



FIRE DEPARTMENT

PLAN REVIEW CONDITIONS

January 16, 2014

TALBOT GREGORY J & KATHLEEN VIRGINIA
4050 SE DOC HENRY RD
LEES SUMMIT, MO 64082--5004

Permit No: PRRES20140030
Project Title:
Project Address: 4050 SE DOC HENRY RD, LEES SUMMIT, MO 64082
Parcel Number: 70800010102200000
Location: RNG-31 TWP-47 SEC-32 S 335' OF SE 1/4 OF TH NE 1/4
Type of Work: ALTERATION OTHER RES
Occupancy Group: RESIDENTIAL, ONE- AND TWO-FAMILY
Description: PHOTOVOLTAIC SYSTEM - ROOF MOUNTED AND GROUND MOUNTED - SOLAR -
26.0 KW

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

Fire Plan Review

Reviewed By: Jim Eden

Rejected

1. Provide a complete drawing of the of the roof structure including slope, along with the locations of conduits, inverters, and shut-offs for the entire project.

2. 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 marking 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 (3048 mm), 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.

A marking plan was not provided with the application.

3. 605.11.3.3.1 Access. There shall be a minimum 6-foot-wide (1829 mm) clear perimeter around the edges of the roof.

Exception: Where either axis of the building is 250 feet (76 200 mm) or less, there shall be a minimum 4-foot-wide (1290 mm) clear perimeter around the edges of the roof.

Provide the appropriate perimeter around the array.

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.