

6/19/91
F.C.O.P.

PERMIT

SEWAGE DISPOSAL SYSTEM

File #
04-346653P
C.I.P.C.O. 47602
A 38370

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEX - TIME EXPIRED FOR

DISTRICT 4th

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

F.C.O.P. COMPLIANCE

DATE 4/16/91

DATE SYSTEM APPROVED 6/2/91

INSPECTOR C.B.D.

7/15/93 INDEXED
C. Williams / C.B.D.

Paul Schissler/South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 875-4197

SUBDIVISION Glenwood Springs LOT 22 ROAD 2850 Glenwood Springs Drive

PROPERTY OWNER Dennis H. Smith 884-5405

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM 720 sq. ft. for 4 bedrooms.

LINEAR FEET OF TRENCH REQUIRED 240 Linear ft. for 4 bedrooms.

TRENCHES - 180 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 120 feet up the left (599.75') lot line and 100 feet off the same lot line as seen when facing the lot from Glenwood Springs Drive. 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. O.K. 3/27/91. B.I.

PLANS APPROVED BY Sid Abel cm DATE 05/13/88

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.

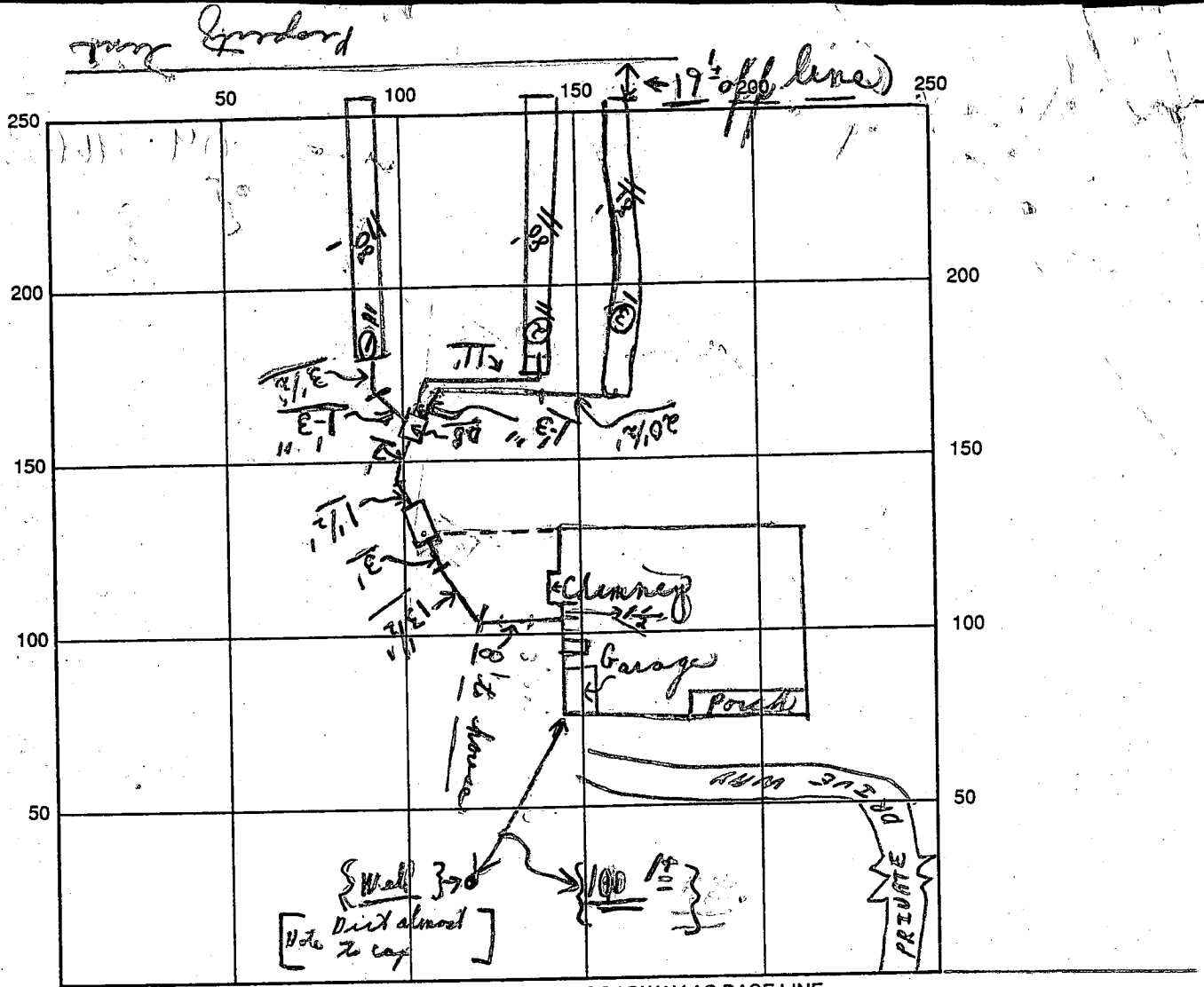
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

