

05-398886

Approved
4-16-87 KH

PERMIT

P 38040
A 35427

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXXXXX~~
461-9933

INDEXED

ELLICOTT CITY
DISTRICT 5th
DATE 11/10/86

{ I.C.O.P. issued only }
Time expired

L & F Plumbing & Heating IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE _____

SUBDIVISION Lime Kiln Valley ROAD 7664 Green Dell Lane LOT 22

PROPERTY OWNER Wade Minor & M.F. Amorosi JUNE Spocz
7664 Green Dell Lane

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 195 sq. ft. per bedroom with garbage disposal. Trench to be 3 feet wide. Inlet 2.5 feet below original grade. Bottom maximum depth 4 feet below original grade. Effective area begins at 3 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 230 feet from the back (435') lot line and 95 feet from the left (405') lot line as seen when facing the lot from Right-Of-Way. Run trenches on contour toward the right back lot line.

NOTE - No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

PERMIT SIGNED
AND RETURNED 3/27/87
Serial # B70109654
Approved PH

PLANS APPROVED BY S. Abel DATE 9/23/86

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 40 PVC OR ABS.

PERMIT VOID AFTER THREE YEARS.

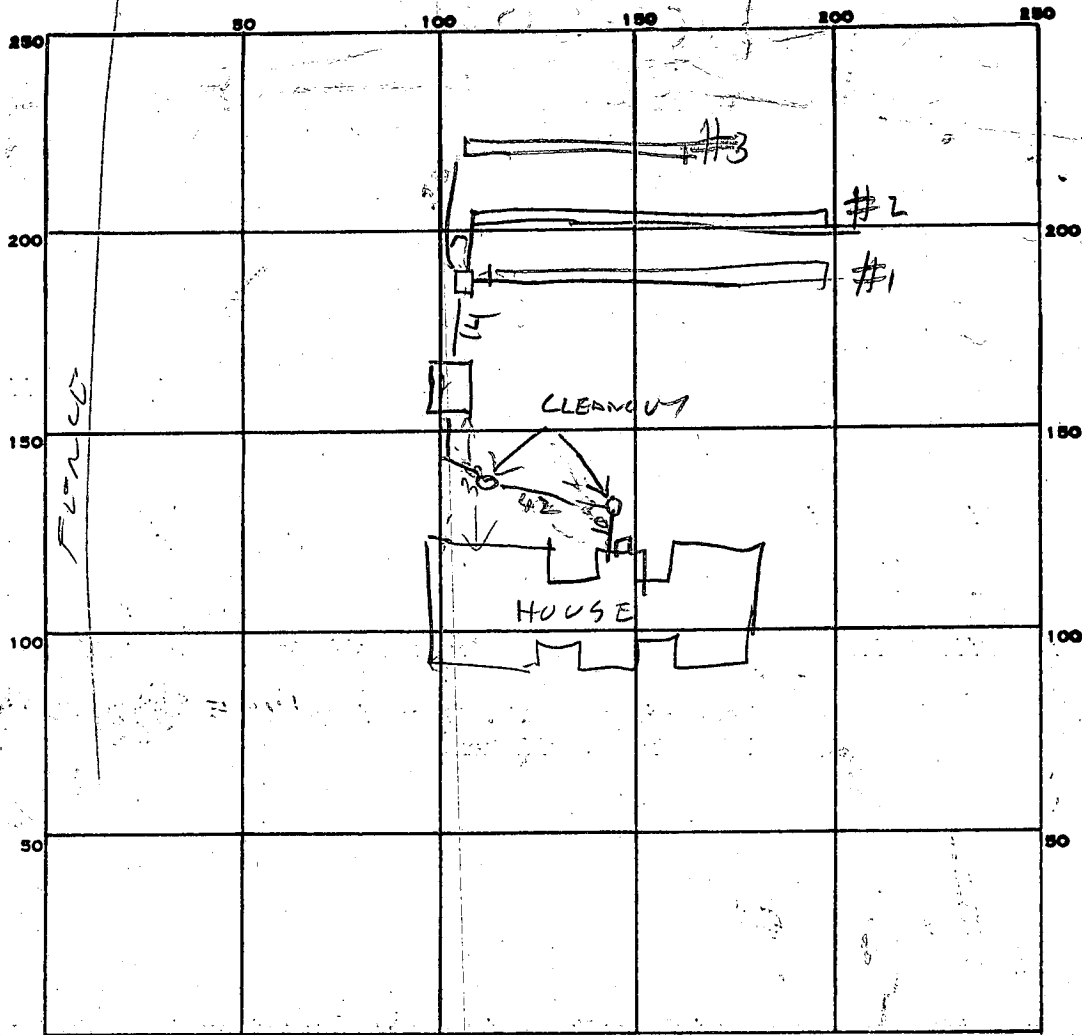
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

