

11/8/83
~2pm

approved 11-9-83
C. W. Allen

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH
992-2330

03-246881

ELLICOTT CITY

DISTRICT 3rd

INDEX

DATE 11/8/83

Howard H. Patton Excavating

IS PERMITTED TO INSTALL X ALTER

ADDRESS P. O. Box 317, Sykesville, Md. 21784 PHONE 469-0060

SUBDIVISION (Storm property) ROAD 11875 Route 144 LOT

PROPERTY OWNER Brady Ridenour

ADDRESS 2900 Cowan Avenue, Baltimore, Maryland 21223

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

TRENCHES - 158 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 2 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 2 feet below original grade. 6 feet of stone below distribution pipe. Start the trench or place the dry well at perc hole #1 which is located 250 feet from the right side of the lot as seen when facing the lot from Route 144. Run the trenches along level ground toward the back of the lot or toward the right side of the lot as seen when facing the lot from Route 144.

NOTE: NO TRENCH IS TO EXCEED 100 FEET IN LENGTH. CALL FOR INSPECTION OF TRENCH BEFORE GRAVEL IS INSTALLED.

PLANS APPROVED BY Raymond Hodges and Frank A. Skinner DATE 8/5/83

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.

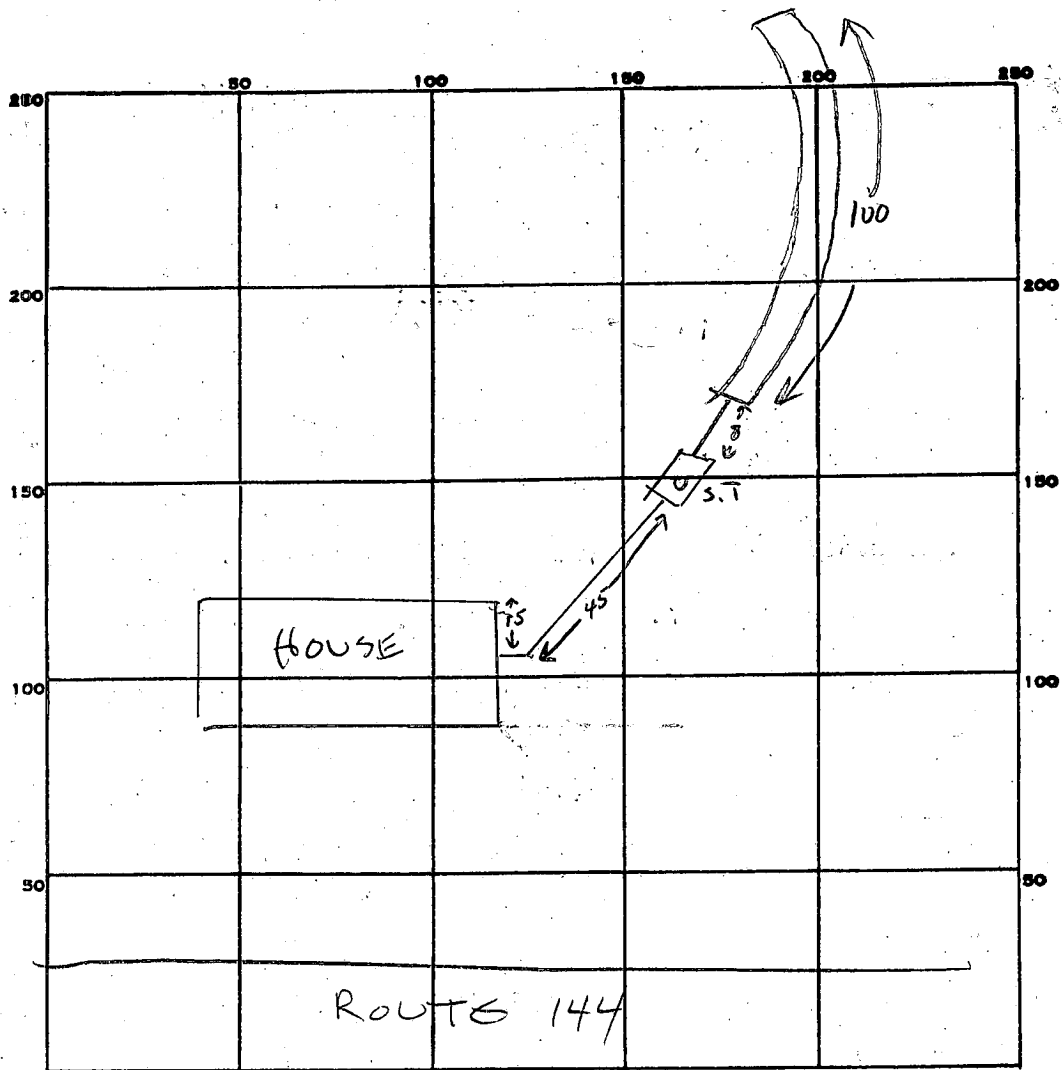
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

***CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.**

EH - 2-1082

A 33000



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD ☒

SEPTIC TANK, LEVEL ☒

CLEANOUTS ☒

DISTRIBUTION BOX, LEVEL _____

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

GRAVEL DEPTH 6 FT IN. TOTAL LENGTH 100 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 600

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

ABSORBENT AREA 600 SQ. FT.

REMARKS _____

DATE SYSTEM APPROVED 11-9-83

INSPECTOR C. Williams

SUBDIVISION: ROBERT & MARY STORM LOT NUMBER:

5-584a Lot 4

DRY WELL OR DRY WELL AND TRENCH

125 sq. ft./bedroom

	Septic Tank
3 bedroom	1000 gallon
4 bedroom	1250 gallon
5 bedroom	1500 gallon

Minimum Total square Feet
474 TRENCH

Inlet 2 feet below original grade.
Bottom maximum depth 8 feet below original grade.
Effective area begins at 3 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 6 feet of stone below distribution pipe.

OR
TRENCHES

158 sq. ft./bedroom

Trench to be 2 wide.
Inlet 2 feet below original grade.
Bottom maximum depth 8 feet below original grade.
Effective area begins at 2 feet below original grade.
6 feet of stone below distribution pipe.

- 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. (CONTOUR)
 - (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: START THE TRENCH OR PLACE THE DRY WELL AT PERC HOLE (D) WHICH IS LOCATED 250 FT FROM THE FRONT LOT LINE AND 129 FT FROM THE RIGHT SIDE OF THE LOT AS SEEN WHEN FACING THE LOT FROM ROUTE 144. RUN THE TRENCHES ALONG LEVEL GROUND TOWARD THE BACK OF THE LOT OR TOWARD THE RIGHT SIDE OF THE LOT AS SEEN WHEN FACING THE LOT FROM ROUTE 144

APPLICATION

*Permit
Ritest*

SEWAGE DISPOSAL TESTING

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: 992-2330

A 33000

P _____

DISTRICT 3rd.

DATE 7/29/83

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 Robert N. & Mary C. Storm

*648 2900
BIDENOUR (BUYER)*

ADDRESS _____

PHONE 848-1790 Evnas, Hagan &
Holdefer, Inc. (Surveyors)

PROPERTY LOCATION:

SUBDIVISION _____

11875

LOT NO. _____

ROAD AND DESCRIPTION _____

Route 144, Liber 650, Folio 558,

SIZE OF LOT _____

5,584 acres

TYPE BLDG. _____

3 or 4 bedrooms

(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.

(SIGNATURE OF APPLICANT)

APPROVED BY _____

FOR _____

DATE _____

REJECTED BY _____

FOR _____

DATE _____

HOLD PENDING FURTHER TESTS _____

DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED

AND RETURNED 9/13/83

*Signal # 55606
Storage Shed*

BLDG. PERMIT SIGNED

AND RETURNED 9/13/83

*Signal # 55607
IFD*

THIS IS NOT A PERMIT

APPLICATION

PRELIMINARY

A 18459

P

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT 3BR - 1000 gal Tank DISTRICT 3rd
ENVIRONMENTAL HEALTH SERVICES 4BR - 1250 gal Tank DATE 5/7/73
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 336

Dry Well - 360 sq ft sidewall area below inlet - 3BR
480 sq ft 4BR

Dry Well inlet to be 4 1/2 FT deep and bottom
of Dry Well to be 10 1/2 FT deep max. below original grade
Place the dry well 175 FT from the front lot line
and 150 FT from the left side of the lot

TO: THE COUNTY HEALTH OFFICER as seen when facing the lot
ELLICOTT CITY, MARYLAND from Route 144

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE
DISPOSAL SYSTEM.

