

LAYOUT 8/6/07 (BB) INSP 4 8/8/07 (KW)
 INSP 2 8/7/07 (KW) INSP 5 _____
 INSP 3 8/7/07 (KW) INSP 6 _____

ISSUE DATE: 6/20/07

P 527222

APPROVAL DATE: 8/8/07 (KW)

A 516083

PERMIT

TAX ID # 03343944

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

Hatfields Equipment IS PERMITTED TO INSTALL ALTER

ADDRESS: PO Box 519, Annapolis Junction PHONE NUMBER: 301-490-5794

SUBDIVISION: Jackson Property LOT NUMBER: 2

ADDRESS: 3714 Bold Ruler Court PROPERTY OWNER: Douglas Homes Inc

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

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

*Inlet 5'
 Bottom 7.5'
 8.5'*

SQUARE FEET PER BEDROOM: _____

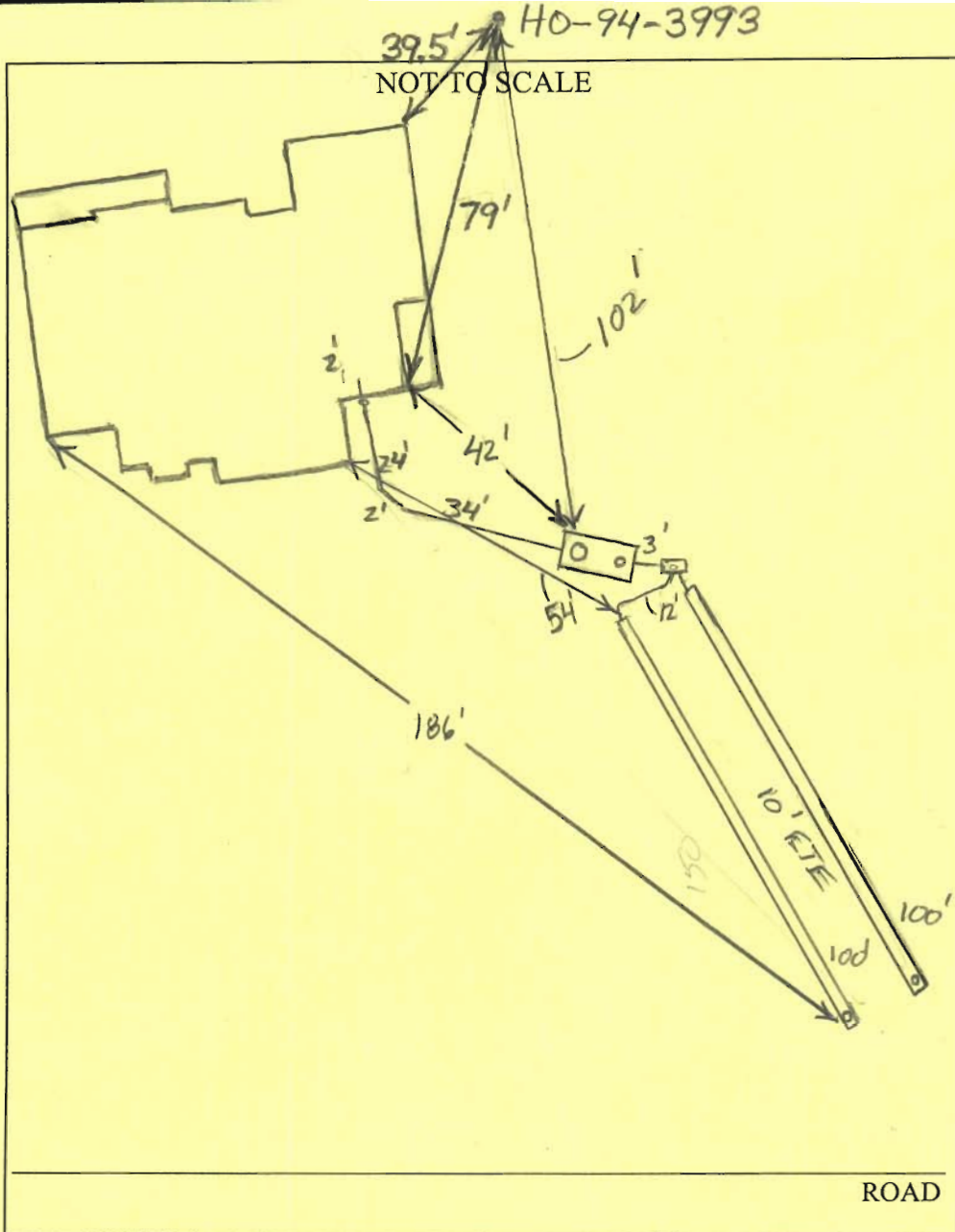
LINEAR FEET OF TRENCH REQUIRED: ~~165~~ 200'
 5'

