

LAYOUT 11/28/07 INSP 4 \_\_\_\_\_  
INSP 2 12/3/07 INSP 5 \_\_\_\_\_  
INSP 3 12/4/07 INSP 6 \_\_\_\_\_

ISSUE DATE: 10/26/07

# PERMIT

P 527886

APPROVAL DATE: 12/4/07

A 516084-5

TAX ID # 03345084

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

Hatfields Equipment IS PERMITTED TO INSTALL  ALTER

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

SUBDIVISION: Riverwood LOT NUMBER: 5

ADDRESS: 11059 Huntersview Dr PROPERTY OWNER: Winchester Homes

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

PUMP CHAMBER CAPACITY (GALLONS): \_\_\_\_\_ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

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

LINEAR FEET OF TRENCH REQUIRED: 143

TRENCHES:	Trench to be 2.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 7.0 feet below original grade. Effective area begins at 5.0 feet below original grade. 4.0 feet of stone below distribution pipe.
LOCATION:	
NOTES:	Install system per plan unless directed by HCHD. Layout inspection needed prior to installation

PLANS APPROVED: Sara Fegel DATE: 7/13/07

NOTE: PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

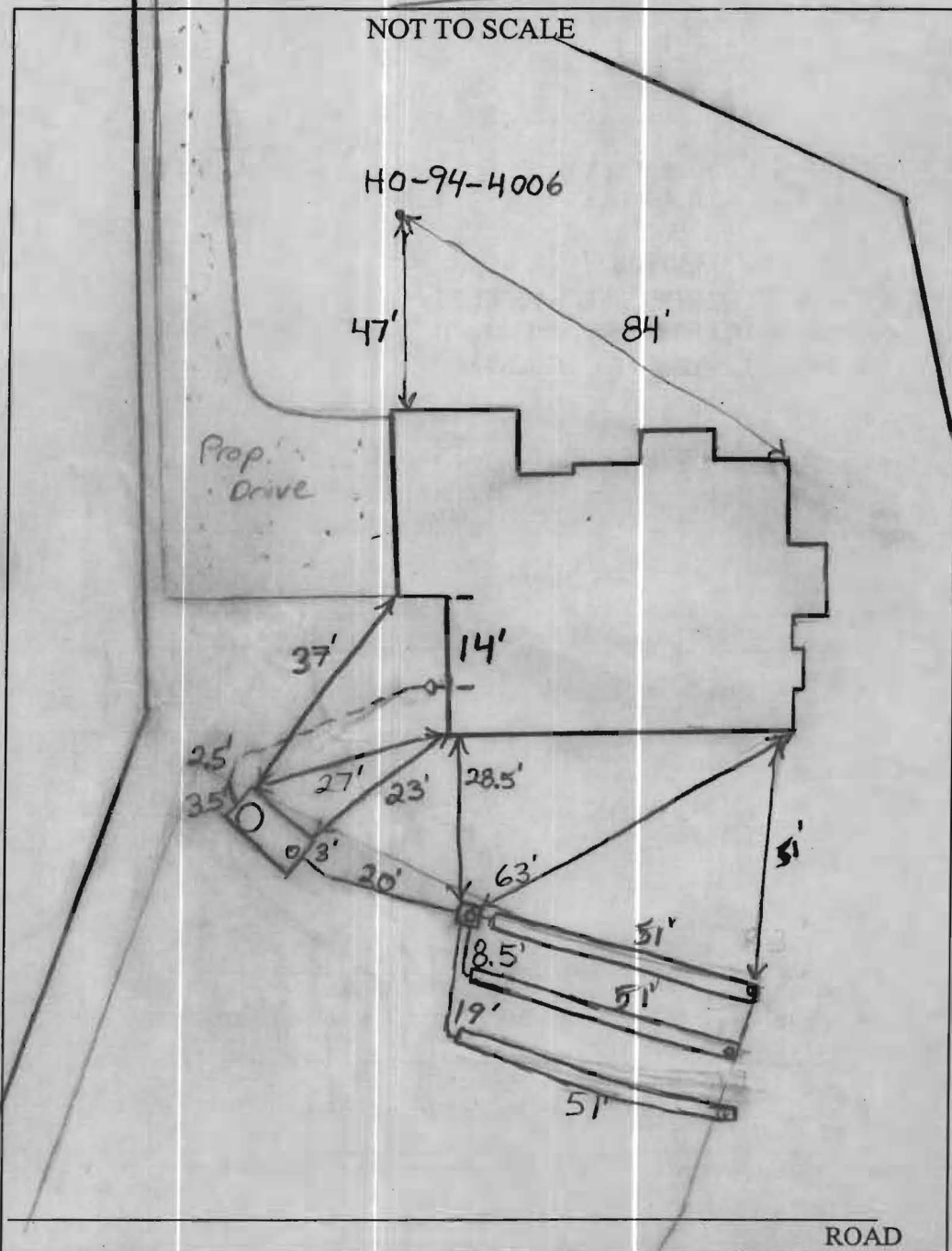
NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL

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**

↖ To Hunter's View Rd.