PROPERTY OWNER Robert M. Storm

ADDRESS 407 Hance Ave. N. Linthicum, Md. 21090
Any questions call Mr. Tracy
PHONE 242-9515

PROPERTY LOCATION:

SUBDIVISION LOT NO. Parcel 19

ROAD AND DESCRIPTION Md. Route 144 - Frederick Road short dist E east
of Saronor Bar on South Side of Rte 144

SIZE OF LOT 5.584 acres TYPE BLDG. 3 or 4 bedrooms
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/ James Tracy

APPROVED BY FOR DATE
(KIND OF SYSTEM)

REJECTED BY FOR DATE
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS R/H DATE 6/5/73

REASONS FOR REJECTION OR HOLDING 6/5/73 - Per OK Hold for Final
with Memorandum Ownership statement & Signature Block R/H

THIS IS NOT A PERMIT

PRELIMINARY

APPLICATION

A 18459

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 3rd

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DATE 5/7/73

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 Robert M. Storm

Any questions call Mr. Tracy

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

SIGNATURE OF APPLICANT /s/ James Tracy

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

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

HOLD PENDING FURTHER TESTS _____ DATE _____

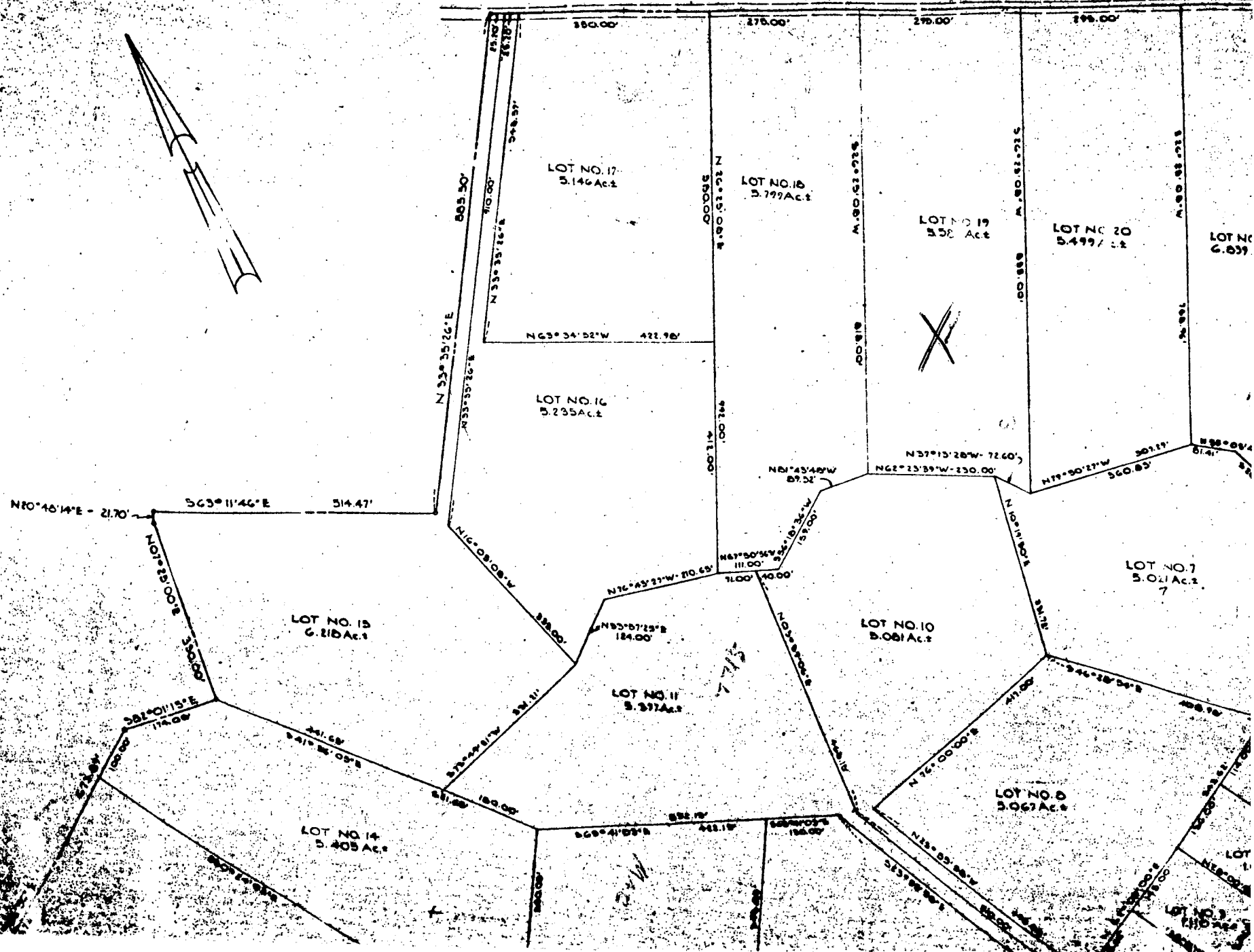
REASONS FOR REJECTION OR HOLDING _____

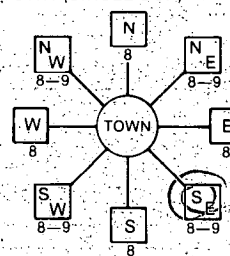
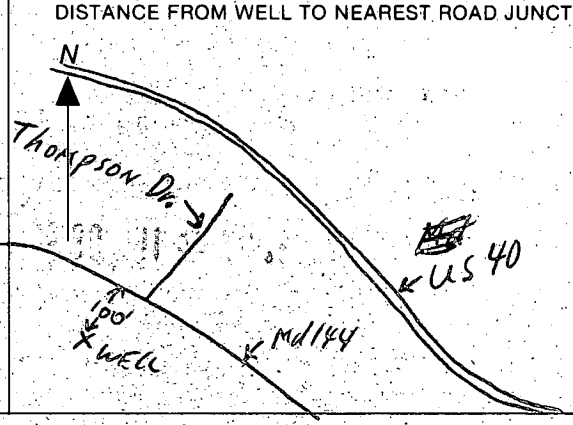
THIS IS NOT A PERMIT

MARYLAND ROUTE NO

563°34'52" E

1670.37'



B 1 6919 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (OEP USE ONLY) 9/1/83	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	OEP PERMIT NUMBER H0-81-0248 fill in this form completely
Date Received 083083 OWNER INFORMATION Ridenour Brady 2900 Cowan Ave Backtimore Md 21229		B 3 LOCATION OF WELL Howard 8 COUNTY Taxmap 16 par 299 23 SUBDIVISION SECTION 44 46 LOT 48 50 WEST FRIENDSHIP 52 NEAREST TOWN MILES FROM TOWN (enter 0 if in town) 2 MI	
