

05385016

LAYOUT 5/24/04 - Noon INSP 4
INSP 2 5/27/04 INSP 5
INSP 3 6/8/04 - PM INSP 6

ISSUE DATE: 5/11/2004

P 520350

APPROVAL DATE: 9/15/04

A 518032

PERMIT
05-385016
INDEXED

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

Jack Fyock Septic Service IS PERMITTED TO INSTALL ALTER

ADDRESS: PO Box 89, Glenelg, MD 21737 PHONE NUMBER: 410-988-9270

SUBDIVISION: Allnut Farm LOT NUMBER: 41

ADDRESS: 6300 Isle of Skye Drive PROPERTY OWNER: David & Chong Kim

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: 210 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be ^{2.0} 6.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 9.0 feet below original grade. Effective area begins at 6.0 feet below original grade. 6.0 feet of stone below distribution pipe. 5.0
LOCATION:	Place the distribution box at the highest useable portion of the SDA.
NOTES:	

PLANS APPROVED: John A. Boris REVISED BY MR DATE: 12/23/03

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 NOR 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

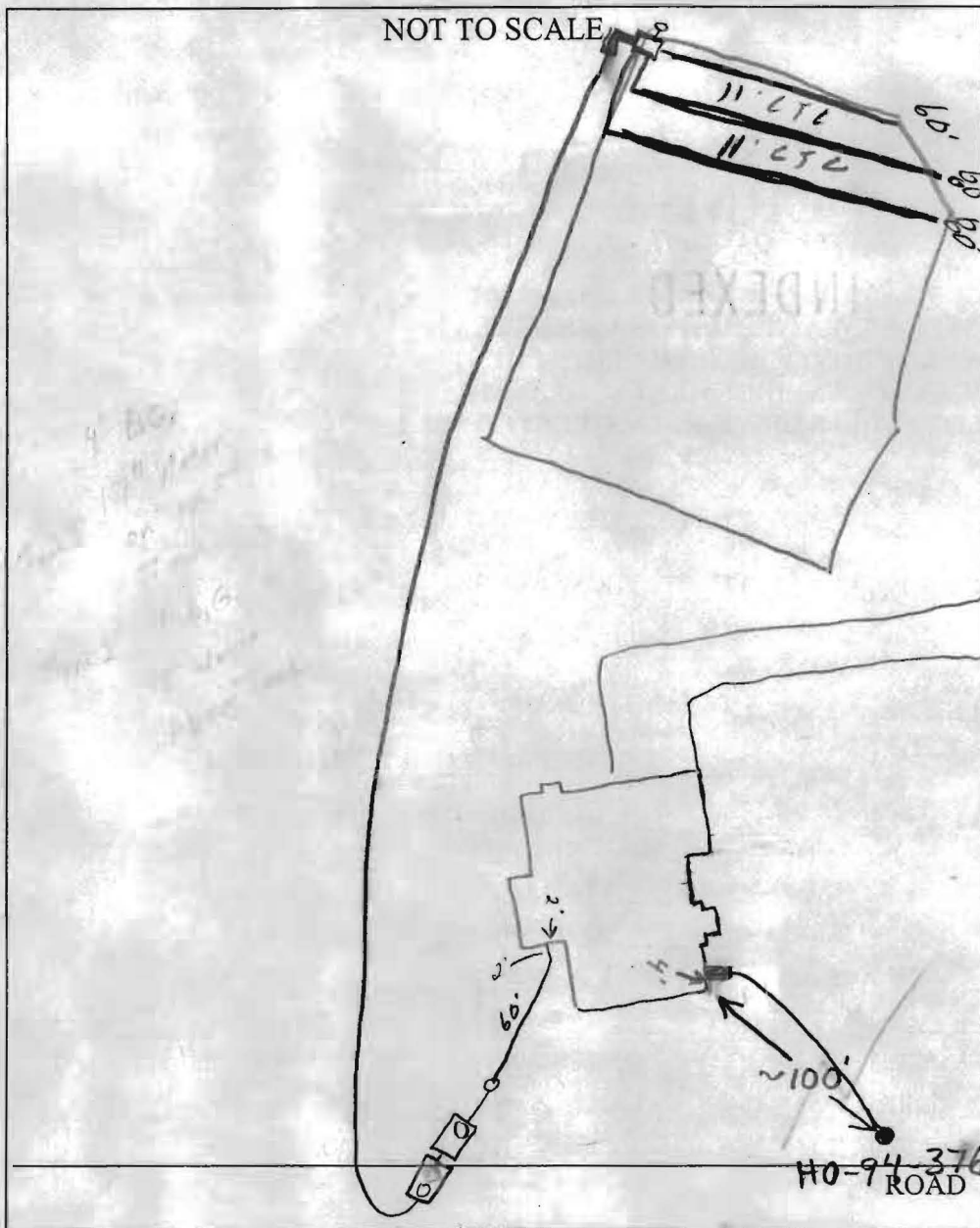
DO NOT LEAVE ANY REQUEST FOR INSPECTION ON VOICEMAIL

BUILDING PERMIT SIGNED AND RETURNED

8/13/2004 1000 gal UG PROPANE TANK B06149701
9/14/05 6005591-DELR

A518032

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2	4	9
NUMBER OF TRENCHES		3
TOTAL LENGTH		220'
ABSORPTION AREA		880 4
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	4'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input type="checkbox"/>
MANHOLE LOC	Front
6" PORT LOC	<input type="checkbox"/>
WATERTIGHT TEST	<input type="checkbox"/>
SEPTIC TANK 2 LEVEL	
CAPACITY	1250? GAL
SEAM LOC	Top
TANK LID DEPTH	4'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input type="checkbox"/>
MANHOLE LOC	Back
6" PORT LOC	<input type="checkbox"/>
WATERTIGHT TEST	<input type="checkbox"/>

PRE-CONSTRUCTION 5/24/04 - Cancelled (S) 5/27/04 - SRA staked, contour not accurate. Maybe able to get (3) 70' trenches. If

