

LAYOUT _____

INSP 1 8/4/05 INSP 3 _____

INSP 2 _____ INSP 4 _____

ISSUE DATE: 9/8/05

P 5 2 3 2 8 8 - A

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, Suite 130 PHONE NUMBER: 410-379-5956

SUBDIVISION Homeland Unit # 58

ADDRESS: 12001 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

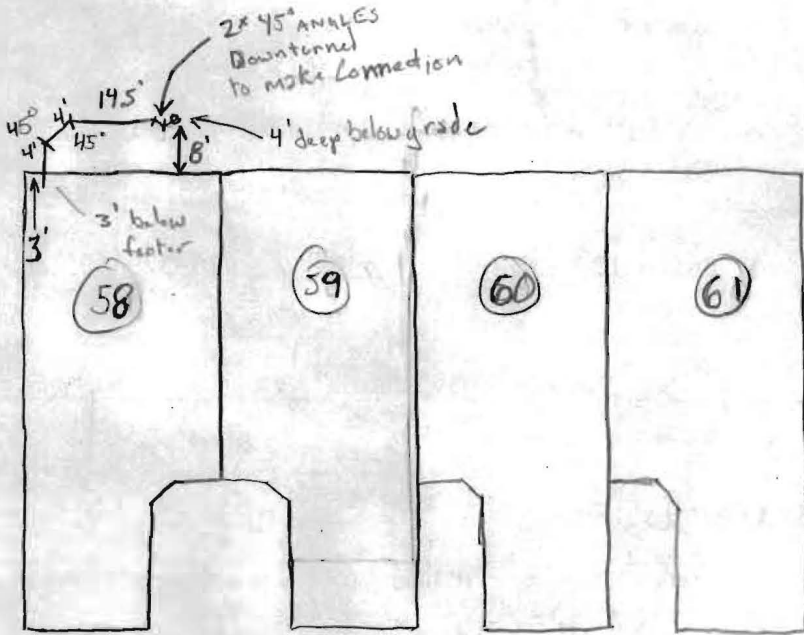
PERMIT VOID AFTER 2 YEARS

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-A

NOT TO SCALE



FRENCH/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 Sewer House Connection to shared septic system

Public water connection in front of house unit

INSTALLATION 8/4/05 Installation of House Connection OK Visually

Connection into main sewer line tap is sweep-y fill over

tap. ok to cover, Permit Not paid MAIN Concrete connection

Hold UNO for payment

FINAL INSPECTOR Edmund A. Cuyler

DATE OF APPROVAL 8/4/05



HOWARD COUNTY HEALTH DEPARTMENT

15 23288

DATE
9 / 8 / 2005

Received From NVR

PHONE # 410-379-5956

6085 Marshalee Drive, Ste 130, Elbridge MD 21075

For Septic Permits

CASH

CHECK

Homeland - lots 58 thru 61 on Grayton Run

NO.

