



Howard County
Health Department

Bureau of Environmental Health
7178 Gateway Drive Columbia, MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Maura J. Rossman, M.D., Health Officer

RECEIPT DATE: 12/14/12

ONSITE SEWAGE DISPOSAL SYSTEM

P 544439-C

INSTALLATION

PERMIT

APPROVAL DATE: 7/25/2013

CONSTRUCTION

A _____

PROPERTY ADDRESS: 1904 Millers Mill Road

SUBDIVISION: Sands Property

LOT: 1

TAX ID: 04-371224

CONTRACTOR: Cumberland Development Corporation

EMAIL: _____

CONTRACTOR ADDRESS: 16391 A.E. Mullinix Road

PHONE: 301-252-1122

PROPERTY OWNER: Cumberland Development Corporation

EMAIL: _____

OWNER ADDRESS: 16391 A.E. Mullinix Road

PHONE: 301-252-1122

SEPTIC TANK SIZE (GALLONS): 2000

PUMP CHAMBER CAPACITY (GALLONS): _____

PUMP SIZE: _____

NUMBER OF BEDROOMS: 5

HOUSE SQ. FT. 5,662

APPLICATION RATE: 0.8

DISTRIBUTION SYSTEM: GRAVITY FED

LOW PRESSURE DOSED

TRENCHES:	LINEAR FEET REQUIRED: 2000 <u>225'</u>	INLET DEPTH: <u>4.5'</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>6.5'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>9</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4.5'</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Set septic tank per layout inspection. Set distribution box per layout inspection. Install 193.75 feet of trench on contour.	

ISSUED BY: Dana Bernard

ISSUE DATE: 6-18-13

EXPIRATION DATE: 12/14/13

NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION

NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING

NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADIENT FROM ANY WATER WELL

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM

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 TO SCHEDULE INSPECTIONS.

NOT TO SCALE

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
<u>3'</u>	<u>4.5'</u>	<u>6.5'</u>
NUMBER OF TRENCHES	<u>5</u>	
TOTAL LENGTH	<u>223'</u>	
ABSORPTION AREA	<u>669 + Sidewall</u>	
DISTRIBUTION BOX LEVEL	<u>Levelers</u>	
DISTRIBUTION BOX BAFFLE	<u>Yes</u>	
DISTRIBUTION BOX PORT	<u>Yes</u>	

See As-Built Drawing On
Separate Sheet

SEPTIC TANK DATA

SEPTIC TANK I LEVEL	<u>Yes</u>
MANUFACTURER	<u>Babylon</u>
CAPACITY	<u>2000</u> GAL
SEAM LOC	<u>Top</u>
TANK LID DEPTH	<u>2'</u>
BAFFLES	<u>Yes</u>
BAFFLE FILTER	<u>No</u>
MANHOLE LOC	<u>Front</u>
6" PORT LOC	<u>Rear</u>
WATERTIGHT TEST	<u>No</u>
SLOTTED	<u>Yes</u>
DATE ON LID	<u>5-19-13</u>

PUMP/SEPTIC TANK LEVEL N/A

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

ROAD NAME _____

PRE-CONSTRUCTION:

6/25/2013 Partial layout done, Lower easement stakes not seen. Must restake. Brush and small trees on upper part of easement must be removed. O.K. to set the tank near where shown on the B.P. plan or preferably farther from the house. Install five 45' trenches with dist. box at the top middle of the easement. (BB)

INSTALLATION:

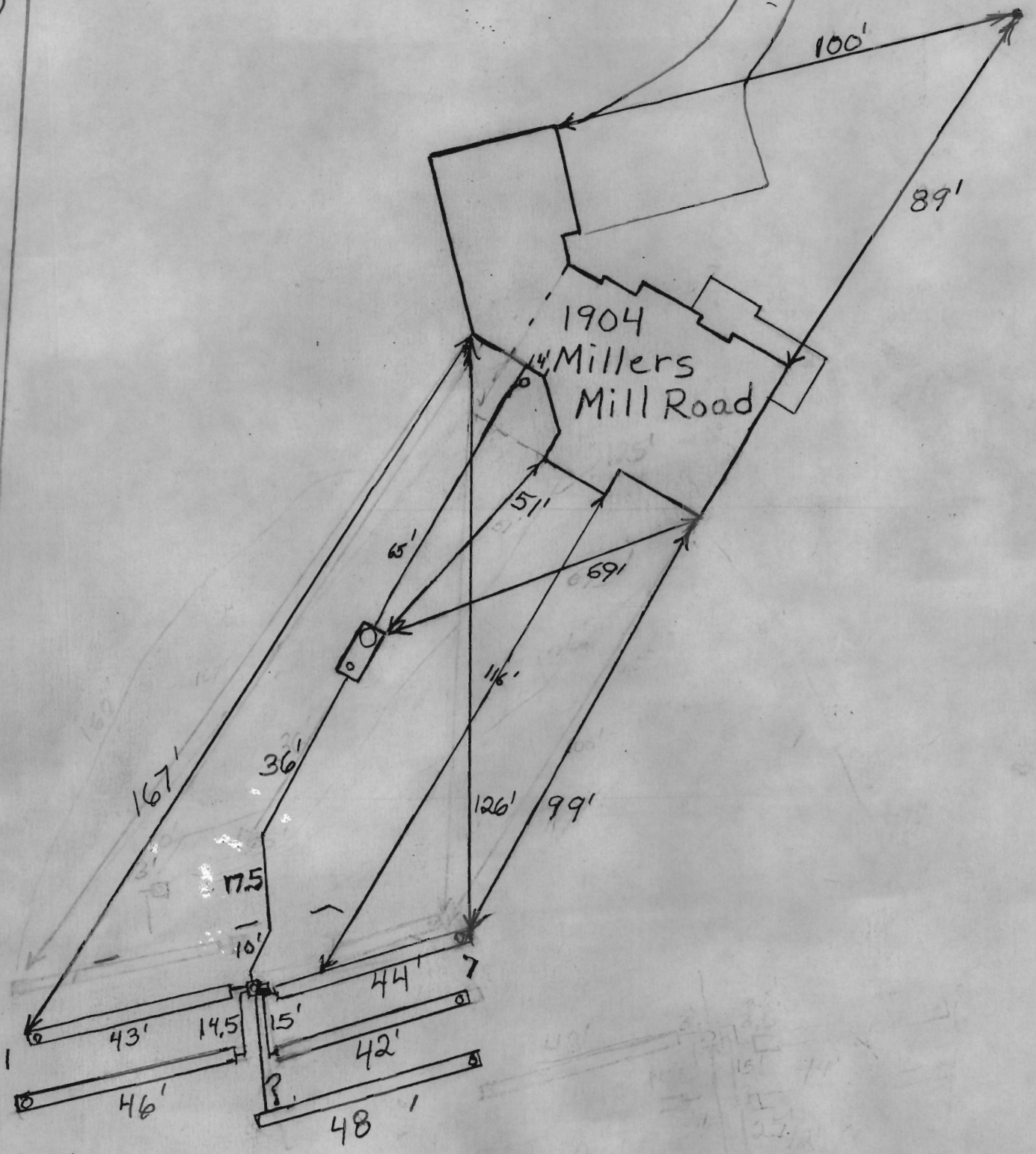
7/18/13 Tank set. Top 45' trench dug. Shot contour very up and down. Laid out 5 x 45' trenches. OK to continue (KW)
7/19/13 Plumbing installed from house to tank. 2 Trenches complete. WHE approved. OK to continue. (KW)
7/25/2013 System finished. O.K. to backfill. (BB)