CALL 992-7300 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 354127



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD _____

SEPTIC TANK, LEVEL OK 2000

CLEANOUTS OK

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH

#1	#2	#3
3 1/2	3 1/2	3 1/2

 FT. TRENCH WIDTH

#1	#2	#3
3.2	3.2	3.2

 FT.

GRAVEL DEPTH

#1	#2	#3
1.5	1.5	1.8

 IN. TOTAL LENGTH

#1	#2	#3	TOTAL
97	97	57	61

 FT.

NUMBER OF TRENCHES 3 TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 4/15/87 LOCATION OK - ADD STONE TO MIDDLE TRENCH
COVER OTHER TRENCHES UNCOVER PART OF HOUSE SEWER (1) NEAR TANK
(2) NEAR HOUSE RT

4/16/87 - STONE ADDED & PIPE UNCOVERED RT

DATE SYSTEM APPROVED 4/16/87 INSPECTOR Raymond Hales

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND · DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 478 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

A 35427
P _____

DISTRICT 5th

DATE April 3, 1985

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

Wade Minor & M.F. Amokusi

PROPERTY OWNER Grace A. E. Eisenhardt c/o Tracy, Schulte & Associates, Inc

ADDRESS 8450 Baltimore National Pike, Suite 34 PHONE 465-6105

PROPERTY LOCATION:

SUBDIVISION Lime Kiln, Section 2 LOT NO 23

ROAD AND DESCRIPTION ~~Southwest of~~ Green Dell Lane: West of Brown's Bridge Road

SIZE OF LOT 3.312 Ac TYPE BLDG N/A
(NUMBER OF BEDROOMS)

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 _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLOG. PERMIT SIGNED

