

DEPT. OF INSPECTIONS, LICENSES AND PERMITS 3430 COURT HOUSE DRIVE ELLICOTT CITY, MD 21043 PERMITS (410) 313-2455 INSPECTIONS (410) 313-1810 AUTOMATED INFORMATION (410) 313-3800		HOWARD COUNTY PERMIT APPLICATION		PERMIT NUMBER B10000 914	
Building Address 1722 Underwood Rd Sykesville MD 21784			Property Owner's Name Vladimir Dorosheuk		
Suite/Apt. #: _____ SDP/WP/Petition #: _____			Address 1722 Underwood Rd		
Census Tract _____ Subdivision _____			City Sykesville State MD Zip Code 21784		
Section _____ Area _____ Lot _____			Home Phone 410-555-5500 Work Phone 410-555-5500		
Tax Map _____ Parcel _____ Grid _____			Applicant's Name & Mailing Address, (if other than stated herein):		
Zoning _____ Map Coordinates _____ Lot Size _____			Phone _____ Fax _____		
Existing Use Residential			Contractor Company self		
Proposed Use Residential			Contact Person _____		
Estimated Construction Cost \$ 5,000			Address _____		
Description of Work Put in work on existing concrete porch and extend it 18' x 22' x 8' - 10'			City _____ State _____ Zip Code _____		
Occupant or Tenant _____			License No. _____		
Contact Name Vladimir Dorosheuk			Phone _____ Fax _____		
Address same address			Engineer or Architect Company self (Loyes) S/W		
City _____ State _____ Zip Code _____			Contact Person _____		
Phone _____ Fax _____			Address _____		
City _____ State _____ Zip Code _____			City _____ State _____ Zip Code _____		
Phone _____ Fax _____			Phone _____ Fax _____		

BUILDING DESCRIPTION - COMMERCIAL				BUILDING DESCRIPTION - RESIDENTIAL			
Building Characteristics		Utilities		Building Characteristics		Utilities	
Height: _____		Water Supply: _____ Public _____ Private _____		SF Dwelling <input checked="" type="checkbox"/> SF Townhouse <input type="checkbox"/>		Water Supply: _____ Public _____ Private <input checked="" type="checkbox"/>	
No. of stories: _____		Sewage Disposal: _____ Public _____ Private _____		Depth _____ Width _____ 1st floor: 55' x 45' 2nd floor: 55' x 45' Basement: 35' x 45'		Sewage Disposal: _____ Public _____ Private <input checked="" type="checkbox"/>	
Gross area, sq. ft. per floor: _____		Electric Yes <input type="checkbox"/> No <input type="checkbox"/> Gas Yes <input type="checkbox"/> No <input type="checkbox"/>		Finished Basement <input checked="" type="checkbox"/> Unfinished Basement <input type="checkbox"/> Crawl space <input type="checkbox"/> Slab on Grade <input type="checkbox"/>		Electric Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas Yes <input type="checkbox"/> No <input type="checkbox"/>	
Use group: _____		Heating System: _____ Electric <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input type="checkbox"/>		No. of Bedrooms _____		Heating System: _____ Electric <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input checked="" type="checkbox"/>	
Construction type: _____ Reinforced Concrete <input checked="" type="checkbox"/> Structural Steel _____ Masonry _____ Wood Frame _____ State Certified Modular _____		Sprinkler system: N/A <input type="checkbox"/> Full _____ Partial _____ Other Suppression _____ # of Heads _____		Multi-family dwellings: _____ No. of efficiency units: _____ No. of 1 BR units: _____ No. of 2 BR units: _____ No. of 3 BR units: _____		Sprinkler system: N/A <input checked="" type="checkbox"/> NFPA #13D _____ NFPA #13R _____ Other: _____	
				Other Structure: _____ Dimensions: _____ Footings: _____ Roof: _____			
				State Certified Modular _____ Manufactured Home _____			

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature Vladimir Dorosheuk Print Name Vladimir Dorosheuk  
Email Address ddroshe@qmail.com  
Title/Company \_\_\_\_\_ Date 7/13/10

Checks payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

\*\*PLEASE WRITE NEATLY AND LEGIBLY.\*\*

- FOR OFFICE USE ONLY -

AGENCY	DATE	SIGNATURE	APPROVAL	DPZ SETBACK INFORMATION	PROPERTY ID #
Land Development, DPZ				Front: _____	Filing fee \$ _____
State Highways				Rear: _____	Permit fee \$ _____
Building Officials				Side: _____	Excise tax \$ _____
Dev. Engineering, DPZ				Side St.: _____	Add'l per fee \$ _____
Health 5-5-10		Dana Beard		All minimum setbacks met?	TOTAL FEES \$ _____
Fire Protection				YES <input type="checkbox"/> NO <input type="checkbox"/>	Sub-total paid \$ _____
Is Sediment Control approval required prior to issuance?				Is Entrance Permit Required?	Balance due \$ _____
YES <input type="checkbox"/> NO <input type="checkbox"/>				YES <input type="checkbox"/> NO <input type="checkbox"/>	Check # _____
CONTINGENCY CONSTRUCTION START: <input type="checkbox"/>				Historic District?	Validation # _____
ONE STOP SHOP: <input type="checkbox"/>				YES <input type="checkbox"/> NO <input type="checkbox"/>	
				Lot Coverage for New Town Zone	
				SDP/Red-line approval date _____	Accepted by _____

