

7/16/87 FINAL

Needs ST cap must be replaced. Well cap is damaged, JEN 7-2-87

7/2/87
11AM

PERMIT

P 3906
A 30456
DISTRICT 3rd

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

DATE 3/30/87

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE SYSTEM APPROVED 9/16/87

INSPECTOR RJA

Oertel-Engles Partnership

IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE _____

SUBDIVISION Wynfield ROAD 2701 Woodbridge Court LOT 18, Section 3

PROPERTY OWNER Lucene & Lou Bentz
Oertel-Engles Partnership

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 - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 3 feet below original grade. 6 feet of stone below distribution pipe.

LOCATION - Place the distribution box at a point 275 feet from the front (206.35') lot line and 179 feet from the left (439.49') lot line as seen when facing the property from Wynfield Road. Run trenches on contour toward Woodridge Court. Maintain 100 feet from well with any part of septic system.

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

[Signature]

PLANS APPROVED BY S. Abel DATE 12/09/86

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.

BLDG. PERMIT SIGNED
AND RETURNED 1/20/88
Serial # 16324 - Prob

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 30456

SUBDIVISION: WYNFIELD

LOT NUMBER: 18 SEC. 3

DRY WELL OR DRY WELL AND TRENCH

	<u>Septic Tank</u>	<u>Minimum Total square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

_____ 180 sq. ft./bedroom

Trench to be 2 wide.

Inlet 3 feet below original grade.

Bottom maximum depth 9 feet below original grade.

Effective area begins at 3 feet below original grade.

6 feet of stone below distribution pipe.

4-NO

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: PLACE THE DISTRIBUTION BOX AT A POINT 275 FEET FROM THE FRONT (206.55') LOT LINE AND 170 FEET FROM THE LEFT (439.49') LOT LINE AS SEEN WHEN FACING THE PROPERTY FROM WYNFIELD Rd. RUN TRENCHES ON CONTOUR TOWARD WOODRIDGE COURT. MAINTAIN 100 FEET FROM WELL WITH ANY PART OF SEPTIC SYSTEM.
R/9/86 S. [Signature]

PRELIMINARY

APPLICATION

SEWAGE DISPOSAL TESTING

A 30456

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

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

DISTRICT 3rd

DATE 1/9/80

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 Land Associates Oerfel - Engles Partnership
ADDRESS 3450 Fort Meade Road, Laurel, Md. 20810 PHONE Tom Munz - 792-2242
Ted Snovell - 265-6543

PROPERTY LOCATION: WYNFIELD
SUBDIVISION Hoffman property LOT NO. 21

SECT 3
LOT 18
SIGNED AND RETURNED 3/4/87
S. W. W.
BP# 9834

ROAD AND DESCRIPTION Route 144 2701 Woodbridge Ct.

SIZE OF LOT 3 acres TYPE BLDG. 3 or 4 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.

