



**CONSENT TO REDUCED SEPARATON DISTANCE**

Pursuant to Section 38-1427(d)(2), Land Development Code of Orange County, Florida, we, James C. Goff and Deborah A. Goff, husband and wife, Owners of the real property located in Orange County, Florida, having a Tax Parcel ID No: 36-20-27-0000-00-003, hereby give written consent to Orange County to the reduced separation distance required in Section 38-1427(d)(2) from 350' to 142'.

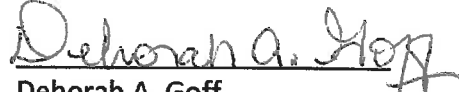
IN WITNESS WHEREOF, the undersigned have hereunto set their hands and seal this 30<sup>th</sup> day of April, 2025.

Signed, sealed, and delivered in  
the presence of:

  
Print Name: Mark F. Ford

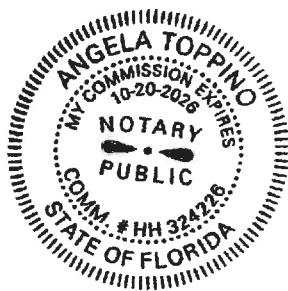
  
Print Name: Mike Burkhead


  
James C. Goff

  
Deborah A. Goff

STATE OF FLORIDA     )  
COUNTY OF Orange    )

The foregoing instrument was acknowledged before me by means of ☒ physical presence or ☐ online notarization, this 30 day of April, 2025, by James C. Goff and Deborah A. Goff, husband and wife, who are personally known to me or who have produced ID as identification.



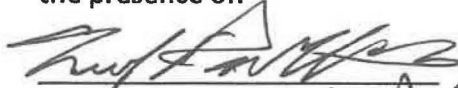
  
NOTARY PUBLIC  
My Commission expires: 10/20/26

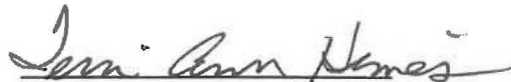
**CONSENT TO REDUCED SEPARATON DISTANCE**

Pursuant to Section 38-1427(d)(2), Land Development Code of Orange County, Florida, I, Terri Ann Himes, Owner of the real property located in Orange County, Florida, having a Tax Parcel ID No: 36-20-27-0000-00-096, hereby gives written consent to Orange County to the reduced separation distance required in Section 38-1427(d)(2) from 350' to 280'.

IN WITNESS WHEREOF, the undersigned have hereunto set their hands and seal this 9 day of May, 2025.

Signed, sealed, and delivered in  
the presence of:

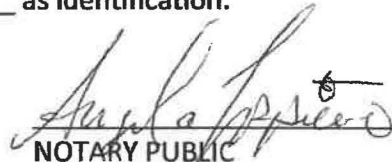
  
Print Name: Mark Patterson

  
Terri Ann Himes

  
Print Name: Mike Burkhead

STATE OF FLORIDA     )  
COUNTY OF Orange    )

The foregoing instrument was acknowledged before me by means of ☒ physical presence  
or ☐ online notarization, this 9 day of May, 2025, by Terri Ann Himes, who is personally known  
to me or who has produced FD as identification.

  
NOTARY PUBLIC  
My Commission expires: 10/20/26





Mail Processing Center  
Federal Aviation Administration  
Southwest Regional Office  
Obstruction Evaluation Group  
10101 Hillwood Parkway  
Fort Worth, TX 76177

Aeronautical Study No.  
2025-ASO-3807-OE

Issued Date: 03/24/2025

Michael Burkhead  
Gulfstream Towers, LLC  
127 W. Fairbanks Avenue  
#469  
Winter Park, FL 32789

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Tower FL252
Location:	Apopka, FL
Latitude:	28-42-42.58N NAD 83
Longitude:	81-34-28.64W
Heights:	99 feet site elevation (SE) 140 feet above ground level (AGL) 239 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

☐ At least 10 days prior to start of construction (7460-2, Part 1)  
☒ Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 M Change 1.

This determination expires on 09/24/2026 unless:

- (a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
- (b) extended, revised, or terminated by the issuing office.
- (c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within

6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA. This determination includes all previously filed frequencies and power for this structure.