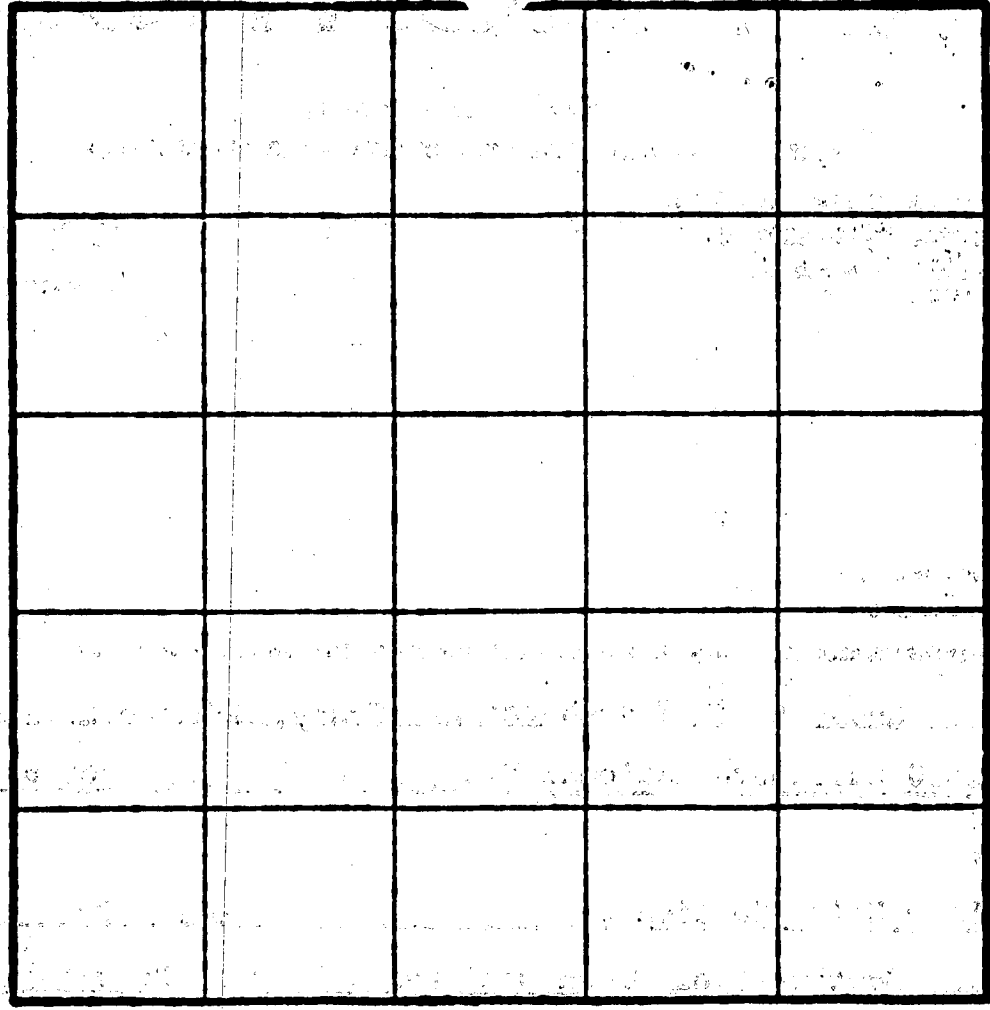
AND RETURNED 10-3-86
Serial # 73037

THIS IS NOT A PERMIT

lot 23



BROWN CLAY
 BROWN SAND LOAM & SOME SAPROLITE
 ROCK BOTTOM



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

$\bar{x} = 8 \text{ min}$
 INLET 25 FT
 BOTTOM MAX

CLAY SAND SAPROLITE
 SAND SAPROLITE
 ROCK BOT

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
5/15/85	1 S	3 1/2	245	249	248	259	11
	1 V	9	OK TILE	FIELD	ROCK	ROCK	
	2 S	3 1/2	256	300	300	303	3
	2 V	9	OK TILE	FIELD	ROCK	ROCK	BOT
	3 S	4	305	307	307	310	3
	3 V	9 1/2	OK TILE	FIELD	ROCK	ROCK	BOT
stick	4 S	3 1/2	314	330	330	343	13
	4 V	8	OK TILE	FIELD	ROCK	ROCK	BOT

