

3/23/89 N.O.O.W

PERMIT

P 43805

SEWAGE DISPOSAL SYSTEM

A 35706

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT 3rd

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE 3/16/89

03-310744

DATE SYSTEM APPROVED 3/23/89

INSPECTOR CW

William Cumberland IS PERMITTED TO INSTALL ALTER

ADDRESS 16391 A. E. Mullinix Road, Woodbine, Maryland PHONE 854-6838

SUBDIVISION Gaither Farms ROAD 11007 Gaither Farm Rd LOT 3

PROPERTY OWNER The Pich Corporation

ADDRESS _____

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 268 sq. ft. per bedroom with garbage disposal. Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - SHALLOW SYSTEM ONLY. Beginning from the right rear corner, place 1st trench 70 feet down the right (195.00') lot line and 205 feet off the right line as seen when facing property from Gaither Farm Road. Run trenches along contour towards the right (195.0') lot line.

NOTE - MAINTAIN MINIMUM 100 FEET DISTANCE FROM WELL TO SEPTIC.
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 Bert Nixon DATE 5/04/87

COVER NO WORK UNTIL INSPECTED AND APPROVED

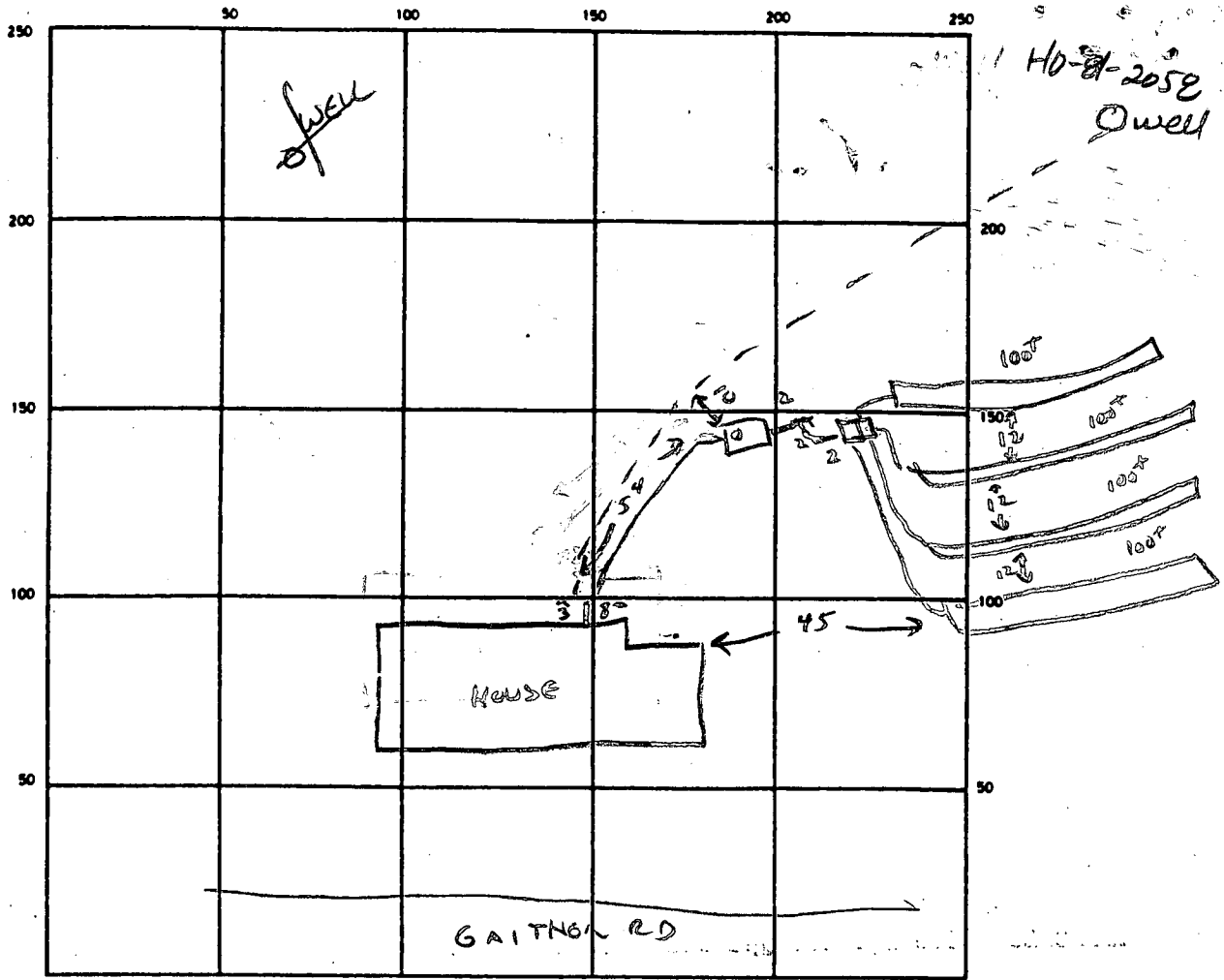
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

- 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 35706



INDICATE NORTH — NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 2000 GAL ✓ CLEANOUTS ST ✓

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD/TILE FIELD. DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 400' FT

NUMBER OF TRENCHES 4 (100') EACH ONE-SIDEWALL/BOTTOM AREA 1200' SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS OVERSIZED SYSTEM, OK TO COVER ALL WORK 3/23/89 C.W.C.

