

LAYOUT 3/24/11 INSP 4 6/23/11
 INSP 2 3/28/11 INSP 5 6/24/11
 INSP 3 3/29/11 INSP 6 _____

534492
 P SC10812
 A _____

ISSUE DATE: 3-7-11
 APPROVAL DATE: 6/24/11

PERMIT

Tax ID # 04314476
ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

WTC Contractors Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS: 3033 Salem Bottom Rd PHONE NUMBER: 410-875-9771

SUBDIVISION: George Boyer Property LOT NUMBER: _____

ADDRESS: 2728 Jennings Chapel Road PROPERTY OWNER: George Boyer

SEPTIC TANK CAPACITY (GALLONS): 2,000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): 1,250 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4 APPLICATION RATE: 1.2

SQUARE FOOTAGE OF HOUSE: Uknwn ~~8' wide Inlet 2-3~~

LINEAR FEET OF TRENCH REQUIRED: 161 ~~130~~ 2' wide 3-6'

TRENCHES:	Trenches to be 2.0 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6.0 feet below grade. Effective area begins at 5.0 feet below original grade with 2.0 feet of stone below distribution pipe.
LOCATION:	Set septic tank per layout inspection. Set distribution box per layout inspection. Install 160 feet of trench on contour 2 x 80' trenches per layout inspection. The area of trench under the driveway must be sleeved. Distribution box should be installed at the highest point of the easement. <u>1x60' 1x65'</u>
NOTES:	Do not order the septic tank until after layout inspection and Sanitarian approval. Stake septic 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: 3/09/10

- 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 other sheet for
As-Built

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
2'	3'	6'
NUMBER OF TRENCHES		2
TOTAL LENGTH		130'
ABSORPTION AREA		260'±SW
DISTRIBUTION BOX LEVEL		90° bend
DISTRIBUTION BOX BAFFLE		↑
DISTRIBUTION BOX PORT		yes

SEPTIC TANK DATA

SEPTIC TANK I LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	3'
BAFFLES	Yes
BAFFLE FILTER	—
MANHOLE LOC	Front
6" PORT LOC	—
WATERTIGHT TEST	—
SLOTTED	Yes
DATE ON LID	1-24-11
PUMP/SEPTIC TANK LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	3'
BAFFLES	none
BAFFLE FILTER	—
MANHOLE LOC	Rear
6" PORT LOC	None
WATERTIGHT TEST	—
SLOTTED	no
DATE ON LID	2-15-11

PRE-CONSTRUCTION:

3/24/11 Contractor to keep tanks 20' from dwelling and out of swale area. F.M. to cross well line. Should go deep enough (2.4') to cover below to be installed well line. Set D box top middle of septic area install 2x6.5' timbers on contour. (KW)

INSTALLATION:

3/28/11 Tanks set. F.M. started. Explained to contractor how to set pump. (B lock etc). No timbers started (KW)

3/29/11 Top trench completed. Machine broke down. Stayed on-site until they got second trench completed. OK to cover all work. Need P/A test for final approval (KW)

6/23/11 Arrived on-site for a P/A only to find electrician had no alarm float installed in the p.t. and all electrical components need to be installed outside tank. P/A test fails. Everything looks good inside the house (KW)

6/24/11 P/A is approved - All electrical components installed outside of tank and alarm float installed. (MS)

