

5/18/95
12:00
5-19-95
Anytime

03-313956

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE INDEXED

P 50692

A 40475

DISTRICT 3rd

DATE 5-11-95

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~

313-2640

DATE SYSTEM APPROVED 5/19/95

INSPECTOR [Signature]

L & F Company IS PERMITTED TO INSTALL ALTER

ADDRESS 10688 Scaggsville Road PHONE 725-3392

SUBDIVISION Friendship Lake LOT 3 ROAD ~~18729 Old Rover Road~~

PROPERTY OWNER Steven R. Grimm 2930 New Rover Rd.

ADDRESS _____

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 3 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 6.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Starting from the intersection of the 206.00 and 175.00 lot line, place distribution box 170 feet up the 206.00 lot and 85 feet off that same lot line. Run trenches on contour toward the left back property corner.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 5/19/95 DRS

PLANS APPROVED BY Amy McMillen DATE 04/18/95

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 WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

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

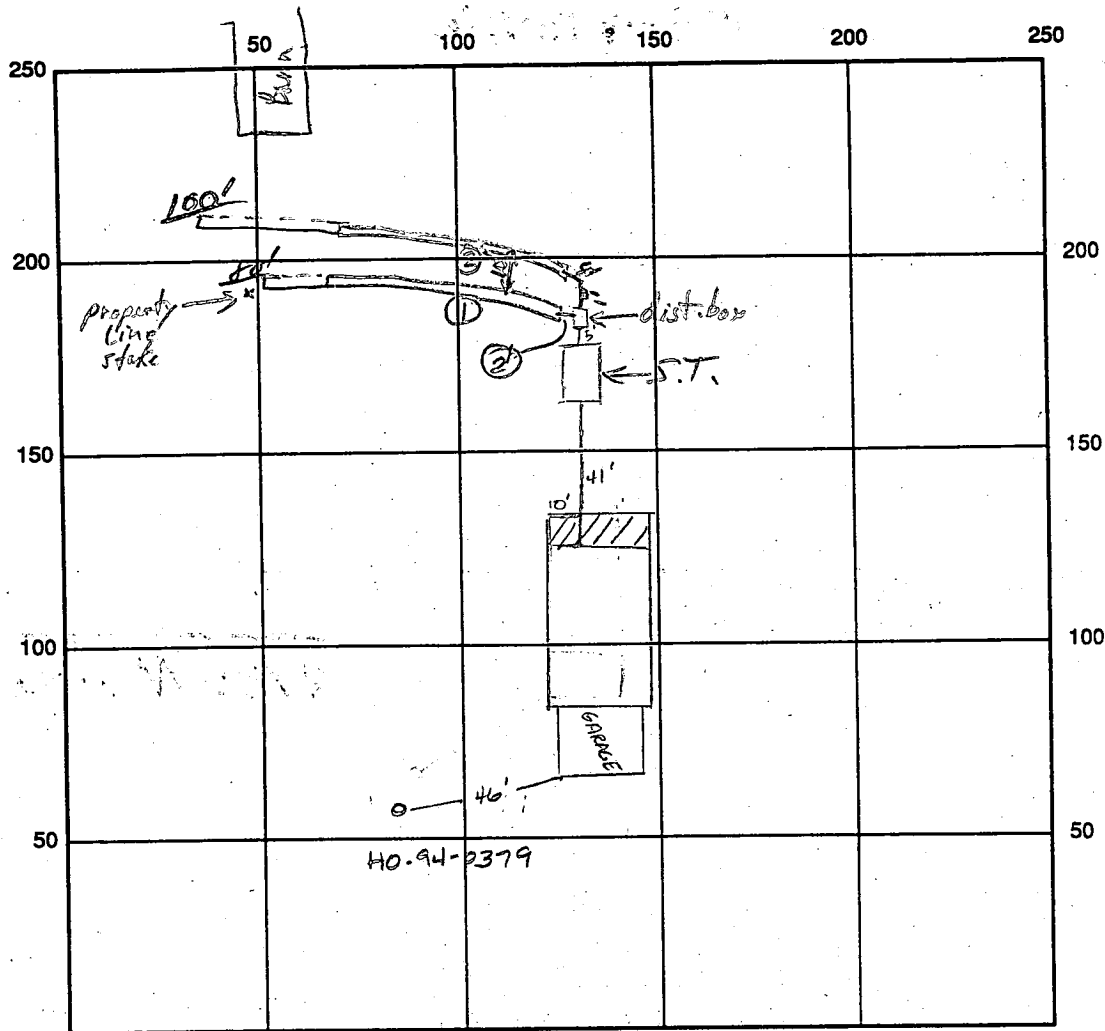
PERMIT VOID AFTER TWO YEARS

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**

40475



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 gallon S.T. was installed 5/19/95 ~~OK 1000 gal~~ CLEANOUTS ✓ S.T.

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 6 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 1/2 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 80/100 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 540 SQ. FT.

