

LAYOUT _____

INSP 1 _____ INSP 3 _____

INSP 2 _____ INSP 5 _____

ISSUE DATE: 6/7/2005

P 522513

APPROVAL DATE: 6/14/05

PERMIT SHARED SEPTIC SYSTEM

A 515326

INDEXED

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 PHONE NUMBER: 410-796-0980

SUBDIVISION Homeland LOT NUMBER: 89

ADDRESS: 11919 Hampstead Green PROPERTY OWNER: NVR, Inc. t/a Ryan Homes

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: 5/18/05

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.

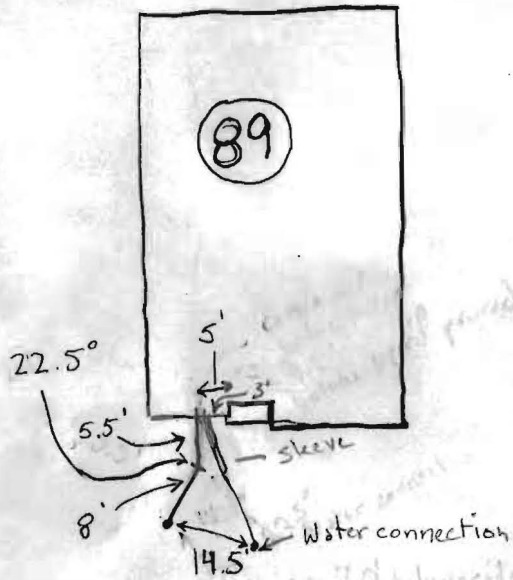
CALL 410-313-1771 FOR INSPECTION HOUSE CONNECTION

P 522513

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	_____



HAMPSTEAD GREEN ROAD

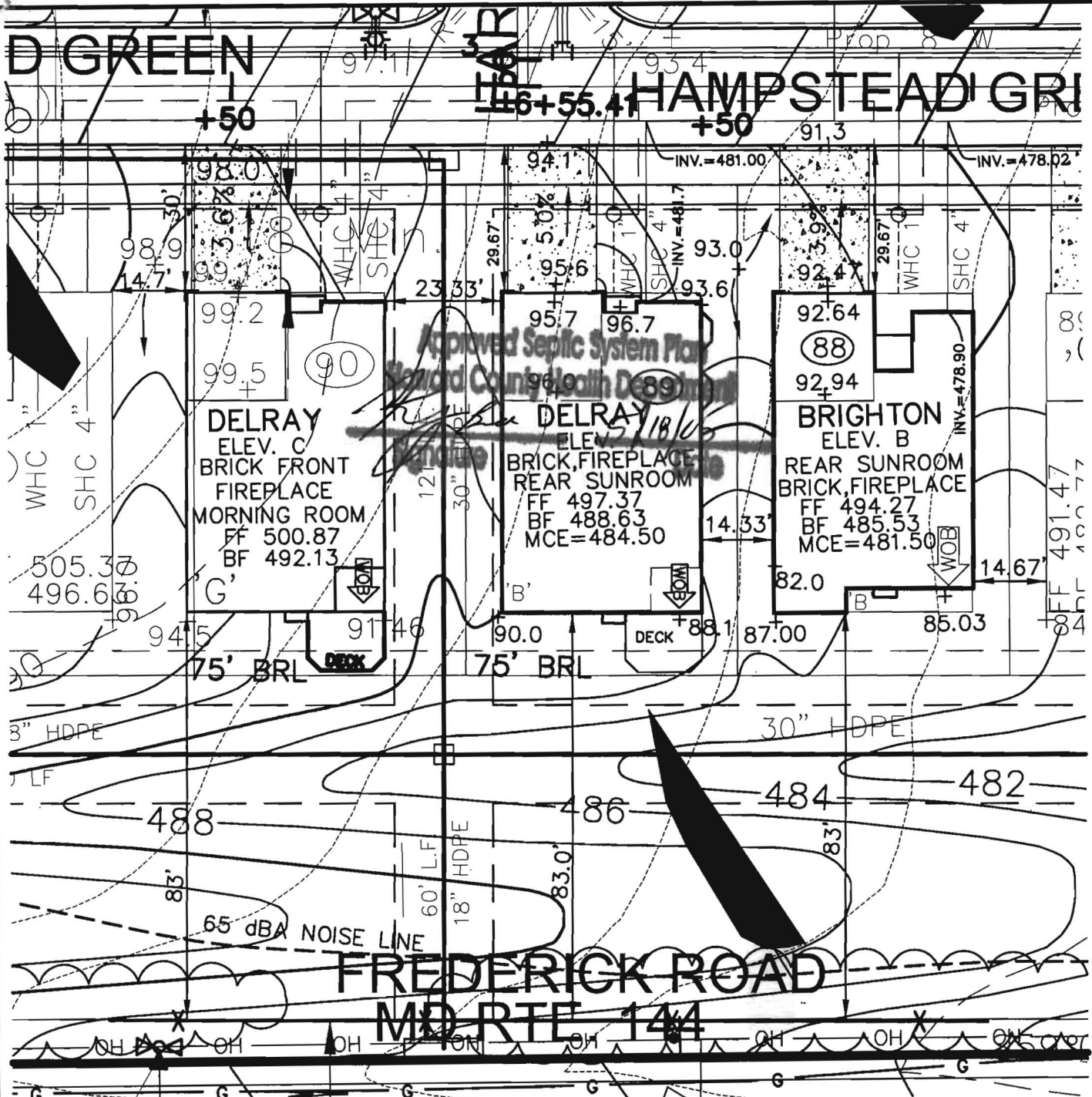
PRE-CONSTRUCTION _____

INSTALLATION Water 1 1/2" sch. 40 pvc sleeved over 1" copper

6/14/05 Sewer House connection comes out below footer; 9.5' below the top of the poured foundation. Checked fall w/ a level SHC has fall all the way. Tap into sewer main is ~ 7.0' below grade and is a 90 degree sweep Y. Water line is sleeved ~ 10' out from WHC.

FINAL INSPECTOR Samuel A. Ciccio

DATE OF APPROVAL 6/14/05



**ROBERT H. VOGEL
ENGINEERING, INC.**

ENGINEERS • SURVEYORS • PLANNERS

8407 MAIN STREET
ELLCOTT CITY, MD 21043

TEL: 410.461.7666
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

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

**RYAN HOMES
HOMELAND
UNIT 89**

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

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 and electrical systems and equipment include all installation, operation, start-up and ed 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 ance. Technical and maintenance information and electrical components shall be included but not limited to, Operation Responsibilities, ss Design Criteria, Operational Modifications, rponent Equipment O&M, System Equipment and As-Builts.

nce of the facilities will not be undertaken until nuals 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 P

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PUBLIC WATER +
PRIVATE SHARED SEPTIC
SYSTEM

HOMELAND SENIOR CENTER
147 UNITS TOTAL

SDP-03-030

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
Signature Date

Steven Roger King 9/2/03
Signature Date

W.



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

06/23/2005

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

SENT VIA FACSIMILE 410-796-7094

RE: Homeland, Lot 89
11919 Hampstead Green
Ellicott City, MD 21043
BP # B00153677
PUBLIC WATER

Dear Sirs or Madam:

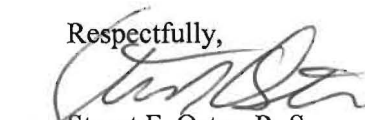
This is to advise that the connection from the house to the street has been installed and inspected for the referenced property. A Community Septic System serves this dwelling. **Final approval was granted on 06/14/2005 by HCHD for the house connection.**

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