old Fredrick Road TOWN Poplar Springs SUBDIVISION Middle Trail SECTION LOT 50

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes entries for Brown Shale and Blue Rock.

GROUTING RECORD form: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 8, NO. OF POUNDS 752, DEPTH OF GROUT SEAL 32 ft.

CASING RECORD form: casing types insert appropriate code below (ST for steel), MAIN CASING TYPE (ST), Nominal diameter 6 inch, Total depth of main casing 35 feet.

OTHER CASING (if used) form: diameter inch, depth (feet) from to.

SCREEN RECORD form: screen type or open hole insert appropriate code below (ST for steel, BR for brass, HO for open hole, PL for plastic, OT for other).

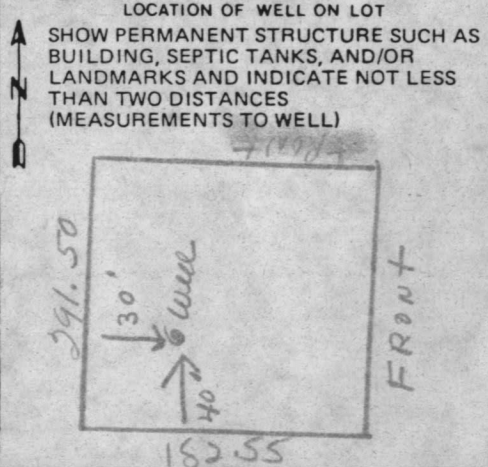
DEPTH (nearest ft.) 184, EACH SCREEN 1 (40) 33, 2, 3, SLOT SIZE 1 2 3, DIAMETER OF SCREEN (NEAREST INCH) from to, GRAVEL PACK.

IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX (F)

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.), W Q 74 75 76, TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST form: C 3 (seq no), HOURS PUMPED 3, PUMPING RATE 10 gal. per min., METHOD USED TO MEASURE PUMPING RATE submersible, WATER LEVEL (distance from land surface) BEFORE PUMPING 41, WHEN PUMPING 43, TYPE OF PUMP USED (for test) submersible (S).