BLDG. PERMIT SIGNED
AND RETURNED 3/23/95
Serial # 58570
addition

BLDG. PERMIT SIGNED
AND RETURNED 9/24/96
Serial # B 0108933
addition In Law Suite

A 38370



SEPTIC TANK LEVEL OK CLEANOUTS OK
 DISTRIBUTION BOX LEVEL OK (Baffles in)
 DRAIN FIELD/TITLE DEPTH 5 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 1/2 FT.
 EFFECTIVE GRAVEL DEPTH 2 + FT. TOTAL LENGTH 80' + 80' + 81' FT. = (241)
 NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 723 SQ. FT.
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

6/7/91 ABSORBENT AREA 723 + SQ. FT.

REMARKS: 6/7/91 Early P.M. Partial ok for stone sites in last trench (3) and to cover #1 trench and #2 trench and back to dirt box to 1'; ok to cover from 6' of house to 1' of distribution box; 6/7/91 Final all work done; late P.M. C.B.C.

- ① + ② 6/7/91 W.P.I. - not ready at end of day; trench only dug; CB
 ③ 6/10/91 W.P.I. NOT IN!! 6/9/91 INSPECTOR Charles Bryan, Theodor
 DATE SYSTEM APPROVED
 ④ 6/11/91 W.P.I. - approved C.B.C.

APPLICATION

PERCOLATION TESTING

A 38370

P _____

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

*2/3/87
perc OK'd finally
approved plan
(BR)*

DISTRICT _____

DATE 10-14-86

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 Dennis H. Smith

ADDRESS _____ PHONE 531-6946

PROSPECTIVE BUYER Ronald Carter

ADDRESS 8388 Court Ave., Ellicott City, Md PHONE 21043 461-2855

PROPERTY LOCATION:

SUBDIVISION Hakes Property LOT NO. Twenty Two

ROAD AND DESCRIPTION Hobbs Road (2850 Glenwood Springs Dr.) *from ok 4/29/87*

TAX MAP 14 PARCEL # 83,87,202

SIZE OF LOT 3+ACRES TYPE BLDG. SFD *4 Bedroom*

BLDG. PERMIT SIGNED
AND RETURNED 3/27/91
Serial # 20913 - SFD
SFD 4 Bedroom
(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.

Ronald P. Carter
(SIGNATURE OF APPLICANT)

