

05396220

LAYOUT 6/2/04-3PM INSP 4 _____
INSP 2 _____ INSP 5 _____
INSP 3 _____ INSP 6 _____

ISSUE DATE: 5/28/04
APPROVAL DATE: 9/24/04

P 520387
A 519693-A

PERMIT INDEXED

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

Columbia Plumbing & Heating IS PERMITTED TO INSTALL ALTER
ADDRESS: 9017 Red Branch Rd, Ste 201/21045 PHONE NUMBER: 410-715-2323
SUBDIVISION: Lime Kiln Valley LOT NUMBER: 37
ADDRESS: 12732 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: 200 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 7.0 feet below original grade. Effective area begins at 5.0 feet below original grade. 3.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box in the middle between the two highest staked SDA corners and 5 feet from the rear lot line. Run (3) trenches on contour to right side of lot as shown on plan.
NOTES:	Install tanks to provide 18-36" finished cover.

PLANS APPROVED: MER DATE: 4/8/04

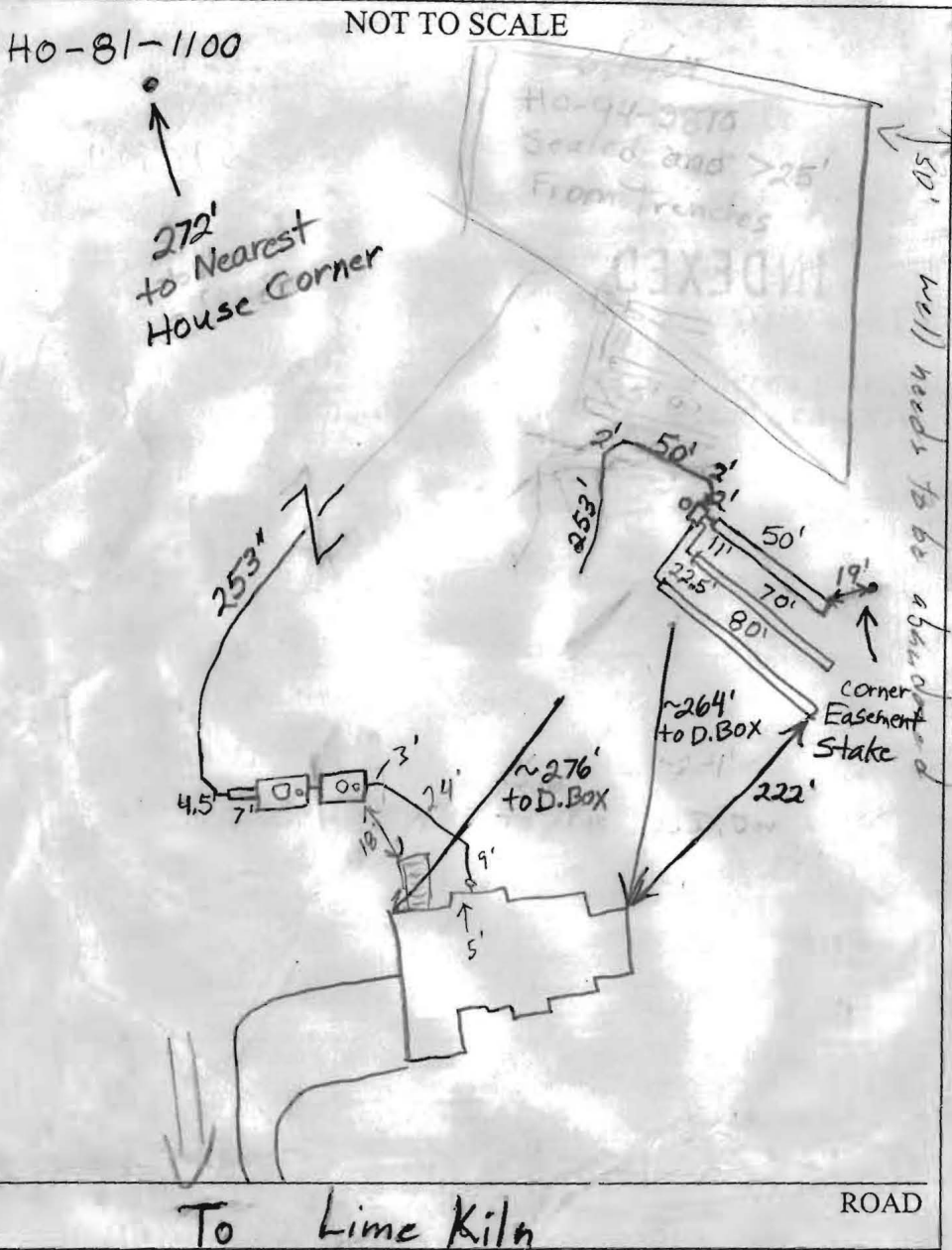
NOTES: PERMIT VOID AFTER 2 YEARS
CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
WATERTIGHT SEPTIC TANKS REQUIRED
ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND 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

