



Date: 2/6/2024

Motorola

Attn: To Whom It May Concern

SUBJECT: Project Number: 527085
Site Name: Marion Oaks, FL
Structure: 250-ft Self-Supporting Tower
Designed within a Theoretical Fall Radius of 170-ft

Communication structures designed by Valmont are sized in accordance with the latest governing revision of the ANSI/TIA 222 standard unless otherwise requested by our customer or the governing jurisdiction. This standard has been approved by ANSI/ASCE, which has dealt with the design of antenna support structures since the late 1950s. The TIA standard, based on provisions of this nationally known specification, has a long history of reliability. Its core philosophy is first and foremost to safeguard and maintain the health and welfare of the public.

Valmont's communication structures have proven to be very reliable products. We use the latest standards, wind speed information, and sophisticated analytical tools to ensure that we continue providing high quality structures.

This structure is designed to the following criteria:

- Exposure Category C
Topographical Category 1 and a Crest height of 0 feet
Risk Category IV
Site Elevation 82.48 feet
149 MPH Ultimate Wind Speed (no ice) per ASCE 7-16
30 MPH with 0.25 inches ice per ANSI/TIA-222-H

This tower was designed with weakest leg at 80 ft elevation. If this tower could fall theoretically within a radius equal to the weakest height of the tower, it is 170 feet.

I hope these comments address any questions or concerns relative to the anticipated performance of this structure; please reach out directly should you have any questions or comments.

Sincerely,

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