

8/16/83

as soon as possible

8/16/83

Stoyer

P 33004

A 27563

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

03-307441

INDEX

ELLICOTT CITY
DISTRICT 3rd

DATE 8/1/83

Jack Fyock

IS PERMITTED TO INSTALL ALTER

ADDRESS 13775 Triadelphia Road, Glenelg, Md. 21737 PHONE 988-9270

SUBDIVISION Heatherwood ROAD 1718 Heatherwood Way LOT 9

PROPERTY OWNER ~~Homestead Builders, Inc.~~ Stephen Oswald Terry & Curington

ADDRESS 3222 Bicentennial Court, Ellicott City, Md. 21043 Phone: 461-2942

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

TILE FIELD - 120 sq. ft. bottom area per bedroom. 2-3 feet wide; 1 1/2 ft. of stone; 3-4 ft. deep. Keep the trenches 10 feet apart. No ditch over 100 ft. long. Use a distribution box. Start the ditch 150 ft. from the back lot line and 30 ft. from the right side of the lot as seen when facing the lot from Heatherwood Way. Run the ditches toward the left side of the lot along level ground.

BLDG. PERMIT SIGNED
AND RETURNED 4/30/92
Serial # 42433
Garage

PLANS APPROVED BY Raymond Hodges DATE 5/11/83

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.

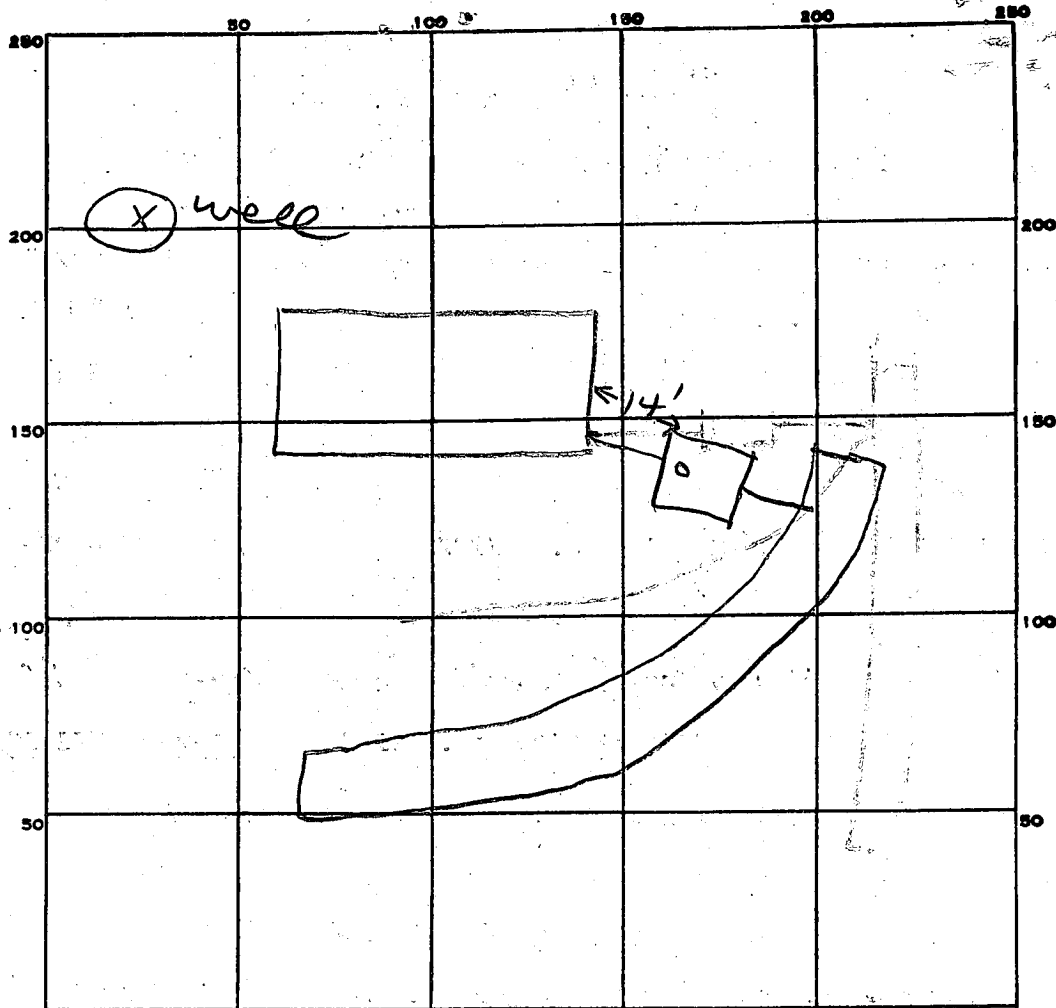
BLDG. PERMIT SIGNED
AND RETURNED 5/10/84
Serial # 57953
FMH.