DRILLER INFORMATION Stanley W. Dillingel Jr. Driller's Name STANIS WELL DRILLING INC. Firm Name PO Box 2035 West, Md 21157 Address Stanley W. Dillingel Jr. 8/30/83 Signature Date		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  NEAR WHAT ROAD MD 144 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  DISTANCE FROM ROAD 100 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)	
APPROXIMATE DEPTH OF WELL 165 FEET APPROXIMATE DIAMETER OF WELL 6 INCH		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD COUNTY NAME OEP SIGNATURE DATE ISSUED 083083 CO SIGNATURE Frank Skinn NORTH GRID 532000 EAST GRID 0821000 EXP. DATE 2/30/84	
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 1. well 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E 820 1 N 530 2	
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 DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER GAP FORCE FS WRITE INITIALS IN BOX PERMIT NO. H0-81-0248 SPECIAL CONDITIONS			

Page 1 of 1
Date Sept 1, 1983

Field 6.2 pH
check @ off.

Review

9/1/83

Sample H 9387

take @ $1 \frac{30}{57.5}$

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0248

Location of property (road) Route 144

Subdivision Taxmap 16 Parcel 2 Lot 2 Block 2 Plat 2 Sec. 2

Well Driller Stanley W. Ballinger Owner Brady Kidensur

Depth of well 165

Distance of measuring point (M.P.) above ground

Static water level (S.W.L.) below M.P. 34'

I. High rate pumping -- reservoir drawdown

Time pump started 10⁵⁵

Pumping rate 10g/m.

Total time	to reach pumping water level	ft. below M.P.
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II. Recovery pump test data - observations to be recorded every 15 minutes

[illegible]

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FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0248
Location of property (road) MD. Rte 144
Subdivision tax map 16. parcel 299 Lot _____ Block _____ Plat _____ Sec. _____
Well Driller Stanley Bollinger Owner Brady Ridinger

Depth of well 165'
Distance of measuring point (M.P.) above ground 1'
Static water level (S.W.L.) below M.P. 34'

