

LAYOUT \_\_\_\_\_

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

INSP 2 \_\_\_\_\_ INSP 4 \_\_\_\_\_

ISSUE DATE: 9/8/05

P 523288-D

APPROVAL DATE: 8/4/05

**PERMIT**  
**INDEXED**

A \_\_\_\_\_

**COMMUNITY SEPTIC SYSTEM  
HOUSE SEWER LINE CONNECTION**

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

NVR, Inc. IS PERMITTED TO INSTALL  ALTER

ADDRESS: 6085 Marshalee Drive, Elkridge PHONE NUMBER: 410-379-5956

SUBDIVISION Homeland Unit # 61

ADDRESS: 12007 Grayton Run PROPERTY OWNER: NVR Inc. t/a Ryan Homes

NUMBER OF BEDROOMS: 2

**HOUSE SERVED BY PUBLIC WATER**

LOCATION:	Install 4" house sewer line connection per the approved site plan. Final acceptance of the sewer system will be subject to the approval of the Maryland Dept. of the Environment.
NOTES:	This permit is limited to the installation of the individual house sewer line connection.

PLANS APPROVED: Kevin J. Bell DATE: 5/25/05

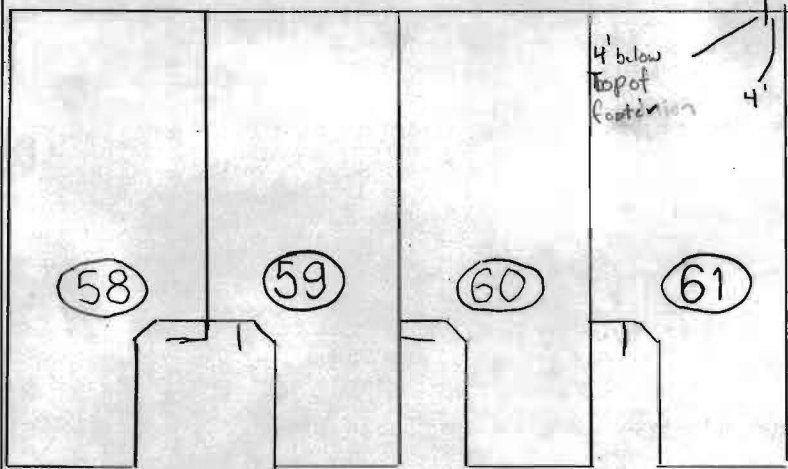
**PERMIT VOID AFTER 2 YEARS**

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. CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT.
4. NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.
5. PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