A 27563

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Heatherwood way

PERMIT CARD _____

SEPTIC TANK, LEVEL _____

✓ 1500 gal CLEANOUTS ST ✓

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 4 FT. TRENCH WIDTH 5 FT.

GRAVEL DEPTH 2 IN. TOTAL LENGTH 100 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 500

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

ABSORBENT AREA 500 SQ. FT.

REMARKS _____

8/16/83 OK to cover all work. JS

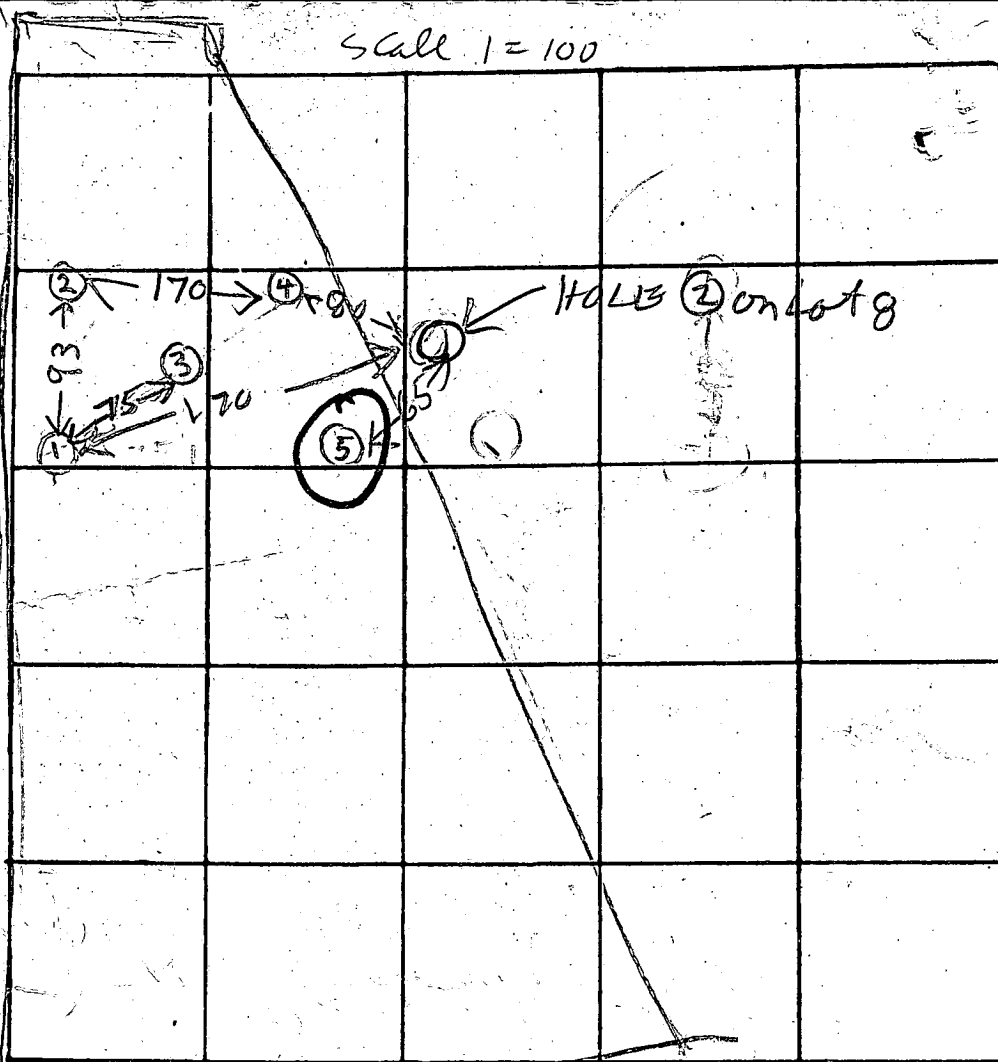
DATE SYSTEM APPROVED _____

8/16/83

INSPECTOR _____

Stayer

Scale 1 = 100



A27563

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

HEATHERWOOD DR

OLD FREDERICK RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/2/78	1D	7 1/2	208	211	211	216	5
3/2/78	1S	3	208	210	210	215	5
	2S	3	229	236	236	239	1
	2D	8	229	230	230	233	3
3/15/78	3V	12	TOP 3 FT CLAY		DRY		
			BOT 9 FT SAND				
	4S	4	1018	1023	1023	1029	6
	4D	8	1018	1023	1023	1027	4
	5D	7 1/2	1044	UNDERGROUND WATER		6 1/2 FT	
	5S	4	1047	1120	1st inch	33mm	FAIL

REMARKS

Hole pattern changed from test plat
Carry out hole

TYPE OF SOIL

TESTED BY

R.H.

ALSO PRESENT:

Kasemeyer, Barb
Megan

3/15/78 R.H. R. BARTON R. MCCOY

Lot 9

5/19/83 EMERGENCY/TEMP NO. IF ANY

B 1 198

