

LAYOUT 1/22/10 INSP 4 _____
 INSP 2 2/1/10 INSP 5 _____
 INSP 3 2/2/10 INSP 6 _____

ISSUE DATE: 11/15/2010

PERMIT

log sent into Dept

P 532503

APPROVAL DATE: 2/2/10

A 522518

Tax ID # 03-352129

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

Freedom Septic IS PERMITTED TO INSTALL ALTER

ADDRESS: 2809 Liberty Road, Eldersburg 21784 PHONE NUMBER: 410-795-2947

SUBDIVISION: Carroll-Ziegler Property LOT NUMBER: 1

ADDRESS: 3855 Manor Lane PROPERTY OWNER: John L. Carroll Jr.

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

PUMP CHAMBER CAPACITY (GALLONS): _____ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 5

*Trenches 2' wide
 Inlet 3.0', Bottom 8'
 3-55' ?*

APPLICATION RATE: 1.2

LINEAR FEET OF TRENCH REQUIRED: 173

143+ 2x72' ~ 88 tan - (100)

TRENCHES:	Trenches to be 2.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 8.0 feet below grade. Effective area begins at 6.0 feet below original grade. 5.0 feet of stone below distribution pipe.
LOCATION:	<i>~ 100 ft</i>
NOTES:	Install system per plan unless directed otherwise by Howard County Health Department. Gravel tickets must be available for Environmental Sanitarians. Layout inspection required prior to septic installation.

PLANS APPROVED: Sara Sappington DATE: 02/25/2009

- 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

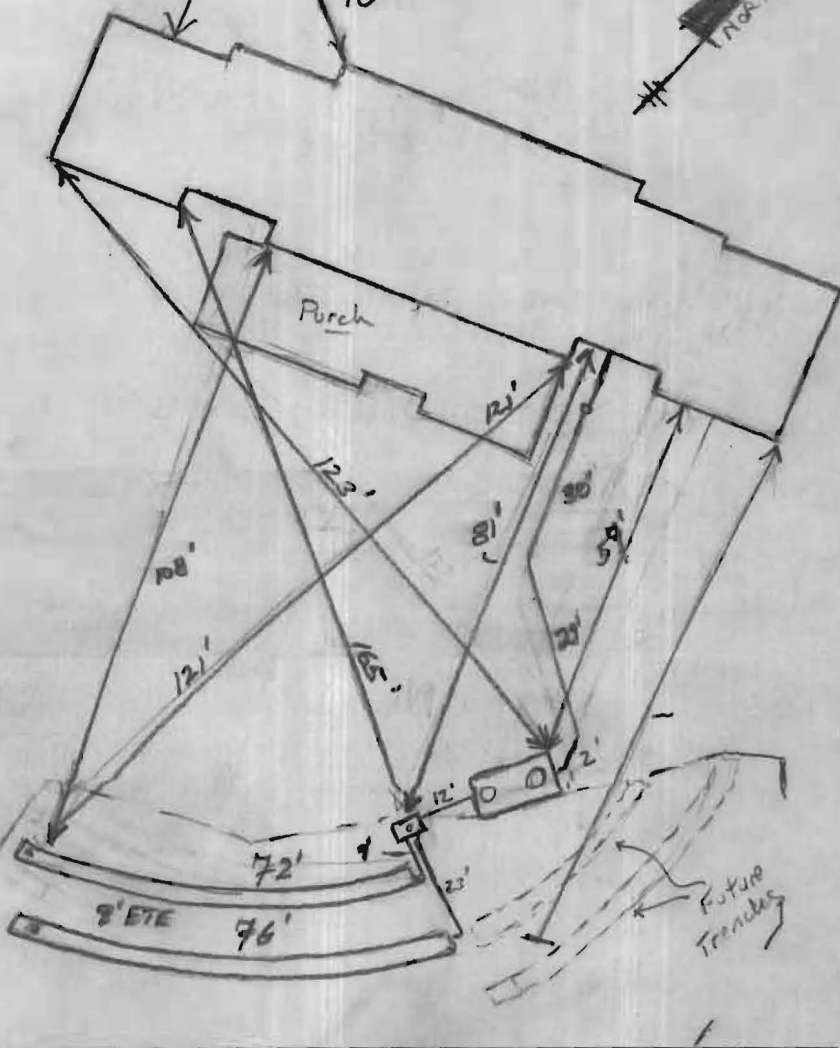
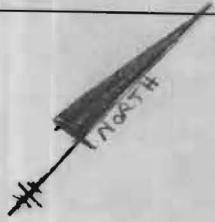
NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM

1" ~ 30'

HO-95-1352

NOT TO SCALE

36' 40'



ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
2'	3'	8'
NUMBER OF TRENCHES		2
TOTAL LENGTH		148
ABSORPTION AREA		296'±SW
DISTRIBUTION BOX LEVEL		Level
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA

SEPTIC TANK I LEVEL	
MANUFACTURER	Babylon
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	1.5-2'
BAFFLES	Yes
BAFFLE FILTER	—
MANHOLE LOC	Front/Rear
6" PORT LOC	none
WATERTIGHT TEST	—
SLOTTED	Yes
DATE ON LID	12/5/09

PUMP/SEPTIC TANK LEVEL

MANUFACTURER	_____
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____
SLOTTED	_____
DATE ON LID	_____

PRE/CONSTRUCTION:

1/22/2010 Most of septic easement stakes are missing. Builder said he would get area restaked, O.K. to install tank as shown on plan. Call for trench layout. **BP**

2/1/10 4" S.H.C. being dug. Tank being set as shown. Install 2 x 72' trenches (5' inlet 3' bottom 8') running west on contour. Call for re-inspection **(YK)**

INSTALLATION:

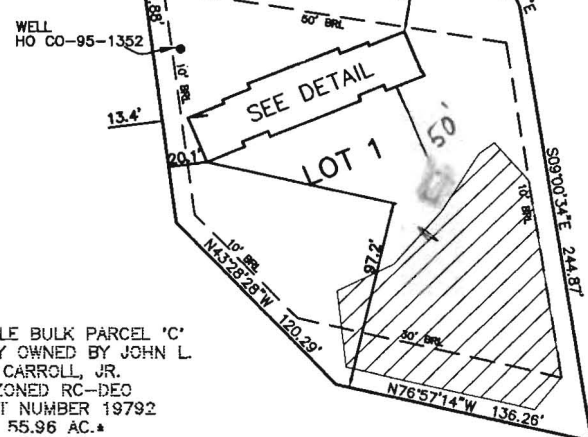
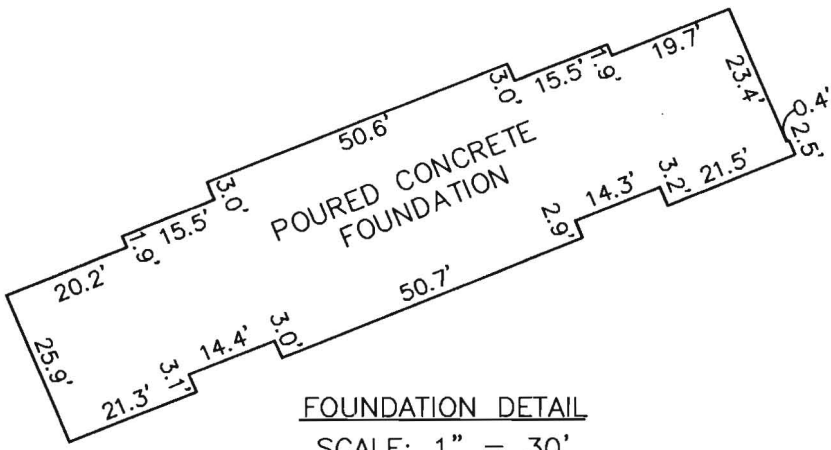
