

A site plan will need to be submitted



Crown Castle
2000 Corporate Drive
Canonsburg, PA 15317
(724) 416-2000

Date: 8/18/2021

Subject: Structural Evaluation

Carrier Designation: DISH Network Co-Locate
Site Number: DNDEN00298A
Site Name: CO-CCI-T-877055

Crown Castle Designation: **BU Number:** 877055
Site Name: SCHUBERT PROPERTY
JDE Job Number: 643938
WO Number: 2011468
Order Number: 551495 Revision. 4

Site Data: 7445 Templeton Gap Rd., COLORADO SPRGS, EL PASO County, CO
Latitude: 38° 56' 19.6" Longitude: -104° 42' 7.8"
100 Foot – MONOPOLE Tower

Crown Castle is pleased to submit this “Structural Evaluation” to determine the structural integrity of the above-mentioned tower. The purpose of this evaluation is to determine the suitability of the tower structure to support the proposed equipment configuration listed in Table 1.

Based on a comparison of loading listed in the previous analysis dated 5/24/2021, the proposed loading change will not have significant impact on the overall tower stress rating. Therefore, the final proposed equipment configuration listed in Table 1 is structurally **ACCEPTABLE**.

Table 1: Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
60	60	1	MOUNTS	Commscope_MC-PK8-DSH	1	1-3/8
	60	1	RAYCAP	RDIDC-9181-PF-48		
	60	3	FUJITSU	TA08025-B604		
	60	3	FUJITSU	TA08025-B605		
	60	3	JMA WIRELESS	MX08FRO665-21		

Respectfully submitted by:

08/18/21

Truc Lac, P.E., S.E.
Sr Project Engineer

