

LAYOUT 4/30/04 INSP 4 \_\_\_\_\_  
INSP 2 \_\_\_\_\_ INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 9/22/2004

APPROVAL DATE: 1/25/2005

**PERMIT INDEXED**

F 521502  
A 35422

TAX ID #05-398914

**ON-SITE SEWAGE DISPOSAL SYSTEM  
HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MD 21043**

Columbia Plumbing and Heating IS PERMITTED TO INSTALL  ALTER

ADDRESS: 9017 Red Branch Rd, Suite 201 PHONE NUMBER: 410-715-2323

SUBDIVISION: Lime Kiln Valley LOT NUMBER: 33

ADDRESS: 7686 4686 Green Dell Lane PROPERTY OWNER: Altieri Homes

SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 200 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 2.5 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box at the easement stake closest to the house. Run (2) 100' trenches on contour to opposite side of lot.
NOTES:	

PLANS APPROVED: MER DATE: 6/29/04

NOTES: PERMIT VOID AFTER 2 YEARS  
CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS  
WATERTIGHT SEPTIC TANKS REQUIRED  
ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED  
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED  
CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

**NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS  
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM  
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT  
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

**BUILDING PERMIT SIGNED AND RETURNED**

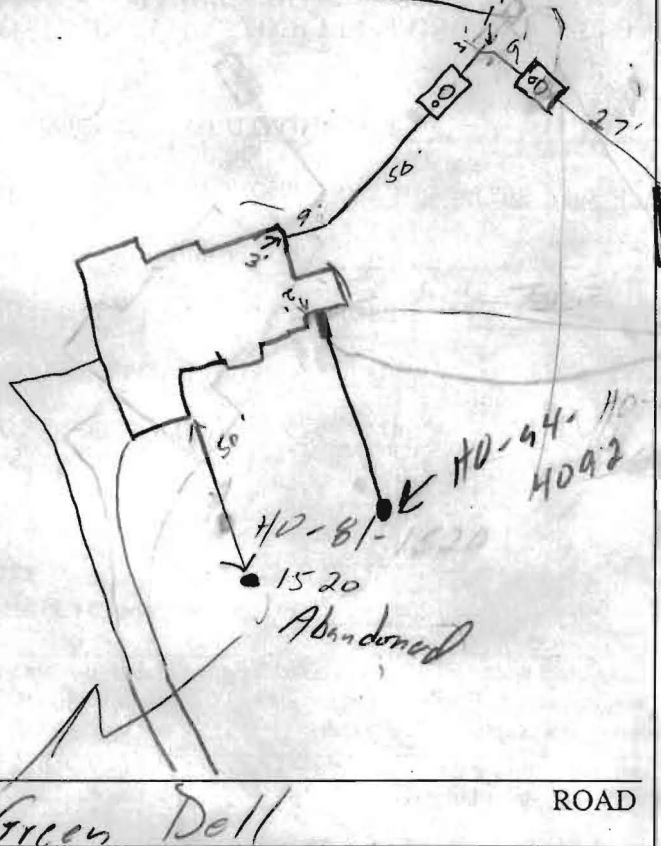
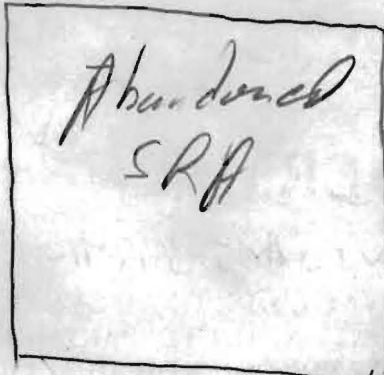
DO NOT LEAVE ANY REQUEST FOR INSPECTION ON VOICEMAIL