FINAL INSPECTOR

DATE OF APPROVAL

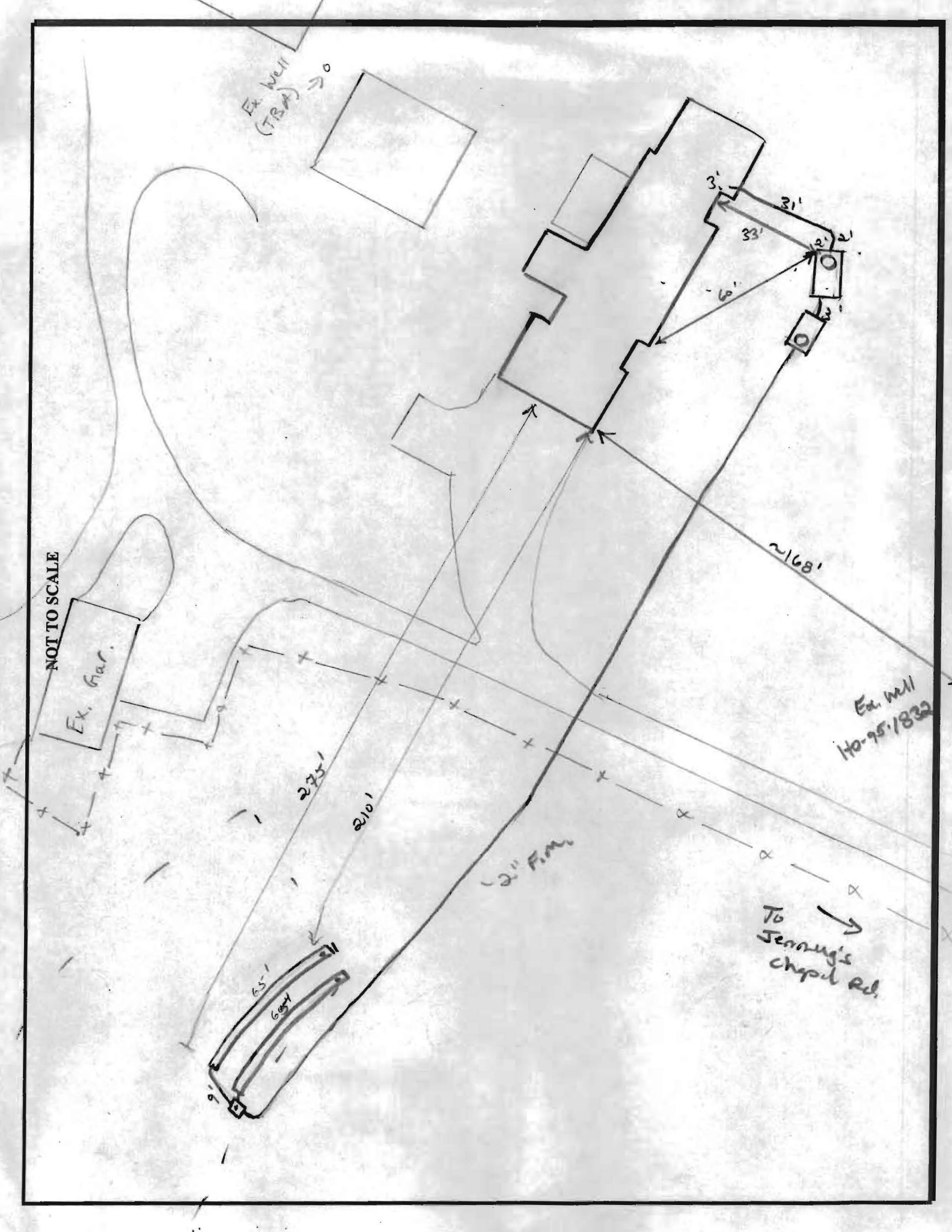
6/24/11

NOT TO SCALE

