

# LEE'S SUMMIT, MISSOURI FIRE DEPARTMENT

# **Hazardous Material Permit Application**

Name	of Business:	Westlake Ace Har	dware	Ph	one: _	913-336-3511
Addre	Address/Location: 3511 SW Market St. Lees Summit, MO 64082 Apt/Suite:					
Applic	ant's Name:	Jeremy Romig		P	hone:	816-716-9365
Mailin	g Address:	14000 Marshall Dr	-	Ti	tle: <u>Co</u>	nstruction Manager
City, S	tate, Zip:	Lenexa, KS 66215				
Туре с	of Business: _	Hardware Store				
ТҮРЕ	OF MATERIA	NL(S)				
	Explosives/	Blasting Agents		🗆 Reactiv	e Mate	erials
	Compressed Gases					
X	Flammable/Combustible Liquids			Highly Toxic		
	Flammable Solids			🗆 Radioa	ctive	
	Organic Peroxides					
	Oxidizers			🗆 Carcino	gens	
	Pyrophoric Materials Other (List)					
	QUANTITIES OF MATERIAL(S): Quantity Extremely Hazardous					
energy works in the second secon		(pounds)	2/1	Substances		
Propane 74-98-6 1978		1978	2100	-		
					_	
					_	
					_	

\* Submit Material Safety Data Sheets (MSDS) with application

\* Submit sight plan with application

For Questions Contact Assistant Chief Jim Eden at (816) 969-1303

## LEE'S SUMMIT, MISSOURI FIRE DEPARTMENT



**Hazardous Material Permit Application** 

CONDITIONS OF USAGE: Explain the use(s) of the substance.

Propane fill station

CONTAINMENT: Explain (if any) the containment measures that are used. Contained in 500 gallon tank on 4" slab protected by schedule 40 steel bollards.

Jeremy Ron Signature (owner/agent)

2023May11 Date

Jeremy Romig

**PRINT NAME** For Questions Contact Assistant Chief Jim Eden at (816) 969-1303



# LEE'S SUMMIT, MISSOURI FIRE DEPARTMENT

**Hazardous Material Permit Application** 

#### FOR OFFICE USE ONLY

Production of the second second second second second

Hazard Assessment Required: Yes 🗌 No 🗆	Shift
Sent to LEPC: Yes 🗆	PFA Assigned: 🗆
Plans Required: Yes 🗆 No 🗆	Application: Approved 🛛 Denied 🗆
Date:	Ву:
PFA Number:	Date Issued:
Comments:	
Reviewed by:	Rank:

For Questions Contact Assistant Chief Jim Eden at (816) 969-1303

#### . . **~**1 .

Fe	rrellgas Material Safet	y Data Sheet - I	Propane	
Ferrellgas	One Liberty F	laza	Liberty, MO 64068	
Section 1: Er	nergency Information			
24 Hour Emergency Number	Call 1-800-424-9300 (Chemtrec)	in case of emergencies in	volving propane.	
Warning!	<ul> <li>Extremely flammable compressed</li> <li>Asphyxiant in high concentration</li> <li>Skin contact with liquid causes</li> <li>Ethyl mercaptan used as a warr Read the warnings in section 9.</li> </ul>	ons. burns similar to frostbite. ing agent may not be enti		
NFPA hazard rating	Hazard ratings are in the followin Health hazard = 1 Fire hazard = 4 Reactivity = 0 Where: 0 = Least 1 = Slight 2 = Moderate	g table Health Hazard 3 = High 4 = Extreme	Fire Hazard Reactivity	
General MSDS assistance	Call 816-792-1600 and ask to speak with the Safety Department for general assistance wi questions about this MSDS.			
Section 2: Ha	azardous Components/Ide	entity Information		
Product	Propane (odorized)			
Chemical name	Propane			
Chemical family	Liquefied Petroleum Gas (Paraffinic Hydrocarbons)			
Hazardous components	Propane may contain various percentages of these hazardous components, depending on the source of supply.			
	Component	CAS Number	Percentage	
	Propane	74-98-6	85 - 100	
	Propylene	115-07-1	0 - 15	
	Butane and heavier	106-97-8	0 - 2.5	
	Ethane	74-84-0	0 - 5	
	Ethyl Mercaptan (Odorant)	75-08-1	<0.0025	