1/12/2005 B00151835 1000 gal 4G LPTANK

A35422

30/35/35/20

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3	2.5	4.5
NUMBER OF TRENCHES		4
TOTAL LENGTH		170
ABSORPTION AREA		510
DISTRIBUTION BOX LEVEL		<input checked="" type="checkbox"/>
DISTRIBUTION BOX BAFFLE		<input checked="" type="checkbox"/>
DISTRIBUTION BOX PORT		<input checked="" type="checkbox"/>

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	<input checked="" type="checkbox"/>
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	18"
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input checked="" type="checkbox"/>
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	<input checked="" type="checkbox"/>
SEPTIC TANK 2 LEVEL	<input checked="" type="checkbox"/>
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	1'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input checked="" type="checkbox"/>
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	<input checked="" type="checkbox"/>

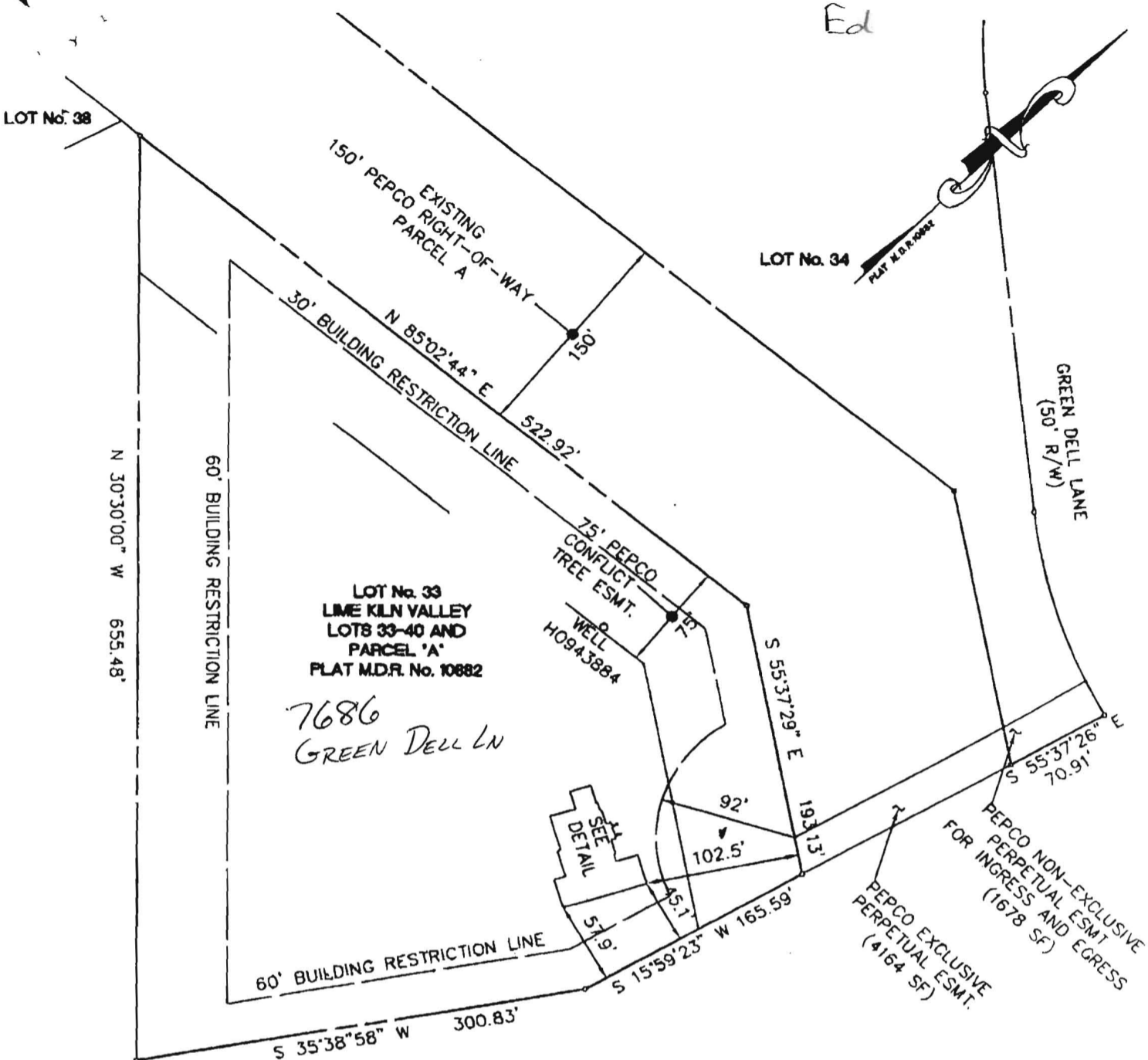
PRE-CONSTRUCTION 5/30/04 - Tank cut, cont. hit rock

