

LAYOUT 8/23/2011 INSP 4 _____
INSP 2 8/25/2011 INSP 5 _____
INSP 3 _____ INSP 6 _____

ISSUE DATE: 08/17/2011

PERMIT

P 535946

APPROVAL DATE: 10/12/2011

A 523239

Tax ID # 04-371372

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

South Carroll Backhoe

IS PERMITTED TO INSTALL ALTER

ADDRESS: 4410 Salem Bottom Rd Westminster, MD PHONE NUMBER: 410 875 4197

SUBDIVISION: The Chase at Stoney Brook LOT NUMBER: 13

ADDRESS: 16303 Cattail River Drive PROPERTY OWNER: Karen Cole

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

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4 APPLICATION RATE: 0.8

SQUARE FOOTAGE OF HOUSE: ±3500 65' + 90'

LINEAR FEET OF TRENCH REQUIRED: 155'

TRENCHES:	Trenches to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.0 feet below original grade with 3.0 feet of stone below distribution pipe.
LOCATION:	Set septic tank per layout inspection. Set distribution box at highest point of the easement per layout inspection. Install 155' of trench on contour per layout inspection.
NOTES:	Do not order the septic tank until after layout inspection and Sanitarian approval. Stake easement corners. Call for layout inspection. Mark utilities. Gravel tickets must be available for Environmental Sanitarians. Stone must be approved by the Howard County Health Department. A written variance request is required for tanks deeper than 3 feet. A traffic bearing lid is required for tanks deeper than 4 feet.

PLANS APPROVED: Dana Bernard DATE: 06/29/10

- 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**

NOT TO SCALE

See As-Built Drawing On
Separate Sheet

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH 3' INLET 3' BOTTOM 6'

NUMBER OF TRENCHES 2

TOTAL LENGTH 153'

ABSORPTION AREA 459+ Sidewalk

DISTRIBUTION BOX LEVEL Yes

DISTRIBUTION BOX BAFFLE Elbow

DISTRIBUTION BOX PORT Yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL Yes

MANUFACTURER Babylon

CAPACITY 2000 GAL

SEAM LOC Top

TANK LID DEPTH 0.5'-2'

BAFFLES Rear

BAFFLE FILTER No

MANHOLE LOC Front+Rear

6" PORT LOC None

WATERTIGHT TEST No

SLOTTED Yes

DATE ON LID 7/16/2011

PUMP/SEPTIC TANK LEVEL Yes

MANUFACTURER Babylon

CAPACITY 1500 GAL

SEAM LOC Top

TANK LID DEPTH 1'-2'

BAFFLES Front

BAFFLE FILTER No

MANHOLE LOC Rear

6" PORT LOC Front

WATERTIGHT TEST No

SLOTTED No

DATE ON LID 7/1/11

PRE-CONSTRUCTION:

8/23/2011 Tanks set. Install a 65' and 90' trench on contour across the highest part of the easement. (BB)

8/25/2011 System finished except for pump and alarm test. (BB)

