#### PERMI

#### SEWAGE DISPOSAL SYSTEM

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MENT OF HEALTH AND MENTAL HYGIENE WPI LOT 140% Ho 93 0013

DISTRICT

▲ 47214

HOWARD COUNTY HEALTH DEPARTMENT

**BUREAU OF ENVIRONMENTAL HEALTH** 

313-2640 1461-9933

INDEXED

DATE SYSTEM APPROVED

INSPECTOR

INC \_\_\_\_ IS PERMITTED TO INSTALL \_ SOUTH CAROLL BACKBOET ALTER 21157 PHONE 915-4/97 4410 SALEM BOTTOM RO. WESTMUSTER ROAD 3193 River Valley Chase \_\_**LO**T 15 SUBDIVISION West Friendship Estates Wayne Greenfield PROPERTY OWNER ADDRESS. COCATION TO BE DETERMINED IN FIELD - SEE SEPTIC TANK CAPACITY 1250 **GALLONS** LETTER/NOTES OF 3/15, IS

NUMBER OF BEDROOMS

SQUARE FEET PER BEDROOM 210

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

Starting at the end of the pipestem, place the distribution box 140' down the right (272.42') lot line and 130' off this same lot line as seen when facing the lot from River Valley Chase. Run trenches on contour in both directions. No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout NOTES

and cap to grade or above on septic tank. OK 11/28/95 DKS

Donna K. Soe/Glen Savage PLANS APROVED BY ...

DATE 10/5/95, 11/3/95

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 ALITHORIZED)

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

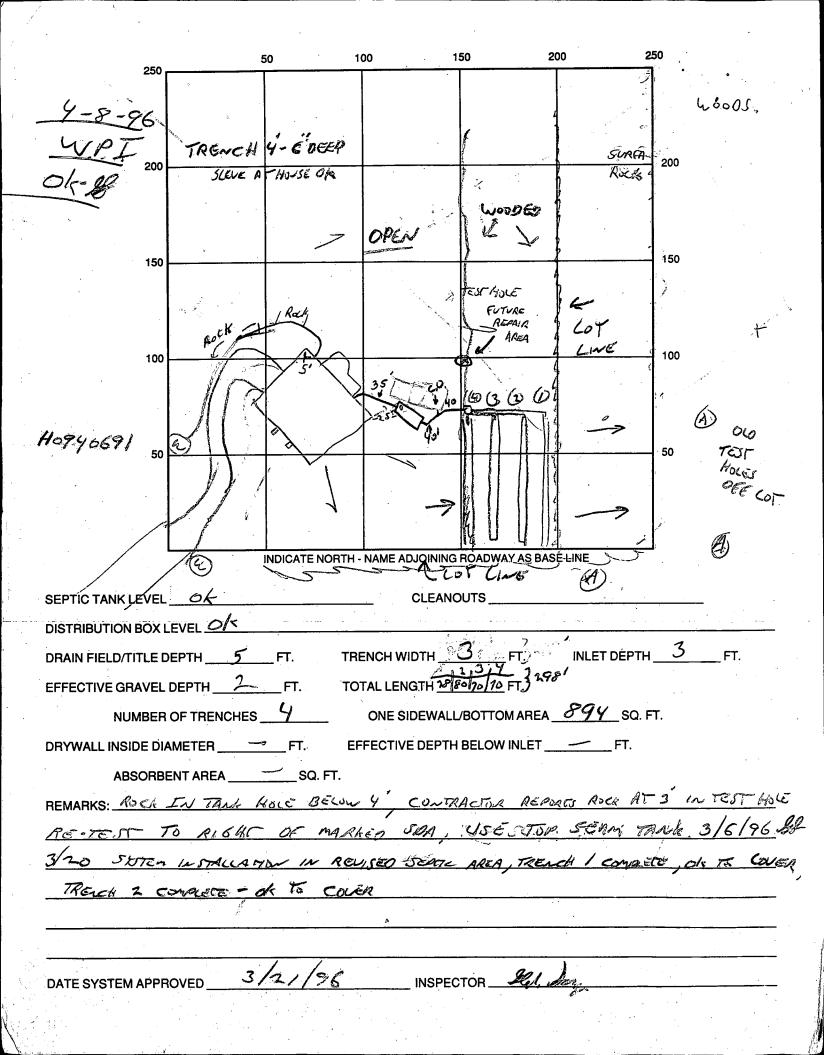
NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