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

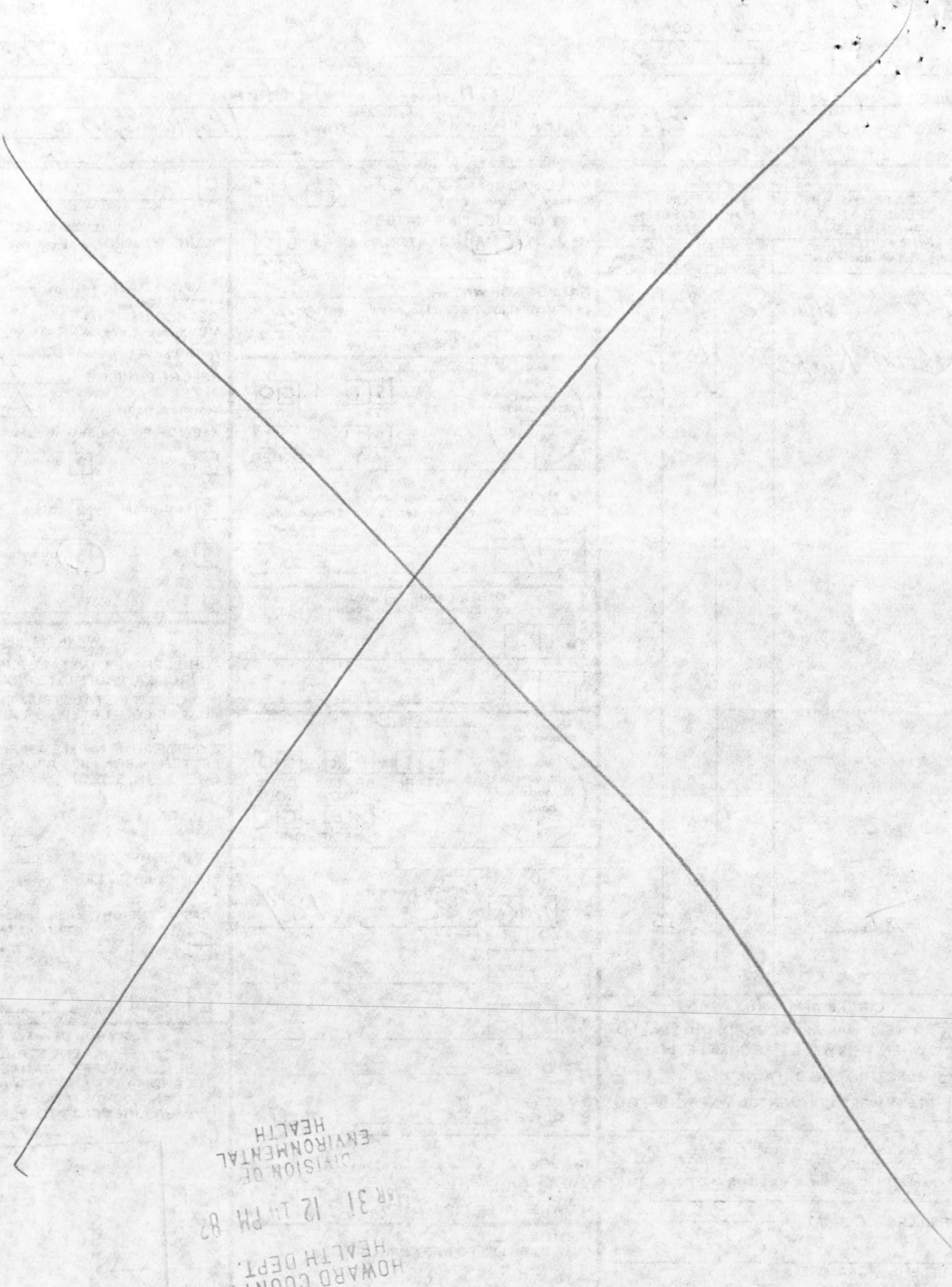


- CIRCLE APPROPRIATE BOX
[A] A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
[E] ELECTRIC LOG OBTAINED
[P] TEST WELL CONVERTED TO PRODUCTION WELL

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 Joseph L. Marpe (MUST MATCH SIGNATURE ON APPLICATION)

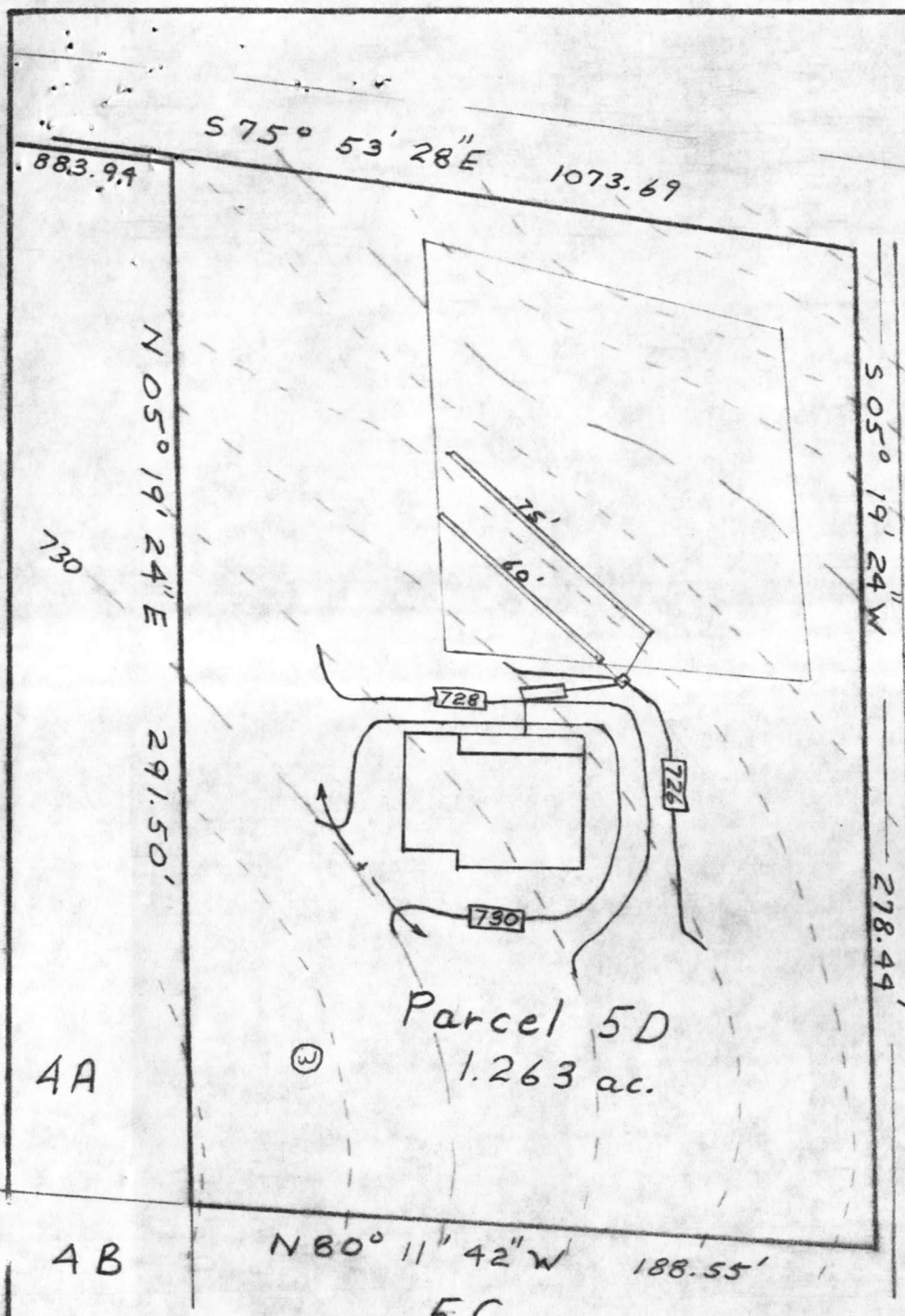
SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)