SIGNATURE OF APPLICANT /s/ Ted Snovell for Land Associates

APPROVED BY [Signature] FOR _____ DATE 1/24/80

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

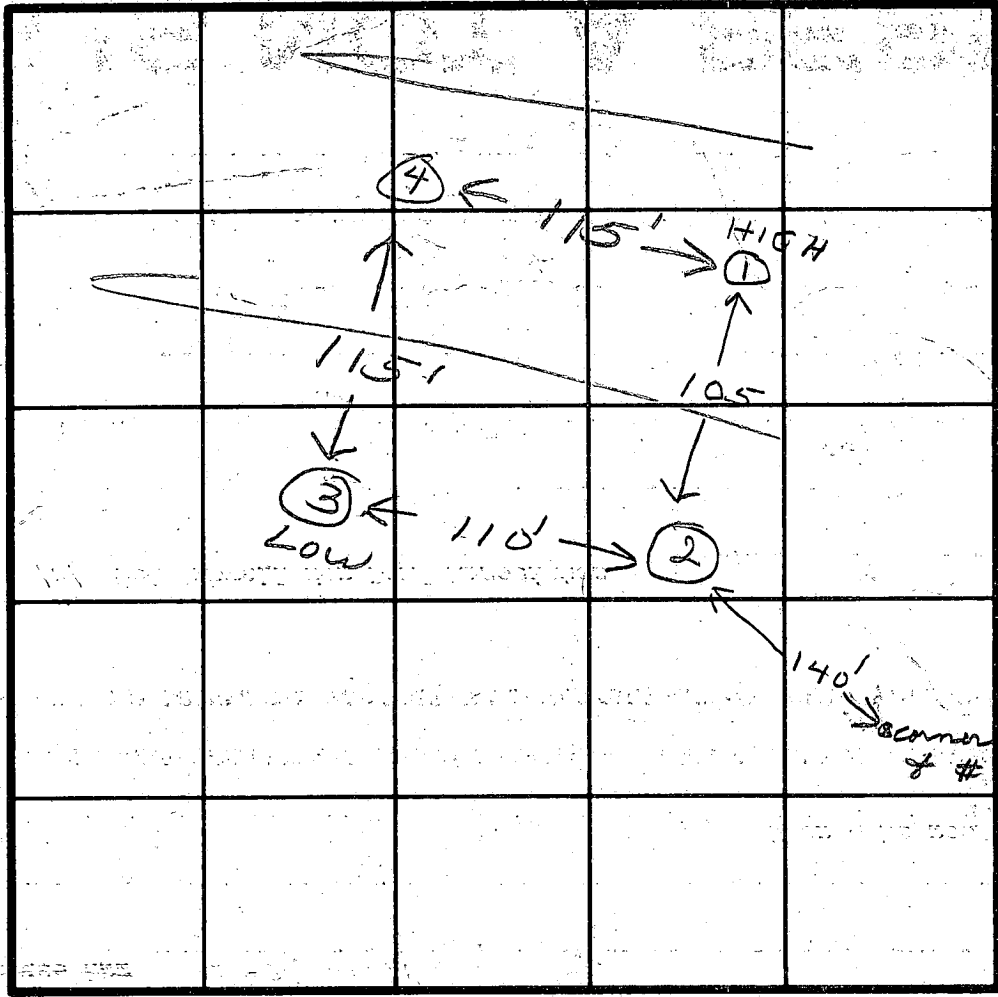
REASONS FOR REJECTION OR HOLDING 2/29/85 Spear Writter B. Hodges

THIS IS NOT A PERMIT

37

SOIL PROFILE

0-3'
clay
3'-14'
sandy
loam



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/21/80	1S	4	1:30	1:32	1:32	1:35	3
	1D	14	1:30	1:34	1:34	1:40	
	2S	3 1/2	1:35	1:37	1:37	1:39	2
	2D	13	1:35	1:37	1:37	1:40	
	3S	3	1:44	1:52	1:52	2:01	9
	3D	12 1/2	1:44	1:46	1:46	1:54	
	4S	4	1:53	1:54	1:54	1:55	1
	4D	13	1:53	1:56	1:56	2:02	

