

LAYOUT 9/29/04 11am INSP 4 _____
INSP 2 11/12/04 - 11 AM INSP 5 _____
INSP 3 _____ INSP 6 _____

ISSUE DATE: 9/22/2004

P 521502

APPROVAL DATE: 11/12/04

A 519693-B

PERMIT

INDEXED

TAX ID # 05-396360

**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 Road, Suite 201 PHONE NUMBER: 410-715-2323

SUBDIVISION: Lime Kiln Valley LOT NUMBER: 35

ADDRESS: 12720 Lime Kiln Road PROPERTY OWNER: Altieri Homes

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

PUMP CHAMBER CAPACITY (GALLONS): 1250 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 240

LINEAR FEET OF TRENCH REQUIRED: 263 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box at the highest SDA corner stake against the rear lot line. Run trenches on contour as shown on plan.
NOTES:	Unless revised tank locations are specifically authorized, septic tank and pump chamber MUST be installed as shown to maintain 18-36" finished cover.

PLANS APPROVED: MER DATE: 6/18/04

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

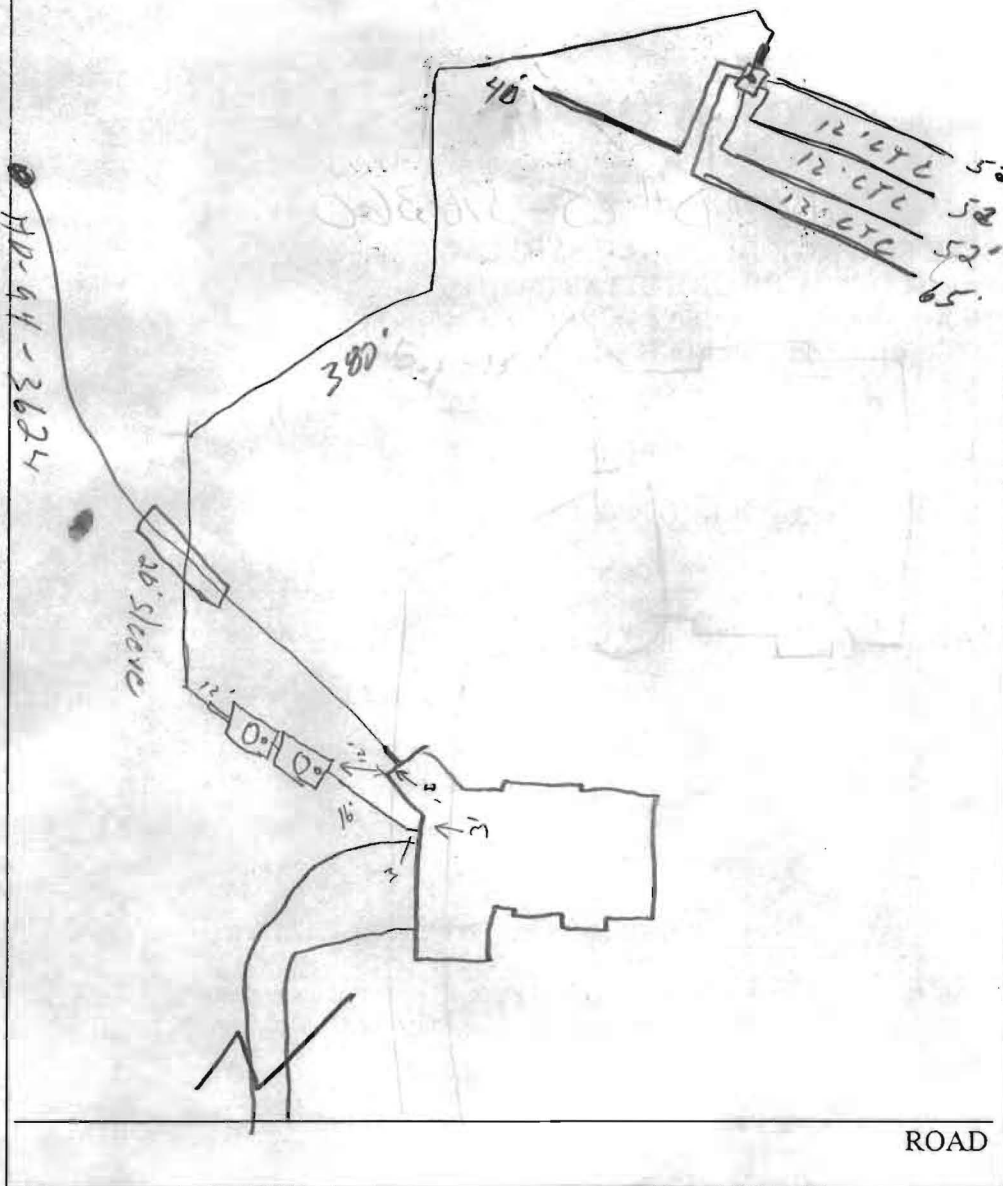
**NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

**CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM
DO NOT LEAVE ANY REQUEST FOR INSPECTION ON VOICEMAIL**
**BUILDING PERMIT SIGNED
AND RETURNED**

12924 600 152559 - PRO PANE TANK

A 519693-B

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3'	5'
NUMBER OF TRENCHES		5
TOTAL LENGTH		261'
ABSORPTION AREA		783A
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	
CAPACITY	1250 GAL
SEAM LOC	top
TANK LID DEPTH	2'
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	
CAPACITY	1250 GAL
SEAM LOC	top
TANK LID DEPTH	2'
BAFFLES	Yes
BAFFLE FILTER	<input checked="" type="checkbox"/>
MANHOLE LOC	center
6" PORT LOC	front
WATERTIGHT TEST	<input checked="" type="checkbox"/>

PRE-CONSTRUCTION _____

INSTALLATION 9/29/04 SDA stake + control looks ok, hole dug and one tank set; told him to be sure trench is 100' from well and ok to cover tanks. The septic + H₂O lines have been switched - just a heads up (DK)

think 13' from house.

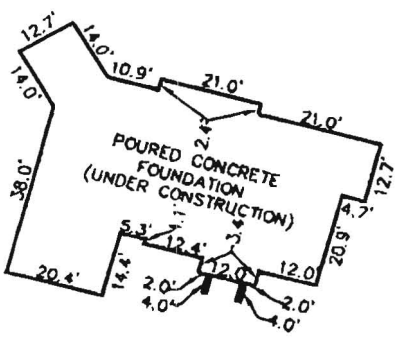
10/6/04 - Trenches installed. Pump & Alarm tests needed (DK) 11/12/04 - Pump & Alarm tests OK (DK)

FINAL INSPECTOR [Signature] DATE OF APPROVAL 11/12/04



9/22/04
Wall check OK
SO

Ed



DETAIL
1" = 40'

12720
LIME KILN
RD

LOT 36

LOT 13

EXISTING
150' PEPCO RIGHT-OF-WAY
PARCEL A

N 85°02'44" E 288.23'

WELL
HO943964 75' TREE CONFLICT AREA

60' BUILDING RESTRICTION LINE

SEE
DETAIL

457' BUILDING
RESTRICTION LINE

LOT No. 35
LIME KILN VALLEY
LOTS 33-40 AND
PARCEL "A"
PLAT M.D.R. No. 10883

N 04°35'42" E
738.98'

S 18°20'33" W
821.06'

TOP OF FOUNDATION WALL = ELEV. = 412.25'

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.

