

LAYOUT \_\_\_\_\_

INSP 1 \_\_\_\_\_ INSP 3 \_\_\_\_\_

INSP 2 \_\_\_\_\_ INSP 5 \_\_\_\_\_

ISSUE DATE: 12/7/04

P 521607

APPROVAL  
DATE:

5/3/05

# PERMIT SHARED SEPTIC SYSTEM

A \_\_\_\_\_

INDEXED

03343537

## HOUSE SEWER LINE CONNECTION

### HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

NVR Inc. t/a Ryan Homes IS PERMITTED TO INSTALL  ALTER

ADDRESS: 6085 Marshalee Dr., Suite 140 Elkridge PHONE NUMBER: 410-796-0980

SUBDIVISION Homeland LOT NUMBER: 80

ADDRESS: 3020 Harbin Field PROPERTY OWNER: NVR., Inc t/a Ryan Homes

NUMBER OF BEDROOMS: 2

HOUSE SERVED BY PUBLIC WATER? YES

LOCATION:	Install 4" house sewer line connection per the approved site plan.
NOTES:	This permit is limited to the installation of the individual house sewer line connection and installation of the grinder pump, if applicable. The Howard County Bureau of Utilities must be contacted for scheduling of inspection of these items, as well at 410-313-4900.

PLANS APPROVED: Kevin J. Bell DATE: 12/20/04

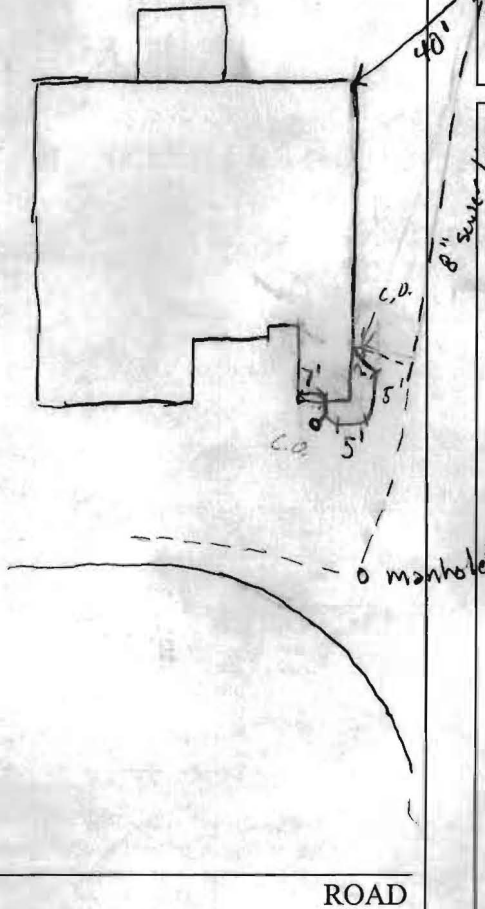
### PERMIT VOID AFTER 2 YEARS

1. CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS.
2. ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED.
3. MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED.
4. CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT.
5. NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.
6. PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

