

LAYOUT 10/7/08 INSP 4 10/10/08  
INSP 2 10/8/08 INSP 5 \_\_\_\_\_  
INSP 3 10/9/08 INSP 6 \_\_\_\_\_

ISSUE DATE: 9/17/08

APPROVAL DATE: 10/26/09

# PERMIT

P 529568

A 523132

TAX ID # 05-366755

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

Hatfields Equipment IS PERMITTED TO INSTALL  ALTER

ADDRESS: \_\_\_\_\_ PHONE NUMBER: 301.854.6172

SUBDIVISION: Shillinger Property LOT NUMBER: \_\_\_\_\_

ADDRESS: 7170 Brooks Rd PROPERTY OWNER: Bob Greenbank

SEPTIC TANK CAPACITY (GALLONS): 1500 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 3

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

LINEAR FEET OF TRENCH REQUIRED: 160

TRENCHES:	Trench to be 3.0 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:	1) Stake corners of easement. 2) Set Distribution Box about 10 feet downhill of SE corner. 3) Install 2x80 ft. trenches on contour toward north side of easement.
NOTES:	1) Call for layout inspection. 2) manhole risers on tanks & cleanout must be 4" to 6" above soil surface after settling. 3) Manhole risers must be sealed at tanks with hydraulic cement. 4) Gravel tickets must be available for inspector. 5) Basement sewer will not drain by gravity.

PLANS APPROVED: Robert Bricker DATE: 1/2/08

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

See As-Built Drawing  
On Separate Sheet

**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
<u>3'</u>	<u>4'</u>	<u>7'</u>
NUMBER OF TRENCHES <u>2</u>		
TOTAL LENGTH <u>164'</u>		
ABSORPTION AREA <u>492 + Sidewall</u>		
DISTRIBUTION BOX LEVEL <u>Yes</u>		
DISTRIBUTION BOX BAFFLE <u>Yes</u>		
DISTRIBUTION BOX PORT <u>Yes</u>		

**SEPTIC TANK DATA**

SEPTIC TANK I LEVEL	<u>Yes</u>
MANUFACTURER	<u>Babylon</u>
CAPACITY	<u>1500</u> GAL
SEAM LOC	<u>Top</u>
TANK LID DEPTH	<u>0.5'-1'</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>
PUMP/SEPTIC TANK LEVEL	<u>Yes</u>
MANUFACTURER	<u>Babylon</u>
CAPACITY	<u>1500</u> GAL
SEAM LOC	<u>Top</u>
TANK LID DEPTH	<u>0.5'-1'</u>
BAFFLES	<u>Front</u>
BAFFLE FILTER	<u>No</u>
MANHOLE LOC	<u>Rear</u>
6" PORT LOC	<u>None</u>
WATERTIGHT TEST	<u>No</u>
SLOTTED	<u>No</u>

**PRE-CONSTRUCTION**

10/7/08 Set tanks near where shown on plan. Install two 80' trenches

on contour across the top of the easement between the large trees. Top trench will extend about 15' out of easement. (BB)

10/8/08 House connection made. Tanks set (BB)

10/9/08 Pump line installed. Started on first trench

10/10/08 Trenches finished. Need pump and alarm test. (BB)