8 MIN. AV.
3' INLET

REMARKS _____

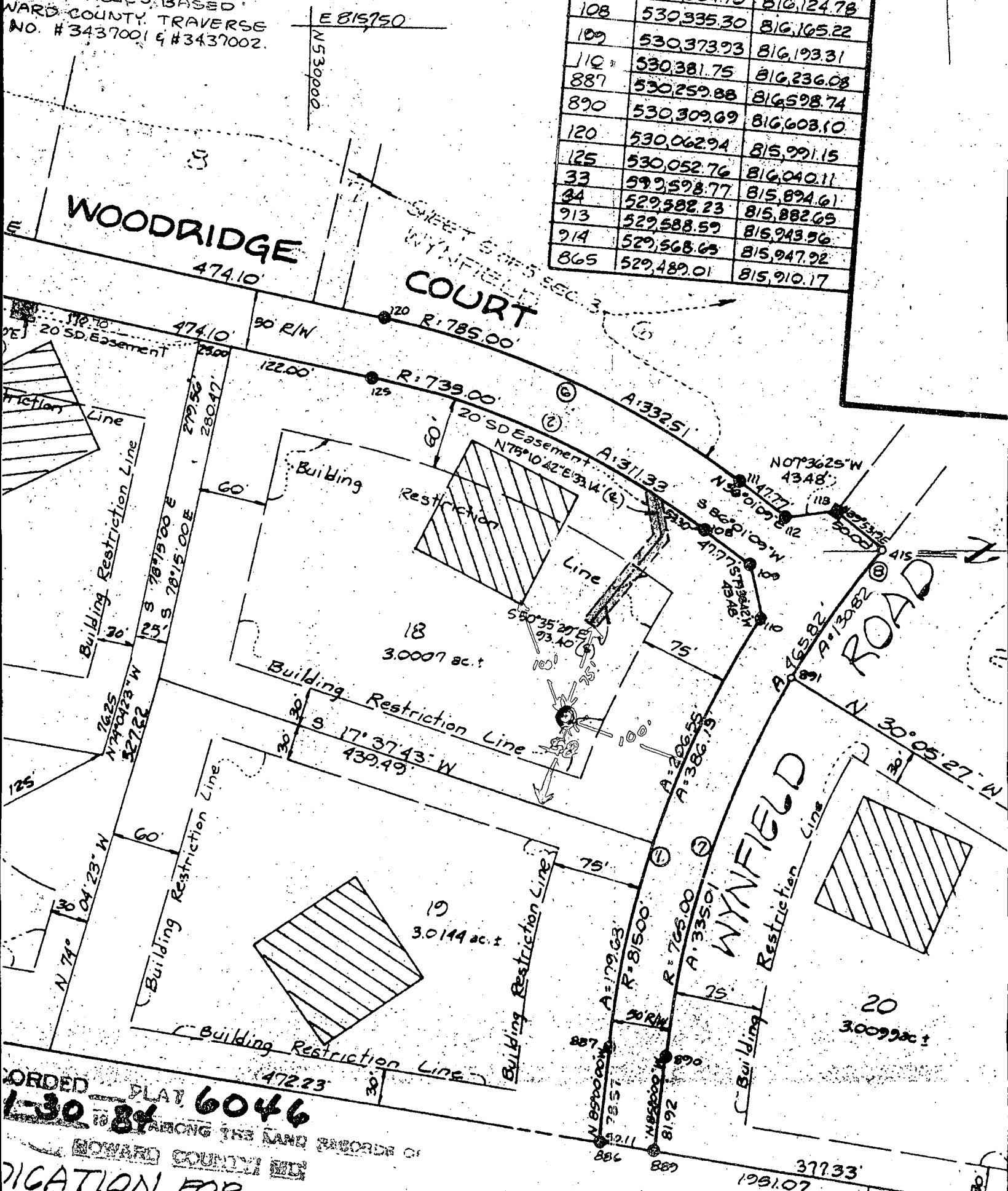
TYPE OF SOIL _____

TESTED BY *J.S.* ALSO PRESENT *D. Magy...*

