

LEE'S SUMMIT FIRE DEPARTMENT

FIRE HEADQUARTERS
207 SE DOUGLAS STREET
LEE'S SUMMIT, MISSOURI 64063-2372
(816) 969-1300
FAX (816) 969-1313
TDD (816) 969-7407

PLAN REVIEW CONDITIONS

July 10, 2013

BART'S ELECTRIC COMPANY INC
7103 STEWART RD
PLEASANT VALLEY, MO 64068

Permit No: PRCOM20131413
Project Title:
Project Address: 520 NE COLBERN RD, LEES SUMMIT, MO 64086
Parcel Number: 52500021400000000
Location: CORRECTED PLAT OF BROWNING-DARK FARM LOT 2
Type of Work: REPAIR/REPLACE/UPGRADE
Occupancy Group: BUSINESS
Description: ROOF MOUNTED PHOTOVOLTAIC SYSTEM

The following is a list of requirements from the City of Lee's Summit that have not been satisfactorily addressed in the plans and specifications. Please contact the appropriate department regarding clarification of comments.

Codes Administration (816) 969-1200

Fire Department (816) 969-1300

Building Plan Review

Reviewed By: Michael Weisenborn

Pending

Fire Plan Review

Reviewed By: Jim Eden

Approved with Conditions

1. 2006 IFC-102.7 Subjects not regulated by this code.

Where no applicable standards or requirements are set forth in this code, or are contained within other laws, codes, regulations, ordinances or bylaws adopted by the jurisdiction, compliance with applicable standards of the National Fire Protection Association or other nationally recognized fire safety standards, as approved, shall be deemed as prima facie evidence of compliance with the intent of this code. Nothing herein shall derogate from the authority of the fire code official to determine compliance with codes or standards for those activities or installations within the fire code official's jurisdiction or responsibility.

2006 IFC-102.8 Matters not provided for.

Requirements that are essential for the public safety of an existing or proposed activity, building or structure, or for the safety of the occupants thereof, which are not specifically provided for by this code shall be determined by the fire code official.

Whereas the 2006 IFC does not address the use of PV systems and the 2012 IFC is under review for adoption by the City of Lee's Summit does, the 2012 IFC is used as reference for review of this project.

2. 605.11.3.3.2 Pathways. The solar installation shall be designed to provide designated pathways. The

pathways shall meet the following requirements:

5. Shall provide not less than 4 feet (1290 mm) clear around roof access hatch with at least one not less than 4 feet (1290 mm) clear pathway to parapet or roof edge.

The roof access is not shown. If needed, arrange the panels to meet this requirement. Verified at inspection.
tHE ROOF HATCH WAS NOT SHOWN

3. 2012 IFC 605.11.1 Marking. Marking is required on interior and exterior direct-current (DC) conduit, enclosures, raceways, cable assemblies, junction boxes, combiner boxes and disconnects.

605.11.1.1 Materials. The materials used for arking shall be reflective, weather resistant and suitable for the environment. Marking as required in Sections 605.11.1.2 through 605.11.1.4 shall have all letters capitalized with a minimum height of 3/8 inch (9.5 mm) white on red background.

605.11.1.2 Marking content. The marking shall contain the words "WARNING: PHOTOVOLTAIC POWER SOURCE."

605.11.1.3 Main service disconnect. The marking shall be placed adjacent to the main service disconnect in a location clearly visible from the location where the disconnect is operated.

605.11.1.4 Location of marking. Marking shall be placed on interior and exterior DC conduit, raceways, enclosures and cable assemblies every 10 feet (3048mm), within 1 foot (305 mm) of turns or bends and within 1 foot (305 mm) above and below penetrations of roof/ceiling assemblies, walls or barriers.

All markings will be verified at inspection.

The approval of plans and specifications does not permit the violation of any section of the Building Codes or other City Ordinances or State Law.

The review conducted by the City of Lee's Summit Codes Administration Department shall not be construed as a structural review of the project.