

1-22-88  
1/22/88  
ASAP  
11:30

40818

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### MARYLAND STATE DEPARTMENT OF HEALTH

**HOWARD COUNTY**  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

P \_\_\_\_\_

A 31899

DISTRICT 3rd

DATE 1/13/88

DATE SYSTEM APPROVED 1-22-88

INSPECTOR JEN

# INDEXED

Paul Schissler/South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 875-4197

SUBDIVISION Boswell Property ROAD 11755 Old Frederick Rd LOT 9 LOT 15?

PROPERTY OWNER Danny Wright David + Lynn Thomas

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES \_\_\_\_\_ NO

or 4? 4150 A  
41600  
200

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

**TRENCHES** - 200 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** - Beginning from the right front lot corner, place the 1st trench 530 feet down the right (793.96') lot line and 30 feet off the right line as seen when facing property from Route 99. Run trenches along contour towards rear (123.47') lot line.

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

PLANS APPROVED BY Bert Nixon DATE 11/12/87

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.

BLDG. PERMIT SIGNED  
AND RETURNED 7-9-87  
Serial # 200106707  
BLDG. PERMIT SIGNED  
AND RETURNED 6/13/89  
Serial # 20826

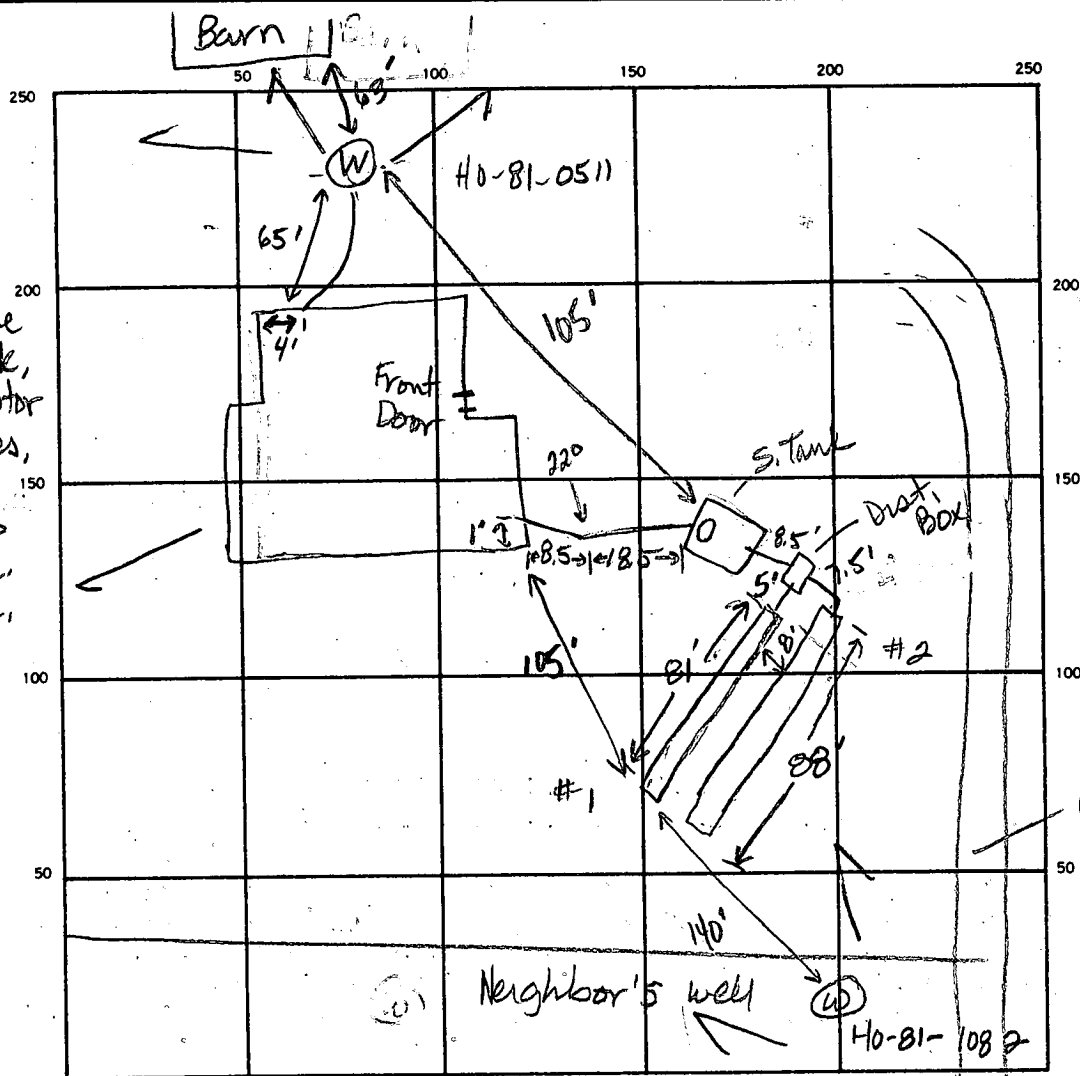
**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 31899

1-21-88  
 well line covered in trench. House connection ok, Pitless adaptor at 60 inches, Ground line connected to well casing, JE Nadeau.



