

416 Fayette Park
Fayette Park Historic District

Raymond Hill, Owner/Applicant

Scope of Work

Install solar panels on trellis.

Background

The applicant is requesting a Certificate of Appropriateness to modify the design and to change the structural material for the installation of solar panels on the existing wood trellis. The installation of solar panels on the trellis and the roof of the garage was approved by the BOAR during the September 16, 2020 BOAR meeting. The new proposal is to construct a new steel frame within the wood trellis. The frame consists of 4” x 4” steel tube posts with steel channel and steel angle and channel frame at the top to support the solar panels.

Guidelines

A. Guidelines for Rehabilitation and Renovation

16. Satellite dishes/solar panels

DESIGN PRINCIPLE: Satellite dishes may be installed in a locally designated district if they are small and placed in inconspicuous areas such as on rear walls or rear roof slopes. Satellite dishes, solar panels, and other communication or energy devices should be located as unobtrusively as possible. If affixed to a building, these devices should be installed to avoid damaging the property.

Satellite Dishes/Solar Panels:

- (1.16.) A. should never be installed in front yards.
- B. should not be mounted on primary elevations of a building. They should be located at the rear of the principal building or attached to the rear of the principal building (either on the rear walls or the rear slopes of the roof).
- C. satellite dishes that are small in size are more appropriate than large dishes.
- D. solar panels that are attached to the building should lay flush with the roof line.
- E. if not attached to the building, solar panels should be located only in the side and rear yards. Exposed hardware, frames and piping should have a non-reflective finish.

Findings

The Design Principle states “Satellite dishes, solar panels, and other communication or energy devices should be located as unobtrusively as possible.” The proposed steel frame for the solar panels will be integrated into the existing wood trellis. In order for the existing trellis to not be adversely visually impacted, consideration should be given to wrapping the proposed steel

Findings cont'd

members in wood to unify the elements. Another option would be to remove the existing wood trellis allowing for the industrial steel frame to read as a standalone element.

Findings

Guideline I.16.E. states solar panels “if not attached to the building, solar panels should be located only in the side and rear yards. Exposed hardware, frames and piping should have a non-reflective finish.” Per the Guidelines the supports for the solar panels should be unobtrusive and non-reflective.

Recommendations

Staff recommends the approval of the proposal with the following recommendations:

1. Provide details of wrapping the steel frame to be more compatible with the wood trellis or the removal of the existing wood trellis to staff for review and approval prior to the issuance of a COA.
2. Provide finish details to staff for review and approval prior to the issuance of a COA.
3. Once reviewed by other LFUCG Divisions, resubmit any changes to staff or Board for review and approval prior to the start of work.
4. If any changes are made that alter the information submitted, resubmit the changes to staff for review and approval prior to the start of the work.

Deadline for BOAR Action

December 28, 2020