DATE SYSTEM APPROVED 3/23/89 INSPECTOR C.W.C.

51127
P-1

A 35706

SUBDIVISION: GATHER FARM
GATHER FARM RD

LOT NUMBER: 3

DRY WELL OR DRY WELL AND TRENCH

| | Septic Tank | _____ sq. ft./bedroom | Minimum Total square Feet |
|-----------|-------------|-----------------------|---------------------------|
| 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

Trench to be 3 wide. 220 sq. ft./bedroom
268 " " " " 1' G.D.
 Inlet 4 feet below original grade.
 Bottom maximum depth 6 feet below original grade.
 Effective area begins at 4 feet below original grade.
2 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.
 - (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: SHALLOW SYSTEM ONLY. BEGINNING FROM THE RIGHT REAR CORNER, PLACE 1ST TRENCH 70' DOWN THE RIGHT (195.00) LOT LINE AND 205' OFF THE RIGHT LINE AS SEEN WHEN FACING PROP FROM GATHER FARM ROAD. RUN TRENCHES ALONG CONTOUR TOWARDS THE RIGHT (795.00) AND LEFT LOT LINES.

NOTE: MAINTAIN MINIMUM 100' DISTANCE FROM WELL TO SEPTIC

APPLICATION

SEWAGE DISPOSAL TESTING

A 35706

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 3rd

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

DATE 6/20/85

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 Purchaser Patrick McCuan The PICH CORPORATION
1000 Equitable Bank Center
ADDRESS Columbia, Maryland 21044 PHONE 730-9091

PROPERTY LOCATION:
SUBDIVISION Gaither Farm LOT NO. 3 NEW 3
ROAD AND DESCRIPTION 11007 Gaither Farm Rd.
Homewood Road and Route 108

SIZE OF LOT 3 Acres TYPE BLDG. 3 - 5 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. /s/ Christine Richards
(SIGNATURE OF APPLICANT)

APPROVED BY Sidy Abul FOR Standard Touch DATE 10-10-88

REJECTED BY _____ FOR _____ DATE _____

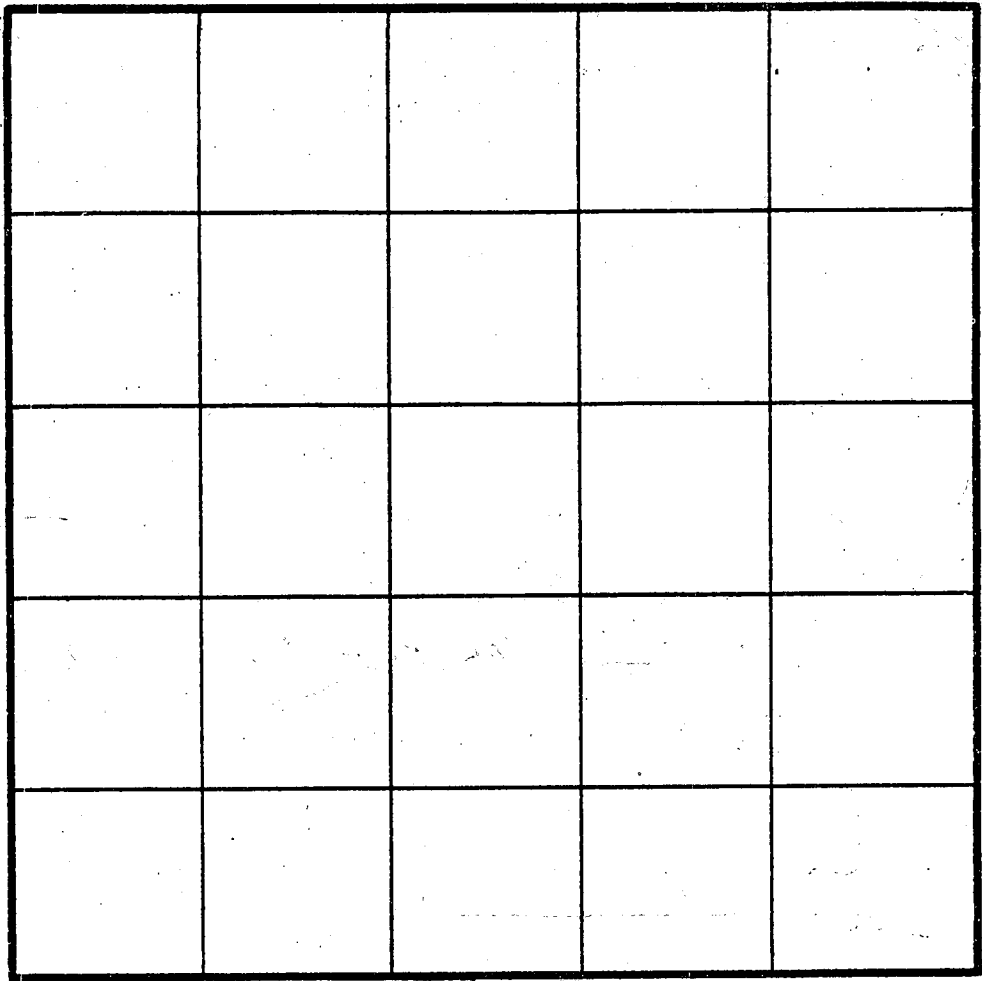
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 7/10/85 - DUG MORE CLAY & WATER R.H.
7-24-85 Needs further testing for approval same