#### Section 3: Health Information

Section 5. The		Iomation			
Purpose	The health effects are consistent with requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200).				
Eye contact	Direct contact with liquid propane can result in eye burns.				
<b>Skin contact</b> Direct contact with liquid propane can result in skin burns (frostbite).			vite).		
Inhalation	This pr	oduct is classified as a simple	asphyxian	t.	
	High va (anesth	apor concentrations may prod esia).	uce a rever	sible central nerve	ous system depression
	Higher	concentrations may produce	asphyxiatio	on.	
Ingestion	Ingesti	on is not likely.			
Signs and symptoms	Eye or skin burns (frostbite) as noted previously. Early to moderate central nervous system depression may be evidenced by giddiness, headache, dizziness and nausea. In extreme cases, unconsciousness may occur. Asphyxiation may be noted by a sudden loss of consciousness. Death may quickly follow				
Aggravated medical conditions	Caution is recommended for personnel with pre-existing central nervous system or chroni respiratory diseases.			nervous system or chronic	
Acute toxicity Acute toxicity data is not applicable to this product. data					
Carcinogenicity	This product is not classified as a carcinogen.				
Occupational exposure limits	Use thi	s table to determine the allow	able expos	ure limits for pers	onnel.
OSHA		ACGIH			
PEL/TWA Propane: 1,000 PPM Butane: 800 PPM		PEL/Ceiling Not established	Butane:	LV/TWA 800 PPM	TLV/STEL Not established
		•			

Cardiac effects While there is no evidence that exposure to industrially acceptable levels of hydrocarbons have produced cardiac effects in humans, animal studies have shown that inhalation of high vapor levels of the components of this product have produced cardiac sensitization. Such sensitization may cause fatal changes in heart rhythms. This latter effect was shown to be enhanced by hypoxia or the injection of adrenaline-like agents.
 Effects of Laboratory animals exposed to high levels of propylene for prolonged periods of time showed

Effects of<br/>propyleneLaboratory animals exposed to high levels of propylene for prolonged periods of time show<br/>evidence of effects in the liver, kidneys, and nasal cavity.

# Section 4: Emergency and First Aid Procedures

Purpose	Follow these procedures in case of personal injuries resulting from use of this product.
Eye contact with liquid	Flush eyes with water. Get medical attention.
Skin contact with liquid	Flush with water. If frostbite or burn occurs, get medical attention.
Inhalation	Remove victim to fresh air and provide oxygen if breathing is difficult. Seek immediate medical attention if victim is not breathing. Give artificial respiration.
Ingestion	Not applicable to this product.

## Section 5: Physical Data

Physical properties

Refer to this table for the physical properties of this product.

Property	Value
Appearance and odor	Colorless gas, liquid under pressure.
	Mercaptan "rotten cabbage" odor
Boiling point	-44 degrees F.
Evaporation rate (Butyl Acetate = 1)	<1 (diffuses readily)
Flash point	-156 degrees F.
Liquid to vapor expansion ratio	1:270
Molecular weight	44.096
Solubility in water	Slight
Specific gravity (liquid)	0.500 - 0.510 (Water = 1)
Specific gravity (vapor)	1.52 (Air = 1)
Vapor pressure (maximum)	208 PSIG @ 100 degrees F.

## Section 6: Fire and Explosion Hazards

Flammability limits	<ul><li>Flammability limits by volume in air.</li><li>Lower 2.15 percent</li><li>Upper 9.6 percent</li></ul>
Ignition temperature	Auto Ignition temperature is 940 degrees, F.
Extinguishing media 4	<ul> <li>Allow product to burn if source cannot be shut off safely.</li> <li>Class B-C or A-B-C dry chemical or halon extinguishers can be used on small fires.</li> <li>Apply water from a safe distance to cool containers, surrounding equipment, and structures.</li> </ul>

#### Section 6: Fire and Explosion Hazards, Continued

Special fire<br/>fighting<br/>procedures and<br/>precautionsExtremely flammable. Containers may explode if not sufficiently cooled with water spray.Evacuate surrounding area of unprotected personnel and isolate. Do not enter confined fire<br/>space without full bunker gear (helmet with face shield, bunker coats, gloves, and rubber<br/>boots) and a positive pressure NIOSH approved self-contained breathing apparatus.

#### Section 7: Reactivity

Stability and hazardous polymerization	This product is stable. Hazardous polymerization will not occur.		
Conditions and materials to avoid	<ul><li>Avoid heat, sparks, flame and contact with strong oxidizing agents. Avoid buildups of static electricity.</li><li>Prevent vapor accumulation.</li></ul>		
Hazardous decomposition products	Carbon monoxide and unidentified organic products may be formed during combustion.		