CALL 410-313-1771 FOR INSPECTION HOUSE CONNECTION

PS 21607

NOT TO SCALE



**TRENCH/DRAINFIELD DATA**

WIDTH \_\_\_\_\_ INLET  BOTTOM  *manhole*

NUMBER OF TRENCHES \_\_\_\_\_

TOTAL LENGTH \_\_\_\_\_

ABSORPTION AREA \_\_\_\_\_

DISTRIBUTION BOX LEVEL *ok*

DISTRIBUTION BOX BAFFLE \_\_\_\_\_

DISTRIBUTION BOX PORT \_\_\_\_\_

**SEPTIC TANK DATA**

SEPTIC TANK 1 LEVEL \_\_\_\_\_

CAPACITY \_\_\_\_\_ GAL

SEAM LOC \_\_\_\_\_

TANK LID DEPTH \_\_\_\_\_

BAFFLES \_\_\_\_\_

BAFFLE FILTER \_\_\_\_\_

MANHOLE LOC \_\_\_\_\_

6" PORT LOC \_\_\_\_\_

WATERTIGHT TEST \_\_\_\_\_

SEPTIC TANK 2 LEVEL \_\_\_\_\_

CAPACITY \_\_\_\_\_ GAL

SEAM LOC \_\_\_\_\_

TANK LID DEPTH \_\_\_\_\_

BAFFLES \_\_\_\_\_

BAFFLE FILTER \_\_\_\_\_

MANHOLE LOC \_\_\_\_\_

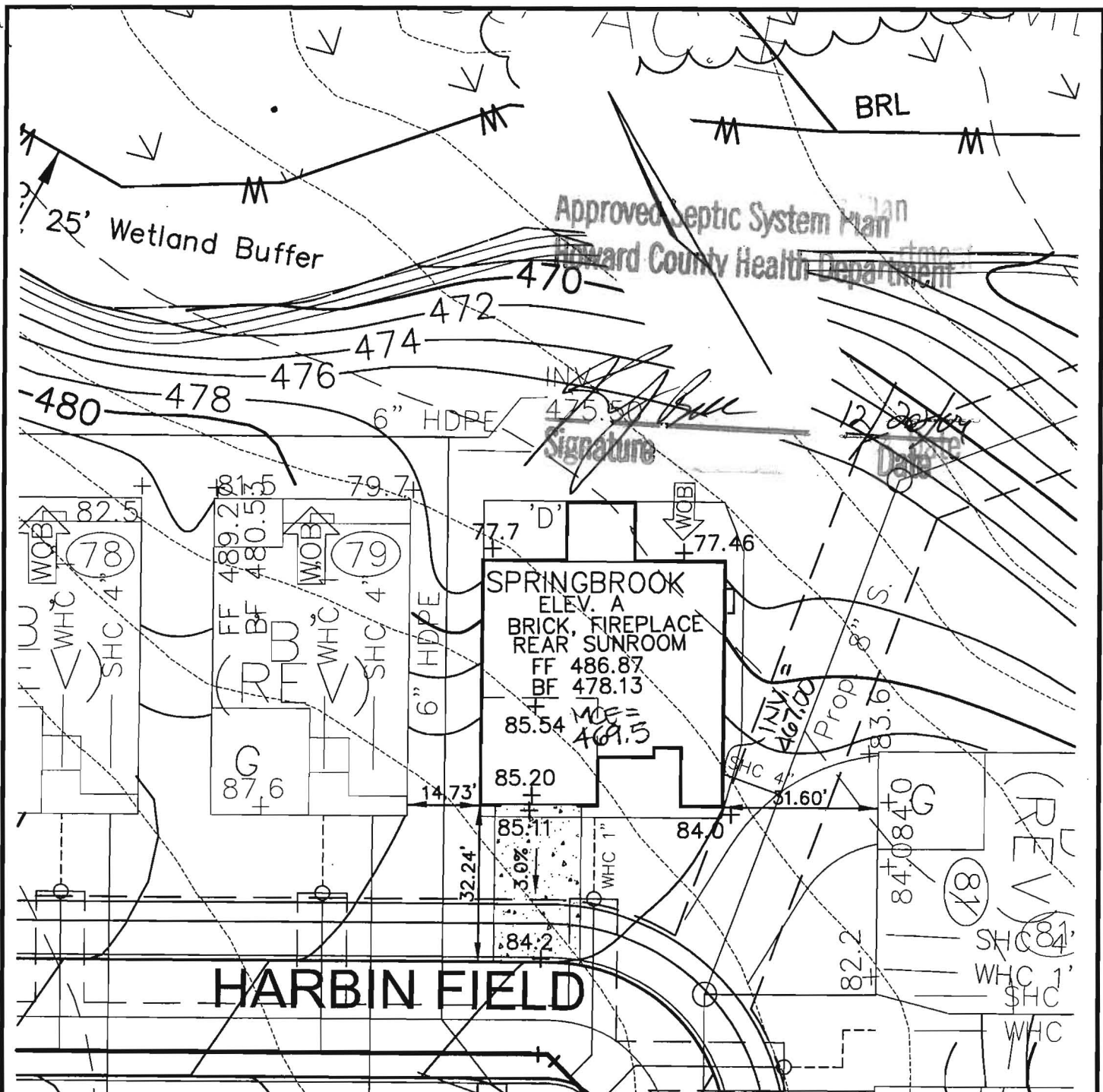
6" PORT LOC \_\_\_\_\_

WATERTIGHT TEST \_\_\_\_\_

PRE-CONSTRUCTION \_\_\_\_\_

INSTALLATION Everything ok

FINAL INSPECTOR GAC J. Creigh DATE OF APPROVAL 5/13/05



Approved Septic System Plan  
 Howard County Health Department

*[Signature]*  
 Signature

12/20/04  
 Date

SPRINGBROOK  
 ELEV. A  
 BRICK, FIREPLACE  
 REAR SUNROOM

FF 486.87  
 BF 478.13  
 MCE 469.15

HARBIN FIELD

**VE ROBERT H. VOGEL ENGINEERING, INC.**  
 ENGINEERS • SURVEYORS • PLANNERS  
 8407 MAIN STREET TEL: 410.461.7666  
 ELLICOTT CITY, MD 21043 FAX: 410.461.8961

NOTE:  
 ALL DIMENSIONS ARE FROM  
 ARCHITECTURAL BRICK LEDGE.