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

Old Frederick Road

SEPTIC TANK. LEVEL 1500 gal CLEANOUTS 1 on septic tank

DISTRIBUTION BOX. LEVEL ok w/ baffle

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

EFFECTIVE GRAVEL DEPTH 4 4 FT. TOTAL LENGTH 81 88 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 324 352 SQ. FT.

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 676 SQ. FT.

REMARKS 1-21-88 OK to add stone, pipe & paper to trench #1. OK to cover line to septic tank and distribution box. JEN 1-21-88 OK to cover trench #1. Add baffle to distribution box. JEN 1-22-88 OK to add stone, pipe & paper to trench #2. JEN 1-22-88 OK to cover all work. JEN

DATE SYSTEM APPROVED 1-22-88 INSPECTOR Jane E. Nadeau



HOWARD COUNTY HEALTH DEPARTMENT  
 Bureau of Environmental Health  
 3525-H Ellicott Mills Drive  
 Ellicott City, MD 21043  
 461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation   
 Replacement

Receipt # 40900  
 Date 1/28/88

Name of Installer Robert O. Belt + B INC

Telephone 833-1577

License Number 9970

Certified Well Pump Installer  Well Driller  Registered Plumber

Name of Property Owner Daniel Wright

Telephone \_\_\_\_\_

Subdivision \_\_\_\_\_ Lot # 9

Well Tag # HO-01-0501

Site Address 11755 OLD FREDERICK RD

- Pump**
- Type
    - Deep well jet \_\_\_\_\_
    - Shallow well jet \_\_\_\_\_
    - Submersible
  - Make Coolds
  - Model # TEH05412
  - Capacity 12 GPM
  - Pump exceeds well capacity Yes \_\_\_\_\_ No
  - If Yes, is low pressure cutoff switch installed? Yes \_\_\_\_\_ No \_\_\_\_\_
  - What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors  Cable guards  Other \_\_\_\_\_

- Motor**
- Horsepower 1/2
  - RPM 1750
  - Voltage 220
    - 110 \_\_\_\_\_
    - 220

- Pitless Adapter**
- Make CAMPBELL
  - Model # B-10X
  - Depth 48"

- Tank**
- Capacity 12 gal drawdown
  - Pressure relief valve? yes

- Piping**
- Type POLYETHYLENE
  - Size 1"
  - NSF and/or BOCA Code approved YES
  - Depth of supply line 48"

- Well data**
- Depth 103 ft.
  - Yield 15 GPM
  - Static water level 18 ft.
  - Will water supply be disinfected by installer? YES

Pitless Adapter OK  
 5' B-G. ~~IN~~ 1/21/88

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant Thomas W. Spred

Date 1-20-88

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

# APPLICATION

A31899

P \_\_\_\_\_

## SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 3

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 468-8000, EXT. 356

DATE April 21, 1982

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 Mike Boswell

ADDRESS 11805 Route 99, Marriottsville, Md. PHONE 442-1420

PROPERTY LOCATION:  
SUBDIVISION Boswell Property LOT NO. 5

ROAD AND DESCRIPTION Marriottsville Road, East of Sand Hill Road

SIZE OF LOT 9.0 acres TYPE BLDG. \_\_\_\_\_ 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 John B. Zol  
Agent

