

4-15-96
C/O

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P56540

A41280-A

DISTRICT 4th

DATE 4/4/96

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

313-2640

DATE SYSTEM APPROVED 7/9/96

INSPECTOR CW

INDEXED

09-350820

Jack Fyock Septic Service

IS PERMITTED TO INSTALL X ALTER

ADDRESS 13775 Triadelphia Road, Glenelg, MD 21737 PHONE 988-9270

SUBDIVISION Sharp Farms LOT 27 ROAD 3921 Sharp Road

PROPERTY OWNER Susan McConnell

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

*System to be installed above the platted septic easement on approximately the 779' contour interval.

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

* LOCATION + TRENCH CONFIGURATION CHANGES AT TIME OF INSTALLATION - DUE TO HIGH GROUNDWATER ELEVATIONS AT INTENDED LOCATION

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - place the distribution box 190' from the right lot line and 190' from the rear lot line as seen when facing the property from the driveway entrance to Sharp Road. Run trenches along contour toward right rear lot corner.

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

PLANS APPROVED BY Craig Williams REVISED DATE 4/1/96

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 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

OLD PERMIT SAVED AND RETURNED 5-5-96 Serial # BRO 117738 Sundick + Gargbo

A 41280-A



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer
April 2, 1996

Mr. Don Crosen (301) 854-6655
Crosen Homes, Inc.
3775 Shady Lane
Glenwood, MD 21738

RE: Building Permit #63863
Sharp Farms - Lot 27
3921 Sharp Road

Dear Mr. Crosen:

This is to confirm that the above referenced building permit application was approved subject to revisions in the septic system location, as discussed by telephone on April 1, 1996.

The disposal trenches are to be installed approximately 50' higher on the lot than shown on the submitted site plan. A rough copy of the revised location and suggested elevation adjustments has been enclosed.

The adjustment was by mutual agreement to resolve concerns about distance from the house and possible water table limitations at the low side of the property. Copies of the proposed adjustments have been forwarded to your site engineer and your septic contractor.

No plan revision is requested at this time, but will be required prior to occupancy approval. The wall check drawing, which ordinarily shows just the "as built" house location, can serve the purpose, provided it also shows the new septic location and a revised septic easement. This has been discussed with your engineer.

Thank you for your cooperation in this matter. If you have any questions about this matter please call 313-2640.

Very truly yours,

Craig Williams, Program Director
Water and Sewerage Management

CW:vr

Enclosure

cc: Susan McConnell

Joey Ecker

Licenses & Permits

Jack Fyock Septic Service

File

PCW

OK 7/9/96

APPLICATION

PERCOLATION TESTING

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043

TELEPHONE: 313-2640

DISTRICT _____

DATE 4-15-96

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 SUSAN McCONNELL

ADDRESS 3921 SHARP ROAD PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION SHARP FARMS LOT NO. 27

