

11/1/01  
10AM+later

ISSUE DATE: 10/22/01

# PERMIT

P 516085-A

APPROVAL DATE: 11/8/01

A REPAIR

## ON-SITE SEWAGE DISPOSAL SYSTEM HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

03-305082

INDEXED

South Carroll Backhoe IS PERMITTED TO INSTALL  ALTER

ADDRESS: 4410 Salem Bottom Rd, 21157 PHONE NUMBER: 410-875-4197

SUBDIVISION: Annandale LOT NUMBER: 13

ADDRESS: 13374 Grinstead Road PROPERTY OWNER: Kevin O'Brien

SEPTIC TANK CAPACITY (GALLONS): \_\_\_\_\_

PUMP CHAMBER CAPACITY (GALLONS): N/A

NUMBER OF BEDROOMS: 4

Stone 3.5'-10'

SQUARE FEET PER BEDROOM: 195

LINEAR FEET OF TRENCH REQUIRED: 120

TRENCHES:	Trench to be <u>2</u> feet wide. Inlet <u>3.5</u> feet below original grade. Bottom maximum depth <u>10</u> feet below original grade. Effective area begins at <u>3.5</u> feet below original grade. <u>6.5</u> feet of stone below distribution pipe.
LOCATION:	
PURPOSE:	Existing dry well is failing. Call when ground is opened so sanitarian can recommend repair.

PLANS APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_

NOTE: PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL

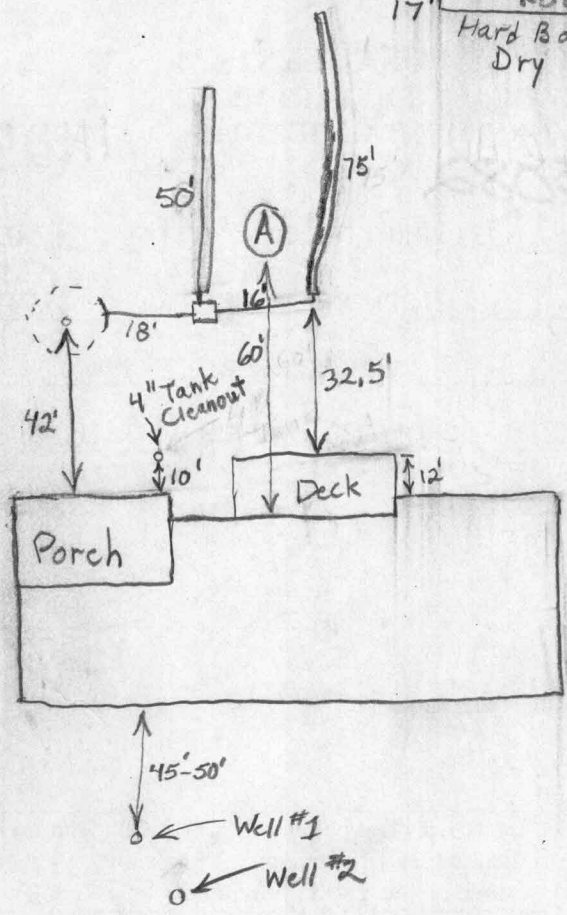
NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

P 016085-A

7.0' ~ 4 min  
 4.5' ~ 12 min  
 6.5' ~ 12 min  
 NOT TO SCALE

3' Red Br Cl Loam and Topsoil  
 or Br Sa cl Loam  
 6' Red Br Sa Cl Loam  
 8.5'-9' Light Br Sa Loam  
 Very Little Rock  
 17' Hard Bottom Dry



**TRENCH DATA**  
 TRENCH WIDTH 2'  
 TRENCH INLET DEPTH 3.5'  
 TRENCH BOTTOM DEPTH 10'  
 DEPTH OF STONE 6.5'  
 NUMBER OF TRENCHES 2  
 TOTAL TRENCH LENGTH 125'  
 ABSORBENT AREA 812 sq ft.  
 DISTRIBUTION BOX LEVEL Yes  
 BAFFLE IN DISTRIBUTION BOX Yes

**SEPTIC TANK DATA**  
 SEPTIC TANK Existing 1500? GALLONS  
 MANHOLE RISER No  
 6 INCH INSPECTION PORT 4"  
**PUMP CHAMBER DATA** N/A  
~~PUMP CHAMBER GALLONS \_\_\_\_\_~~  
~~MANHOLE RISER \_\_\_\_\_~~  
~~ALARM \_\_\_\_\_~~  
~~PUMP PERFORMANCE TEST \_\_\_\_\_~~

Grinstead Court

PRE-CONSTRUCTION INSPECTION: \_\_\_\_\_

INSPECTION COMMENTS: 11/8/01 O.K. to cover (BB)

INSPECTOR B. Baker DATE SYSTEM APPROVED 11/8/01

12/17/84  
3:30 P.M.  
12/10/84  
2 Sept

Septic Spn  
Approved  
12-10-84  
S.Mel

# PERMIT

P 34295  
A 24173

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
992-2330

ELLICOTT CITY  
DISTRICT 3rd  
DATE 8/30/84

INDEXED

Paul Schissler IS PERMITTED TO INSTALL  ALTER

ADDRESS 4410 Salembottom Road, Westminster, MD 21157 PHONE 975-4197

SUBDIVISION Annandale ROAD 13374 Grinstead Road LOT 13, Sec. 2

PROPERTY OWNER Ronald F. Schrauder Kevin O'BRIEN  
ADDRESS 4111 Buckingham Road  
Rockvale, Maryland