Distribution of Copies

White: Building Officials

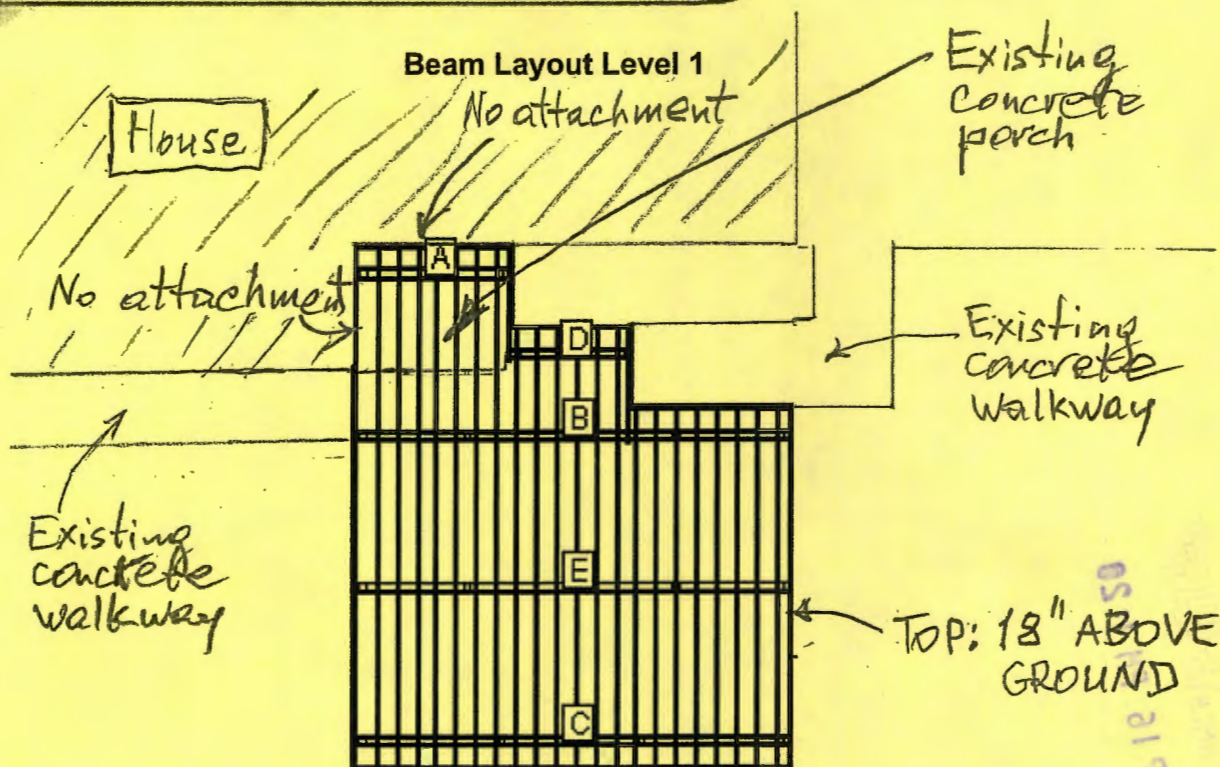
Green: LDD, DPZ

Yellow: DED, DPZ

Pink: Health

Gold: SHA

T:\Operations\Updated forms



BEAM LABEL	BEAM LENGTH	POST COUNT	POST SPACING
A	7' 10 1/4"	2 LAYING ON PORCH	6' 10 3/4"
B	21' 10 1/4"	5	5' 2 3/4"
C	21' 10 1/4"	4	6' 11 1/2"
D	6' 1 1/2"	2 STANDING ON CONCRETE WALKWAY	5' 2 3/4"
E	21' 10 1/4"	5	5' 2 3/4"