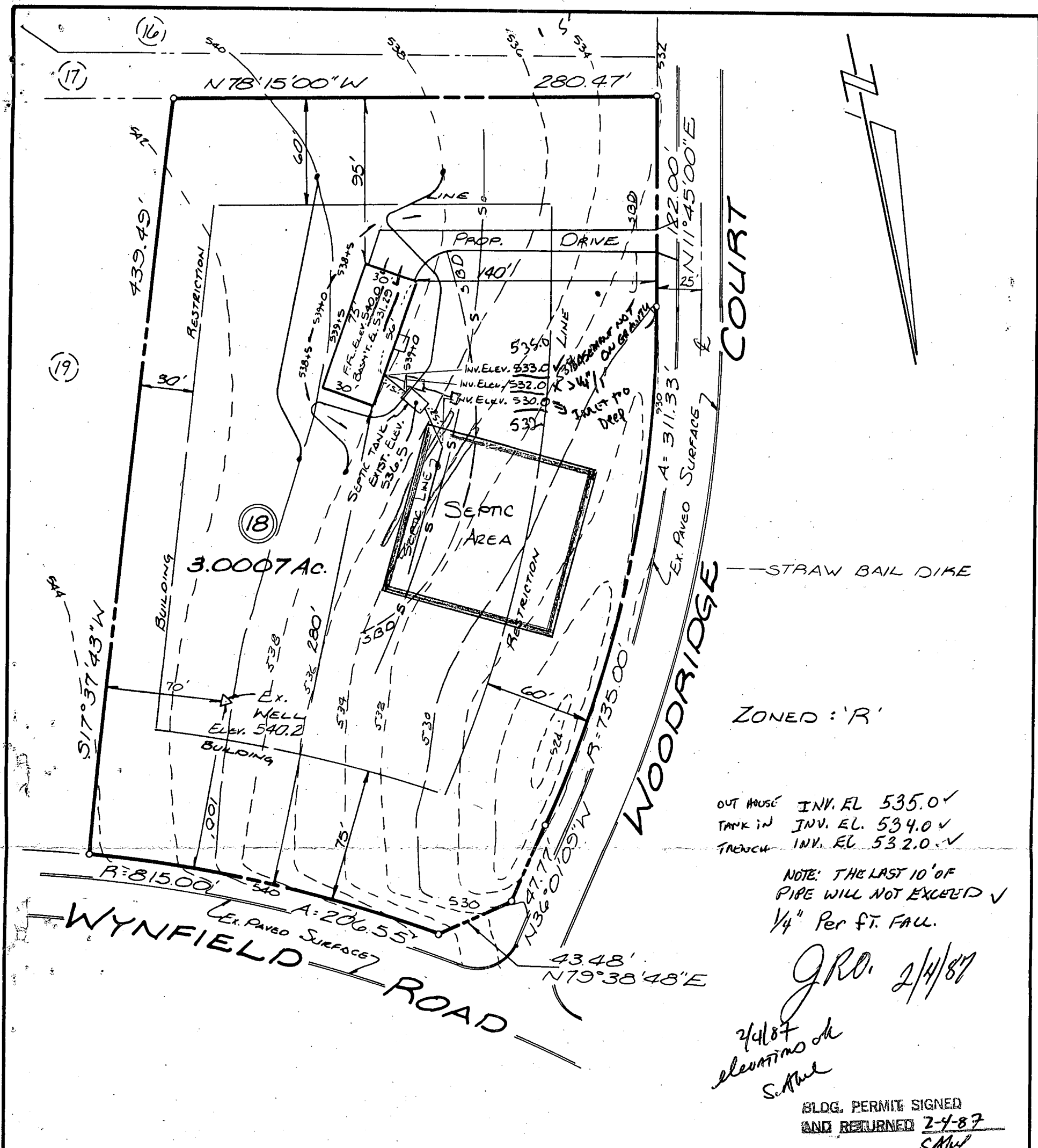
21

STATE GRID SYSTEM
 INATE VALUES BASED
 WARD COUNTY TRAVERSE
 NO. #3437001 & #3437002.

