

TAX# 05405300

PERMIT

SEWAGE DISPOSAL SYSTEM
MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

[INDEXED]

P 41932
A 37024
DISTRICT 5th
DATE 5/19/88
DATE SYSTEM APPROVED 5/19/88
INSPECTOR [Signature]

Jack Fyock IS PERMITTED TO INSTALL X ALTER

ADDRESS _____ PHONE 988-9270

SUBDIVISION The Chase ROAD 11655 Log Jump Trail LOT 29

PROPERTY OWNER James & Valerie Smith

ADDRESS _____

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

GARBAGE GRINDER? YES X NO _____

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4
220. sq. ft. per bedroom with garbage disposal.

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.5 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 170 feet down the left (537.05') lot line and 75 feet off the left lot line as seen when facing the lot from Log Jump Trail. Run trenches on contour toward the left 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. OK/CL

PLANS APPROVED BY S. Abel DATE 1/06/87

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.

BLOG. PERMIT SIGNED AND RETURNED 3/24/97

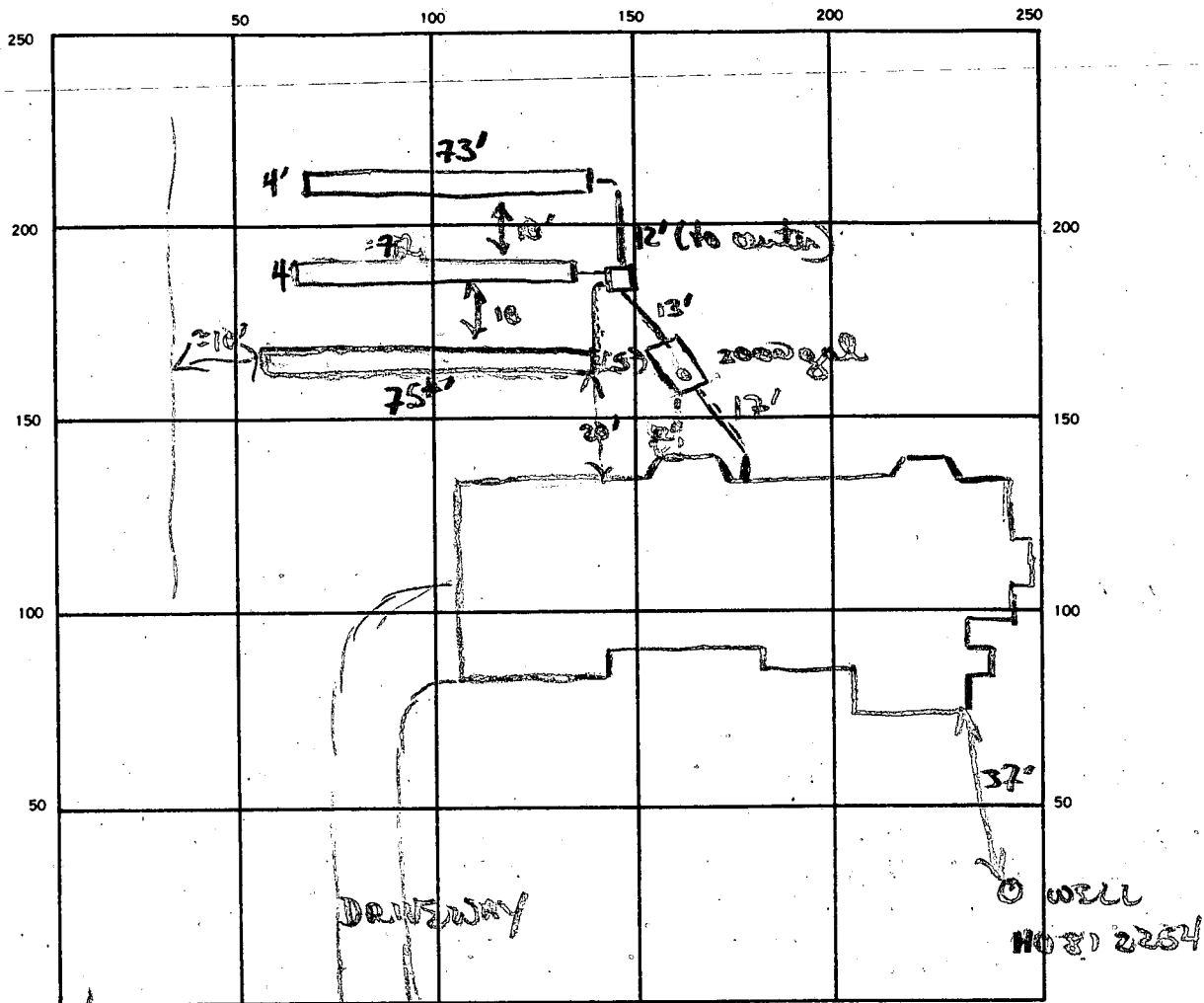
Send # B17104350
SUNMAN & CABANA

BLOG. PERMIT SIGNED AND RETURNED 3/24/97
Send # B17104488 - [Signature]

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A37024



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

✓
✓
cont fuel

LOG JUMP TRAIL

SEPTIC TANK. LEVEL 2000 CLEANOUTS 1 S.T.

DISTRIBUTION BOX. LEVEL ✓

DRAIN FIELD/TILE FIELD. DEPTH 5' 5' FT. TRENCH WIDTH 4 4 4 FT. INLET DEPTH 3 1/2 3 1/2 3 1/2 FT.

