

LAYOUT 6/25/04 1:00 INSP 4 7/6/04 PM
 INSP 2 6/30/04 F/U INSP 5 _____
 INSP 3 7/2/04-PM INSP 6 _____

ISSUE DATE: 6/24/2004

APPROVAL DATE: 7/6/04

**PERMIT
INDEXED**

P 520439

A 519015

05408962

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

Danner Development Inc IS PERMITTED TO INSTALL ALTER

ADDRESS: 1006 Parris Ridge Dr, Spencerville PHONE NUMBER: 301-384-2897

SUBDIVISION: Koandah Gardens LOT NUMBER: 7

ADDRESS: 13105 Isle of Mann Way PROPERTY OWNER: Dennis/Donna Danner

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 6

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 420 HOUSE SERVED BY PUBLIC WATER

400' acceptable

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 7.5 feet below original grade. 4.0 feet of stone below distribution pipe.
LOCATION:	Install distribution box ten feet higher than the highest staked edge of SDA. Run (6) 70' trenches on contour in either direction, with highest trench at same elevation as distribution box.
NOTES:	Install tanks as shown to provide 18-36" +/- finished cover.

PLANS APPROVED: MER DATE: 11/26/03

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

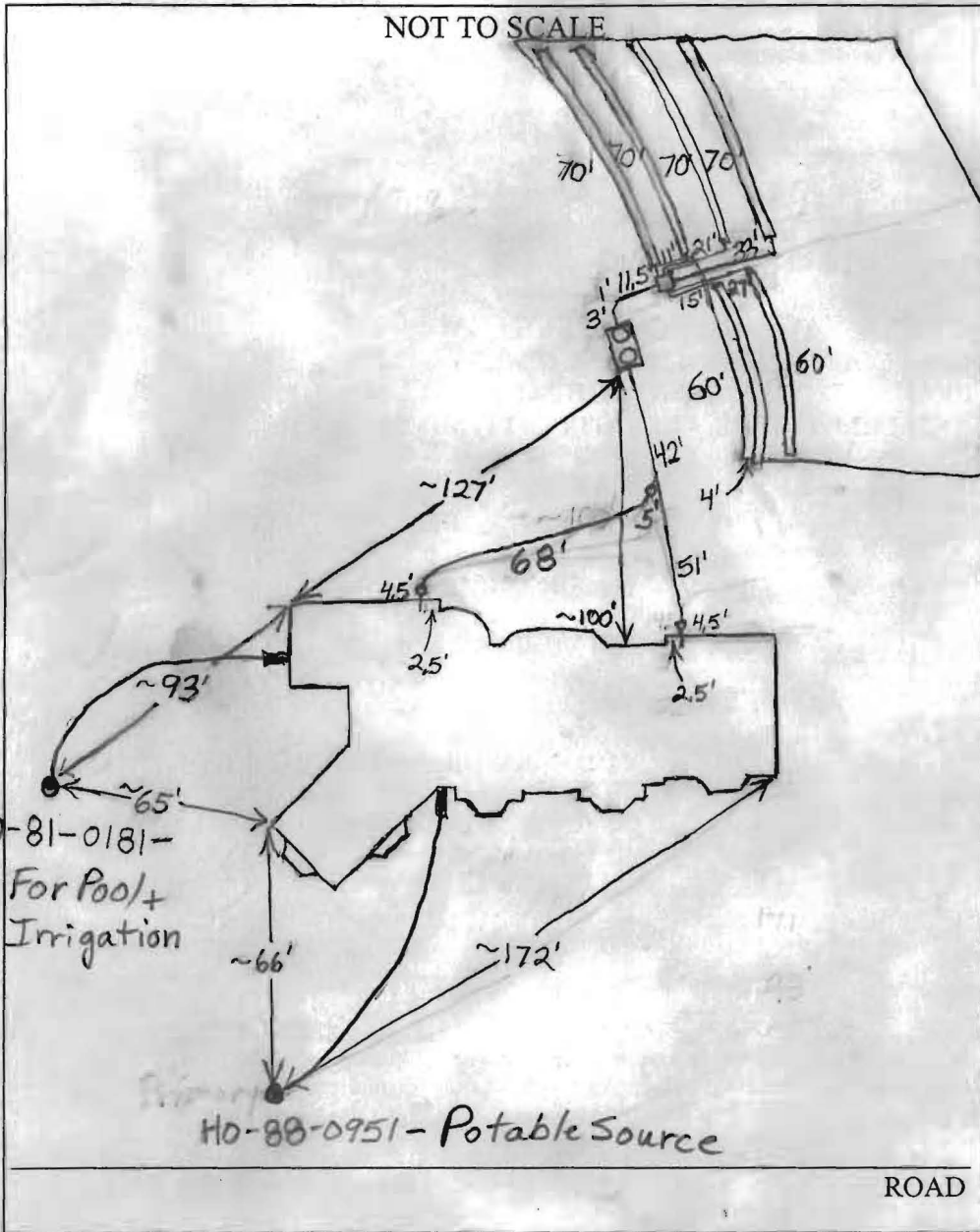
**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS
 RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
 CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM
 DO NOT LEAVE ANY REQUEST FOR INSPECTION ON VOICEMAIL**

**BUILDING PERMIT SIGNED
 AND RETURNED**

8/5/2004 B00149749 INGROUND POOL
 10/1/2004 B00150304 POOL HOUSE

4517012

NOT TO SCALE



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	4'	8'
NUMBER OF TRENCHES <u>6</u>		
TOTAL LENGTH <u>400'</u> <small>+sidewall</small>		
ABSORPTION AREA <u>1200 sq. ft.</u>		
DISTRIBUTION BOX LEVEL <u>Levelers</u>		
DISTRIBUTION BOX BAFFLE <u>Yes</u>		
DISTRIBUTION BOX PORT <u>No</u>		

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	<input checked="" type="checkbox"/>
CAPACITY	<u>2000</u> GAL
SEAM LOC	<u>Top</u>
TANK LID DEPTH	<u>2.5'</u>
BAFFLES	<u>Yes</u>
BAFFLE FILTER	<u>No</u>
MANHOLE LOC	<u>Front+Back</u>
6" PORT LOC	<u>None</u>
WATERTIGHT TEST	<u>No</u>
SEPTIC TANK 2 LEVEL	<u>N/A</u>
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

2-Comp.

