

3/17/89 1PM

PERMIT

P 44599

SEWAGE DISPOSAL SYSTEM

A 29925

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT 4th

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE 4/27/89

INDEXED

DATE SYSTEM APPROVED 7/18/89

04-330013

INSPECTOR C. Williams

Dave Hopkins & Son IS PERMITTED TO INSTALL ALTER

ADDRESS 17550 Old Frederick Road, Mt. Airy, Maryland 21771 PHONE 831-7257

SUBDIVISION Mordecai Hoseh Property ROAD 16170 Ed Warfield Rd LOT 16

PROPERTY OWNER Nicolas Plotas

ADDRESS _____

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 210 sq. ft. per bedroom. 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 - Starting from the front left lot corner at the end of the pipestem, place the distribution box 270 feet down the left (707') lot line and 60 feet off that lot line. Run trenches along contour toward right side 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. *OK/CW*

PLANS APPROVED BY Sid Abel DATE 1/03/89

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

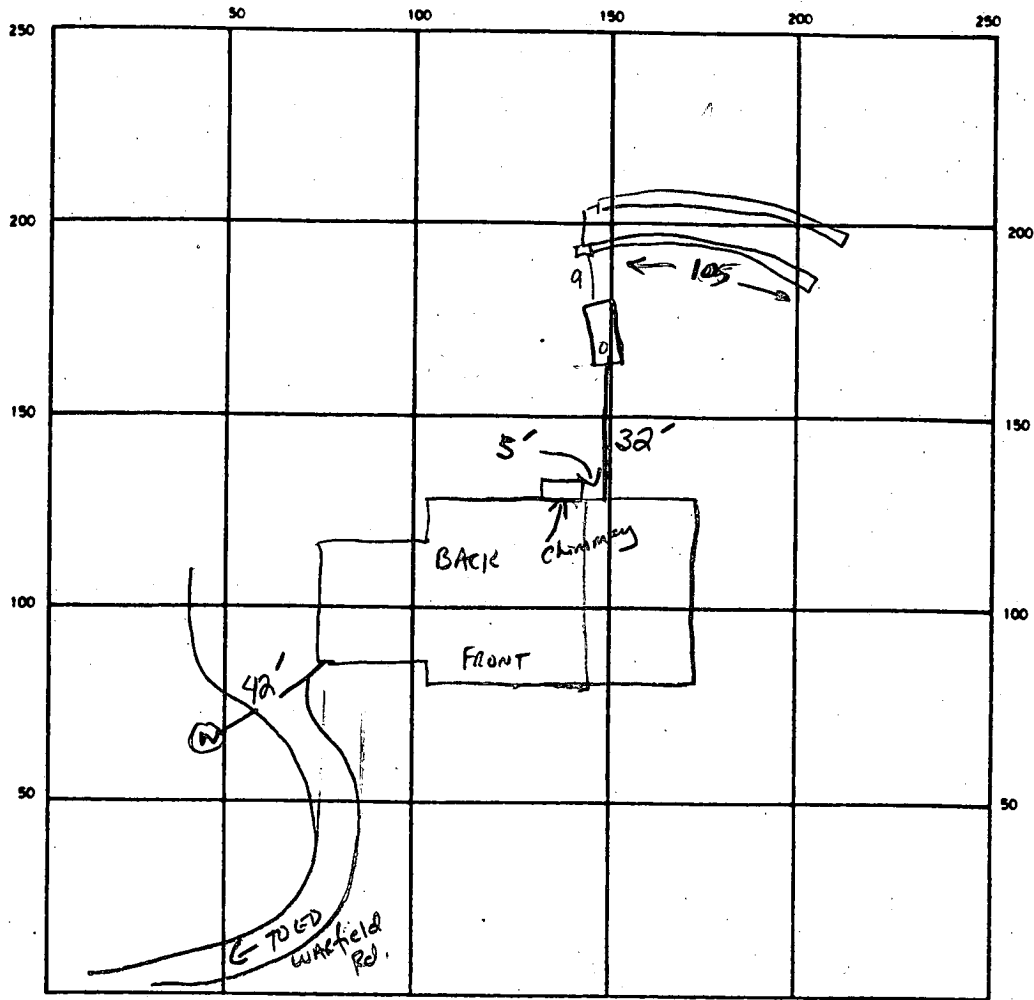
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 29925