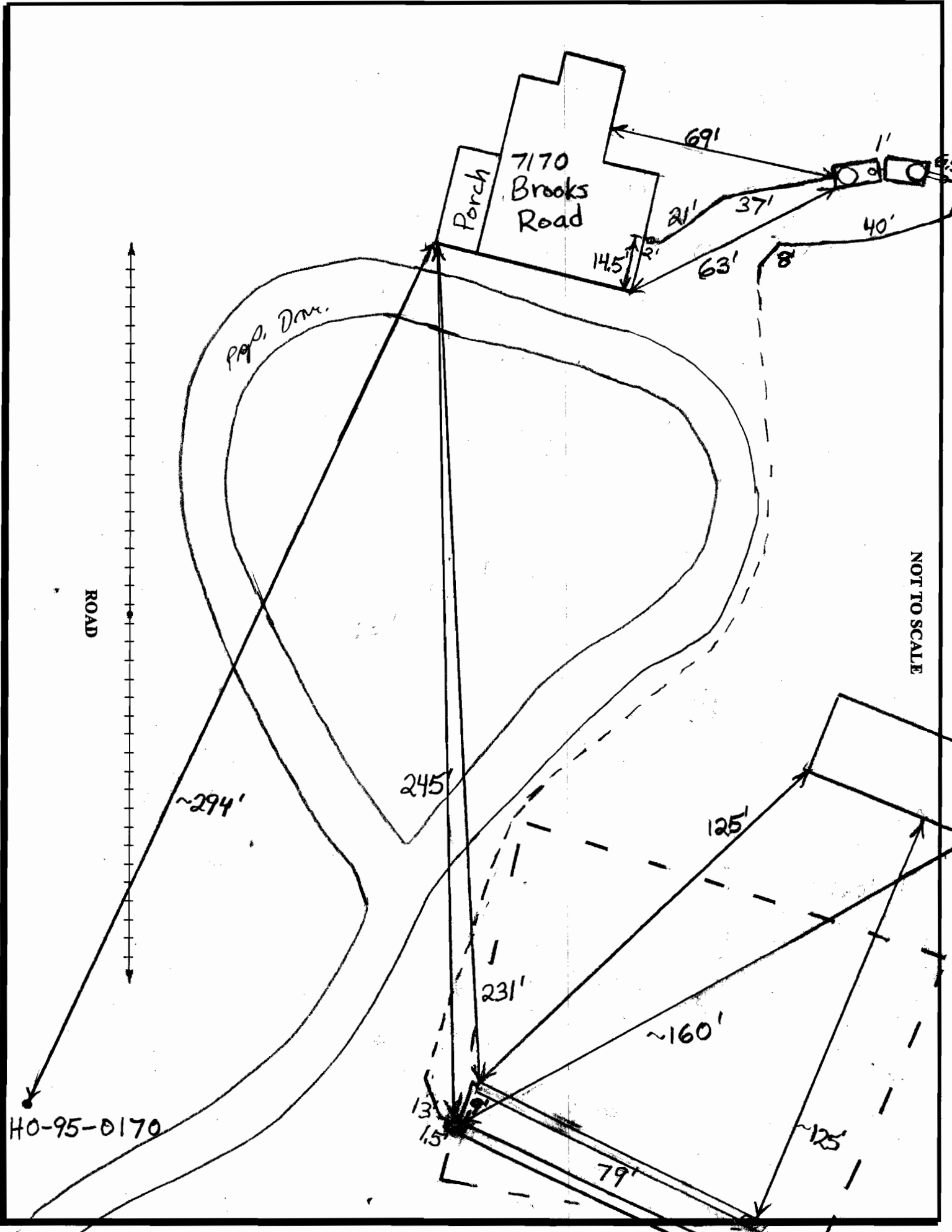
10/26/09 Pump and alarm working. (BB)