BLDG. PERMIT SIGNED
AND RETURNED 10/10/88
01854 8A

THIS IS NOT A PERMIT

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

0
TOPSOIL & BROWN CLAY
6
WHITE & BROWN CLAY SILT LOAM
13.5
14 WATER

0
5
BROWN CLAY
5
WHITE & BROWN CLAY LOAM
12
13 WATER

2
CLAY TOPSOIL
WHITE & LIGHT BROWN SAND LOAM

6
CLAY TOPSOIL
BROWN WHITE SILT CLAY LOAM
10
11 WATER

3
CLAY TOPSOIL
WHITE GRAY BROWN SILT SAND CLAY
14.5
15 WATER

4
BROWN CLAY
BROWN & GRAY SAND LOAM

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|---------|----------|--------|----------|------|----------------|------|------|
| | | | START | STOP | START | STOP | |
| 7/11/85 | ✓ 1 S | 4.5 | 254 | 323 | 323 | 249 | 26 |
| | ✓ 1 P | 8.5 | 254 | 312 | 312 | 338 | 26 |
| | ✓ 1 V | 14 | WATER | | 13.5 FT | | |
| | ✓ 2 S | 5 | 254 | 302 | 302 | 306 | 4 |
| | 2 V | 12 1/2 | LOOKS OK | | | | |
| | 3 S | 4 | 306 | 354 | LITTLE WATER | | |
| | 3 D | 9 | 306 | 316 | 316 | 331 | 15 |
| | 3 V | 15 | WATER | | 14.5 | | |
| | ✓ 4 S | 5 | 308 | 318 | 318 | 323 | 5 |
| | 4 V | 14 | LOOKS OK | | | | |
| | 5 V | 13 | WATER | | 12 UNSAT | | |
| | 6 V | 11 | WATER | | 10 FT UNSAT | | |
| 7/11/85 | 3 M | 5.5 | 357 | 430 | LITTLE PERC | | |

REMARKS

TYPE OF SOIL

TESTED BY

RHONGES GRAFF WILLIAMS J NADBAU
510 ABEVE ALSO PRESENT DAVE & LONNIE

APPLICATION

SEWAGE DISPOSAL TESTING

A 35706
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: 992-2330

DISTRICT _____
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 Purchaser Patrick McCuan
1000 Equitable Bank Center
ADDRESS Columbia, Maryland 21044 PHONE 730-9091

PROPERTY LOCATION:

SUBDIVISION Gaither Farm LOT NO. 3

ROAD AND DESCRIPTION Homewood Road and Route 108

SIZE OF LOT 3 Acres TYPE BLDG. 3 - 5
(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. /s/ Christine Richards
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

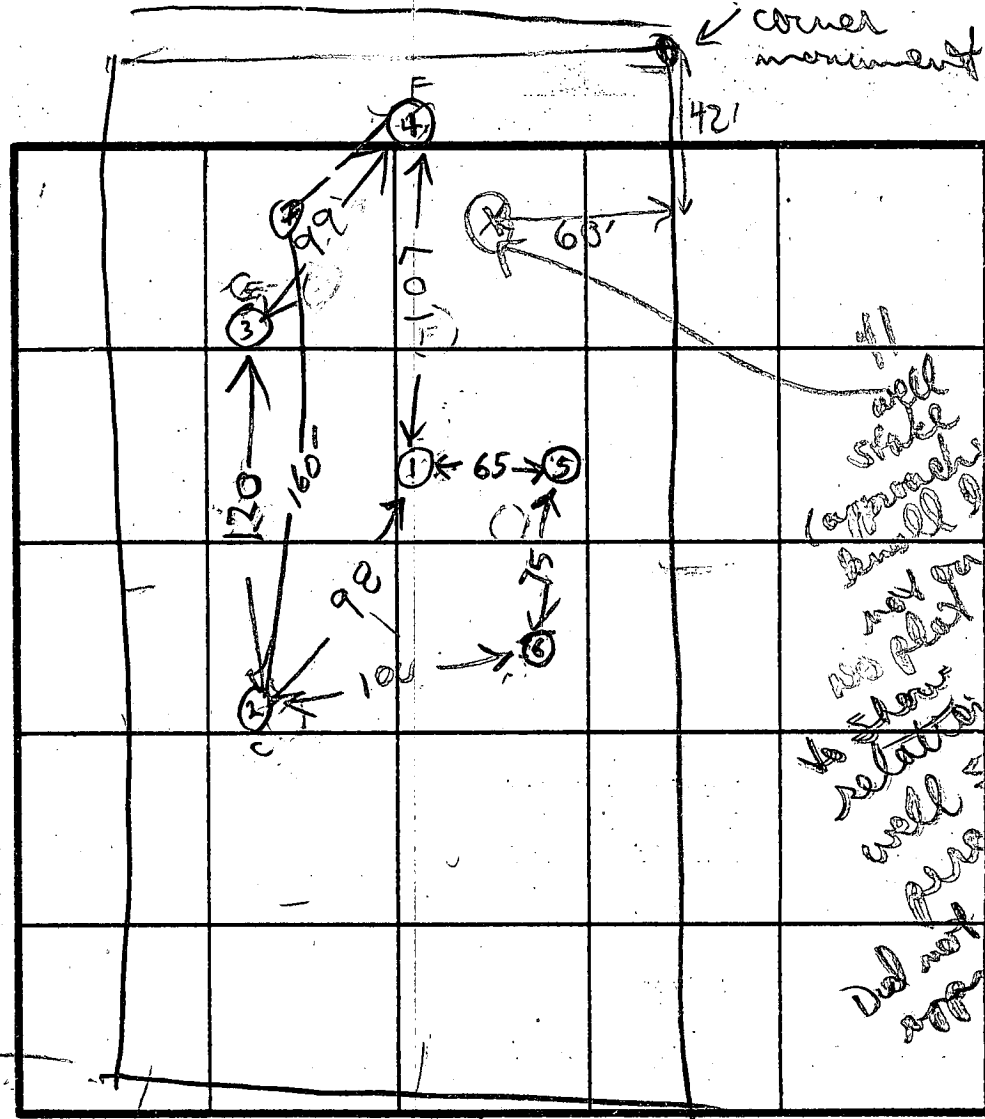
REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