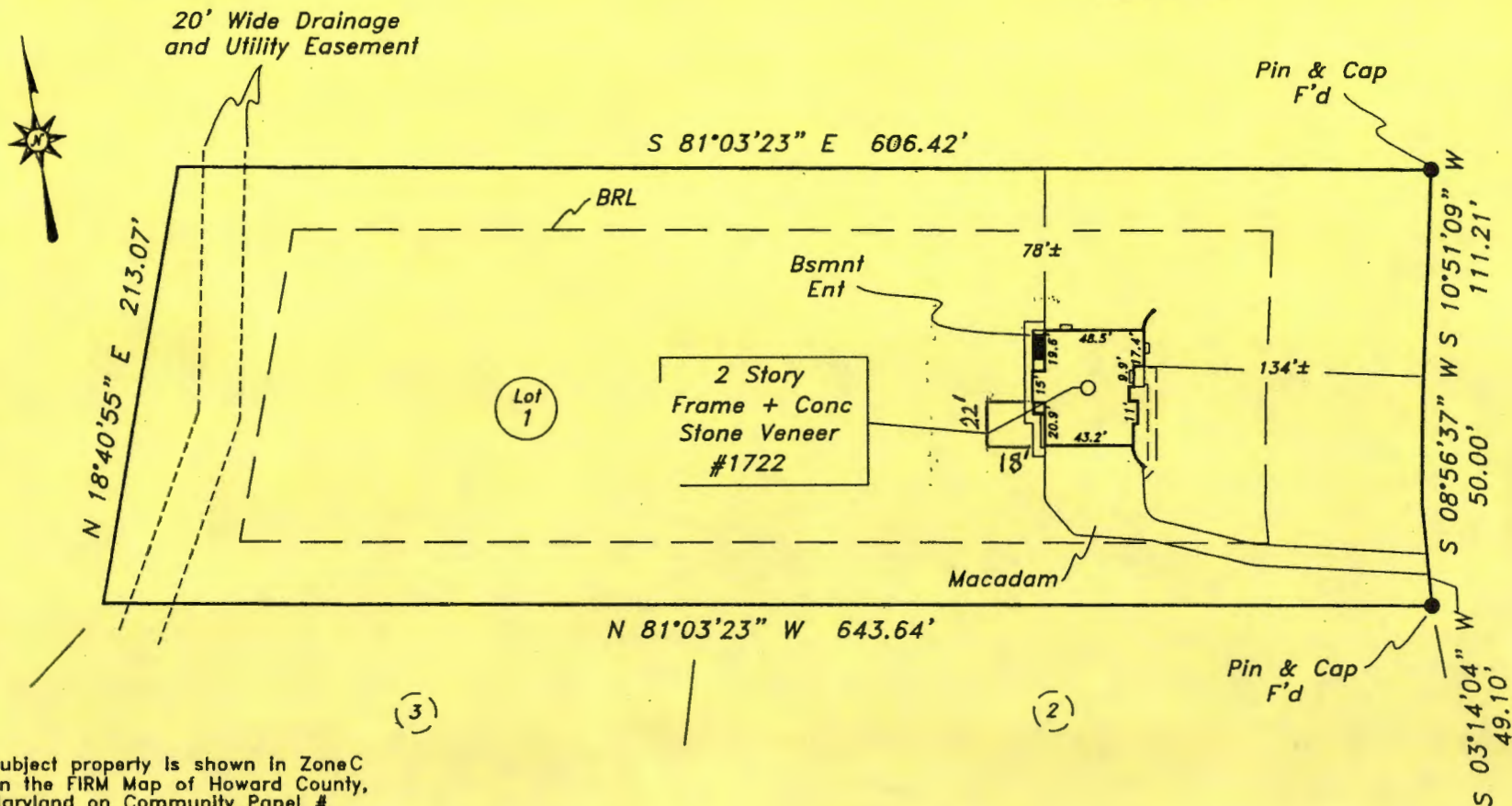
NOTES:

- 1) B.R.L. Information, if shown, was obtained from existing record plat or local agencies and is not guaranteed by NTT, Inc.
- 2) Building line and/or Flood Zone Information is subject to the interpretation of the originator.
- 3) NTT, Inc. does not certify to unshown or unrecorded encroachments or overlaps.
- 4) Property markers NOT found, or guaranteed by this location.
- 5) Setback distance accuracy: 1' ±

Building Restriction Lines:

Front.....75'  
Sides.....30'  
Rear.....60'

Underwood Road



Subject property is shown in Zone C on the FIRM Map of Howard County, Maryland on Community Panel # 240044 0009B. Effective 12-4-86

This is to certify that I have surveyed the property shown hereon, being known as Lot 1, Final Plat PIPES PROPERTY and recorded among the land records of Howard County, Maryland in Plat 10034 folio for the purpose of locating the improvements thereon.

- \* This plat is of benefit to the consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing, or refinancing purposes.
- \* This plat is not to be relied upon for the establishment of location of fences, garages, buildings, or other existing or future structures.
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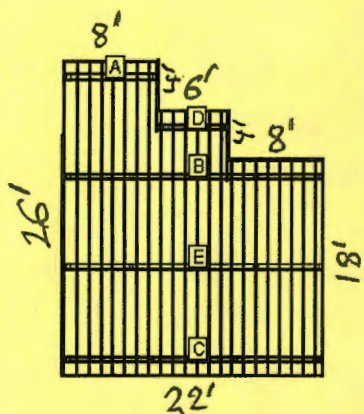
LOCATION DRAWING  
1722 Underwood Road  
Howard County, Maryland

Election District No. 3

NTT Associates, Inc.  
16205 Old Frederick Road  
Mt. Airy, Maryland 21771  
Ph. (410)442-2031  
Fax No. (410)442-1315

Scale: 1"= 80 '  
Date: 3-19-07  
Field By: Don  
Drawn By: Don  
Drawing # 62050M

## Permit Page: Level 1



### LOAD AND SUPPORT:

Your deck will support a 46 PSF live load.  
Posts have 30" below ground support.