(4) 3' in SRA, can't go deeper (50)

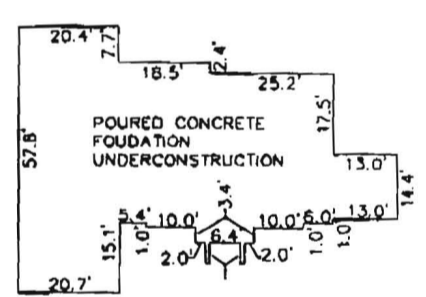
INSTALLATION See 2nd sheet →

BUILDING PERMIT SIGNED AND RETURNED

FINAL INSPECTOR \_\_\_\_\_ DATE OF APPROVAL \_\_\_\_\_



9/22/04  
 House span  
 No effect  
 on SRA  
 Wall check OK



TOP OF FOUNDATION WALL = ELEV. = 746.30'

**SURVEYORS CERTIFICATION**  
 I hereby certify that I have made a survey of this property for the purpose of locating the improvements thereon and that they are located as shown. This is not a property line survey.

Professional Land Surveyor  
 State of Maryland  
 WILLIAM K. WOODY  
 No. 10724  
 Date 8/11/04

PLAT REF. LIME KILN VALLEY LOTS 33-40 AND PARCEL "A" PLAT M.D.R. No. 10882  
 KCW JO. 2030269

**KCW ENGINEERING TECHNOLOGIES**

KCW Engineering Technologies, Inc.  
 3106 Lord Baltimore Drive, Suite 110  
 Baltimore, Maryland 21244  
 Tele (410) 281-0030  
 Fax (410) 281-1065  
 www.KCW-ET.com

