

4/24/85 P.M.
4/25/85
will call for
inspection

03-305236

W.P.1

PERMIT

4-24-85
Steel
approved

P 35316
A 24602

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

INDEXED

ELLICOTT CITY
DISTRICT 3rd
DATE 4/17/85

Eugene D. Engels IS PERMITTED TO INSTALL X ALTER _____
ADDRESS 10018 Doefield Road, Owings Mills, Maryland 21117 PHONE 922-1164
SUBDIVISION Annandale ROAD 13376 Pipes Lane LOT 33
PROPERTY OWNER Eugene D. Engels
ADDRESS 442-1519

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

TRENCHES - 174 sq. ft. per bedroom. Trench to be ²feet wide. Inlet 3 feet below original grade. Bottom maximum depth 6 feet below original ¹grade. Effective area begins at 3 feet below original grade. 3 feet of stone below distribution pipe. LOCATION: Start the trench 115 feet from the left lot line and 180 feet from the front lot line as seen when facing the property from Pipes Lane. Run trenches along level ground toward right side of lot. NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

BLDG. PERMIT SIGNED
AND RETURNED 4/17/85
Serial #13871
500 gal. propane tank

BLDG. PERMIT SIGNED
AND RETURNED 7/20/85
Serial #13383 - Prod.

PLANS APPROVED BY C. Williams DATE 4/17/85

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 APPROVAL ON THIS PERMIT**

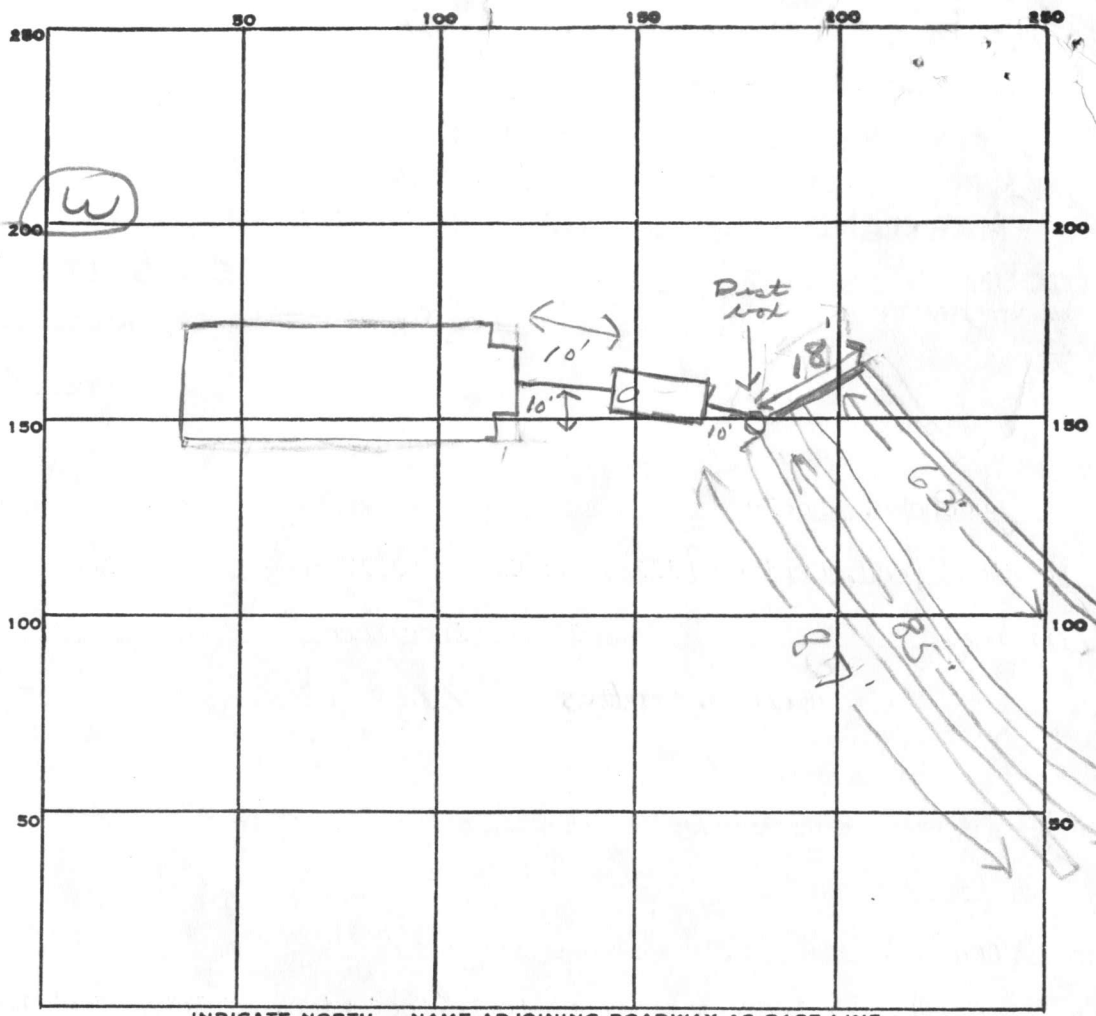
*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 27602

87
85
63

21
174
4
696



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Pipes La:

PERMIT CARD

SEPTIC TANK, LEVEL 2000 gal CLEANOUTS ST

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 6 FT. TRENCH WIDTH 2 FT. INLET 3

GRAVEL DEPTH 3 FT IN. TOTAL LENGTH 235 FT.

