

LAYOUT 5/10/04-10AM INSP 4 \_\_\_\_\_  
 INSP 2 5/11/04 INSP 5 \_\_\_\_\_  
 INSP 3 6/28/04-8:30A 3PM INSP 6 \_\_\_\_\_

ISSUE DATE: 2/27/2003

APPROVAL DATE: 6/24/04

# PERMIT INDEXED

P 520073

A 515281

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

**03-339246**

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL  ALTER

ADDRESS: 580 Obrecht Road, Sykesville PHONE NUMBER: 410-795-5670

SUBDIVISION: Crist Property LOT NUMBER: 2

ADDRESS: 13955 Burntwoods Road PROPERTY OWNER: Scott/Pam Salafia

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: 180

LINEAR FEET OF TRENCH REQUIRED: 200 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 distribution box at edge of staked SDA as shown on plan. Run (3) trenches on contour toward driveway entrance as shown.
NOTES:	Dig confirmation test hole at SE corner of SDA as shown on plan due to inclusion of untested area in platted location.

PLANS APPROVED: MER DATE: 11/13/03

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

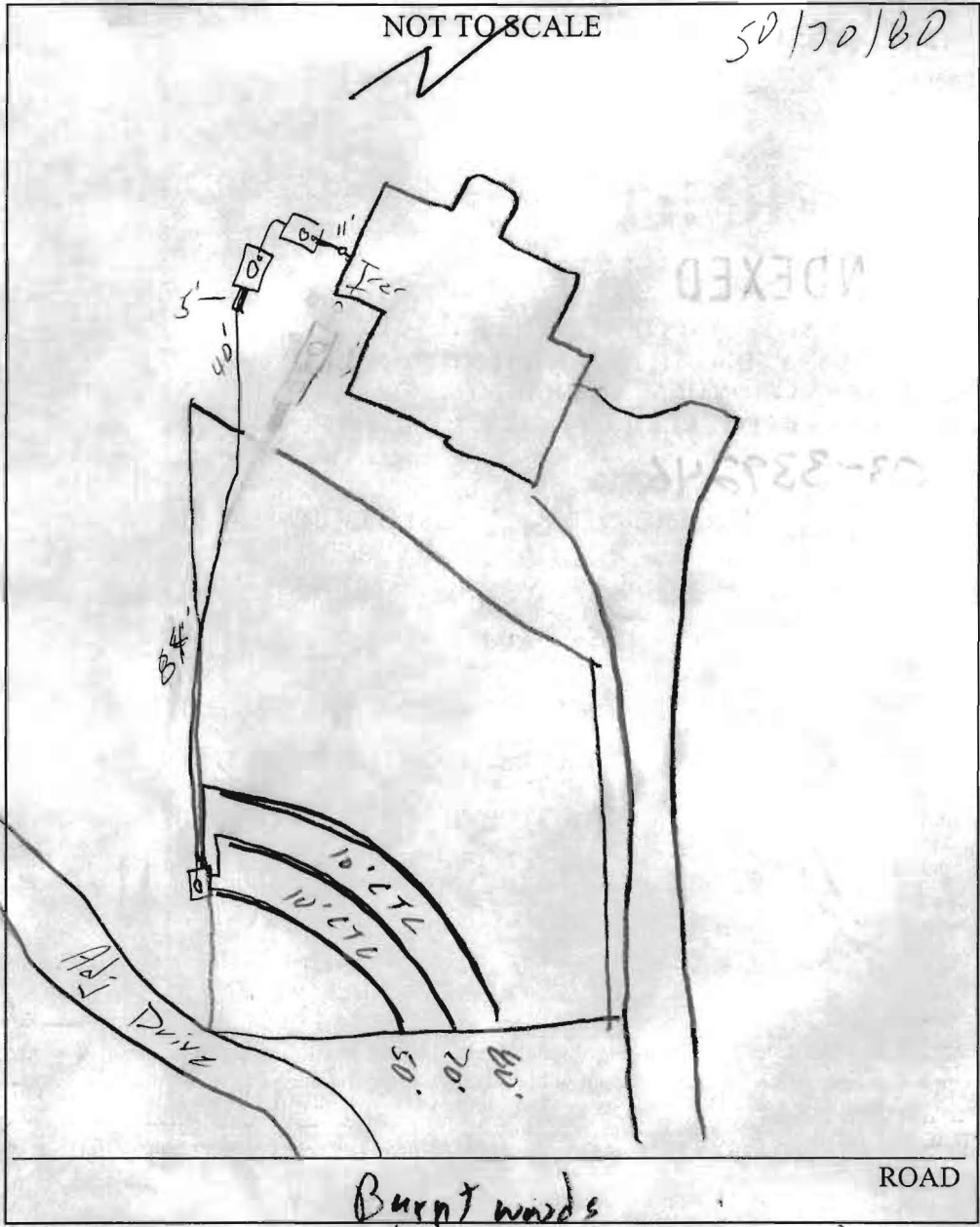
**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS  
 RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM  
 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT  
 CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM  
 DO NOT LEAVE ANY REQUEST FOR INSPECTION ON VOICEMAIL**