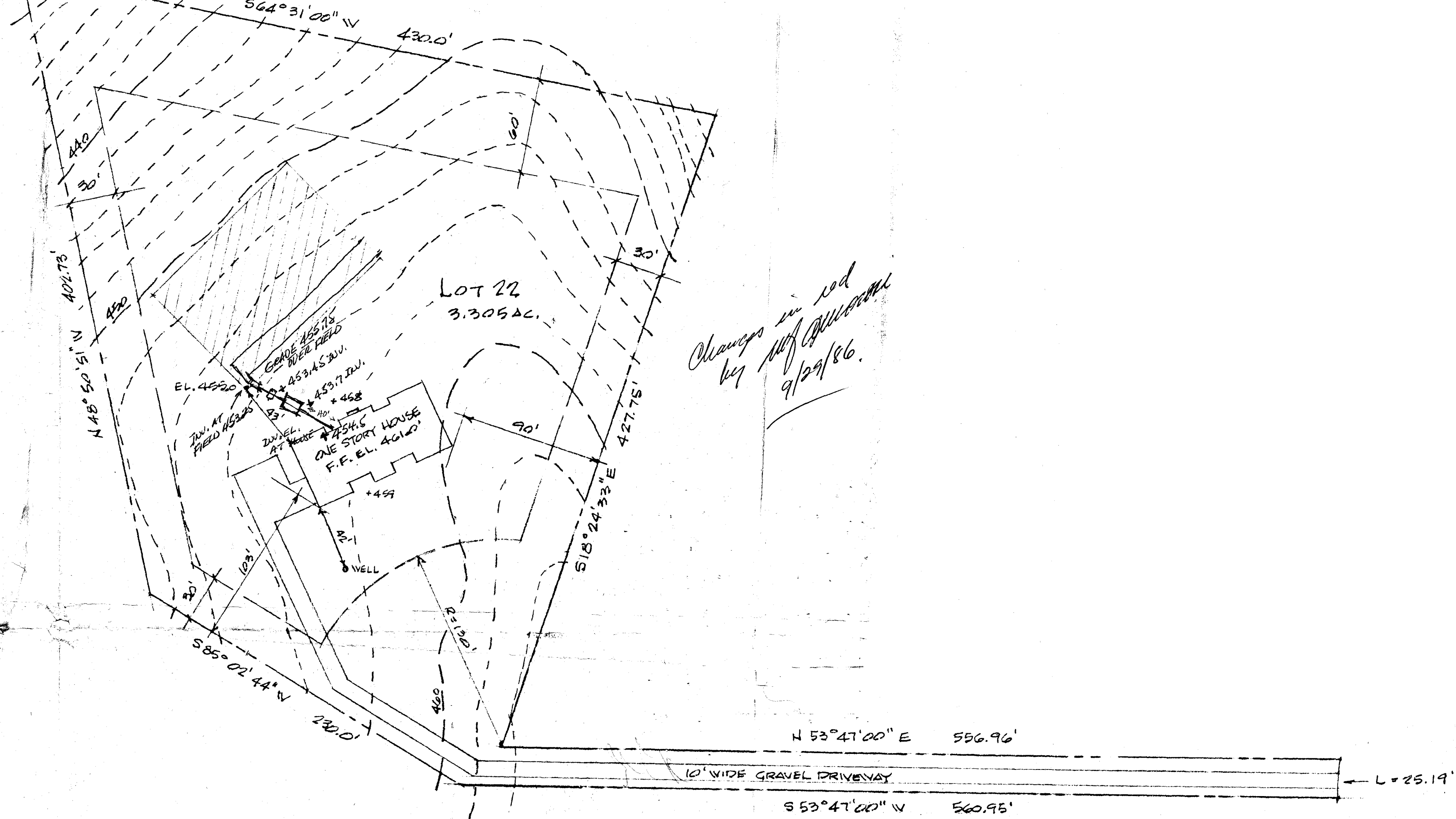
# HD	# SURVEYOR
1	C
2	B
3	A
4	D

REMARKS HOLES DUG PER SURVEYOR PLAT

TYPE OF SOIL _____
 TESTED BY R HODGES

ALSO PRESENT Backhoe K. HATFIELD

EH-12-1079



Changes in red
by Jeff Callaway
9/29/86.

• SITE PLAN •

SCALE 1" = 50'

BP 73037
MINOR

orig. plat returned
to Mr. Annosi *[signature]*

I CERTIFY
AND ELEV.
CORRECT
SIGNED.

C1 5285

SEQUENCE NO. (OEP 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

COUNTY NUMBER

A-35427

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED grid

DEPTH OF WELL grid

PERMIT NO. grid

OWNER

Security Development

STREET OR RFD

last name

Green Dell LA.

first name

TOWN

Frederick

SUBDIVISION

Lower Kilm Valley Est.

SECTION

2

LOT

22

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)

FEET FROM TO

Check if water bearing

Top So. L 0 2
Sandy 2 30
Sandstone 30 35
Micka 35 50
Sandstone 50 55
Micka 55 320

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle appropriate box)

Y N grid

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS NO. OF POUNDS

GALLONS OF WATER

DEPTH OF GROUT SEAL (to nearest foot)

DEPTH OF GROUT SEAL grid

CASING RECORD

casing types insert appropriate code below

ST CO PL OT grid

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

MAIN CASING TYPE grid

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

OTHER CASING grid

SCREEN RECORD

screen type or open hole insert appropriate code below

ST BR HO PL OT grid

DEPTH (nearest ft.)

DEPTH (nearest ft.) grid

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

SLOT SIZE grid

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

GRAVEL PACK grid

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

OEP USE ONLY grid

C 3

PUMPING TEST

HOURS PUMPED (nearest hour)

PUMPING RATE (gal. per min. to nearest gal.)

METHOD USED TO MEASURE PUMPING RATE

WATER LEVEL (distance from land surface) BEFORE PUMPING

WHEN PUMPING

TYPE OF PUMP USED (for test)

TYPE OF PUMP USED grid

PUMP INSTALLED

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

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

CAPACITY: GALLONS PER MINUTE (to nearest gallon)

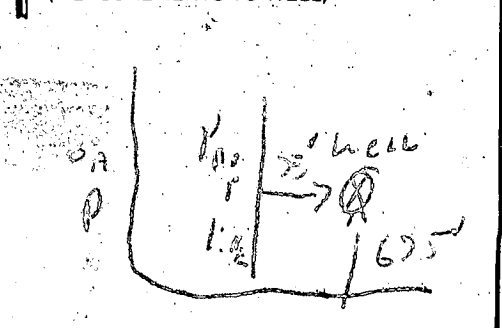
PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

LAND SURFACE (nearest foot)

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



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. 273 Nath Mays

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) Nath E. Mays

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

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-1652
 Location of property (road) GREEN DELL LA
 Subdivision LIME KILN VALLEY Lot 22 Block _____ Plat _____ Sec. 2
 Well Driller Ralph MAYNE Owner SECURITY DEVELOP.