APPROVED BY Sid Abel FOR Shallow Trenches DATE 8-13-88

REJECTED BY _____ FOR _____ DATE _____

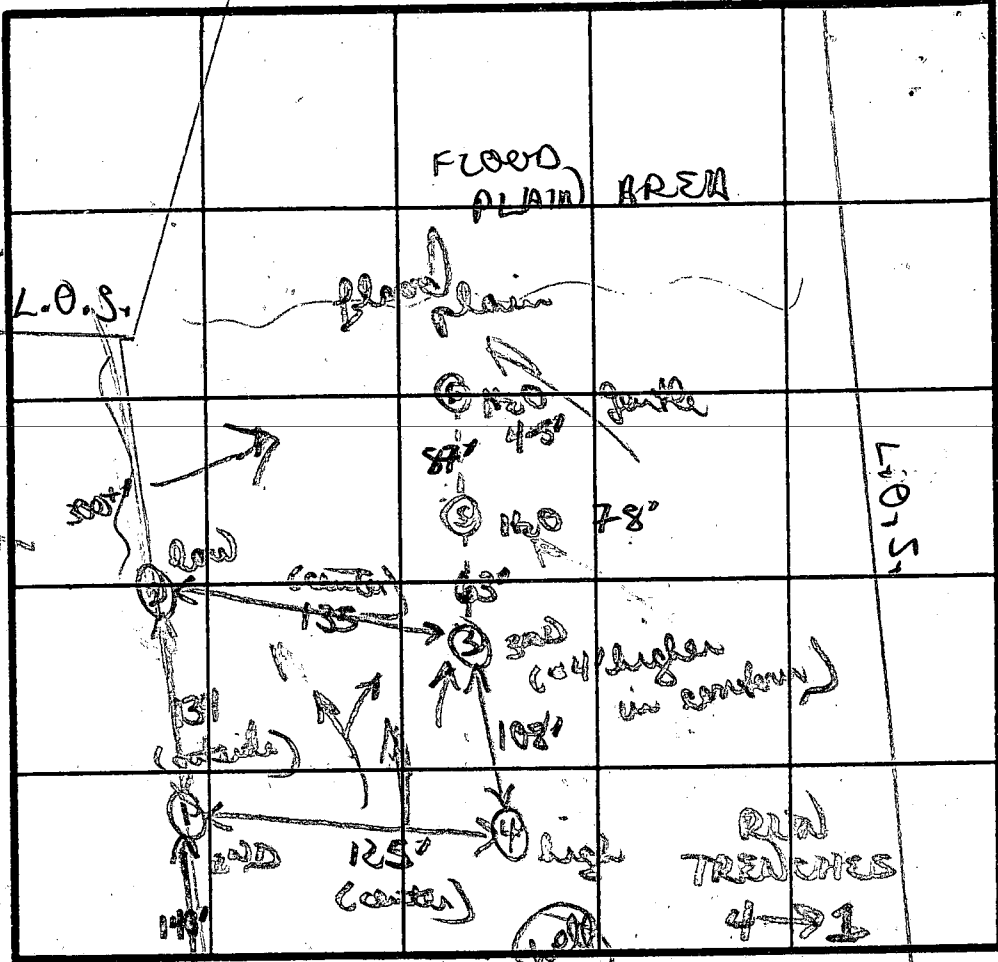
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING for field location of all holes (good & bad)

SHALLOW SYSTEM ONLY

THIS IS NOT A PERMIT

56



brown clay
silty clay 3'
to brown
silty
H₂O
patches of
moist
soils for
below H₂O
marks

X = 5min
WET 3E
MAX D. 5E
180 g/10

SOIL PROFILE

②
brown/orange
silty clay
3'
mostly
brown
light brown
silty
sandy clay
brown
11'D

orange/yellow
clay 2'
clay loam 3'
yellow
orange silty
loam
w/ 2-5% small
scattered
frag