ROUTE 108

SOIL PROFILE

| |
|--|
| AP |
| RED BROWN CLAY LOAM E VEINS OF SAND <10% SAPROLITE |
| SAND LOAM Yellow BROWN <10% SAPROLITE |



| | |
|---|---|
| 4 | F |
| 1 | M |
| 2 | C |
| 3 | |
| 4 | |
| 5 | |

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

HOLE ELEVATION
 ④ HIGHEST
 ⑤ LOWEST
 ⑥ LOW
 ②③ MEDIUM

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|---------|-----------|--------|----------------|--------------------|-----------------------------|------|------|
| | | | START | STOP | START | STOP | |
| 7/25/85 | 75 m (13) | 5 9 | 11:14 11:14 | 11:34 - 11:44 - | NO movement <1" movement | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

REMARKS HOLES NOT DUG PER SURVEYOR PLAT

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

EH-12-1079

HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.
COUNTY HEALTH OFFICER



Bureau of Environmental Health
3525 Ellicott Mills Drive
Ellicott City, Maryland 21043

Director - 461-9956
Water & Sewerage, Permits - 461-9933
Community Environmental Health - 461-9944
Technical Services - 461-9955

August 21, 1987

Mr. Richard Gambrill
c/o Jerry Nargiz
10840 Little Patuxent Parkway
Suite 100
Columbia, Maryland 21044

RE: Gaither Farms - Lot 3
Gaither Farm Road

Dear Mr. Gambrill:

This is to advise that the above referenced property passed the standard percolation test on July 25, 1985 and is considered a buildable lot.

This is to advise that the well for the above referenced lot was constructed in accordance with the well construction regulations (COMAR 10.17.13). The well grouting and yield testing procedures were inspected and approved on May 12, 1987.

The yield test indicated a flow rate of 15 gallons per minute.

If you have any questions regarding this matter, please call me at 461-9933.

Very truly yours,

Craig Williams

Craig Williams, Director
Water and Sewerage Program

OW:JR

Mike - 2:15 PM
7/21/88
I called Mr. Williams
spoke with his assistant,
Jane - who said this
letter is fine & go ahead
we're this.
Jerry

57" W

1" = 30'

LOT 3

GAITHER FARM

WELL IS TOO CLOSE
TO SEPTIC

PLEASE DISCUSS DESIGN

MIKE RICH

CALL 520-3415

H 531-2272

O 531-5126

STUE HORWATH

588-5696

375.00'

30.0'