I. High rate pumping -- reservoir drawdown

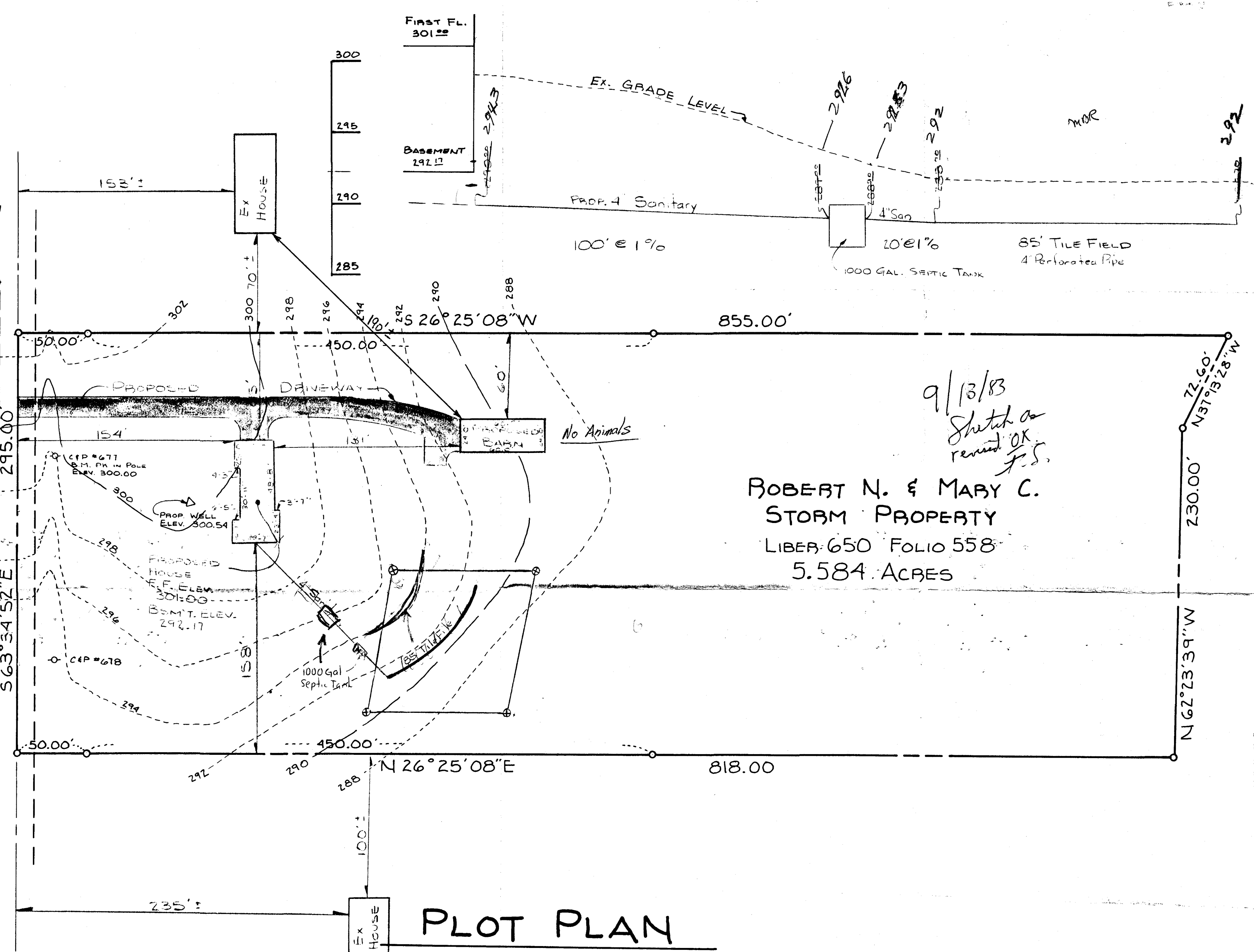
Time pump started 1100 Pumping rate 10 GPM
Total time 45 Min. to reach pumping water level 55' ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

[illegible]

THOMPSON DRIVE

BALTIMORE AND FREDERICK TURNPIKE
(MD. ROUTE No. 144) 66' R/W



9/13/83
Sketch as
revised OK
J.S.