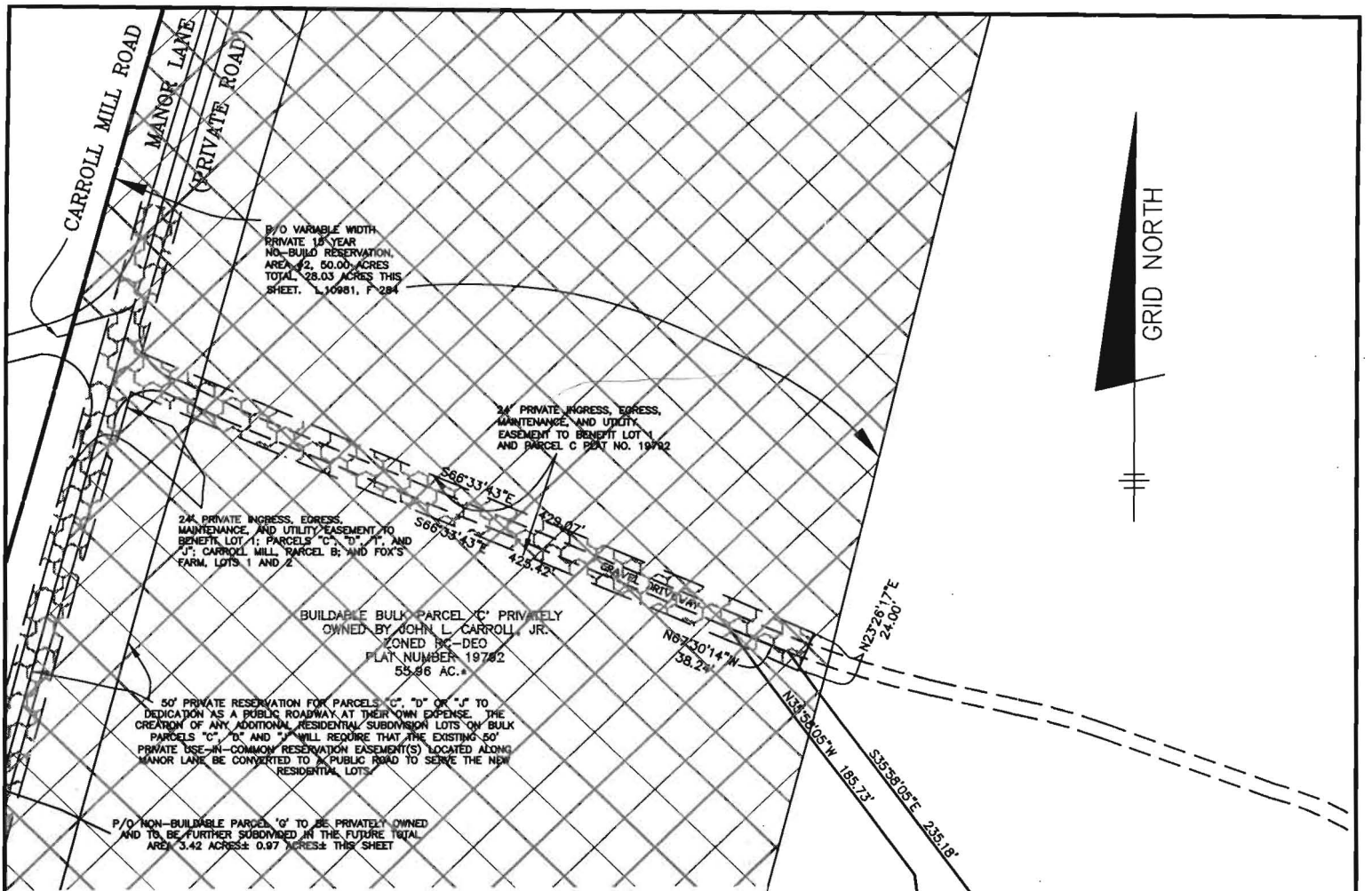
2/2/10 Tanks set. Told contractor to extend inlet 6" baffle to min. 16". D box leveled. Top trench completed. Bottom trench dug. Stone being placed in trench. Looks good. OK to backfill all work when finished. **(YK)**

FINAL INSPECTOR

2/2/10

DATE OF APPROVAL

John Wolf



Wall check OK
1-15-10 HS * house footprint change, should have no effect on well/septic

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 06/15/09.

Donald A. Mason

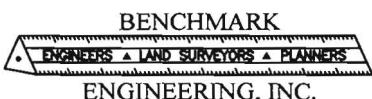
DONALD A. MASON
PROFESSIONAL LAND SURVEYOR
MD REG. No. 21320
FOR BENCHMARK ENGINEERING, INC.
MD REG. No. 351
FEMA FIRM No. 240044 0022 B
ZONE: C
DATED: 12/04/86



TOP OF FOUNDATION WALL ELEVATION = 489.1'
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.2'

WALL CHECK

**CARROLL-ZIEGLER PROPERTY
LOT 1
PLAT No. 19792**



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www.bei-civilengineering.com

3855 MANOR LANE

2ND AND 3RD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
FIELD OBS. BY PJ
COMP. BY EWF
DRAWN BY EWF
SCALE: 1" = 100' DATE: 06/15/09