DRYWALL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS: 5-16-95 House connection made, OK to begin trenches 15' foot lower in SDA than specs call for. Leave ends of drain fields open for inspection. All plan to extend Trench #1 ten foot ends; Trench #2 thirty foot from ends or completed today to allow for total 180 L.F. (Two 90' long trench installed as of today) Approved by RPP 5/18/95 OK to cover work completed so far. Open Trench #2 OK to grand remaining 30' - OK to cover when finished - full job includes when Tr #1 completed. RPP 5/18/95
OK to Cover System RPP 5/19/95

DATE SYSTEM APPROVED 5/19/95 INSPECTOR [Signature]

C1 3566

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=40475

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well 22 300 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 10-94-0379

OWNER RICH ED STREET OR RFD last name OLD ROVER ROAD first name TOWN GLENELL SUBDIVISION FRIEDBERG LAKE SECTION LOT 3

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 Top soil, Clay, Sand Silt, clay Shale, gravel, Mica, Sand Stone, Mica, Quartz, mica.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 30 NO. OF POUNDS 300 GALLONS OF WATER 150 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 70 ft.

CASING RECORD casing types insert appropriate code below ST CO STEEL CONCRETE PL OT PLASTIC OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot) ST 6 98

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

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO STEEL BRASS OPEN HOLE PL OT PLASTIC OTHER

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. WELL HYDROFRACTURED yes Y no X

CIRCLE APPROPRIATE LETTER 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 26.04.04 "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. 40 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

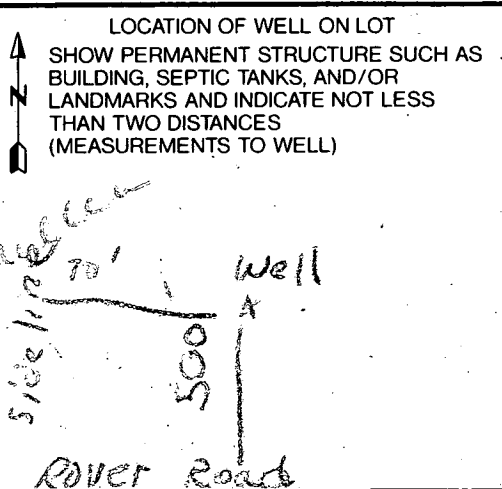
C2 DEPTH (nearest ft.) H 0 76 300 E A C H S C R E E N 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51

