

Bureau of Environmental Health  
 7178 Gateway Drive Columbia, MD 21046  
 (410) 313-2640 Fax (410) 313-2648  
 TDD (410) 313-2323 Toll Free 1-866-313-6300  
 website: www.hchealth.org

Maura J. Rossman, M.D., Health Officer

RECEIPT DATE: 5/2/13

**ONSITE SEWAGE DISPOSAL SYSTEM**

P 545054

INSTALLATION APPROVAL DATE: 7/17/13

**PERMIT CONSTRUCTION**

A 541571

PROPERTY ADDRESS: 14331 Howard Road

14331 Howard Rd

SUBDIVISION: Warfield Estates LOT: 4 TAX ID: 05-412609

CONTRACTOR: \_\_\_\_\_ EMAIL: \_\_\_\_\_

CONTRACTOR ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

PROPERTY OWNER: NVR. Inc. EMAIL: \_\_\_\_\_

OWNER ADDRESS: 9720 Patuxent Woods Drive, Columbia, MD 21046 PHONE: 410-750-9050

BAT UNIT MODEL: Hoot BAT UNIT SIZE: H600

PUMP CHAMBER CAPACITY (GALLONS): \_\_\_\_\_ PUMP SIZE: \_\_\_\_\_

NUMBER OF BEDROOMS: 4 HOUSE SQ. FT. +3900 APPLICATION RATE: 0.8

DISTRIBUTION SYSTEM: GRAVITY FED  LOW PRESSURE DOSED

P S C C TRENCHES:	LINEAR FEET REQUIRED: <u>125 150'</u>	INLET DEPTH: <u>3.5 3</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>6.5 6</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>9</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>3.5</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND <u>BAT UNIT</u> LOCATION MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Set septic tank per layout inspection. Set distribution box per layout inspection. <u>3 x 50'</u> Install 125 feet of trench on contour. *	

ISSUED BY: Dana Bernard ISSUE DATE: 5-30-14 EXPIRATION DATE: 12-17-18

- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADIENT FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.  
 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.  
 CALL 410-313-1771 TO SCHEDULE INSPECTIONS.**

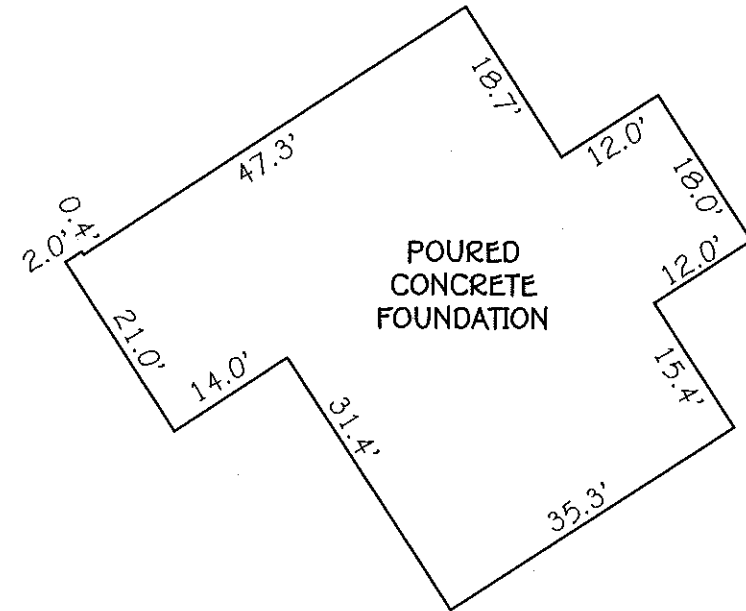


**GENERAL NOTES:**

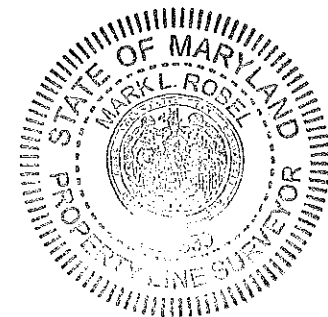
- 1) THIS LOCATION DRAWING IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR REFINANCING OF THE PROPERTY SHOWN HEREON. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS LOCATION DRAWING IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS LOCATION DRAWING DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING FOR RE-FINANCING.
- 2) SUBJECT PROPERTY IS SHOWN IN ZONE C ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 2400440020B EFFECTIVE DEC. 4, 1986.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF PLUS OR MINUS 1.0'(+)
- 4) NO TITLE REPORT FURNISHED. SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY AND CONDITIONS OF RECORD.
- 5) THE EXISTING WELL(S) SHOWN ON THIS PLAN (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER HO-95-0153) HAS BEEN FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.
- 6) BUILDING PERMIT #B-13000400

Private Use-In-Common Access Easement Across Lots 1-4 K&D Stables And Lots 2, 3 & 4 of Warfield Brothers For The Use And Benefit Of K&D Stables Lots 1-4 And Warfield Brothers Lots 2 & 3. Maintenance Agreement Recorded Among The Land Records Of Howard County, Maryland In Liber 10053, Folio 321.