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



3/15/96 RE-PERC; BULLDER (MIKE Mc CANIEL ), S. CAROL BACK HOE PRESENT, + GW. , NEW AREA APPROVED FOR SDA AS SHOWN ON SHE PLAN AND DERC SHEET, SEPTIC INSTALLATION TO PROCEED AS DISCUSED IN GED TANK TO BE SEALED WITAR BUNDER WHI GIERO LOCATE TEST HOLES AND SLEAME CORRECTED SITE PLAY, WORK MAY PROCESS Sel Song Strangely HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

February 15, 1996

Mr. Wayne Greenfield Greenfield Homes, Inc. 6656 Luster Drive Highland, MD 20777

> RE: West Friendship Estates, Lot 15 3193 River Valley Chase

Dear Mr. Greenfield:

Septic system installation for the above referenced property was discontinued February 12, 1996 due to soil conditions different than anticipated from percolation test records. The actual house location and topography at the site differed from that shown on the approved building permit plan, compounding the problem.

Due to these condition, on-site problem resolution was not possible. determine a possible resolution, an accurate site plan should be submitted to this office for review. This plan should include accurate location of the house under construction, the existing well, accurate topography of the entire lot and the location of the existing and proposed well on adjacent lots.

Once the plot plan is submitted to this office, review of this situation can be completed to determine the potential solutions. Until this plan is received, no further work can be performed or completed on the septic system by any contractor.

If you have any questions regarding this matter, please do not hesitate to call this office at (410)313-2640.

Sincerely yours,

Glen Savage, Sanitarian

Water and Sewerage Program

GS:hh

cc: South Carroll Backhoe

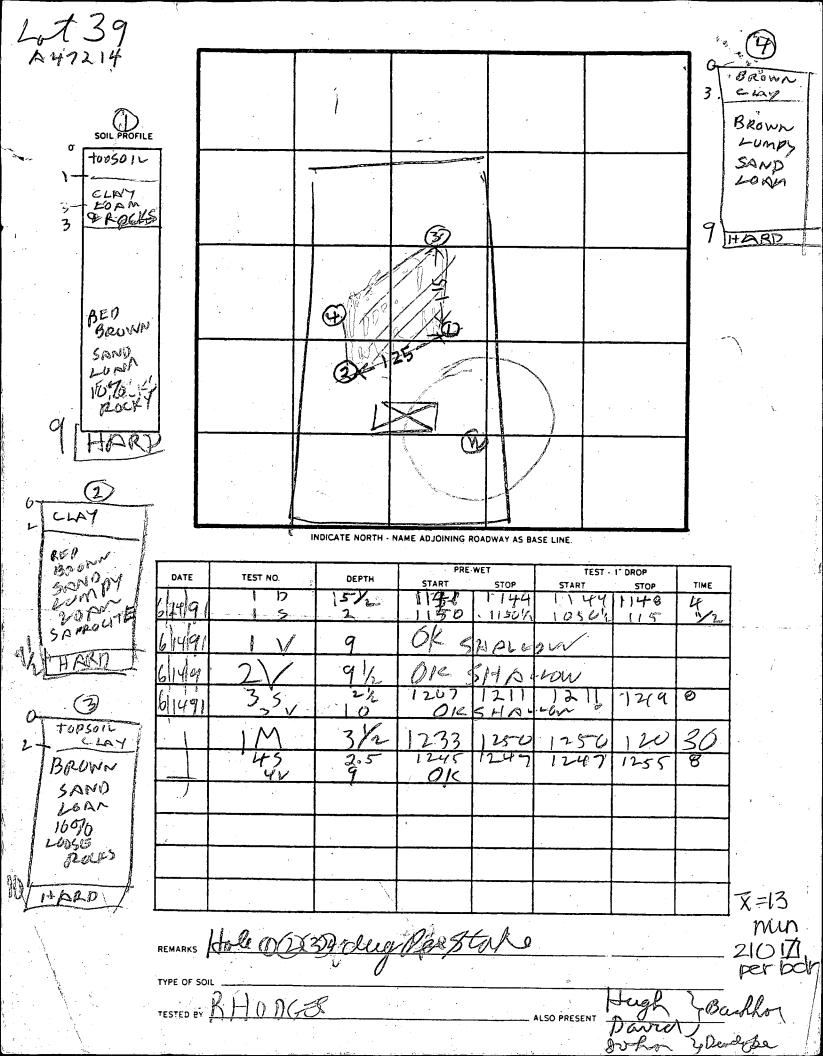
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## APPLICATION