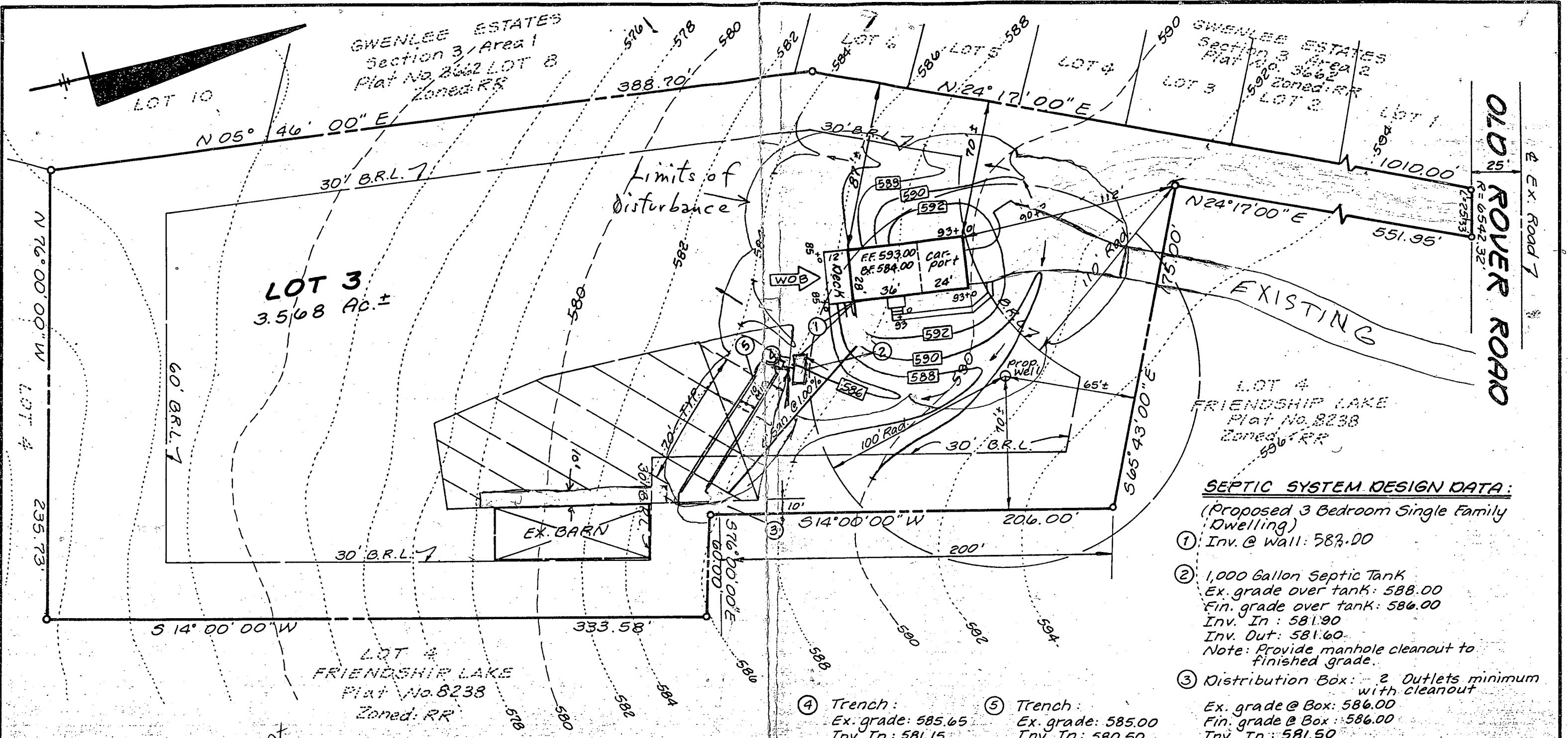
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL, INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

C3 PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 67 METHOD USED TO MEASURE PUMPING RATE PUMP WATER LEVEL (distance from land surface) BEFORE PUMPING 451 WHEN PUMPING 237 TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP YES NO IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: 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 (nearest foot)





- SEPTIC SYSTEM DESIGN DATA:**
 (Proposed 3 Bedroom Single Family Dwelling)
- ① Inv. @ Wall: 587.00
 - ② 1,000 Gallon Septic Tank
 Ex. grade over tank: 588.00
 Fin. grade over tank: 586.00
 Inv. In: 581.90
 Inv. Out: 581.60
 Note: Provide manhole cleanout to finished grade.
 - ③ Distribution Box: 2 Outlets minimum with cleanout
 Ex. grade @ Box: 586.00
 Fin. grade @ Box: 586.00
 Inv. In: 581.50
 Provide 2 Outlets minimum with cleanout
 Trench Data: 180 SF/BR
 3 BR x 180 SF = 540 SF ÷ 4 = 135 LF Trench
 Use 2- 70 Ft. Long Trenches

