

HOWARD COUNTY PERMIT APPLICATION

PERMIT NUMBER
B07000756

Building Address 13833 Lakeside Dr
Clarksville MD 21029

Suite/Apt. #: _____ SDP/WP/Petition #: _____

Census Tract _____ Subdivision _____

Section _____ Area _____ Lot _____

Tax Map _____ Parcel _____ Grid _____

Zoning _____ Map Coordinates _____ Lot size _____

Property Owner's Name JOE & ROCHELLE LONG

Address 13833 LAKESIDE DRIVE

City CLARKSVILLE State MD Zip Code 21028

Home Phone 410-854-0312 Work Phone 410-3827

Applicant's Name & Mailing Address, (if other than stated hereon): _____

Phone 410-854-0312 Fax 410-319-9529

Existing Use Single Family Dwelling

Proposed Use Single Family Dwelling

Estimated Construction Cost \$ 500,000.00

Description of Work Minor interior renovation
Deck Removal / Sundeck addition
Kitchen / Bath / coat room addition

Contractor Company WHEATLEY ASSOCIATES

Contact Person CAROL WHEATLEY

Address 16928 YORK ROAD

City MONKTON State MD Zip Code 21111

License No. 11470

Phone 410-329-2500 Fax 410-359-4777

Occupant or Tenant JOE & ROCHELLE LONG

Contact Name ROCHELLE LONG

Address 13833 LAKESIDE DRIVE

City CLARKSVILLE State MD Zip Code 21028

Phone 410-854-0312 Fax 410-319-9529

Engineer or Architect Company MARK MODLEY ARCHITECTURE

Contact Person MARK MODLEY

Address 112 WEST CHASE STREET

City BALTIMORE State MD Zip Code 21201

Phone 410-385-8590 Fax 410-727-4620

BUILDING DESCRIPTION - COMMERCIAL

BUILDING DESCRIPTION - RESIDENTIAL

Building Characteristics	Utilities
Height: _____	Water Supply: _____ Public <input type="checkbox"/> Private <input type="checkbox"/>
No. of stories: _____	Sewage Disposal: _____ Public <input type="checkbox"/> Private <input type="checkbox"/>
Gross area, sq. ft. per floor: _____	Electric Yes <input type="checkbox"/> No <input type="checkbox"/>
Use group: _____	Gas Yes <input type="checkbox"/> No <input type="checkbox"/>
Construction type: _____ Reinforced Concrete <input type="checkbox"/> Structural Steel <input type="checkbox"/> Masonry <input type="checkbox"/> Wood Frame <input type="checkbox"/> State Certified Modular <input type="checkbox"/>	Heating System: _____ Electric <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input type="checkbox"/>
	Sprinkler system: <u>N/A</u> <input type="checkbox"/> Full <input type="checkbox"/> Partial <input type="checkbox"/> Other Suppression <input type="checkbox"/> # of Heads _____

Building Characteristics	Utilities
SF Dwelling <input checked="" type="checkbox"/> SF Townhouse <input type="checkbox"/>	Water Supply: _____ Public <input type="checkbox"/> Private <input type="checkbox"/>
1st floor: _____ Depth _____ Width _____	Sewage Disposal: _____ Public <input type="checkbox"/> Private <input checked="" type="checkbox"/>
2nd floor: _____	Electric Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Basement: _____	Gas Yes <input type="checkbox"/> No <input type="checkbox"/>
Finished Basement <input checked="" type="checkbox"/> Unfinished Basement <input type="checkbox"/>	Heating System: _____ Electric <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input checked="" type="checkbox"/>
Crawl space <input checked="" type="checkbox"/> Slab on Grade <input type="checkbox"/>	Sprinkler system: <u>N/A</u> <input type="checkbox"/> NFPA #13D <input type="checkbox"/> NFPA #13R <input type="checkbox"/> Other: _____
No. of Bedrooms <u>4</u>	
Height: _____	
Multi-family dwellings: _____ No. of efficiency units: _____ No. of 1 BR units: _____ No. of 2 BR units: _____ No. of 3 BR units: _____	
Other Structure: _____	
Dimensions: _____	
Footings: _____	
Roof Height: _____	
State Certified Modular <input type="checkbox"/>	
Manufactured Home <input type="checkbox"/>	

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.