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	3'	14'
NUMBER OF TRENCHES <u>3</u>		
TOTAL LENGTH <u>153'</u>		
ABSORPTION AREA <u>306</u>		
DISTRIBUTION BOX LEVEL <u>Yes</u>		
DISTRIBUTION BOX BAFFLE <u>Yes</u>		
DISTRIBUTION BOX PORT <u>Yes</u>		

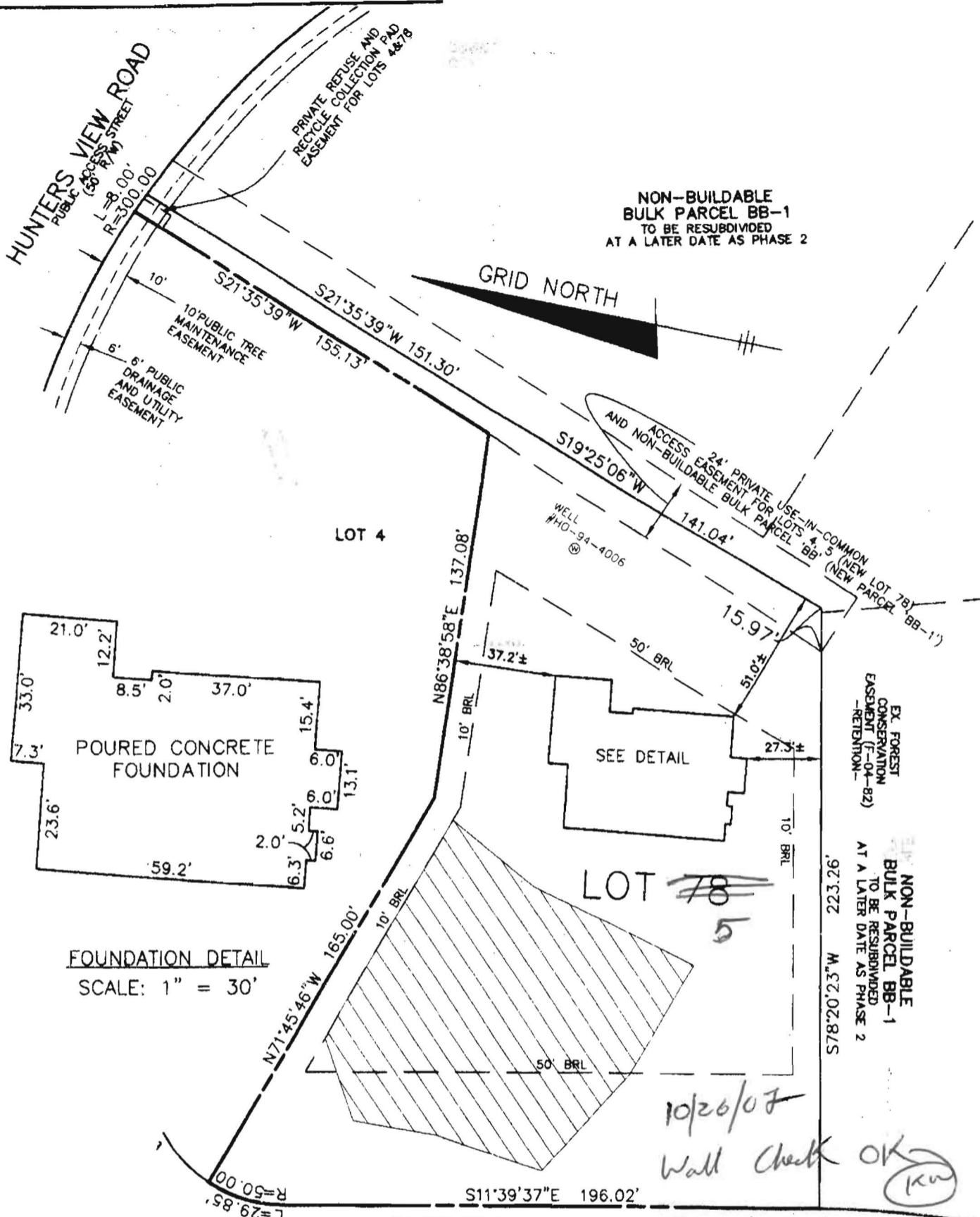
SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	<u>Yes</u>
CAPACITY	<u>2000</u> GAL
SEAM LOC	<u>Top</u>
TANK LID DEPTH	<u>0.5'-2'</u>
BAFFLES	<u>Yes</u>
BAFFLE FILTER	<u>No</u>
MANHOLE LOC	<u>Front</u>
6" PORT LOC	<u>Rear</u>
WATERTIGHT TEST	<u>No</u>