112	530,446.43	816,147.11
111	530,364.70	816,152.87
108	530,335.30	816,124.78
109	530,373.93	816,165.22
110	530,381.75	816,193.31
887	530,259.88	816,236.08
890	530,309.69	816,598.74
120	530,062.94	816,603.10
125	530,052.76	815,991.15
33	529,598.77	816,040.11
34	529,582.23	815,894.61
713	529,588.59	815,882.69
714	529,568.65	815,943.96
865	529,489.01	815,910.17



RECORDED PLAT 6046
 1-30-84
 AMONG THE LAND RECORDS OF
 HOWARD COUNTY, MISSOURI
 FOR
 INDIVIDUAL C



ZONED: 'R'

OUT HOUSE INV. EL 535.0 ✓
 TANK IN INV. EL. 534.0 ✓
 TRENCH INV. EL. 532.0 ✓

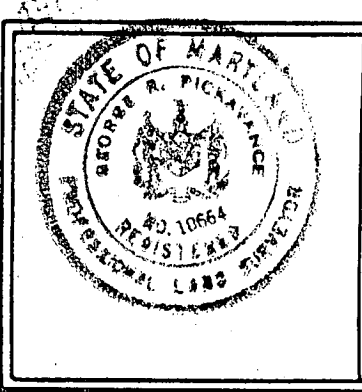
NOTE: THE LAST 10' OF
 PIPE WILL NOT EXCEED ✓
 1/4" PER FT. FALL.

J.R.O. 2/4/87
2/4/87
elevations ok
S.M.H.

BLDG. PERMIT SIGNED
 AND RETURNED 2-4-87
 S.M.H.
 BPH 9834

PLOT PLAN
SECTION 3, LOT 18
WYNFIELD

PLAT BOOK NO. 6046
 3rd ELEC. DIST. HOWARD CO., MD.



KIDDE CONSULTANTS, INC.

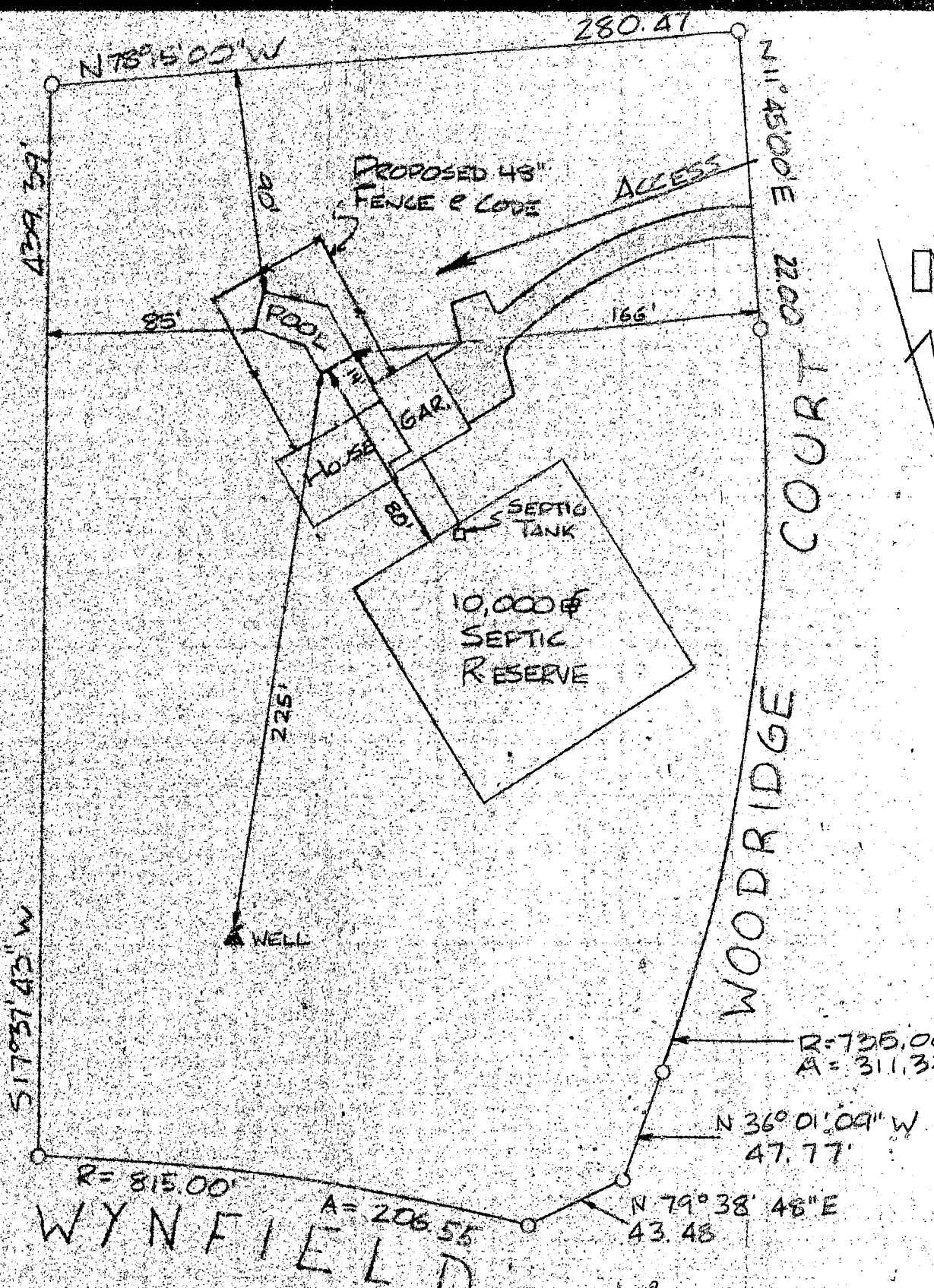
CONSULTING ENGINEERS
 439 East Main Street Westminster, MD 21157
 (301) 848-1790 / 876-2017