TRENCHES:	Trench to be 2.0 feet wide. Inlet <u>4.0</u> feet below original grade. Bottom maximum depth 7.5 feet below original grade. Effective area begins at 6.0 feet below original grade. <u>2.5</u> feet of stone below distribution pipe.
LOCATION:	Place distribution box as shown on the approved septic system plan and run 165' of trench on contour in either 2x83' trenches or 3x55' trenches as site conditions allow. Install as instructed during layout inspection.
NOTES:	A pump tank/pump may be needed depending on observed site conditions at time of layout inspection.

PLANS APPROVED: Gabriel A. Creighton DATE: 5/21/07

- 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**



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2	5.5'	8.5-9'
NUMBER OF TRENCHES <u>2</u>		
TOTAL LENGTH <u>200'</u>		
ABSORPTION AREA <u>400'±SW</u>		
DISTRIBUTION BOX LEVEL <u>unders.</u>		
DISTRIBUTION BOX BAFFLE <u>Yes</u>		
DISTRIBUTION BOX PORT <u>Yes</u>		

SEPTIC TANK DATA		
SEPTIC TANK 1 LEVEL <u>Yes</u>		
CAPACITY	<u>2000</u>	GAL
SEAM LOC	<u>Top</u>	
TANK LID DEPTH	<u>3.55'</u>	
BAFFLES	<u>Yes</u>	
BAFFLE FILTER	<u>—</u>	
MANHOLE LOC	<u>Front</u>	
6" PORT LOC	<u>Rear</u>	
WATERTIGHT TEST	<u>—</u>	
SEPTIC TANK 2 LEVEL <u>—</u>		
CAPACITY	<u>—</u>	GAL
SEAM LOC	<u>—</u>	
TANK LID DEPTH	<u>—</u>	
BAFFLES	<u>—</u>	
BAFFLE FILTER	<u>—</u>	
MANHOLE LOC	<u>—</u>	
6" PORT LOC	<u>—</u>	
WATERTIGHT TEST	<u>—</u>	

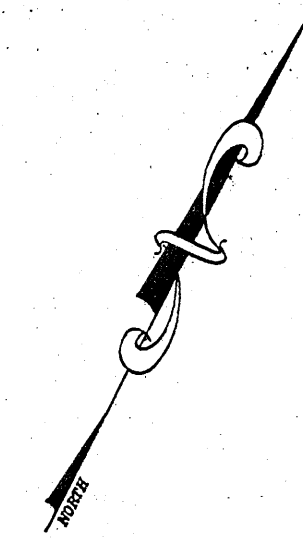
BB
2-comp slotted

PRE-CONSTRUCTION 8/6/07 Inlet was deepened to 5' so that a pump wasn't required. Install 2-100' trenches on contour

