

11/15/96
12:00
12/2/96
10:30 AM
12/10/96

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

TAX ID # 04-356586

P 57392A

A 49056

DISTRICT 4th

DATE 11/12/96

DATE SYSTEM APPROVED 12/10/96

INSPECTOR M. Rifkin

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH
~~XX 461-9933~~ 313-2640

INDEXED

Arnold's Backhoe and Septic _____ IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 7110 Woodbine Rd Woodbine Md. PHONE 795-7873

SUBDIVISION Walnut Springs LOT 12 ROAD 1270 Emmaus Road

PROPERTY OWNER David Naughton

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

240 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

SPECS REVISED:
2 13 x 13" D/W WITH C/O, NO RINGS, AS HIGH AS POSS. OK TO MAINTAIN 15' TO WELL; MAINTAIN MAX OFF ABANDONED TRENCH MR 12/2/96

TRENCHES - 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 - Starting from the intersection of the 56.82' and 180.84' lot lines, start the first trench 110 feet down the 180.84' lot line and 56 feet off this same lot line. Install trenches as high as possible on contour to front of lot. MAINTAIN 100 FEET MINIMUM FROM ALL (2) NEARBY WELLS TO ALL PARTS OF SEPTIC SYSTEM.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 8/30/96 OK ALM

PLANS APPROVED BY Mark Rifkin REVISED _____ DATE 08/23/96

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, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELLS (SEE SPEC. FOR ALL AUTHORIZED)