If construction or alteration is dismantled or destroyed, you must submit notice to the FAA within 5 days after the construction or alteration is dismantled or destroyed.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

A copy of this determination will be forwarded to the Federal Communications Commission (FCC) because the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at (817) 222-4832, or Michael.J-CTR.Costanzi@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2025-ASO-3807-OE.

**Signature Control No: 648008991-651449514**

( DNE )

Michael Costanzi  
Technician

Attachment(s)  
Frequency Data  
Map(s)

cc: FCC



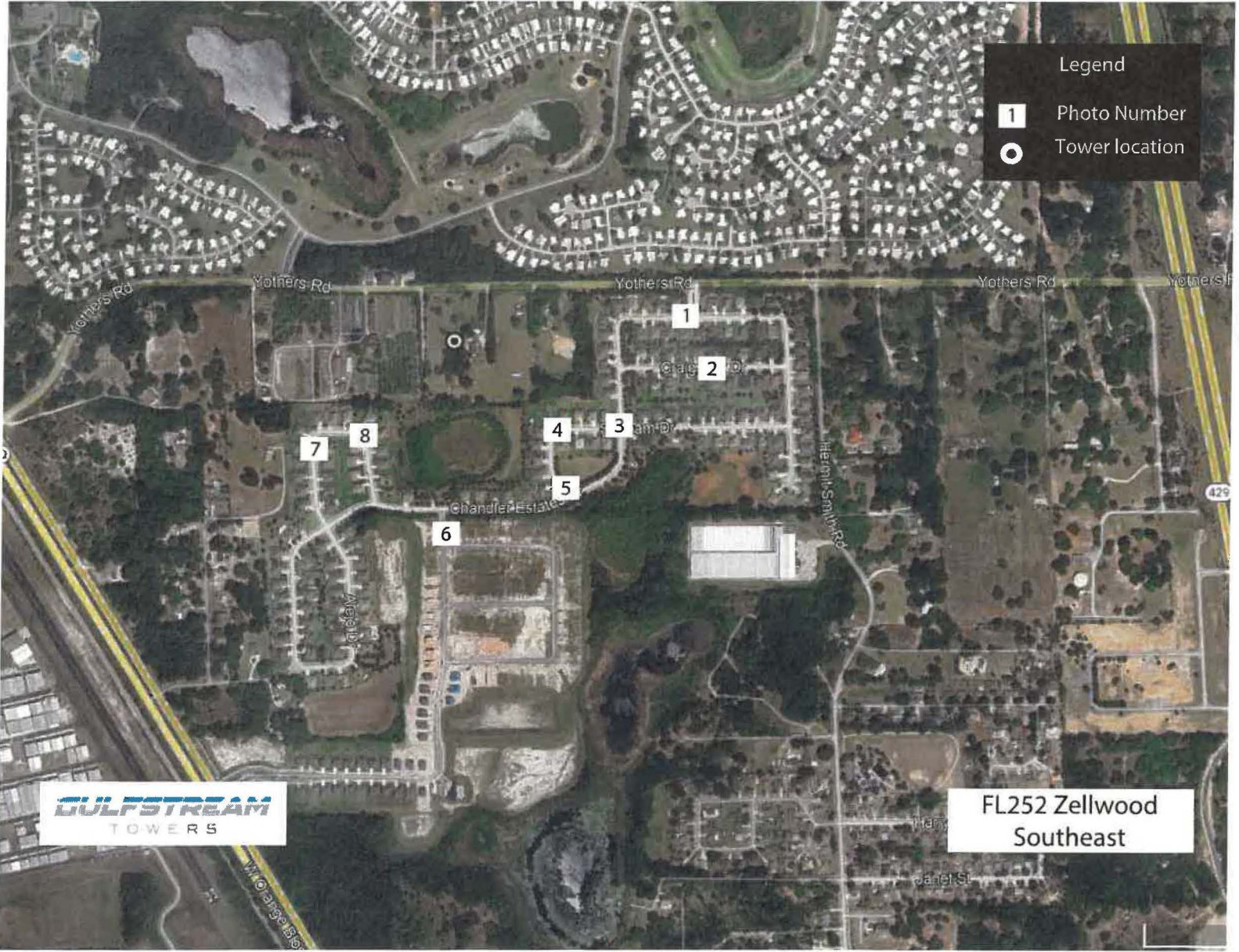
# Frequency Data for ASN 2025-ASO-3807-OE