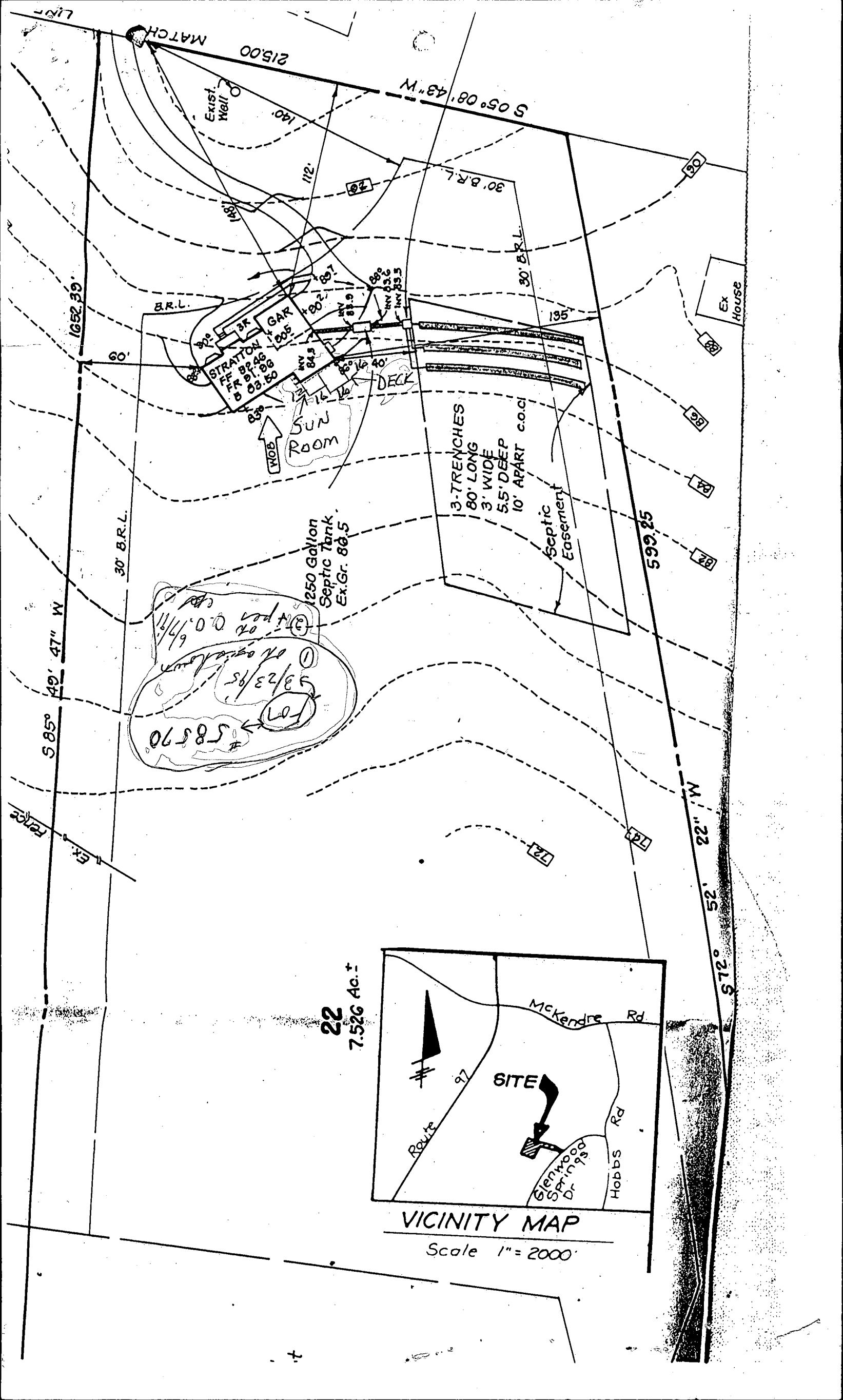
12'D
③ + ④
orange/red
silty clay
3'

to brown/orange
silty loam
loam w/ 4-5%
small scattered
frag
11E'D

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

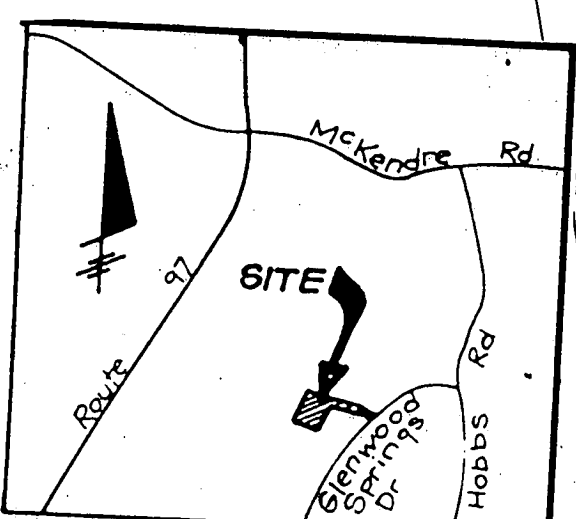
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/3/87	③	3 1/2' S	1217	1219	1219	1223	3min
		7 1/2' M	1217	1220	1220	1227	7min
		11 1/2' D	bottom (see profile)				
	⑤	3 1/2' S	1201	1203	1203	1205	2min
		7 1/2' M	1201	1202	1202	1204	2min
		11'D	bottom (see profile)				
	①	3' S	1140	1143	1143	1147	4min
		7' M	1140	1144	1144	1148	3min
		12'D	bottom (see profile)				
	④	3 1/2' S	1225	1231	1231	1243	12min
		12'D	bottom (see profile)				

REMARKS: SHALLOW SYSTEM ONLY H₂O in 2 low lying
brown/orange clay/silt loam 3-4'; light brown
TYPE OF SOIL: orange silty loam
TESTED BY: B. Neff
ALSO PRESENT: Cliff Warren