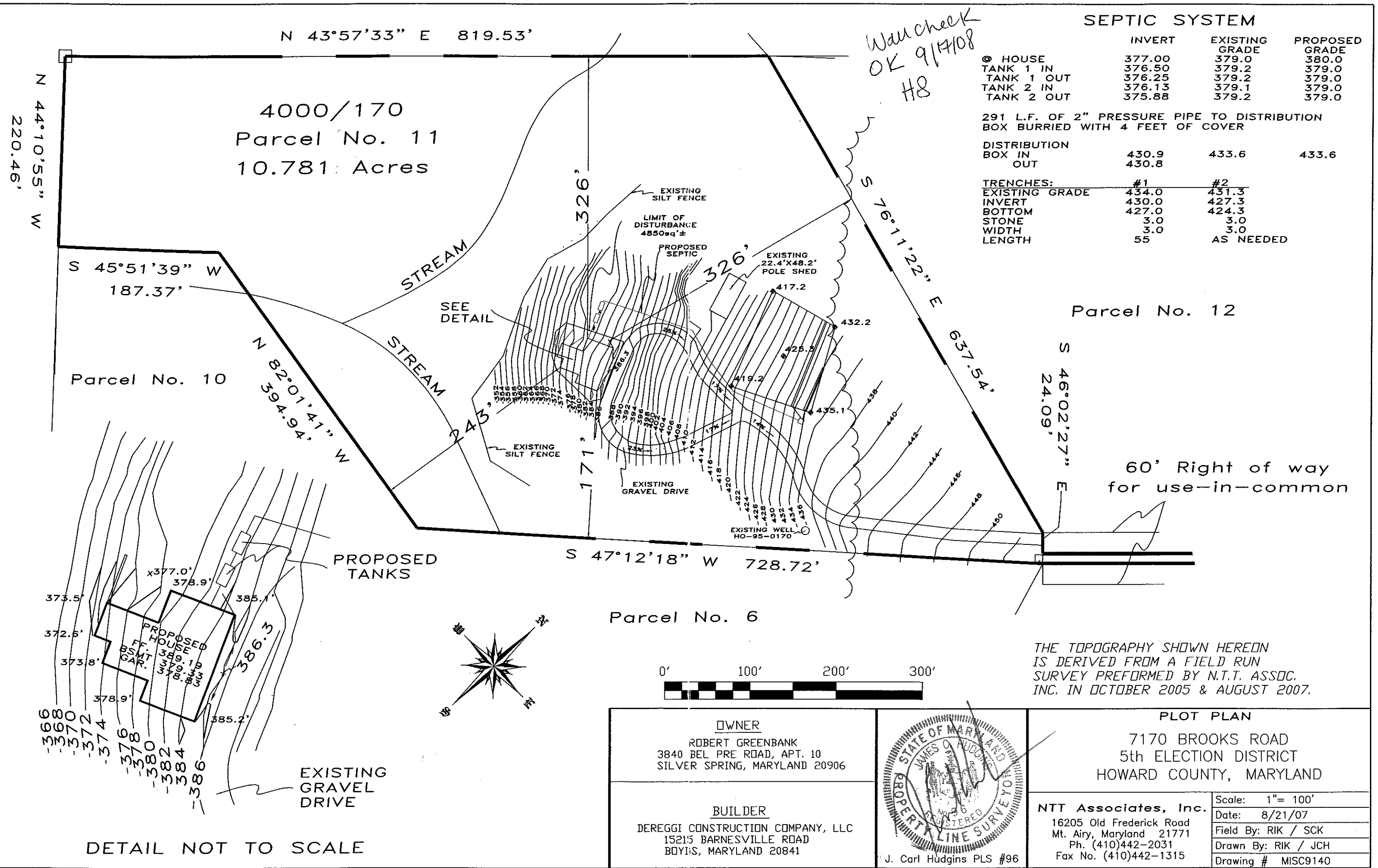
FINAL INSPECTOR

Brian Baker

DATE OF APPROVAL

10/26/09





Wau check  
OK 9/17/08  
H8

**SEPTIC SYSTEM**

	INVERT	EXISTING GRADE	PROPOSED GRADE
HOUSE	377.00	379.0	380.0
TANK 1 IN	376.50	379.2	379.0
TANK 1 OUT	376.25	379.2	379.0
TANK 2 IN	376.13	379.1	379.0
TANK 2 OUT	375.88	379.2	379.0

291 L.F. OF 2" PRESSURE PIPE TO DISTRIBUTION BOX BURIED WITH 4 FEET OF COVER

	INVERT	EXISTING GRADE	PROPOSED GRADE
DISTRIBUTION BOX IN	430.9	433.6	433.6
DISTRIBUTION BOX OUT	430.8		

TRENCHES:	#1	#2
EXISTING GRADE	434.0	431.3
INVERT	430.0	427.3
BOTTOM	427.0	424.3
STONE WIDTH	3.0	3.0
LENGTH	55	AS NEEDED

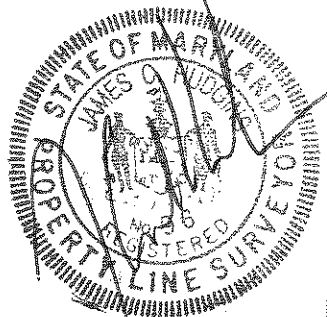
Parcel No. 12

60' Right of way for use-in-common

THE TOPOGRAPHY SHOWN HEREON IS DERIVED FROM A FIELD RUN SURVEY PERFORMED BY N.T.T. ASSOC. INC. IN OCTOBER 2005 & AUGUST 2007.

**OWNER**  
ROBERT GREENBANK  
3840 BEL PRE ROAD, APT. 10  
SILVER SPRING, MARYLAND 20906

**BUILDER**  
DEREGGI CONSTRUCTION COMPANY, LLC  
15215 BARNESVILLE ROAD  
BOYD'S, MARYLAND 20841



J. Carl Hudgins PLS #96

**PLOT PLAN**  
7170 BROOKS ROAD  
5th ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

NTT Associates, Inc.	Scale: 1" = 100'
16205 Old Frederick Road Mt. Airy, Maryland 21771 Ph. (410)442-2031 Fax No. (410)442-1315	Date: 8/21/07
	Field By: RIK / SCK
	Drawn By: RIK / JCH
	Drawing # MISC9140

DETAIL NOT TO SCALE