WPI & SEPTIC
 COUGNSO
 6/20/89 CW

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK. LEVEL 1250 GAL ✓ CLEANOUTS STV

DISTRIBUTION BOX. LEVEL ✓

DRAIN FIELD/TILE FIELD. DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 210 FT.

NUMBER OF TRENCHES _____ ONE SIDEWALL/BOTTOM AREA 840 SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

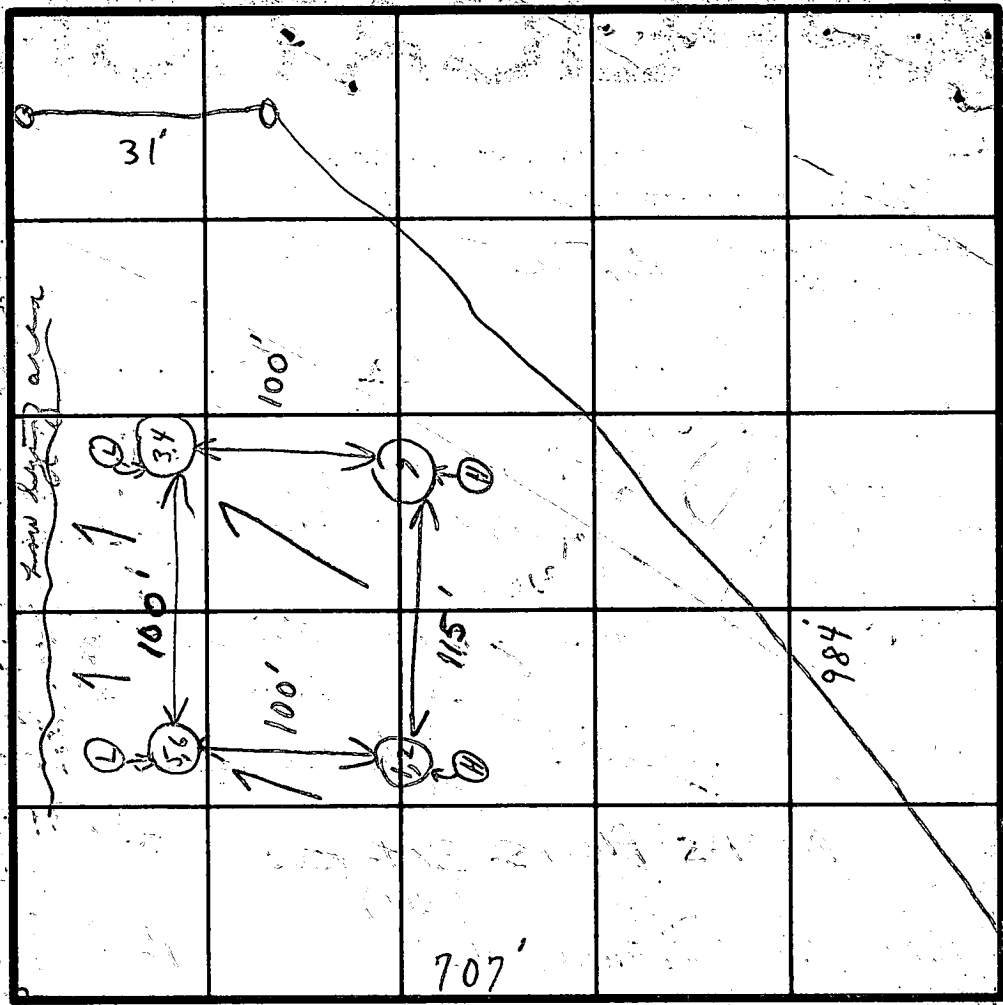
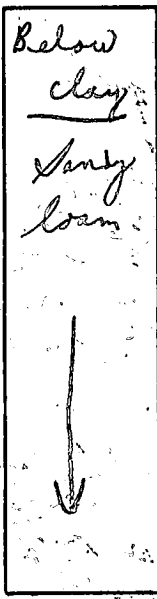
REMARKS 6-14-89 OK TO CONT. STONE TRENCHES IF RAINING - IF NO INSPECTION THERE
BY 3:30-4PM COVER, MAKE DIAGRAM AND GIVE TO HD ASAP SLOW