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

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

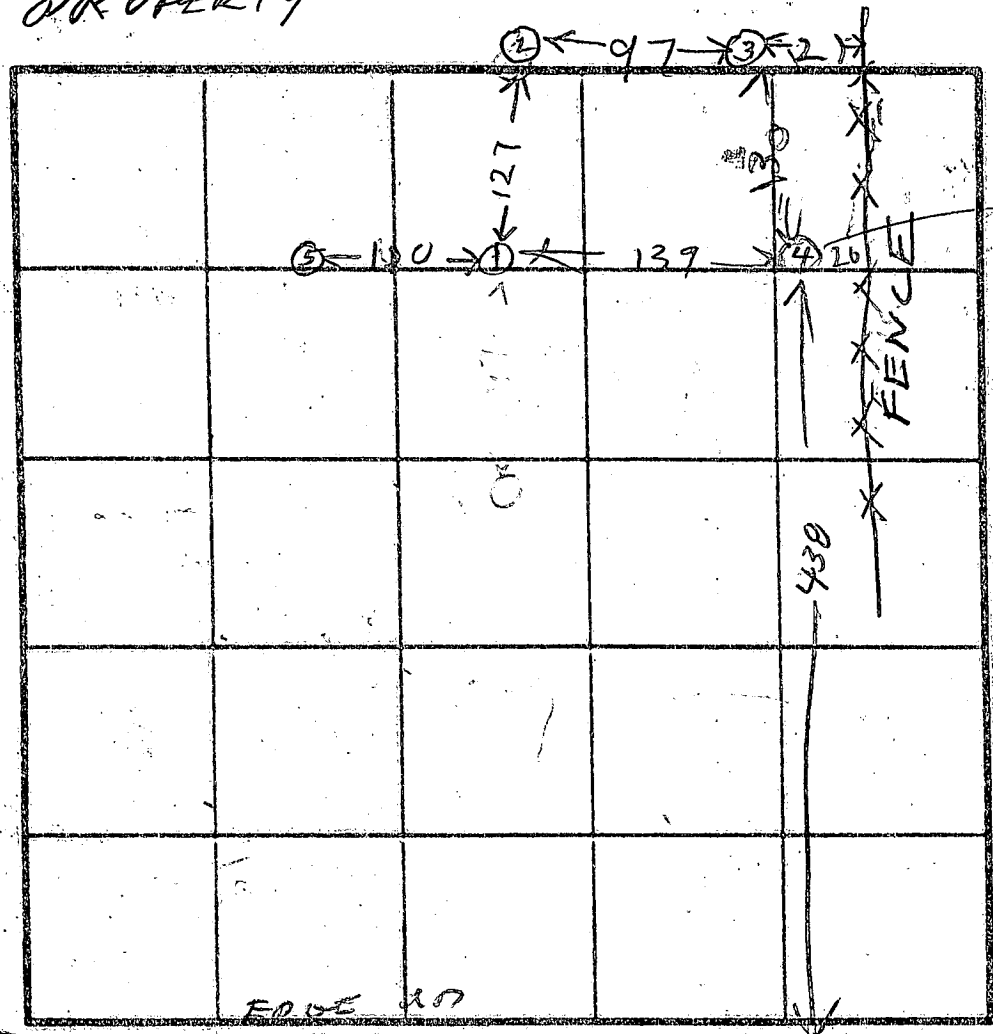
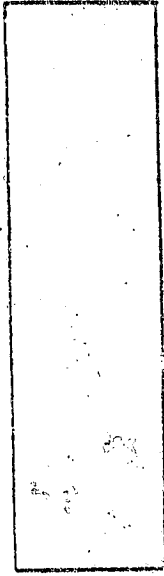
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

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

# THIS IS NOT A PERMIT

BOSWELL PROPERTY  
 LOT 5  
 A-31899

SOIL PROFILE



INDICATE NORTH NAME ADJOINING ROADWAY AS BASE LINE

ROUTE 99

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	HOLE ELEV.
			START	STOP	START	STOP		
4/22/82	1S	3 1/2	1102	1109	1109	1121	12	LOW
	1V	12 1/2	TOP	3 FT	CLAY 51			
			BOT	9 1/2	FT SANDY		Day	
	2S	4 1/2	1105	1107	1107	1114	7	LOW
	2V	12 1/2	TOP	4 FT	CLAY 151			
			BOT	8 1/2	FT SANDY		Day	
	3S	4 1/2	1112	1114	1114	1116	2	1116H
	3V	13 1/2	TOP	4 FT	CLAY 151			
			BOT	9 1/2	FT SANDY		Day	
	4S	5	1116	1120	1120	1120	8	1116H
	4V	14	TOP	4 FT	CLAY 151			
			BOT	10	FT SANDY		Day	
	5V	11	ALL WATER		CLAY 10 FT			LOWEST

4/23/82 DELAYED START NO PERC STICK IN TRUCK

BY B HODGES

HANK BOSWELL  
 BOEMER COMPANY

ALSO PRESENT



10  
PLAT 6249

N 81° 46' 35" W

475.46'

N 24° 11' 50" W  
60.25'