[Signature]
Applicant's Signature
JOE & ROCHELLE LONG
Title/Company

ROD BEEBORN
Print Name
3/13/07
Date

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#
<input checked="" type="checkbox"/> Land Development DPZ			Front: _____	Filing fee \$ <u>25.00</u>
<input checked="" type="checkbox"/> State Highway			Rear: _____	Permit fee \$ _____
<input checked="" type="checkbox"/> Building Office			Side: _____	Broken fee \$ _____
<input checked="" type="checkbox"/> Dev. Engineering DPZ	<u>4/23/2007</u>	<u>[Signature]</u>	Side St: _____	Add'l per. fee \$ _____
<input checked="" type="checkbox"/> Health			All minimum setbacks met? YES <input type="checkbox"/> NO <input type="checkbox"/>	TOTAL FEES \$ _____
<input type="checkbox"/> Fire Protection			Is Entrance Permit required? YES <input type="checkbox"/> NO <input type="checkbox"/>	Subtotal paid \$ _____
<input type="checkbox"/> In Submittal Council approval required prior to issuance?			Historic District? YES <input type="checkbox"/> NO <input type="checkbox"/>	Balance due \$ _____
YES <input type="checkbox"/> NO <input type="checkbox"/>			Historic District? YES <input type="checkbox"/> NO <input type="checkbox"/>	Check \$ <u>272</u>
CONTINGENCY CONSTRUCTION START: <input type="checkbox"/>			LD Coverage for New Town Zone _____	Validation \$ _____
ONE STOP SHOP: <input type="checkbox"/>			SDP/Red line approval date _____	Accepted by <u>[Signature]</u>
Distribution of Copies: _____	Public Building Official _____	Green: LDD, DPZ _____	Yellow: DED, DPZ _____	Public Health _____
T: 410-311-1111				Gold: SHA _____

MR. & MRS. LONG
13833 LAKESIDE DRIVE
CLARKSVILLE, MARYLAND 21029

5th ELECTION DISTRICT
ZONING CLASSIFICATION
LOT AREA ±3.984 ACRES.

30' DRAINAGE &
UTILITY EASEMENT

S 26° 04' 53" W 832.36'

N 13° 42' 46" E 397.89'

30' BRL

30' BRL

250' BRL

SEPTIC
CLEAN OUT

EXISTING
SCREENED PORCH
TO BE REMOVED

NEW
WOODEN
DECK

NEW (2) STORY
ADDITION

EXISTING
(2) STORY
DWELLING

NEW CIRCULAR MACADAM DRIVEWAY.
PROVIDE CULVERT PIPE AND FILL @
EXISTING SWALE. DRIVEWAY TO BE
12' TO 15' WIDE AND APPROX. 60'
OUTSIDE DIAMETER. FINAL LAYOUT
TO BE FIELD VERIFIED.

N 13° 28' 18" W 325.74'

EXISTING MACADAM
DRIVEWAY

APPROVED

WALK-THRU BUILDING PERMIT
BP# 807060756 (A# 3351511)
APP. SAN (SFD) GRC DATE: 4/23/07
DESC. OF WORK: 2000 Gal Sep Tank
w/ 4' base to support addition

S 13° 18' 00" W 133.79'

N 13° 15' 00" E 140.49'

R=50.00

1

SITE PLAN

Scale: 1" = 50 ft



B-07000756

DEPARTMENT 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 307004237
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Building Address <u>13833 Lakeside Drive</u> <u>Charlottesville, MD 21029</u>	Property Owner's Name <u>Joseph & Rachelle Lang</u> Address <u>13833 Lakeside Drive</u> City <u>Charlottesville</u> State <u>MD</u> Zip Code <u>21029</u>
Suite/Apt. #: _____ SDP/WP/Petition #: _____ Census Tract _____ Subdivision _____ Section _____ Area _____ Lot _____ Tax Map _____ Parcel _____ Grid _____ Zoning _____ Map Coordinates _____ Lot size _____	Home Phone _____ Work Phone _____ Applicant's Name & Mailing Address, (if other than stated hereon): <u>SAME AS CONTRACTOR</u>