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

HO-81-0085

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

8 o'clock Grout please print or type

fill in this form completely

Date Received

04/19/83

OWNER INFORMATION

HOMESTEAD BUILDERS

3222 BICENTENNIAL CT

ELLCOTT CITY MD 21043

B 3

LOCATION OF WELL

HOWARD

HEATHERWOOD

SECTION LOT 9

ELDERSBURG

MILES FROM TOWN (enter 0 if in town) 4 MI

DRILLER INFORMATION

Ronald L Kyker

296

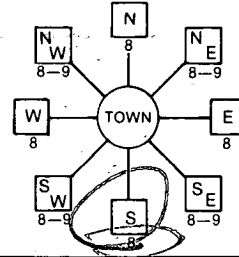
Westminster Rotary Well Drilling, Inc

P.O. Box #861, Westminster, Md.

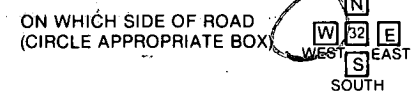
Ronald L. Kyker 4/18/83

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Heatherwood Way



DISTANCE FROM ROAD 400 FT

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 550

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD

A 27563

COUNTY NAME COUNTY NO. OEP SIGNATURE DATE ISSUED CO SIGNATURE EXP. DATE NORTH GRID EAST GRID

APPROXIMATE DEPTH OF WELL 350 FEET

APPROXIMATE DIAMETER OF WELL 6 1/2 INCH

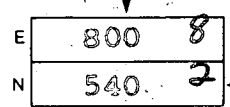
METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVerse-ROTary DRive-POINT
other

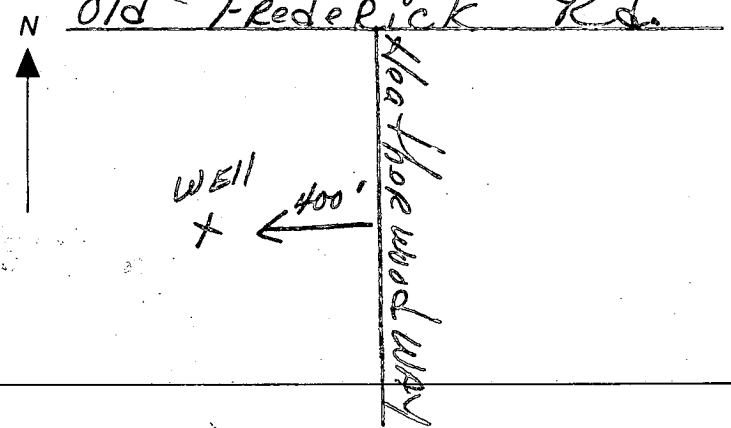
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