Ex. Well
(TRM) →

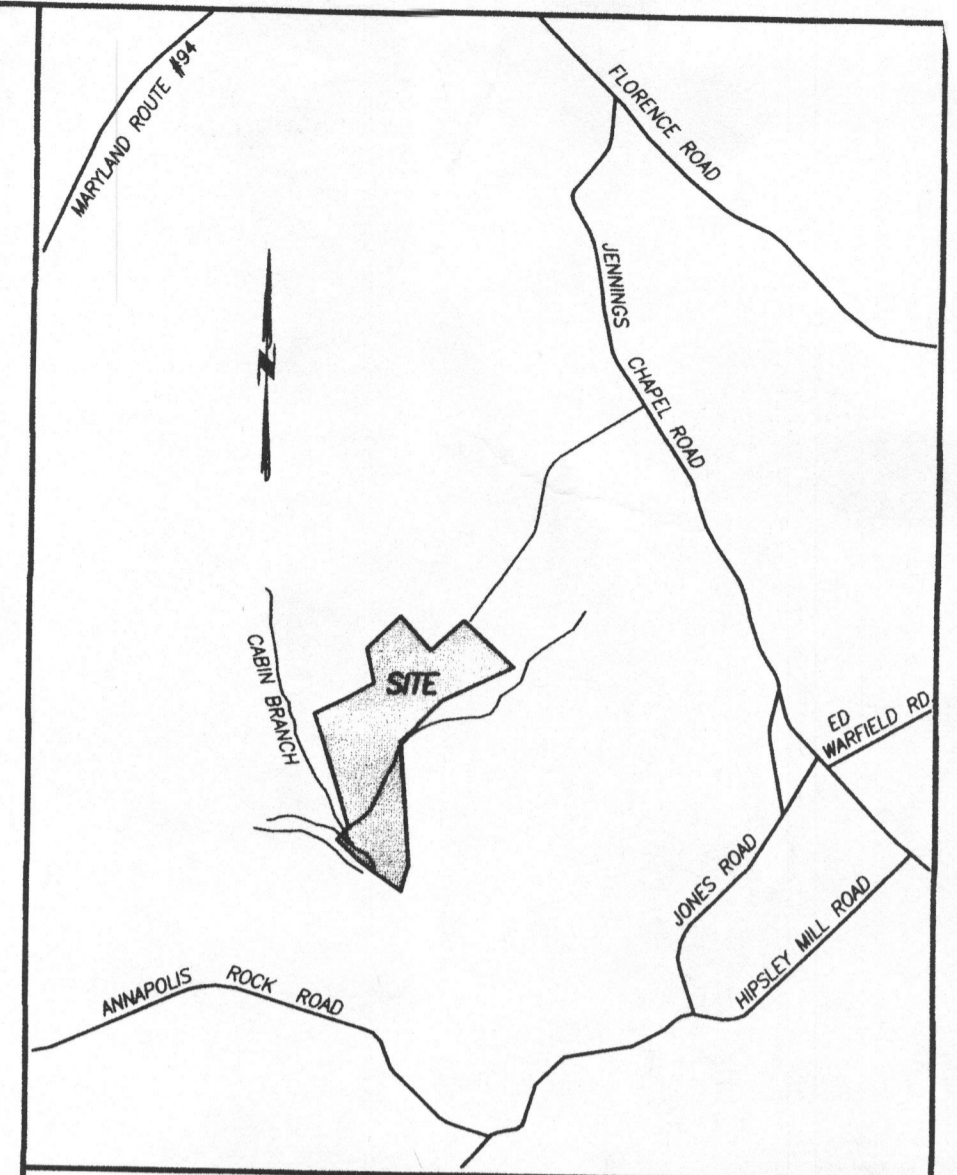
Ex. Well
HO-95/832

To
Jennug's
Chapel Rd.