7/18/89 TRENCH DIMENSIONS SUPPLIED BY CONTRACTOR - NO INSPECTION. C. Waller

DATE SYSTEM APPROVED 7/18/89 INSPECTOR C. Waller

11.0

SOIL PROFILE



Treatments stake
Field sheet

A29925

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/2/79	1	4'	10:27	10:29	10:29	10:34	5m
	Ⓜ 2	12'	10:27	10:30	10:30	10:44	14m
	3	4'	9:54	9:56	9:56	10:01	5m
	Ⓢ 4	12 1/2'	9:54	9:56	9:56	10:08	12m
	Ⓢ 5	4'	10:10	10:13	10:13	10:26	13m
	6	12'	10:10	10:12	10:12	10:17	5m
	Ⓜ 7	11'	Visual similar to other				
						9:56	54

$\bar{X} = 9$
Inlet = 40ft
Bottom = 80ft
210 sqft/bedm

REMARKS (Tests in high grass - hold for certified holes)

TYPE OF SOIL _____

TESTED BY C. B. [Signature]

ALSO PRESENT Dickson
Mr. Thoma

C1 6866

SEQUENCE NO. (DENV 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 29925

DATE RECEIVED

DATE WELL COMPLETED 12/4/88

DEPTH OF WELL 200 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-88-0325

OWNER PLATON HOMES STREET OR RFD EDWARDFIELD RD. TOWN DAISSY SUBDIVISION MORDECAI ROSEN SECTION LOT 14

WELL LOG table with columns: DESCRIPTION, FEET FROM, FEET TO, Check if water bearing. Includes entries for Topsoil, Shale, Br. Slate, Tan slate, Gray slate, and another Br. Slate.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 14, NO. OF POUNDS 1400.

CASING RECORD: MAIN CASING TYPE (ST), Nominal diameter 6, Total depth of main casing 60.

OTHER CASING (if used) section with diameter and depth fields.

SCREEN RECORD: screen type or open hole (HO), DEPTH (nearest ft.) 200.

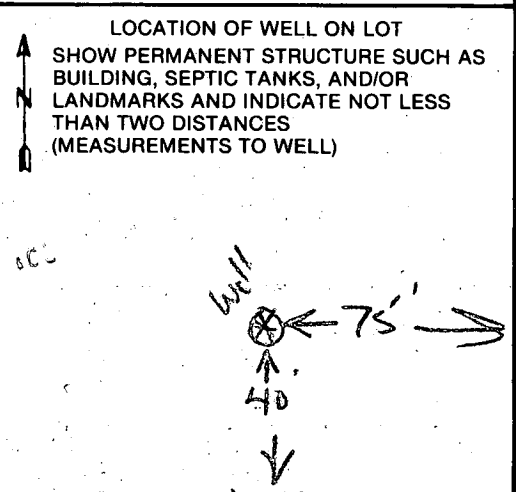
SCREEN RECORD continuation with slot size and diameter of screen fields.

GRAVEL PACK section with fields for from, to, and F IN BOX 68.

OEP USE ONLY section with fields for T, LOG INDICATOR, and OTHER DATA.

PUMPING TEST section: HOURS PUMPED 3, PUMPING RATE 10, MEASURE PUMPING RATE (Barclay), WATER LEVEL 32.1.

PUMP INSTALLED section: DRILLER WILL INSTALL PUMP YES (NO), TYPE OF PUMP INSTALLED (S) submersible, CAPACITY 31-35 GALLONS PER MINUTE.