Existing Use <u>SFO</u> Proposed Use <u>SFO W/ TANK</u> Estimated Construction Cost \$ <u>1000.00</u> Description of Work <u>Install 1000 gallon tank and run line to home</u>	Contractor Company <u>United Propane</u> Contact Person <u>Bobby Perry</u> Address <u>12145 Highway 101</u> City <u>Charlottesville</u> State <u>MD</u> Zip Code <u>21029</u> License No. _____ Phone _____ Fax _____
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Occupant or Tenant <u>N/A</u> Contact Name _____ Address _____ City _____ State _____ Zip Code _____ Phone _____ Fax _____	Engineer or Architect Company <u>N/A</u> Contact Person _____ Address _____ City _____ State _____ Zip Code _____ Phone _____ Fax _____
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BUILDING DESCRIPTION - COMMERCIAL		BUILDING DESCRIPTION - RESIDENTIAL	
Building Characteristics Height: _____ No. of stories: _____ Gross area, sq. ft. per floor: _____ Use group: _____ Construction type: <input type="checkbox"/> Reinforced Concrete <input type="checkbox"/> Structural Steel <input type="checkbox"/> Masonry <input type="checkbox"/> Wood Frame <input type="checkbox"/> State Certified Modular	Utilities Water Supply: <input type="checkbox"/> Public <input type="checkbox"/> Private Sewage Disposal: <input type="checkbox"/> Public <input type="checkbox"/> Private Electric Yes <input type="checkbox"/> No <input type="checkbox"/> Gas Yes <input type="checkbox"/> No <input type="checkbox"/> Heating System: Electric <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input type="checkbox"/> Sprinkler system: <u>N/A</u> <input type="checkbox"/> <input type="checkbox"/> Full <input type="checkbox"/> Partial <input type="checkbox"/> Other Suppression <input type="checkbox"/> # of Heads _____	Building Characteristics SF Dwelling <input checked="" type="checkbox"/> SF Townhouse <input type="checkbox"/> Depth _____ Width _____ 1st floor: _____ 2nd floor: _____ Basement: _____ Finished Basement <input type="checkbox"/> Unfinished Basement <input type="checkbox"/> Crawl space <input type="checkbox"/> Slab on Grade <input type="checkbox"/> No. of Bedrooms _____ Multi-family dwellings: No. of efficiency units: _____ No. of 1 BR units: _____ No. of 2 BR units: _____ No. of 3 BR units: _____ Other Structure: _____ Dimensions: _____ Footings: _____ Roof: _____ <input type="checkbox"/> State Certified Modular <input type="checkbox"/> Manufactured Home	Utilities Water Supply: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private Sewage Disposal: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private Electric Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Heating System: Electric <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input checked="" type="checkbox"/> Sprinkler system: <u>N/A</u> <input type="checkbox"/> <input type="checkbox"/> NFPA #13D <input type="checkbox"/> NFPA #13R <input type="checkbox"/> Other: _____

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<u>Bobby Perry</u> Applicant's Signature	<u>Bobby Perry</u> Print Name
<u>United Propane</u> Title/Company	<u>12/16/07</u> Date

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 \$ <u>100</u>
Building Official			Side: _____	Excise tax \$ _____
Dev. Engineering, DPZ			Side St: _____	Add'l per. fee \$ <u>10</u>
Health	<u>10/24/07</u>	<u>[Signature]</u>	All minimum setbacks met? YES <input type="checkbox"/> NO <input type="checkbox"/>	TOTAL FEES \$ <u>110</u>
Fire Protection			Is Entrance Permit required? YES <input type="checkbox"/> NO <input type="checkbox"/>	Sub-total paid \$ <u>110</u>
Is Sediment Control approval required prior to issuance? YES <input type="checkbox"/> NO <input type="checkbox"/>			Historic District? YES <input type="checkbox"/> NO <input type="checkbox"/>	Balance due \$ <u>110</u>
CONTINGENCY CONSTRUCTION START: <input type="checkbox"/>			Lot Coverage for NewTown Zone _____	Check # <u>Cash</u>
ONE STOP SHOP: <input type="checkbox"/>			SDP/Red-line approval date _____	Validation # _____
				Accepted by _____

