

LAYOUT 0

INSP 1 8/8/05 INSP 3 _____

INSP 2 _____ INSP 4 _____

ISSUE DATE: 8/8/05

APPROVAL DATE: 8/9/05

PERMIT INDEXED

P 523086

A _____

COMMUNITY SEPTIC SYSTEM HOUSE SEWER LINE CONNECTION

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

NVR IS PERMITTED TO INSTALL ALTER

ADDRESS: _____ PHONE NUMBER: _____

SUBDIVISION Homeland Unit # 124

ADDRESS: 12086 Windsor Moss 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: 7/5/05

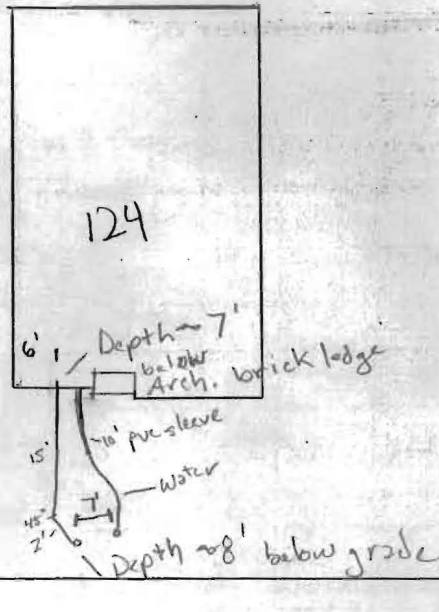
PERMIT VOID AFTER 2 YEARS

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

P 523 086

NOT TO SCALE



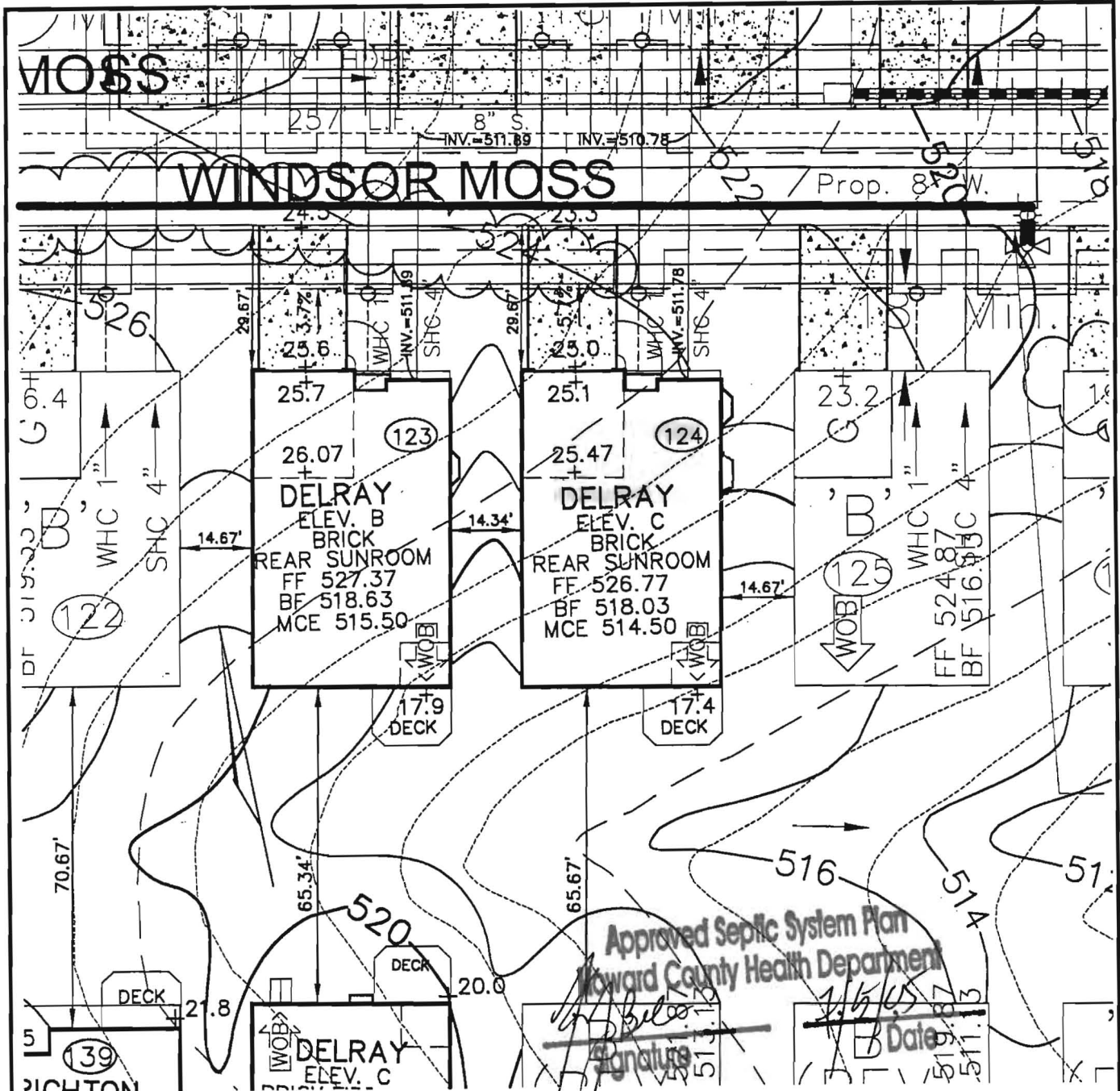
TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
_____	_____	_____
NUMBER OF TRENCHES _____		
TOTAL LENGTH _____		
ABSORPTION AREA _____		
DISTRIBUTION BOX LEVEL _____		
DISTRIBUTION BOX BAFFLE _____		
DISTRIBUTION BOX PORT _____		

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 House Connection to shared septic main 8" sewer

INSTALLATION line - ^{el/els} Visually OK. OK to cover. (GAC)

FINAL INSPECTOR G. Creighton DATE OF APPROVAL 8/8/2005



Approved Septic System Plan
Howard County Health Department

[Signature]
Signature

1/6/05
Date

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

NOTE:
ALL DIMENSION ARE FROM
ARCHITECTURAL BRICK LEDGE.

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

**RYAN HOMES
ELLICOTT MEADOWS
UNIT 124**

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

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



HOWARD COUNTY HEALTH DEPARTMENT

23086

8 / 18 / 05
DATE

P5

Received From NVR Ryan Homes NV Homes

PHONE # 410 776-0980

NVR Building Products For Ryan Homes

For Sophic Permaid

12086 Windsor Moss lot 124

Home land

CASH

CHECK

NO.

232051

Three hundred twenty six Dollars

\$ 326 | 00

Received By [Signature]

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
 and 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
 operations 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
 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)

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

Randy [Signature] 9-2-03
 Signature Date

Steven Roger King 9/2/03
 Signature Date