LOW FREQUENCY	HIGH FREQUENCY	FREQUENCY UNIT	ERP	ERP UNIT
6	7	GHz	55	dBW
6	7	GHz	42	dBW
10	11.7	GHz	55	dBW
10	11.7	GHz	42	dBW
17.7	19.7	GHz	55	dBW
17.7	19.7	GHz	42	dBW
21.2	23.6	GHz	55	dBW
21.2	23.6	GHz	42	dBW
614	698	MHz	1000	W
614	698	MHz	2000	W
698	806	MHz	1000	W
806	901	MHz	500	W
806	824	MHz	500	W
824	849	MHz	500	W
851	866	MHz	500	W
869	894	MHz	500	W
896	901	MHz	500	W
901	902	MHz	7	W
929	932	MHz	3500	W
930	931	MHz	3500	W
931	932	MHz	3500	W
932	932.5	MHz	17	dBW
935	940	MHz	1000	W
940	941	MHz	3500	W
1670	1675	MHz	500	W
1710	1755	MHz	500	W
1850	1910	MHz	1640	W
1850	1990	MHz	1640	W
1930	1990	MHz	1640	W
1990	2025	MHz	500	W
2110	2200	MHz	500	W
2305	2360	MHz	2000	W
2305	2310	MHz	2000	W
2345	2360	MHz	2000	W
2496	2690	MHz	500	W