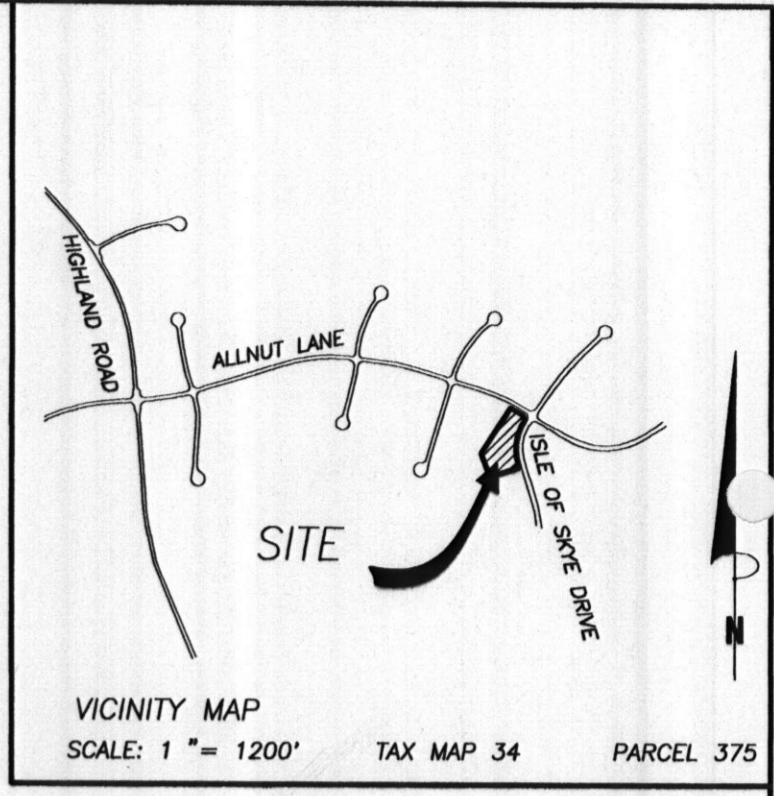
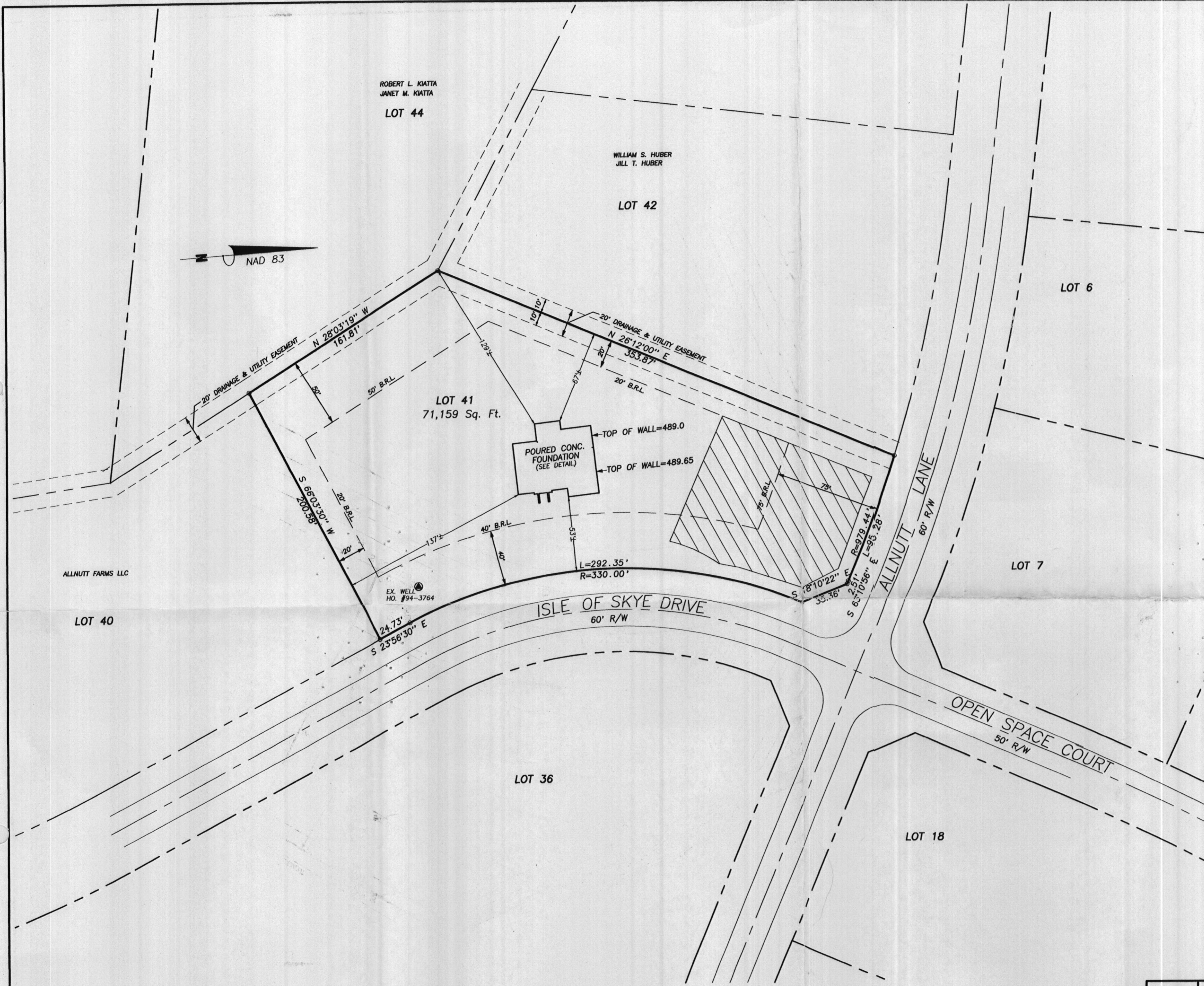
INSTALLATION This curves to much install 50'/70'/90' up slope as much as possible (S) 6/8/04 - Trenches installed OK to cover. Tanks floated over night. Water table 6" below lid. OK to move tank further upslope but no more than 4' of cover. Otherwise, use load bearing lids (S)