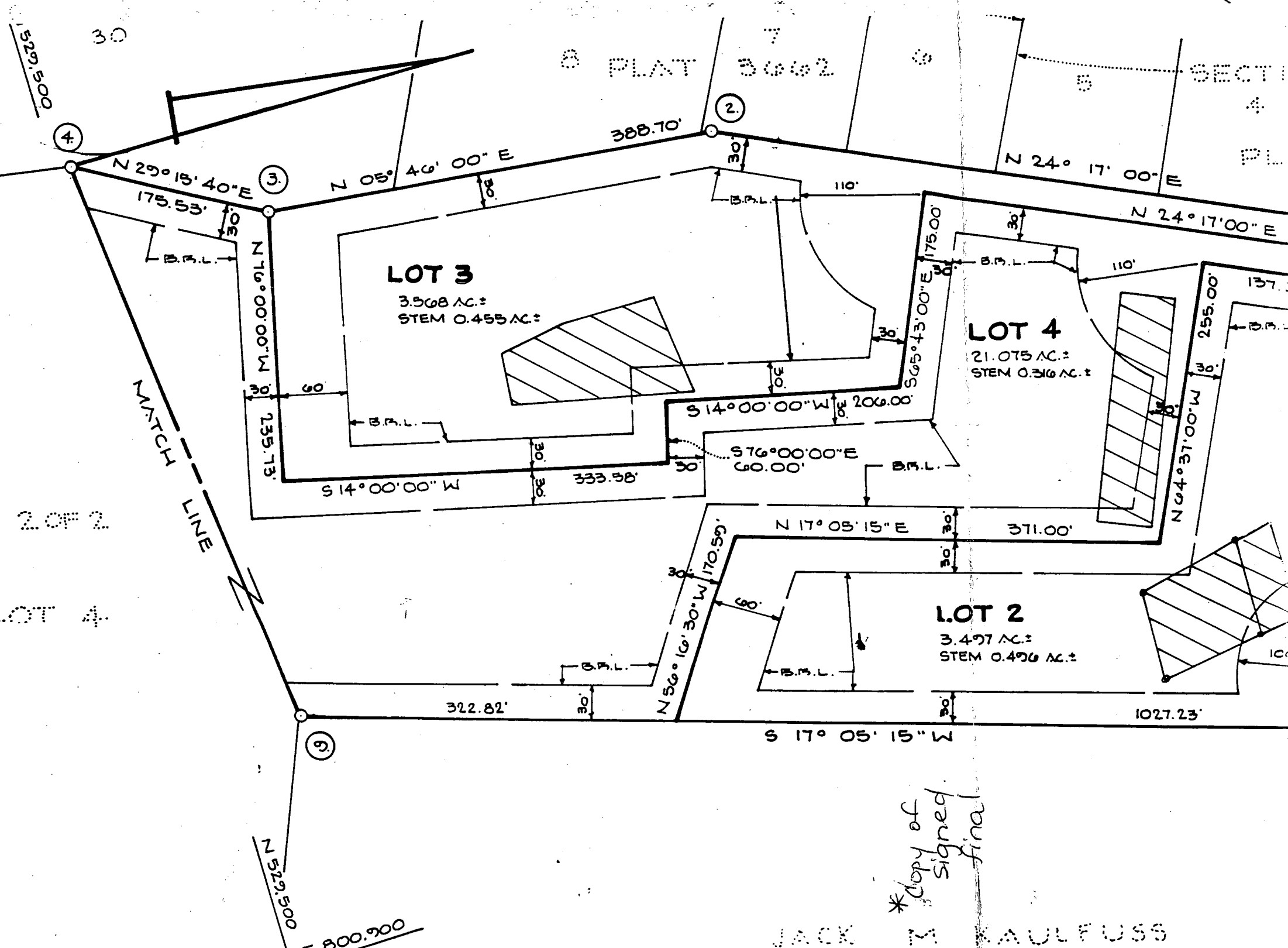
- ④ Trench:
 Ex. grade: 585.65
 Inv. In: 581.15
 Bottom: 577.15
 Length: 70'
 Width: 3'
- ⑤ Trench:
 Ex. grade: 585.00
 Inv. In: 580.50
 Bottom: 576.50
 Length: 70'
 Width: 3'