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

BLDG. PERMIT SIGNED  
AND RETURNED 8/20/84  
Serial # 60216 - SFD

Absorbant area per bedroom 140 sq. ft. Dry well inlet 2' - 4' below original grade. Maximum depth 7' - 10' below original grade. Absorbant area in dry well 288 sq. ft. Locate the dry well 130 feet from rear of lot. No more or less than 10 feet from lot 14. Trench inlet 3 feet below original grade. Maximum depth 9 feet and 70 feet long. Start the trench 28 feet from lot 14 and run on contour towards left rear lot. Call for two inspections - before and after gravel is installed.

JG. PERMIT SIGNED  
AND RETURNED 12-1-98  
Serial # 10115221  
In Law Addition

BLDG. PERMIT SIGNED  
AND RETURNED 8/19/92  
Serial # 45066 -  
addition -

PLANS APPROVED BY David J. O'Neill DATE 12/19/77

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.

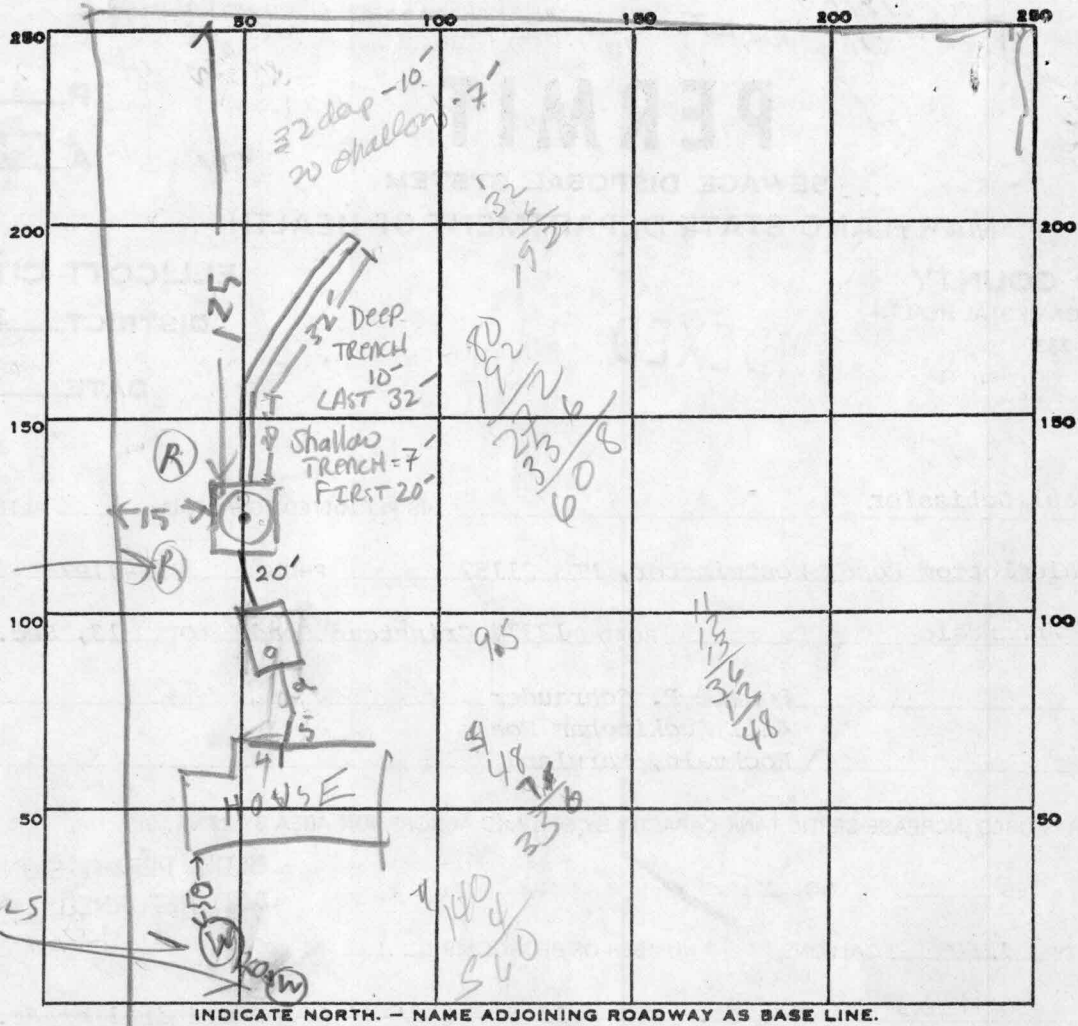
PERMIT VOID AFTER THREE YEARS.

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 APROVAL ON THIS PERMIT

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

A  
24173



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

GRINSTEAD CT

PERMIT CARD

SEPTIC TANK, LEVEL OK 1500  
 TOP 1 FT BELOW GRADE  
 DISTRIBUTION BOX, LEVEL

CLEANOUTS OK

TILE FIELD, DEPTH 7-10 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 4-6 FEET TOTAL LENGTH 52 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 272

dry well 336 ft<sup>2</sup>

SEEPAGE PITS, INSIDE DIAMETER 48 FT. DEPTH BELOW INLET 7 FT.