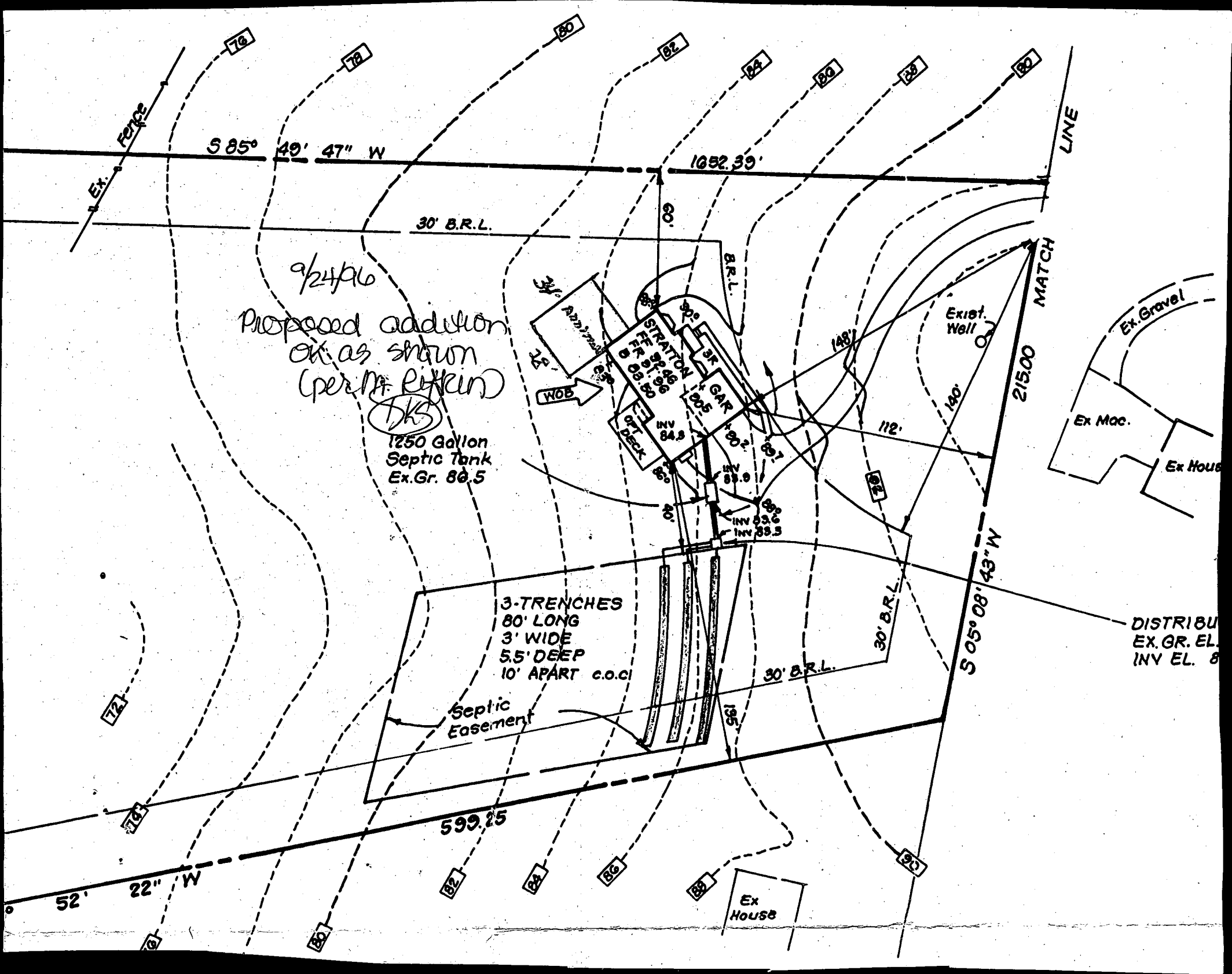


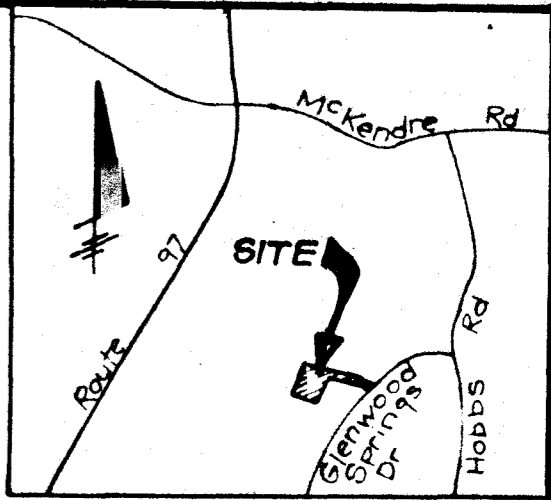
58570 #
 5/23/85
 6/7/85
 11/4/00

22
 7.526 Ac.±



VICINITY MAP
 Scale 1" = 2000'