*Shown adjustment
 OK per CBrian
 streaker - see well
 site plot plan.
 AMW*

**Approved Septic System Plan
 Howard County Health Department**

Amy M. Millen 4-18-95
Signature Date

LAND DESIGN ENGINEERING, INC. 8835 Columbia 100 Parkway, Unit N, Columbia, MD 21045 (410) 715-1070 (Balto.) (301) 596-3424 (Wash.) (410) 715-0601 (Fax)		PLOT PLAN FRIENDSHIP LAKE - LOT 3 3rd Election District, Howard Co., MD.	
		Date: 12-9-94	Drawn: KBW
Scale: 1" = 50'		Job No.	Sheet: 1 of 1



SHEET 2 OF 2

LOT 4

*copy of signed final

JACK M. KAULFUSS

APPLICATION

PERCOLATION TESTING

A 40475
P _____

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

DISTRICT 1TH. ELEV. 4214
DATE 11/16/87

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 ~~C. EDGAR JENKINS JR.~~ Steven R. Grimm

ADDRESS 13721 OLD ROVER ROAD PHONE 301-531-4606
WEST FRIENDSHIP, 21794

PROSPECTIVE BUYER NA

ADDRESS NA PHONE NA

PROPERTY LOCATION:

BLDG. PERMIT SIGNED
AND RETURNED 4/18/95
Serial # 58091
LOT NO # 2 SFD-3Bm

SUBDIVISION MINOR SUBDIVISION

ROAD AND DESCRIPTION OLD ROVER ROAD EXTENSION (13723 Old Rover Road)

TAX MAP 16 PARCEL # 175

SIZE OF LOT 3 ACRE TYPE BLDG SINGLE FAMILY
(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. C. Edgar Jenkins
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

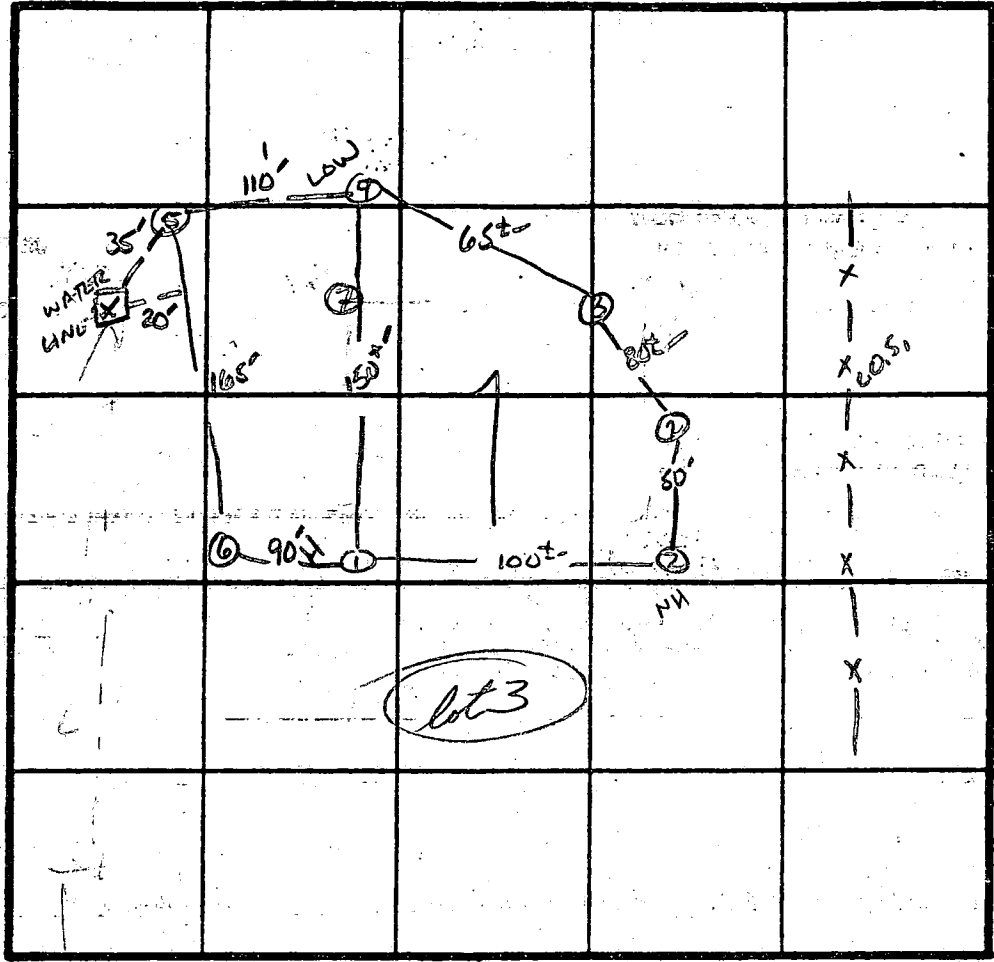
REASONS FOR REJECTION OR HOLDING 12/7/87 Reu Satisfactory. hold for PCAT. SAC

