

LAYOUT \_\_\_\_\_

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

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

ISSUE DATE: 11/14/2005

P 523643

APPROVAL  
DATE: 11/28/05

**PERMIT**

**INDEXED**

A \_\_\_\_\_

TAX ID # 03-344630

**COMMUNITY SEPTIC SYSTEM  
HOUSE SEWER LINE CONNECTION**

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

NVR \_\_\_\_\_ IS PERMITTED TO INSTALL  ALTER

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

SUBDIVISION Homeland Unit # 35

ADDRESS: 12115 Windsor Moss PROPERTY OWNER: NVR Inc.

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: 11/03/05

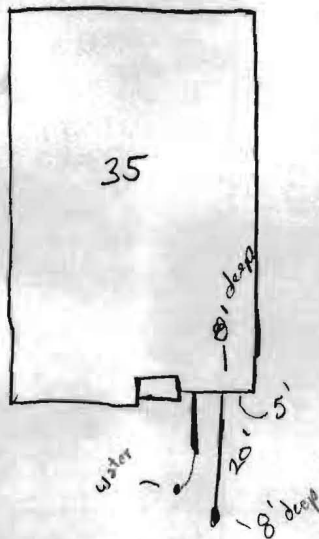
**PERMIT VOID AFTER 2 YEARS**

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**

1523643

NOT TO SCALE



Windsor Mass.

ROAD

**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 \_\_\_\_\_

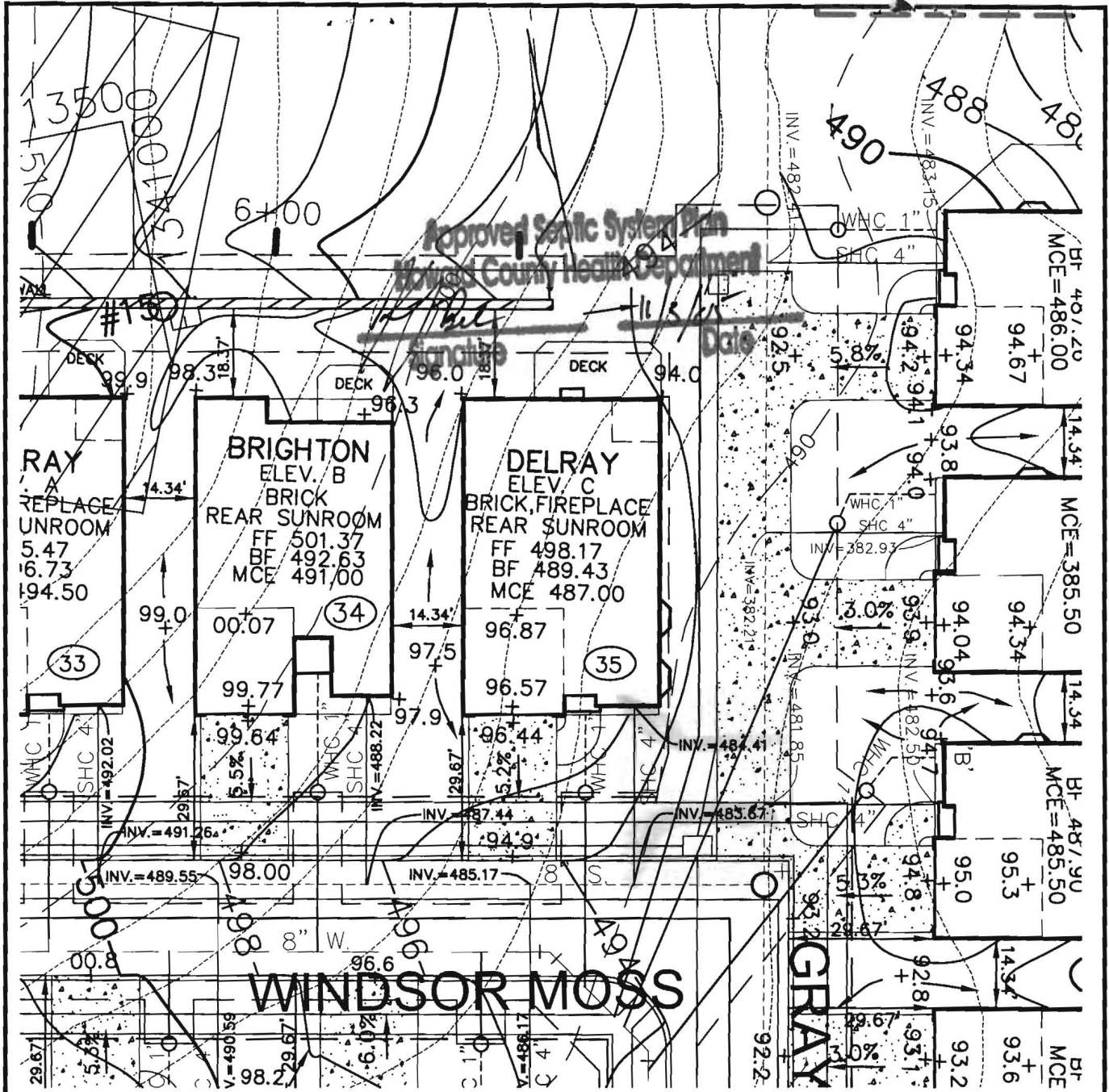
6" PORT LOC \_\_\_\_\_

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

PRE-CONSTRUCTION 11/28/05 OK to backfill House Connection. (GAC)

INSTALLATION \_\_\_\_\_

FINAL INSPECTOR Daniel A. Crighton DATE OF APPROVAL 11/28/05



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

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

**RYAN HOMES**  
**ELLCOTT MEADOWS**  
**UNIT 35**

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

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

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  
needed 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  
limitations 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-Built.

Performance of the facilities will not be undertaken until  
manuals 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

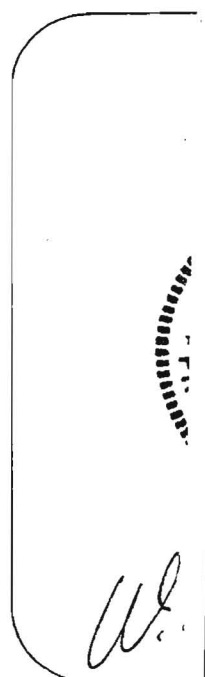
HOMELAND SENIOR CENTER  
147 UNITS TOTAL  
EACH UNIT CAN ONLY  
BE A TOTAL OF 2 BEDROOMS

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

Approved Septic System Plan  
Howard County Health Department

  
Signature 9-2-03  
Date

  
Signature 9/2/03  
Date





## 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*

12/30/2005

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

*SENT VIA FACSIMILE 410-796-7094 & 410-379-2430 & 410-531-9681*

RE: Homeland, Lot 35  
12115 Windsor Moss  
Ellicott City, MD 21043  
BP # B00156772  
**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 11/28/2005 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,



Kevin J. Bell, Sanitarian  
Well and Septic Program

cc: DILP, Building Inspectors Office  
File