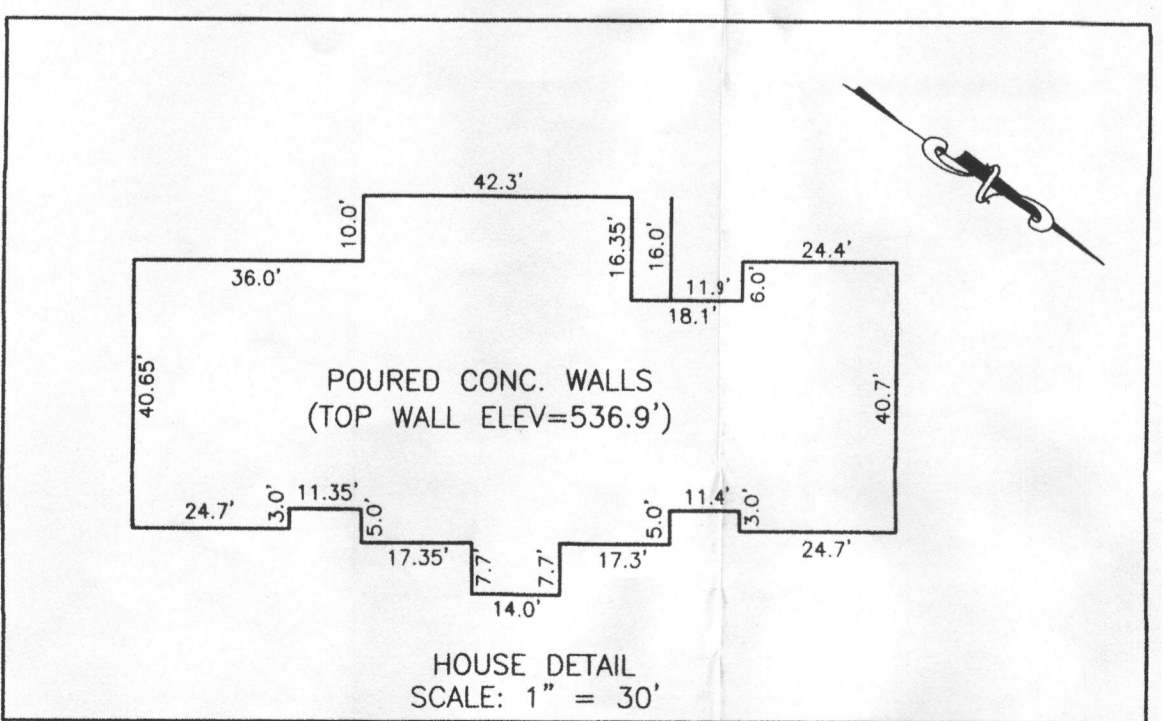