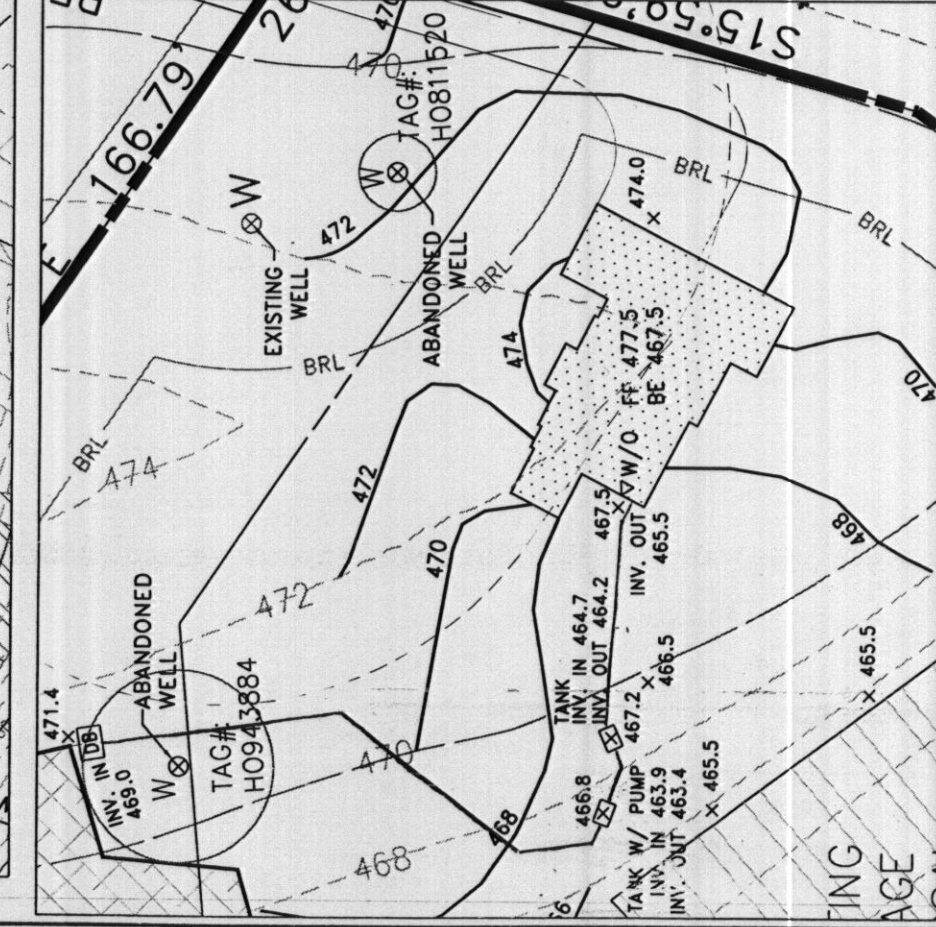
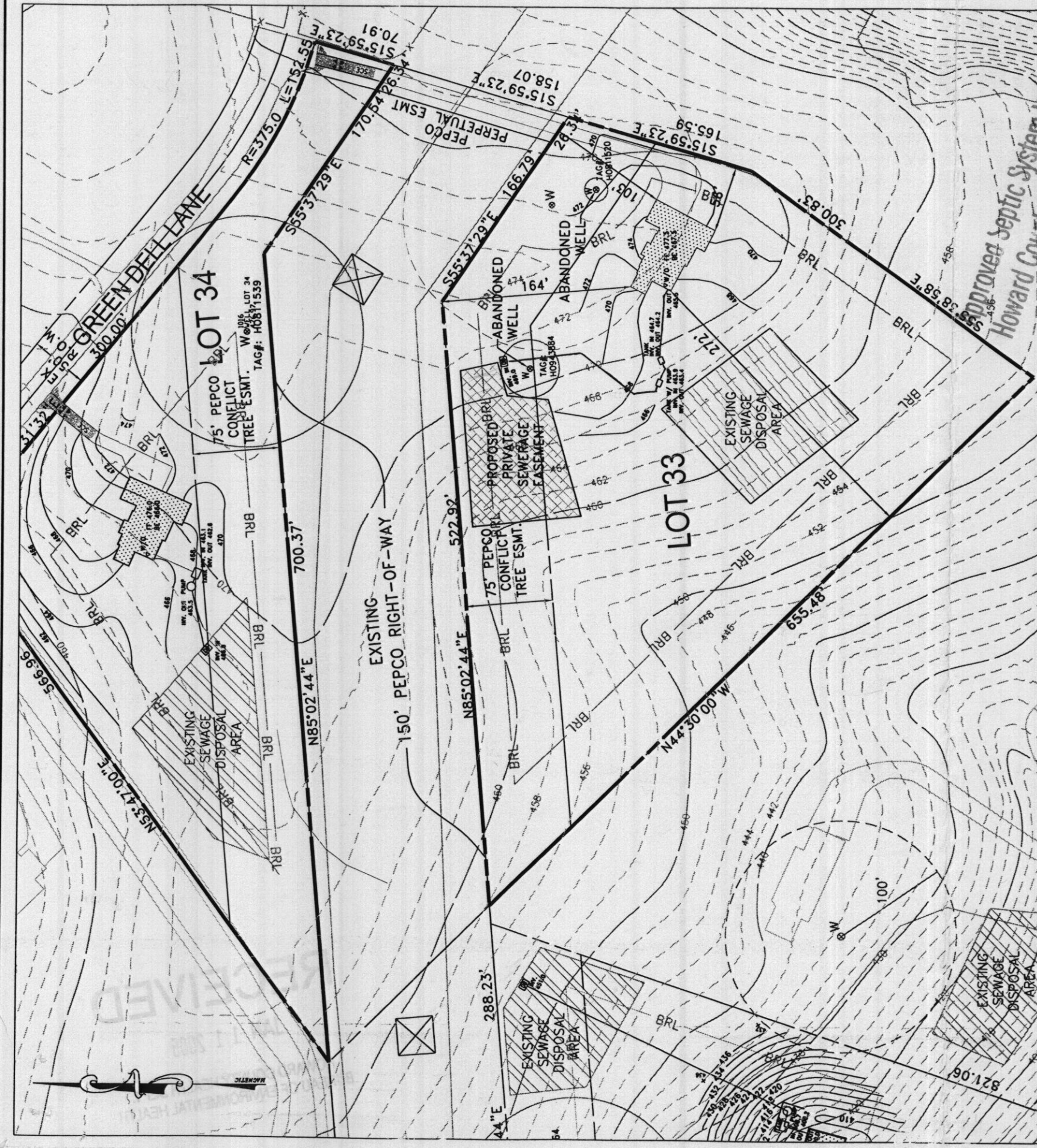
Comp. By:	M.D.T
Drawn By:	M.D.T
Checked By:	W.K.W.