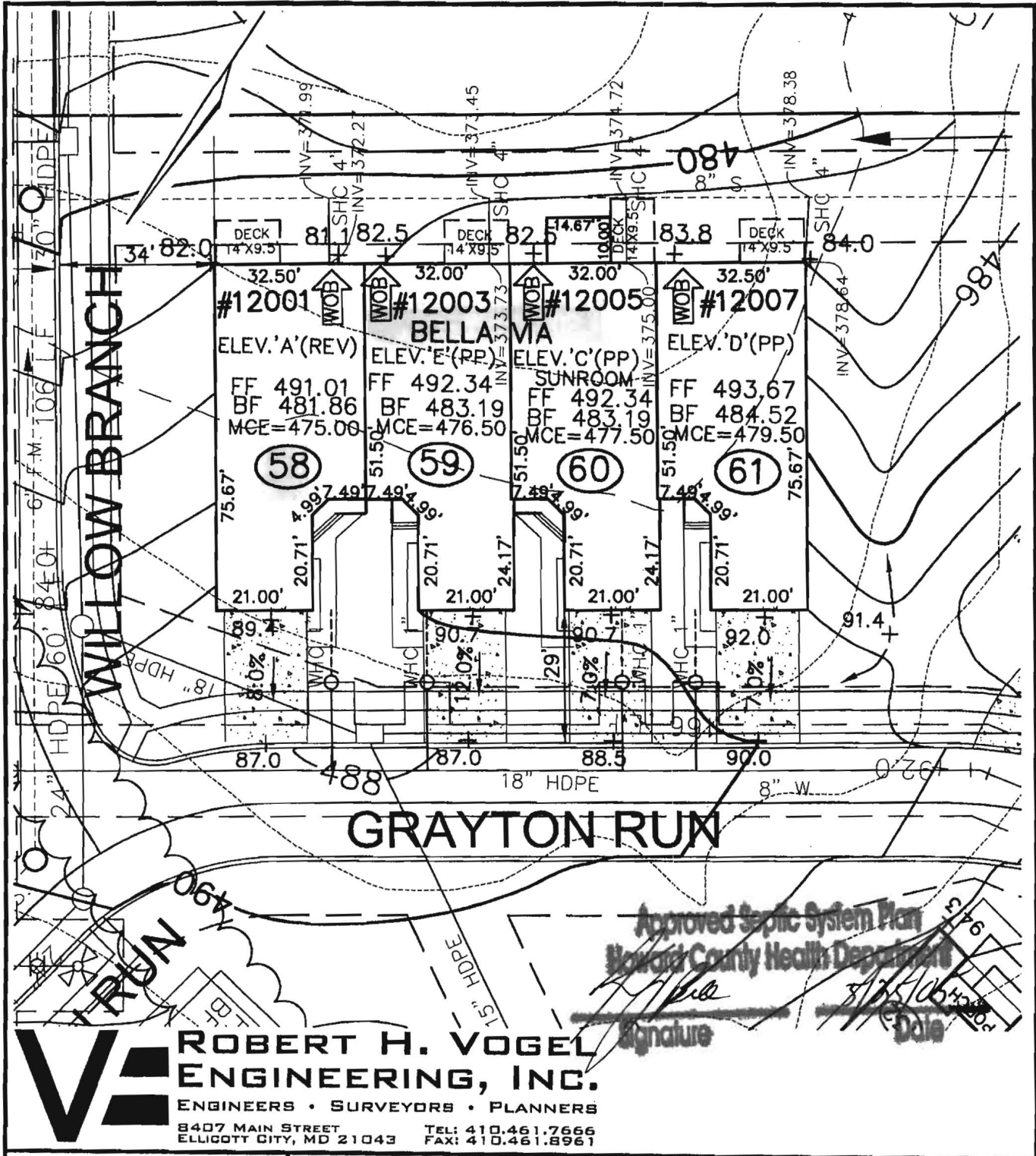
259351

One thousand ^{mill} five hundred eighty-four ⁰⁰/₁₀₀ Dollars

\$

1584 ⁰⁰/₁₀₀

Received By Mary L Briggs



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

B00153798

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
 noted 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

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

to Operator and/or Owner in understanding the
 operations of the equipment as well as to
 replace. 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.

Completion of the facilities will not be undertaken until
 all manuals have been submitted. Partial approvals.

NH ₃ -N	35	mg/L
Alkalinity (as CaCO ₃)	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
Effluent Characteristics		
BOD ₅ (20°C)	30	mg/L
Total Suspended Solids	30	mg/L
NH ₃ -N	1.0	mg/L
Total Nitrogen (N)	10.0	mg/l
Influent Pumping		
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

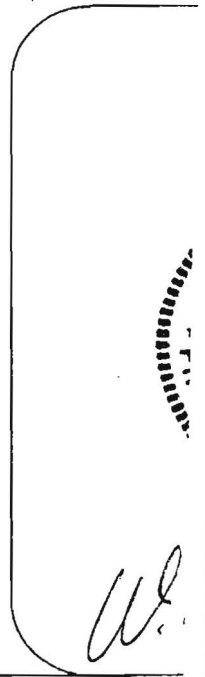
HOMELAND SENIOR CENTER
 147 UNITS TOTAL
 EACH UNIT CAN ONLY
 BE A TOTAL OF 2 BEDROOMS

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

Approved Septic System Plan
 Howard County Health Department

[Signature]
 Signature 9-2-03
 Date

Steven Roger Krieg
 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 58
12001 Grayton Run
Ellicott City, MD 21042
BP # B00153798
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

Brian Baker, R. S.
Well and Septic Program

cc: DILP, Building Inspectors Office
File