- SOURCES OF DRILLING WATER
1. City
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE



DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEMED AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER GAP

FORCE FS PERMIT No. HO-81-0085

SPECIAL CONDITIONS

C1 7733

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3 & 6 ON ALL CARDS)

COUNTY NUMBER A 27563

Date Received (OEP use only)

DATE WELL COMPLETED

Depth of Well

PERMIT NO.

FROM "PERMIT TO DRILL WELL"

05.1.1983

115 (TO NEAREST FOOT)

HC-91-0085

OWNER Homestead Builders last name first name STREET OR RFD Heatherwood Way TOWN Eldersburg SUBDIVISION Heatherwood SECTION LOT 9

WELL LOG Not required for Driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include: Dirt (0-10), Soft Brown Mica mixed w/ Brown & Blue Sand (10-45), Brown Mica (25-26), Brown Mica (26-45), Brown Sand (45-46), Blue Sandstone (46-69), Brown (69-70), Blue (70-74), Brown (74-76), Blue & Brown Sandstone (76-115).

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS NO. OF POUNDS GALLONS OF WATER DEPTH OF GROUT SEAL (to nearest foot)

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE Nominal diameter top(main)casing (nearest inch) Total depth of main casing (nearest foot)

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open hole insert appropriate code below

DEPTH (nearest ft.) SLOT SIZE DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) PUMPING RATE (gal. per min. to nearest gal.) METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING WHEN PUMPING TYPE OF PUMP USED (for test)

PUMP INSTALLED YES NO DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O) CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.)

