

LAYOUT _____

INSP 1 _____ INSP 3 _____

INSP 2 _____ INSP 5 _____

ISSUE DATE: 12/7/04

P 521606

APPROVAL DATE: 4/27/05

PERMIT SHARED SEPTIC SYSTEM

A _____

INDEXED

03343 650

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: 77

ADDRESS: 3032 Harbin Field PROPERTY OWNER: NVR., Inc t/a Ryan Homes

NUMBER OF BEDROOMS: 2

HOUSE SERVED BY PUBLIC WATER? NO

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

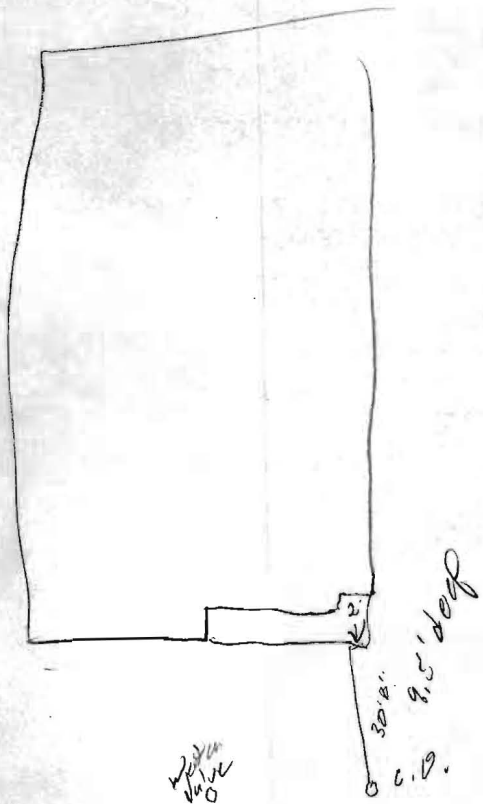
PERMIT VOID AFTER 2 YEARS

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

P 521606

NOT TO SCALE



Hamilton Rd 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 _____

INSTALLATION 3/11/05 - Sewer house conn covered.

Plumber to send ss built (SO)

4/25/05 - Received as built (SO)

FINAL INSPECTOR [Signature] DATE OF APPROVAL 4/27/05

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 Maintenance Manuals shall include all installation, operation, start-up and maintenance information included in the manuals shall consist of catalogs, parts lists, assembly drawings, wiring diagrams, approved working drawings for the Owner to establish an effective

and in 3-ring loose-leaf binders and indexed. Dimensions shall be as shown and placed in envelopes

Operator and/or Owner in understanding the operation of the equipment as well as to maintenance. 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 all documents 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 F

Dosing

PUBLIC WATER +
PRIVATE SHARED SEPTIC SYSTEM

SDP-03-030

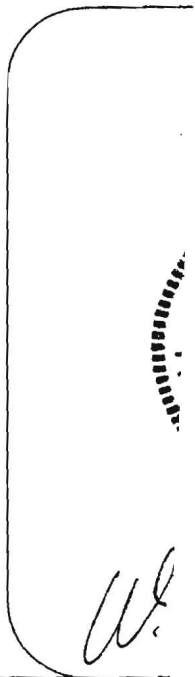
HOMELAND SENIOR CENTER
147 UNITS TOTAL
EACH UNIT CAN ONLY
BE A TOTAL OF 2 BEDROOMS

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

Approved Septic System Plan
Howard County Health Department

Robert [Signature] 9-2-03
Signature Date

Steven Roger King 9/2/03
Signature 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

4/27/2005

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

SENT VIA FACSIMILE 410-796-7094

RE: Homeland, Lot 77
3032 Harbin Field
Ellicott City, MD 21043
BP # B001~~52103~~ 151444
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 4/27/2005 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