Verified Map for ASN 2025-ASO-3807-OE







Legend

- 1 Photo Number
- Tower location

**GULFSTREAM**  
TOWERS

FL252 Zellwood  
Southeast

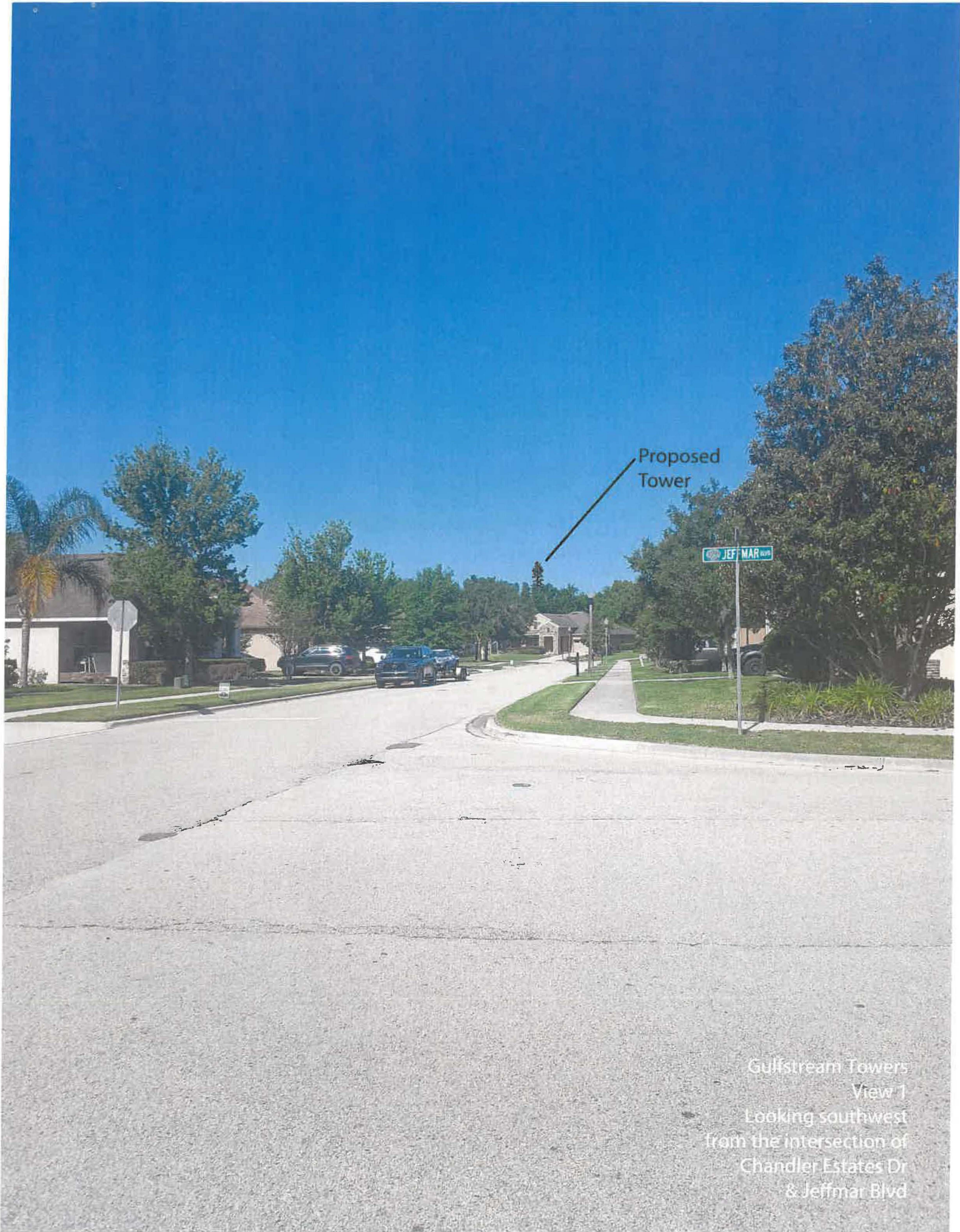


A photograph of a suburban street intersection. The sky is clear blue. A black line points from the text '5' Diameter Balloon' to a small orange balloon in the sky. The street is paved and has a stop sign on the left. Trees and houses are visible in the background. A street sign for 'JEFFMAR BLVD' is on the right.

5' Diameter  
Balloon

Gulfstream Towers  
View 1  
Looking southwest  
from the intersection of  
Chandler Estates Dr  
& Jeffmar Blvd





Proposed  
Tower

JEFF MAR BLVD

Gulfstream Towers  
View 1  
Looking southwest  
from the intersection of  
Chandler Estates Dr  
& Jeffmar Blvd




A photograph of a residential street, looking northwest from Craigsher Dr. The street is paved with asphalt and has a concrete curb on the left side. On the left side of the street, there is a grassy area with a sidewalk and a street lamp. On the right side, there are houses with lawns and trees. In the distance, a small, light-colored balloon is visible against the blue sky. A black arrow points from the text "5' Diameter Balloon" to the balloon.

5' Diameter  
Balloon

Gulfstream Towers  
View 2  
Looking northwest  
from Craigsher Dr



A photograph of a residential street, looking northwest from Craigsher Dr. The street is paved and has a concrete curb on the left side. To the left of the curb is a grassy area with a sidewalk and a street lamp. On the right side of the street, there are houses with stone and brick exteriors, and some trees. In the distance, a line of trees is visible against a clear blue sky. An arrow points from the text 'Proposed Tower' to a point in the distance among the trees.