59°

59°

65°

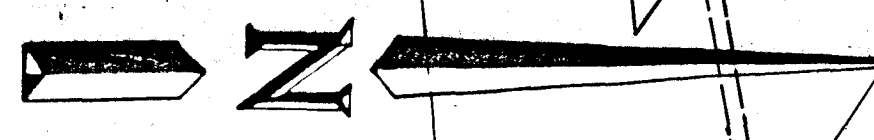
45°

PIPE

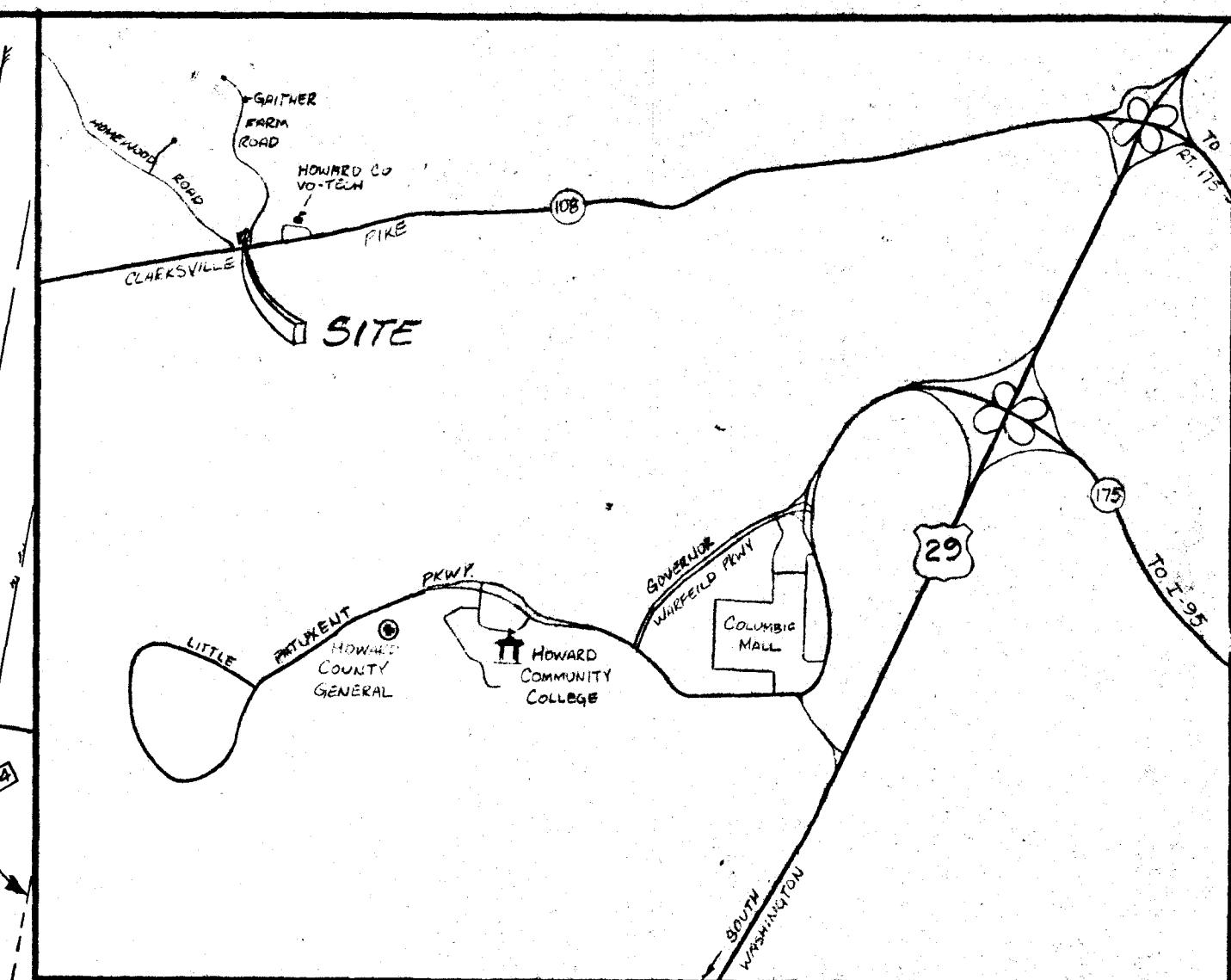
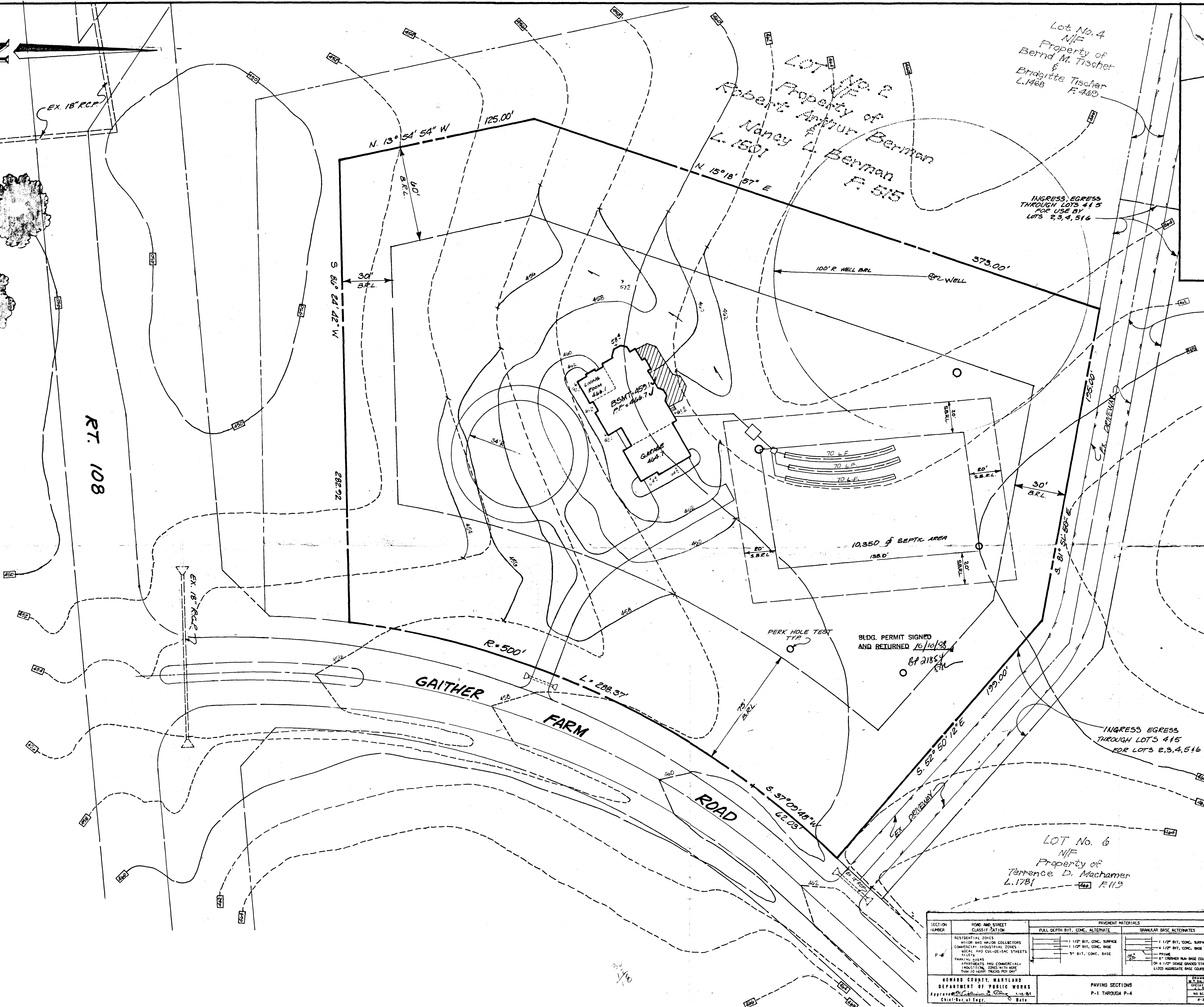
45°