PRE-CONSTRUCTION 6/25/04 To install as per building permit. Builder advised not to do any grading or adding fill to septic easement and to adjust drainage away from easement. Well line for 81-0181 slewed under driveway area. (BB)

INSTALLATION 6/30/04 Tank set. First two trenches done. (BB) 7/1/04 Need to make house connection. One trench left to install and check levelers in distribution box. (BB) 7/2/04 Last trench installed. (BB) 7/6/04 House connections made. (BB)

BUILDING PERMIT SIGNED

FINAL INSPECTOR B. Baber

DATE OF APPROVAL 7/6/04

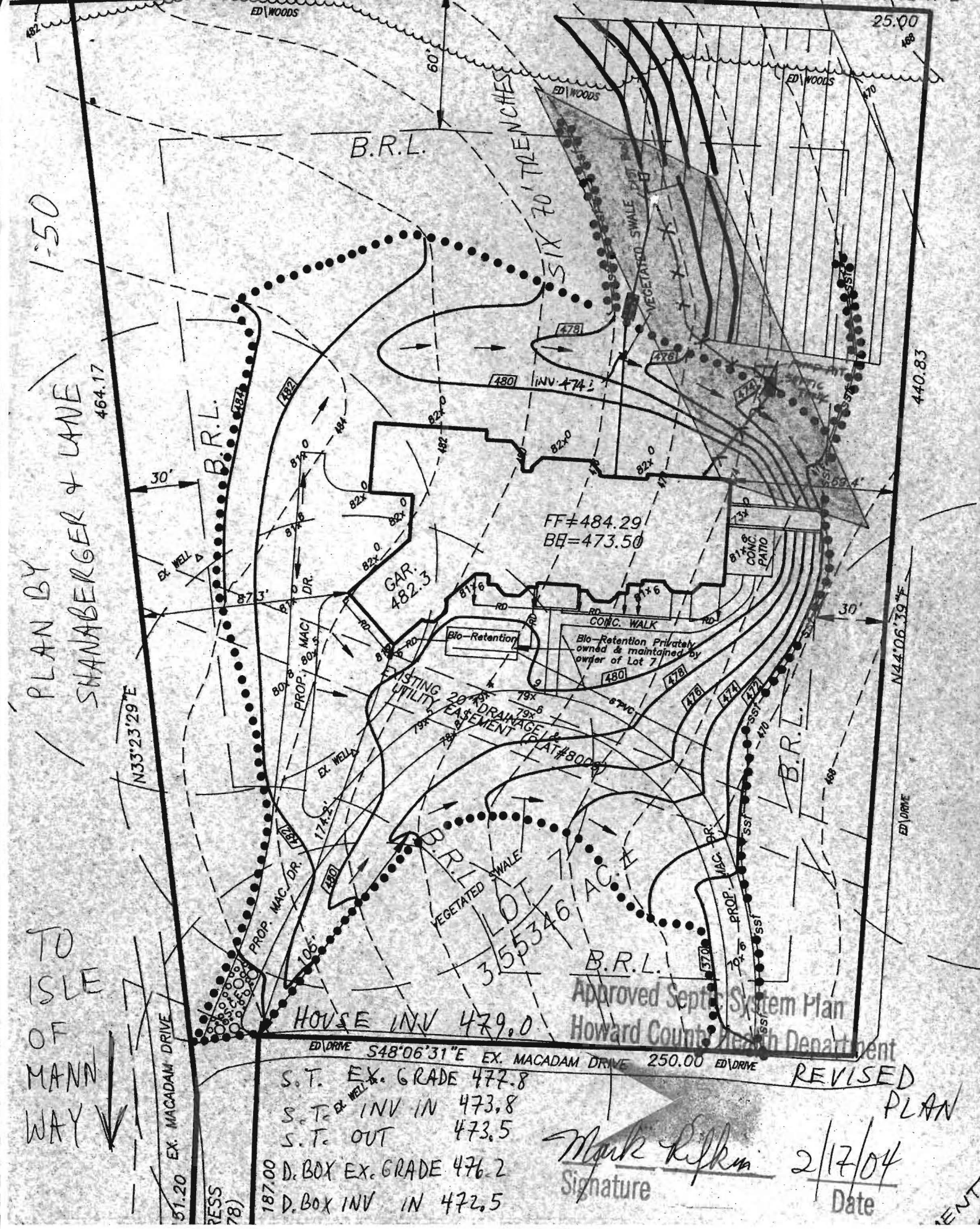
S52°14'38"E 152.46

S47°12'48"E 183.65

S47°32'47"E 25.00

PLAN BY SHANABERGER & LANE TO ISLE OF MANN WAY

1:50



Approved Septic System Plan
Howard County Health Department

HOUSE INV 479.0
 S.T. EX. GRADE 477.8
 S.T. EX. INV IN 473.8
 S.T. OUT 473.5
 D. BOX EX. GRADE 476.2
 D. BOX INV IN 472.5

REVISED PLAN

Signature *Mark Rifkin* 2/17/04
 Date