47214 PERCOLATION TESTING HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH P.O BOX 476 ELLICOTT CITY, MARYLAND 21043 **TELEPHONE**. 461-9933 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 LOCATION: JEST FRIENSHIP ESTATES TAX MAP 15 PARCEL # 42 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. 6/14/91 - PERC OIC HOLD FOR

# THIS IS NOT A PERMIT



### APPLICAT

47214

PERCOLATION TESTING SAA NEW

3-15-96 APPRILED SUPPONE

ROCK HILES OF SAA

ROCK HILES

1 21043 RECOUNTED

DIS HOWARD COUNTY HEALTH DEPARTMENT DISTRICT BUREAU OF ENVIRONMENTAL HEALTH DATE 3/15/96 TELEPHONE: 313-2640 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 ADDRESS AGENT OR PROSPECTIVE BUYER **PHONE** PROPERTY LOCATION: ERIENDSHIP EST PARCEL# 3,00 AC (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) FOR DISAPPROVED BY HOLD PENDING FURTHER TESTS REASONS FOR REJECTION OR HOLDING PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. #

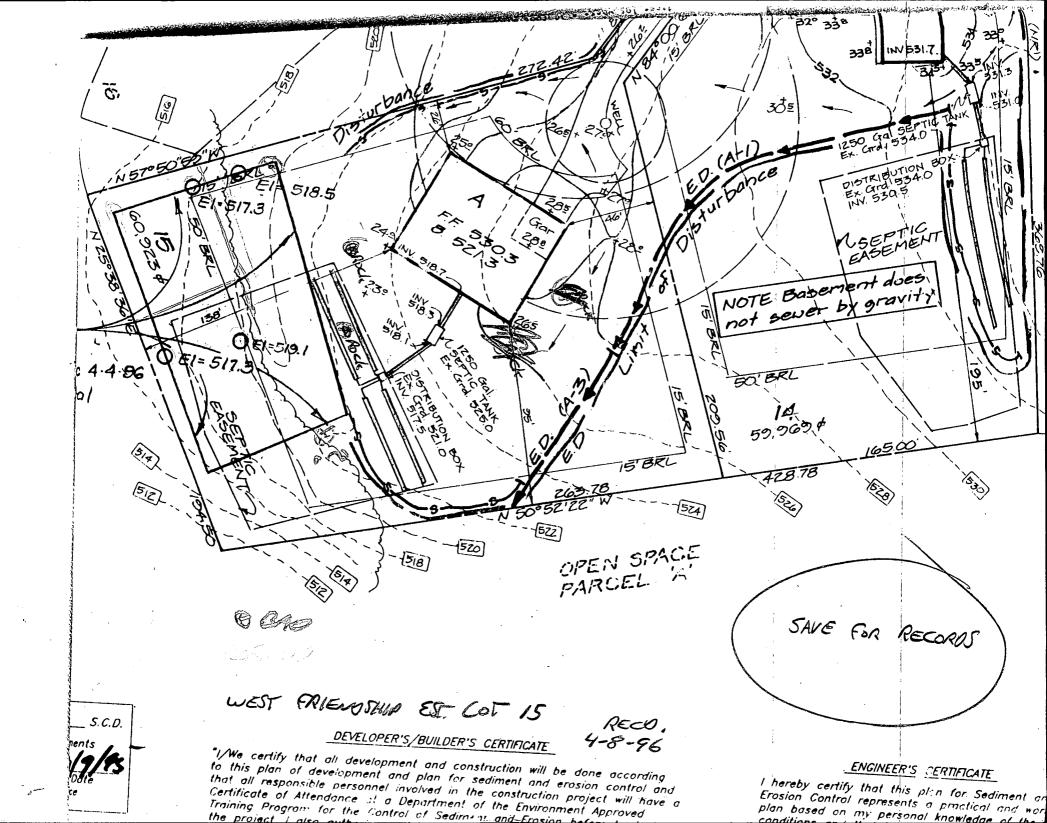
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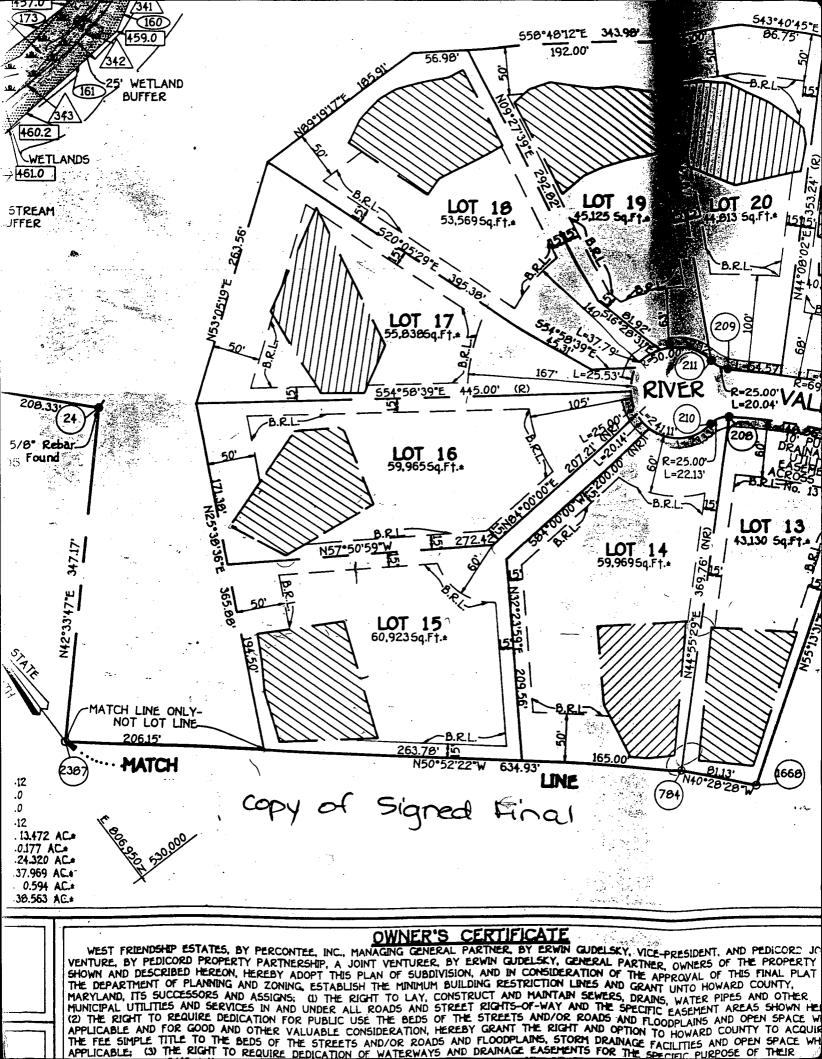
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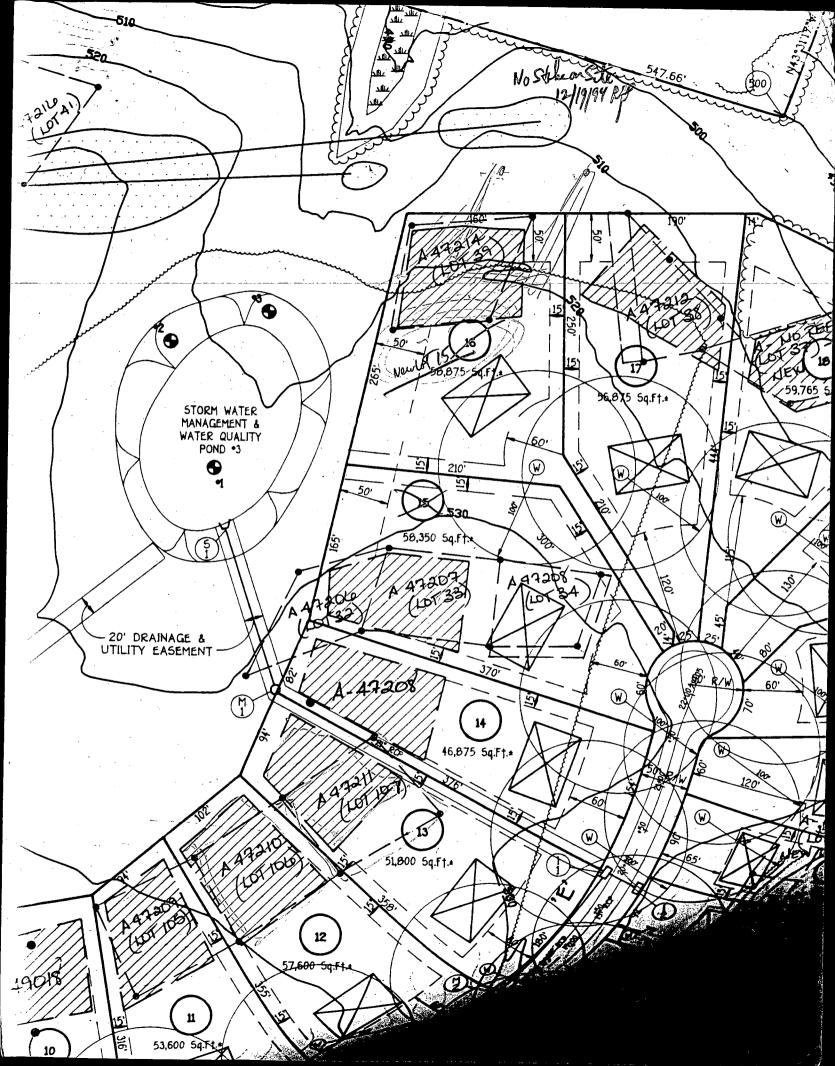
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A. E. MILL	PREAR LOT CORN	DICATE NORTH N	AME ADJOINING	ROADWAY AS	BASE LINE			
109000	/	1 6 2 2 1	<del></del>	1 Ind	R.	, lu		,
	<i>f</i>		i l	PRE:WET		TEST: 1"	DROP	• • • • • • • • • • • • • • • • • • •
CCAL CORM	·	TEST NO.		START, S	STOP	TEST - 1" START	DROP STOP	TÎME
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577114K	3-15-96  REMARKS FIEST	A-0		START, S	STOP	START	STOP	
577114K	REMARKS TEST	Moves Duc	CLOSE TO B	ACK RIGHT	PORTUNA	START	STOP	as Ok.
577114K	REMARKS FEST TYPE OF SOIL TESTED BY	Moves Dug	CLOSE TO B	ACK RIGHT	PARTIAL  ALSO PRE	START	STOP  AUROS  ROLL BA  ACOM	as Ok.
577114K	REMARKS TEST	Moves Dug	CLOSE TO B	START, S	PORTING.  ALSO PRE	START	STOP  AUROS  ROLL BA  ACOM	as Ok.