Proposed  
Tower

Gulfstream Towers  
View 2  
Looking northwest  
from Craigsher Dr



No view of Proposed Tower



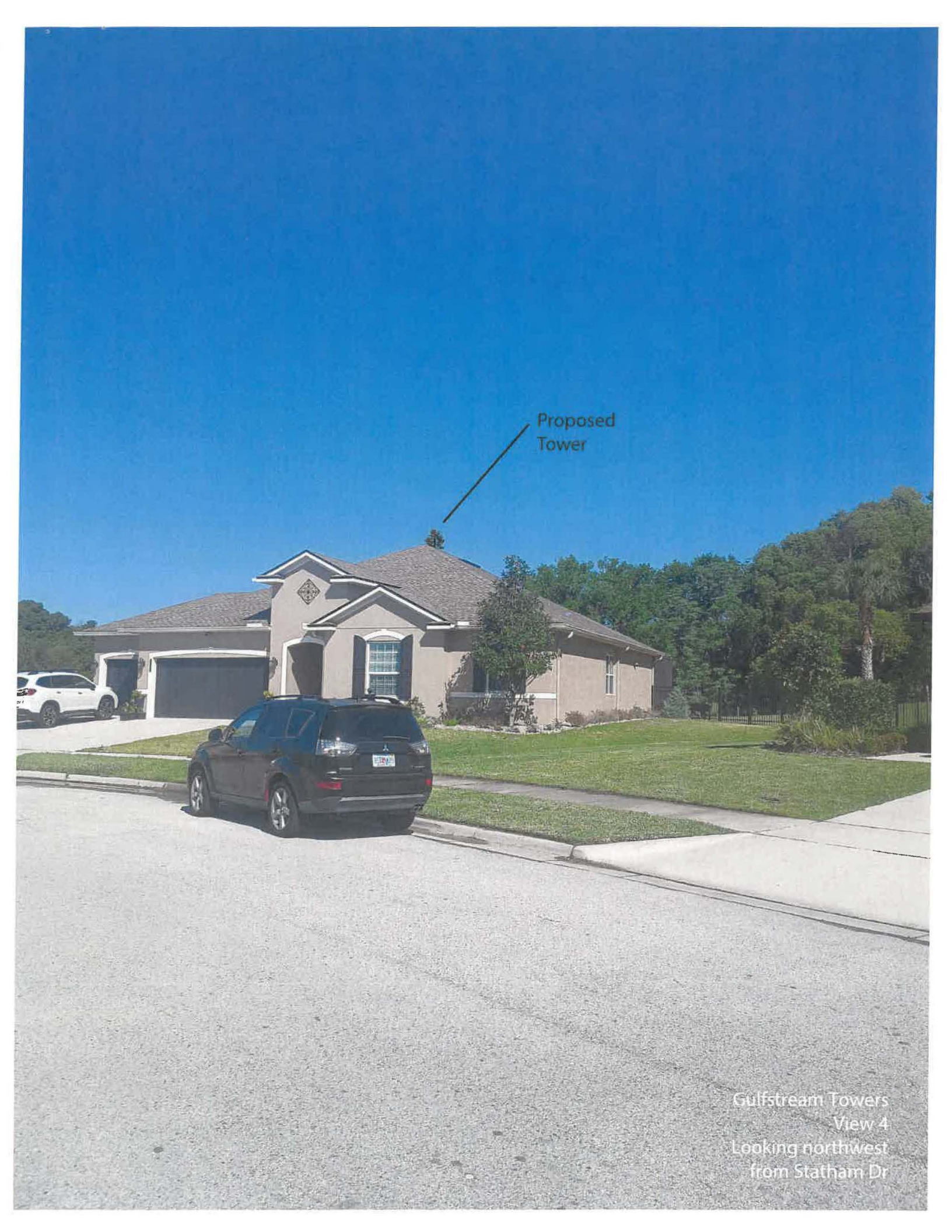




5' Diameter  
Balloon

Gulfstream Towers  
View 4  
Looking northwest  
from Statham Dr





Proposed  
Tower

Gulfstream Towers  
View 4  
Looking northwest  
from Statham Dr



5' Diameter  
Balloon

CHANDLER ESTATES DR

Gulfstream Towers  
View 5  
Looking northwest  
from the intersection of  
Chandler Estates Dr  
& Statham Dr



Proposed  
Tower

CHANDLER ESTATES DR

Gulfstream Towers  
View 5  
Looking northwest  
from the intersection of  
Chandler Estates Dr  
& Statham Dr




A photograph of a road intersection. In the foreground, a paved road with white crosswalk stripes leads to a stop sign. The stop sign is red with white text and is mounted on a metal pole. Above the stop sign is a green street sign that reads "Chandler Estates". To the right of the stop sign is a stone pillar. In the background, there are green trees and a clear blue sky. A small red balloon is visible in the sky, with a black line pointing to it from the text "5' Diameter Balloon".