30'

58° 51' 00" E



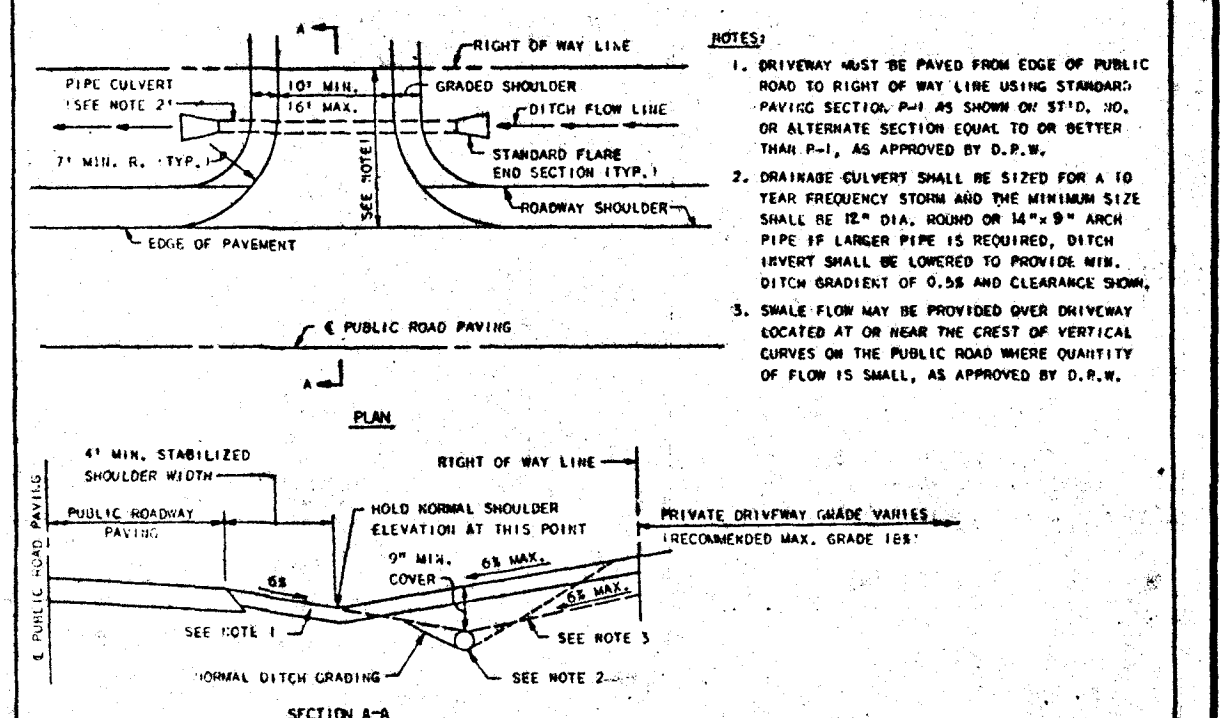
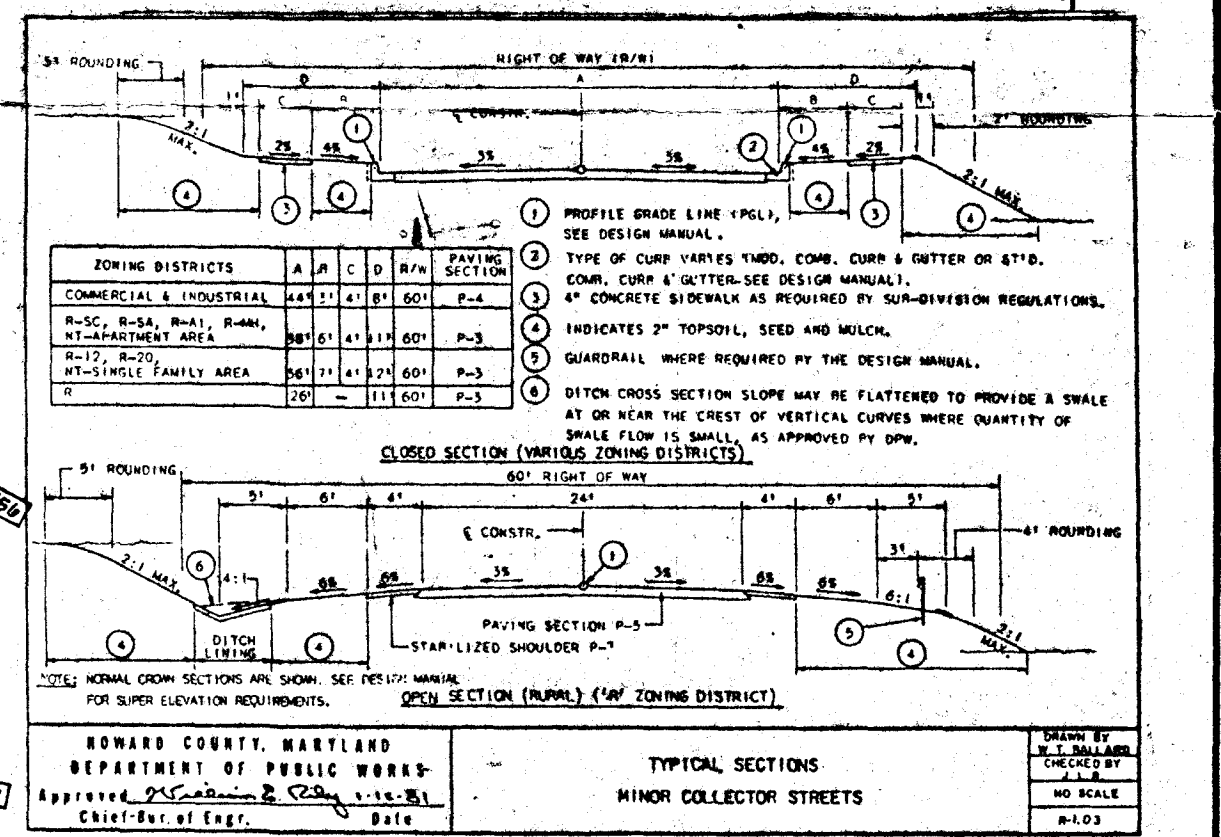
RT. 108