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____

(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 _____

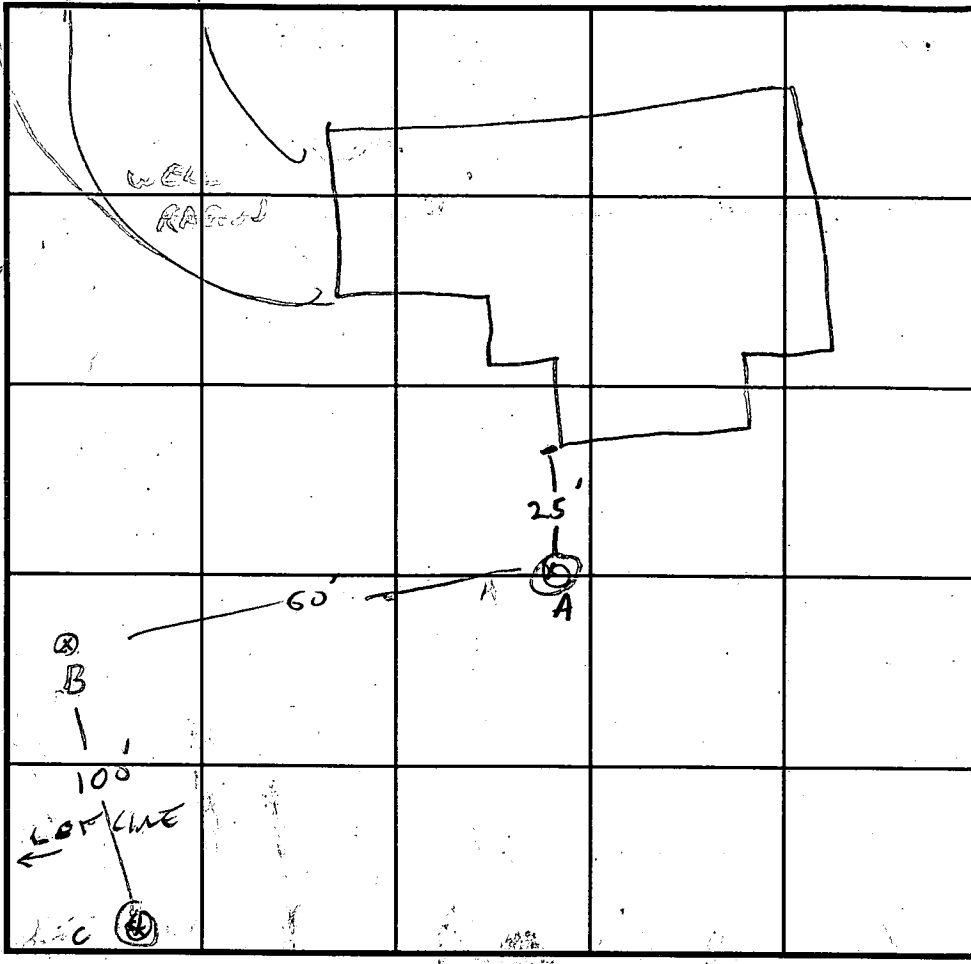
THIS IS NOT A PERMIT

↑ TO SHARP ROAD ↑

COUNTY #

SOIL PROFILE B

TOPSOIL 11' 6"
BROWN CLAY LOAM 6'
BROWN SILT LOAM 4' 8"
MOTTLES/BANDING BELOW 8'-9'



SOIL PROFILE A

TOPSOIL 11' 6"
BROWN CLAY LOAM 6'
MUST LOCATED FINE SILT LOAM MOTTLED/BANDING BELOW 6'
SEEPAGE BELOW 10'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-15-96	A	5' / 12'	1:55	1:59	1:59	2:05	6 MIN
	X B	3' 6"	NO MOVEMENT				
	X B	3' 6"	2:25	2:38	1/8 INCH TEST STOPPED		
	X C	4' 6" / 11' 6"	2:44	3:04	1/4 INCH		

REMARKS B, C WILL PERL AT 5' AREA OK FOR 154 SYSTEM

TYPE OF SOIL

TESTED BY G. SAVAGE

ALSO PRESENT RICK + DON - FYO 4-5

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 3 MIN @ 5' TRENCH WIDTH 3

INLET DEPTH 3 MAXIMUM BOTTOM DEPTH 5 SQ. FT./BEDROOM 180

240' TRENCH

APPLICATION

A 41280

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: 485-5000, EXT. 356

DISTRICT 4th

DATE 3/24/88

*2 LOTS on these Records
1 AS shown on sketch 1 new*

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 CHARLES A. SHARP

ADDRESS 3779 SHARP ROAD, GLENWOOD, MD. 21738 PHONE 489-4630

PROPERTY LOCATION:

27 on Final

SUBDIVISION SHARP FARMS, LOTS 1-16

LOT NO. 11

ROAD AND DESCRIPTION N.W. OF INTERSECTION BETWEEN SHARP ROAD
AND SHADY LANE

SIZE OF LOT

4.81 AC. ±

TYPE BLDG. S.F.D. - 4 BEDROOM

NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

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

SIGNATURE OF APPLICANT _____

APPROVED BY _____

FOR _____

(KIND OF SYSTEM)

DATE _____

REJECTED BY _____

FOR _____

(KIND OF SYSTEM)