### DECK AND POST HEIGHT:

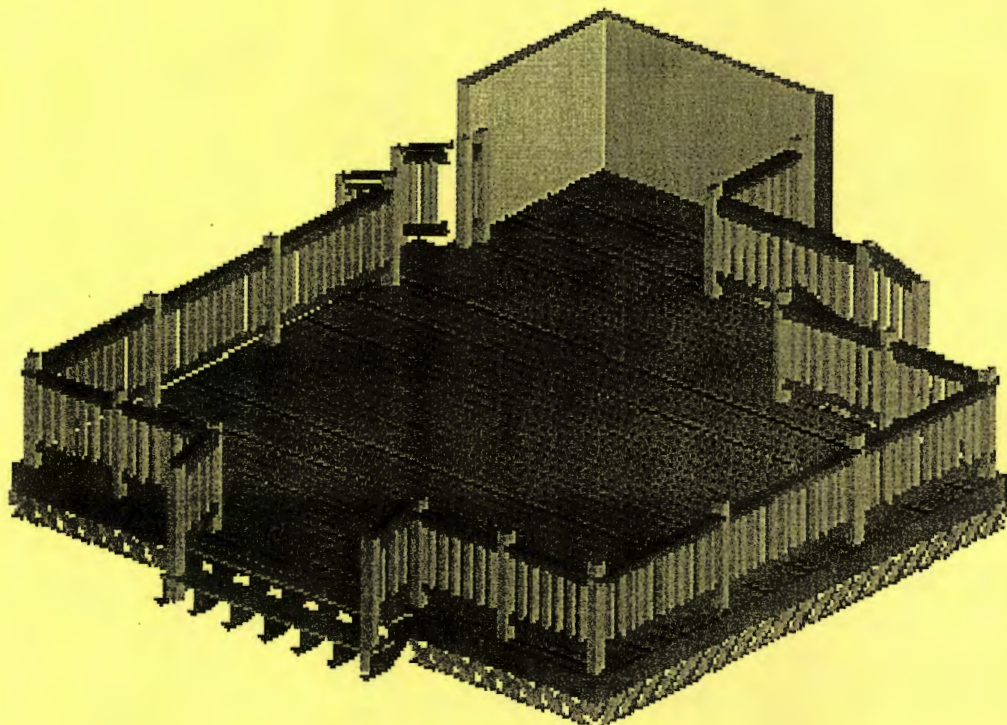
You selected a height of 18" from the top of the decking to the ground level. The top of the deck support posts will therefore be 11.25" above ground level.

### Joists:

Set joists on top of beams, 12"; center to center.

## Stress Analysis: Level 1

Component	PSF
Joist Deflection	131
Joist Bending	55
Joist Shear	93
Joist Compression	227
Beam Deflection	56
Beam Bending	56
Beam Shear	58
Bolt Shear	118
Post Stability	179



05:11 PM 2/11/2010

**Lowe's Deck Design**

Print this document and take it to your local Lowe's.  
One of our associates will help you find the materials you need.

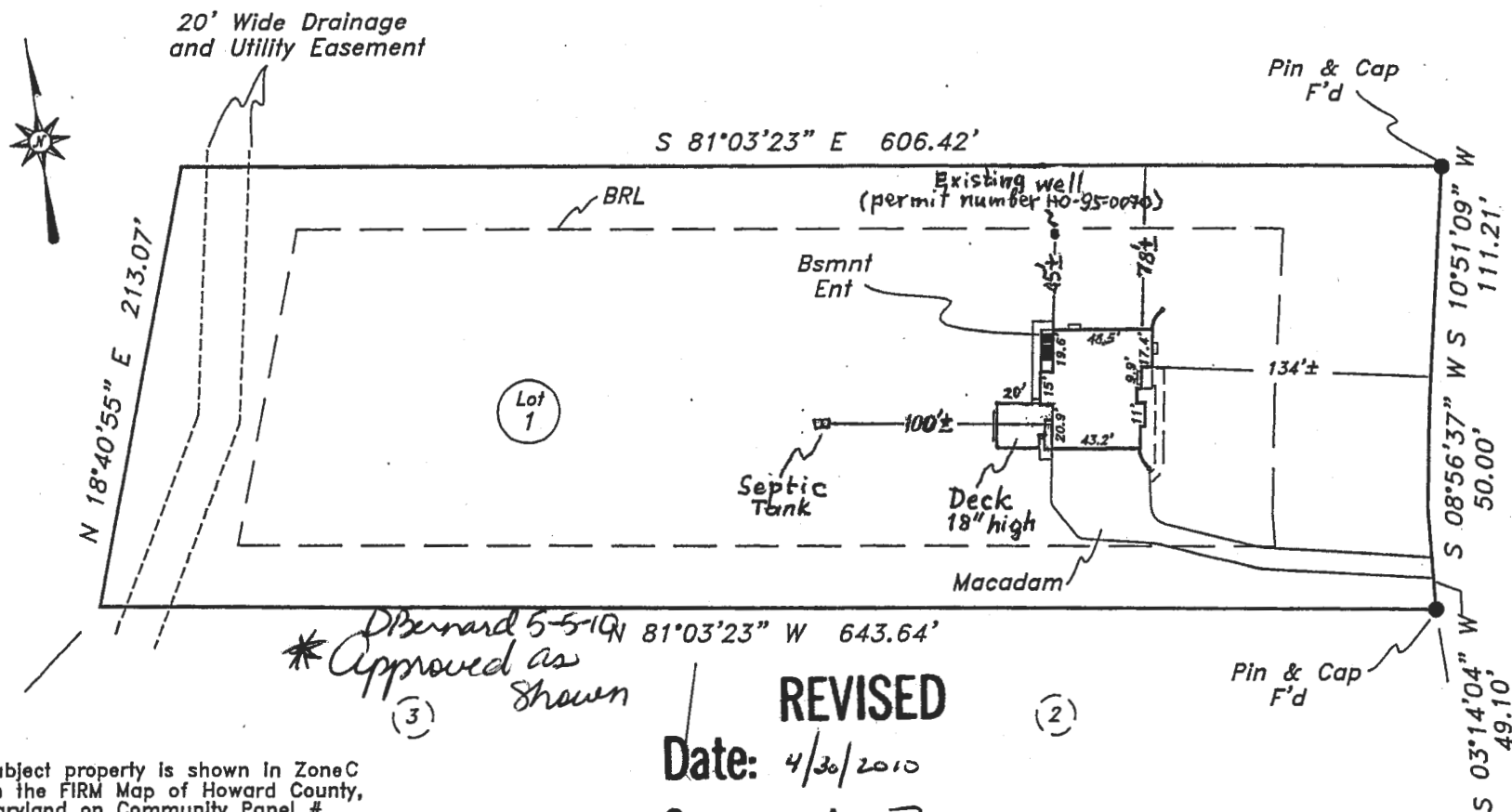
Vladimir Doroshenko  
1722 Underwood Rd  
Sykesville MD 21784