**CALL 410-313-1771 FOR INSPECTION OF SEPTIC CONNECTION**

P523288-D

NOT TO SCALE



~~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 \_\_\_\_\_

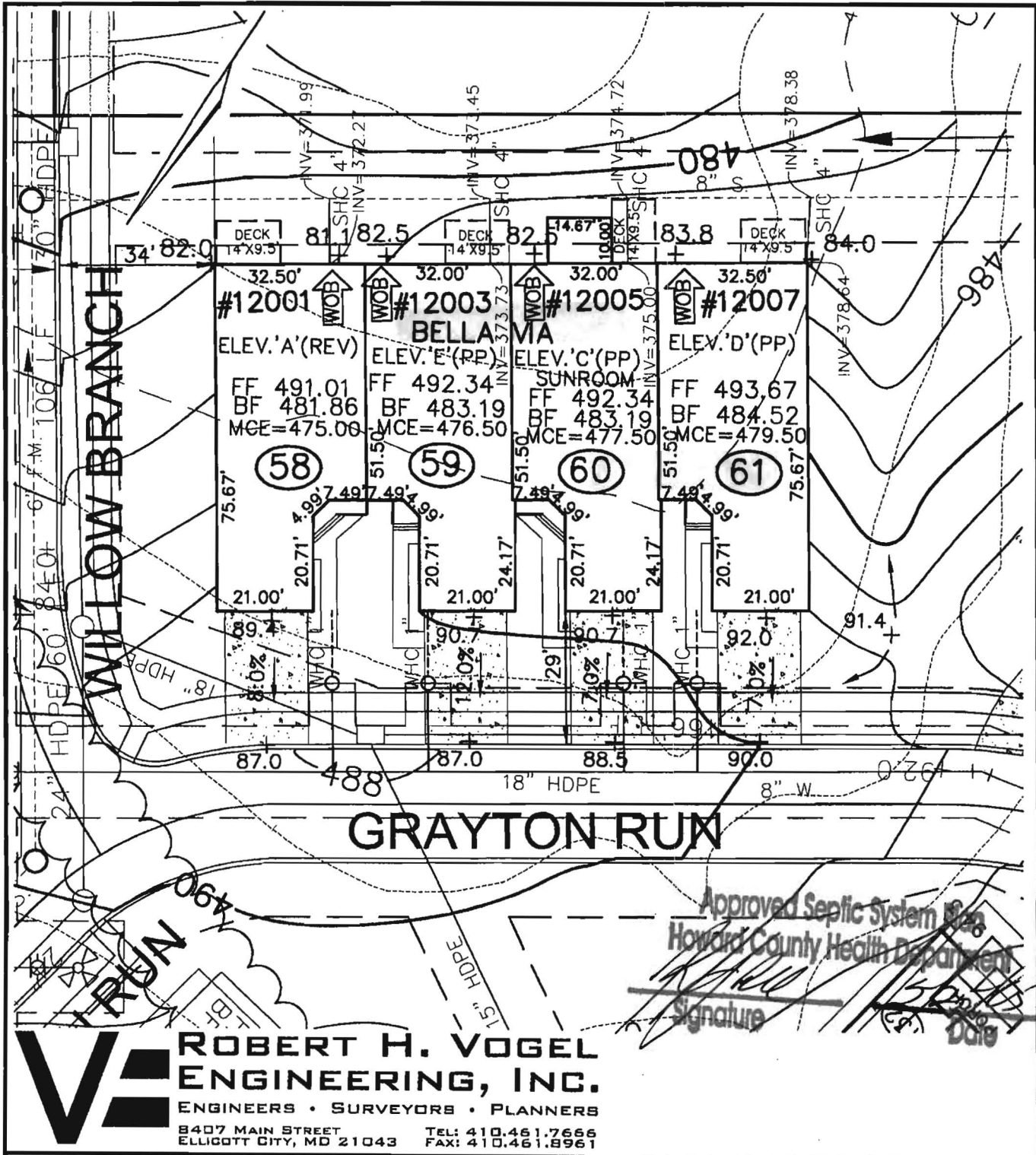
MANHOLE LOC \_\_\_\_\_

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

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

PRE-CONSTRUCTION Connection from dwelling unit to sewer main  
for shared septic system. On public water water lines are in the  
 INSTALLATION front of these units. 8/4/05 Connection is ok  
glue & primer, good fall connection y's in from above.  
using sweep y → sewer main gtc  
 Concrete top box payment 9/8/05

FINAL INSPECTOR Garrel A. [Signature] DATE OF APPROVAL 8/4/05



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

SCALE 1"=30'  
 DRAWN BY JCO  
 CHECKED BY RHV  
 DATE MAY, 2005  
 W. O. # 04-87.00  
 SHEET# 1 OF 1

**NV HOMES**  
**ELLICOTT MEADOWS**  
**UNITS 58-61**

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

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

B00153801



# HOWARD COUNTY HEALTH DEPARTMENT

15 23288

DATE  
9 / 8 / 2005

Received From

NVR

PHONE # 410-379-5956

6085 Marshalee Lane, Ste 130, Elkridge MD 21075

For Septic Permits

CASH

CHECK

Homeland - Lots 58 thru 61 on Grayson Run

NO.

259331

One thousand <sup>with</sup> ~~five~~ five hundred eighty-four <sup>00</sup>/<sub>100</sub> Dollars

\$

1584 <sup>00</sup>/<sub>100</sub>

Received By

Mary L Briggs

hods.

Owner'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, files, 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 nance. Technical and maintenance information and electrical components shall be included but not limited to, Operation Responsibilities, ss Design Criteria, Operational Modifications, nponent Equipment O&M, System Equipment and As-Builts.

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)

PUBLIC WATER +  
PRIVATE SHARED SEPTIC SYSTEM

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

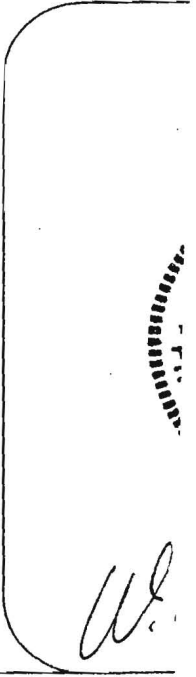
SDP-03-030

Approved Septic System Plan MDE  
Howard County Health Department

Approved Septic System Plan  
Howard County Health Department

[Signature]  
Signature  
9-2-03  
Date

Steven Roger King  
Signature  
9/2/03  
Date



[Handwritten initials]



## 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*

September 9, 2005

NVR Inc.  
6085 Marshalee Drive, Suite 140  
Elkridge, Maryland 21075

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

RE: Homeland, Lot 61  
12007 Grayton Run  
Ellicott City, MD 21042  
BP # B00153801  
**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 08/04/2005 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,

Brian Baker, R. S.  
Well and Septic Program

cc: DILP, Building Inspectors Office  
File