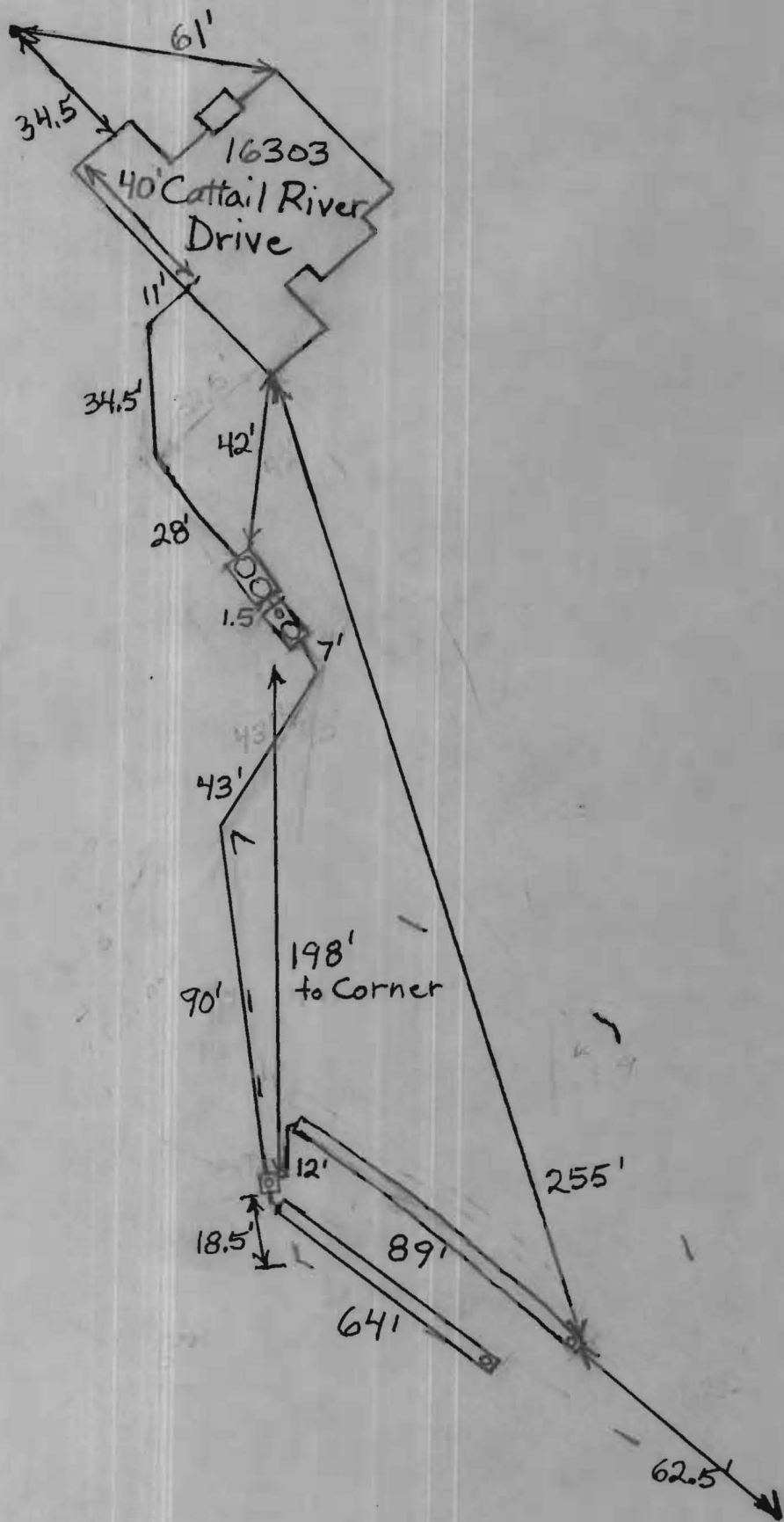
INSTALLATION: 10/12/2011 Pump and alarm working. (BB)