ROBERT N. & MARY C.
STORM PROPERTY
LIBER 650 FOLIO 558
5.584 ACRES

PLOT PLAN

3RD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

NOTES:

1. PUBLIC WATER AND SEWER NOT AVAILABLE
2. SOIL TYPE PREDOMINANTLY: Cc
3. ZONING OF PROPERTY: RESIDENTIAL
4. TOPO DATA ASSUMED

UPDATE DRIVEWAY LOCATION: AUG. 17, 1983 JZ
UPDATE DRIVEWAY LOCATION: AUG. 11, 1983 JZ

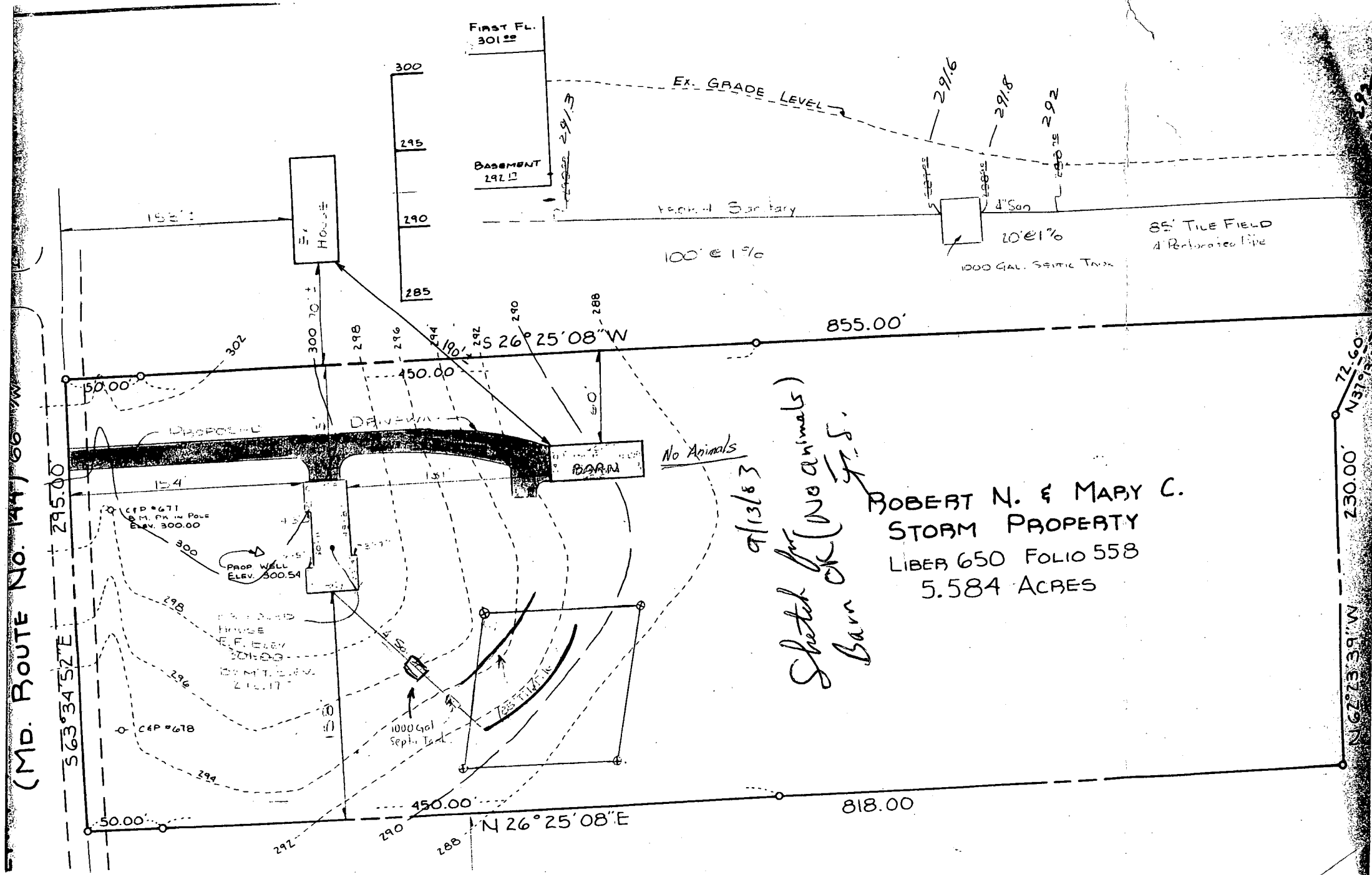
EVANS, HAGAN & HOLDEFER, INC.
SURVEYORS AND CIVIL ENGINEERS

111 JOHN STREET / WESTMINSTER, MARYLAND 21157
(301) 848-1790 / 876-2017

Kenya R. Williams

DATE 7-21-83 SCALE 1"=50'

Drawg. No. 2957



Nitrate results
at front desk

0.2