CIRCLE APPROPRIATE LETTER: A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED.

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...

DRILLERS IDENT. NO. 40, DRILLERS SIGNATURE (Wesley K. Blair), SITE SUPERVISOR responsible for sitework if different from permittee.

B 1 **9867** SEQUENCE NO. (DP 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

STATE PERMIT NUMBER
40-88-0325
 fill in this form completely

Date Received (APA) **10/19/88**
NICK PLUTAS
 OWNER INFORMATION
PLUTAS HOMES
 15 Last Name 13 Owner First Name 34
1200 LARKWOOD DR
 36 Street or RFD 55
SILVER SPRING MD 20911
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL **R-42860**
40.10
10/27/88
HOWARD 8 COUNTY 21
MBRDECAI HOSEFH 23 SUBDIVISION 42
 SECTION **44** 46 LOT **16** 50
DAISY 52 NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) **0** 73 76 77 78

DRILLER INFORMATION
George F. Easterday 40
 Driller's Name 77 License No. 80
L. Franklin Easterday, Inc.
 Firm Name
9265 Brown Church Rd., Mt. Airy, Md. 21771
 Address
George F. Easterday 10/19/88
 Signature Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
ED WARFIELD RD (16170) 11 NEAR WHAT ROAD 30
 NORTH N
 WEST W 32 EAST E
 SOUTH S
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
3800 37
 DISTANCE FROM ROAD.
 ENTER FT or MI **FT** 38 39

B 2 WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) **5** 8 12
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500** 14 20

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# **29925**
 COUNTY NAME COUNTY NO.
 STATE SIGNATURE **Diane E. Nadeau** INSERT S. C. 88. 41
 DATE ISSUED **13088** 43 48 CO SIGNATURE **530-89** EXP. DATE
 NORTH GRID **532000** 50 55 EAST GRID **0779000** 57 63

APPROXIMATE DEPTH OF WELL **200** 24 28 FEET

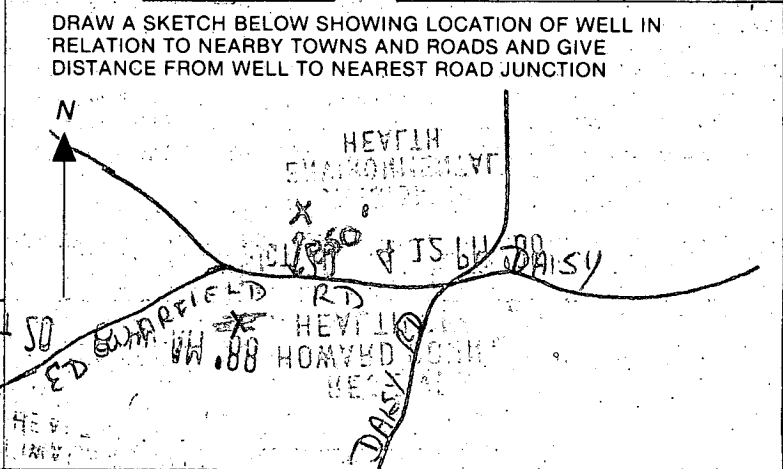
APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