Depth of well 320ft
 Distance of measuring point (M.P.) above ground 2ft
 Static water level (S.W.L.) below M.P. 35ft

I. High rate pumping -- reservoir drawdown
 Time pump started 9:40 Pumping rate 12 G.P.M.
 Total time 1 hr. 20 min to reach pumping water level 255ft ft. below M.P.

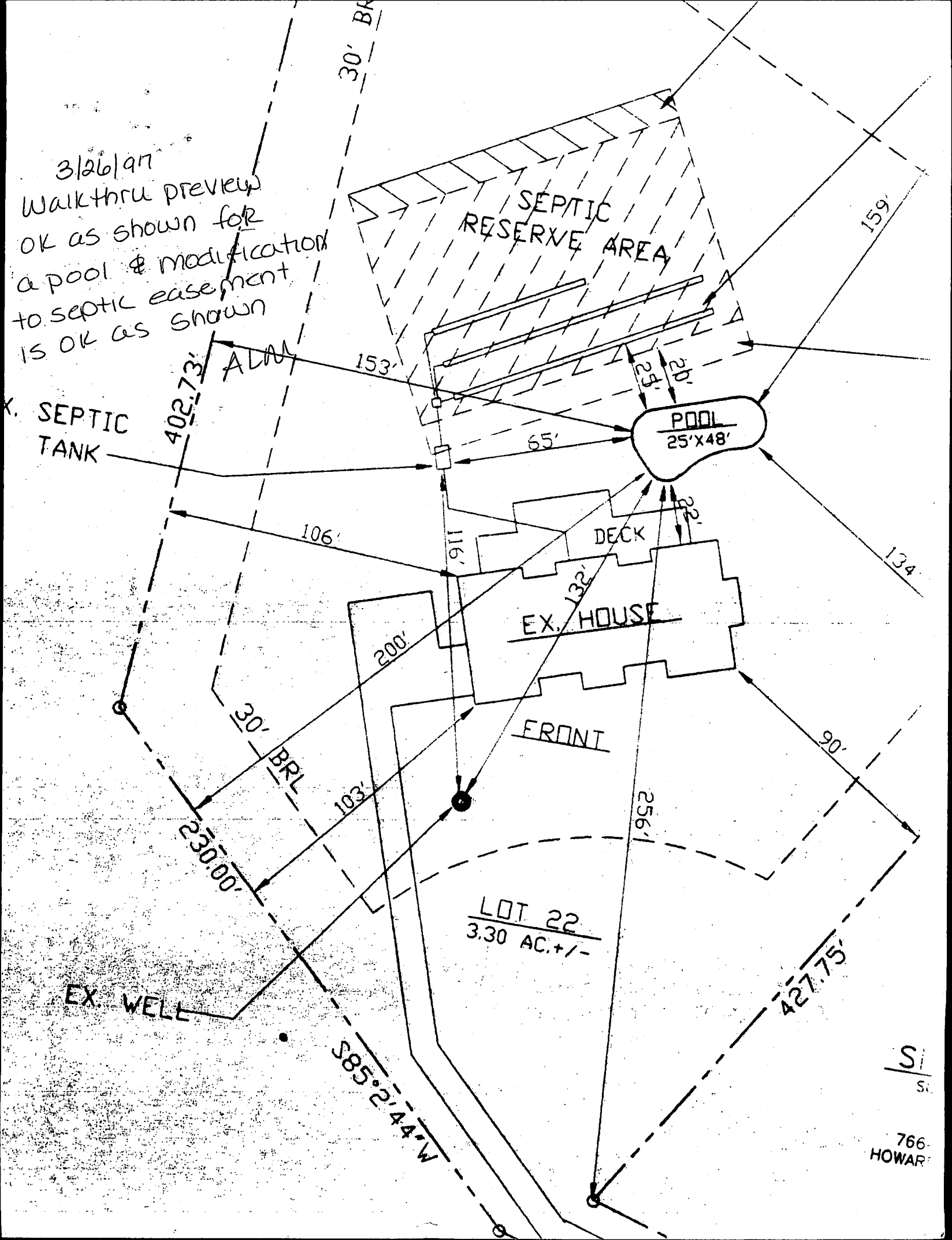
II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
10:00	255 ft	55 sec		1+ G.P.M.
10:15	255	55		1+
10:30	255	55		1+
10:45	255 ft	55 sec		1+ G.P.M.
11:00	255	55		1+
11:15	255	55		1+
11:30	255 ft	55 sec		1+ G.P.M.
11:45	255	55		1+
12:00	255	55		1+
12:15	255 ft	55 sec		1+ G.P.M.
12:30	255	55		1+
12:45	255	55		1+
1:00	255 ft	55 sec		1+ G.P.M.
1:15	255	55		1+
1:30	255	55		1+
1:45	255 ft	55 sec		1+ G.P.M.
2:00	255	55		1+
2:15	255	55		1+
2:30	255 ft	55 sec		1+ G.P.M.
2:45	255	55		1+
3:00	255	55		1+
3:15	255 ft	55 sec		1+ G.P.M.
3:30	255	55		1+
3:45	255	55		1+
4:00	255 ft	55		1+ G.P.M.