Distribution of Copies- White: Building Official Green: LDD, DPZ Yellow: DED, DPZ Pink: Health Gold: SHA

INSTALLATION OF UNDERGROUND LP-GAS SYSTEMS, UNDER 2000 USWG

Prepared by
NATIONAL PROPANE GAS ASSOCIATION
1600 Eisenhower Lane, Suite 100
Lisle, Illinois 60532
Phone: 708/515-0600

Printed in U.S.A.

The purpose of this bulletin is to set forth general safety practices for the installation, operation, and maintenance of LP gas equipment. It is not intended to be an exhaustive treatment of the subject, and should not be interpreted as precluding other procedures which would enhance safe LP gas operations. Issuance of this bulletin is not intended to nor should it be construed as an undertaking to perform services on behalf of any party other than their protection or for the protection of third parties. The National Propane Gas Association assumes no liability for reliance on the contents of this bulletin.

Underground containers present some problems not encountered with aboveground containers. If surface drainage and water table level are disregarded at the time of installation, the housing dome of underground containers may be flooded. This may cause corrosion and/or malfunction of the fittings, valves, pressure relief valves, gauging devices and regulators as well as corrosion of the container itself. Water in the dome might freeze in the winter months in some parts of the country. Foreign matter, dirt, and insects may also enter the housing dome of these containers. PROPER PREPARATION OF THE CONTAINER, PARTICULAR ATTENTION TO INSTALLATION TECHNIQUES, A REGULAR INSPECTION PROGRAM, AND CORRECTIVE ACTION WHERE REQUIRED, WILL ASSURE MORE SATISFACTORY PERFORMANCE.

CONTAINER PREPARATION BEFORE INSTALLATION

1. Only ASME containers constructed for underground service and marked accordingly shall be installed underground. DOT CYLINDERS MUST NOT BE INSTALLED UNDERGROUND.

2. Make certain that all fittings, including any plugged openings, are tight. Pressurize containers with air or LP-Gas vapor to make certain there are no leaks.

3. Purge container in accordance with generally accepted industry practices. (See NPGA Bulletin 133).

4. Clean rust, dirt and other foreign matter from the surface of the container, and visually inspect for gouges, dents, pits or other defects.

5. Apply a suitable coating to the container as recommended by NFPA 58 and by the coating manufacturer, for protection against moisture and corrosive action of the soil. Allow coating to cure properly before moving container.

6. Protect all points of contact while container is being loaded and transported. Tire retreading, camelback, carpet, etc., may be used at support points and between the container and holding chains.

EXCAVATION AND SETTING

1. Install in accordance with accepted standards, such as NFPA 58, and/or the authority having jurisdiction. In some states an underground container must be cathodically protected, or soil sample taken and recorded that it is not required. In most cases if black iron pipe is used, for the distribution line, this also has to be coated and cathodically protected. This should include a dielectric union at the house to insulate house piping from the tank piping.

NOTE: FAILURE TO PROVIDE PROPER CATHODIC PROTECTION CAN CAUSE HIDDEN CORROSION AND POTENTIAL LEAKS AS WELL AS WEAKENING OF THE TANK WALL OVER A PERIOD OF TIME.

2. The bottom of the hole must be level and free rock. If rocks are present, a 6-inch bed of sand should be used. The hole must be dug to a proper depth to provide for the housing dome to extend far enough above ground level to prevent entrance of water (2 to 6 inches is common practice), allowing for grading away from dome (See Item 5, below). Tank should be at least 6 inches below finished grade.