DATE _____

HOLD PENDING FURTHER TESTS _____

DATE _____

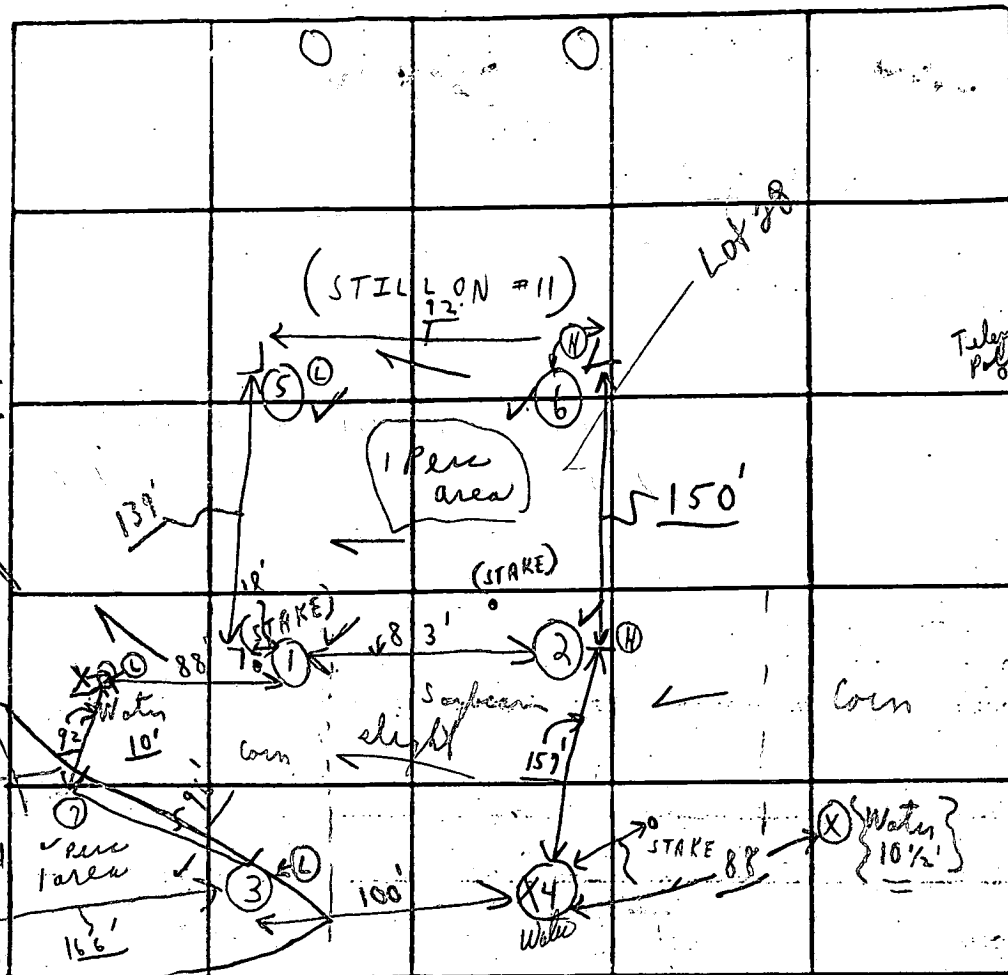
REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

#11

BELOW - T. SOIL
+ CLAY

LOAM



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

SHARP ROAD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/28/88	1A	4'	10:24	10:26	10:26	10:32	6m
	✓ 1B	11 1/2'	:	:	LOAM TO BOTTOM		
	2A	3'	10:27	11:33	10:33	10:45	12m
	✓ 2B	5 1/2'	10:27	10:29	10:29	10:31	2m
	✓ 3A	3'	10:27	10:26	10:26	10:37	11m
	3B	11'	:	:	(LOAM TO BOTTOM)		
	4A	3'	10:10	10:12	10:12	10:16	4m
	High 4B	5'	10:11	10:13	10:13	10:17	4m
	5A	3 1/2'	10:52	10:56	10:56	11:10	14m
	5B	10 1/2'	:	:	LOAM		
	6A	3 1/2'	10:54	10:55	10:55	10:57	2m
	6B	11'	:	:	LOAM		

REMARKS

TYPE OF SOIL

TESTED BY

TESTS { PER { STAKE

7B " 11/21 L O O P E N M

C.B.A.

ALSO PRESENT:

WOODY

СКІРР

C1 0262		SEQUENCE NO. (MDE USE ONLY)		STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE		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 13-A 41280	
SYCO USE ONLY DATE RECEIVED		DATE WELL COMPLETED 030196		Depth of Well 22 225 26 (TO NEAREST FOOT)		PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-93-0290	
OWNER last name McConnell		first name Susan		TOWN 6 Leney		LOT 27	
STREET OR RFD SUBDIVISION Sharp Rd Sharp Farm		SECTION		TOWN 6 Leney		LOT 27	
WELL LOG Not required for driven wells		GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 37 NO. OF POUNDS 3478 GALLONS OF WATER 222 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 72 ft. (enter 0 if from surface)		PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 12 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 10 ft. WHEN PUMPING 80 ft. TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible		C3	
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING		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) ST 6 78 OTHER CASING (if used) diameter inch depth (feet) from to		PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) YES NO IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) + above - below LAND SURFACE (nearest foot)		C2	
DESCRIPTION (Use additional sheets if needed)		SCREEN RECORD screen type or open hole insert appropriate code below ST STEEL BR BRASS BRONZE PL PLASTIC HO OPEN HOLE OT OTHER		C2		C2	
NUMBER OF UNSUCCESSFUL WELLS: 0		WELL HYDROFRACTURED YES Y NO N		C2		C2	
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.		C2		C2	
TYPE: MWD/MSD/MGD DRILLERS LIC. NO. 24 DRILLERS SIGNATURE Joseph L. Mayne (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO.		SLOT SIZE 1 2 3 DIAMETER OF SCREEN 56 60 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		C2		C2	
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)		C2		C2		C2	

2

SHARP

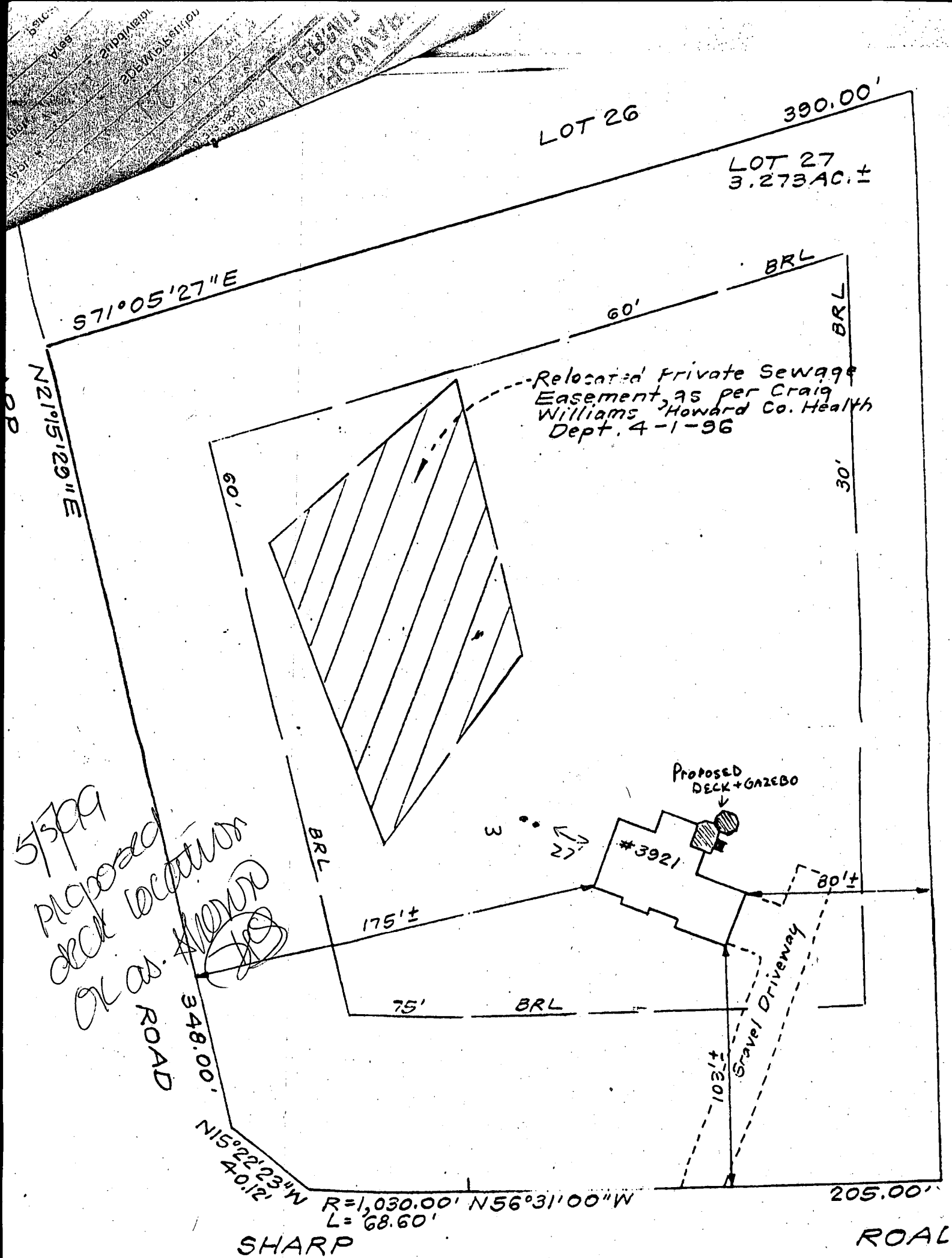
LOT 2
SECTION ONE
LANTON GULF FARM
PLAT NO 2685