Handwritten notes in table:
 - A large 'X' is drawn over the table.
 - At 12:30, flow meter reading is 120, 345, 220.
 - At 12:45, flow meter reading is 465, 1.5.
 - At 1:00, flow meter reading is 1250.
 - At 1:15, flow meter reading is 220.
 - At 1:30, flow meter reading is 345.
 - At 2:45, note: "shut off".
 - At 3:00, note: "500 gal".
 - At 3:15, note: "would be sufficient".
 - At 3:30, note: "draw down further".
 - At 4:00, note: "6 P.M."

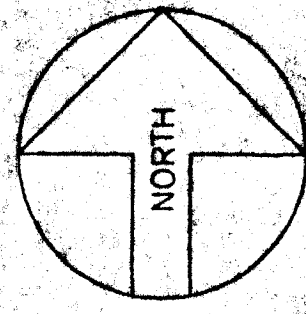
4 IPT PL 36 open 9 hrs

3/26/97
Walkthru preview
OK as shown for
a pool & modification
to septic easement
IS OK as shown



Si
Si
766
HOWAR

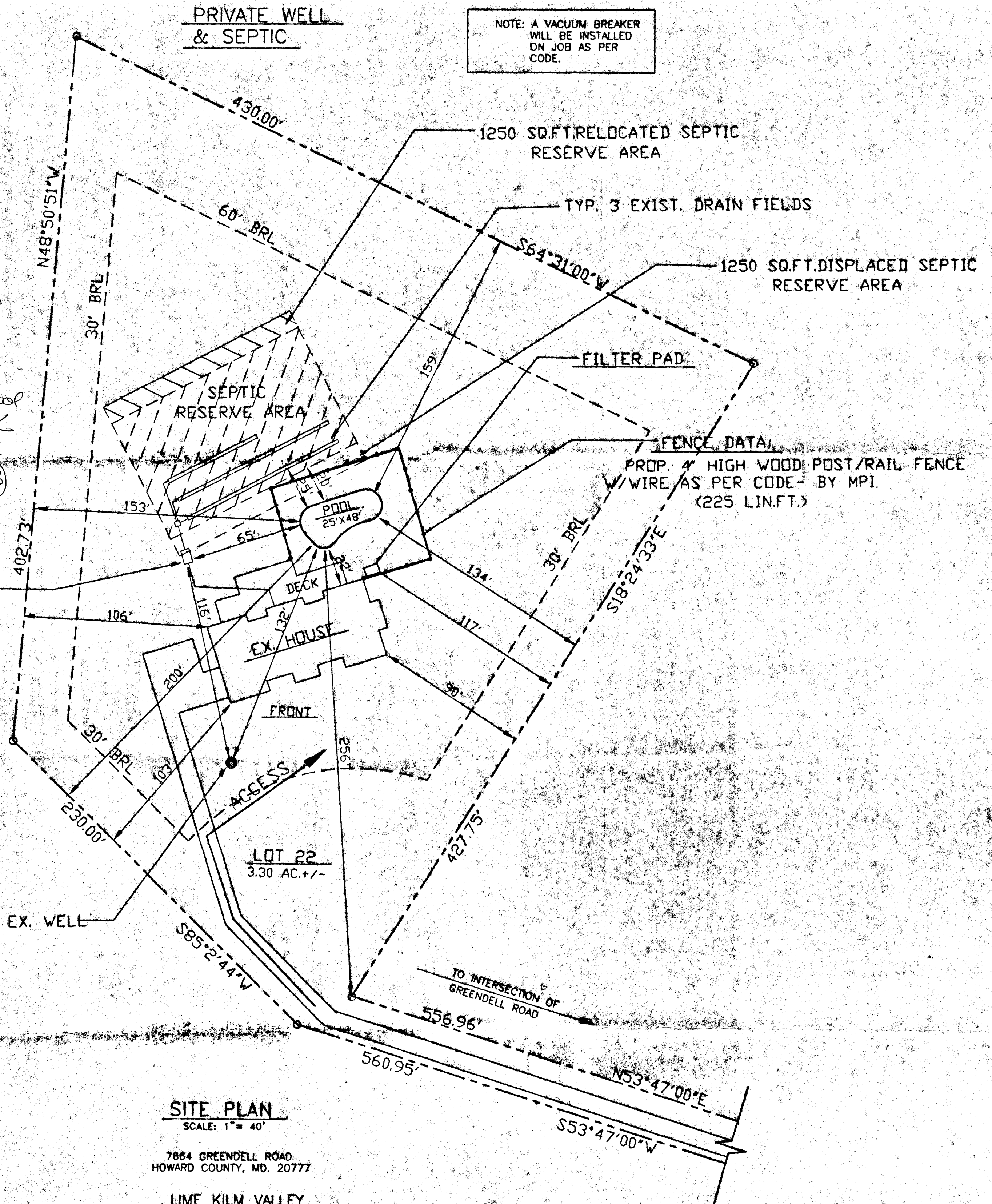
REAR PL. 10'
 SIDE PL. 30'
 HOUSE 0
 SEPTIC 20'
 WELL 30'