NUMBER OF TRENCHES 3 TOTAL BOTTOM AREA 705 ϕ

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

ABSORBENT AREA 705 SQ. FT.

11
235
3
705

REMARKS 4/22/85 OK to add stone in trenches J

4/23/85 Work not ready. J

4-24-85 OK TO COVER ALL WORK FROM SEPTIC TANK TO DRAIN FIELD. NEED

ST CLEANOUT AND REPLACE PIPE FROM HOUSE TO ST WITH SCHED. 40 PVC PIPE. SMOKE

DATE SYSTEM APPROVED 4-24-85 INSPECTOR S. Abel

APPLICATION

SEWAGE DISPOSAL TESTING

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: 465-5000, EXT. 356

DISTRICT 3rd

DATE 9/24/76

*27 TO BE
COMBINED WITH 26
4-18-83 CWL*

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 Eugene D. Engler

ADDRESS 13555 Old Frederick Road, Sykesville, Md. 21784 PHONE _____

PROPERTY LOCATION:

SUBDIVISION Annandale LOT NO. 38

ROAD AND DESCRIPTION 13374 Pipes Lane

SIZE OF LOT 40,000 sq. ft. TYPE BLDG. 3 or 4

IF NOT SINGLE RESIDENCE DESCRIBE _____
NUMBER OF BEDROOMS 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 [Signature] FOR DA system DATE 12/13/76
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

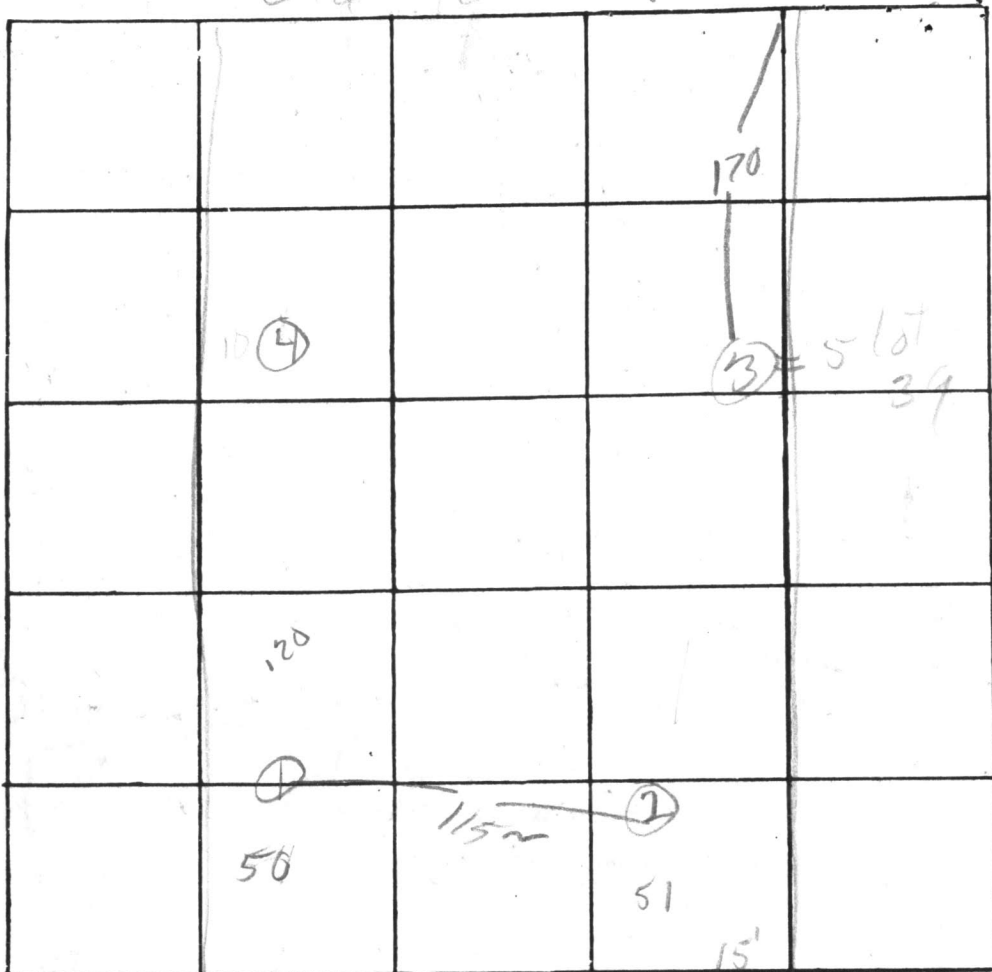
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 4/3/85
Serial #62791 SFD