BUILDING PERMIT SIGNED AND RETURNED

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES) 62105 BOD 15484- PORCH

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 35/40 PVC OR ABS

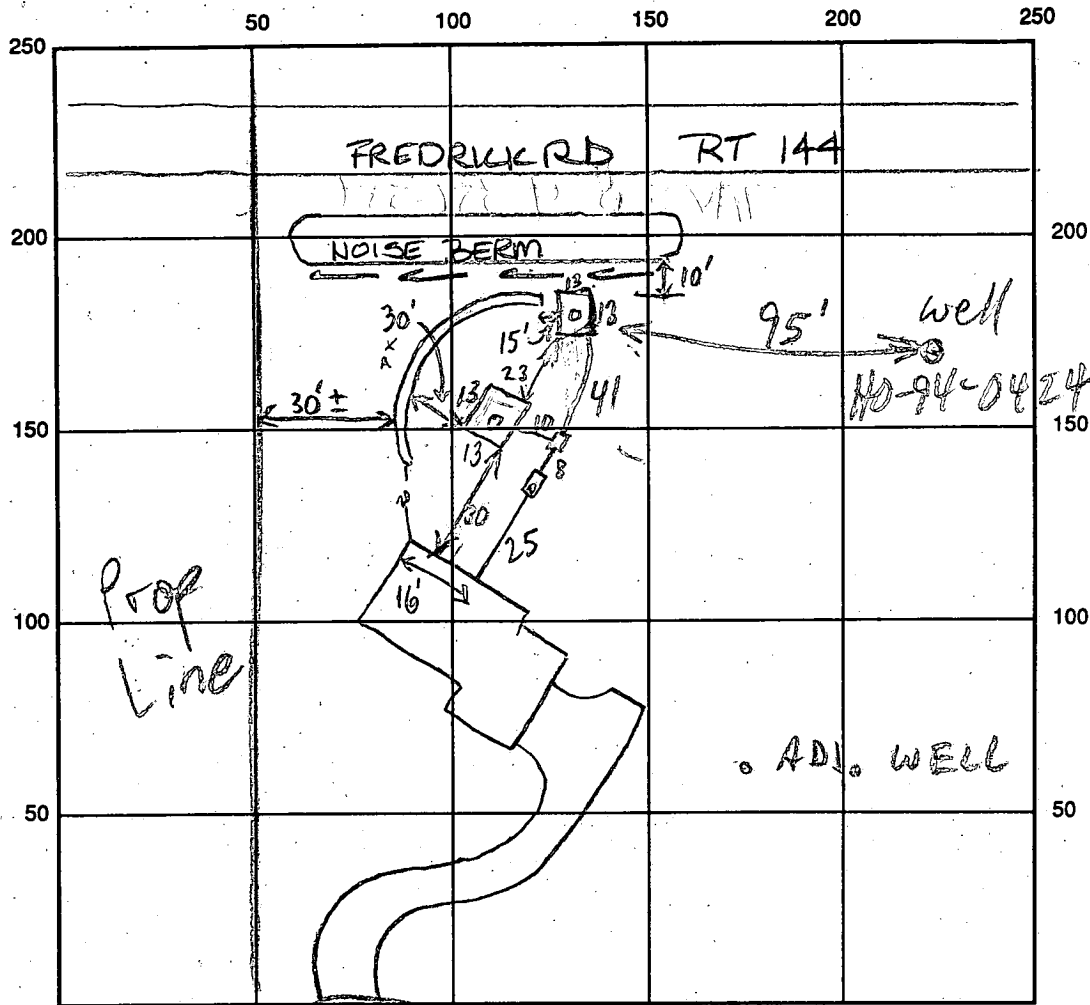
PERMIT VOID AFTER TWO YEARS

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 PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

A 49056



INDICATE NORTH NAME ADJOINING ROADWAY AS BASE LINE
EMMAUS

SEPTIC TANK LEVEL 1250 GAL-OK CLEANOUTS S.T. & INLINE-OK
 DISTRIBUTION BOX LEVEL OK - BAFFLE IN
 DRAIN FIELD/TITLE DEPTH 12 FT. TRENCH WIDTH FT. INLET DEPTH 3 FT.
 EFFECTIVE GRAVEL DEPTH FT. TOTAL LENGTH FT.
 NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA SQ. FT.
 DRYWALL INSIDE DIAMETER 13x13 each FT. EFFECTIVE DEPTH BELOW INLET 9 FT.
 ABSORBENT AREA 936 SQ. FT. (52x9)x2

REMARKS: 11/15/96 stop work - house moved, noise berm in SDA & 1st trench
has 250% ex of 5.0' Test hole 10' down from trench #1 OK ALM
11/18/96 WALL CHECK REC'D, HOUSE LOC. OK MR
12/2/96 MET BLDR & KENNY @ SITE; 30-40% SEPTIC AREA SEEMS
LOST; BEST OPTION IS 2 13'x13' DRYWELLS MR
12/10/96 OK TO COVER ALL MR
 DATE SYSTEM APPROVED 12/10/96 INSPECTOR M. Ritkin

APPLICATION

PERCOLATION TESTING

A 49054

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 3/16/93

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER CHARLES & CAROL SCHROEDER David Naughton

ADDRESS 1245 MORGAN STATION RD PHONE 301 854 6217

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 12 on signed plat

ROAD AND DESCRIPTION EAST OF MORGAN STATION RD. SOUTH OF RT. 70
(1240 EMMAUS ROAD)

TAX MAP 8 PARCEL # 313

SIZE OF LOT ± 43,000 sq TYPE BLDG. SINGLE FAMILY
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNAL
AND RETURNED 8/23/96
Serial # 510101736 - (4 Bound)

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 _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING PERC OK - HOLD FOR PLAT MR 6/3/93