3. If the area has a high water table, provision must be made to adequately secure the container to the ground, or to a concrete slab, to prevent flotation. Remember that a properly filled propane container can float because the density of propane is about half that of water. Local soil conditions may require other provisions to allow normal drainage from within housing dome.

4. Precaution should be taken to prevent damage to the tank coating while lowering the tank into the hole and while backfilling. Nylon cargo strapping is suggested instead of chain to minimize scratching. Any damage to the coating should be carefully repaired.

NOTE: ANY SMALL UNPROTECTED AREAS OF A COATED, WRAPPED AND CATHODICALLY PROTECTED TANK AND PIPING SYSTEM WILL BE SUBJECT TO CONCENTRATED CORROSIVE ACTION RESULTING IN THE POSSIBILITY OF SEVERE METAL LOSS AND ULTIMATELY A LEAK!

5. Backfill should be free from rocks or similar abrasives.

6. Grade ground down and away from housing dome, to provide surface water drainage away from dome. See illustration.

7. The container should be filled as soon as possible to minimize possible shifting of tank due to flotation or introduction of moisture in unpressured tank.

8. Where underground containers are installed in locations subject to vehicular movement, there should be provided:

a. Sufficient provision to prevent the weight of such vehicular traffic from damaging the container or appurtenances. Tank should be at least 24 inches deep or be protected by a concrete slab or equivalent.

b. Barriers should be provided for housing dome and appurtenances that extend above grade level. Such protection shall extend to sufficient height and be identified in areas where snow accumulations occur.

CONNECTING FOR USE

1. Install the regulator so the vent is above the highest possible water level. If a vent line is used, it should extend upward to the top of the dome and then turned down not more than 1 1/2" below the inside of the housing dome cover. Bug screens must be installed in the regulator vent or on the end of the vent line (See illustration #2).

2. A two-stage regulator system is recommended, with the first stage regulator installed inside the housing dome. Blockage of a single stage regulator inside the dome due

to ice, flooding or other cause will result in severe over- or under-pressurization of appliances. It is far less severe if a first stage regulator were to be subjected to the same condition, since the second stage regulator is designed to compensate for changes in first stage pressure, helping to avoid a hazardous situation.

3. The regulator bonnet closure cap must be kept securely in place at all times.

4. It is advisable, where problem water level conditions may occur, to select a container with an extended riser pipe(s) so the filler valve, pressure relief valve, outage gauge and regulator may be positioned as high as possible in the housing dome. A protective cap must be placed over the pressure relief valve as stated in NFPA 58.

5. Leak test the entire system in accordance with generally accepted industry practices. (See NPGA Bulletin 403).

EXISTING INSTALLATIONS

1. Each time the container is filled, the equipment should be checked for possible damage, and water, dirt, or other foreign matter removed and corrective action taken. Any corroded fittings, gauges, regulators or valves should be replaced promptly.

2. Replace any regulator if a high water mark is left in the housing dome above the regulator vent opening. Reposition when replacing to assure the regulator vent opening is high enough to prevent recurrence.

3. Remove any dirt or other foreign matter from regulator vent opening, pressure relief valve and other appurtenances.

4. If the dome is full of ice, the container should not be filled, evacuated or gauged, and the pressure relief valve and the pressure regulator may not function properly.

Melt the ice safely with hot water or other acceptable method (DO NOT USE OPEN FLAME) and remove the water before it refreezes. The container cannot be filled, evacuated or gauged until the ice is completely removed. All valves, gauges, fittings and regulators should be examined for evidence of damage and replaced where necessary.

5. Water or ice too high in the housing dome, or evidence that water has been too high, indicates the container should be raised as soon as possible, or banked with earth to direct further drainage away from the housing dome to a lower point to prevent recurrence of flooding and/or freezing problems. If the container cannot be raised to correct a water problem, either install a higher housing dome or add an extension to the pressure dome.