6/25/04 Both tanks 4' below grade. Both tanks covered by 1 1/2' of groundwater inside manhole risers. (BB) 6/30/04 Dug hole near tanks. Water at 2.5'. Mottling at 1.5'. (BB)

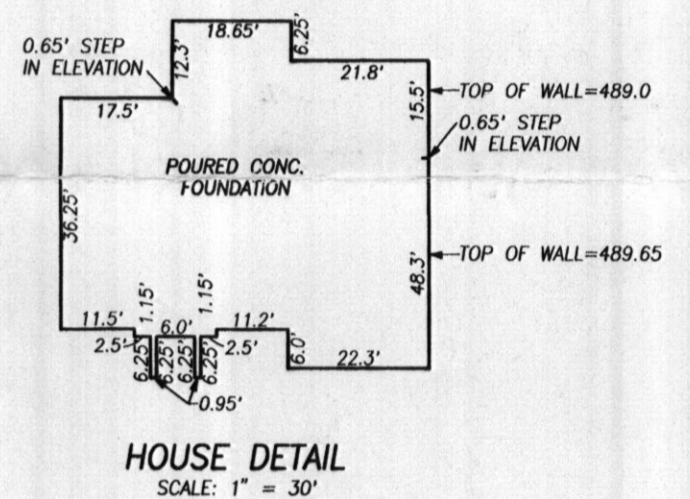
FINAL INSPECTOR Steve [Signature] DATE OF APPROVAL 9/15/04

9/15/04 - Pump test OK, No alarm, risers look OK, sealed w/ hydraulic cement (S)

5/15/04 - Alarm OK (S)



- NOTES:
1. FOOTINGS AND FOUNDATION ARE IN PLACE AS SHOWN.
 2. TOP OF WALL = 489.65 AND 489.00 (SEE PLAN)
 3. THE EXISTING WELL SHOWN ON THIS PLAN HO-94-3764 HAS BEEN FIELD LOCATED BY VANMAR ASSOCIATES, INC. PROFESSIONAL LAND SURVEYORS AND ACCURATELY SHOWN.



WALL CHECK OK
 HOUSE RAISED 12"
 MR 5/11/04

I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.

Sourabh Munn 3/23/04
 SOURABH G. MUNSHI, PROF. L. S., MD. REG. # 10770 DATE

DATE	REVISIONS

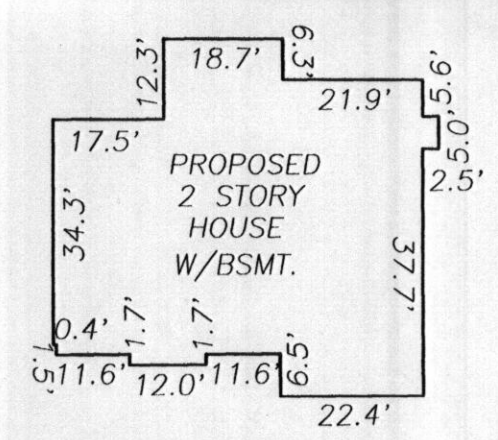
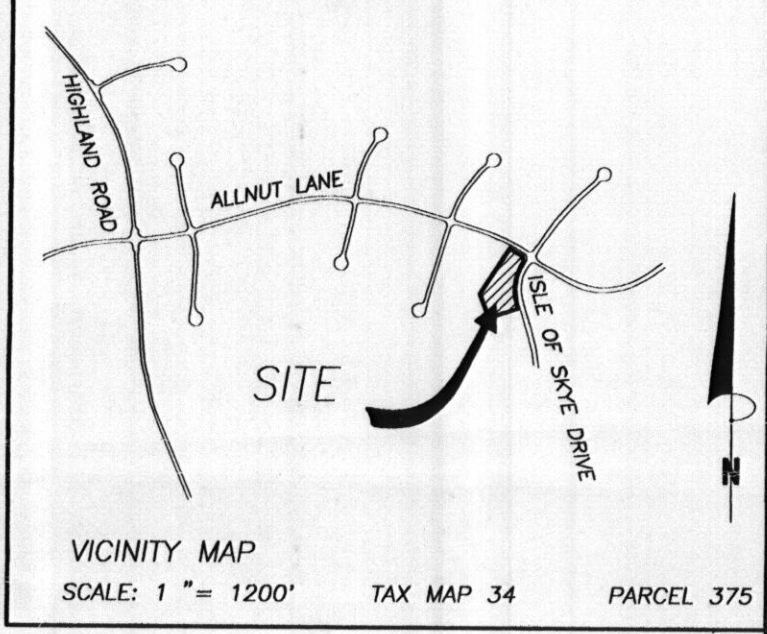
WALL CHECK DRAWING
ALLNUTT FARMS ESTATES
 LOT 41, SECTION IV
 LIBER 4982 FOLIO 543