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

A49056

COUNTY #

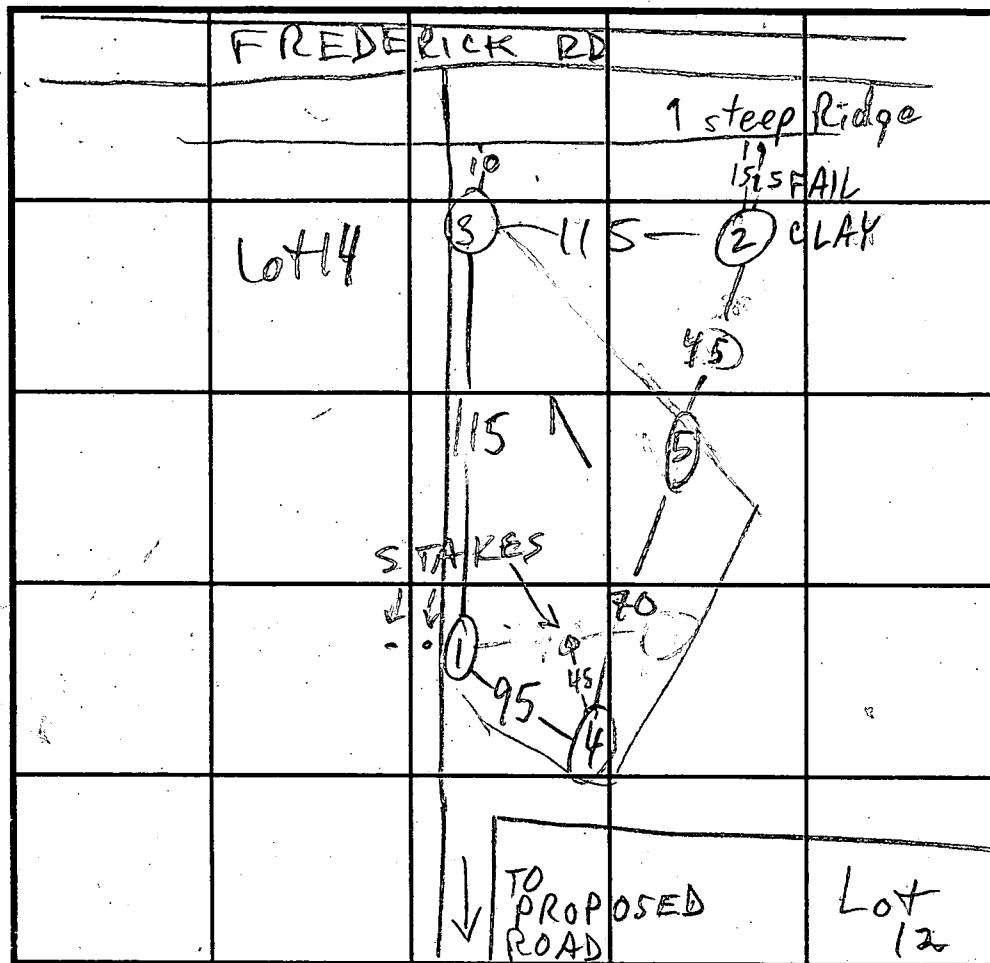
Lot 13

SOIL PROFILE

0' ①
brn red sacl/m
3' brn yel red sa lm
25-30% structured frags
12' ②

brn red clay + cl/lm
10-15% frags
7-8' brn sa sl loam
15-20% frags
102' ③

brn red sacl/m
5-10% frags
5' tan red yel sa lm
15-20% frags
119"



SOIL PROFILE

0' ④
brn org sacl/m
3 1/2' tan red yel sa lm
10% frags
12' ⑤
org clay + cl/lm
6' red org sa lm
10% frags
12'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/14/93	1S	3'9"	2:35	2:39	2:39	2:45	6
	1V	12	see profile				
	2S	5 1/2 6	2:59 3:08	3:04 3:19	NO MOVEMENT < 1/4"		
	2V	10 1/2	clay	to 7-8	FAIL		
	3S	5'10"	3:53	4:08	4:08	4:30	22
	3V	11'9"	see profile				
5/18/93	4S	4 1/2	2:07	2:13	2:13	2:23	10
	4V	12	see profile				
	5S	5 1/2 6 1/2	2:27 3:03	2:53 3:16	3:16	3:48	32
	5V	12	see profile				

REMARKS HOLES ①-③⑤ PER REVISED RED LINE PLAN; USE ①③-⑤

TYPE OF SOIL _____
 TESTED BY M. Rifkin ALSO PRESENT Fyock crew
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 17 1/2 TRENCH WIDTH 2
 INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 8 SQ. FT./BEDROOM 240

C1 3678

SEQUENCE NO. (DENY 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 49056

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

050195

042595

340

HD-94-0424

OWNER Schroyer Charles STREET OR RFD Emmaus Rd TOWN Lisbon SUBDIVISION WALNUT SPRINGS SECTION LOT 12

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: Brown Shale 0-52, Blue Rock 52-340.

