

LAYOUT 10/10/08 INSP 4 \_\_\_\_\_  
INSP 2 10/27/08 INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 10/7/08

APPROVAL DATE: 11/21/08

# PERMIT

P 529588

A 518543--3

TAX ID # **05444950**

**ON-SITE SEWAGE DISPOSAL SYSTEM  
HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH**

South Carroll Backhoe, Inc IS PERMITTED TO INSTALL  ALTER

ADDRESS: 4410 Salem Bottom Road PHONE NUMBER: 410-875-4197

SUBDIVISION: Clarksville Overlook LOT NUMBER: 3

ADDRESS: 12824 Macbeth Farm Lane PROPERTY OWNER: NVR Inc

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

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: \_\_\_\_\_

LINEAR FEET OF TRENCH REQUIRED: 200

TRENCHES:	Trench to be 2.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 7.0 feet below original grade. 4.0 feet of stone below distribution pipe.
LOCATION:	
NOTES:	Install per plan unless directed by HCHD. Layout inspection required prior to septic installation. Gravel tickets required.

PLANS APPROVED: Sara Sappington DATE: 8/13/08

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

**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 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

NOT TO SCALE

**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
2'	4'	8'
NUMBER OF TRENCHES		4'
TOTAL LENGTH		202'
ABSORPTION AREA		404'±SW
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		90°
DISTRIBUTION BOX PORT		Yes

**SEPTIC TANK DATA**

SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	2'
BAFFLES	Yes
BAFFLE FILTER	—
MANHOLE LOC	Front/Rear
6" PORT LOC	none
WATERTIGHT TEST	—
SLOTTED	yes
<del>PUMP</del> TANK LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1'
BAFFLES	Front
BAFFLE FILTER	—
MANHOLE LOC	Rear
6" PORT LOC	none
WATERTIGHT TEST	—
SLOTTED	no

**PRE-CONSTRUCTION**

10/10/08 Set Tanks just below corner easment near bottom. Run P.M. along Southern edge of easment. set D box

~~\*~~ See Seperate sheet for As-Built

near high corner, Install 4x50' trenches across easment. Trenches to be installed 5'-9'. Excessive fill dirt suppose to be brought in

**INSTALLATION:**

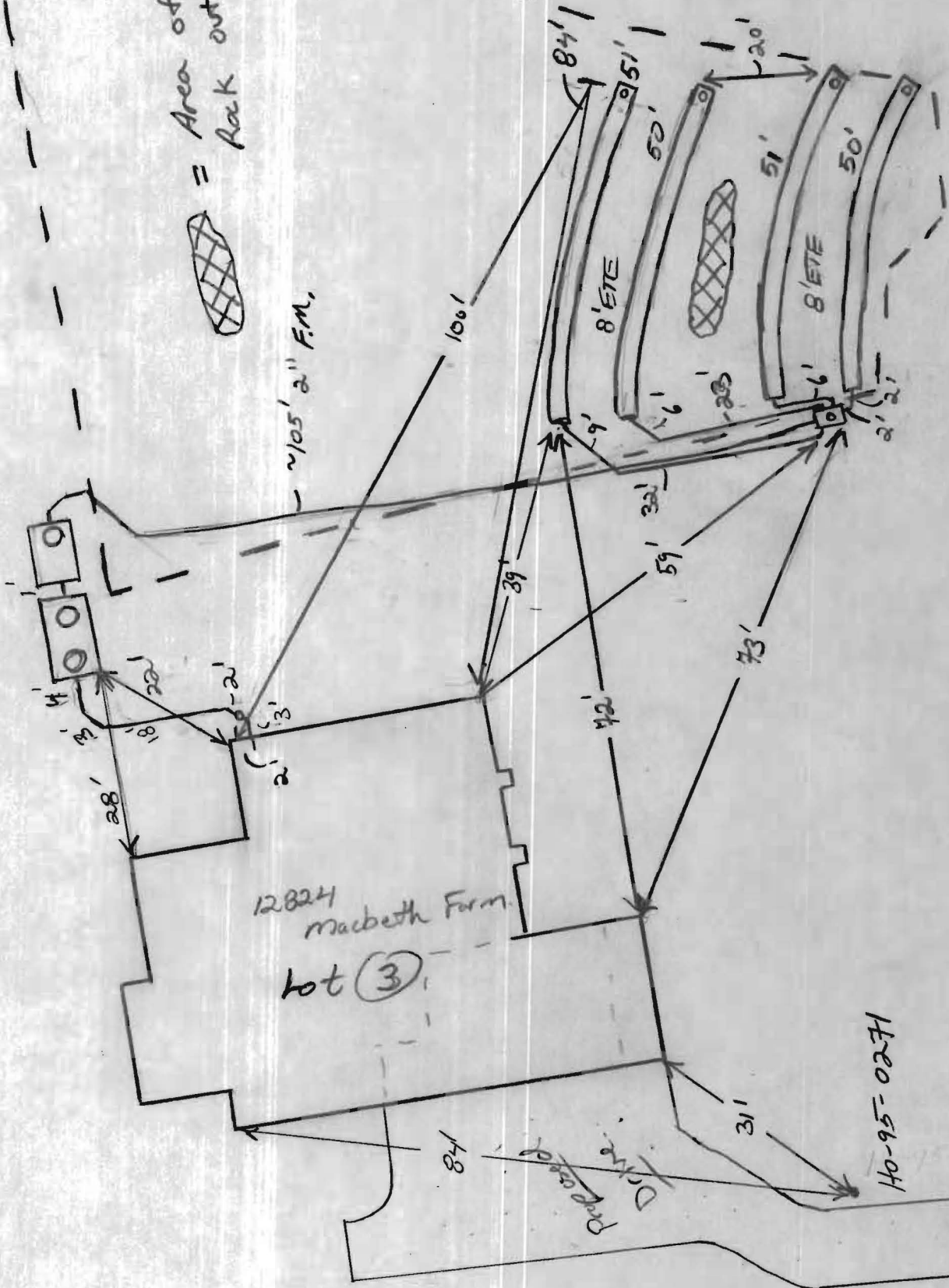
around house and up to easment. (KW)  
10/27/08 System installed. Contractor ran into small rock outcrop while digging 3rd trench from top. In excess of 25' so I instructed contractor to move down and start 3rd trench below the rock outcrop. Soil tested good. Will need P/A post for final approval. P/A to Backfill - (KW) 11/21/08 Pump and alarm working. (BB)