9/22/2004 300150181 1000 gal UG propane tank



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3	4'	7'
NUMBER OF TRENCHES		3
TOTAL LENGTH		200
ABSORPTION AREA		800+
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL ✓	
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	2'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Middle
6" PORT LOC	Front
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL ✓	
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	3'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Middle
6" PORT LOC	Front
WATERTIGHT TEST	No

PRE-CONSTRUCTION 6/7/04 - SRA stake, contours accurate. Adj well HO-94-3870 drilled in wrong spot. No ICOP until its

INSTALLATION abandoned. Install 50' / 70' / 80' trenches on contour (SO)

6/10/04 Need house connection. Adjacent well 94-3870 appears to be sealed with grout. 2" pump line almost finished. It looks like part of the pump line is on Pepco's property. Left note for installer to check. O.K. to cover everything (BB)

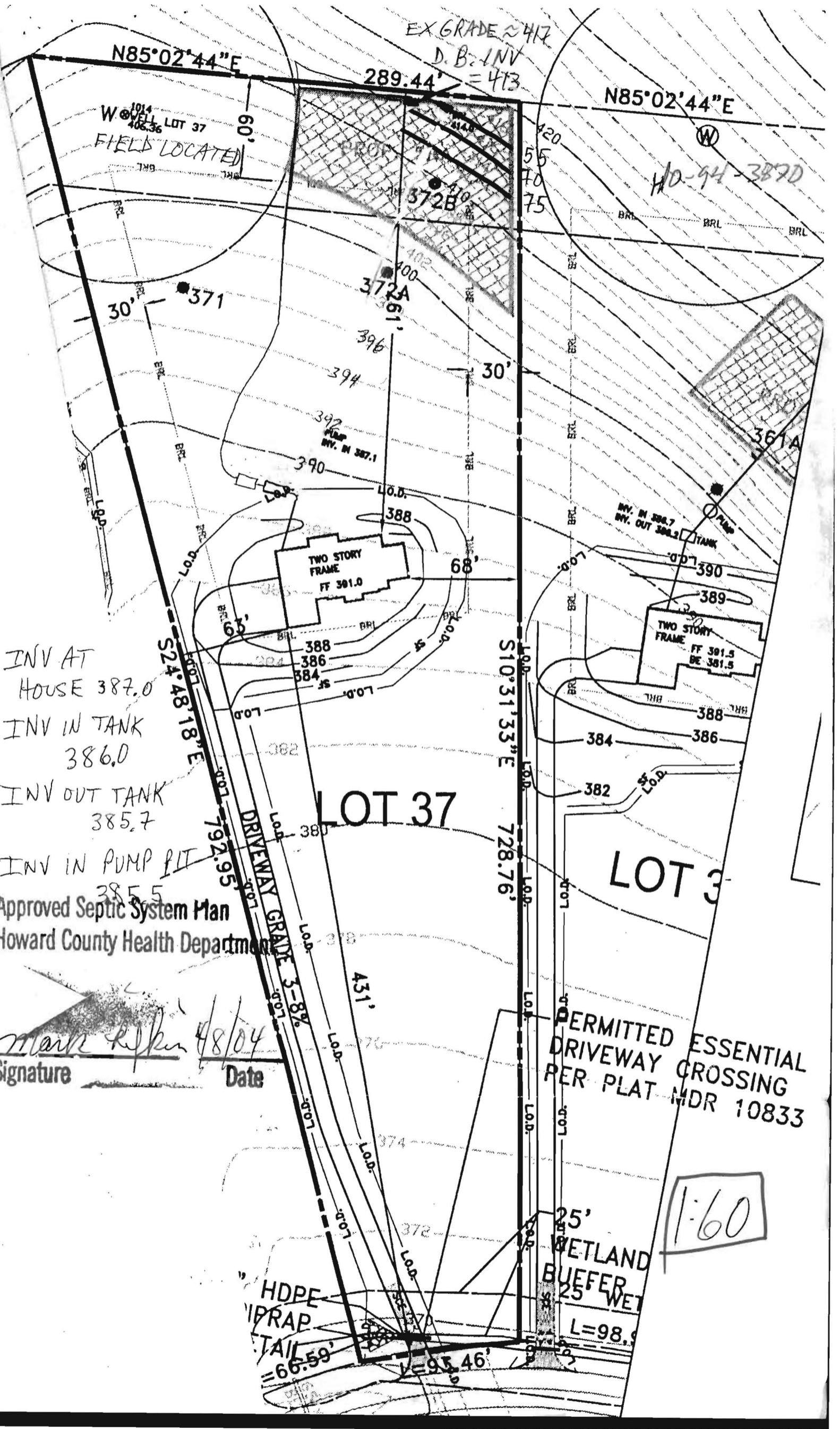
9/11/04 Called installer he said line wasn't on any part of Pepco's property. Everything backfilled. Need pump and alarm test. (BB)