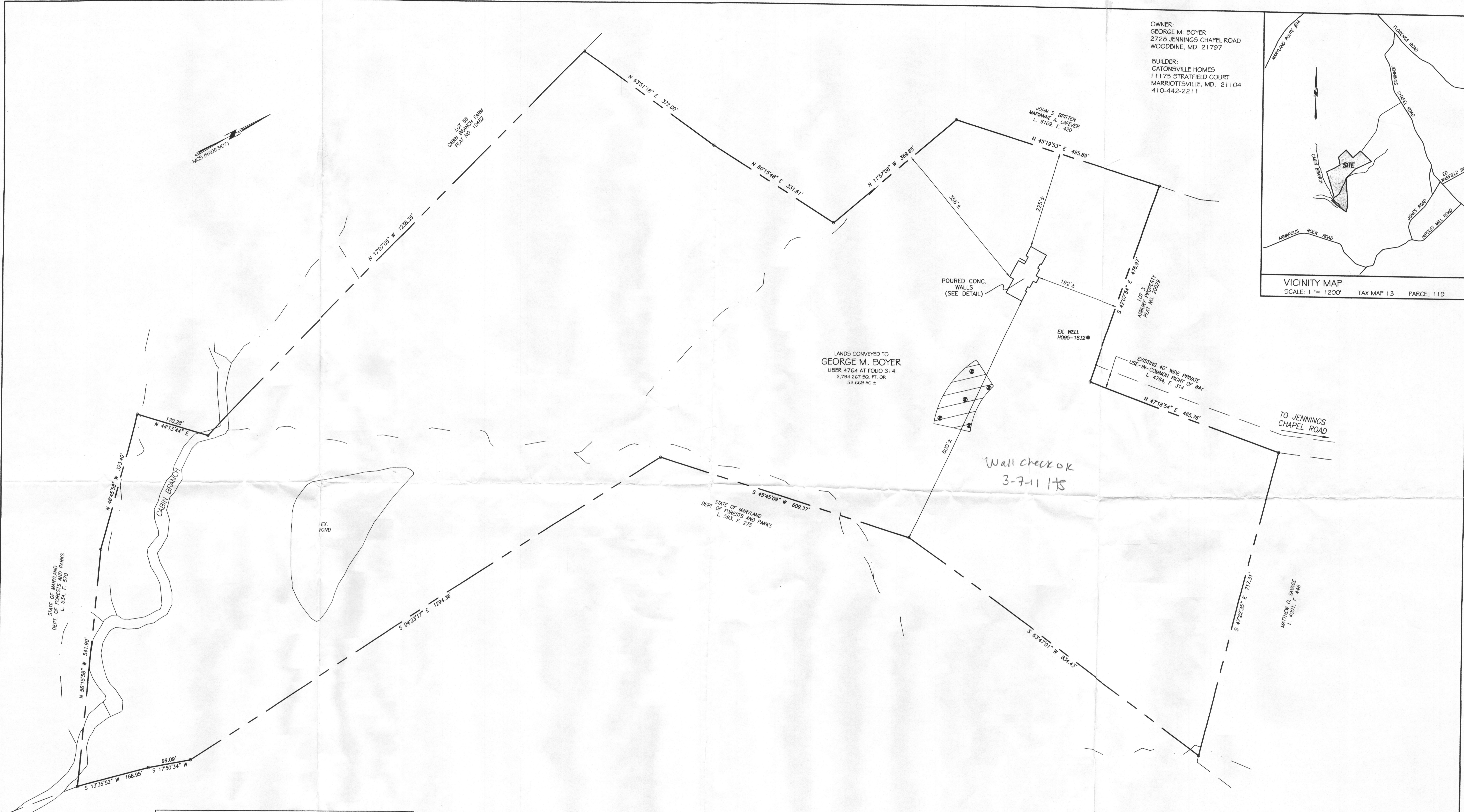