SCALE 1"=30'  
 DRAWN BY JCO  
 CHECKED BY RHV  
 DATE DECEMBER 1, 2004  
 W. O. # 04-87.00  
 SHEET# 1 OF 1

**RYAN HOMES  
 ELLICOTT MEADOWS  
 UNIT 80**

HOMELAND SDP-03-30  
 TAX MAP 16  
 3RD ELECTION DISTRICT

PARCEL 53,96,165&204  
 HOWARD COUNTY, MARYLAND

hods.  
 er's Operation and Maintenance Manuals

provide operations and maintenance

and at least 60 days prior to the date set for  
 to the Owner five (5) Operation and  
 id electrical systems and equipment  
 include all installation, operation, start-up and  
 ned in the manuals shall consist of catalogs,  
 les, parts, lists, assembly drawings, wiring  
 re maintenance measures, approved working  
 ary for the Owner to establish an effective

und in 3-ring loose-leaf binders and indexed.  
 ove dimensions and placed in envelopes

Operator and/or Owner in understanding the  
 mitations of the equipment as well as to  
 ance. Technical and maintenance information  
 and electrical components shall be included  
 but not limited to, Operation Responsibilities,  
 ss Design Criteria, Operational Modifications,  
 onponent Equipment O&M, System Equipment  
 and As-Built.

nce of the facilities will not be undertaken until  
 nuals have been submitted. Partial approvals.

NH <sub>3</sub> -N	35	mg/L
Alkalinity (as CaCO <sub>3</sub> )	100	mg/L
pH	6.0 - 9.0	S.U.
Water Temperature Min.	15	°C
Water Temperature Max	28	°C
Air Temperature Min.	0	°F
Air Temperature Max	100	°F
Site Elevation	442	ft
<b>Effluent Characteristics</b>		
BOD <sub>5</sub> (20°C)	30	mg/ L
Total Suspended Solids	30	mg/L
NH <sub>3</sub> -N	1.0	mg/L
Total Nitrogen (N)	10.0	mg/l
<b>Influent Pumping</b>		
Average design rate in	15.3	gpm
Peak rate in	61.2	gpm @ 4 x Avg.
Pump rate provided	70	gpm 1 pump (28'TDH)

SBR R

M

T

D

Dosing

PUBLIC WATER +  
 PRIVATE SHARED SEPTIC  
 SYSTEM

SDP-03-030

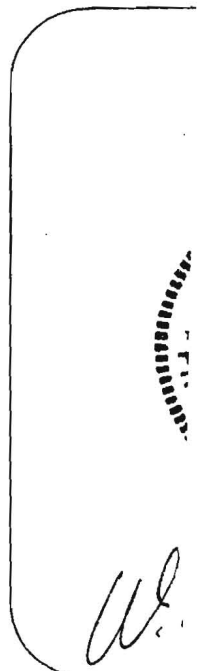
HOME LAND SENIOR CENTER  
 147 UNITS TOTAL  
 EACH UNIT CAN ONLY  
 BE A TOTAL OF 2 BEDROOMS

Approved Septic System Plan MDE  
~~Howard County Health Department~~

Approved Septic System Plan  
 Howard County Health Department

George M. [Signature] 9-2-03  
 Signature Date

Steven Roger King 9/2/03  
 Signature Date



W.



## HOWARD COUNTY HEALTH DEPARTMENT

Bureau of Environmental Health  
7178 Columbia Gateway Drive, Columbia MD 21046  
(410) 313-2640 FAX (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-877-4MD-DHMH

*Penny E. Borenstein, M.D., M.P.H., County Health Officer*

05/19/2005

NVR Inc. t/a Ryan Homes  
6085 Marshalee Drive, Suite 140  
Elkridge, Maryland 21075

**SENT VIA FACSIMILE 410-796-7094**

RE: Homeland, Lot 80  
3020 Harbin Field  
Ellicott City, MD 21043  
BP # B00151445  
**PUBLIC WATER**

Dear Sirs or Madam:


This is to advise that the connection from the house to the street has been installed and inspected for the referenced property. A Community Septic System serves this dwelling. **Final approval was granted on 5/19/2005 by HCHD for the house connection.**

The property is served by public water and is therefore exempt from the Health Department water sampling requirements.

By issuance of this letter, this office recommends release of the Use and Occupancy permit for the referenced property.

