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## **Project Statement**

Subject: Tax ID – 6428103028  
Site No: DN04163B Site Name: SW Springs  
Site Address: 2520 Arlington Drive, Colorado Springs, CO

The proposed project is a 60' stealth bell tower on the Mountain View Church property with Nine (9) T-Mobile cellular antennas behind a screened fiberglass cross and Two (2) microwave dishes. The tower will have Three (3) legs and be built of steel and fiberglass painted to match the existing structure.

The ground equipment will be housed inside a 20'w x 50'l x 8'h compound designed to match the exterior of the building.

Eight (8) full sized and One (1) 11"x 17" copies of the drawings have been included in the package. The photo simulations are included within the drawings that show before and after proposals.

**Engineering** – A geotechnical analysis has not yet been performed at this site as it has been requested from the carrier that it be performed prior to issuance of a Building Permit.

### **Review Criteria**

**A. Surrounding Neighborhood:** The proposed Stealth Bell Tower has been designed to blend into the architecture of the host building that is adjacent. The tower and compound have been designed with the intention of lessening the visual impact to the neighboring properties.

**B. Intent of Zoning Code:** The purpose of the Stealth Bell Tower addresses all three (3) 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 (56') to which will lessen the impact of any RF radiation. The antennas will remain within the FCC's mandated power density limits to which will remain well under 1% of the maximum deemed safe by the FCC.
2. Safety – The project will provide sufficient coverage for the surrounding homes in the community and more reliability in emergencies.
3. General Welfare – The project will initially house T-Mobile's 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.

C. Comprehensive Plan: the proposed project will protect Colorado Springs highly attractive image by providing a structure that the community and church can be proud of. The project will also integrate desirable and reliable cell service while achieving a natural setting. The service will also provide a higher quality of life for many residents who depend on the coverage.

Please let me know if any additional items are needed.

Sincerely,

Brandon St.Michel  
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## T-Mobile Site DN04163B RF Justification

T-Mobile is requesting to build a site near Arlington Drive and Rainier Drive with a height of 60' AGL in order to improve existing service coverage and quality in the residential areas along Circle Drive from Airport Drive to Hancock Expressway, along Carmel Drive, Delta Drive and Union Boulevard and to have continuous coverage between existing sites.

The accompanying coverage prediction plots exhibit the need for this height. The colored shade shows "In building" quality coverage.