~~S 74° 56' 11" W. 405~~

LOT/ 26
7070 Δc.±

B.R.L. LOT 27
315 AC.

Signed Paul Plan

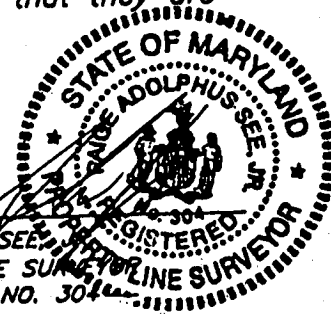


SURVEYOR'S CERTIFICATE

I hereby certify that a field survey of this property has been made under my supervision for the purpose of locating improvements shown hereon, and that they are located as shown.

8-15-96
DATE

[Signature]

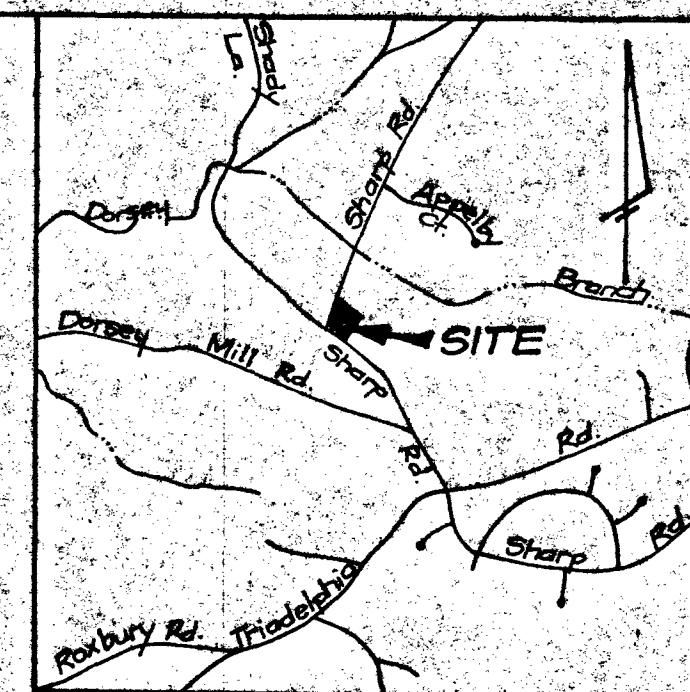


PAGE A. SEE
PROPERTY LINE SURVEYOR
MARYLAND NO. 304

NO	REVISION	DATE
1	Revise septic easement and trench location as per Ho. Co Health Dept comments 4-1-96 due to concerns of possible water table limitations. Inverts have been revised accord.	4-8-96

LEGEND

Contour Interval 2 Ft.
Existing Contour 780
Proposed Contour 780
Spot Elevation +802
Direction of Drainage
Walkout Basement WOB



VICINITY MAP

Scale: 1" = 2000'

GENERAL NOTES

- Reference Plat Number 9500
- Existing topography was field run by Clark, Finerock and Sackett, Inc. dated 3-96 and of Assumed Datum.
- Disturbed Area: 20,300 sq ft or 0.4660 Acres