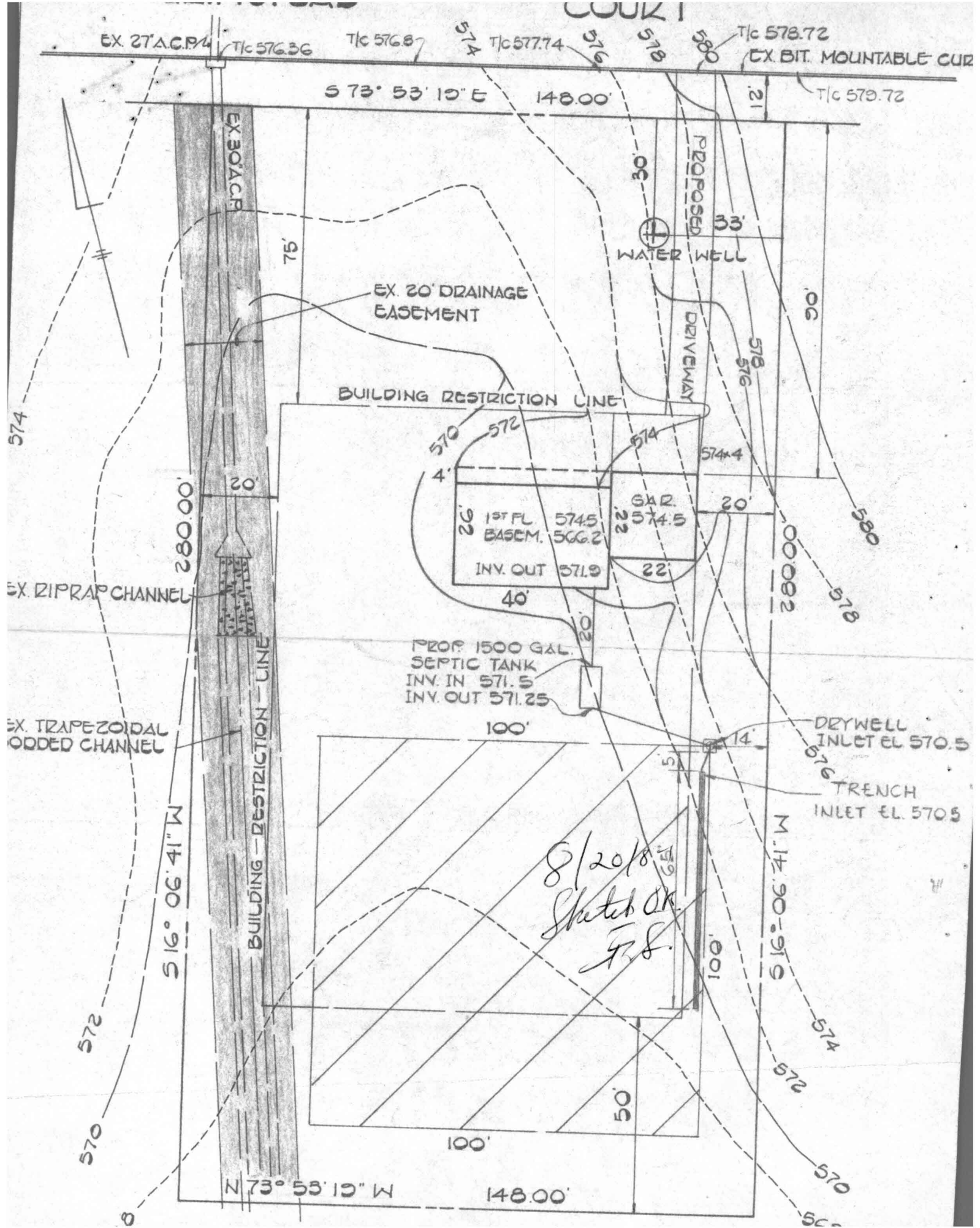
ABSORBENT AREA 608 SQ. FT.

REMARKS 12/7/84 - DW MOVED SLIGHTLY BECAUSE OF ROCK  
DRY WELL HOLE 9 1/2 FT IS OK. COVER TANK  
FINISH DW & DIG DITCH RH

DATE SYSTEM APPROVED

12-10-84

Site Alol



8/20/18  
 Sketch OK  
 J.S.