PRIVATE WELL
& SEPTIC

NOTE: A VACUUM BREAKER
 WILL BE INSTALLED
 ON JOB AS PER
 CODE.

3/27/97
 Proposed pool
 location OK
 as shown
 per plan (DLS)



SITE PLAN
 SCALE: 1" = 40'

7664 GREENDELL ROAD
 HOWARD COUNTY, MD. 20777

LIME KILM VALLEY

LOT 22, LOT SIZE - 3.30 AC. +/-

TAX ACCOUNT #

PROPERTY # A-35472

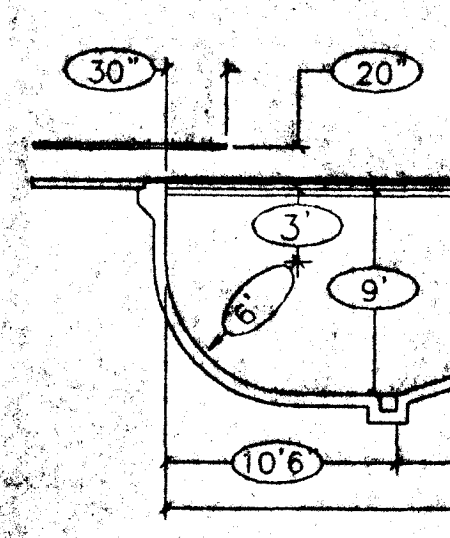
Both Customer and Salesman agree that this drawing, access, elevation & location of all equipment and appurtenances are in agreement. Any changes from this drawing must be approved in writing by the Customer and MPI.

CHECKED BY - SALESMAN _____
 CHECKED BY - CUSTOMER _____

DIRECTIONS: RTE.29 SOUTH TO RTE.216, RIGHT & CONT. 5 MILES TO LEFT BROWN BRIDGE RD. FOLLOW TO 1ST RIGHT ON GREENWOOD DR., CONT. TO RIGHT ON WOODBRIDGE RD., CONT. TO LEFT ON GREENDELL RD., FOLLOW TO SITE ON RIGHT AT 7664 GREENDELL RD.

MAP BOOK:
 Co.: HOWARD
 MAP: 18
 GRID: C3

Cross Section POOL



MARYLAND POOLS

9515 GERWIG LANE - SUITE 119
 COLUMBIA, MARYLAND 21046
 410-995-6600 BALTIMORE
 301-621-3319 WASHINGTON