THIS IS NOT A PERMIT

Old lot 38



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
3/1/64	1s	3	1011	—	—	1026	E-9	
	d	12	1012	1025	1025 ₂₆	1051	26	
	2s	3	1006	1012	1012	1025	13	
	d	13	1007	1019	1010	1014	4	
	3s							
	d							
	4	3 1/2 - 12 1/2 - sandy loam						

REMARKS _____

TYPE OF SOIL _____

TESTED BY DJON - RAB ALSO PRESENT: Pipas

APPLICATION

SEWAGE DISPOSAL TESTING

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: 465-5000, EXT. 356

A _____

P _____

DISTRICT 3rd

DATE 9/24/76

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

ADDRESS 13555 Old Frederick Rd. Sykesville, Md. 21784 PHONE _____

PROPERTY LOCATION:

SUBDIVISION Annandale LOT NO. 37

ROAD AND DESCRIPTION Pipes Lane

SIZE OF LOT 40,000 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

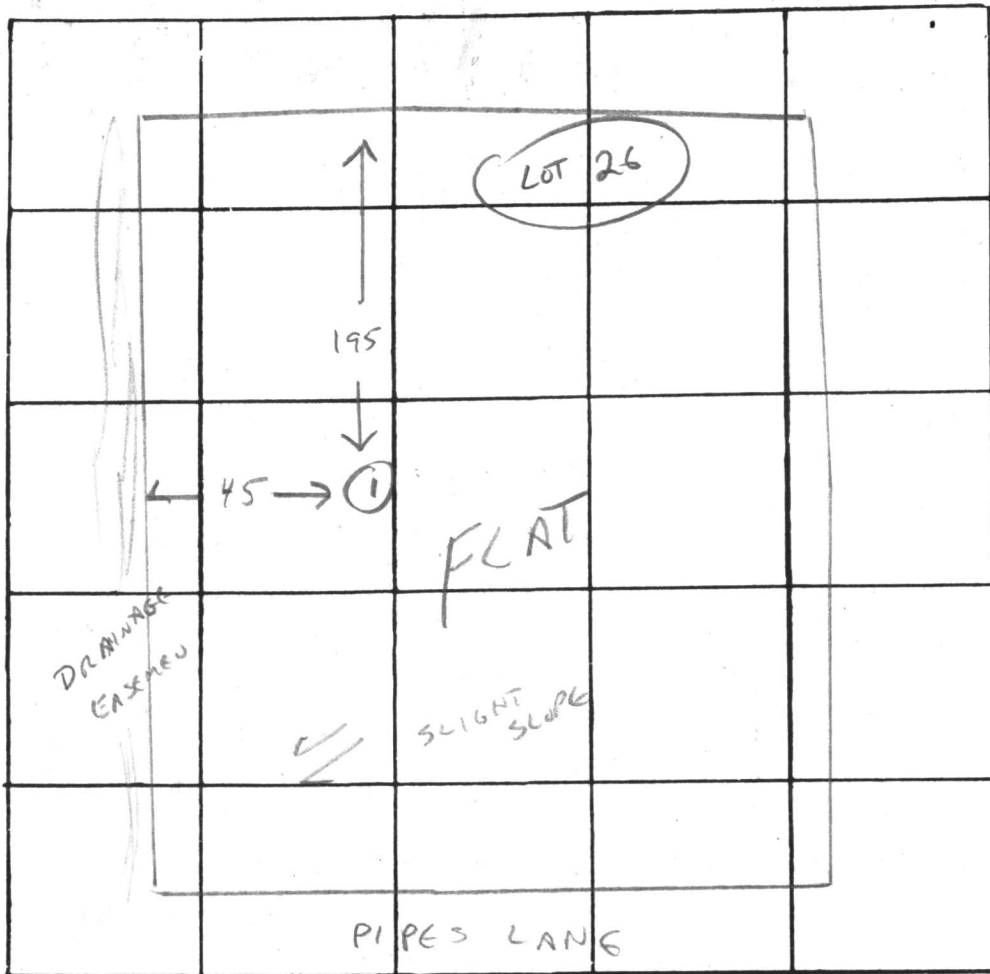
APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Pipes Lane

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-18-83	1	10'	ROCK + WATER				
		2'-10'	(MOSTLY CLAY, LITTLE SAND)				
		COMBINE WITH RESULTS OF		3-2-77			
		- LOT NOT BUILDABLE DUE TO					
		CLAY, ROCK, + WATER					

REMARKS

NOT BUILDABLE

TYPE OF SOIL

CLAY, ROCK, WATER

TESTED BY

C. Williams

ALSO PRESENT:

FRED PIPES

Preliminary
#13' pipes
in 10,000 ft

APPLICATION

A 24603

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
TELEPHONE: 465-5000, EXT. 356

DISTRICT 3rd

DATE 9/24/76

OK

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

ADDRESS 13555 Old Frederick Road, Sykesville, Md. 21784 PHONE _____

PROPERTY LOCATION:

SUBDIVISION Annandale LOT NO. ~~38~~ 38

26

ROAD AND DESCRIPTION Pipes Lane

SIZE OF LOT 40,000 sq. ft. TYPE BLDG. 3 or 4

NUMBER OF BEDROOMS
single family dwelling

IF NOT SINGLE RESIDENCE DESCRIBE _____

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

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 Water DATE 8/16/76

REASONS FOR REJECTION OR HOLDING Test in Spring

THIS IS NOT A PERMIT

Soil 37

137
1350
4256
7125



27
3
81

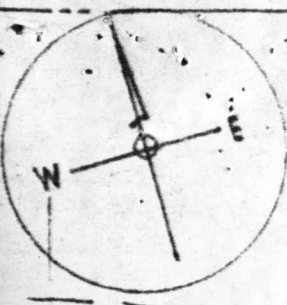
INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3277	1	3	1056	1003	1003	1119	16
↓	1a	13	1057	1117	1117	1130	13
	2	4	1006	Failed		30+	
	2a	12.6	1005	1116	1116	Failed	30+

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT: _____



Proposed

BLDG. RESTRICTION LINES

DISTRIBUTION BOX
INLET ELEV.
INLET 197.5

INVERT ELEV.
INTO SEPTIC TANK
198.0
201

INVERT ELEV.
OUT OF SEPTIC TAN
197.5

EXIST ELEV. AT
SEPTIC TANK
200

INVERT ELEV
OUT OF HOUSE
198.5

APPROX WELL
Locs. & EXIST ELEV.
197.5

APPROX. LOCs.
OF SEPTIC TANK
DISTRIBUTION BOX

NOTE: SEPTIC SYSTEM
DESIGN BY OTHERS.