*preliminary*  
4-13-76  
EX 10, 2004

# APPLICATION

A 24173

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 9/21/76

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 Fred James Pipes Ronald F. Schrauder

ADDRESS 13555 Old Frederick Road, Sykesville, Md. 4111 Buckingham Road  
Rockvale, 21784 Md PHONE 484-9506

PROPERTY LOCATION:  
SUBDIVISION Annandale LOT NO. 16

ROAD AND DESCRIPTION 13374 Grinstead Road

SIZE OF LOT 40,600 sq. ft. TYPE BLDG. 3 or 4

IF NOT SINGLE RESIDENCE DESCRIBE single family dwelling

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

SIGNATURE OF APPLICANT /s/ Fred James Pipes

APPROVED BY Paul J. O'Neil FOR DW + T. and DATE 12/19/79  
(KIND OF SYSTEM)

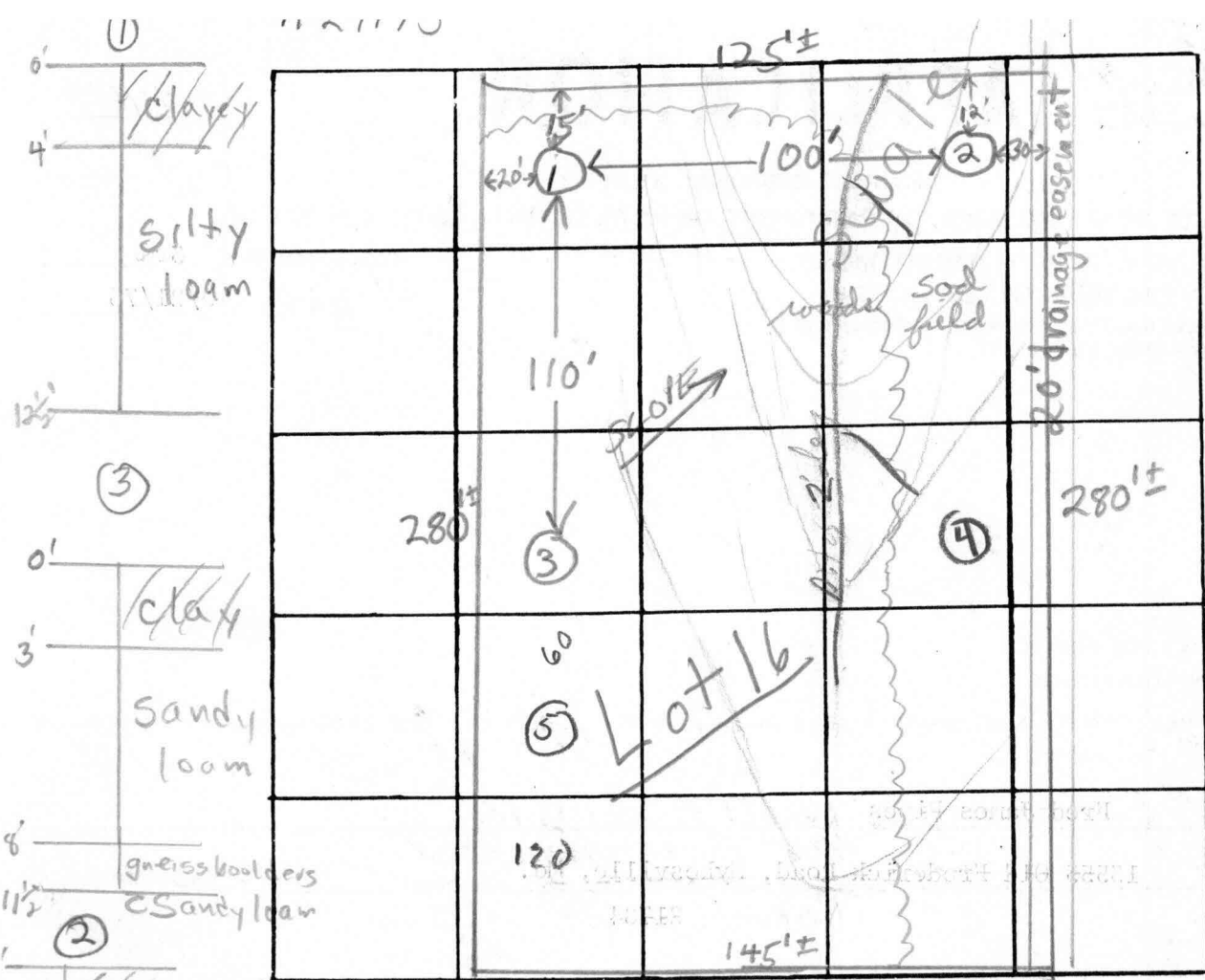
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS F. Schrauder DATE 10/22/76

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

BLDG. PERMIT SIGNED  
AND RETURNED 12/18/79  
Serial # 60216 SF10

# THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

# Grinstead Court

DATE	TEST NO.	DEPTH	PRE-WET (50%)		TEST: 1" DROP		TIME
			START	STOP	START	STOP	
10/22/76	1	4 1/2'	10:00	10:03	10:03	10:07	4 min
	1A	12 1/2'	10:01	10:08	10:08	10:19	10 min
	2	5'	10:11	10:21	10:21	10:33	12 min
	2A	13'	10:13	~11:05	pulled peg overmin		FAILS
	3	3 1/2'	11:22	11:25	11:25	11:30	5 min
	3A	11 1/2'	11:20	11:32	11:32	pulled peg at 12:18 1/2" drop	Sandy loam at 3'
	3B	11 1/2'	11:57	pulled peg 12:20	12:20	1/2" drop	FAILS

REMARKS \_\_\_\_\_

TYPE OF SOIL sandy loam & clay loam below top 3' clay

TESTED BY F.S. ALSO PRESENT: Pipes et al

# APPLICATION

A 24173

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  
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DISTRICT 3rd