HD-216

THIS IS NOT A PERMIT

SOIL PROFILE

8" A.P.H.K.
 Red Brown
 SH. CLAY. Ca.
 <10% frags
 4'-5" Yellow Red
 to yellow bl.
 med. depth
 SAITY SAND
 LOAM
 SMALL AMT
 OF QUARTZ
 10-15%
 Slightly
 inc. pores
 12.5"



X Perc 8 min
 170#/BR
 Inlet 4.5
 Bottom 9.0

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
 OLD ROVER Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
02/7/87	1S	4.5'	1115	1119	1119	1123	4 MIN
		8.0'	1115	1119	1119	1123	4 MIN
	1V	12.5'	UNIFORM Soil below 4'				
	2V	7'	CLAY				
	3V	7'	CLAY				
	4S	5.5'	1123	1129	1129	1138	9 MIN
		12.5'	UNIFORM Soil below 5.0'				
	5S	5.5'	1137	1145	1145	1159	14 MIN
		12.5'	UNIFORM Soil below 5.0'				
	6S	4.5'	1150	1153	1153	1158	5 MIN
		12'	UNIFORM Soil below 4.0'				
	7V	12'	UNIFORM soil below 8'				

REMARKS: Holes DIFF THAN SUCCESSION PLAT/^{WATER}LINE MUST BE ABANDONED before APPROVAL

TYPE OF SOIL Chester

TESTED BY S. Abel

ALSO PRESEN H. Sirlak

APPLICATION

PERCOLATION TESTING

A 59907

P _____

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

DISTRICT _____

DATE 4/1/98

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 Louis Anier, etal

ADDRESS 18612 Meadowland Terrace, Olney md 20832 PHONE (4301) 570-6083

AGENT OR PROSPECTIVE BUYER SAM Ecker

ADDRESS P.O. Box 187 West Friendship, MD 21794 PHONE (410) 992-8486

PROPERTY LOCATION:

EX HOUSE

SUBDIVISION RESUB OF FRIENDSHIP LAKE LOT NO. NEW LOT # 83

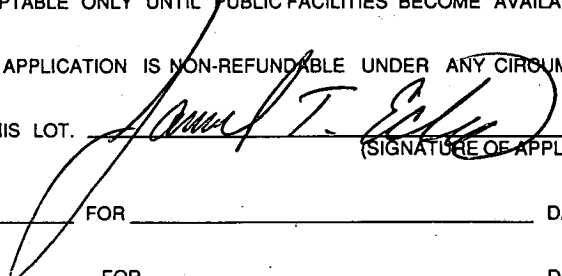
ROAD AND DESCRIPTION 13721 OLD ROVER ROAD W. FRIENDSHIP MD 21794

LOTS 1, 2, 4

TAX MAP 15 PARCEL # 175 Grd 19

SIZE OF LOT 730, 828 sq TYPE BLDG. SFD
(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 OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