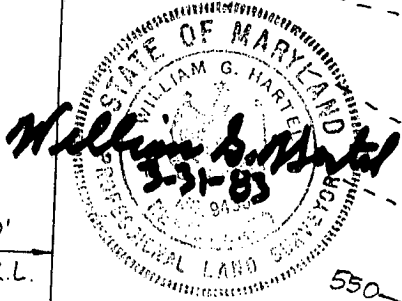
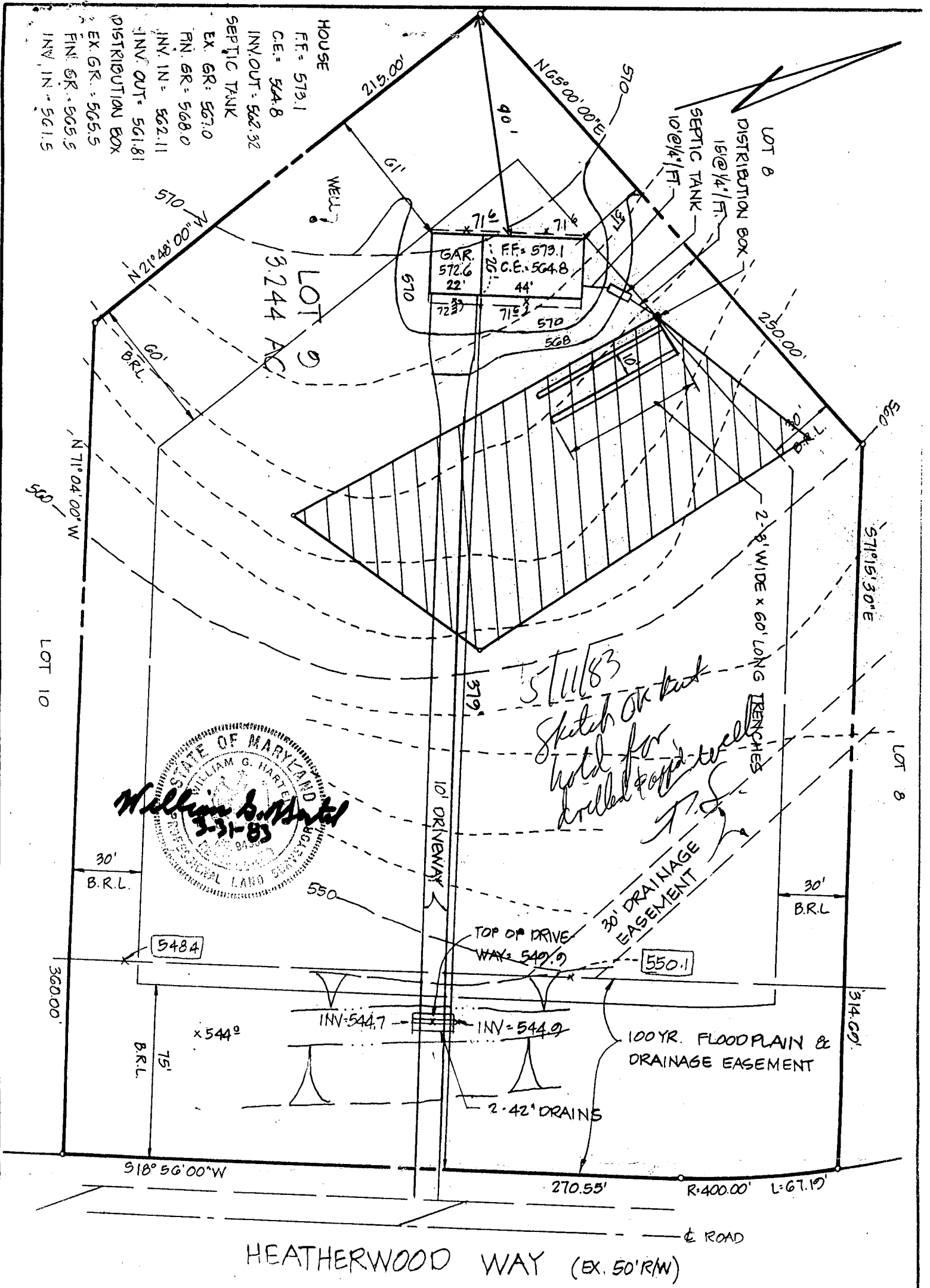
CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL) old Frederick Rd

CIRCLE APPROPRIATE BOX A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 256 Ronald L. Kyker DRILLERS SIGNATURE SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)