DATE 9/21/76

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21784

PROPERTY LOCATION:

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ROAD AND DESCRIPTION Grinstead Road

SIZE OF LOT 40,600 sq. ft. TYPE BLDG. 3 or 4

NUMBER OF BEDROOMS

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SIGNATURE OF APPLICANT /s/ Fred James Pipes

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

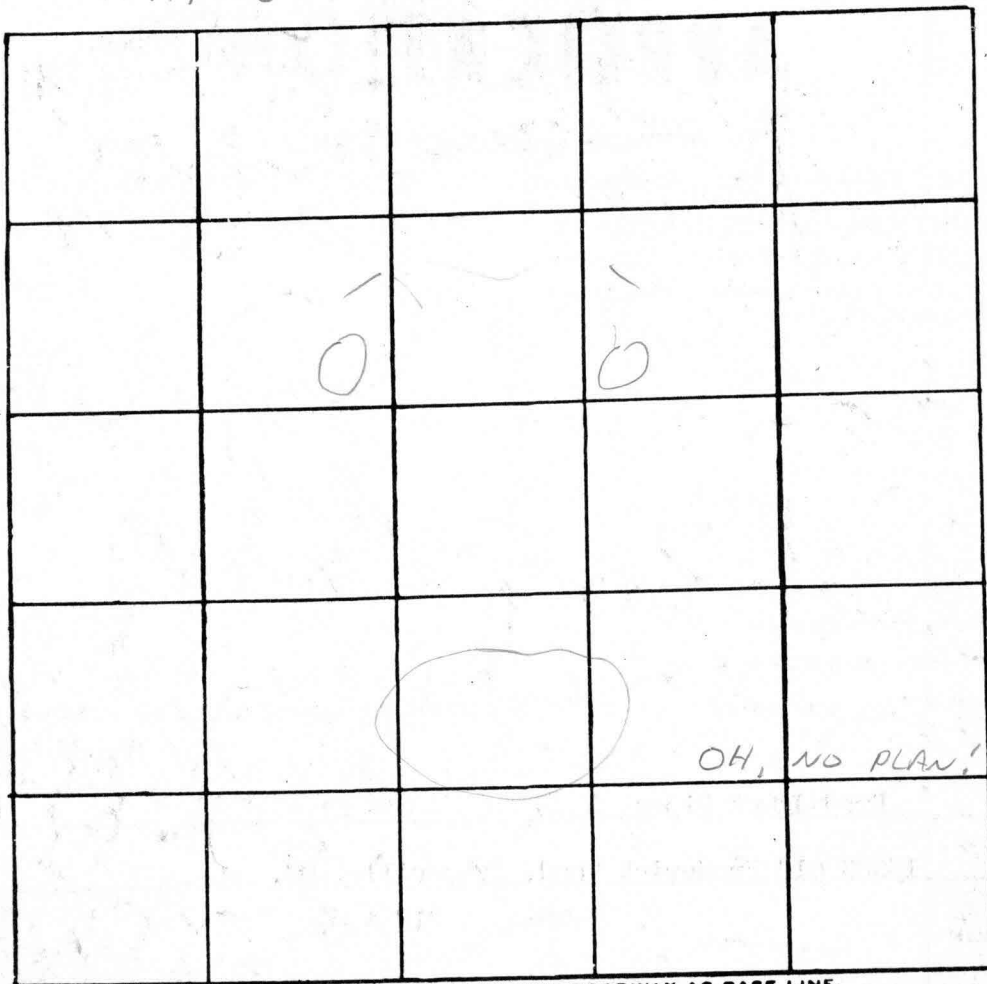
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT

A 24113



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

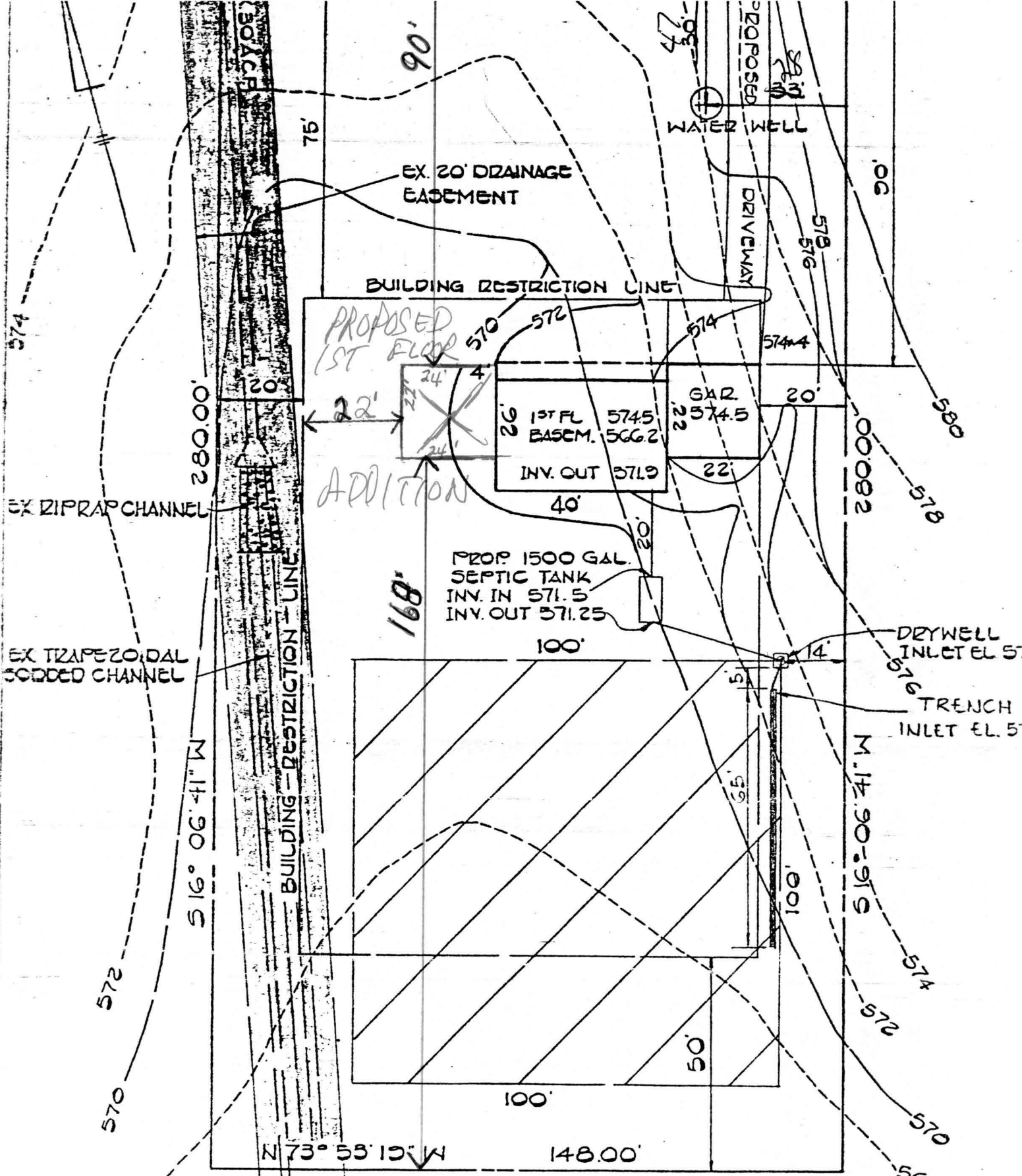
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/3/9	23	3'6"	1025	1036	1036	1044	8
	d	11'6"	1025	1036	1036	1055	19
	45	8'	1026	1036	1036	1036	4
	d	13'	1026	1036	1036	1104	28
	5	11'	have				

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY \_\_\_\_\_ ALSO PRESENT: \_\_\_\_\_

