

## Structural Evaluation Letter

Asset Number	2543
Asset Name	Five Points
Proposed Carrier	STATE OF FLORIDA
Site Number	X808
Site Name	Lake City
Site Location	Hwy 441 & I-10 Lake City, FL 32055-4662, Columbia County 30.2382° N, 82.6368° W
Tower Description	331.7 ft Guyed
Basic Wind Speed	119 mph (3-second gust)
Basic Wind w/ Ice	No Ice Considered
Applicable Code(s)	ANSI/TIA-222-H / 2021 IBC / 8th ED (2023) Florida Building Code



This item has been electronically signed and sealed by Sarah F. Rucker, PE on the date shown using a digital signature.

Printed copies are not considered signed and sealed and the signature must be verified on any electronic copies.

Digitally signed by Sarah Rucker  
Date: 2024.04.11 07:15:57 -04'00'  
COA: 9053  
Created by: SARAH.KRAMER

### Evaluation Results:

The loading in the tables below was evaluated with respect to the tower and foundation capacities. As future loading is added, or if actual loading is different from these tables, re-evaluation shall be required. This tower and foundation **are adequate** to support the below loads in conformance with specified requirements.

### STATE OF FLORIDA Final Loading

Elev (ft)	Qty	Equipment	Lines
290.0	1	Combilent CP00732	(1) 1/2" Coax (1) 7/8" Coax
	1	Stand-Off	
	1	Sinclair SE414-SWBPALDF(DXX)	
283.0	1	RFS PAD6-65AC	(1) EW65
276.0	2	Sinclair SE414-SWBPALDF(DXX)	(2) 1 5/8" Coax
275.0	1	Side Arm	-
240.0	1	RFS PAD6-65AC	(1) EW65
186.0	1	RFS PAD6-65AC	(1) EW65
154.0	1	RFS PAD6-65AC	(1) EW65

Install proposed lines in the place of the existing STATE OF FLORIDA lines.

### Other Existing/Reserved Loading

Elev (ft)	Qty	Equipment	Lines	Carrier
304.0	1	Side Arm	-	HARRIS CORPORATION
300.3	3	Ericsson Radio 4460 B25+B66	-	T-MOBILE
	3	Ericsson Radio 4480 B71+B85A		
300.0	1	Side Arm	-	HARRIS CORPORATION
295.0	3	Commscope FFV-65C-R3-V1	-	T-MOBILE
	3	Sector Frame		
282.4	1	8' Dish w/ Radome	-	M/A COM PRIVATE RADIO SYSTEMS INC
258.0	2	JMA Wireless MX06FRO860-02	(10) 1 5/8" Coax (2) 1 5/8" Hybriflex	VERIZON WIRELESS
	2	Raycap RCMDC-6627-PF-48		
	3	Commscope TD-850B-LTE78-43		
	3	Ericsson 8843 Rev 2		
	3	Ericsson AIR 6449 B77		
	3	Ericsson Radio 4449 - B13&B5		
	3	Light Sector Frame		
	4	JMA Wireless MX06FIT865-02		

Elev (ft)	Qty	Equipment	Lines	Carrier
242.9	1	6' Dish w/ Radome	-	M/A COM PRIVATE RADIO SYSTEMS INC
198.0	1	Andrew Microwaves PAR6-59 w/ Radome	(1) EW52	VERIZON WIRELESS
187.0	1	6' Dish w/ Radome	(1) EW52	M/A COM PRIVATE RADIO SYSTEMS INC
173.0	1	6' Grid Dish	(1) 1 5/8" Coax	T-MOBILE
154.8	1	6' Dish w/ Radome	-	M/A COM PRIVATE RADIO SYSTEMS INC
146.3	1	Andrew VHLPX4-6W	-	VERIZON WIRELESS
98.9	1	12' Omni	-	M/A COM PRIVATE RADIO SYSTEMS INC
92.0	1	Side Arm	-	M/A COM PRIVATE RADIO SYSTEMS INC

*(If table breaks across pages, please see previous page for data in merged cells)*