**FOUNDATION SURVEY**

**LOT No. 33**  
**LIME KILN VALLEY**  
**LOTS 33-40 AND PARCEL "A"**  
**PLAT M.D.R. No. 10882**

5TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

SCALE: 1" = 100' DATE: AUG. 11, 2004



800148711

LEGEND

- 396 — EXISTING CONTOUR
- 396 — PROPOSED CONTOUR
- ⊗ EXISTING WELL
- ⊙ PROPOSED WELL
- BRL — BUILDING RESTRICTION LINE
- L.O.D. — LIMIT OF DISTURBANCE
- S.F. — PROPOSED SILT FENCE PER H.C.S.C.D. DETAIL E-15

DATE 1/2/05

PROPOSED SCE PER H.C.S.C.D. DETAIL F-17-3

NOTE

1. DRIVEWAY CONSTRUCTION SHALL DISTURB ONLY THAT WHICH CAN BE BACKFILLED AND STABILIZED AT THE END OF EACH WORKING DAY.
  2. EJECTOR PUMP BASEMENT
  3. THE WELL LOCATION (WELL TAG #H0943884) SHOWN ON THIS PLAN OWNER HAS BEEN FIELD LOCATED BY KCW ENGINEERING TECHNOLOGIES PROFESSIONAL LAND SURVEYOR(S) AND IS ACCURATELY SHOWN.
- PAVING SPECIFICATIONS  
3" BIT CONC.  
6" CR-6
- POTOMAC ELECTRIC POWER CO.  
1900 PENNSYLVANIA AVE. N.W.  
WASHINGTON D.C. 20068
- BUILDER  
ALTIERI HOMES, INC.  
9017 RED BRANCH ROAD, SUI. 201  
COLUMBIA, MD 21045

HOUSE INSERT  
SCALE: 1" = 50'

**KCW**  
ENGINEERING  
TECHNOLOGIES

KCW Engineering Technologies, Inc.  
3106 Lord Baltimore Drive, Suite 110  
Baltimore, Maryland 21244  
Tele (410) 281-0033  
Fax (410) 281-1065  
www.KCW-ET.com

PLAT TO ACCOMPANY BUILDING PERMIT  
FOR  
LIME KILN VALLEY  
LOT 33, 7686 GREENDELL LANE

REVISED  
800148711  
OK. Bob D...  
SCALE: AS SHOWN 1/25/05  
JANUARY 11, 2005

PLAT REFERENCE: MDR 10883  
ELECTION DISTRICT - 5  
HOWARD CO., MARYLAND

TOPOGRAPHY PROVIDED BY HOWARD COUNTY