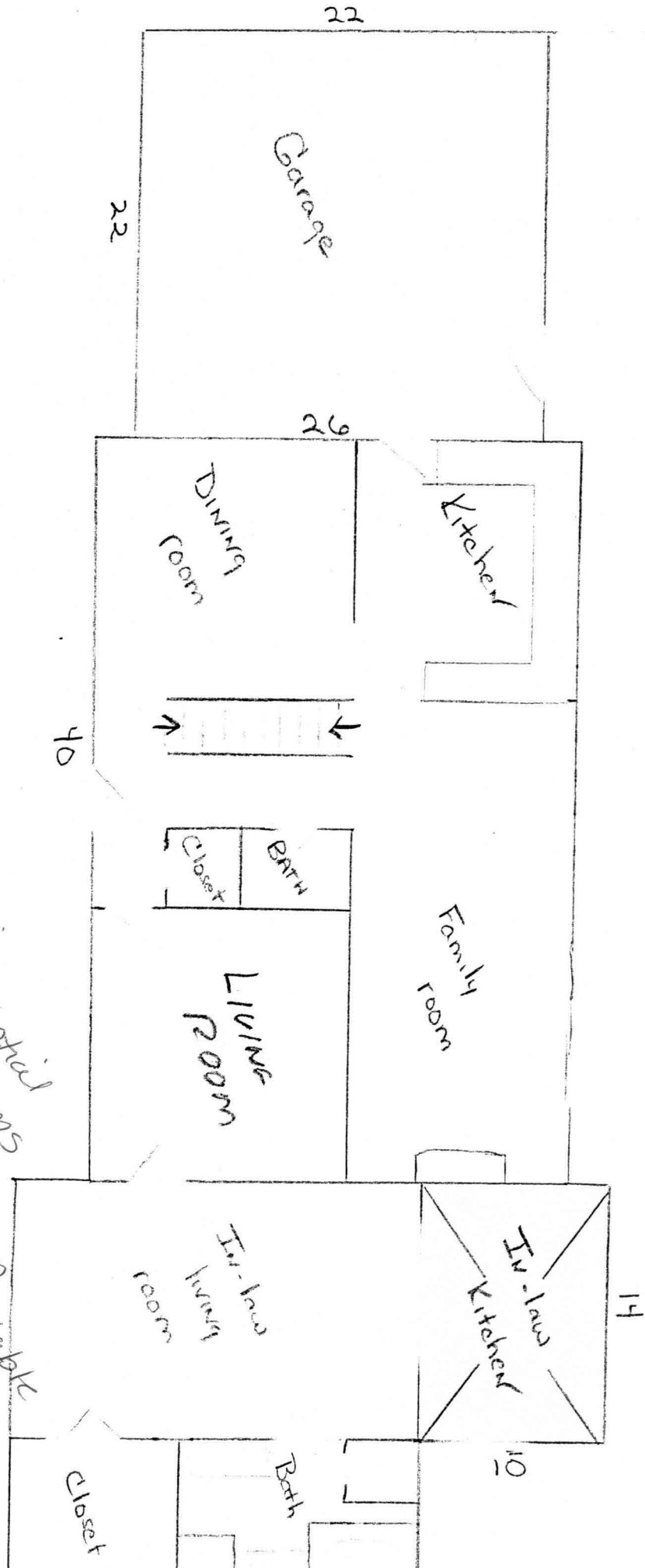




8/18/92  
 PLANS OK TO SIGN  
 BP 45066  
 R L I

FISHER, COLLINS AND CARTER, INC.  
 CONSULTING ENGINEERS AND LAND SURVEYORS

PLAN TO ACCOMPANY APPLICATION  
 FOR BUILDING PERMIT  
 ANNANDALE SEC 2 LOT 13

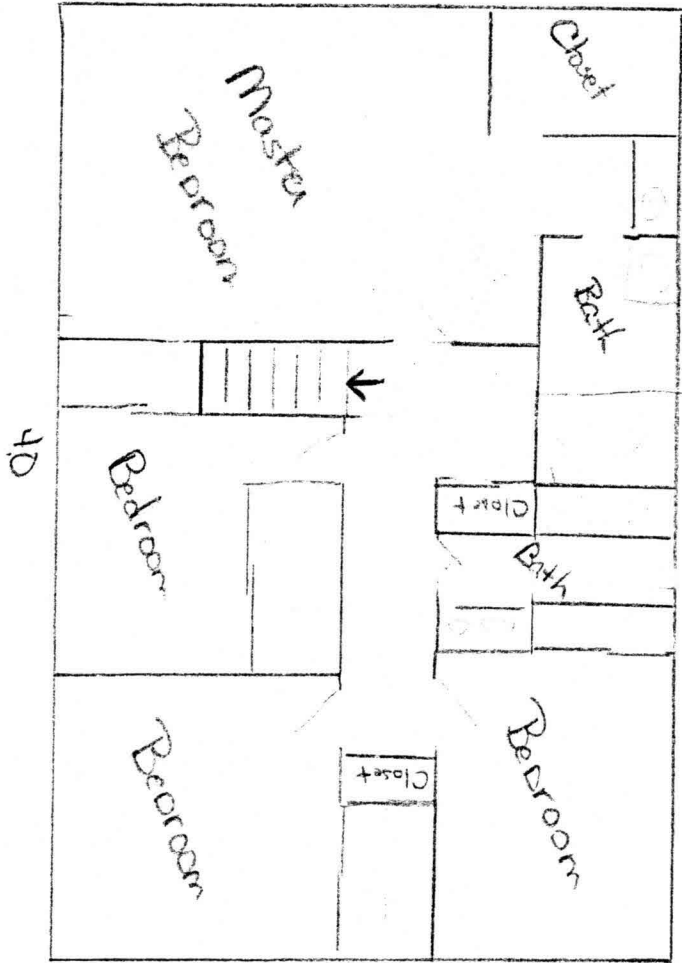


1st Floor

12/1/98  
 Show kitchen addition  
 will ~~raise~~ no increase in potential  
 sewage flow. number of bedrooms  
 remains the same. Appears this  
 number could be 5, with a 4 bdrm  
 septic installed but this is debatable  
 and appears to be of little  
 nonseq bnce to overall  
 sewage potential