EFFECTIVE GRAVEL DEPTH 1.5 1.5 1.5 FT. TOTAL LENGTH 73 72 75 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 292, 288, 300 SQ. FT.

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

ABSORBENT AREA 880 SQ. FT.

REMARKS 5/9/88 OK to cover trench #1. OK to finish digging trench #2 & #3.
OK to finish stoning & piping trenches 2 & 3. OK to use 4" wide barrels
5/9/88 OK to finish trench #3, stone pipe paper & cover. OK to
cover trench #2. OK to finish cementing & cover lines. OK to
cover all work.

DATE SYSTEM APPROVED 5/9/88 INSPECTOR B Wifan

APPLICATION

PERCOLATION TESTING

A 37024

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT 5

DATE 5/15/86

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 ~~Wayback Corporation~~ JAMES & VALERIE SMITH

ADDRESS P.O. Box 1018, Columbia, MD. 21044 PHONE 997-8800

PROSPECTIVE BUYER NONE

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION The Chase - formerly The Paddock LOT NO. 25 Prelim. + Final 32 29

ROAD AND DESCRIPTION ~~Homewood Road~~ 11655 LOG JUMP TRAIL

TAX MAP 29 PARCEL # 24

SIZE OF LOT 3 acres TYPE BLDG. S.F.D.
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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]
(SIGNATURE OF APPLICANT)

APPROVED BY Sidney Abel FOR Shallow test files DATE 1-6-87

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 7/9/86. PERC SATISFACTORY, Used for Submission PERC, Shallow test. only. S Abel