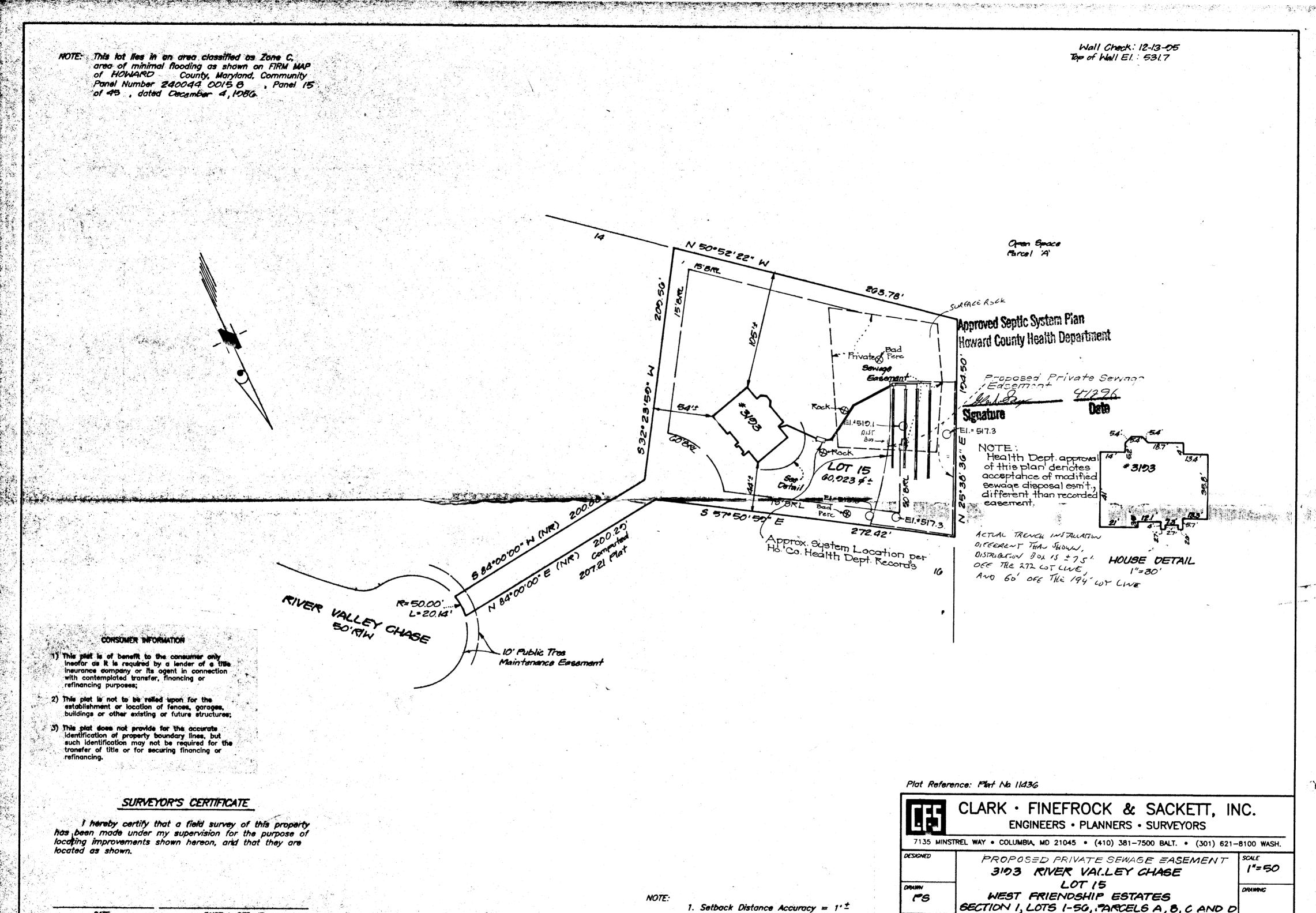
C 1 2849 SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.			
(THIS NUMBER IS TO BE PUNCHED IN COLS: 3-5 ON ALL CARDS)	FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE	NUMBER A 47214			
ST/CO USE ONLY DATE WELL COMPL  8 13 15	Depth of Well  22 / S   26 (TO NEAREST FOOT)	PERMIT NO. FROM "PERMIT TO DRILL WELL"			
OWNER Greenfield Homes					
OTTLE OTTO	alley chase town h	Vest friendship			
WELL LOG  Not required for driven wells	(Circle Appropriate Box)	C 3 PUMPING TEST			
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING	TYPE OF GROUTING MATERIAL (Circle one)  CEMENT CM BENTONITE CLAY B C 45-46	HOURS PUMPED (nearest hour)			
DESCRIPTION (Use additional sheets if needed) FROM TO check if water bearing	NO. OF BAGS NO. OF POUNDS 1692 GALLONS OF WATER 108 DEPTH OF GROUT SEAL (to nearest foot)	PUMPING RATE (gal. per min.) 20 1.  METHOD USED TO MEASURE PUMPING RATE BY CKET			
5AND 0 45	from 0 ft. to 48 TOP 52 (enter 0 if from surface)	WATER LEVEL (distance from land surface)  BEFORE PUMPING  36  ft.			
GRAY MICA 45-185 V.	casing types insert appropriate CASING RECORD CONCRETE	WHEN PUMPING			
	code below PLASTIC OTHER	TYPE OF PUMP USED (for test)  A air P piston T turbine			
	MAIN Nominal diameter Total depth CASING top (main) casing of main casing TYPE (nearest inch)! (nearest foot)	C centrifugal R rotary O other (describe below)			
	5 7 63 64 66 70  There casing (if used)	jet Submersible			
	G diameter depth (feet) H inch from to	PUMP INSTALLED  DRILLER WILL INSTALL PUMP YES (NO) (CIRCLE) (YES or NO)			