#### Section 8: Employee Protection

Respiratory protection	<ul> <li>Use a NIOSH approved respirator as required when airborn exposure limits are exceeded.</li> <li>In accord with 29 CFR 1910.134, use either an atmosphere supplying respirator or an air purifying respirator for organic vapors.</li> </ul>
Protective clothing	<ul><li>Avoid liquid contact with eyes or skin.</li><li>Wear safety glasses or goggles as appropriate.</li><li>Wear protective clothing as appropriate.</li></ul>
Additional protective measures	Use explosion-proof ventilation as required to control vapor concentrations.

#### Section 9: Precautions For Safe Handling and Use

Release, spill or leak procedures	Warning! Extremely flammable.
	<ul> <li>Eliminate sources of ignition.</li> <li>Isolate hazard area and deny entry to unnecessary or unprotected personnel.</li> <li>Stay upwind and keep out of low areas.</li> </ul>
	<ul><li>Notify local fire department.</li><li>Disperse vapor clouds with water spray.</li><li>Shut off source of leak only if it can be done safely.</li></ul>

Continued on next page

Training	<ul><li>Train all personnel involved in handling propane in proper handling and operating procedures.</li><li>Document all training.</li></ul>
Handling and storing	<ul> <li>Handle and store propane in accordance with NFPA 58 and local fire codes.</li> <li>Keep containers away from heat sources or temperatures exceeding 130 degrees F.</li> <li>Do not drop or roll any container.</li> <li>Store and transport containers with relief valves in vapor space.</li> <li>Keep all container valves closed when not in use.</li> <li>Keep protective caps (if applicable) on containers when not in use.</li> </ul>
DOT cylinders	<ul> <li>Take these precautions when using DOT cylinders.</li> <li>Periodically inspect and requalify DOT cylinders in accordance with DOT and NFPA 58 codes and Compressed Gas Association Pamphlets C-6 and C-6a.</li> <li>Store and use cylinders with valves off and the relief valves in the container vapor space.</li> <li>Shut all valves and follow recommended procedures before exchanging cylinders.</li> </ul>
Special precautions	<ul><li>Containers, even those that have been emptied, can contain explosive vapors.</li><li>Do not cut, drill, grind, weld or perform similar operations on or near containers.</li></ul>
Propane odorization	<ul> <li>Warning! Any smell of odorant, even a faint one, may indicate a dangerous situation.</li> <li>Ethyl mercaptan is the preferred warning agent for propane. Although ethyl mercaptan has excellent warning properties, "It is recognized that no odorant will be completely effective as a warning agent in every circumstance" (NFPA 58 A-1-4.1, 1992 edition).</li> <li>Instances in which odorants may lose their effectiveness include, but are not limited to:</li> <li>Odor may fade due to chemical oxidation in improperly prepared new tanks and cylinders or from rust, air, and water in used containers that have been allowed to stand open to the atmosphere.</li> <li>Odor may be absorbed and adsorbed by the walls of containers and distribution systems.</li> <li>Odor in the gas escaping from underground leaks may be absorbed by certain types of soils</li> <li>Effectiveness of the odorant may be reduced by cold temperatures.</li> <li>Other odors, such as from cooking or from a musty basement, may mask or cover up the mercaptan odor in propane.</li> <li>Exposure to the mercaptan odor of propane for extended periods of time may affect a person's ability to detect the odorant.</li> <li>Physical disabilities or the use of alcohol, tobacco, or drugs may decrease a person's ability to detect the odorant.</li> </ul>
Section 10:	Transportation Requirements
DOT shipping name	Liquefied Petroleum Gas
DOT classification	Division 2.1 (Flammable Gas)
Other transportation	UN 1075, Hazardous Materials Guide Number 115.