SEPTIC TANK 2 LEVEL	
SEPTIC TANK 2 LEVEL	<u>N/A</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>

PRE-CONSTRUCTION  
 11/28/07 Keep tank 20' from dwelling and 100' from well. Tank may sit right up to top left edge of

INSTALLATION: easment. Place D box @ top center of SDA, install 3x48' trenches on contour towards right side of easment. Large amount of fill to be removed before @ top center of SDA before proceeding. Call to inspect tank installation (KW)  
 12/3/07 Tank set. House connection made. Bottom trench done (BB)  
 12/4/07 system complete. Trenches installed per pre-construction layout. OK to cover. (KW)

FINAL INSPECTOR K. Wall DATE OF APPROVAL 12/4/07



NON-BUILDABLE  
BULK PARCEL BB-1  
TO BE RESUBDIVIDED  
AT A LATER DATE AS PHASE 2

EX FOREST  
CONSERVATION  
EASEMENT (F-04-82)  
-RETENTION-

NON-BUILDABLE  
BULK PARCEL BB-1  
TO BE RESUBDIVIDED  
AT A LATER DATE AS PHASE 2

**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 08/22/07.

*Stephan Jalon 10/16/07*

STEPHAN JALON  
PROFESSIONAL LAND SURVEYOR  
MD REG. No. 10726  
FOR BENCHMARK ENGINEERING, INC.  
MD REG. No. 351  
FEMA FIRM No. 240044 0027 B  
ZONE: C  
DATED: 12/04/86



8480 BALTIMORE NATIONAL PIKE & SUITE 418  
ELLICOTT CITY, MARYLAND 21043  
phone: 410-465-6105 & fax: 410-465-6644  
www.bei-civilengineering.com



FIELD OBS. BY KLD  
COMP. BY EWF  
DRAWN BY EWF

TOP OF FOUNDATION WALL ELEVATION = 452.2'  
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.2'

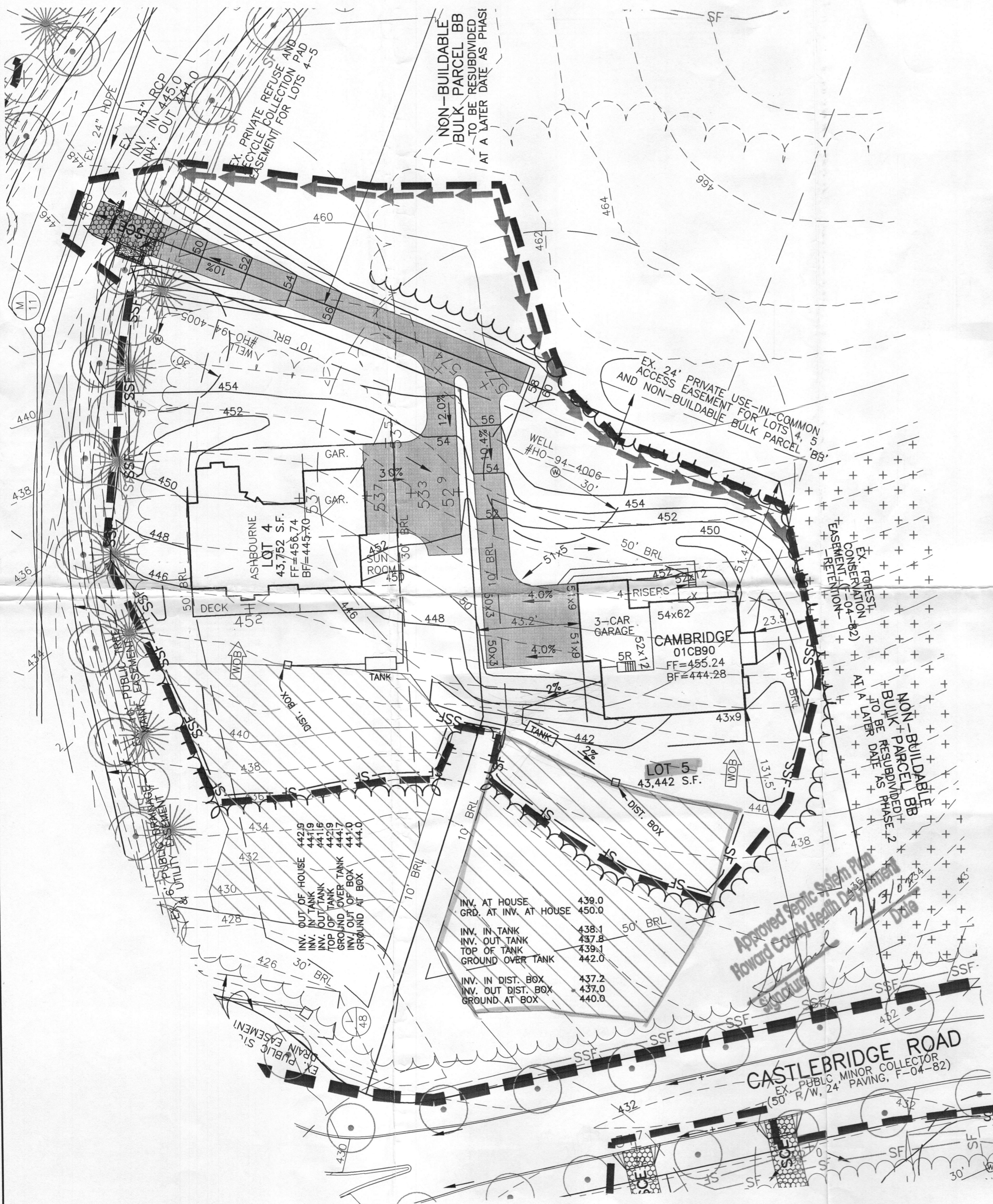
*House moved ~ 5'  
to right lot line.  
Not OK*