GROUTING RECORD WELL HAS BEEN GROUTED (YES/NO) TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY NO. OF BAGS NO. OF POUNDS GALLONS OF WATER DEPTH OF GROUT SEAL

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE Nominal diameter Total depth

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

SCREEN RECORD screen type or open hole insert appropriate code below

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. WELL HYDROFRACTURED

DEPTH (nearest ft.) H0 54 340

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

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

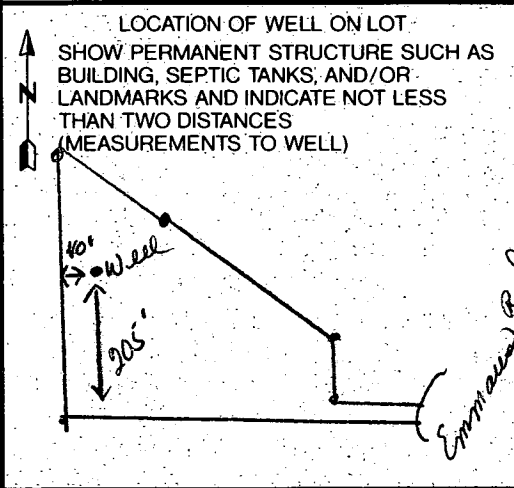
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION"

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q TELESCOPE CASING LOG INDICATOR OTHER DATA

DRILLERS IDENT. NO. 24 DRILLERS SIGNATURE Joseph Mays SITE SUPERVISOR

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 5 METHOD USED TO MEASURE PUMPING RATE Bucket

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



**SEPTIC SYSTEM
DESIGN DATA:**

- ① 4 Bedrooms (First Floor Service Only / Wall Hung Sewer)
- ② Invert @ Wall : 580.90
- ③ 1250 Gallon Septic Tank
Provide Manhole to Grade
Ex. Grade over Tank: 584.00
Fin. Grade over Tank: 584.00
Invert In: 580.50 Invert Out: 580.20
- ④ Distribution Box:
Ex. Grade @ Box: 584.10
Fin. Grade @ Box: 584.10
Invert : 580.10
- ⑤ Trench Data: 60 SF / BR
4 BR x 60 LF = 240 LF

Trench A:

Ex. Grade : 582.00
Invert : 578.00
Bottom of Trench: 574.00
Length: 1 @ 60 ft = 60 ft. Width: 2'-0"

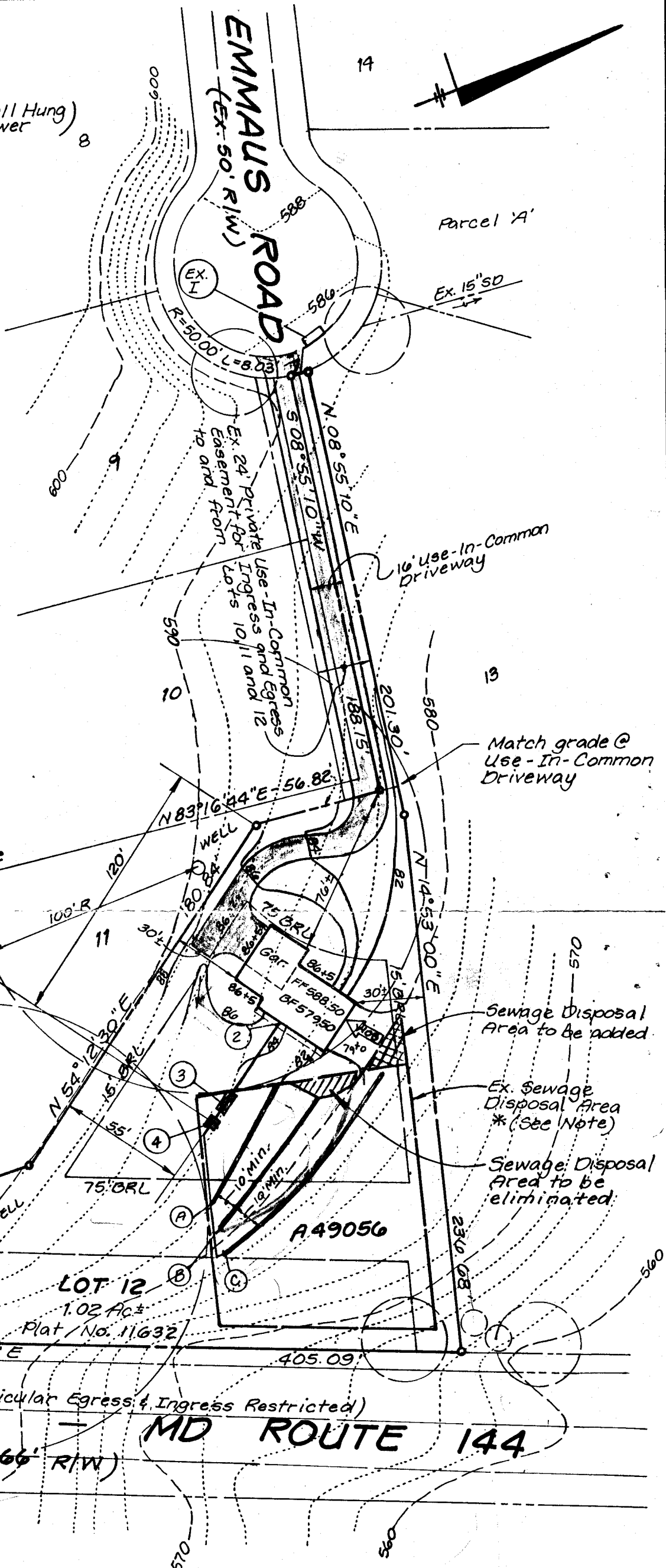
Trench B:

Ex. Grade: 580.80
Invert: 576.80
Bottom: Trench: 572.80
Length: 1 @ 70 ft = 70ft.
Width : 2'-0"

Trench C:

Ex. Grade: 579.00
Invert : 575.00
Bottom Trench: 571.00
Length: 1 @ 110 ft = 110 ft
Width: 2'-0"

NOTE: First floor service only. Sewage pump required for basement sewer service.



Approved Septic System Plan
Howard County Health Department
B00101726

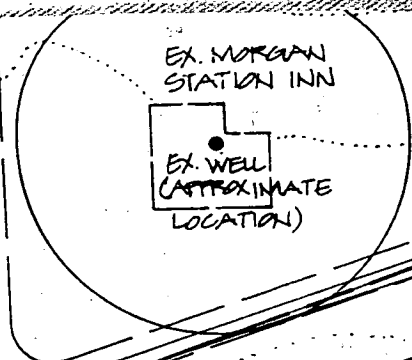
Mark E. Lefkin 8/23/96
Signature Date

Sewage Disposal Area to be added.
Ex. Sewage Disposal Area * (See Note)
Sewage Disposal Area to be eliminated.

* **NOTE:** BY COPY OF THIS PLAN THE HEALTH DEPARTMENT ACCEPTS THIS MODIFICATION TO THE RECORDED SEWAGE EASEMENT.

LDE, Inc. 9250 Rumsey Road, Suite 106 Columbia, Maryland (410)715-1070 - (301)596-3424 - Fax(410)715-9540		Plot Plan LOT 12 - WALNUT SPRINGS 4th Election District Howard County, Maryland	
		Scale: 1"=50' Date: Aug 1996	LDE Job # 96-046 Sheet 1 of 1