	screen type SCREEN RECORD	IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.  TYPE OF PUMP INSTALLED			
	or open hole insert appropriate code ST BRASS BRONZE HOLE	PLACE (A,C,J,P,R,S,T,O) IN BOX 29.  CAPACITY: GALLONS PER MINUTE			
NUMBER OF UNSUCCESSFUL WELLS:	below PLASTIC OTHER	(to nearest gallon)  PUMP HORSE POWER  31 (35) 35  PUMP HORSE POWER			
WELL HYDROFRACTURED Y	DEPTH (nearest ft.)	RUMP COLUMN LENGTH (nearest ft.)			
CIRCLE APPROPRIATE LETTER  A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED	A H O # 7 15 17 21	CASING HEIGHT (circle appropriate box and enter casing height)  LAND SURFACE			
E ELECTRIC LOG OBTAINED  TEST WELL CONVERTED TO PRODUCTION WELL	S 2	below below (nearest) foot)			
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	E 38 39 41 45 47 51 N SLOT SIZE 1 2 3	LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR			
HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.  TYPE: MWD/MSD/MGD	DIAMETER OF SCREEN  56  (NEAREST INCH)	LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)			
DRILLERS LIC. NO. 24	GRAVEL PACK to	wer >			
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)	FLOWING WELL INSERT F IN BOX 68 68  MDE USE ONLY	34 1 40.			
LIC. NO. 19H	(NOT TO BE FILLED IN BY DRILLER)  T (E.R.O.S.) W Q  74 75 76				
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	70 72 OTHER DATA CASING INDICATOR	River VALLEY Chase			

COUNTY









THIRD ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

For: GREENFIELD HOMES, Inc.

Eldersburg, Moryland 21784

1818 Liberty Road

JOB NO.

FILE MO.

04-221-0

CHECKED

DATE

MAG

3-26-96

PAGE A SEE, JR.

PROPERTY LINE SURVEYOR

MARYLAND NO. 304