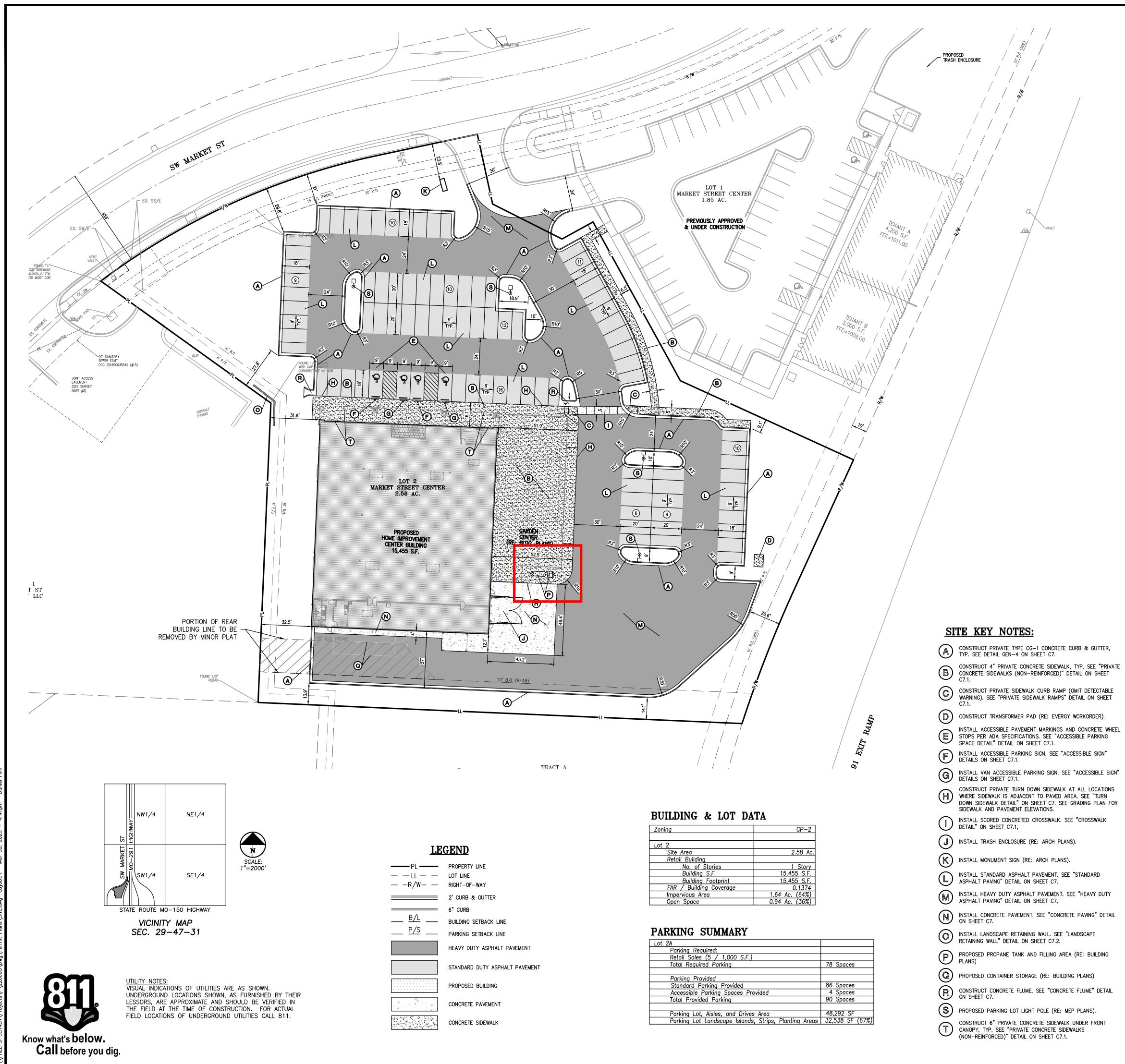
#### Section 11: Other Regulatory Controls

EPA/TSCA	The components of this product are listed on the EPA/TSCA inventory of chemical substances. This product is classified by 40 CFR 372 (SARA Section 313) as:						
EPA Hazard Classification							
	Acute Hazard	Chronic Hazard	Fire Hazard	Pressure Hazard	<b>Reactive Hazard</b>		
	XXX		XXX	XXX			
Ozone depleting substances	This product does not contain, nor was it directly manufactured with, any class I or class II ozone depleting substances.						
RCRA Information	This product is not subject to 40CFR 268.30 ban on the disposal of hazardous wastes. If this product becomes a waste material, it would be an ignitable hazardous waste, having a waste code number D0001. Refer to latest EPA or state regulations regarding proper disposal. Under EPA-RCRA, containers are considered hazardous unless depressurized to a pressure approaching atmospheric. Depressurize containers at a controlled rate to a flare.						
State regulatory information	<ul> <li>The ingredients in this product are specifically listed by individual states; other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements.</li> <li>Contact the appropriate agency in your state for details on your regulatory requirements.</li> </ul>						
California Proposition 65 warning		to the State of Calif are created by the c			r other		