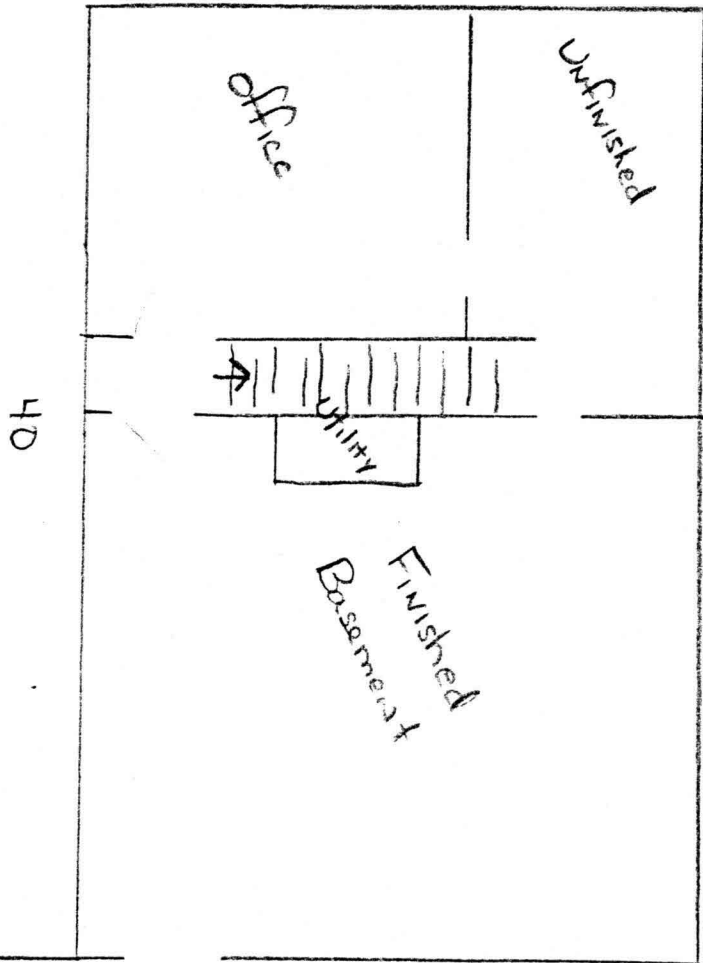
460  
 11/1/98  
 G. Lee

26



2nd Floor

26



40



Finished  
Basement

Unfinished

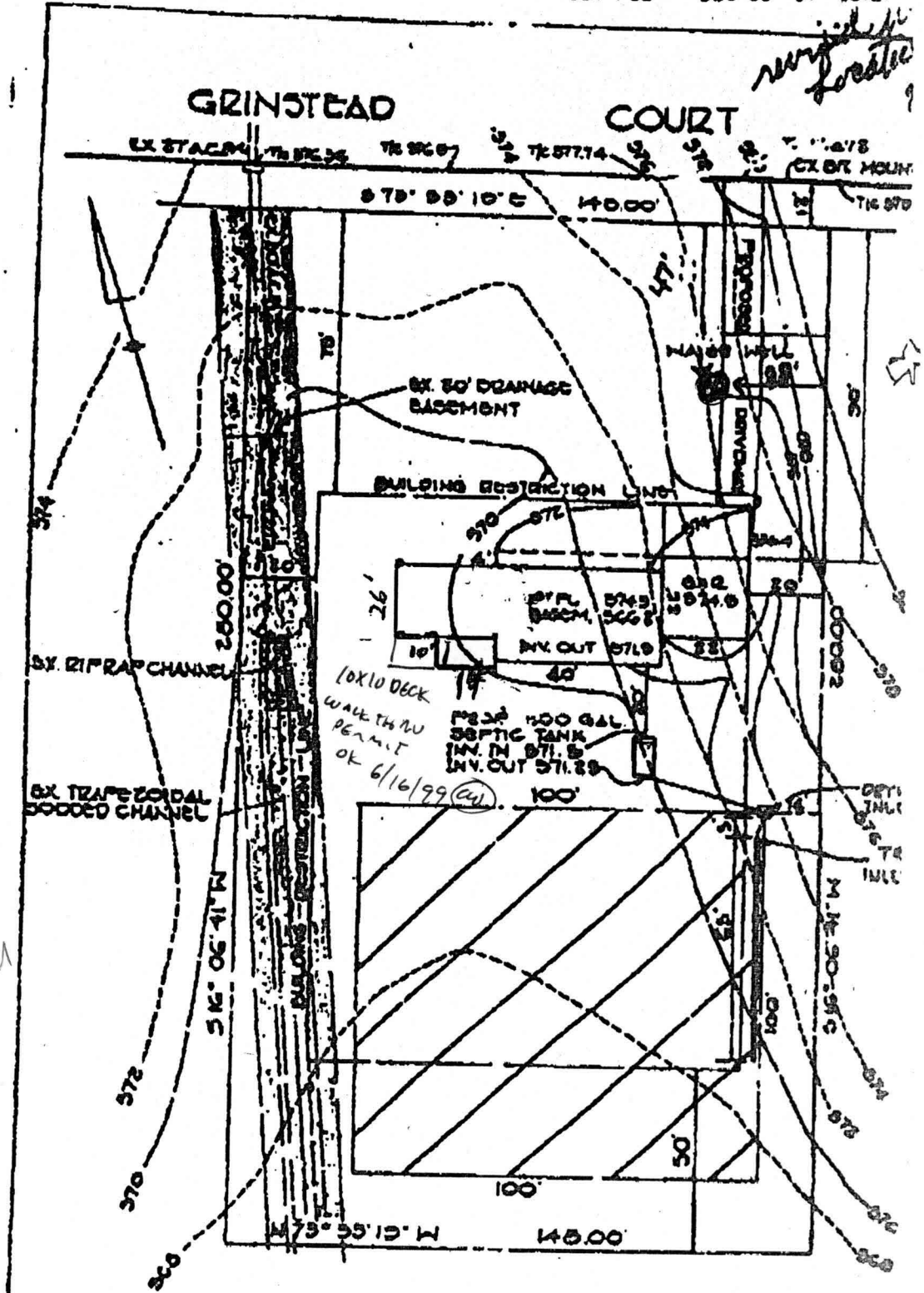
Unfinished

23 1/2

22

Basement 1

*revised location*



*12/1/98  
Kitchen  
addition  
approved*

FISHER, COLLINS AND CARTER, INC.  
CONSULTING ENGINEERS AND LAND SURVEYORS  
8368 COURT AVENUE  
ELLICOTT CITY, MARYLAND 21043

PLAN TO ACCOMPANY APPL  
FOR BUILDING PERMI  
ANNANDALE SEC. 2, L.  
BRO ELECTION DISTRICT, HOW.  
SCALE: 1" = 30'