MARYLAND ROUTE 144 - FREDERICK ROAD



585

590

EX SEPTIC AREA *A24125

EX. WELL

EX. WELL

LOT 9

210

209

208

207A

207

124B

124A

124

125

123A

123B

120

119

118

LOT 12

LOT 11

LOT 10

LOT 8

126

2

27

5

128

4

600

590

193A

129A

129

580

LOT 13

570

129B

129C

560

133

131A

131

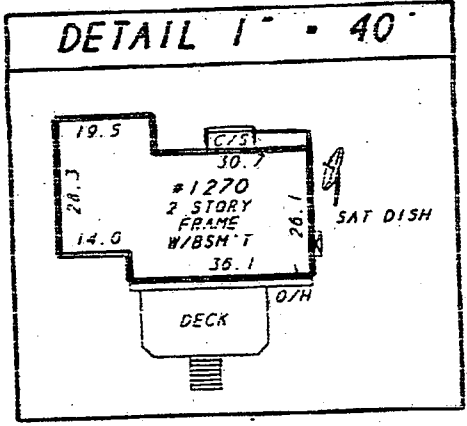
132

550

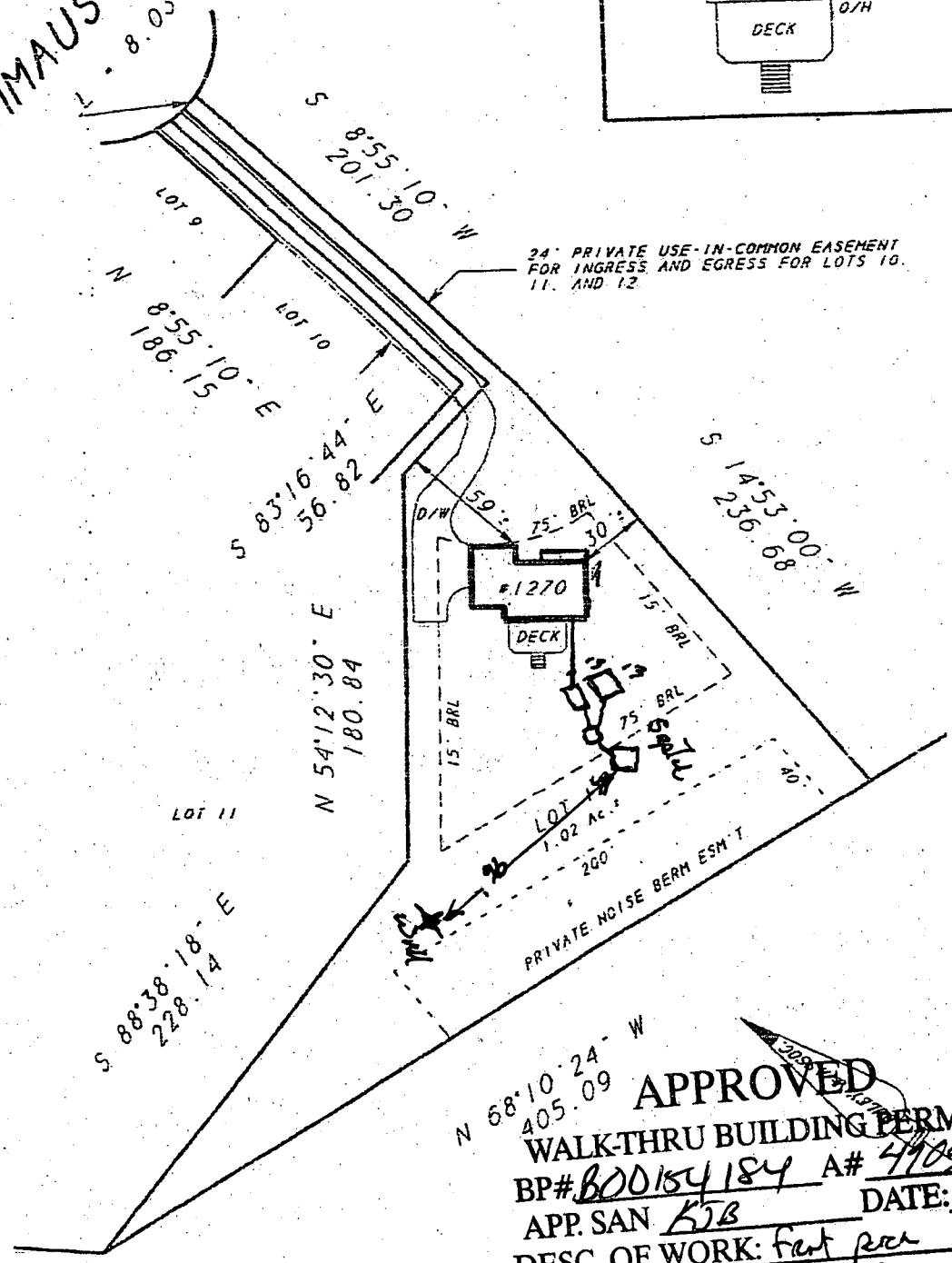
Copy of Signed Perc Cert

540

540



EMMAUS ROAD



APPROVED
WALK-THRU BUILDING PERMIT
 BP# B00154184 A# 49056
 APP. SAN KJB DATE: 6/10/10
 DESC. OF WORK: foot per w/
existing foundation w/ log walls
LOCATION SURVEY OF:



**DULEY
 AND
 ASSOCIATES, INC.**



D.G. METRO OFFICE

SOUTHERN MD. OFFICE
 2602 THREE NOTCH RD

#1270 EMMAUS ROAD
 LOT 12
 PLAT OF CORRECTION
 WAI MIT SPRINGS