6. Leak test the entire system in accordance with generally accepted industry practices (See NPGA Bulletin 403).

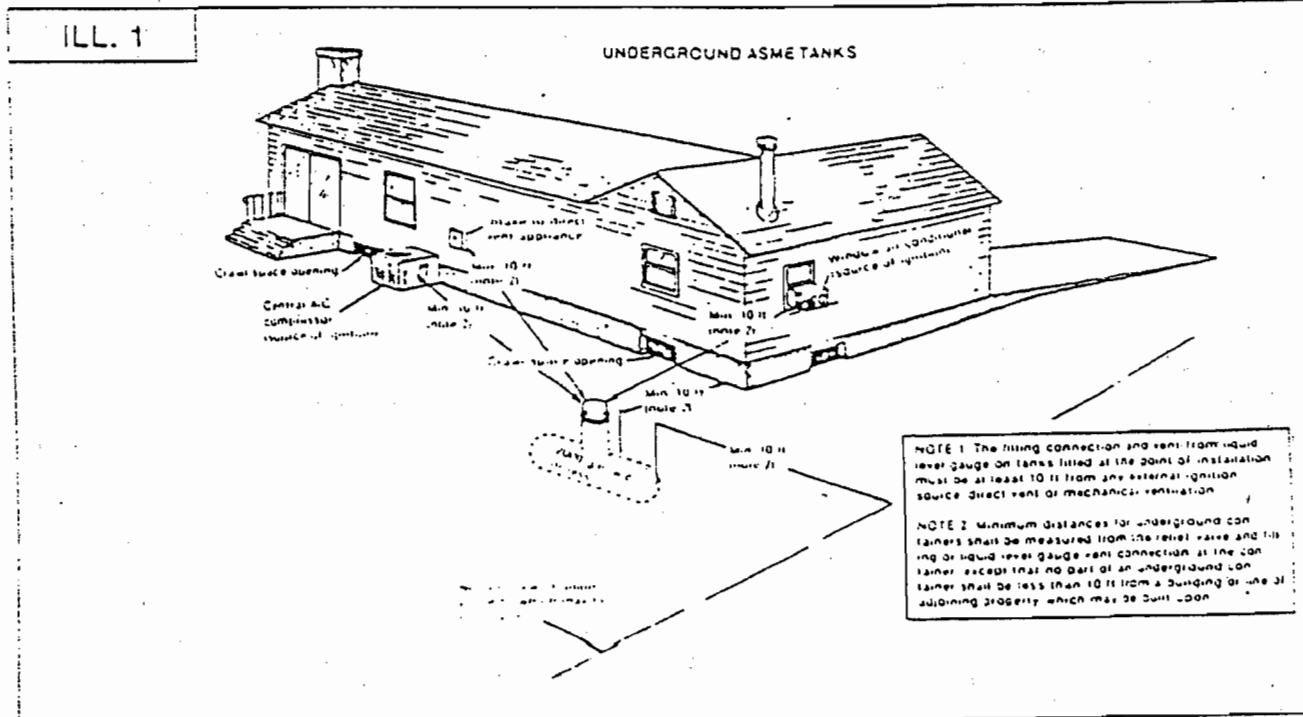
7. It is advisable to conduct a pipe-to-soil potential test to determine whether or not cathodic protection should be installed. (See NFPA 58).