5' Diameter  
Balloon

Gulfstream Towers  
View 6  
Looking north  
from Windward Hills Blvd



A photograph of a road intersection. In the foreground, a paved road curves to the right, marked with white diagonal stripes. A concrete curb separates the road from a grassy area. A stop sign and a street sign for "Chandler Estates" are mounted on a pole. A line points from the text "Proposed Tower" to a distant, thin tower visible through the trees in the background. The sky is clear blue, and a tree branch hangs from the top right.

Proposed  
Tower


Gulfstream Towers  
View 6  
Looking north  
from Windward Hills Blvd



No view of Proposed Tower

Gulfstream Towers  
View 7  
Looking northeast  
from Janic Loop

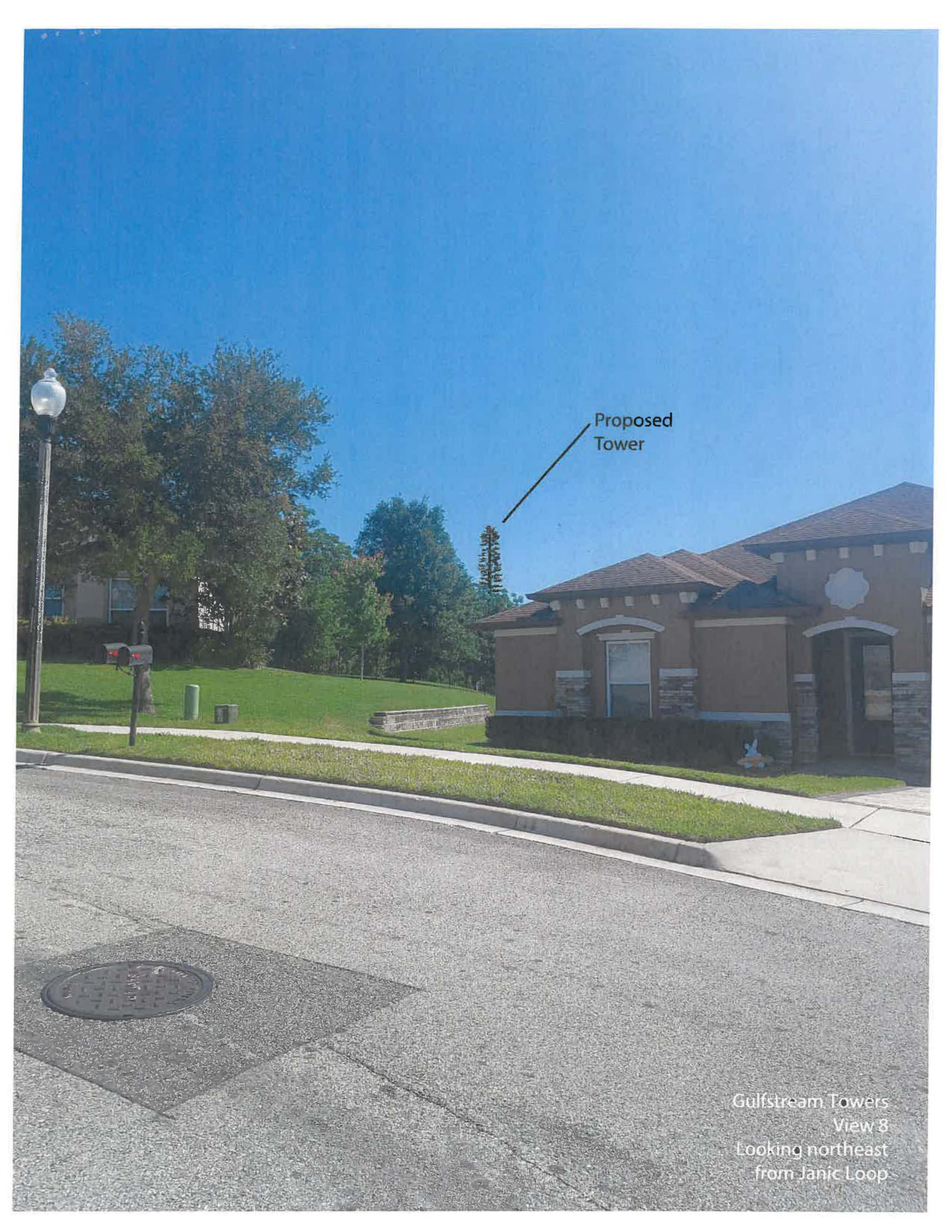




5' Diameter  
Balloon

Gulfstream Towers  
View 8  
Looking northeast  
from Janic Loop





Proposed  
Tower

Gulfstream Towers  
View 8  
Looking northeast  
from Janic Loop

Orange County Zoning Division  
201 S. Rosalind Avenue, 1<sup>st</sup> Floor  
Orlando, FL 32801  
(407) 836-3111  
bza@ocfl.net