10,000 sq DEDICATED
SEPTIC FIELD AREA

199

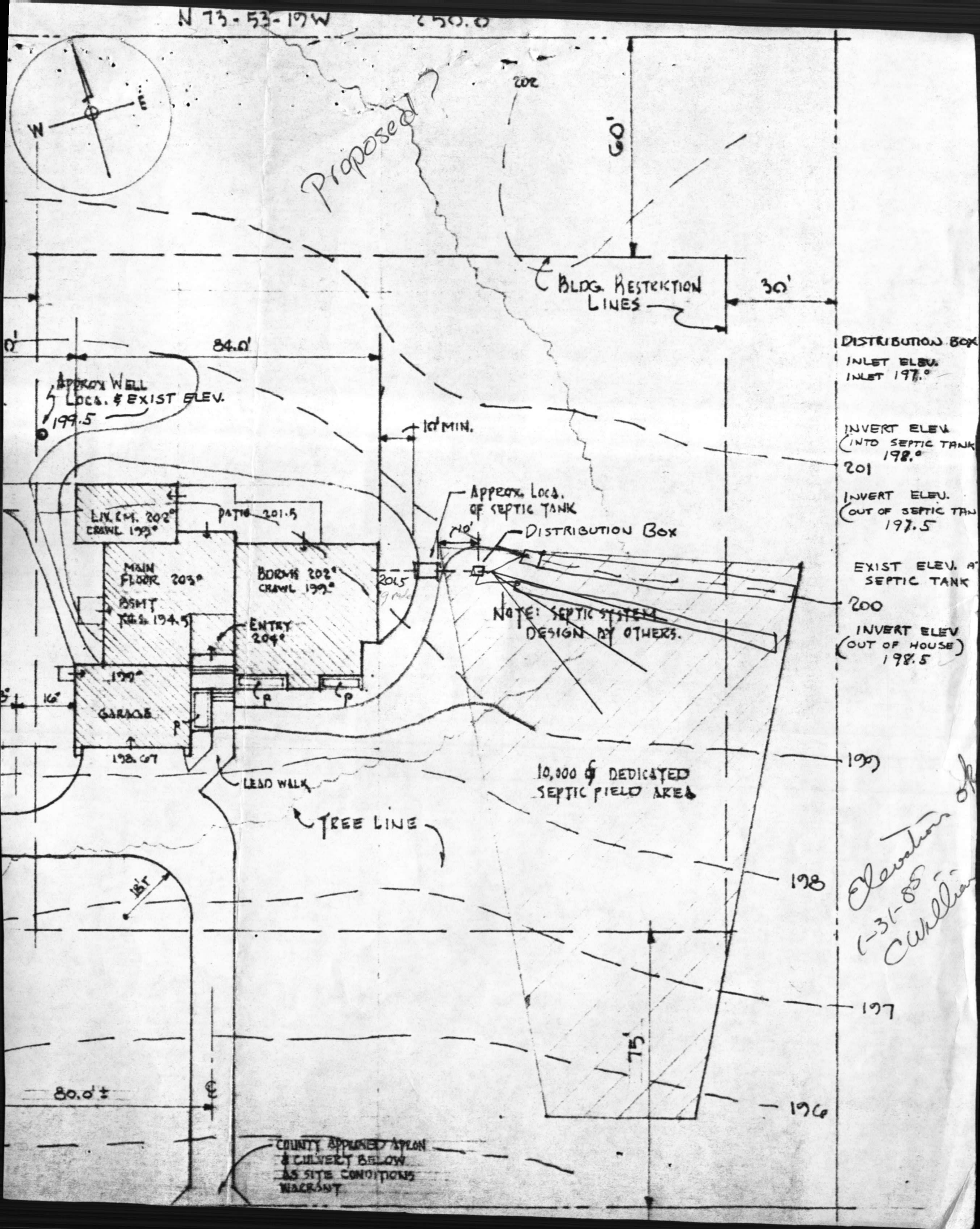
198

197

196

Elevation of
(-31-85)
Cullinan

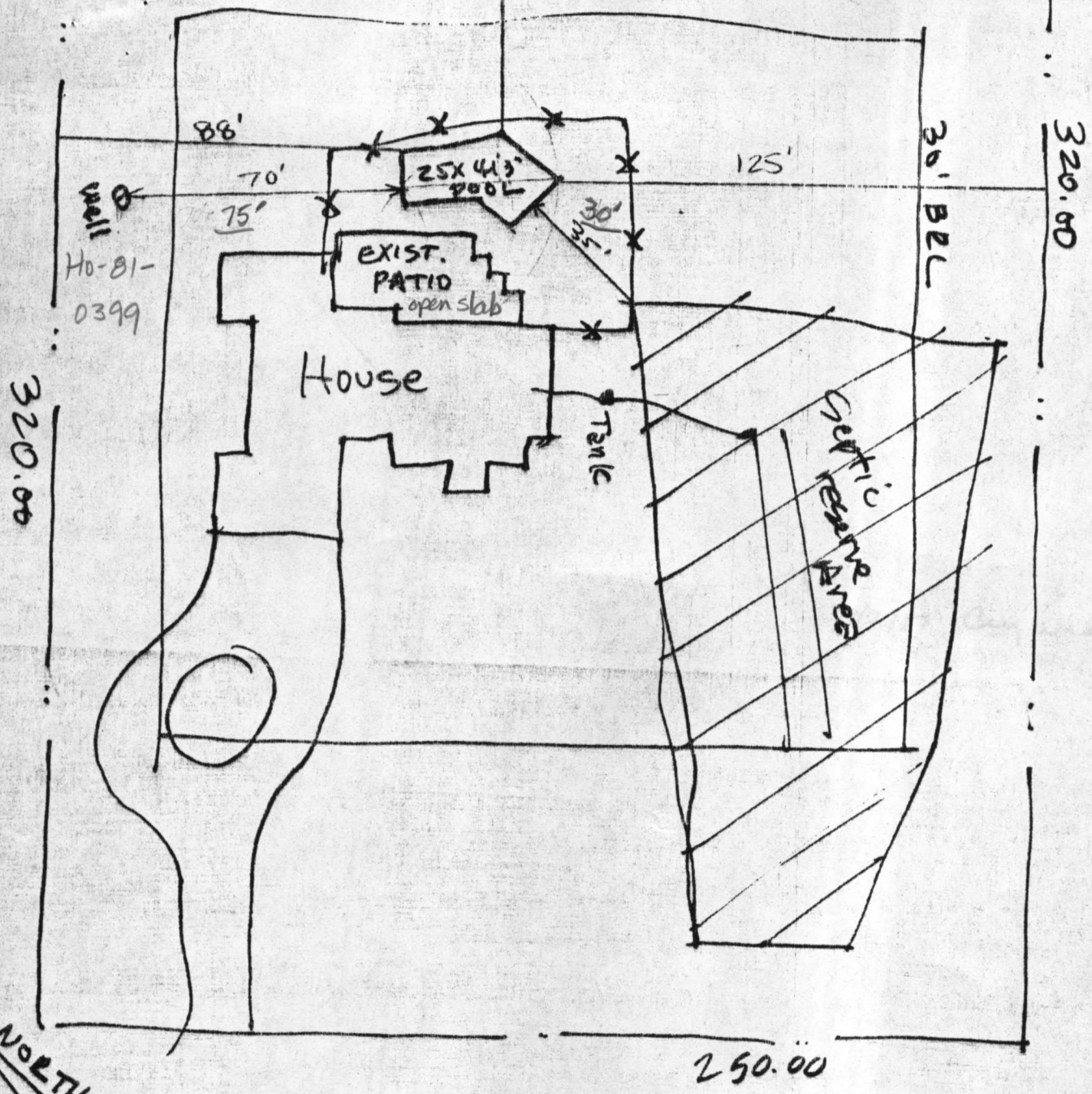
COUNTY APPROVED PLAN
& CULVERT BELOW
AS SITE CONDITIONS
WARRANT