FINAL INSPECTOR B. Baker DATE OF APPROVAL 11/21/08

Area of  
Rack outcrop.



~105' 2" F.M.



12824  
Macbeth Farm  
Lot (3)

Proposed  
Drive

14-20-95-0271

NOT TO SCALE

Macbeth Farm



MACBETH FARM ROAD  
PUBLIC ACCESS STREET

LOT 2

N87°39'32"E 223.81'

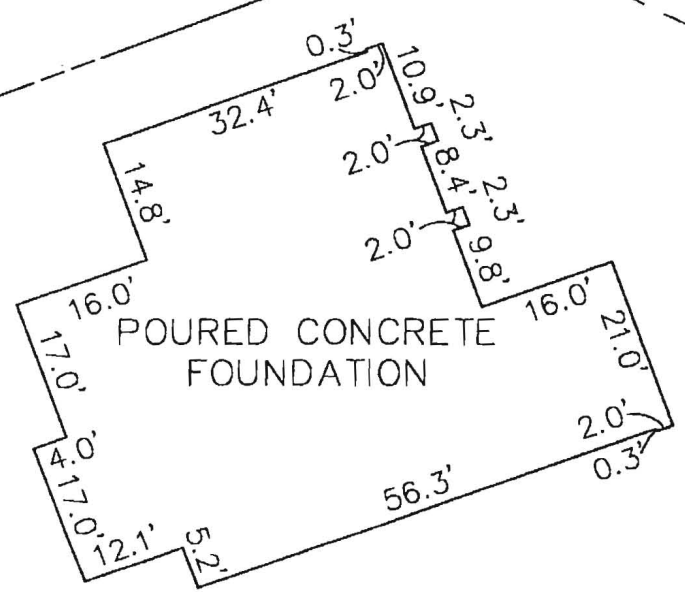
NON-BUILDABLE ENVIRONMENTAL PRESERVATION PARCEL'D'

LOT 3

GERALD R. COONEY & WIFE  
LIBER 541/FOLIO 597

*Wall check OK  
10-7-08 HS*

NON-BUILDABLE ENVIRONMENTAL PRESERVATION PARCEL'C'



FOUNDATION DETAIL  
SCALE: 1" = 30'

WALL CHECK  
MACBETH FARM  
LOTS 1 THRU 35  
PLAT No. 18792  
LOT No. 03

12824 MACBETH FARM LANE

4TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

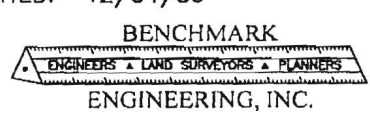
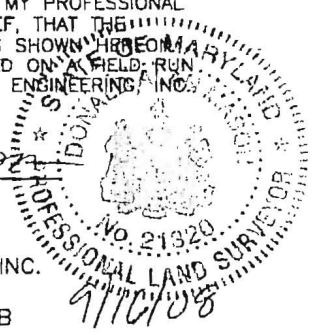
SCALE: 1" = 50' DATE: 09/15/08

TOP OF FOUNDATION WALL ELEVATION = 442.1'  
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.2'

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 09/15/08.

*Donald A. Mason*  
DONALD A. MASON  
PROFESSIONAL LAND SURVEYOR  
MD REG. No. 21320  
FOR BENCHMARK ENGINEERING, INC.  
MD REG. No. 351  
FEMA FIRM No. 240044 0022 B  
ZONE: C  
DATED: 12/04/86



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FIELD OBS. BY PJ  
COMP. BY EWF  
DRAWN BY EWF