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Front.....75'  
Sides.....30'  
Rear.....60'



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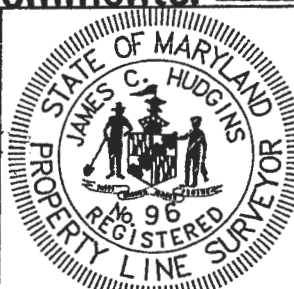
**REVISED**

Date: 4/30/2010

Comments: B10000914

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J. Carl Hudgins  
Property Line Surveyor #96

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Howard County, Maryland  
Election District No. 3

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16205 Old Frederick Road  
Mt. Airy, Maryland 21771  
Ph. (410)442-2031  
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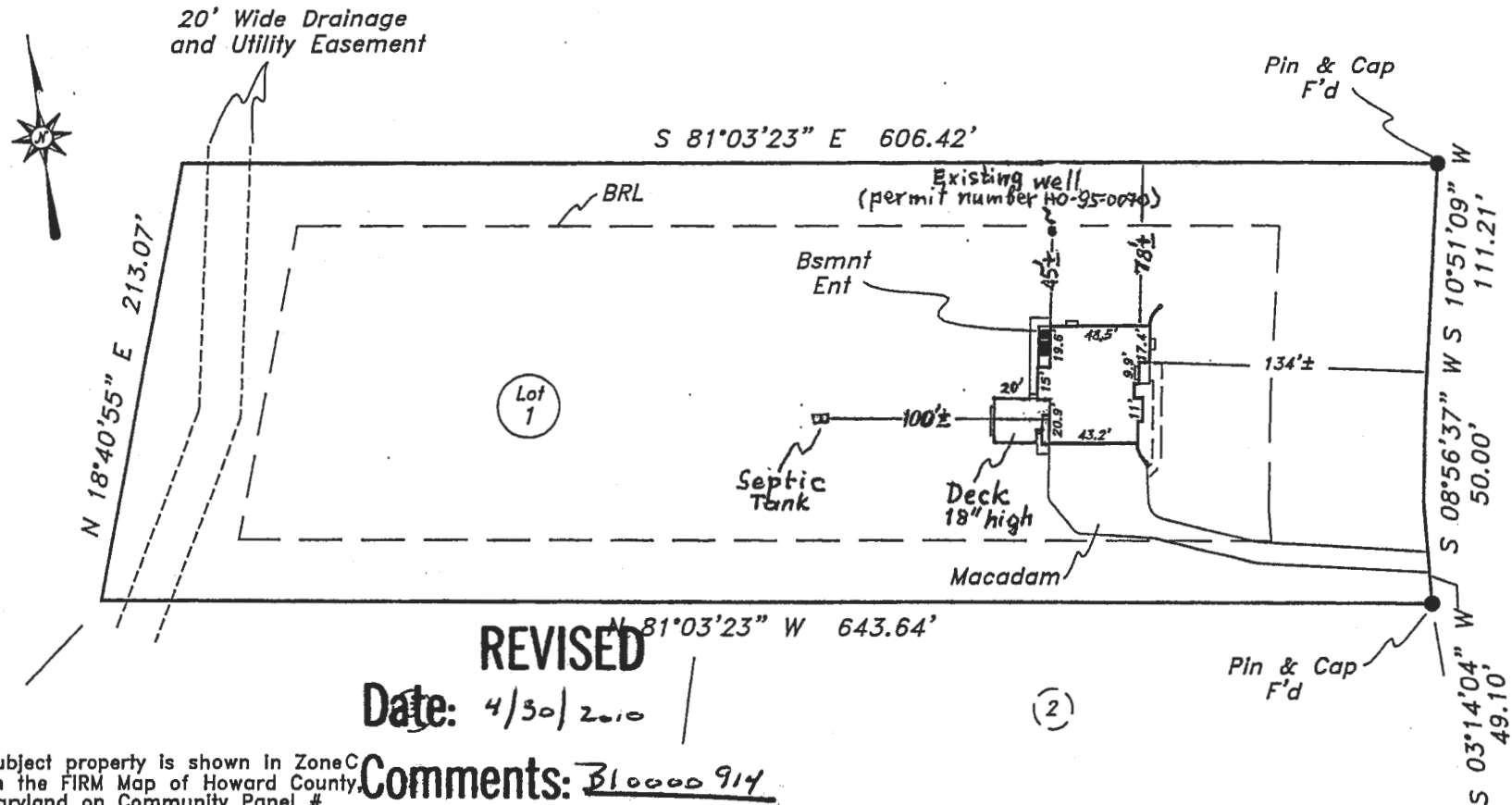
Scale: 1" = 80'  
Date: 3-19-07  
Field By: Don  
Drawn By: Don  
Drawing # 62050M

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**Building Restriction Lines:**

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Sides.....30'  
Rear.....60'



**REVISED**

**Date:** 4/30/2010

(2)

Subject property is shown in Zone C on the FIRM Map of Howard County, Maryland on Community Panel # 240044 0009B. Effective 12-4-86 1722 Underwood Rd