### RECOMMENDATION FOR USE AND OCCUPANCY

Respectfully,

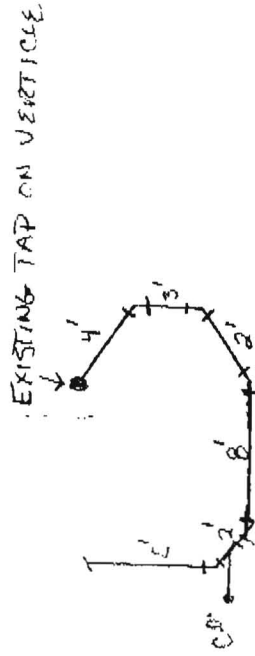
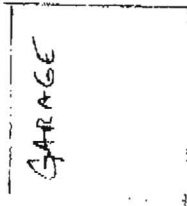


Stuart F. Oster, R. S.  
Well and Septic Program

cc: DILP, Building Inspectors Office  
File

SIGN MEN  
FOR MEASUREMENT

LOT 80  
3020 HARBIN FIELD Rd.

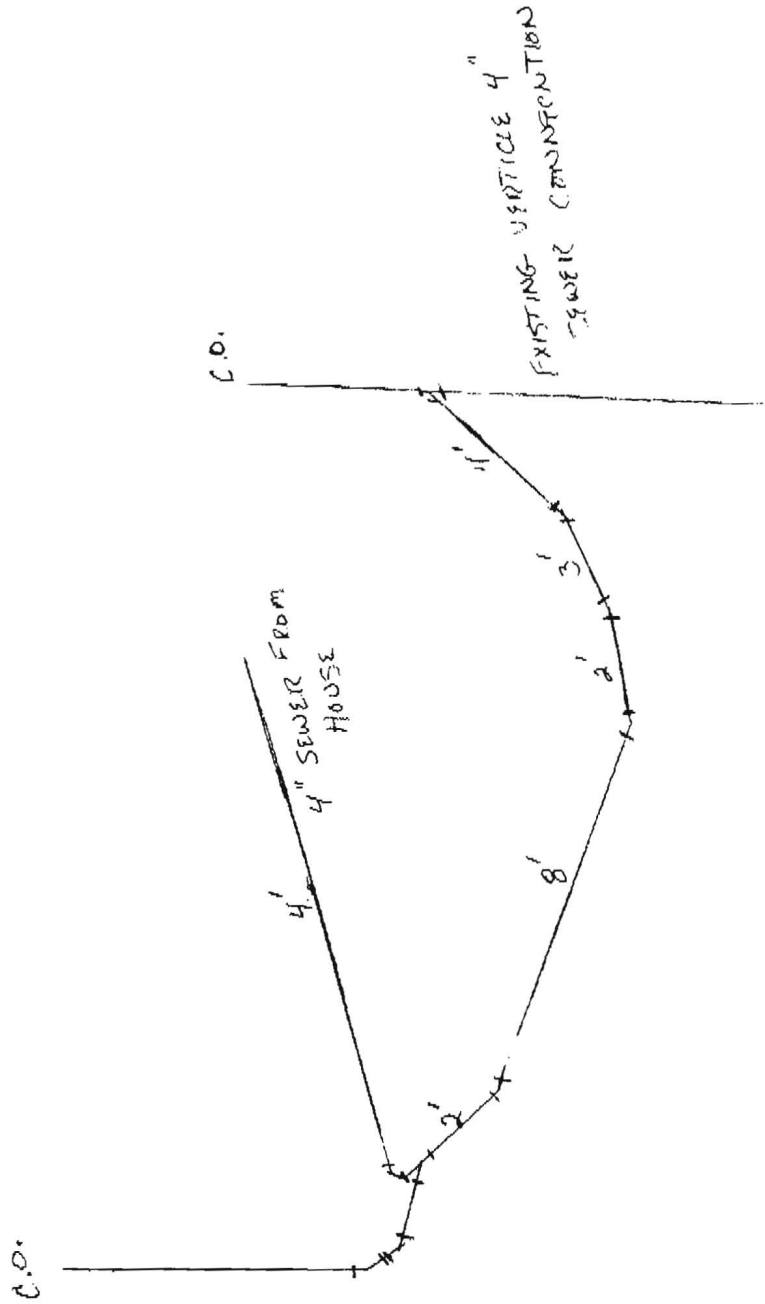


HARBIN FIELD

ELICOTT MEADOWS

LOT 80

3020 HARBIN FIELD RD



# CLASSIC SYSTEMS INC.

190 PENROD COURT SUITE D  
GLEN BURNIE MD. 21060.  
PHONE / 410-553-9801  
FAX / 410-553-9843

To: ENVIRONMENTAL HEALTH Fax: 410-313-2648

From: CLASSIC SYSTEMS INC. Date: 5/20/05

Pages: 3

ATTN: STEWART

- For Review     Urgent     Please Comment     Please Reply     Please Recycle