DIVISION OF ENVIRONMENTAL HEALTH

APR 31 12 11 PM '82

RECEIVED HOWARD COUNTY HEALTH DEPT.



HOUSE:
 FIRST FLOOR ELEV. 732.00
 BASEMENT ELEV. 723.00
 INVERT @ HOUSE 721.21

SEPTIC TANK:
 EXISTING GRADE 726.0
 PROPOSED GRADE 727.5
 INVERT IN 721.01
 INVERT OUT 720.76

DISTRIBUTION BOX:
 EXISTING GRADE 724.6
 PROPOSED GRADE 726.0
 INVERT 720.60

TRENCHES:

	INVERT	LENTH	DEPTH
#1	720.40	60'	4' to 8'
#2	719.50	75'	4' to 8'

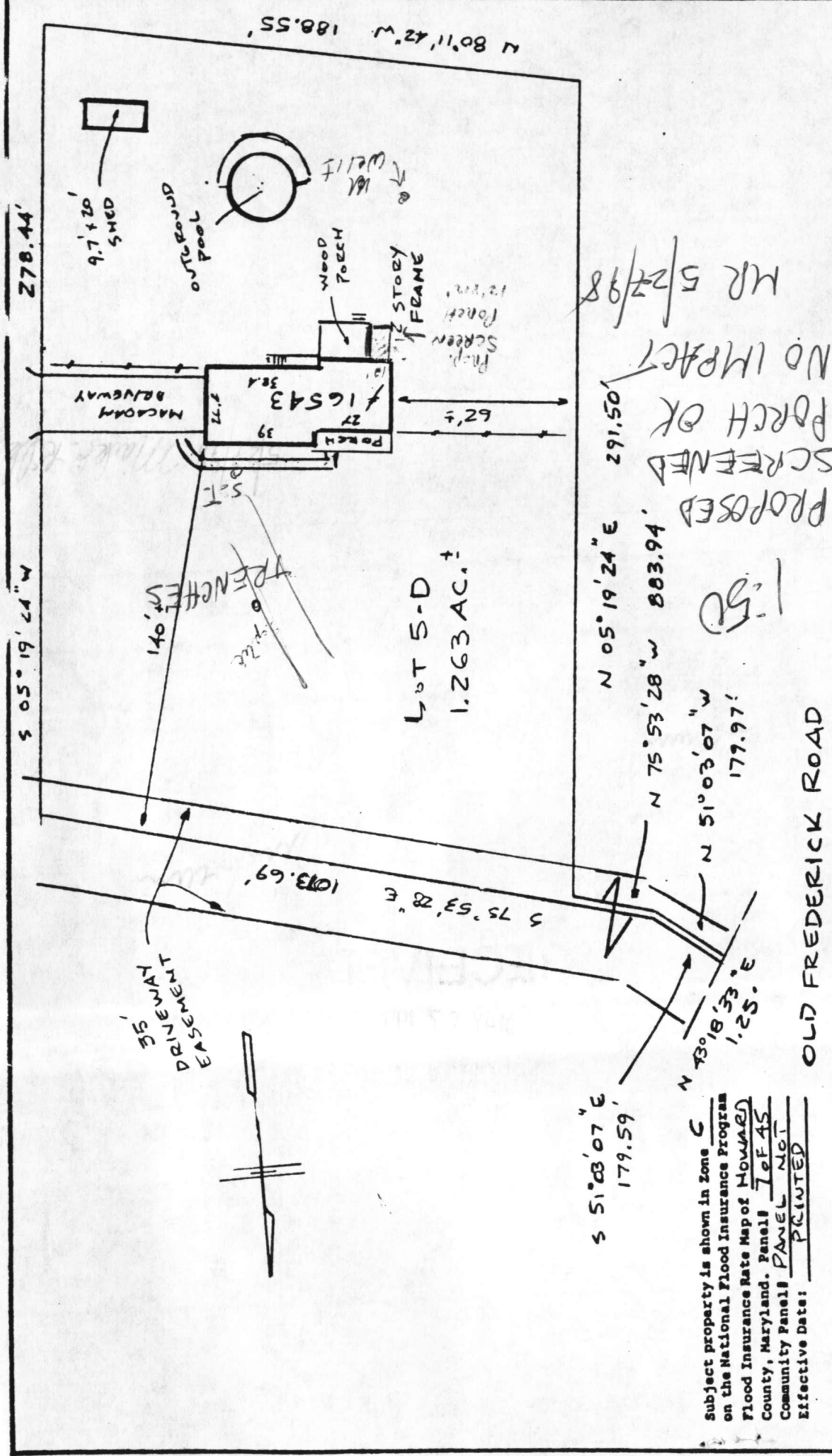
4/20/82
 sketch O.K.
 J.S.