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

COUNTY #

SOIL PROFILE
104 101

0'
dark
red
orange
SiCLM

4.0
bright
br
red
SiLM
<10%
rock

10.0

103

4'
bright
red
SiCLM

orange
yellow
SiLM
Mg
deposits
on
ped
bases

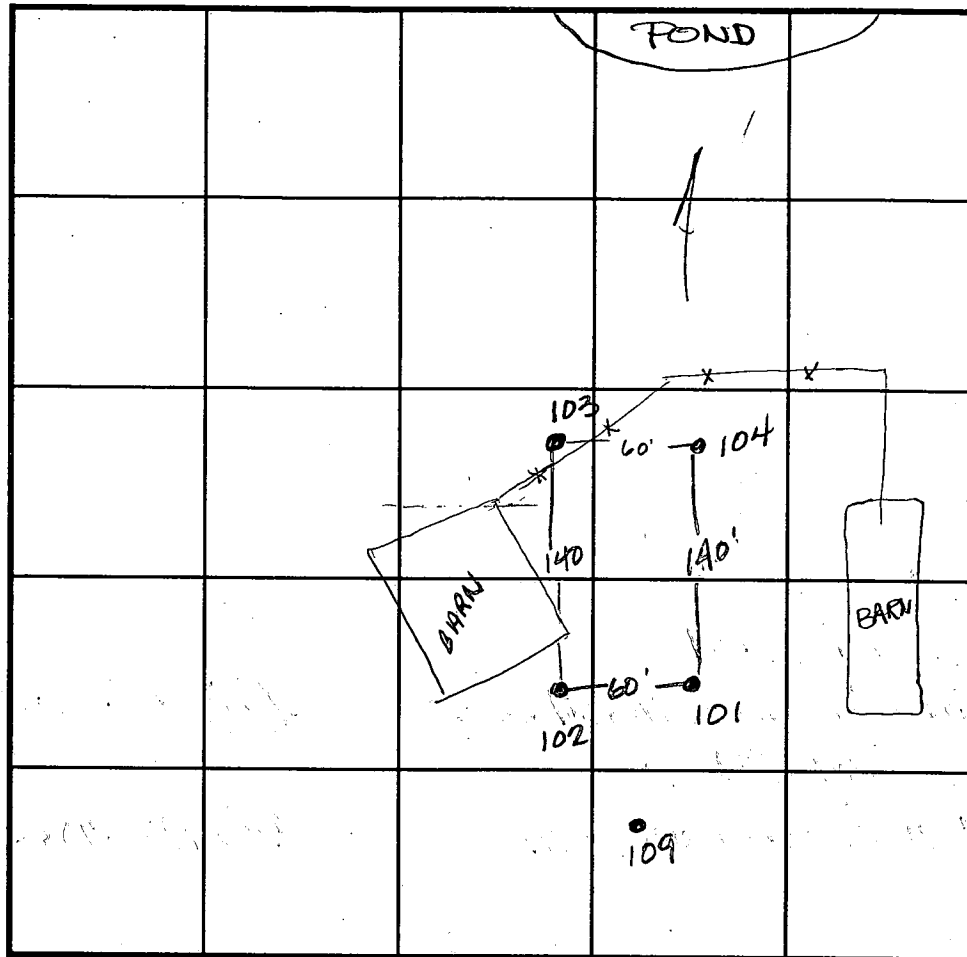
10.0

SOIL PROFILE
101 102
109

0'
heavy
red
brown
SiCLM

4.0
bright
red
to
pink
SiSalm
no
rock

10.0



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE 500 Rover Rd

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2-9-99	101	5.0 12.0	10:43	10:49	10:49	11:02	13min
	102	Visual to 10.0	- see profile		—		OK
	104	Visual to 10.0	- see profile		—		OK
	103	5.0 12.0	11:08	11:11	11:11	11:16	5min
	109	Visual to 11.0'	- see profile		—		OK

REMARKS _____

TYPE OF SOIL _____

TESTED BY Amy McMillen ALSO PRESENT Sam Ecker

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

LOODPLAIN
EASEMENT

ON PARCEL "A"

5 SF
AC.

Co 22
(17)

Co 22
(17)

BARN

EXISTING BARN TO
BE REMOVED

EXISTING
HOUSE

FRIENDSHIP LAKE, LOT 1 THRU 4
PLAT 8238
LOT 5

LOT #14
34,197 SF

LOT #11
40,000 SF

LOT #10
40,000 SF

LOT #9
40,000 SF

LOT #8
40,052 SF

LOT #15
40,000 SF

LOT #13
9,124 SF

LOT #12
818 SF

EXISTING BARN TO BE
REMOVED

NEW ROVER
ROAD