6300 ISLE OF SKYE DRIVE
 ELECTION DISTRICT No. 5
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 50' MARCH, 2004

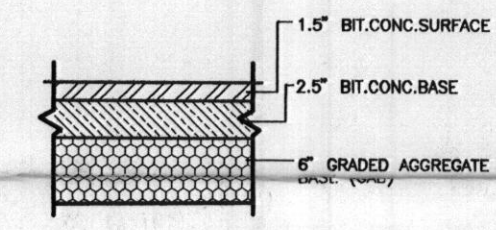
VANMAR ASSOCIATES, INC.
 Engineers Surveyors Planners
 310 South Main Street P.O. Box 328 Mount Airy, Maryland 21771
 (301) 829 2890 (301) 831 5015 (410) 549 2751



File name: T:\EP\0085\A1-4632\LOTS\LOT41-1\4632PERC



HOUSE DETAIL
1" = 30'



SEPTIC ELEVATIONS

PROPOSED HOUSE:
F.F. ELEV. = 489.7
BSMT. ELEV. = 480.7
GAR. ELEV. = 488.3
INV. IN = 479.7

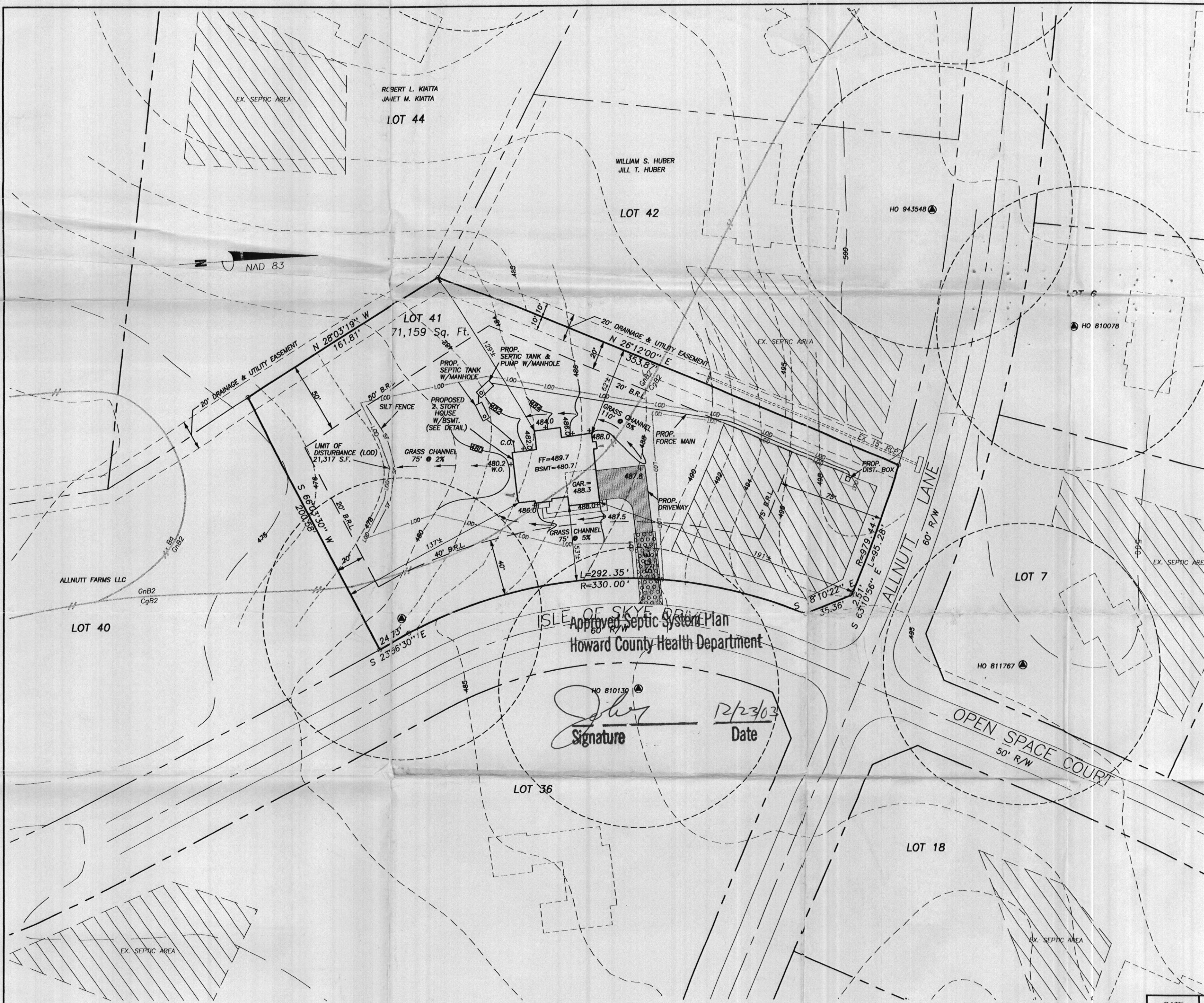
PROPOSED SEPTIC TANK:
EX GRD. ELEV. = 482.0
PROP. GRD. ELEV. = 482.0
INV. IN = 479.1
INV. OUT = 478.8

PROPOSED SEPTIC TANK W/PUMP
EX GRD. ELEV. = 482.0
PROP. GRD. ELEV. = 482.0
INV. IN = 478.6

PROPOSED DISTRIBUTION BOX:
EX GRD. ELEV. = 483.0
INV. IN = 480.2
INV. OUT = 479.9

NOTES:

- TOPOGRAPHY IS AERIAL FROM HOWARD COUNTY, MARYLAND.
