



11/27/2017

City of Colorado Springs  
Planning Department  
Land Use Review

RE:

Site Number CO-0074 Pace Drive  
1602 S Murray Blvd.  
Parcel ID # 64262-06-009

Project Description:

Eco-Site Inc., proposes to construct and own a free-standing Stealth 50' Clock Tower telecommunications facility to be located at 1602 S Murray Blvd., Colorado Springs, on land owned by Atlas Preparatory School. The facility will be used by T-Mobile, which will collocate its antennas and related equipment inside the Clock Tower and within a fenced compound. T-Mobile is licensed and regulated by the Federal Communications Commission and is responsible for providing wireless telephone service to emergency services, businesses and individuals in the geographic area that is shown on the coverage maps provided. T-Mobile is currently upgrading its network in the City of Colorado Springs to provide its service to the residents and visitors in the area and improve its service capacity due to customer demand. In order to provide adequate wireless services to the city, T-Mobile must place a telecommunications facility in a technologically and geographically appropriate location. Included in the application are RF justification statements from T-Mobile, showing coverage maps and reasoning on the location, height and size of the tower.

Specifically, this project entails the construction of a 50' Clock Tower, as well as the placement of twelve panel antennas, a microwave dish and related equipment at a centerline height of 46' inside the Clock Tower. The ground equipment will be located in a Wood Fenced compound at

**FIGURE 2**



the base of the tower. The compound will enclose all the equipment for the facility and will be landscaped per city requirements.

The site will be accessed by using an entrance onto Murray Blvd. There will be limited disturbance outside of the leased area that is shown on the site plan.

#### **Clock Tower – colors and materials**

The Clock Tower will be one color (tan), including the tower legs and all structural elements. The panels will be made of high impact fiberglass, tan in color. The clock face will have black numbers.

#### **Review Criteria:**

- A. Intent of Zoning Code:** The purpose of the Telecommunications facility addresses all three variables listed in the review criteria.
  - 1. **Health** – All of the structures surrounding the project will remain below the main horizontal beam of the antennas (36') to which will lessen the impact of any RF radiation. The antennas will remain within the FCC's mandated power density limits, which remain well under 1% of the maximum deemed safe by the FCC.
  - 2. **Safety-** The project will provide sufficient coverage for the surrounding residents in the community and more reliability in emergencies.
  - 3. **General Welfare** – The project will initially house T-Mobiles cellular service and will be available for additional carriers to collocate thus providing fast and reliable service to cell phone users in the areas that depend on that coverage for everyday use.
- B. Comprehensive Plan** – The service will provide a higher quality of life for many residents who depend on the cell phone coverage. The service will also provide an upgrade in the increasingly demand for fast and reliable data service.

Thank you,

A handwritten signature in blue ink, appearing to read 'Eugene Carroll', is written over a light blue horizontal line.

Eugene Carroll

Advantage Engineers LLC  
720-507-5696  
ecarroll@advantageengineers.com