OWNER:
 GEORGE M. BOYER
 2728 JENNINGS CHAPEL ROAD
 WOODBINE, MD 21797

BUILDER:
 CATONSVILLE HOMES
 11175 STRATFIELD COURT
 MARRIOTTSVILLE, MD. 21104
 410-442-2211



VICINITY MAP
 SCALE: 1" = 1200'
 TAX MAP 13 PARCEL 119



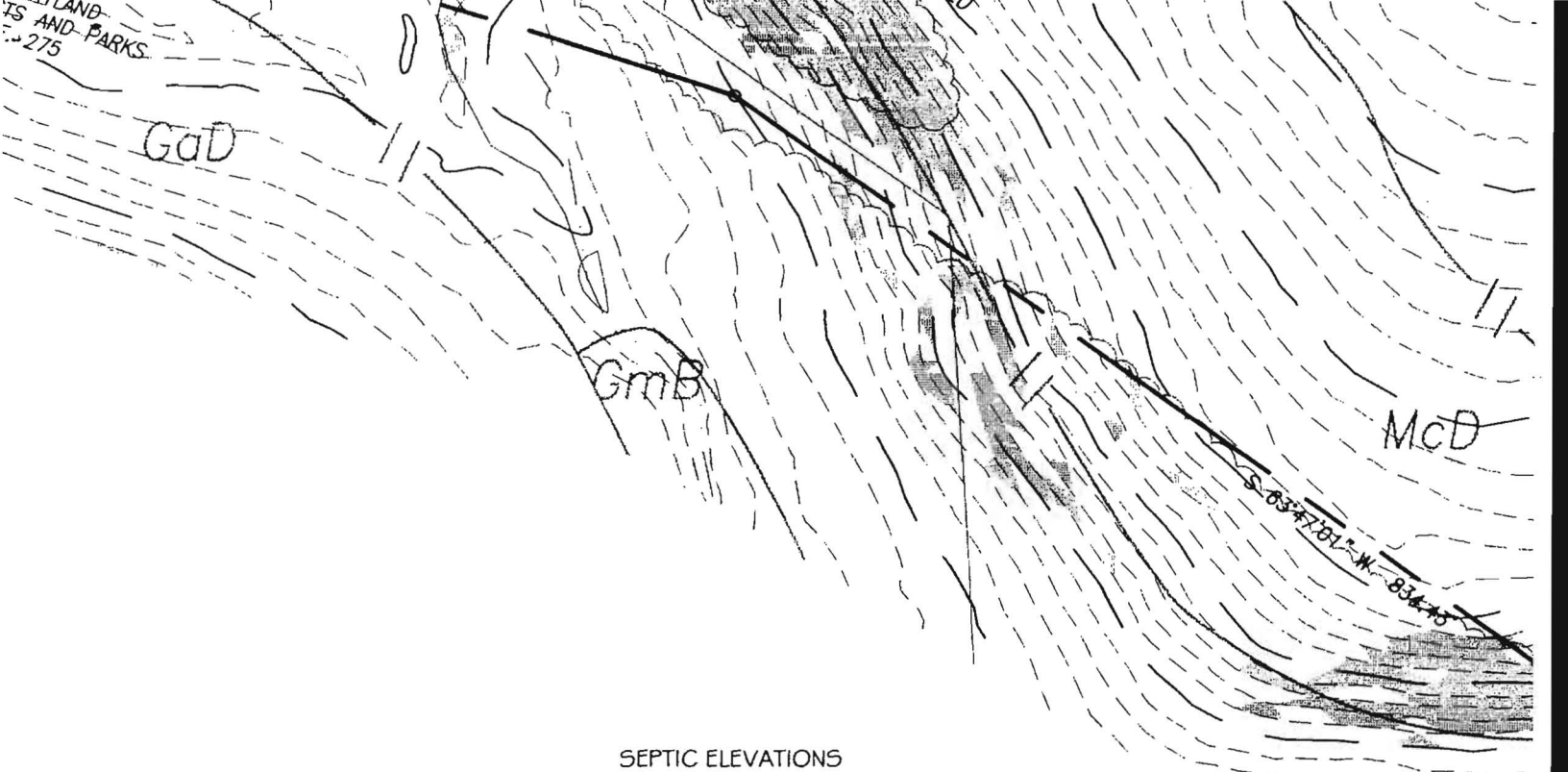
- NOTES:
- 1) FOOTINGS AND FOUNDATION ARE IN PLACE AS SHOWN.
 - 2) TOP OF WALL ELEV. = 536.9
 - 3) THE EXISTING WELL (HO-95-1832) SHOWN HEREON HAS BEEN FIELD LOCATED BY VANMAR ASSOCIATES, INC. AND ACCURATELY SHOWN.
 - 4) BUILDING TIES ARE ±0.5' UNLESS OTHERWISE NOTED.

DATE	REVISIONS



WALL CHECK DRAWING
 LANDS CONVEYED TO
 GEORGE M. BOYER
 LIBER 4764 AT FOLIO 314
 2728 JENNINGS CHAPEL ROAD
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 100' JULY, 2010

VANMAR ASSOCIATES, INC.
 Engineers Surveyors Planners
 310 South Main Street Mount Airy, Maryland 21771
 (301) 929-2890 (301) 831-5015 (410) 549-2751
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SEPTIC ELEVATIONS

PROPOSED HOUSE:
 F.F. ELEV. = 539.0
 BSMT. ELEV. = 529.12
 GARAGE ELEV. = 535.0
 INV. OUT = 535.6

$280' @ 1.25\% = 3'6''$

$230' @ 1.25\% = 2'10''$

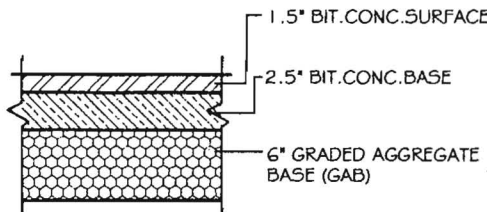
PROPOSED SEPTIC TANK:
 EX GRD. ELEV. = 535.0
 PROP. GRD. ELEV. = 536.5
 INV. IN = 535.1
 INV. OUT = 534.9

Tank out 534.9

$1.25\% = 1\frac{1}{8}''$ every 10'

PROPOSED DISTRIBUTION BOX:
 EX GRD. ELEV. = 536.0
 INV. IN = 531.4
 INV. OUT = 531.2

Bot in $\frac{531.4}{3.5}$



PAVING SECTION
 (N.T.S.)

DATE
 3/3/10