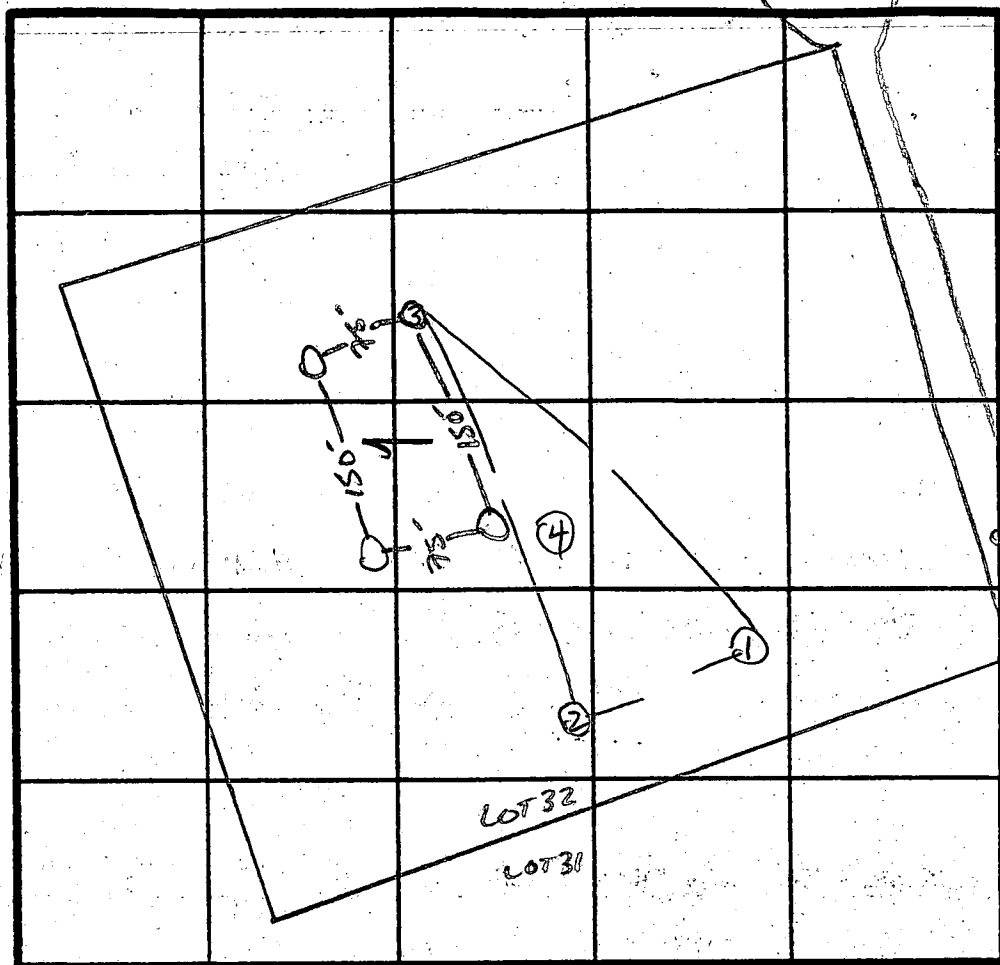
BLDG. PERMIT SIGNED
AND RETURNED 9/13/87

BPH 14502 SAbel

THIS IS NOT A PERMIT

SOIL PROFILE

A1-3
 Yellow B.L.
 SAND LOAM
 M.S.D. GRAVELLY
 20-25%
 49% CLAY
 3.5'
 Brown Silt
 SAND LOAM
 10-15%
 FINE GRAINED



7 PERC
 7 MIN
 INLET
 3.5
 BOTTOM
 5.0
 180 φ BR

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

↓ Homewoods Rd.

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|--------|----------|-------|-------------------------|-------|----------------|-------|--------|
| | | | START | STOP | START | STOP | |
| 7/8/86 | 1 S | 3.5 | 11:03 | 11:13 | 11:13 | 11:30 | 17 MIN |
| | M | 8 | 11:05 | 11:06 | 11:06 | 11:07 | 1 MIN |
| | 1V | 12.0 | uniform soil below 3.5' | | | | |
| | 2 S | 4.5 | 11:09 | 11:10 | 11:10 | 11:14 | 4 MIN |
| | | 14 | uniform soil below 3.5' | | | | |
| | 3 S | 4 | 11:17 | 11:19 | 11:19 | 11:22 | 3 MIN |
| | | 14 | uniform soil below 3.5' | | | | |
| | 4 V | 13 | uniform soil below 4' | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

REMARKS: Holes DIFF THAN PLAT / Shallow Syst. only

TYPE OF SOIL: MANOR

S. Abel

MAI, LARA, WADU, AOB

EH-12-1079

5/3/88

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 X
Replacement _____

Receipt # 41036
Date 2/24/88

Name of Installer Mechanical Systems Co

Telephone 442-1718

License Number T/A Douglas S Palardy
MD 6681

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber X

Name of Property Owner James Smith

Telephone 730-6100

Subdivision The Chase Lot # 29

Well Tag # 85-54

Site Address 11655 Log Jump Trail

HO-01-2254

Pump

1. Type
 - a. Deep well jet _____
 - b. Shallow well jet _____
 - c. Submersible X
2. Make _____
3. Model # _____
4. Capacity _____ GPM
5. Pump exceeds well capacity Yes _____ No _____
6. If Yes, is low pressure cutoff switch installed? Yes _____ No _____
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other _____