VICINITY MAP

SEPTIC TANK INFORMATION
 INVERT ELEVATION OUT OF HOUSE = 462.1 ✓ BSMT
 EXISTING ELEVATION AT SEPTIC TANK = 462.8 ✓
 INVERT ELEVATION INTO SEPTIC TANK = 459.7 ✓
 INVERT ELEVATION OUT OF SEPTIC TANK = 459.4 ✓

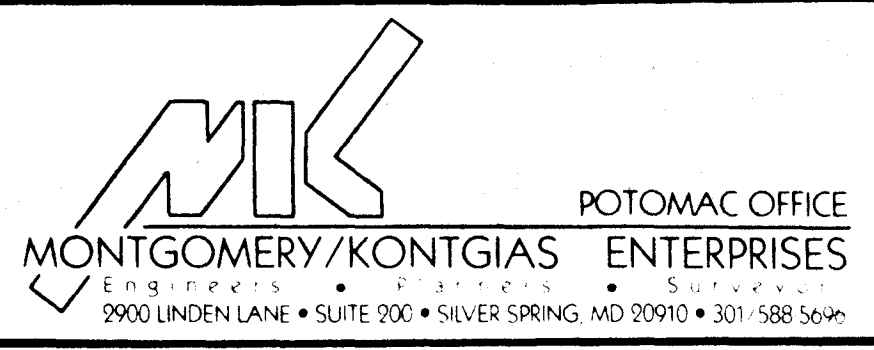
SEPTIC FIELD INFORMATION
 EXISTING ELEVATION AT DISTRIBUTION BOX = 462.7 ✓
 INVERT ELEVATION INTO DISTRIBUTION BOX = 459.2 ✓
 EXISTING ELEVATION AT 1ST TRENCH = 462.7 ✓
 INVERT ELEVATION INTO 1ST TRENCH = 458.7 ✓
 EXISTING ELEVATION AT 2ND TRENCH = 462.4 ✓
 INVERT ELEVATION INTO 2ND TRENCH = 458.4 ✓
 EXISTING ELEVATION AT 3RD TRENCH = 462.1 ✓
 INVERT ELEVATION INTO 3RD TRENCH = 458.1 ✓
 TOTAL LENGTH OF THE THREE TRENCHES = 270' ✓
 NOT SUFFICIENT FOR HOUSE



| SECTION NUMBER | ROAD AND STREET CLASSIFICATION | PAVEMENT MATERIALS |
|----------------|--|---------------------------------|
| P-1 | RESIDENTIAL ZONES | FULL DEPTH BIT. CONC. ALTERNATE |
| | MINOR AND MAJOR COLLECTORS | 1 1/2" BIT. CONC. SURFACE |
| P-2 | COMMERCIAL INDUSTRIAL ZONES | 1 1/2" BIT. CONC. BASE |
| | SCHOOL AND COLLEGE-STREETS | 1 1/2" BIT. CONC. BASE |
| P-3 | PARKING PLAZAS | PRIME |
| | APARTMENTS AND COMMERCIAL-INDUSTRIAL ZONES WITH HIGH TRAFFIC | PRIME |
| P-4 | INDUSTRIAL ZONES WITH HIGH TRAFFIC | PRIME |
| | INDUSTRIAL ZONES WITH HIGH TRAFFIC | PRIME |

SITE PLAN
GAITHER FARM LOT No. 3
 HOWARD COUNTY, MARYLAND
 3RD ELECTION DISTRICT

OWNER: THE PICH CORPORATION
 13200 SKY WAY
 ELLICOTT CITY, MD 21043
 (301) 531-5126
 Design: [Signature] Sheet 1 of 1
 Draft: MM Date: Aug. 88 Job: 88-152-421
 Approved: [Signature] Scale: 1" = 30' File: 88-152-121