#### Section 12: Supplemental Information

Disclaimer of<br/>liabilityThe information in this MSDS was obtained from sources which we believe are reliable.<br/>However, the information is provided without any warranty, express or implied,<br/>regarding its correctness.The conditions or methods of handling, storage, use and disposal of this product are beyond<br/>our control and may be beyond our knowledge. For this and other reasons, we do not<br/>assume responsibility and expressly disclaim liability for loss, damage, or expense<br/>arising out of or in any way connected with the handling, storage, use, or disposal of this<br/>product.Issue informationThis MSDS supersedes all previous editions.<br/>• Issued May, 2011<br/>• Issued by: Scott Fenimore, Manager of Safety

- Issued May, 2011
   Issued by: Scott Fenimore, Manager of Safety Ferrellgas One Liberty Plaza
  - Liberty, MO 64068



Zoning	CP-2
Lot 2	
Site Area	2.58 Ac.
Retail Building	
No. of Stories	1 Story
Building S.F.	15,455 S.F.
Building Footprint	15,455 S.F.
FAR / Building Coverage	0.1374
Impervious Area	1.64 Ac. (64%)
Open Space	0.94 Ac. (36%)

Lot 2A	
Parking Required:	
Retail Sales (5 / 1,000 S.F.)	
Total Required Parking	78 Spaces
Parking Provided	
Standard Parking Provided	86 Spaces
Accessible Parking Spaces Provided	4 Spaces
Total Provided Parking	90 Spaces
Parking Lot, Aisles, and Drives Area	48,292 SF
Parking Lot Landscape Islands Strips Planting Areas	32 5 38 SF (67%)

- CONSTRUCT 4" PRIVATE CONCRETE SIDEWALK, TYP. SEE "PRIVATE

# **LEGAL DESCRIPTION:**

LOT 2, MARKET STREET CENTER SECOND PLAT, A PLATTED SUBDIVISION OF LAND IN THE CITY OF LEE'S SUMMIT, JACKSON COUNTY, MISSOURI.

# $AREA = \pm 2.58 \text{ ACRES } / \pm 112,481 \text{ SQ.FT.}$

# SITE PLAN NOTES:

1. All construction materials and procedures on this project shall conform to the latest revision of the following governing requirements, incorporated herein by reference: A) City ordinances & O.S.H.A. Regulations.

B) The City of Lee's Summit Technical Specifications and Municipal Code.

2. The contractor shall have one (1) signed copy of the plans (approved by the City) and one (1) copy of the appropriate Design and Construction Standards and Specifications at the job site at all times.

3. The contractor will be responsible for securing all permits, bonds and insurance required by the contract documents, City of Lee's Summit, Missouri, and all other governing agencies (including local, county, state and federal authorities) having jurisdiction over the work proposed by these construction documents. The cost for all permits, bonds and insurance shall be the contractors responsibility and shall be included in the bid for the work.

4. The contractor is responsible for coordination of his and his sub-contractor's work. The contractor shall assume all responsibility for protecting and maintaining his work during the construction period and between the various trades/sub-contractors constructing the work.

5. The demolition and removal(or relocation) of existing pavement, curbs, structures, utilities, and all other features necessary to construct the proposed improvements, shall be performed by the contractor. All waste material removed during construction shall be disposed off the project site. The contractor shall be responsible for all permits for hauling and disposing of waste material. The disposal of waste material shall be in accordance with all local, state and federal regulations.

6. Contractor shall be responsible for all relocations, including but not limited to, all utilities, storm drainage, sanitary sewer services, signs, traffic signals & poles, etc. as required. All work shall be in accordance with governing authorities specifications and shall be approved by such. All cost shall be included in base bid.

7. All existing utilities indicated on the drawings are according to the best information available to the Engineer; however, all utilities actually existing may not be shown. The contractor shall be responsible for contacting all utility companies for an exact field location of each utility prior to any construction. All underground utilities shall be protected at the contractor's expense. All utilities, shown and unshown, damaged through the negligence of the contractor shall be repaired or replaced by the contractor at his expense.

8. The contractor will be responsible for all damage to existing utilities, pavement, fences, structures and other features not designated for removal. The contractor shall repair all damages at his expense.

9. The contractor shall verify the flow lines of all existing storm or sanitary sewer connections and utility crossings prior to the start of construction. Notify the engineer of any discrepancies.