**Comments:** 310000 914

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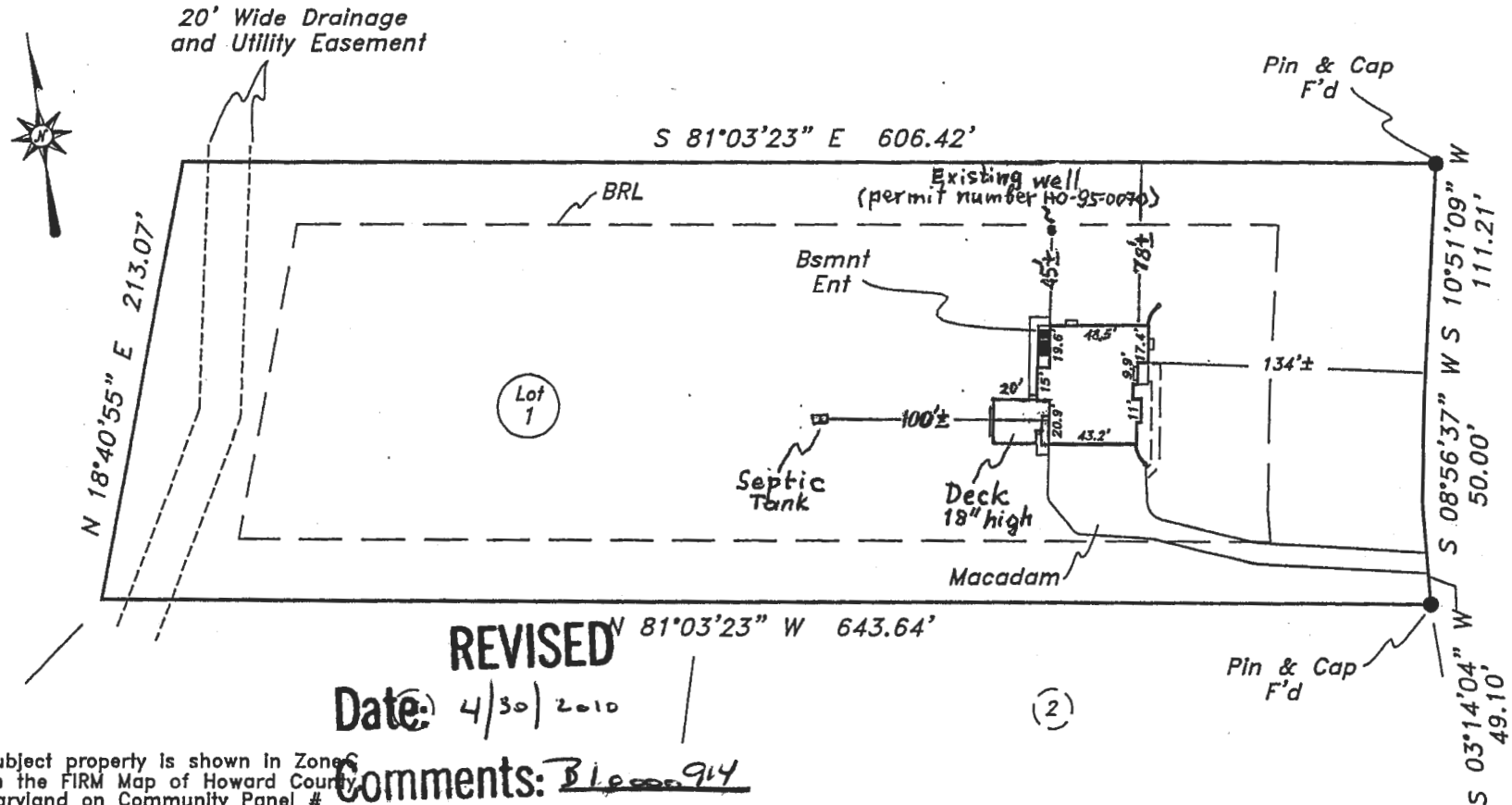
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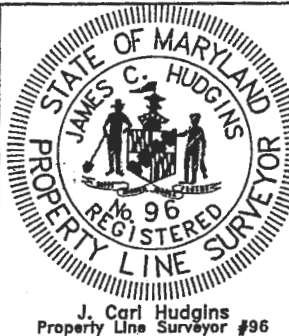


Underwood Road

Subject property is shown in Zone 6 on the FIRM Map of Howard County, Maryland on Community Panel # 240044 0009B.Effective 12-4-86

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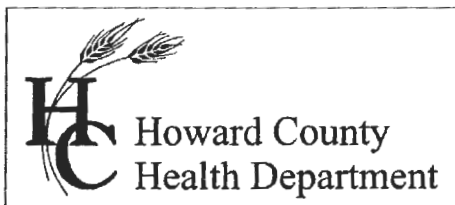
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Scale: 1"= 80 '  
Date: 3-19-07  
Field By: Don  
Drawn By: Don  
Drawing # 62050M



7178 Columbia Gateway Drive, Columbia MD 21046  
Phone (410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
Website: [www.hchealth.org](http://www.hchealth.org)

**Peter L. Beilenson, M.D., M.P.H., Health Officer**

April 20, 2010

RE: **Building Permit # B10000914**  
**1722 Underwood Road**  
**Building Site Plan**

Mr. Doroshenko:

Prior to building permit approval, an approved Building Plan is required. Further review is contingent upon submission of a Building Plan showing the following:

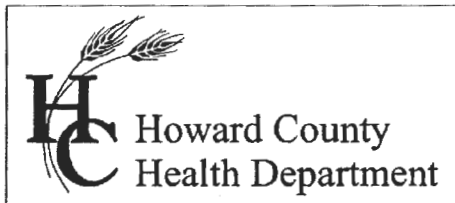
- Well location and setbacks required are 30 feet from new foundation and 100 feet from septic tank, system and easement, and 10 feet from driveways. Well tag numbers for existing wells must be included.
- Plan should be drawn to a reasonable scale between 1:30 and 1:100 and noted on plan.
- Show the exact location of existing structures, wells, septic easements, septic reserve areas, and other septic system components such as septic tank, dry wells and distribution boxes.
- Show proposed structure on plan.