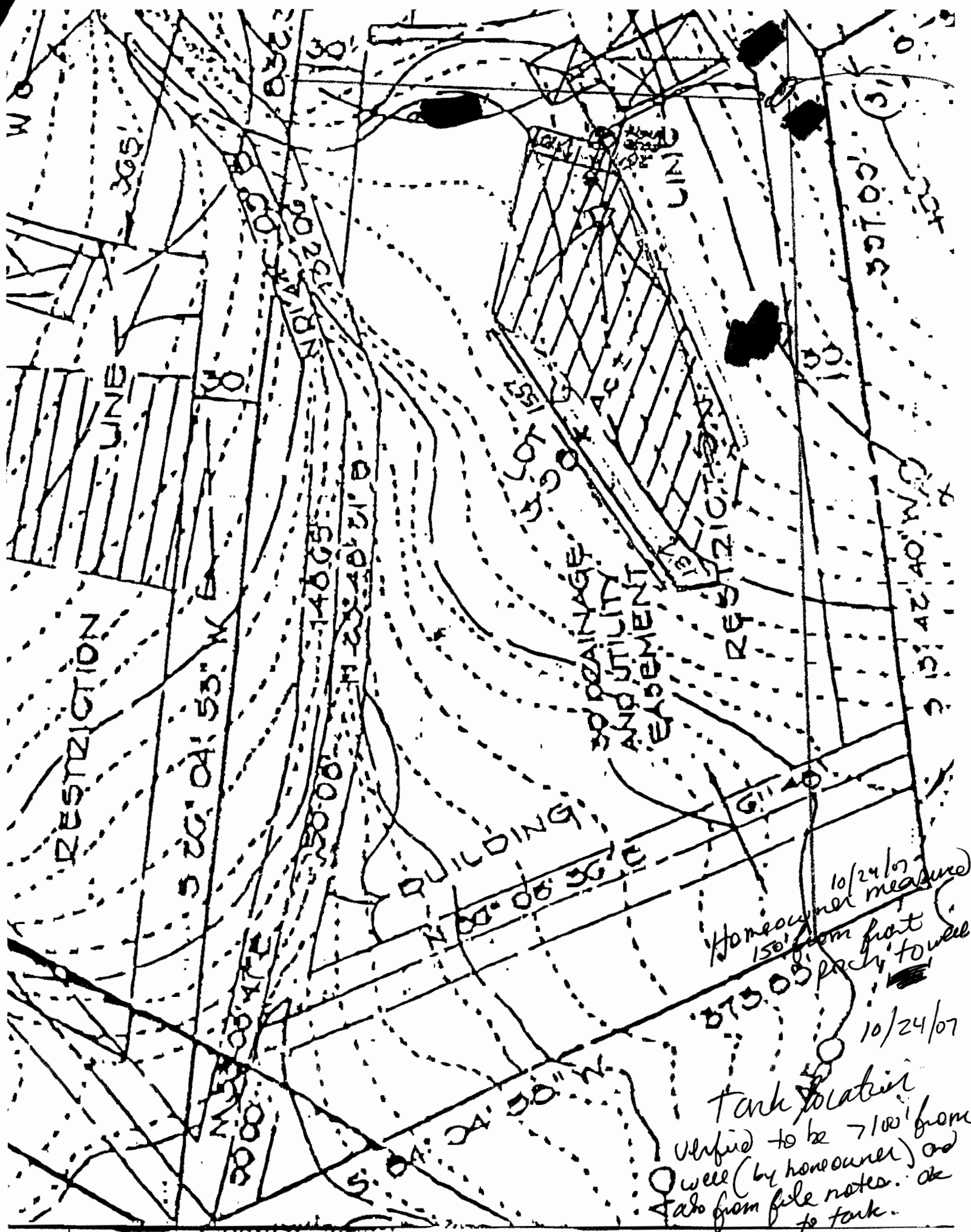
CONCLUSION

Containers underground presents problems not experienced with containers aboveground. It is important to make sure this is given careful consideration in installing and maintaining underground systems, to minimize the problems and provide satisfactory service.

Check with your state and local authorities concerning specific regulations and standards that may apply to underground systems.

Refer to NFPA Pamphlets 54 and 58 and NPGA Bulletins 135 and 403 for further information.





RESTRICTION LINE

RESTRICTION LINE

S 26° 04' 53" W

S 00° 00' 00" E

S 30° 00' 00" E

BUILDING

30' DRAINAGE AND UTILITY EASEMENT

RESTRICTION LINE

10/24/07

Homeowner measured 150' from front

575.05' from front to well

10/24/07

Tank relative

verified to be > 100' from well (by homeowner) and also from file notes. ok to tank.

13833 Lakeside Drive
Clarksville, MD 21029

- A - From propane tank to well 160 Feet
- B - " " " " House 32 Feet
- C - " " " " Septic tank 37 feet
- D - " " " " Septic Field 75 feet
- E - " " " " House 50 feet