Motor

1. Horsepower _____
2. RPM _____
3. Voltage _____
 - a. 110 _____
 - b. 220 X

Pitless Adapter

1. Make Harvard
2. Model # PT 800
3. Depth 42"

Tank

1. Capacity _____
2. Pressure relief valve? _____

Piping

1. Type _____
2. Size _____
3. NSF and/or BOCA Code approved _____
4. Depth of supply line _____

Well data

1. Depth _____ ft.
2. Yield _____ GPM
3. Static water level _____ ft.
4. Will water supply be disinfected by installer? _____

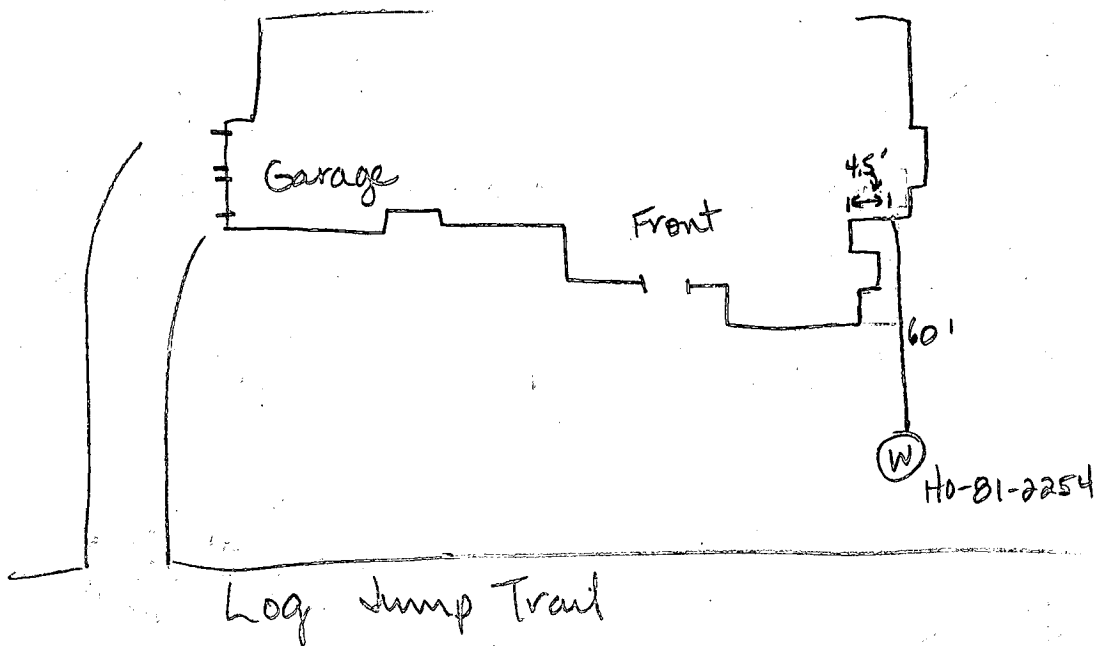
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

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

Signature of Applicant: Douglas S Palardy

Date: 2-2-88

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



24
24
96
48
51

5-3-88 Pitless adaptor at 42 in. Well line in trench at 53 inches. House connection ok. Ground line supplied but not attached. Pump tank not installed yet. J.E. Wadeau

N 67° 54' 44" E

LOT 29
153,273.7

30' B.R.L.

100

JUMP

TRAIL

A = 379.20

R = 25.00'
A = 31.81'

R = 50.00'

A = 94.93'

15" C.M.P.

18" C.M.P.

656° 50' 22" W

"A" (REV.)
FF: 369.80
B: 359.30
G.A.R.
INV. 642.50 (DSMT)

1250 GAL. SEPTIC TANK
INV. 630.00
INV. 637.00

DISTRIBUTION BOX
EXIST. GROUND = 367.0
INVERT = 363.5

Septic Easement

150' 3" WIDE
450' LONG TRENCHES

2400

1200

75' B.R.L.