### Existing Coverage

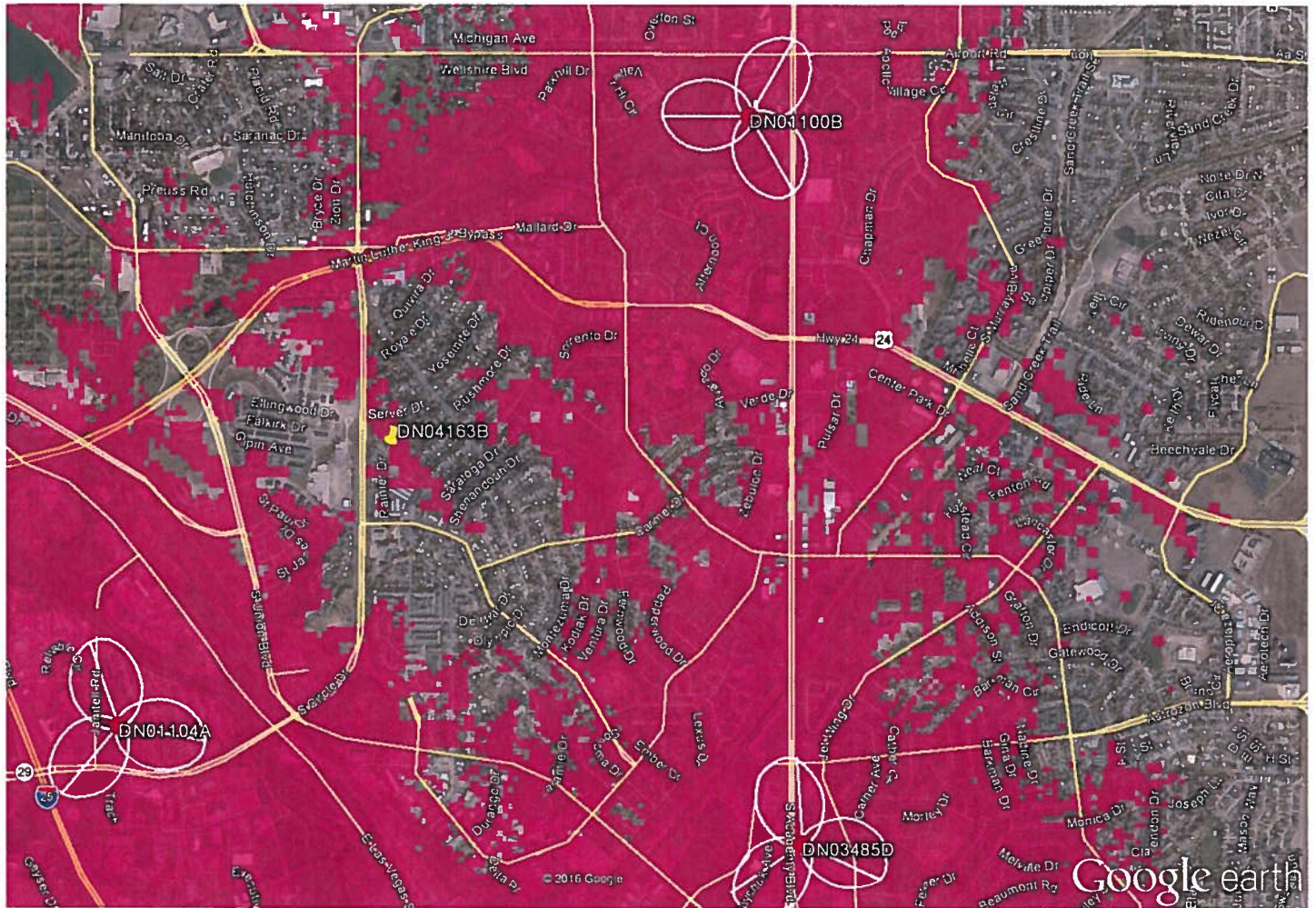
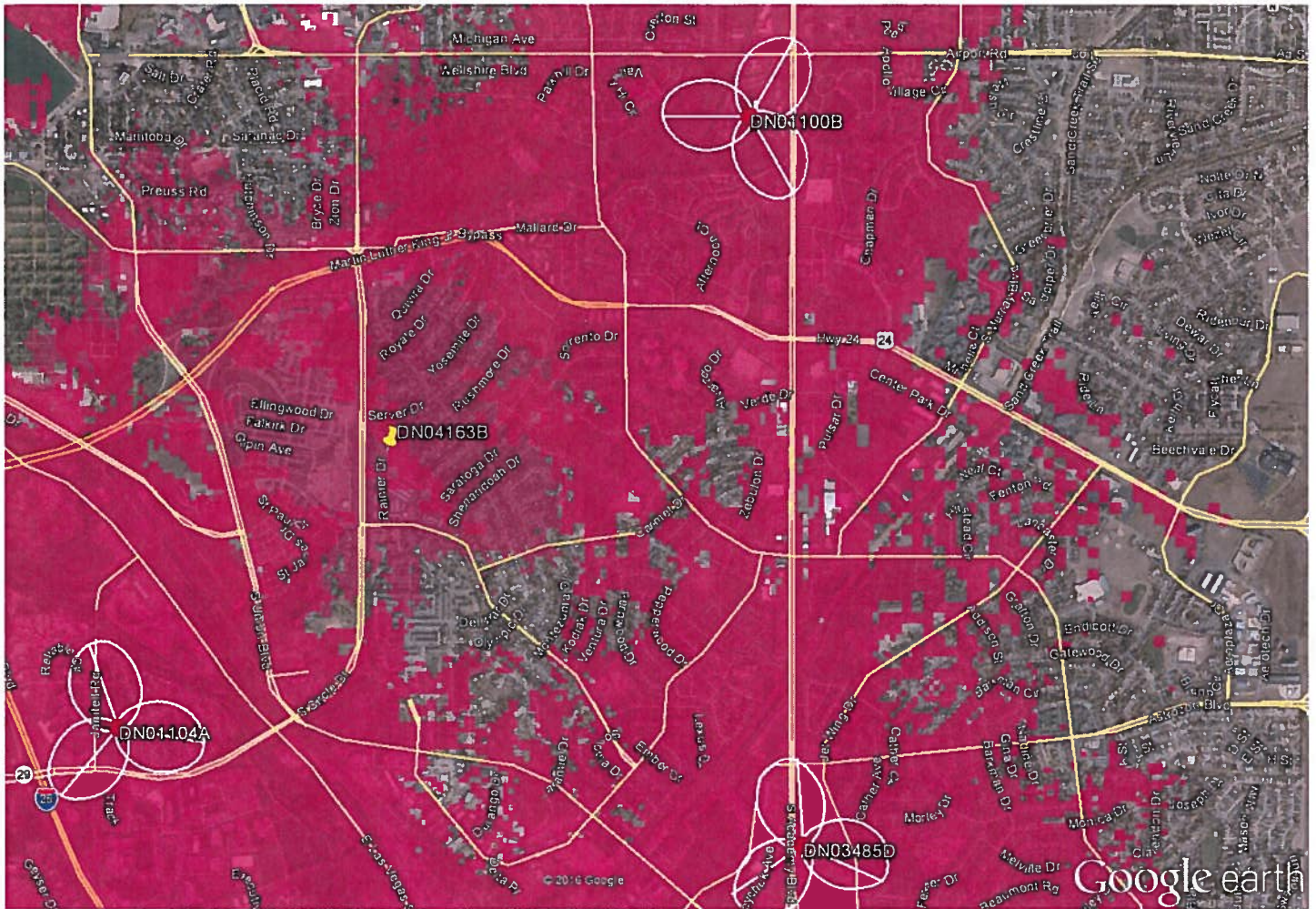