George R. Pickavance

DATE 12-16-86 SCALE 1" = 60'

Cartel Engles, Inc

3-9
 180/BR



WYNFIELD

PLOT OF:
 SECT 3 LOT 18
 "WYNFIELD"
 HOWARD COUNTY

1/20/88.
 OK to sign
 RH

B 1 **3331** 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 **1ST**
 please print or type

OEP PERMIT NUMBER
H0-81-0964
 fill in this form completely

Date Received **5/2/85** **11:00 AM**
 OWNER INFORMATION
CARRAPPESS **MARK**
CASTELL
BALTIMORE **MD** **21236**

B 3 LOCATION OF WELL
HOWARD COUNTY
WYNFIELD SUBDIVISION
 SECTION **3** LOT **18**
WEST FRIENDSHIP NEAREST TOWN
 MILES FROM TOWN (enter 0 if in town) **1 2/10** MI

DRILLER INFORMATION
JOSEPH L. MAYNE License No. **238**
JOSEPH L. MAYNE WELL DRILLING
5512 RIDGE RD. MT. AIRY MD. 21771
Joseph L. Mayne **3/18/85**

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 NEAR WHAT ROAD **WoodRidge Court**
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 DISTANCE FROM ROAD **200** FT
 ENTER FT or MI **FT**

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 COUNTY NAME
A30456 COUNTY NO.
 OEP SIGNATURE _____ STATE HEALTH INSERT S _____
 DATE ISSUED **040285** CO SIGNATURE **Chris Wilson** EXP. DATE **10/2/85**
 NORTH GRID **530000** EAST GRID **0816000**