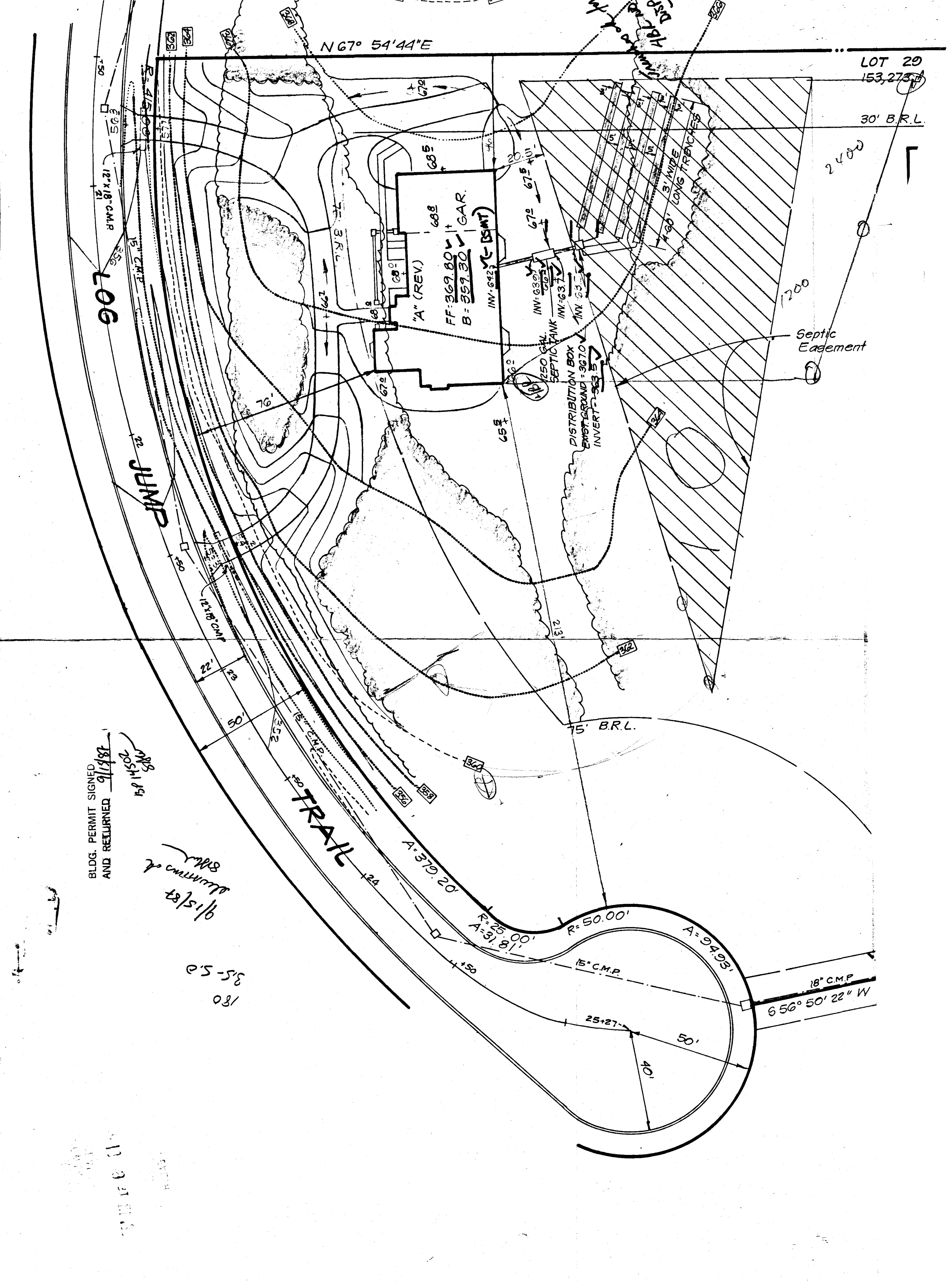
BLDG. PERMIT SIGNED
AND RETURNED 9/1/87

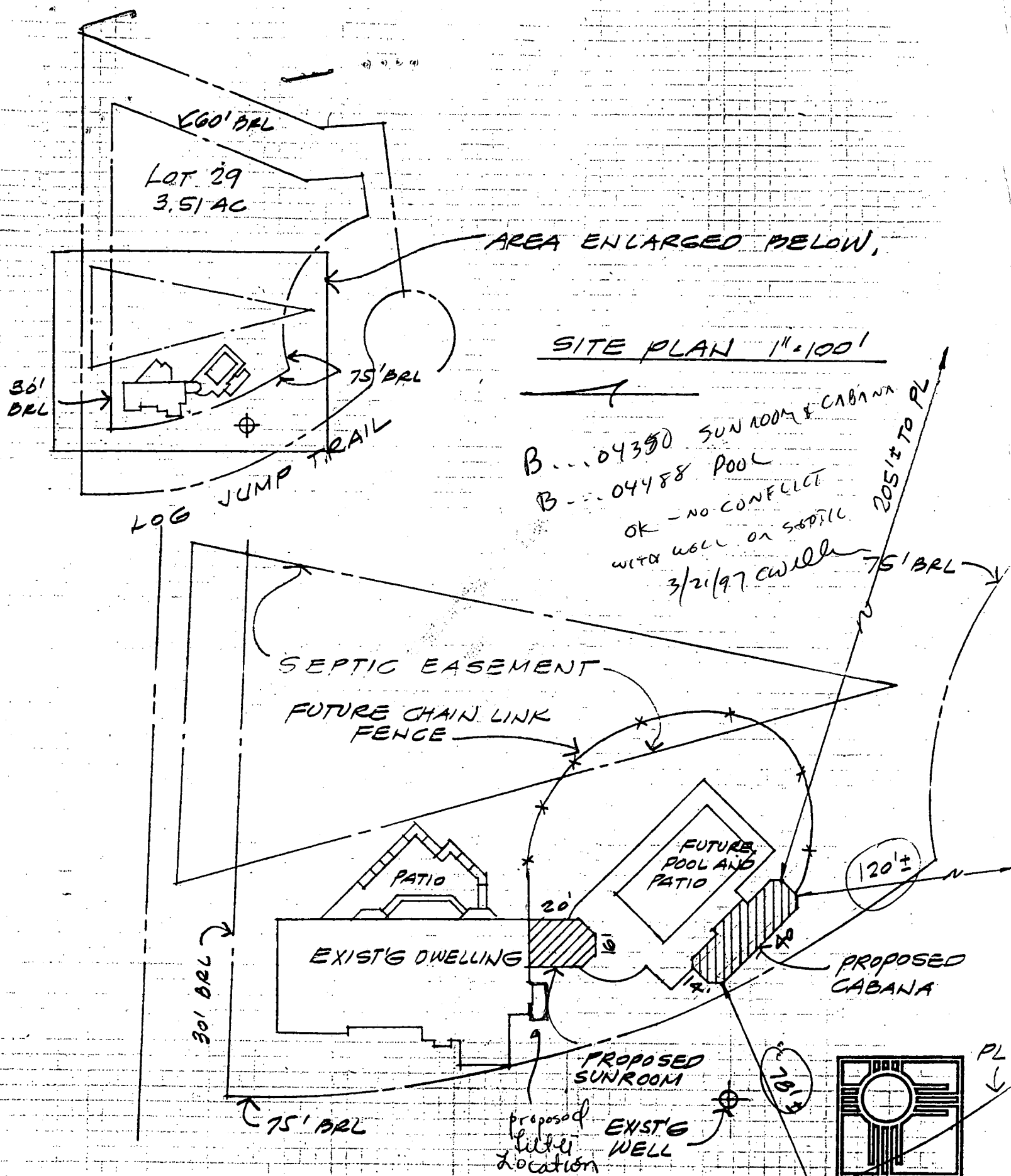
158 MSJ
158 MSJ

1/15/87
12/1/87

180
3.5-5.8

11/21/88





PARTIAL SITE PLAN 1"=40'

GRANING RESIDENCE

STEWART
MC CREADY
ARCHITECTS PA

800 MAIN STREET
ELLCOTT CITY, MD 21043

27 FEB 97