FIGURE 2

Coverage with DN04163B at 40'

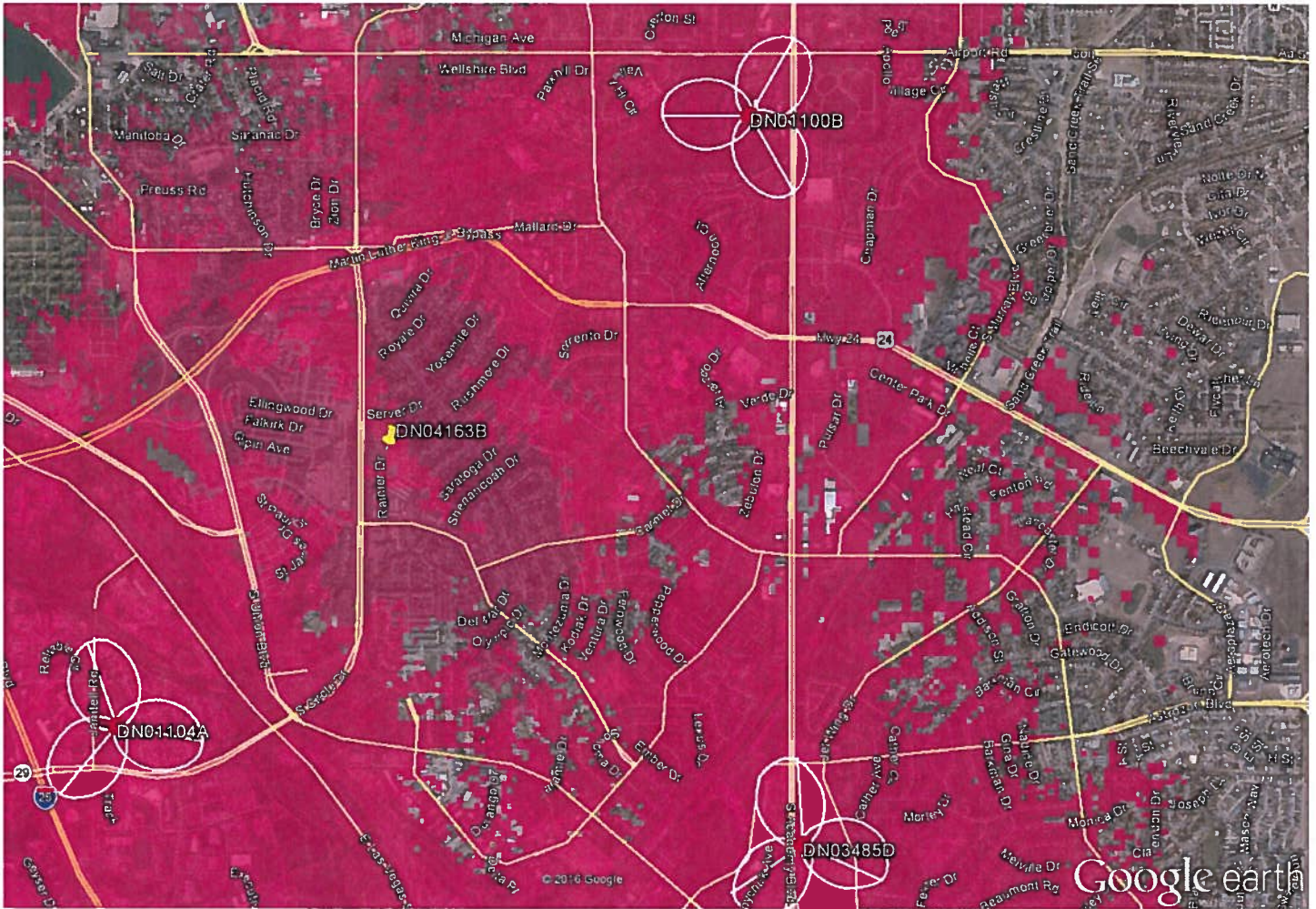


There is improvement in Very Good Service quality around the site but gaps still exist north on Airport Drive and Fountain Boulevard and south on Carmel Drive and Monterey Road. There is no continuous coverage between existing sites north and south.

An additional site will be needed south east of the proposed location to meet coverage objectives.

FIGURE 2

Coverage with DN04163B at 56'



The greater height provides an improved area of Very Good Service in all directions and continuous coverage.

FIGURE 2