HOLE A
UNACCEPTABLE SOIL!
FOR CONVENTIONAL TRENCHES
CLAY
LOAM
WATER

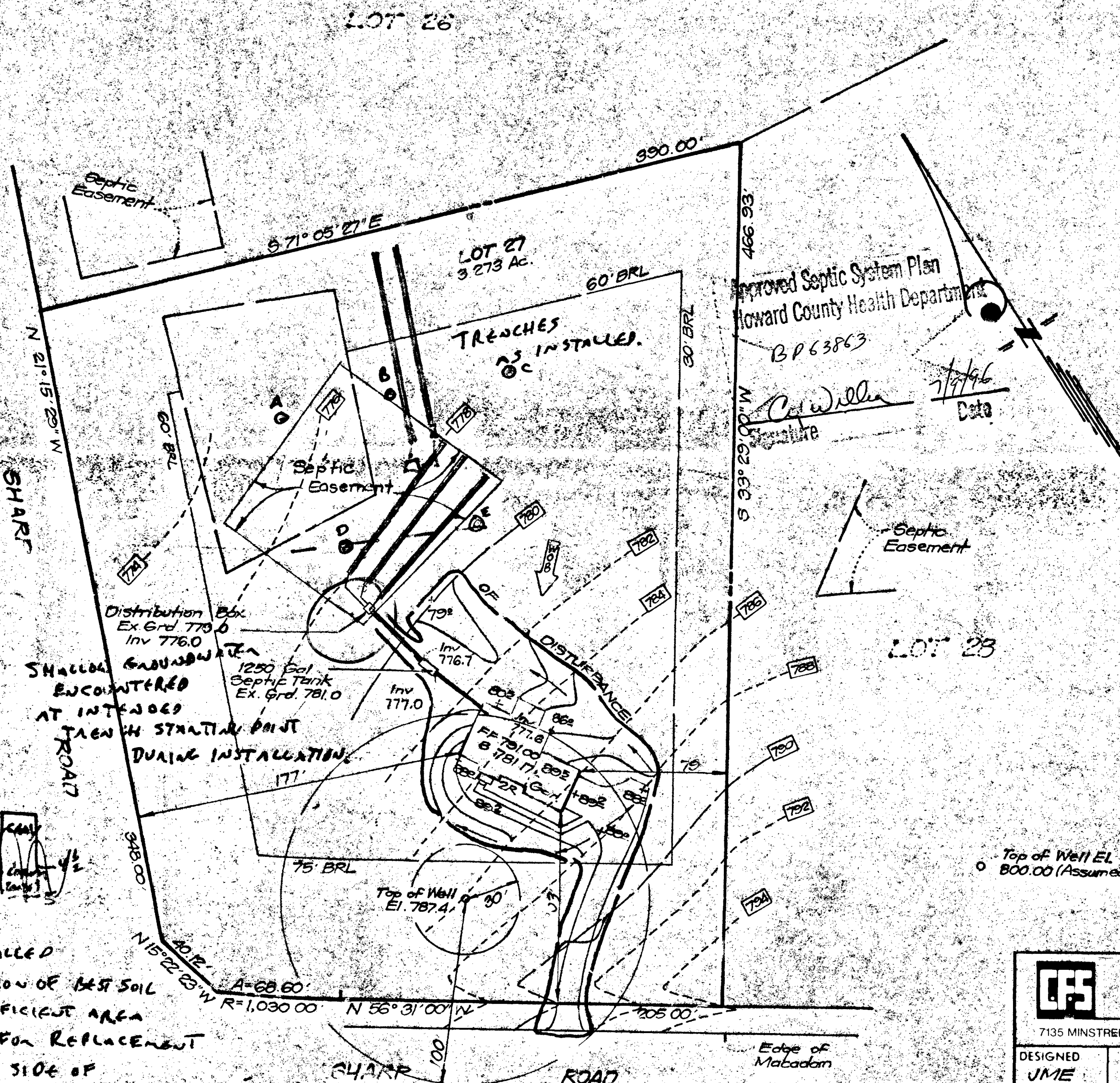
HOLE B
GOOD SOIL
CLAY
DRY SAND
POWDER
MICA
LOAM

HOLE C
UNACCEPTABLE SOIL!
FOR CONVENTIONAL TRENCHES
CLAY
LOAM WITH WHITE PATCHES
WATER

HOLES D & E
UNACCEPTABLE FOR ANY
CLAY
WATER

SYSTEM INSTALLED AT LOCATION OF BEST SOIL EXPECT SUFFICIENT AREA REMAINS FOR REPLACEMENT TO EACH SIDE OF INSTALLED SYSTEM.

7/9/96 CWL



Top of Well EL 800.00 (Assumed)

CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (410) 381-7500 - BALTO. • (301) 621-8100 - WASH.		SCALE 1" = 50'
DESIGNED JME	SITE DEVELOPMENT PLAN LOT 27 SHARP FARMS	
DRAWN BAL	FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
CHECKED jme	For CROSEN HOMES 3775 Shady Lane Glenwood, Md. 21738	JOB NO. 93-237
DATE 3-12-96		FILE NO. 93-237X