9/21/04 Alarm test passes. Call for pump

FINAL INSPECTOR B. Baker DATE OF APPROVAL 9/24/04

9/23/04 - Pump test OK, need to verify adj well has been sealed (SO)

9/24/04 Abandonment form for HO-94-3870 received. (BB)



EX GRADE ≈ 417
 D.B. INV = 413

N85°02'44"E

N85°02'44"E

WELL LOT 37
 FIELD LOCATED

HD-94-387D

INV AT HOUSE 387.0
 INV IN TANK 386.0
 INV OUT TANK 385.7
 INV IN PUMP PIT 385.5

Approved Septic System Plan
 Howard County Health Department

Signature: *Mark Ripper* 4/8/04
 Date

LOT 37

LOT 3

PERMITTED DRIVEWAY CROSSING
 PER PLAT MDR 10833

1:60

25' WETLAND BUFFER
 25' WET

HDPE
 WRAP
 TAIL
 = 66.59'

L = 95.46'

L = 98.9'

S24°48'18"E

S10°31'33"E

DRIVEWAY GRADE 3-8%

792.95

728.76'

431'

66.59'

95.46'

98.9'

30'

371

372A

372B

396

394

392

390

388

388

386

384

382

380

378

376

374

372

370

368

30'

68'

65'

60'

60'

60'

60'

60'

60'

60'

60'

60'

420

55

70

75

75

80

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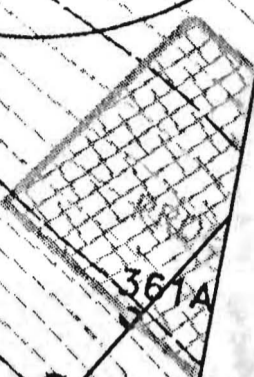
180

185

190

195

200



INV. IN 388.7
 INV. OUT 384.5 TANK



388

386

384

382

380

378

376

374

372

370

368

366

364

362

360

358

356

354