Your building permit will be placed "on hold" until all Health Dept. requirements are met. If you have any questions or correspondence, I can be reached at the above address or by telephone at (410) 313-2775.

Respectfully,

*Dana L. Bernard*  
Dana L. Bernard, Sanitarian  
Bureau of Environmental Health  
Well and Septic Program  
Phone (410) 313-2775  
E-mail: [DBernard@howardcountymd.gov](mailto:DBernard@howardcountymd.gov)

cc: Well & Septic program file



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Respectfully,

Dana L. Bernard, Sanitarian  
Bureau of Environmental Health

Well and Septic Program

Phone (410) 313-2775

E-mail: [DBernard@howardcountymd.gov](mailto:DBernard@howardcountymd.gov)

cc: Well & Septic program file

**COMPLETE THIS FORM WHEN DROPPING OFF ANY  
CORRESPONDENCE AND/OR PLANS TO THE HOWARD COUNTY  
DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS COUNTER:**

Date: 4/30/10  
To: Dana Bernard, Bureau of Env. Health  
(Person's Name and Division)  
From: Vladimir Doroshenko (410) 489-5025  
(Your Name, Company Name and Telephone Number)  
Subject: Project name deck addition  
Project site address 1722 Underwood Rd, Sykesville MD 21784  
Permit Number B10000914 SDP # \_\_\_\_\_  
Other information pertinent to this project \_\_\_\_\_

☒ Please check the attachments below that you are submitting with this transmittal:

- ☐ Letter of response to Howard County plan review code letter  
☒ Revised plans and/or revised details: When submitting for a complete re-review, **duplicate sets shall be submitted.**  
☐ Structural steel certification  
☐ Energy conservation calculations  
☐ Certification for \_\_\_\_\_ (be specific).  
☐ Copies of \_\_\_\_\_ (be specific).  
☐ Two sets of single family dwelling model plans to be placed on permanent file: Model name and/or # \_\_\_\_\_  
☐ Other \_\_\_\_\_

Is there anyone else that should be contacted regarding this project if there are questions?

If so, please list that person's name and telephone number below:

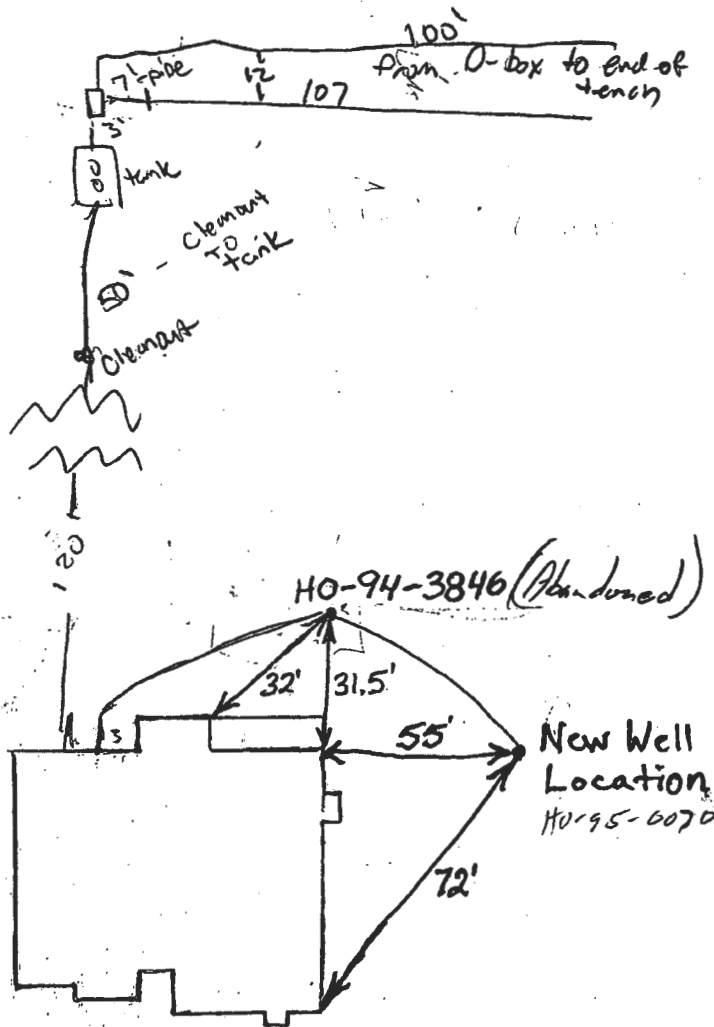
Dana Bernard (\_\_\_\_\_) \_\_\_\_\_  
(Person's name) (Telephone number)