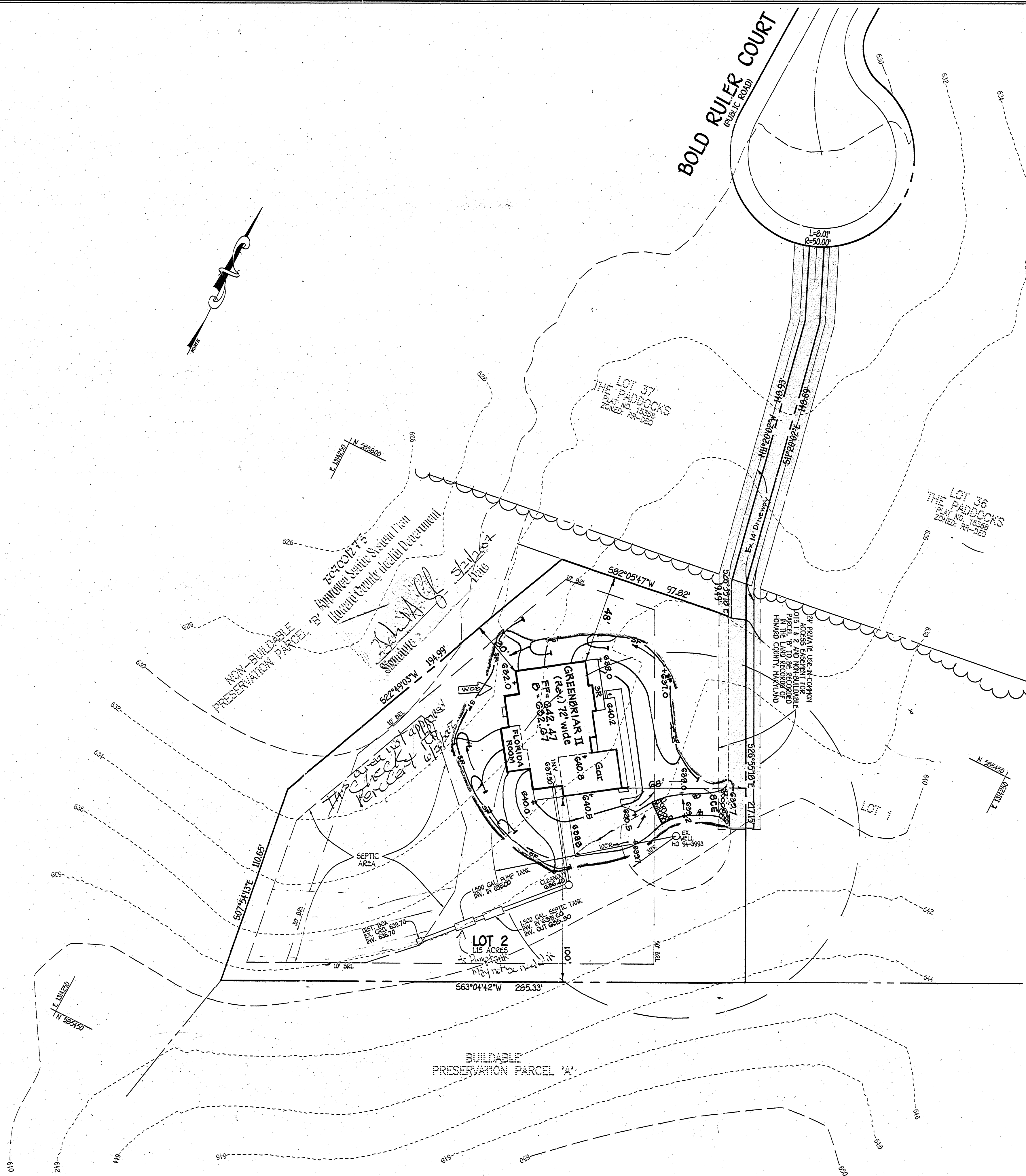
INSTALLATION across the uppermost part of the septic easement. (BB) 8/7/07 Tanks installed. Plumbing up to house connection installed. (KW) 8/4/07 (pm) Top trench dug to 7.5' deep. Heavy clay loam persistent to 7.5'. Contractor dug to 8.5'-9' transition break. Keep trench bottom 8.5'. OK to continue (KW) 8/8/07 system complete. OK to backfill (KW)

FINAL INSPECTOR J. Wolf DATE OF APPROVAL 8/8/07

LEGEND	
SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
- - - -	PROPOSED CONTOUR 2' INTERVAL
+362.5	SPOT ELEVATION
—S—S—	SILT FENCE
---	LIMITS OF DISTURBANCE
~~~~~	EXISTING TREELINE



- GENERAL NOTES**
- SUBJECT PROPERTY ZONED: RR-DEO
  - TOTAL AREA OF SITE: 115 AC.
  - TOTAL AREA IMPERVIOUS SURFACE = 3,033 SQ. FT. (LESS THAN 5,000 SQUARE FEET).
  - TOTAL AREA OF DISTURBANCE = 12,649 SQ. FT. (LESS THAN 30,000 SQUARE FEET).
  - TOPOGRAPHY WAS TAKEN FROM PLANS PREPARED BY BENCHMARK ENGINEERING, INC. ON OCTOBER, 2004
  - LOCATION AND LENGTH OF TRENCH TO BE DETERMINED AT THE TIME OF PERMIT ISSUANCE.
  - PLAT REFERENCE NO. 17477



**NOTE**  
 THE EXISTING WELL SHOWN ON THIS PLAN, TAG NO. HO 94-3993 HAS BEEN FIELD LOCATED BY FISHER, COLLINS & CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.

**BUILDER/DEVELOPER**  
 DOUGLAS HOMES  
 P.O. BOX 628  
 ELLICOTT CITY, MARYLAND 21041  
 410-750-0522

**PLOT PLAN**  
**JACKSON PROPERTY**  
 LOT 2  
 ZONED: RR-DEO  
 TAX MAP NO.: 22 PARCEL NO.: 530 GRID NO.: 8  
 THIRD ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 30' DATE: APRIL 2007