FINAL INSPECTOR

B. Baker

DATE OF APPROVAL

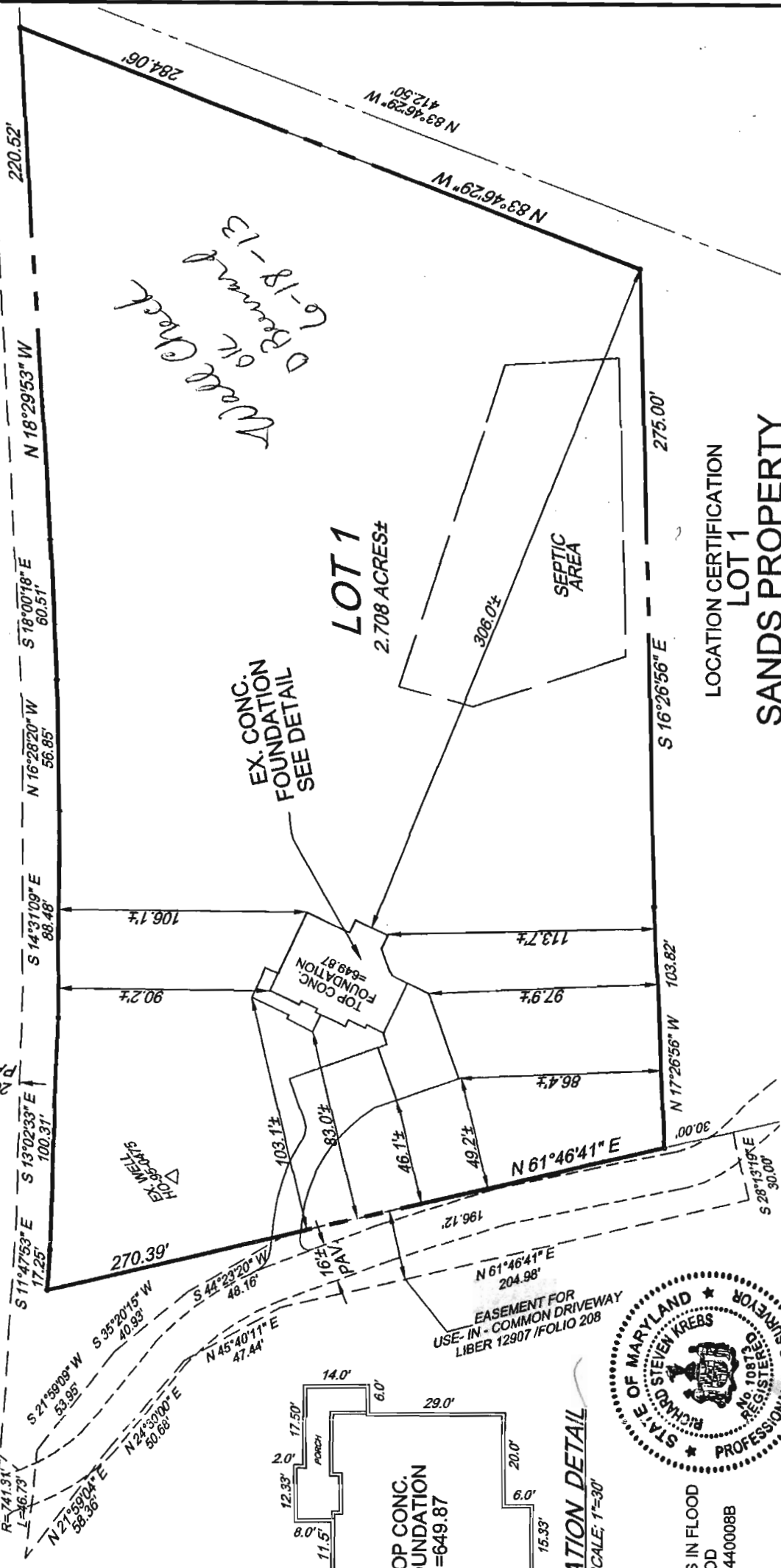
7/25/2013



MILLERS MILL RD.

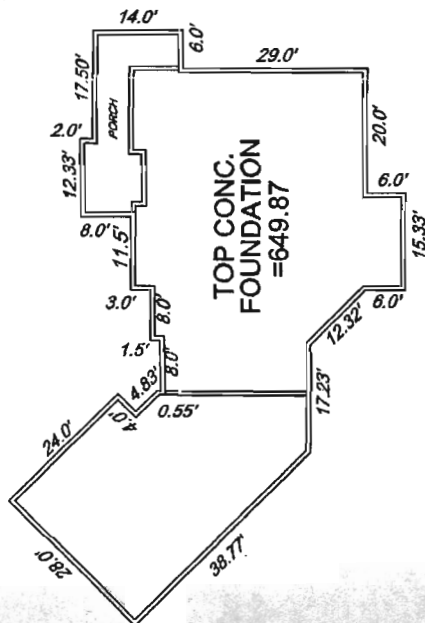
LOCAL COUNTY ROAD 50' R/W

PAV. 20'



*Make Check
D. Bennett
6-18-13*

1" ~ 60'



FOUNDATION DETAIL
SCALE: 1"=30'



THE LOT SHOWN HEREON IS IN FLOOD ZONE "C" PER F.E.M.A. FLOOD INSURANCE RATE MAP 2400440008B

THIS IS TO CERTIFY THAT WE HAVE LOCATED THE IMPROVEMENTS AS SHOWN ACCORDING TO THE REGULATIONS GOVERNING THE MARYLAND STANDARDS OF PRACTICE FOR PROFESSIONAL LAND SURVEYORS EFFECTIVE DATE AUGUST, 2005

Richard S. Krebs
MR. RICHARD S. KREBS MD. REG. NO. 10873 DATE: 4/8/2012
EXP. DATE 4/24/14

NOTE: ACCURACY OF APPARENT SETBACK DISTANCES ARE 1 FT. +/-
NOTE: (A) THIS PLAT IS NOT INTENDED FOR USE IN ESTABLISHING PROPERTY LINES AND DOES NOT CONSTITUTE A BOUNDARY SURVEY.
(B) THIS PLAT IS OF THE BENEFIT TO THE CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING OR REFINANCING.
(C) THIS PLAT SHOULD NOT BE RELIED UPON FOR THE LOCATION OR ESTABLISHMENT OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS

LOCATION CERTIFICATION
LOT 1
SANDS PROPERTY
(MDR PLAT #19305-6)
1904 MILLERS MILL RD.

ZONED - "RC-DEO"
TAX MAP 08 GRID 22 PARCEL 090
4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
DATE: 02/11/13 SCALE: 1" = 60'

CHARLES R. CROCKEN & ASSOCIATES, INC.
Civil Engineering Land Planning
902 Lee Ave.
Sykesville, Md. 21157
Tel. (410) 548-2708