$$3 \overline{) 696} \overline{) 232}$$

$$\begin{array}{r} 80 \\ 80 \\ \hline 60 \\ 200 \end{array}$$

$$\begin{array}{r} 92 \\ \hline 80 \\ 85 \\ \hline 60 \\ 232 \end{array}$$



PIPES LANE

Lot 33
Annandale

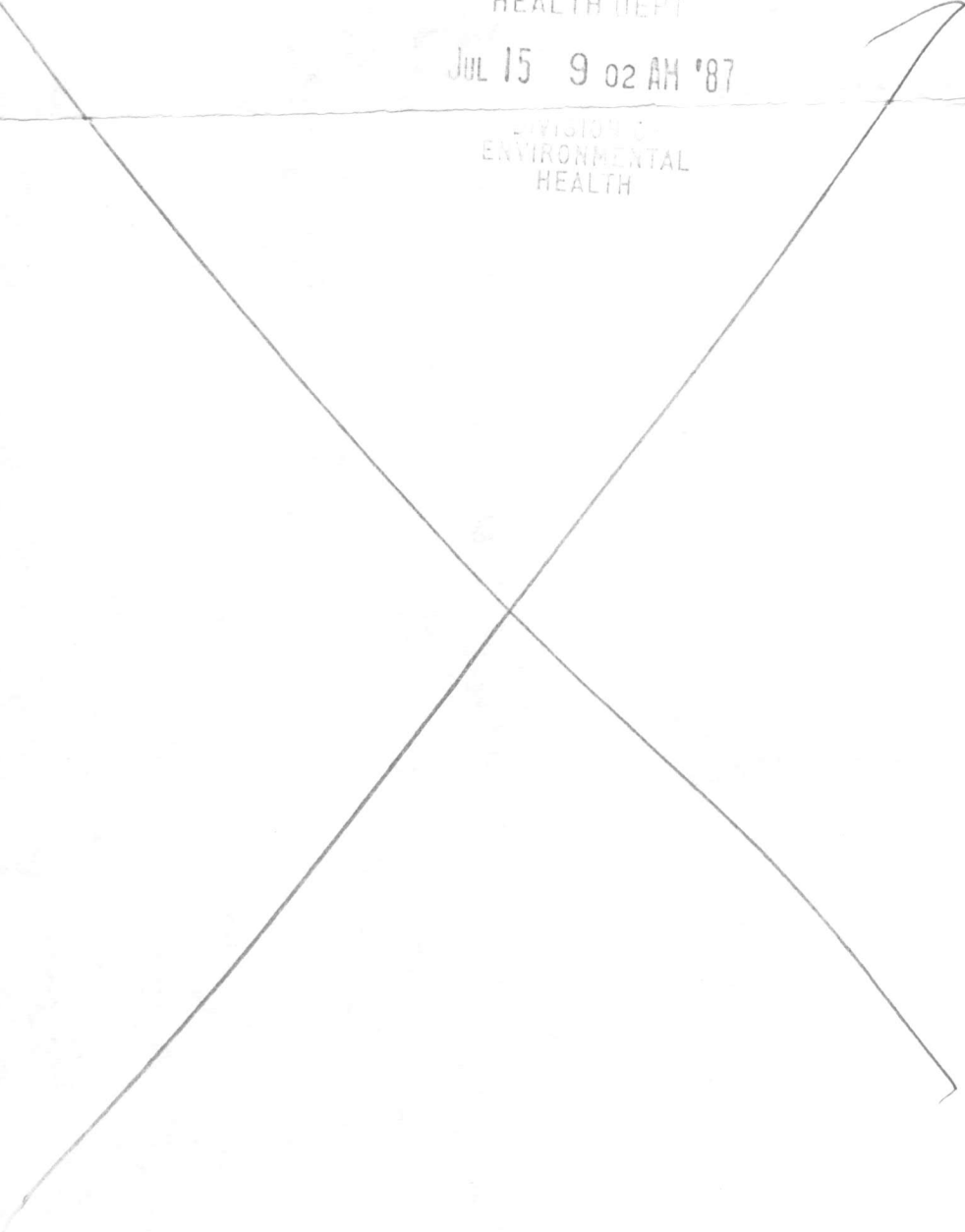
ACTUAL LAYOUT?