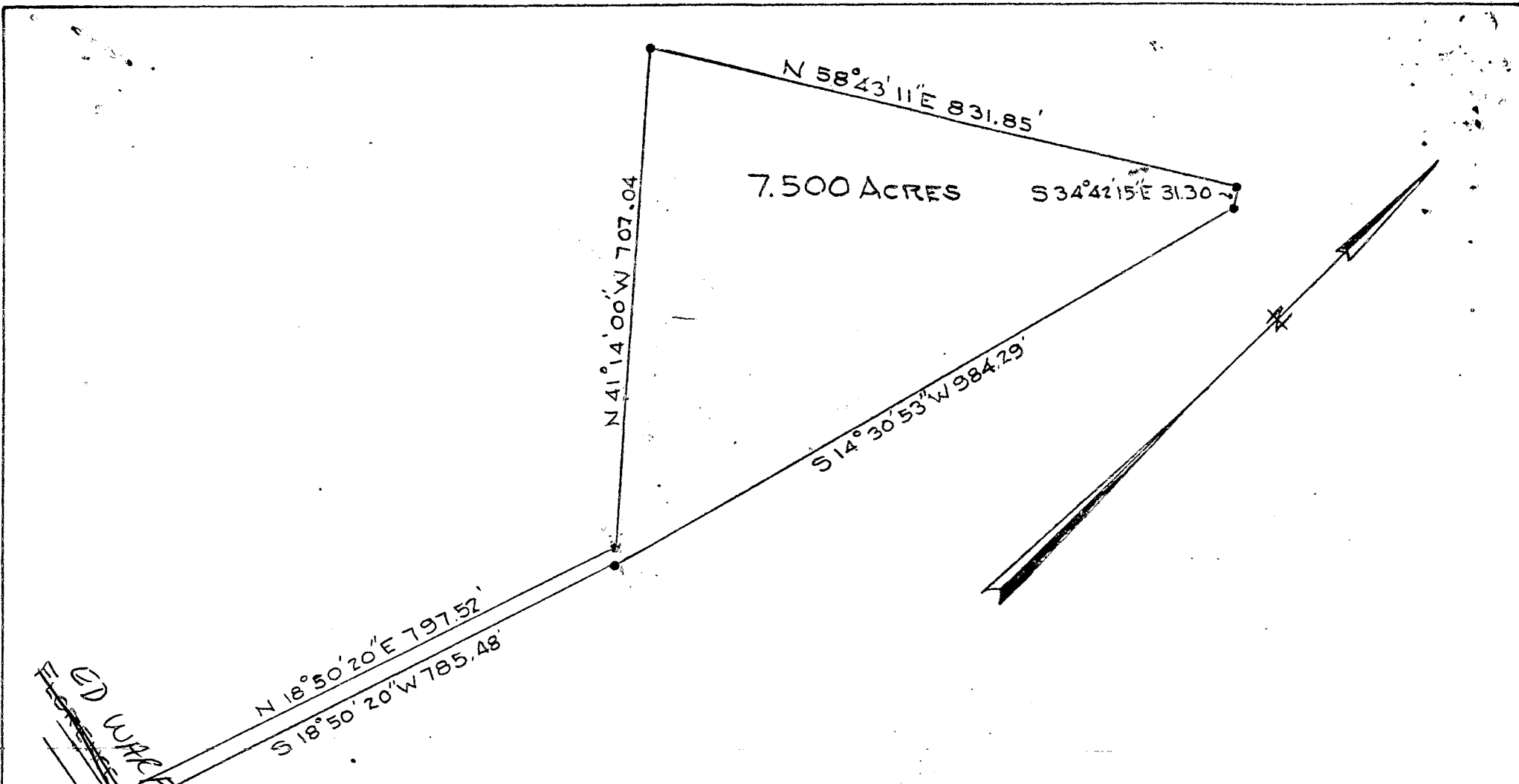
METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROtary AIR-PERcussion ROTARY (Hydraulic Rotary)
 CABLE REVerse-ROtary DRive-POINT
 other _____

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER WELL
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE
 E **778 9**
 N **528 9**
 000 000 **ITAG OK**

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 DEEPEAN AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____ 41 _____ 52

Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____ 54 GAP _____ 63
 FORCE WRITE INITIALS IN BOX PERMIT NO. **40-88-0325** 67 68 70 71 72 73 74 75 76 77 78 79





PLAT OF SURVEY
 FOR
 MORDECAI HOSEH
 FOURTH ELECTION DISTRICT, HOWARD COUNTY
 WOODBINE, MARYLAND.

SCALE: 1 IN = 200 FT JANUARY 31, 1973.

Claude M. Skinner, Jr.
 Claude M. Skinner, Jr.
 Reg. Professional Engineer &
 Land Surveyor No 2237