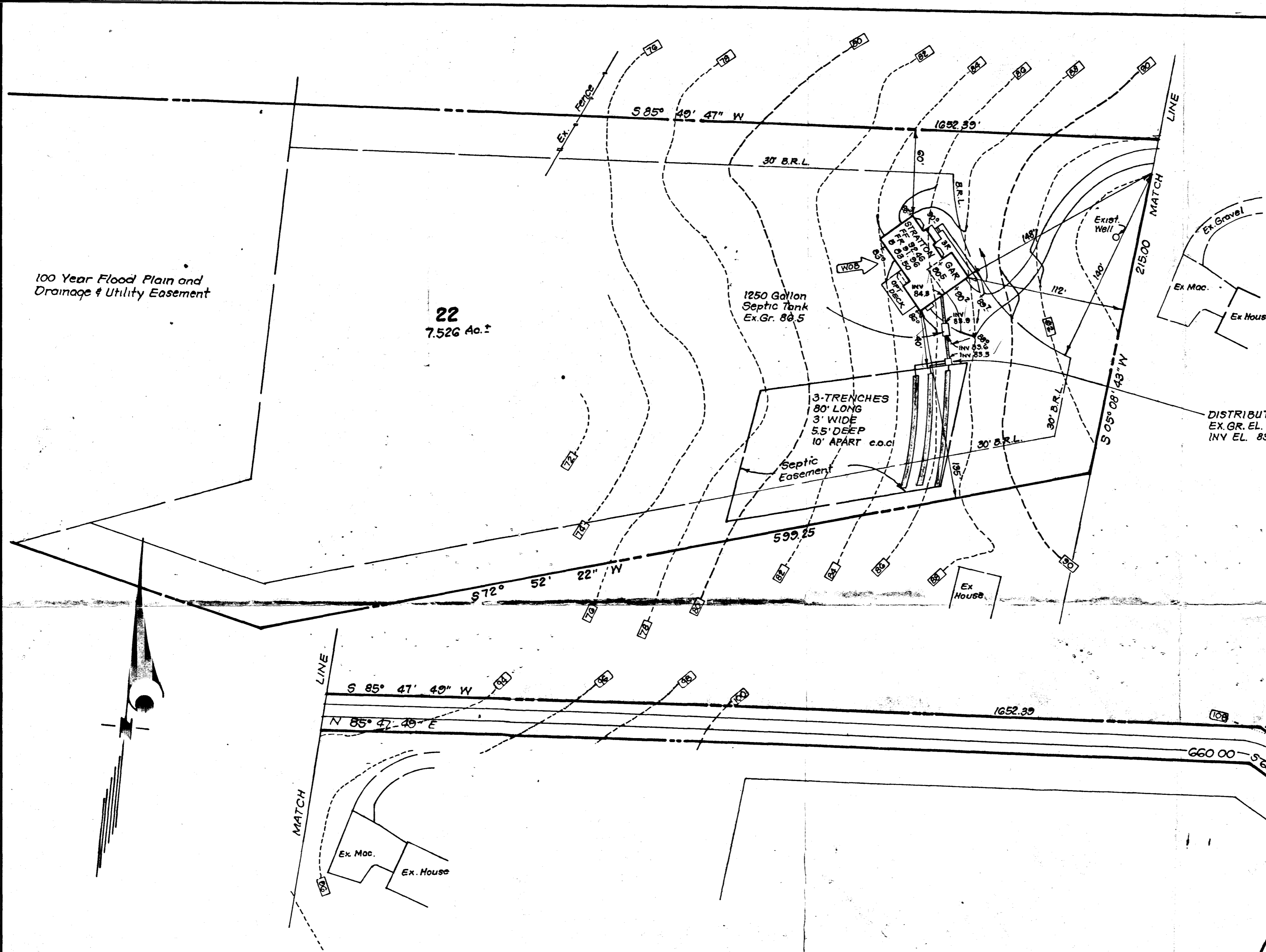




VICINITY MAP
Scale 1" = 2000'