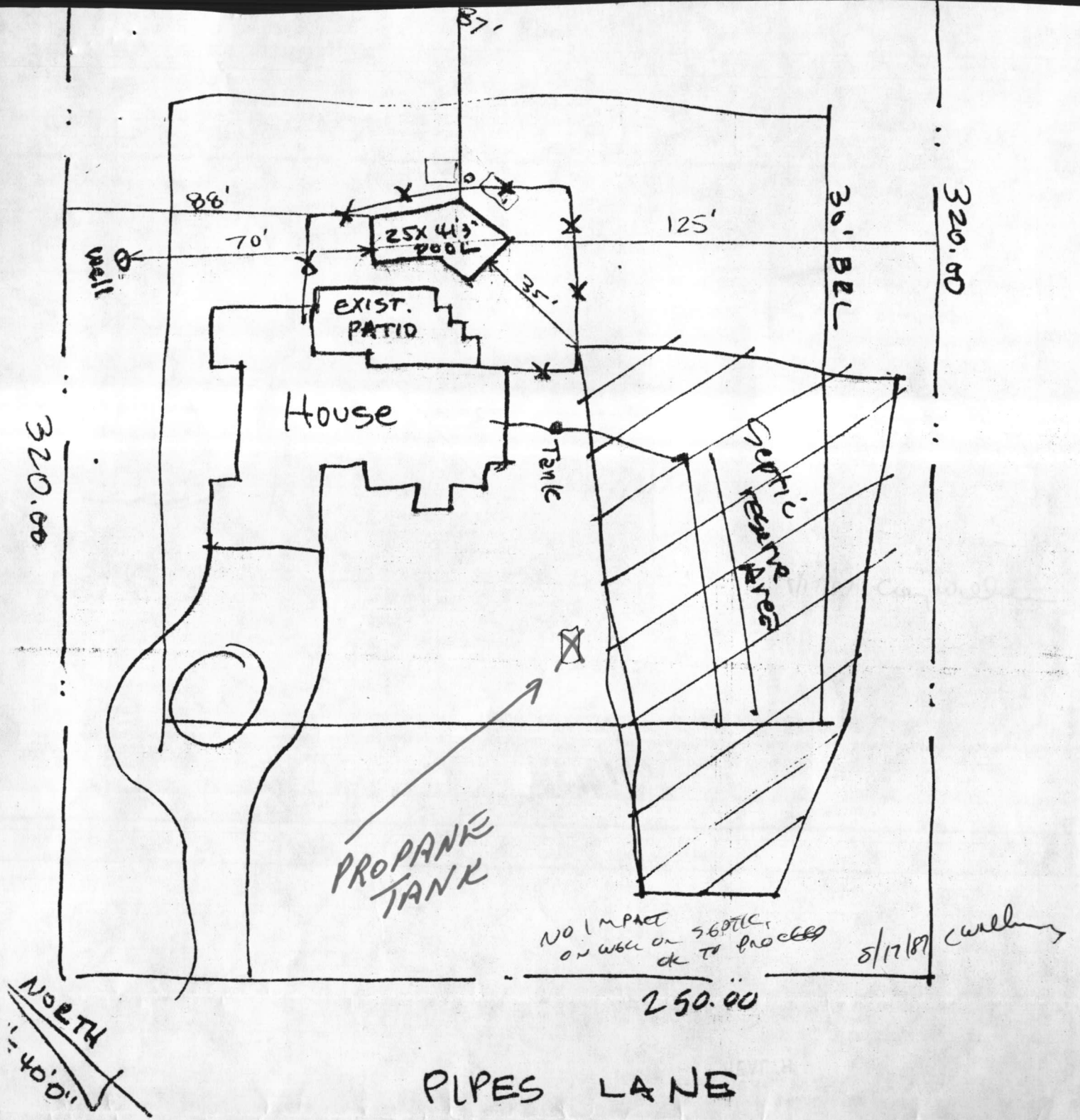
7-16-87
 septic cleanout was covered with soil. Location approximately as shown on plan. Owner mentioned area around tank had sunk and he wanted to fill the area to grade. Well is approximately 75 ft from pool end. Septic field is about 30 feet from the opposite side of the proposed pool. Owner wants to shift pool 5 feet to the northwest. This would be as shown on plan. Recommend approval of inground pool. J E Nadeau.