- ACTUAL LENGTH AND NUMBER OF TRENCHES FOR SEWERAGE ARE TO BE DETERMINED AT THE TIME OF SEPTIC SYSTEM PERMIT ISSUANCE.
- PROPOSED HOUSE IS 4 BEDROOM.
- LIMIT OF DISTURBANCE: (LOD) 21,317 Sq. Ft.
- THE EXISTING WELL(S) SHOWN ON THIS PLAN HO-81-0078, HO-81-0130, HO-81-1767, HO-94-3548 HAS BEEN FIELD LOCATED BY VANMAR ASSOCIATES, INC. PROFESSIONAL LAND SURVEYORS AND ACCURATELY SHOWN.



DATE	REVISIONS

Kim Residence
David and Chong Kim
Lot 41 Allnut Farms Estates
6300 Isle of Skye Drive, Highland, MD 20777

Builder
Stevens Builders, Inc.
3905 National Drive
Burtomsville, MD 20866



PLOT PLAN
ALLNUTT FARMS ESTATES
LOT 41, SECTION IV
LIBER 4982 FOLIO 543

6300 ISLE OF SKYE DRIVE
ELECTION DISTRICT No. 5
HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' NOVEMBER, 2003

VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners
310 South Main Street P.O. Box 328 Mount Airy, Maryland 21771
(301) 829 2890 (301) 851 5015 (410) 549 2751