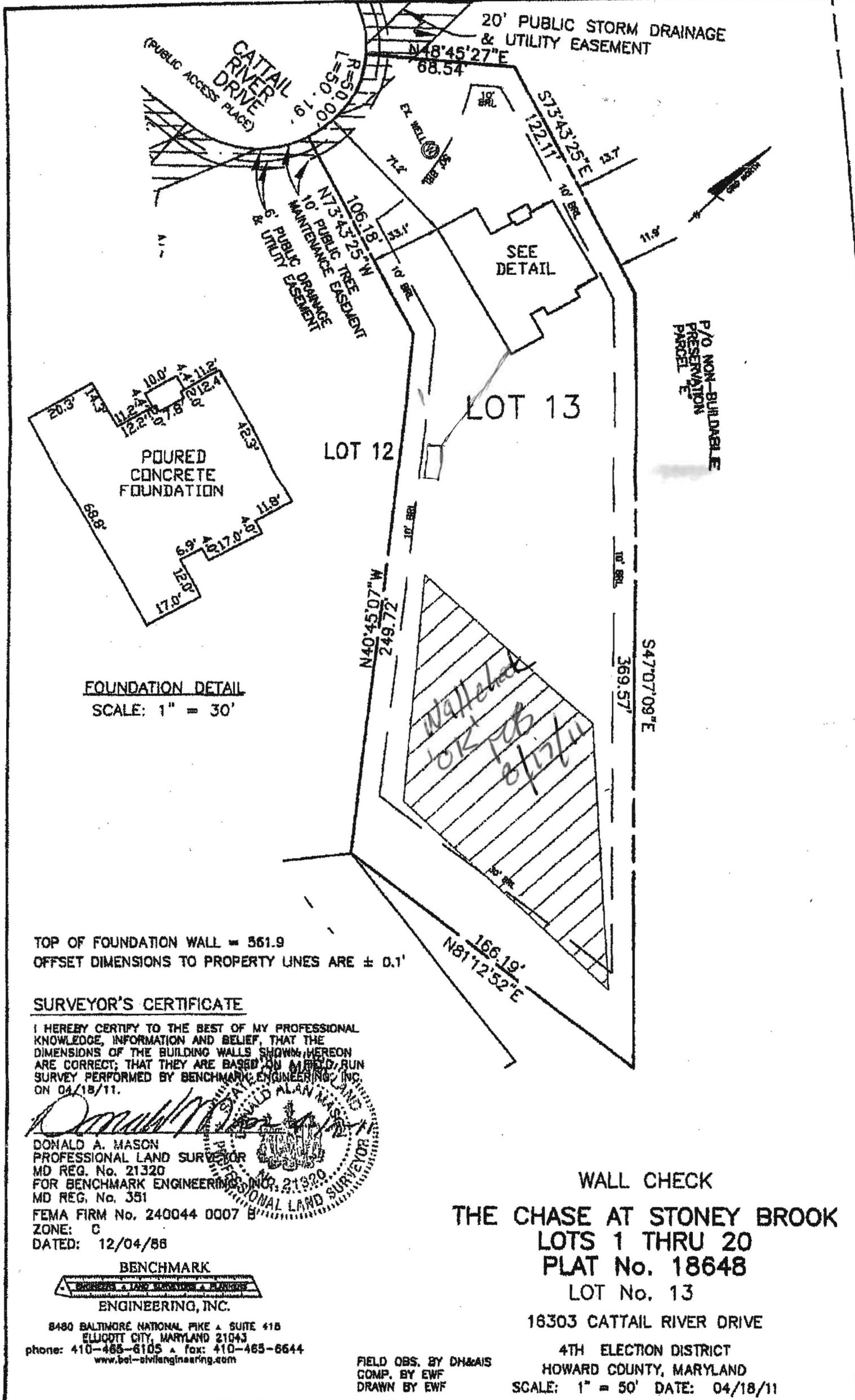
FINAL INSPECTOR

B. Baker

DATE OF APPROVAL

10/12/2011





FOUNDATION DETAIL
SCALE: 1" = 30'

TOP OF FOUNDATION WALL = 561.9
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.1'

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 04/18/11.

Donald A. Mason
DONALD A. MASON
PROFESSIONAL LAND SURVEYOR
MD REG. No. 21320
FOR BENCHMARK ENGINEERING, INC. 21320
MD REG. No. 351
FEMA FIRM No. 240044 0007 B
ZONE: C
DATED: 12/04/88



BENCHMARK
ENGINEERING, INC.
8480 BALTIMORE NATIONAL PIKE & SUITE 418
ELLCOTT CITY, MARYLAND 21043
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www.bel-civilengineering.com

FIELD OBS. BY DH&AIS
COMP. BY EWF
DRAWN BY EWF

WALL CHECK
THE CHASE AT STONEY BROOK
LOTS 1 THRU 20
PLAT No. 18648
LOT No. 13
16303 CATTAIL RIVER DRIVE
4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' DATE: 04/18/11