I certify the above measurements and elevations are true and actual for this property.

J. Carl Hudgins
 J. Carl Hudgins

GRADING STUDY PARCEL 5D
 MIDDLE TRAIL, LISBON MD
 4th Election District
 Howard County Maryland
 Scale 1"=50'
 Date 3/5/82

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
APR 20 9 59 AM '82
DIVISION OF
ENVIRONMENTAL
HEALTH



Subject property is shown in Zone C
 on the National Flood Insurance Program
 Flood Insurance Rate Map of HOWARD
 County, Maryland. Panel 7 of 45
 Community Panel PANEL NOT
 Effective Date: PRINTED

This is to certify that I have surveyed the property
 known as **LOT 5D**
16543 OLD FEDERICK ROAD
 sheet of recorded **1039/570** among the
 Land Records of **HOWARD** County, Maryland for the
 purpose of locating the improvements thereon.

THIS PLAT SHOWS ONLY THAT THE IMPROVEMENTS ARE
 CONTAINED WITHIN THE OUTLINES OF THE LOT AND IS
 NOT TO BE USED TO ESTABLISH PROPERTY LINES.



J. Carl Hudgins PLS#96

LOCATION SURVEY

16543 OLD FEDERICK ROAD

HOWARD COUNTY, MD.

NTI ASSOCIATES, INC.	Scale 1" = 50'
16205 Old Frederick Road	Date MARCH 28, 1994
Mt. Airy, Maryland 21771	Field By /L/
Phone 442-2031	Drawn By /L/
	Drawing # EC 3004

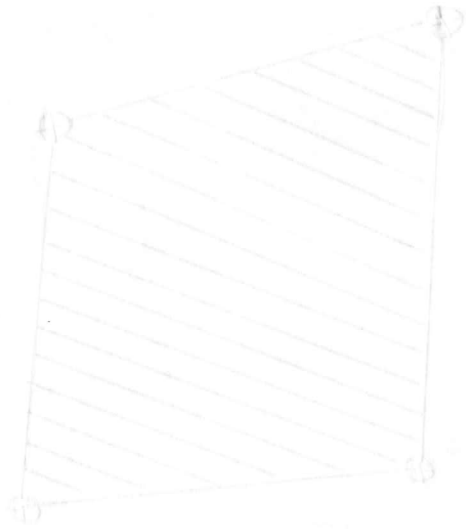
RECEIVED

MAY 27 1998

**WARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH**

11/10/1971
12987
12987

12987



The perimeter of a rectangle is 100 ft. The length is 10 ft more than the width. Find the length and width.



UNITED STATES DEPARTMENT OF AGRICULTURE
WASHINGTON, D. C. 20250
OFFICE OF THE ASSISTANT SECRETARY FOR
TECHNICAL ASSISTANCE
WASHINGTON, D. C. 20250

A24638
~~A22665~~
~~P27116~~
P32015

RECEIVED
WARD COUNTY HEALTH DEPT
ENVIRONMENTAL HEALTH
2003 AP - 1 PM 3:15