RECEIVED
HOWARD COUNTY
HEALTH DEPT

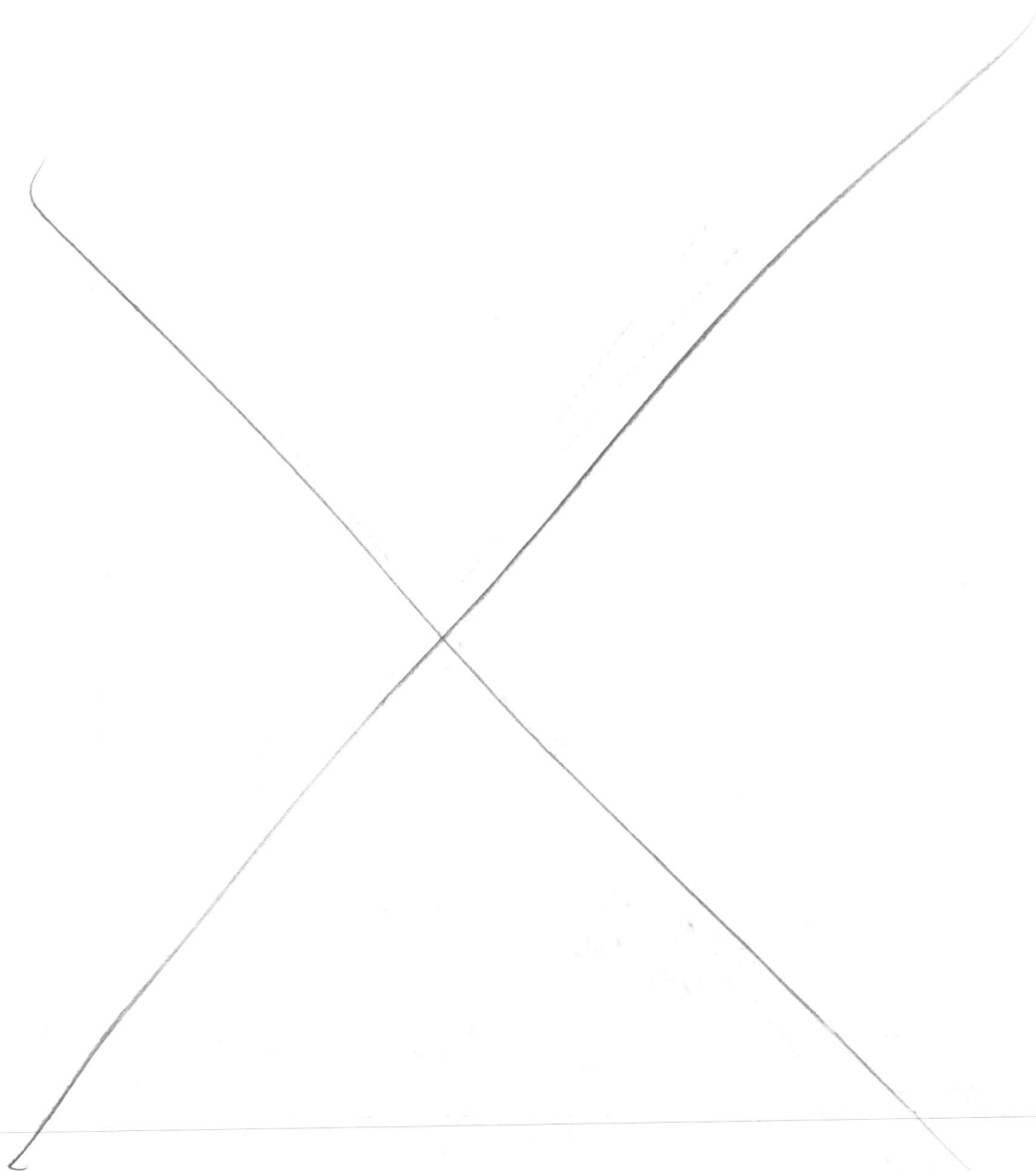
JUL 15 9 02 AM '87

DIVISION OF
ENVIRONMENTAL
HEALTH





Lot 33
Annandale



RECEIVED
HOWARD COUNTY
HEALTH DEPT

AUG 10 8 57 AM '87

DIVISION OF
ENVIRONMENTAL
HEALTH

C1 4485 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 A24602

DATE RECEIVED

DATE WELL COMPLETED 02/16/84

DEPTH OF WELL 85 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-81-0399

OWNER Pipes last name Fred first name STREET OR RFD Pipes Lane TOWN Sykesville SUBDIVISION Annandale SECTION 2 LOT 33

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Rows include Top Soil, Brown Shale, Granite, Brown Sandstone, Granite.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 4, NO. OF POUNDS 376.

CASING RECORD: casing types (ST, CO, PL, OT), MAIN CASING TYPE (S+), Nominal diameter 6, Total depth 21.

OTHER CASING (if used) section with diameter and depth fields.

SCREEN RECORD: screen type (ST, BR, HO, PL, OT), SLOT SIZE 1, 2, 3.

DEPTH (nearest ft.) table with rows for casing height and screen depth.

A CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION"

DRILLERS IDENT. NO. 308, DRILLERS SIGNATURE

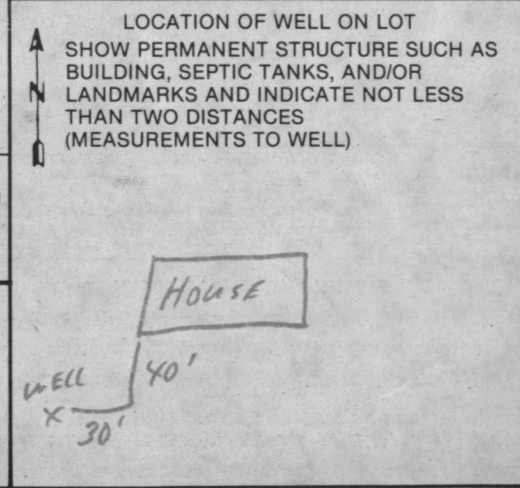
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK: IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.), WQ, TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST: HOURS PUMPED 3, PUMPING RATE 15, MEASURE PUMPING RATE Bucket, WATER LEVEL 6, WHEN PUMPING 12, TYPE OF PUMP USED (A) air, (P) piston, (T) turbine, (C) centrifugal, (R) rotary, (O) other, (J) jet, (S) submersible.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES NO, TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT (circle appropriate box and enter casing height) above/below LAND SURFACE.



STATE OF MARYLAND
WELL COMMISSION REPORT

WELL NUMBER
WELL LOCATION
WELL DEPTH

WELL NO.	WELL LOCATION	WELL DEPTH	WELL TYPE	WELL STATUS	WELL DATE	WELL OWNER	WELL PURPOSE	WELL COMMENTS
1
2
3
4
5
6
7
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11
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14
15
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50

DIVISION OF ENVIRONMENTAL HEALTH

JUN 16 4 10 PM '84

RECEIVED
HOWARD COUNTY HEALTH DEPT.