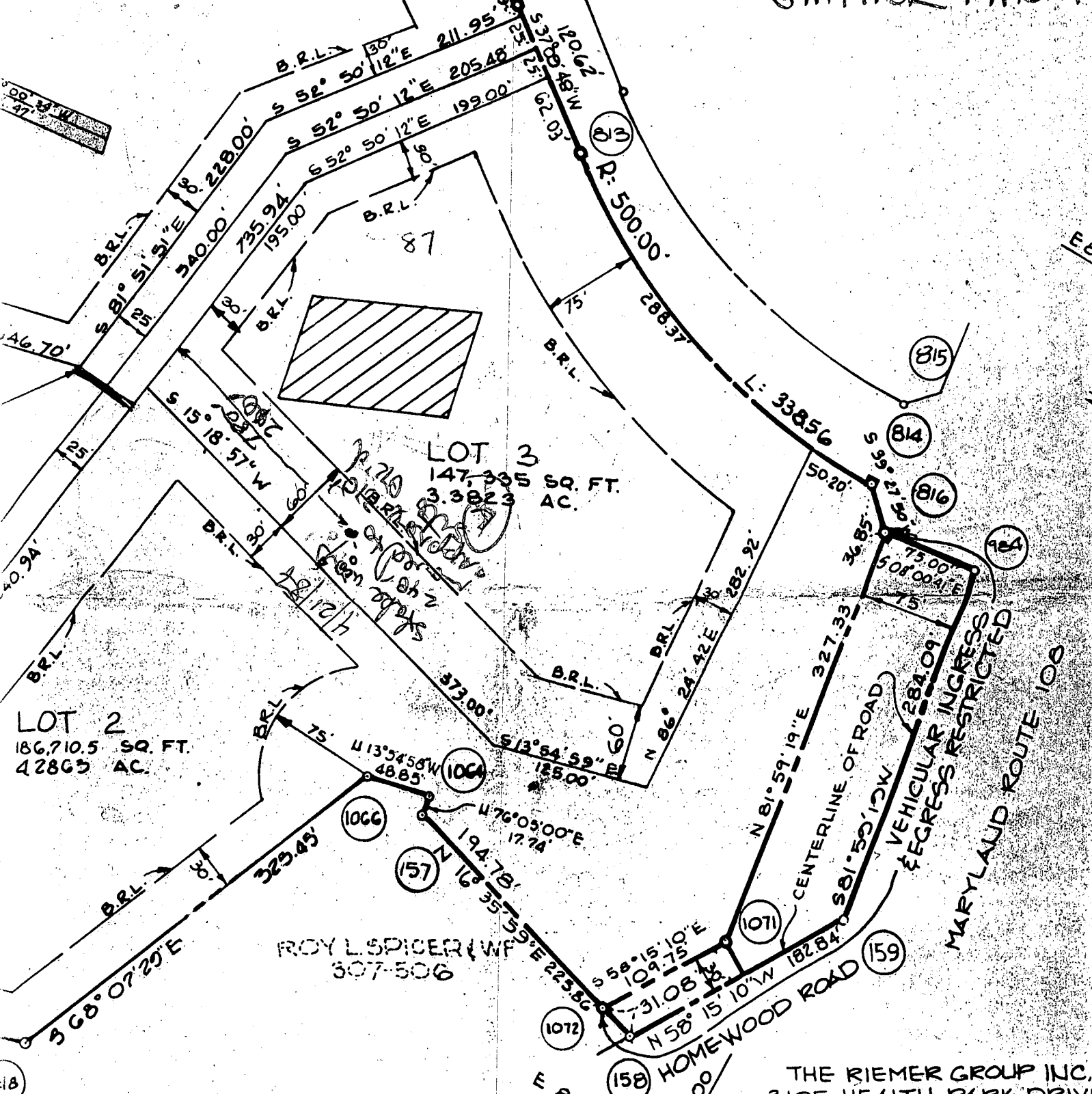
| By | Date | REVISIONS |
|----|------|-----------|
| | | |
| | | |

SHEET 4

LOT 1

GATHER FARM

LOT 6
63,800 SQ. FT.
1.4560 AC.



LOT 3
147,335 SQ. FT.
3.3823 AC.

LOT 2
186,710.5 SQ. FT.
4.2863 AC.

ROY L. SPICER (WF)
307-506

MARYLAUD ROUTE 106
VEHICULAR INGRESS
EGRESS RESTRICTED

THE RIEMER GROUP INC.
3105 HEALTH PARK DRIVE
ELLICOTT CITY MARYLAND

May 15, 1987

Residential Urban Systems, Inc.
10840 Little Putuxent Parkway, Suite 300
Columbia, Maryland 21044

Howard County Health Dept. #A35706
State of Maryland #Ho-81-2058

Gaither Farm, Lot #3, Gaither Farm Road

LOG OF DRY HOLE - 135 Feet

| | | | |
|---------------------------|----|-----|----------|
| Dirt | 0 | 1 | |
| Brown & Red Clay, Soft | 1 | 12 | |
| Soft Brown Mica & Sand | 12 | 60 | <u>X</u> |
| Soft Brown Mica & Sand | 60 | 90 | <u>X</u> |
| Soft Brown Clay & Sand | 90 | 135 | |

5 Bags Cement to
Backfill