WALL CHECK  
RIVERWOOD  
PHASE 1  
PLAT No. 19459  
LOT No. ~~78~~ 5

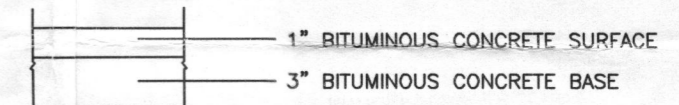
11059 HUNTERS VIEW ROAD

3RD ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE: 1" = 50' OBS. DATE: 7/30/07

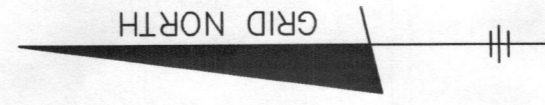




- NOTES:**
1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR RIVERWOOD, PHASE 1, PLAT No. 18039. REFER TO THE PLAT FOR LOT DIMENSIONS, LOT AREAS AND ALL EASEMENTS.
  2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT FOR 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
  3. SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER GP-05-31 AND MODIFIED FOR THIS SPECIFIC HOUSE.
  4. TOPOGRAPHY SHOWN HEREON IS TAKEN FROM THE APPROVED ROAD CONSTRUCTION PLANS.
  5. EXACT LENGTH OF SEPTIC TRENCHES ARE TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF TRENCH LAYOUT AND INSPECTION.
  6. SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
  7. ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
  8. ALL DRAINAGE AND STORMWATER MANAGEMENT FEATURES USED ON THIS SITE MUST COMPLY WITH THE APPROVED ROAD CONSTRUCTION PLANS.
  9. SEPTIC TANK FOR THIS LOT TO BE 2,000 GALLONS.
  10. THE EXISTING WELL SHOWN ON THIS PLAN, HO-94-4006, HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. AND IS ACCURATELY SHOWN.



**PAVING SECTION**  
NOT TO SCALE



NO.	DATE	REVISION

**BENCHMARK**  
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS  
**ENGINEERING, INC.**

8480 BALTIMORE NATL. PIKE ▲ SUITE 418  
ELLCOTT CITY, MARYLAND 21043  
PHONE: 410-465-6105 FAX: 410-465-6644  
EMAIL: benchk@ccais.com

OWNER/BUILDER:  
CAMBERLEY HOMES, INC.  
6905 ROCKLEDGE DVE  
SUITE 800  
BETHESDA, MD 2087  
PHONE: 301-803-3000  
FAX: 301-803-499

PROJECT: **RIVERWOOD LOT 5**

LOCATION: 4850 CASTLEBRIDGE ROAD  
ELLCOTT CITY, MD 21042  
TAX MAP No. 29 - BLOCK Nos. 3, 4, 9 & 10 - PARCEL No. 20  
3rd ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

TITLE: **PERMIT PLAN**

HOUSE TYPE: **CAMBRIDGE MODEL**

DESIGN: JMC	DRAFT: JMC	DATE: MAY 29, 2007	PROJECT NO. 1950
SCALE: 1" = 30'		DRAWING 1 OF 1	