*Wall Check OK  
DB  
5-30-13*



DETAIL:  
1" = 20'



*Mark L. Roebel* 4/30/13  
PROFESSIONAL LAND SURVEYOR DATE  
REG. # 339

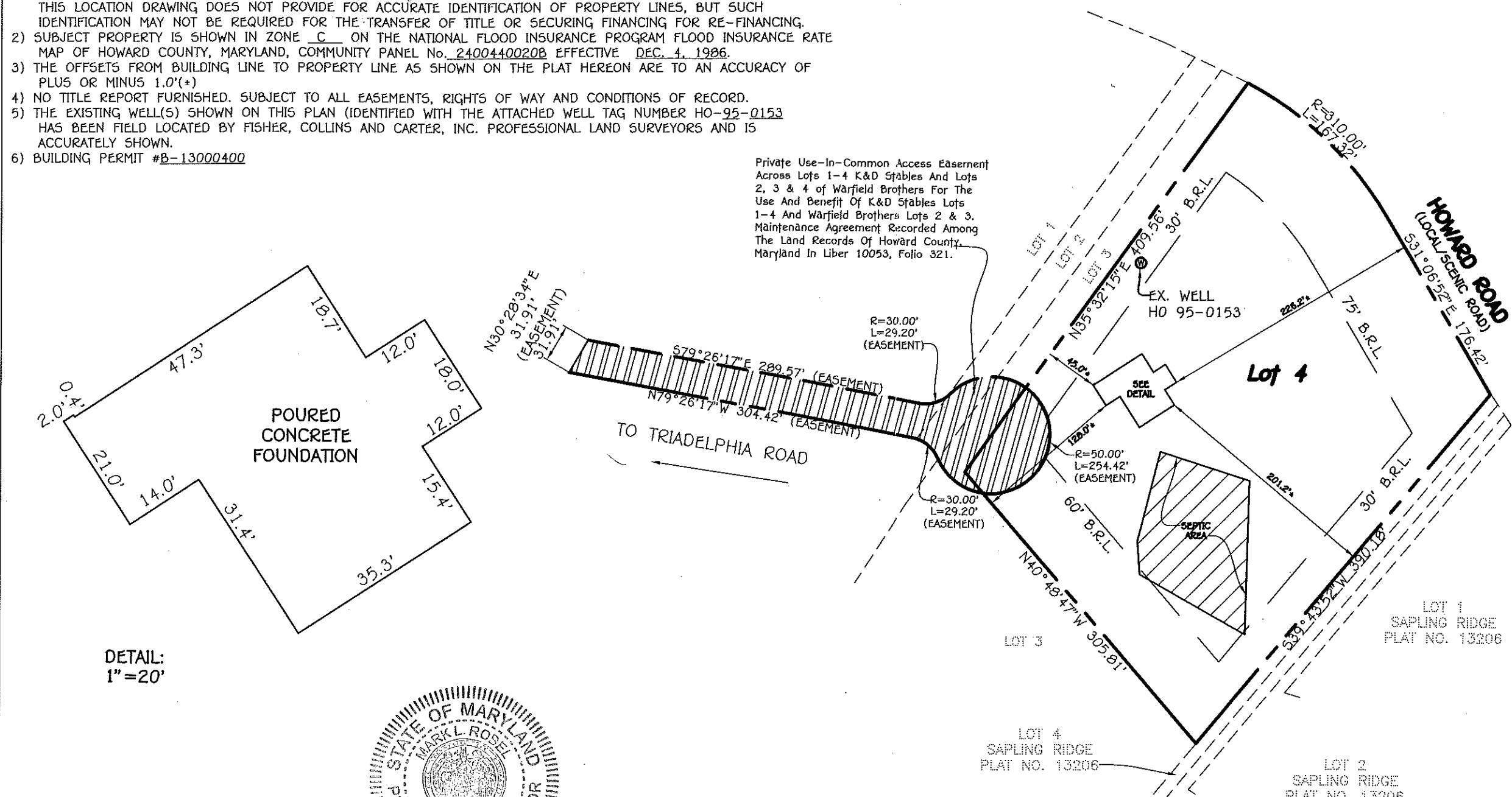
REVISION PLAT  
LOT 4  
K&D STABLES  
LOTS 1 THRU 4  
FIFTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
PLAT #18454

#14341 HOWARD ROAD  
B.R.L. = BUILDING RESTRICTION LINE  
TOP OF FOUNDATION ELEV. = 527.1'±

**HOUSE LOCATION DRAWING**

FOUNDATION LOCATION: 4/26/13  
FINAL LOCATION: \_\_\_\_\_  
BOUNDARY SURVEY: \_\_\_\_\_

SCALE: 1" = 100'  
DATE: 4/30/13  
DRAWN BY: JMP  
CHECKED BY: MLR  
PROJECT No.: 05100-6001



89-35

K + D STABLES

A 41571

SUBDIVISION:

HOWARD RD

LOT NUMBER: 4

DRY WELL OR DRY WELL AND TRENCH

\_\_\_\_\_ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet \_\_\_\_\_ feet below original grade.

Bottom maximum depth \_\_\_\_\_ feet below original grade.

Effective area begins at \_\_\_\_\_ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with \_\_\_\_\_ feet of stone below distribution pipe.

TRENCHES

200 sq. ft./bedroom

Trench to be 2 wide.

Inlet 3 1/2 feet below original grade.

Bottom maximum depth 7 1/2 feet below original grade.

Effective area begins at 3 1/2 feet below original grade.

4 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
  - (2) If more than one trench used, a distribution box is required.
  - (3) Trenches to be installed on level ground.
  - (4) Call for inspection of trench before gravel is installed.
  - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
  - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: START THE FIRST TRENCH 140' FROM  
THE REAR LOT LINE AND 145' FROM THE RIGHT LOT LINE  
AS SEEN WHEN FACING THE PROPERTY FROM HOWARD RD.  
RUN TRENCHES ALONG CONTOUR TOWARD REAR OF LOT.

3/23/90 Cullera