N 08° 13' 25" E

EXIST. BARN

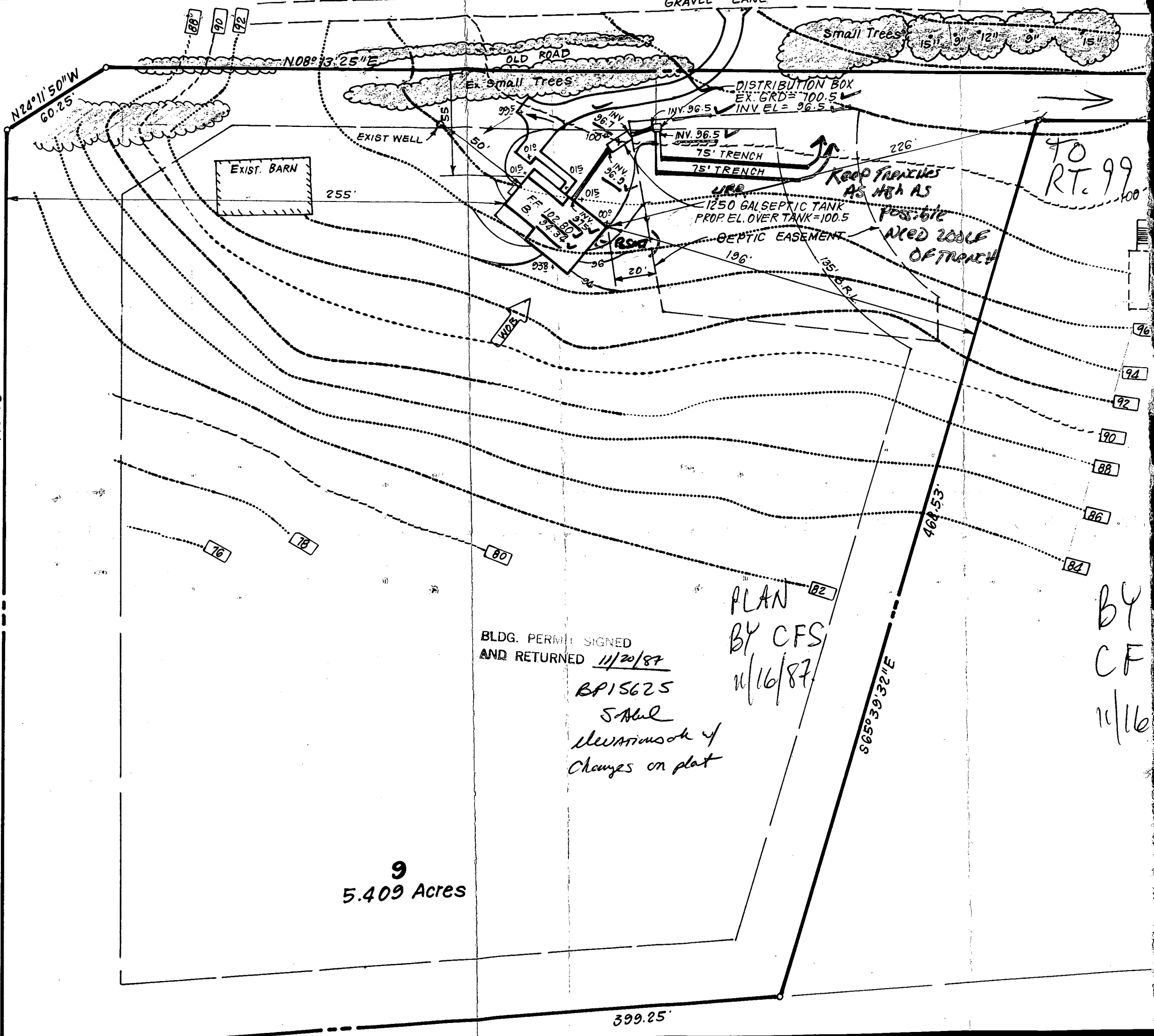
255'

9  
5.409 Acres

BLDG. PERM. SIGNED  
AND RETURNED 11/20/87  
BP15625  
5' Alul  
Elevations ok of  
Changes on plat

PLAN  
BY CFS  
11/16/87

BY  
CF  
11/16



TO  
RT. 99

GRAVEL LANE

EXIST WELL

50'

DISTRIBUTION BOX  
EX. GRD = 100.5  
INV. EL = 96.5

INV. 96.5

75' TRENCH

75' TRENCH

Keep trenches  
AS HIGH AS

URB  
1250 GAL SEPTIC TANK  
PROP. EL. OVER TANK = 100.5

SEPTIC EASEMENT

possible  
ALD 200LF  
OF TRENCH

196'

135' B.R.

226'

461.53'

S 65° 30' 32" E

399.25'

N 00° 00' 00" W