LEGEND

- Contour Interval 2 Ft
- Existing Contour
- Proposed Contour
- Spot Elevation +00%
- Existing Trees to be Saved
- Walkout Basement



Topography shown was field run by Clark Finefrock & Sackett, Inc. March, 1991. Assumed Datum

3/22/91
PLANS O.K.
RH

Reference Plat No. 7682 4 Bedrooms A 38370

<p>CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA MD 21045 • (301) 381-7500 - BALTO • (301) 621-8100 - WASH</p>		SCALE	1" = 50'	
		DRAWING	1 OF 1	
DESIGNED	JME	<p>SITE DEVELOPMENT PLAN LOT 22 GLENWOOD SPRINGS SECTION ONE AREA ONE 4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND</p>		
DRAWN	BAL			
CHECKED	JME			
DATE	Mar., 1991	FOR:	<p>TRINITY BUILDERS, INC. 6212 Devon Drive Columbia, Maryland 21044</p>	<p>JOB NO 91-030,</p> <p>FILE NO. 91-030X</p>

C1 9530 SEQUENCE NO. (DENV 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-38370

DATE RECEIVED DATE WELL COMPLETED 070588

Depth of Well 205 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-81-2747

OWNER CARMAW ASSOCIATES STREET OR RFD last name GLENWOOD SPRINGS DR. first name TOWN Glenwood SUBDIVISION GLENWOOD SPRINGS SECTION LOT 22

WELL LOG Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes handwritten entries: Sand Stone, GRAY MICH ROCK, 0 80, 80 205.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 13 NO. OF BOUNDS 1222 GALLONS OF WATER 78 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 40 ft.

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE St Nominal diameter 6 Total depth 89

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

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO PL OT

DEPTH (nearest ft.) 140 98 205 EACH SCREEN SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

CIRCLE APPROPRIATE LETTER 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. 238 DRILLERS SIGNATURE Joseph L. Morgan

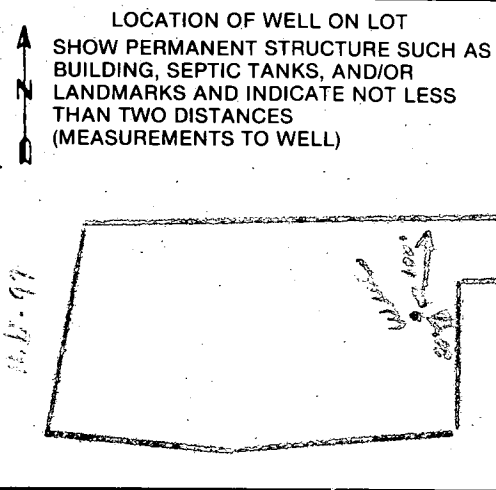
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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 (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 8.5 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 20 WHEN PUMPING 93 TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP YES NO (CIRCLE) (YES or 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)



6/1/91 12 PM
 6/10/91 2:15
 6/11/91 R.M. A.S.H.P.
 T/C

HOWARD COUNTY HEALTH DEPARTMENT
 Bureau of Environmental Health
 3525-H Ellicott Mills Drive
 Ellicott City, MD 21043
 461-9933

all ok
 6/11
 C. B. J.

① 6/7/91 P.M.
 ② No inspection
 No WORK C. B. J.
 6/10/91 No inspection
 No WORK C. B. J.

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation Replacement
 Receipt # 47089 Date 5/15/91
 Name of Installer Crouse P & H. Telephone 531-3311
 License Number 4450
 Certified Well Pump Installer Well Driller Registered Plumber
 Name of Property Owner Dennis Smith Telephone 531-6446
 Subdivision Glennwood Springs Lot # 22 Well Tag # No - 81 - 2747
 Site Address 2850 Glennwood Spring Dr

Mail cover

Pump
 1. Type
 a. Deep well jet
 b. Shallow well jet
 c. Submersible
 2. Make Faulds
 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

Tank
 1. Capacity 100 gal
 2. Pressure relief valve?

Piping
 1. Type Plastic
 2. Size _____
 3. NSF and/or BOCA Code approved
 4. Depth of supply line 42"

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: Robert Hopstetter
 Date: _____

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