APPROXIMATE DEPTH OF WELL **300** FEET

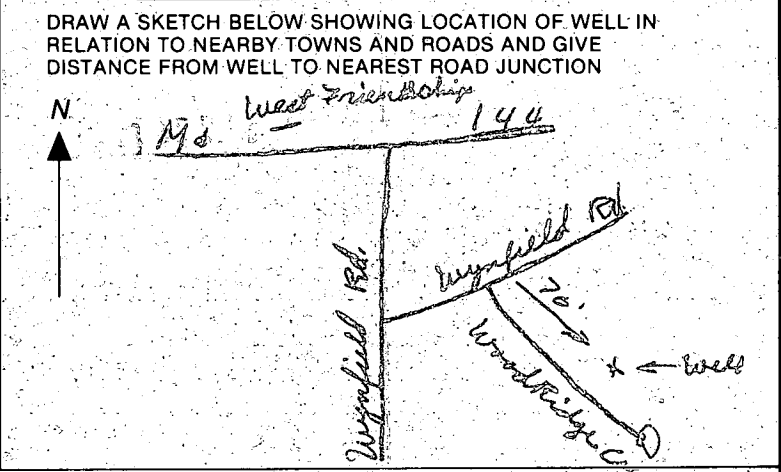
APPROXIMATE DIAMETER OF WELL **6** INCH

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
 CABLE REVERSE-ROTARY Drive-POINT
 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 **20** WRITE INITIALS IN BOX PERMIT NO. **H0-81-0964**

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. WELL
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE.
 E **810 6**
 N **530 0**
 LOCATION INCORRECT PER AREA MUST BE ADJUSTED.
40' CASING
2' ABOVE GROUND
31' OPEN
9 BAGS CEMENT
5/2/85 CW