WETLANDS

25' WETLANDS
BUFFER

390'±
TO BROWNS BRIDGE ROAD

LIME KILN ROAD
50' R/W

N 3°2'33" W
89.76'
R=375.00'
L=89.98'



William K. Woody
Professional Land Surveyor
Lic. No. 10724
Date 7/28/04

PLAT REF. LIME KILN VALLEY
LOTS 33-40 AND PARCEL "A"
PLAT M.D.R. No. 10833

KCW JO. 2030269



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. 35
LIME KILN VALLEY
LOTS 33-40 AND PARCEL "A"
PLAT M.D.R. No. 10883

5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

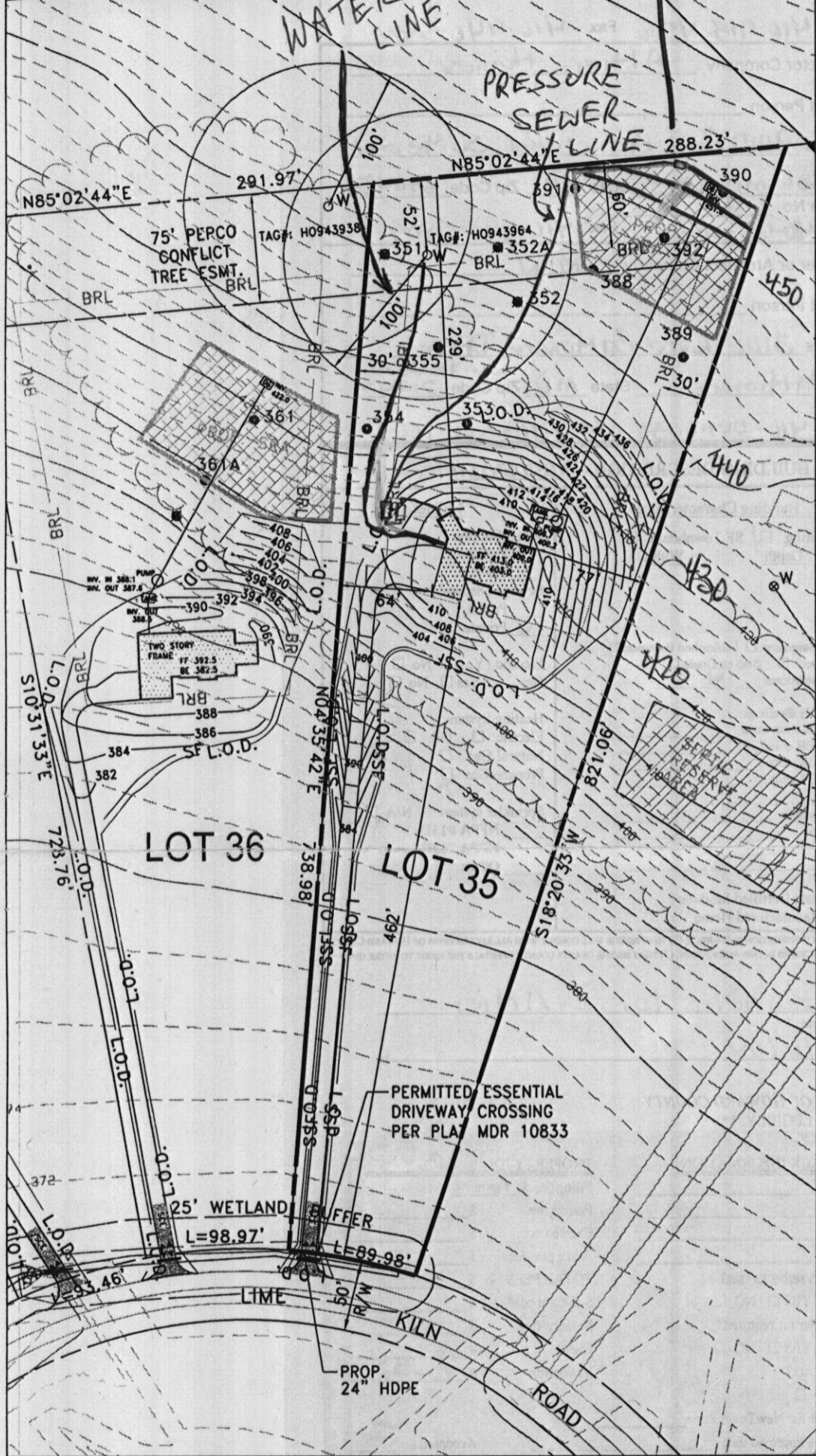
SCALE: 1" = 100' DATE: JULY 28, 2004

Approved Septic System Plan
Howard County Health Department

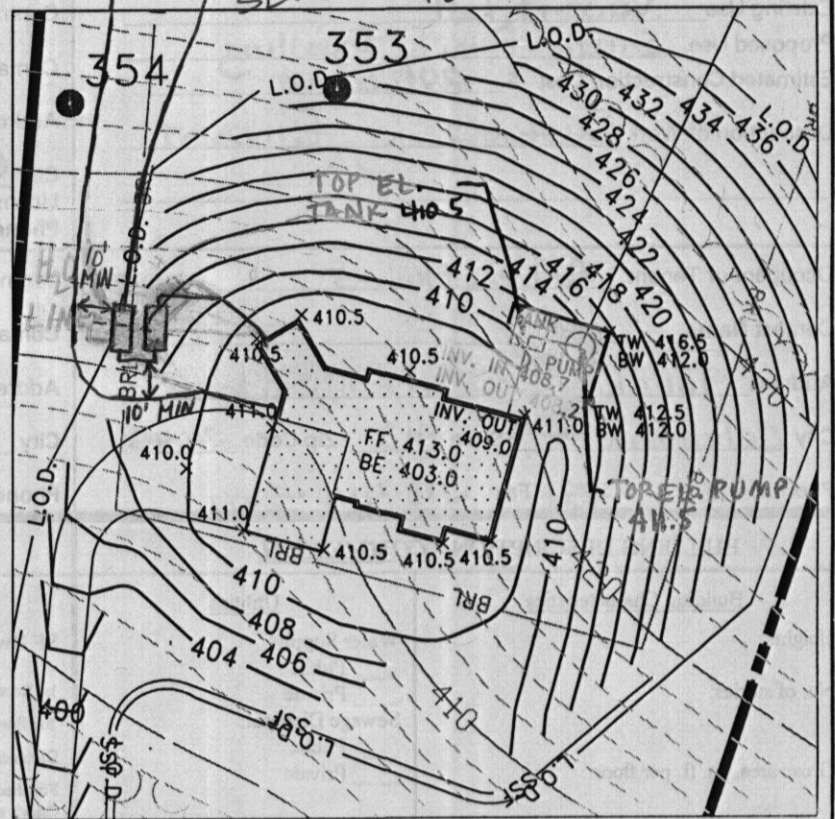
Signature

Date

Mark R. Kim 6/18/04



SCALE: 1"=100'



VINCINITY MAP
NOT TO SCALE

HOUSE INV 409.0
S.T. INV IN 408.5
OUT 408.2
PUMP PIT IN 408.0
D.B. IN 450.5

HOUSE INSERT
SCALE: 1"=50'

LEGEND

— 396 —	EXISTING CONTOUR
— 396 —	PROPOSED CONTOUR
⊗	EXISTING WELL
⊙	PROPOSED WELL
▨	PROPOSED SEPTIC RESERVE AREA
— BRL —	BUILDING RESTRICTION LINE
— L.O.D. —	LIMIT OF DISTURBANCE
— S.F. —	PROPOSED SILT FENCE PER H.C.S.C.D. DETAIL E-15
→	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. EJECTOR PUMP BASEMENT
2. THE WELL LOCATION (WELL TAG #H0943964) SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY KCW ENGINEERING TECHNOLOGIES PROFESSIONAL LAND SURVEYOR(S) AND IS ACCURATELY SHOWN.

PAVING SPECIFICATIONS
3" BIT CONC.
6" CR-6

OWNER
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

TOPOGRAPHY PROVIDED BY
HOWARD COUNTY



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 35, LIME KILN ROAD

SCALE: AS SHOWN
JUNE 14, 2004

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