*Still 83
Sketch on back
hold for
drilled & capped well*

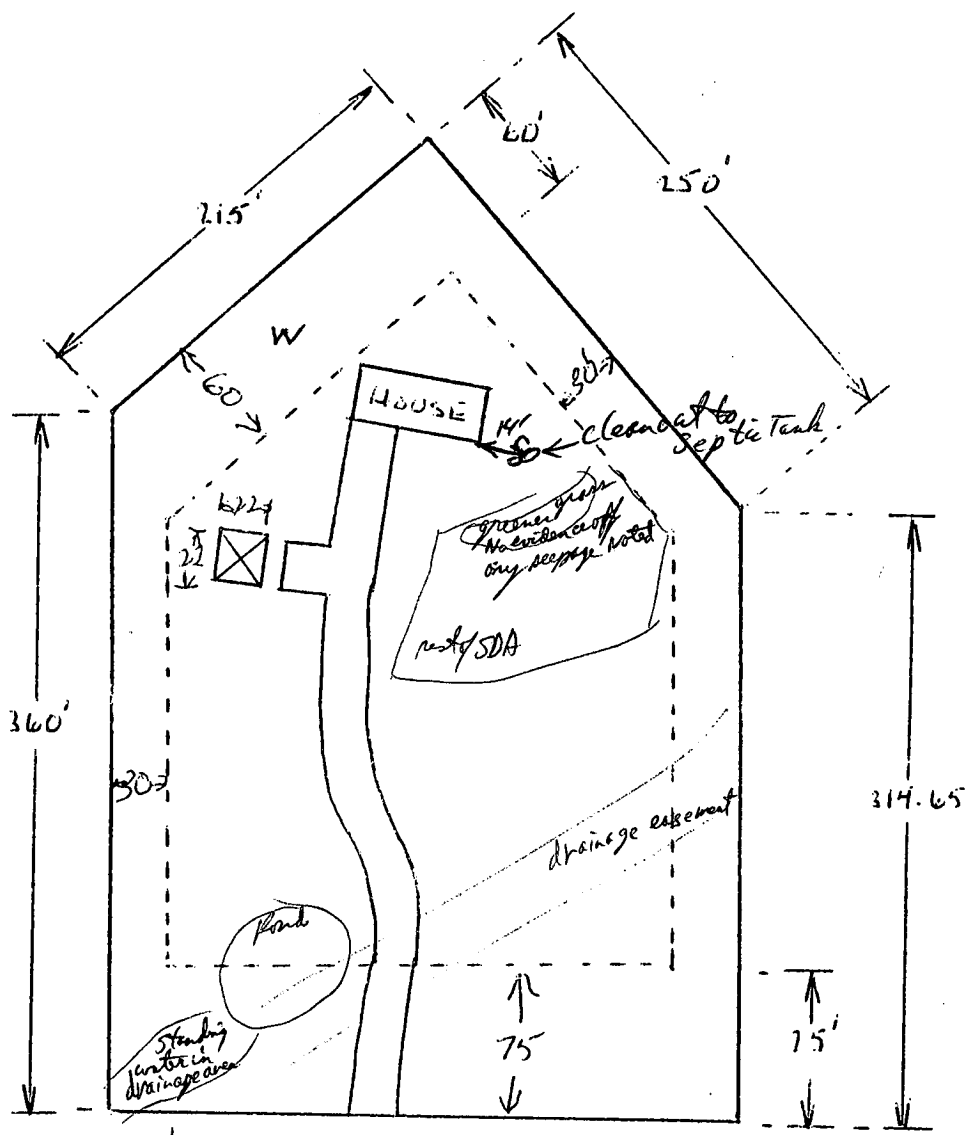
GRADING STUDY - LOT 9 - HEATHERWOOD - PLAT 4400

LOCATION		3RD ELECTION DISTRICT		HOWARD COUNTY, MD.			
DATE	SCALE	DESIGN BY	DRAWN BY	CHECKED BY	DRAWING NO.	JOB NO.	
MAR, 1983	1" = 50'		J.J.B.		1051	82002	

boender associates

engineers
surveyors
planners

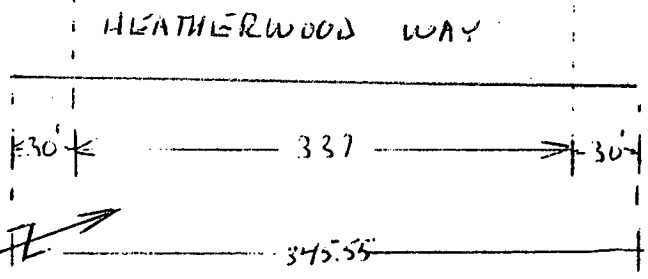
ELlicott CITY, MARYLAND 21043
301-465-7777



DP 42455

Plan of Septic basin area. No evidence of any septic problems. Bldg will be garage and storage only, no plumbing or electricity.

