

LAYOUT \_\_\_\_\_

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

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

ISSUE DATE: 3/29/2005

P 522057

APPROVAL  
DATE: \_\_\_\_\_

A 515326-F

**PERMIT  
SHARED SEPTIC SYSTEM**

**INDEXED**

**HOUSE SEWER LINE CONNECTION**

03343561

**HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH**

Ryan Homes IS PERMITTED TO INSTALL  ALTER

ADDRESS: 7084 Marshalee Drive, Elkridge PHONE NUMBER: 410-796-0980

SUBDIVISION Homeland LOT NUMBER: 81

ADDRESS: 3016 Harbin Field PROPERTY OWNER: NVR. Inc.

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: 2/14/05

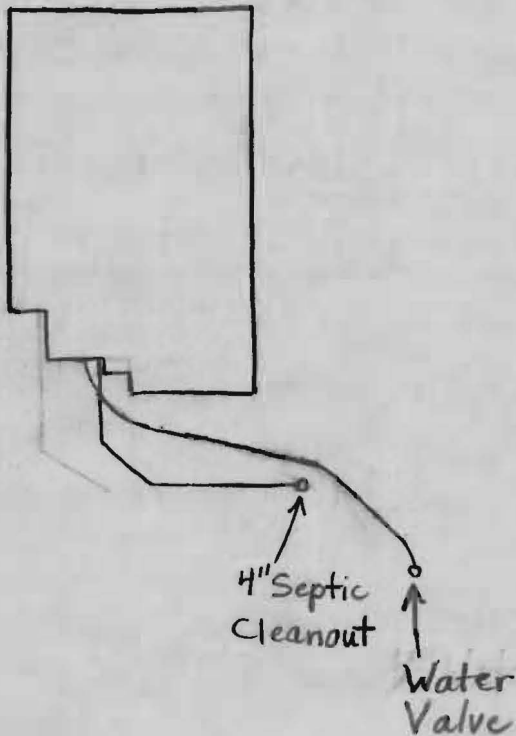
**PERMIT VOID AFTER 2 YEARS**

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 OR 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**

A515326-F

NOT TO SCALE



Harbin Field

**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
_____	_____	_____
NUMBER OF TRENCHES _____		
TOTAL LENGTH _____		
ABSORPTION AREA _____		
DISTRIBUTION BOX LEVEL _____		
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 5/6/05 *Septic connection made. Working on water line. Schedule 40 used for septic. Copper pipe used for water and sleeved where going into house. (BB)*

FINAL INSPECTOR \_\_\_\_\_

DATE OF APPROVAL \_\_\_\_\_



## 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

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

June 17, 2005

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

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

RE: Homeland, Lot 81  
3016 Harbin Field  
Ellicott City, MD 21043  
BP # B00152131  
**PUBLIC WATER**

Dear Sirs or Madam:

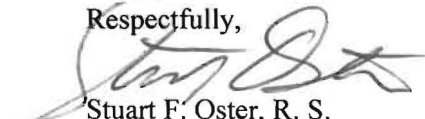
This is to advise that the connection from the house to the street has been installed and inspected for the referenced property. A Community Septic System serves this dwelling. **Final approval was granted on 05/06/2005 by HCHD for the house connection.**

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

Methods.  
 Operator'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  
 and electrical systems and equipment  
 include all installation, operation, start-up and  
 and in the manuals shall consist of catalogs,  
 files, parts, lists, assembly drawings, wiring  
 and maintenance measures, approved working  
 drawings for the Owner to establish an effective

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

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

Approval of the facilities will not be undertaken until  
 drawings 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	SBR R
Air Temperature Max	100	°F	
Site Elevation	442	ft	
<b>Effluent Characteristics</b>			
BOD <sub>5</sub> (20°C)	30	mg/ L	M
Total Suspended Solids	30	mg/L	T
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	Dosing
Peak rate in	61.2	gpm @ 4 x Avg.	
Pump rate provided	70	gpm 1 pump (28'TD)	

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

PUBLIC WATER +  
 PRIVATE SHARED SEPTIC  
 SYSTEM  
 SDP-03-030

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

Approved Septic System Plan  
 Howard County Health Department

*Russell H. Hight*  
 Signature  
 9-2-03  
 Date

*Steven Roger Krieg*  
 Signature  
 9/2/03  
 Date