P. 31-42, E.V. 1
3 of 5 SEC. 3
FIELD

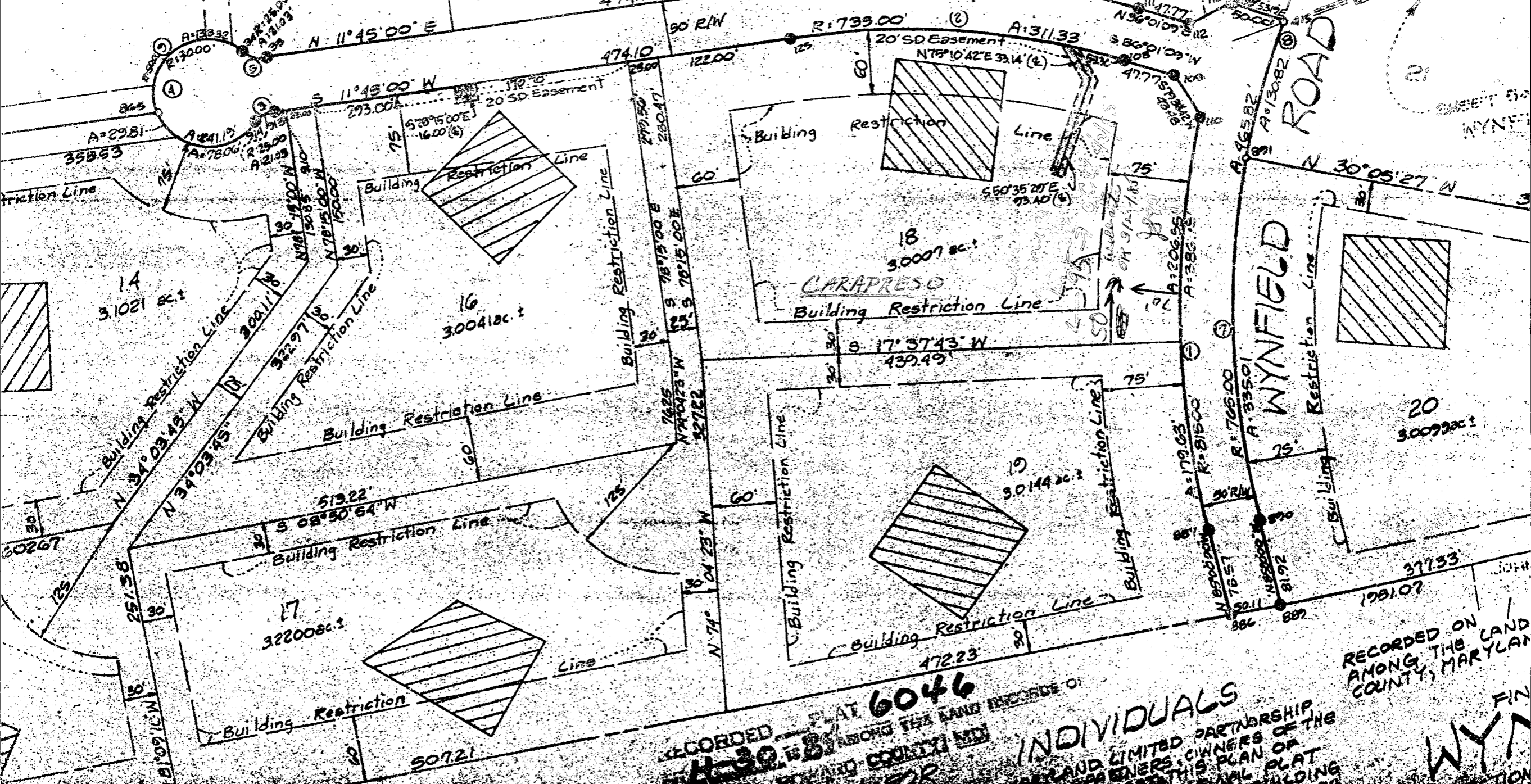
WOODRIDGE

COURT

ROAD

WYNFIELD

SCALE 1"=100'



RECORDED PLAT 6046
 1030.881 AMONG THE LAND RECORDS OF
 HOWARD COUNTY MD

INDIVIDUALS

LAND LIMITED PARTNERSHIP
 OWNERS OF THE
 THIS PLAN OF
 HOLDING

RECORDED ON
 AMONG THE LAND
 COUNTY, MARYLAND

WYNFIELD

C1 **9502** SEQUENCE NO. (OEP USE ONLY)
 (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 30456 18**

DATE Received
 DATE WELL COMPLETED **050285**
 Depth of Well **225** (TO NEAREST FOOT)
 PERMIT NO. FROM "PERMIT TO DRILL WELL" **40-81-0964**

OWNER **CARAPRESS MARK**
 STREET OR RFD last name **WOODRIDGE CT** first name **MARK** TOWN **WEST FRIENDSHIP**
 SUBDIVISION **WYNFIELD III** SECTION **3** LOT **18**

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	
Brown Shale	0	45	
Shaly mica rock	45	225	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **9** NO. OF POUNDS **876**
 GALLONS OF WATER **54**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **31** ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
ST **CO** STEEL CONCRETE
PL **OT** PLASTIC OTHER
 MAIN CASING TYPE **ST** Nominal diameter top (main) casing (nearest inch) **6** Total depth of main casing (nearest foot) **48**

OTHER CASING (if used)
 diameter inch from to

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

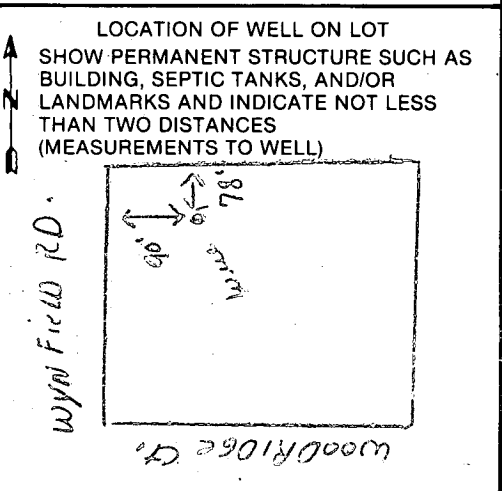
C2
 DEPTH (nearest ft.)
 1 **110** **46** **225**
 2
 3
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK from to
 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
 TELESCOPE CASING LOG INDICATOR OTHER DATA

C3
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 **31**
 WHEN PUMPING **50**
 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 **2** (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 **Joseph T. Marpe**
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

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.)

MARK A CANOPRESO
(Name)

30 ASTELL CT
(Address)
BALTO MD 21236

NO 81 0964
(OEP Well Permit Number)

Lot 18 - Sec III Weyfield

3/13/85
(Date)