OK to approved by hand
 4-30-92

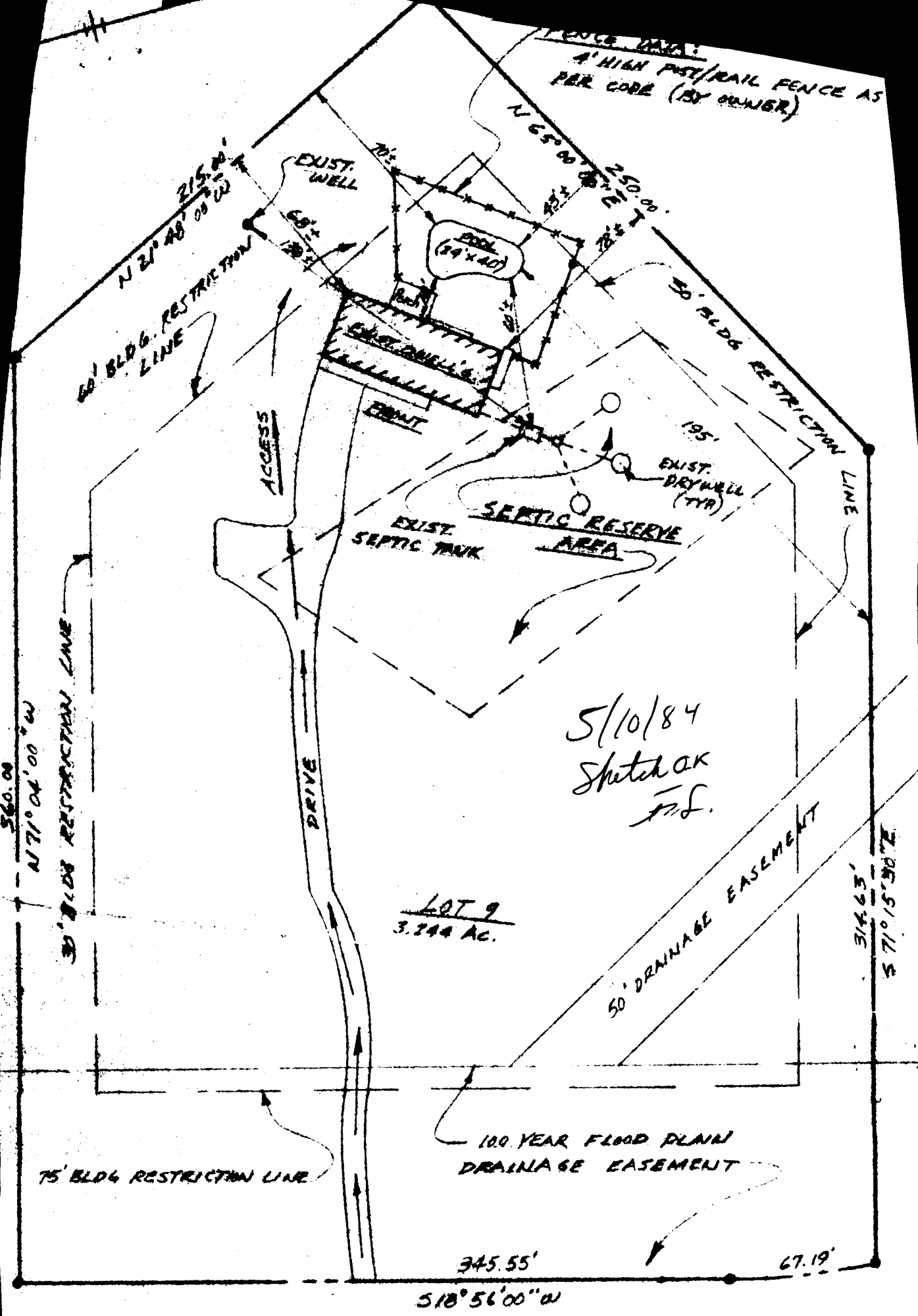


22' x 22' PROPOSED
 W = WELL
 S = SEPTIC

SCALE
 1" = 100'

Lot 9

PEOPLE DATA:
4' HIGH POST/RAIL FENCE AS
PER CODE (BY OWNER)



215.00'
N 21° 48' 00" W
60' BLDG RESTRICTION LINE
250.00'
N 65° 00' 00" E
30' BLDG RESTRICTION LINE
195'
EXIST. DRYWELL (TYR)
SEPTIC RESERVE AREA
EXIST. SEPTIC TANK
5/10/84
Sketch OK
F.S.
LOT 9
3.244 AC.
50' DRAINAGE EASEMENT
100 YEAR FLOOD PLAN
DRAINAGE EASEMENT
75' BLDG RESTRICTION LINE
345.55'
518° 56' 00" W
67.19'

HEATHERWOOD

WAY