A 515281

110-94-

NOT TO SCALE

50/70/80



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3'	5'
NUMBER OF TRENCHES	3	
TOTAL LENGTH	200	
ABSORPTION AREA	600 <del>4</del>	
DISTRIBUTION BOX LEVEL	✓	
DISTRIBUTION BOX BAFFLE	✓	
DISTRIBUTION BOX PORT	✓	

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	✓
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	2'
BAFFLES	✓
BAFFLE FILTER	—
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	—
SEPTIC TANK 2 LEVEL	✓
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	13'
BAFFLES	✓
BAFFLE FILTER	✓
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	—

PRE-CONSTRUCTION 5/10/04 - SRA staked, contour accurate. Tank location changed. Used tank hole for confirmation hole.

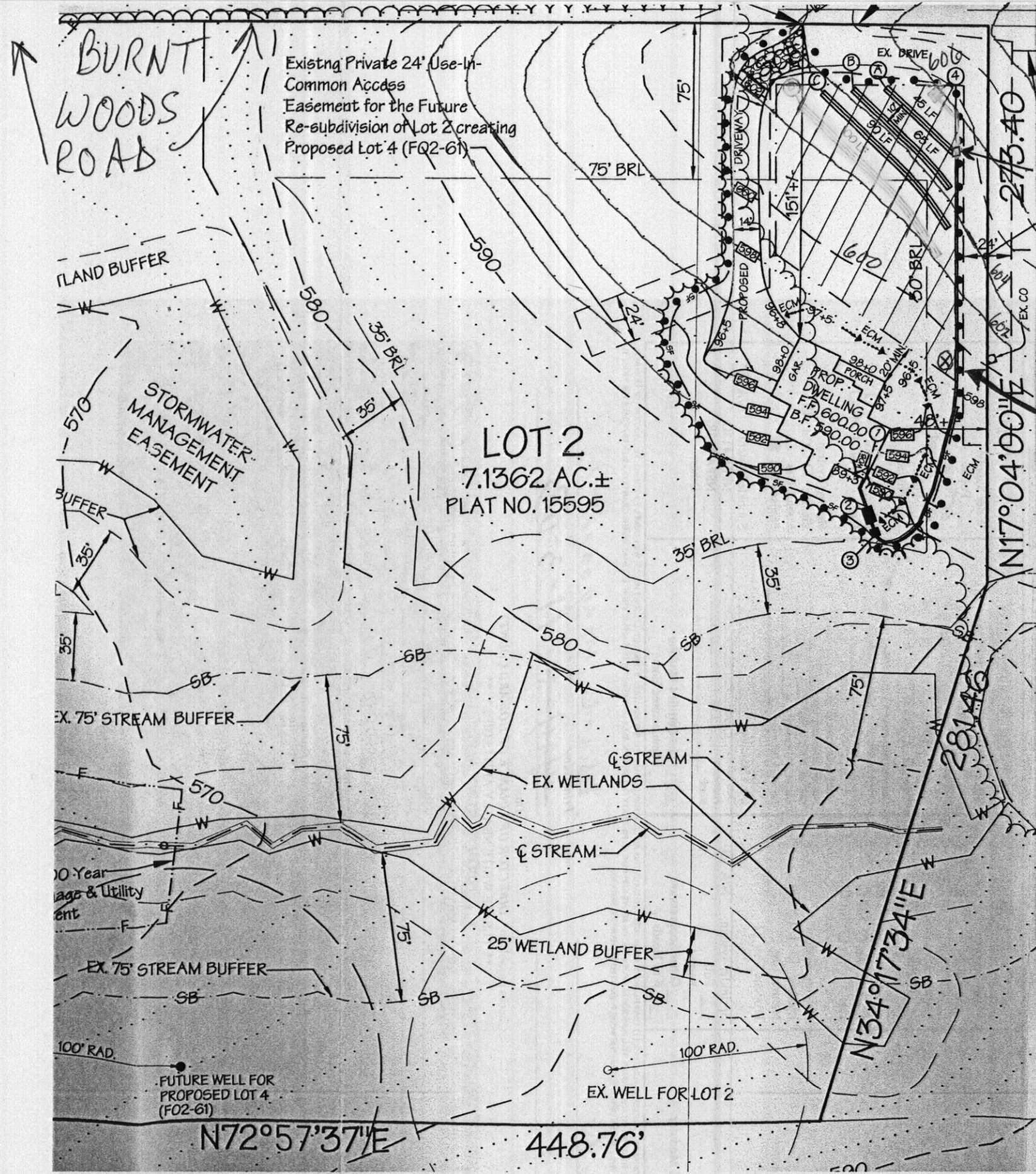
INSTALLATION Same as per #108. Install per B.P. (SO)

