



May 11, 2026

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Subject:	Fall Certification Letter	
Arcosa Designation:	Arcosa Project Number:	C415
	Arcosa Site Name:	Bermuda (US-GA-5831)
Engineering Firm Designation:	B+T Group Project Number:	26-002815
Site Data:	Bermuda (US-GA-5831)	
	155' Monopole	

To Whom it May Concern:

As Requested by Arcosa Telecom Structures on behalf of The Towers, LLC, B+T Group is pleased to submit this "Fall Certification Letter" for the 155' Monopole to be constructed at the **Bermuda (US-GA-5831) site**.

This pole will be designed in accordance with the TIA 222-H standard for Lowndes County, GA. The pole will be designed to support antennas and transmission lines for three wireless carriers. The design criteria are more particularly described as follows:

Design Wind Speed: 113 mph 3-sec gust (no ice), 30 mph 3-sec gust (0.25" ice)
Structure Class: II
Exposure Category: C
Topographic Category: 1

150'—Wireless Carrier 1 (CaAa= 42,000 sq in w/ (18) 1 5/8" transmission lines
139'—Wireless Carrier 2 (CaAa= 30,000 sq in w/ (12) 1 5/8" transmission lines
129'—Wireless Carrier 3 (CaAa= 30,000 sq in w/ (12) 1 5/8" transmission lines
100'—Wireless Carrier 4 (1) 6' MW Dishes w/ (9) 1.625 transmission lines

It is our understanding that this Monopole structure will be designed such that, if a failure were to occur due to a significant storm or other event, the pole would fall within a radius of 50' from the base of the structure. Although the pole would not be designed to fail, stronger sections that required by analysis would be provided in the lower sections of the pole, resulting in an increased safety factor in the lower sections. In the highly unlikely event that this pole were to experience operational failure due to catastrophic wind loading, the design would enable the pole to fail through compression buckling. Failure in this manner would result in the upper portion of the pole buckling and folding over the lower portion, resulting in a fall radius of 50' from the base of the pole. This opinion does not consider unpredictable extreme catastrophic events for which the structure is not designed. However, any damage to surrounding property caused by the pole failing during such an event would be relatively insignificant when compared to the damage caused to the surrounding property by the event itself. Please contact us should you have any questions concerning the safety and design of the monopole.

Letter prepared by: Clint Coody

Respectfully submitted by: B+T Group

Brad R. Milanowski, P.E., S.E.