10. <u>SAFETY NOTICE TO CONTRACTOR:</u> In accordance with generally accepted construction practices, the contractor shall be solely and completely responsible for conditions of the job site, including safety of all persons and property during performance of the work. This requirement will apply continuously and not be limited to normal working hours. Any construction observation by the engineer of the contractor's performance is not intended to include review of the adequacy of the contractor's safety measures, in, on or near the construction site.

11. Refer to the building plans for site lighting electrical requirements, including conduits, pole bases, pull boxes, etc.

# SITE DIMENSION NOTES:

1. BUILDING TIES SHOWN ARE TO THE OUTSIDE FACE OF PROPOSED WALLS. THE SUBCONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR SPECIFIC DIMENSIONS AND LAYOUT INFORMATION FOR THE BUILDINGS. 2. ALL DIMENSIONS SHOWN FOR THE PARKING LOT AND CURBS ARE MEASURED FORM BACK OF CURB TO BACK OF

# **PAVEMENT MARKING AND SIGNAGE NOTES:**

1. PARKING STALL MARKING STRIPES SHALL BE FOUR INCH (4") WIDE WHITE STRIPES. DIRECTIONAL ARROW AND HANDICAP STALL MARKINGS SHALL BE FURNISHED AT LOCATIONS SHOWN ON PLANS.

2. HANDICAP PAVEMENT MARKINGS AND SIGNS SHALL CONFORM TO ALL FEDERAL (AMERICANS WITH DISABILITIES ACT) AND STATE LAWS AND REGULATIONS.

3. TRAFFIC CONTROL DEVICES AND PAVEMENT MARKINGS SHALL CONFORM TO THE REQUIREMENTS OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES".

4. STOP SIGNS SHALL BE PROVIDED AT ALL LOCATIONS AS SHOWN ON PLANS AND SHALL CONFORM TO THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES". SIGNS SHALL BE 18" X 12", 18 GAUGE STEEL AND SHALL BE ENGINEER GRADE REFLECTIVE.

5. TRAFFIC CONTROL AND PAVEMENT MARKINGS SHALL BE PAINTED WITH A WHITE SHERWIN WILLIAMS S-W TRAFFIC MARKING SERIES B-29Y2 OR APPROVED EQUAL. THE PAVEMENT MARKING SHALL BE APPLIED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. APPLY ON A CLEAN, DRY SURFACE AND AT A SURFACE TEMPERATURE OF NOT LESS THAN 70°F AND THE AMBIENT AIR TEMPERATURE SHALL NOT BE LESS THAN 60°F AND RISING. TWO COATS SHALL BE APPLIED.

# **ZONING:**

THIS PROPERTY IS ZONED CP-2, DEFINED AS PLANNED COMMUNITY COMMERCIAL DISTRICT.

## **OIL-GAS WELLS:**

ACCORDING TO THE MISSOURI DEPARTMENT OF NATURAL RESOURCES STATE OIL & GAS COUNCIL WELLS, LOCATED AT www.dnr.mo.gov/geology/geosrv/oilandgas.htm, THERE ARE NO OIL OR GAS WELLS ON THE PROPERTY SHOWN HEREON.

# **PRE-CONSTRUCTION MEETING NOTE:**

THE CONTRACTOR SHALL CONTACT THE CITY'S DEVELOPMENT SERVICES ENGINEERING INSPECTION TO SCHEDULE A PRE-CONSTRUCTION MEETING WITH A FIELD ENGINEERING INSPECTOR PRIOR TO ANY LAND DISTURBANCE WORK AT (816) 969-1200.

# FIRE ACCESS ROAD NOTE:

ALL FIRE ACCESS LANES SHALL BE HEAVY DUTY ASPHALT CAPABLE OF SUPPORTING 75,000-POUNDS.

SCALE: 1"=30' 30'

# davidson

architecture&engineering

4301 Indian Creek Parkway Overland Park, KS 66207 phone: 913.451.9390 fex: 913.451.9391 www.davidsonae.com



PHELPS ENGINEERING, INC. 1270 N. Winchester Olathe, Kansas 66061 (913) 393-1155 Fax (913) 393-1166 www.phelpsengineering.com



σ Ο σ U σ ω Ţ Ľ

Σ Ð

 $\mathcal{O}$ 

N

Ω

 $\mathbf{O}$ 

date

Û

sto

Φ

σ

drawn by

checked by

revisions



SITE **PLAN** 

sheet number

drawing type PDP project number

22185