5/11/04 - House conn needed, pump & Alarm tests needed. Ok to cover all work completed (SO)

6/28/04 - Tanks moved, ok to cover. Pump & Alarm tests ok (SO)

FINAL INSPECTOR [Signature] DATE OF APPROVAL 6/28/04





**COUNTY MAP**

SCALE: 1" = ~~2000'~~  
60'

W8  
DIST. BOX  
HERE PLAN BY LDE

**NOTES:**

1. EXISTING ZONING: RR-DEO (RURAL RESIDENTIAL)
2. PLAT REFERENCE: 15595 - 15596
3. LIMIT OF DISTURBANCE: 27,300 SQ. FT. +/-
4. THE TOPOGRAPHY SHOWN IS TAKEN FROM HOWARD COUNTY AERIAL PHOTOGRAMMETRY.
5. SEE ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS.

DIG CONFIRMATION TEST HOLE

SEWAGE SYSTEM DESIGN DATA: Approved Septic System Plan  
Howard County Health Department

- ① INVERT AT FOUNDATION WALL: 587.50
- ② 1500 GALLON SEPTIC TANK (5 BEDROOMS)  
PROVIDE MANHOLE TO FINISHED GRADE  
A. EX. GROUND OVER TANK: 589.50  
B. PROP. GRADE OVER TANK: 589.20  
C. INVERT IN: 586.50  
D. INVERT OUT: 586.20
- ③ 1500 GALLON PUMP PIT:  
A. EX. GROUND OVER PIT: 589.00  
B. PROP. GRADE OVER PIT: 589.00  
C. INVERT IN: 586.00  
D. INVERT OUT: 586.50
- ④ DISTRIBUTION BOX: (PROVIDE 5 OUTLETS MINIMUM)  
A. EX. GROUND OVER BOX: 606.00  
B. PROP. GROUND OVER BOX: 606.00  
C. INVERT IN: 603.00
- 5 TRENCH DESIGN: 60 LF / BDRM. X 5 BDRM. = 300 LF

Mark Rejkin 11/13/03  
Signature Date

	(A)	(B)	(C)	(D)
EX. GROUND OVER TRENCH:	605.20	604.50	603.80	603.00
INVERT TRENCH:	602.20	601.50	600.80	600.00
BOTTOM TRENCH:	600.20	599.50	598.80	598.00
TRENCH LENGTH:	45 FT.	65 FT.	90 FT.	100 FT.
TRENCH WIDTH:	3 FT.	3 FT.	3 FT.	3 FT.

NOTE: TRENCH DESIGN MAY BE REVISED AT TIME OF INSTALLATION BASED ON SITE CONDITIONS.

**SEWAGE SYSTEM NOTES:**

1. THE PROPOSED SEPTIC SYSTEM FOR THIS LOT REQUIRES A PUMP.
2. PUMP CHAMBER TO BE MINIMUM 1500 GALLON TOP SEAMED PUMP PIT WITH SINGLE EFFLUENT PUMP. PUMP SHALL BE EQUIPPED WITH AN AUDIBLE AND VISUAL ALARM FOR HIGH WATER AND PUMP MALFUNCTION. ALARM SYSTEM SHALL BE INSTALLED ON A SEPARATE ELECTRICAL CIRCUIT. INSTALL CHECK VALVES AS REQUIRED.
3. PROVIDE MANHOLE CLEANOUT TO FINISHED GRADE AT PROPOSED SEPTIC TANK AND THE PUMP CHAMBER.
4. DETAILS AND SPECIFICATIONS OF THE PROPOSED PUMP WITHIN THE PUMP PIT TO BE SUPPLIED BY THE CONTRACTOR FOR REVIEW AND APPROVAL BY THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO ISSUANCE OF THE A SEPTIC PERMIT.
4. THE FINAL SEPTIC TANK, PUMP PIT AND DISTRIBUTION BOX LOCATION WILL BE DETERMINED BY THE COUNTY HEALTH DEPARTMENT.