**PLEASE ASSURE ALL DOCUMENTS AND/OR REVISIONS ARE APPROPRIATELY SIGNED AND SEALED, IF NECESSARY, BY A LICENSED ARCHITECT OR ENGINEER. PLEASE BE ADVISED THAT INSUFFICIENT INFORMATION MAY RESULT IN THE DELAY OF REVIEW BY THE PLANS EXAMINER. THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS WILL CONTACT YOU IF THERE IS A PROBLEM. IN ADDITION, ONCE THE BUILDING PERMIT IS APPROVED BY THE PLAN REVIEW DIVISION AND ALL OTHER REQUIRED SIGNATORY AGENCIES, AND THE BUILDING PERMIT IS READY FOR ISSUANCE, THE PERMIT DIVISION WILL NOTIFY THE APPROPRIATE CONTACT PERSON FOR PERMIT PICK UP. ALL PERMIT STATUS INQUIRIES SHALL BE DIRECTED TO THE PERMIT DIVISION AT 410-313-2455. CODE RELATED QUESTIONS AND PLAN REVIEW INQUIRIES SHALL BE DIRECTED TO THE PLAN REVIEW DIVISION AT 410-313-2436. PLEASE ALLOW A MINIMUM OF FIVE (5) WORKING DAYS FOR ANY PLAN SUBMITTALS TO BE REVIEWED. THANK YOU.**

Received by [Signature]

white: Plan Review Division  
yellow: Applicant  
pink: Permit Division

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	6"
NUMBER OF TRENCHES		2
TOTAL LENGTH		207'
ABSORPTION AREA		621 #
DISTRIBUTION BOX LEVEL		✓
DISTRIBUTION BOX BAFFLE		✓
DISTRIBUTION BOX PORT		✓

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL ✓	
CAPACITY	1500 GAL
SEAM LOC	T&D
TANK LID DEPTH	1'
BAFFLES	✓
BAFFLE FILTER	✓
MANHOLE LOC	cont near
6" PORT LOC	
WATERTIGHT TEST	NA
<del>SEPTIC TANK 2 LEVEL</del>	
<del>CAPACITY</del>	<del></del> GAL
<del>SEAM LOC</del>	<del></del>
<del>TANK LID DEPTH</del>	<del></del>
<del>BAFFLES</del>	<del></del>
<del>BAFFLE FILTER</del>	<del></del>
<del>MANHOLE LOC</del>	<del></del>
<del>6" PORT LOC</del>	<del></del>
<del>WATERTIGHT TEST</del>	<del></del>

PRE-CONSTRUCTION 2/15/05 Septic easement staked. Contour similar to plans. To install 2 - 100' trenches. O.K. to install  
 INSTALLATION trenches to avoid 2 very large trees near the top of the easement. Maintain 100' separation from the well with the tank and trenches. To use a 1500 gallon 2-compartment top seam tank (BB) 2/17/05 Spoke with installer and went over trench and tank specs. and placement. (BB) Well loc OK.  
 OK to cover tank. trench 1. OK to cover everything installed to plan.  
 (240-674-2553)

BUILDING PERMITS DIVISION  
 AND RETURNED

FINAL INSPECTOR Mike J. Jr

DATE OF APPROVAL 2/19/05



Howard County  
Health Department

7178 Columbia Gateway Drive, Columbia MD 21046

Phone (410) 313-2640

Fax (410) 313-2648

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**Peter L. Beilenson, M.D., M.P.H., Health Officer**

April 20, 2010

RE: **Building Permit # B10000914**  
**1722 Underwood Road**  
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Respectfully,

*Dana L. Bernard*

Dana L. Bernard, Sanitarian

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E-mail: [DBernard@howardcountymd.gov](mailto:DBernard@howardcountymd.gov)

cc: Well & Septic program file

LAYOUT 2/15/05 INSP 4 \_\_\_\_\_  
INSP 2 \_\_\_\_\_ INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 02/14/2005

APPROVAL DATE: 2/19/05

P 521990

A 46642

**PERMIT  
INDEXED**

*TAP ID # 03-317129*

**ON-SITE SEWAGE DISPOSAL SYSTEM  
HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MD 21043**

Mercer Custom Homes, LLC IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: 13787 Rover Mill Rd, W. Friendship PHONE NUMBER: 410-489-5438

SUBDIVISION: Pipes Property LOT NUMBER: 1

ADDRESS: 1722 Underwood Road PROPERTY OWNER: Michael Mercer

SEPTIC TANK CAPACITY (GALLONS): 1500 ~~1000~~ OUTLET BAFFLE FILTER REQUIRED ☐

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED ☒

NUMBER OF BEDROOMS: 4 *2-Comp.*

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 175 HOUSE SERVED BY PUBLIC WATER ☐

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box exactly 105' from the well at the left front corner of the staked SDA. Run (2) trenches on contour to right side of lot.
NOTES:	Install the tank exactly 100' from the well, and with 18-36" cover. Contractor encouraged to extend trenches to 100' each for maximum use and efficiency. <i>Inline cleanout required between house and tank.</i>

PLANS APPROVED: MER DATE: 7/19/04

NOTES: PERMIT VOID AFTER 2 YEARS  
CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS  
WATERTIGHT SEPTIC TANKS REQUIRED  
ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED  
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED  
CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

**NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS  
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM  
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT  
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

**BUILDING PERMITS SIGNED** *ANY REQUEST FOR INSPECTION ON VOICEMAIL*

**AND RETURNED**

*2-7-05 600 150068-46 LP TANK*

*446642*