Re: Sec 38-1427(n)(5): Camouflaged Facilities

To whom it may concern:

Camouflaged Facilities:

- a. Colorized pictorial representation, artist's rendering, or the like;  
*A photo simulation of the proposed 140' monopine has been submitted with this application.*
- b. Design specifications as follows: total height, diameter, and colorations;  
*The proposed monopine is 140' in height, the base is 7' in diameter and tapers to approx 2' in diameter, the pole is dark brown and the pine branches are brown with green needles.*
- c. A corresponding statement accompanying the graphic representation explaining the following:
  1. What is the nature and character of the area within which the camouflaged tower is proposed, with respect to: land use, surrounding environment, building heights and designs, and building/environment density;  
*The subject area consists of large 2 to 5 acre agriculture zoned parcels running east to west along Yothers Road, with single-family developments to the north, south and east. There are no buildings in the search ring.*
  2. How will the proposed camouflaged agent blend in and harmonize with the nature and character of the area.  
*Due to the limited types of camouflaged towers, we feel the tree application blends in better and is more appropriate given the agriculture use in the immediate area, as opposed to a flagpole or unipole type tower application.*

Thank you,

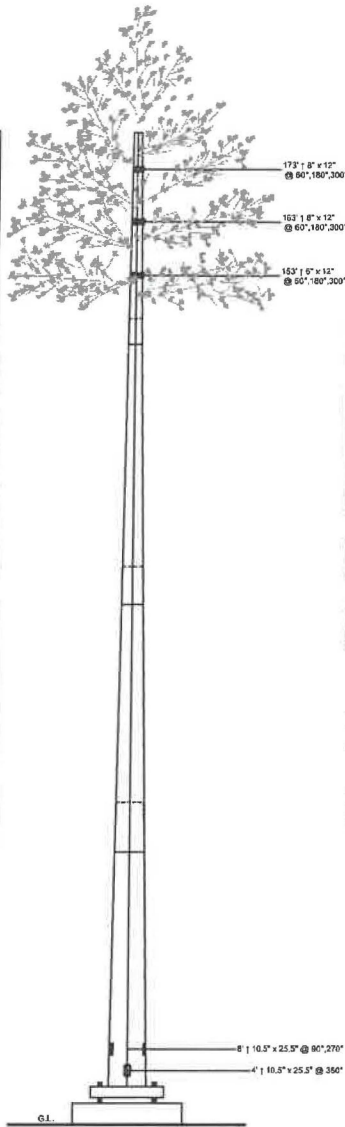


Mike Burkhead  
(407) 617-0167  
[mike@gulfstreamtowers.com](mailto:mike@gulfstreamtowers.com)



SIZES ARE PRELIMINARY AND MAY CHANGE UPON FINAL DESIGN

Length (ft)	59'-3"	53'-6"	39'-9"
Number Of Stakes	18		
Lap Splice (ft)	9'-3"	7'-0"	
Top Diameter (in)	62.7"	42.27"	30.87"
Bottom Diameter (in)	82.48"	57.14"	33.30"
Weight (lb/ft)	0.3714		
Grade	A572-45		
Weight (lbs)	24853	17389	3917
Overall Steel Height (ft)	173	10818	



## Designed Appurtenance Loading

Elev	Description	Ty-Line
175	(1) 175 Sq. Ft. EPA (2500 lbs)	(18) 1 5/8"
185	(1) 175 Sq. Ft. EPA (2500 lbs)	(18) 1 5/8"
155	(1) 150 Sq. Ft. EPA (2250 lbs)	(12) 1 5/8"

## Design Criteria - ANSI/TIA-222-H

Wind Speed (No ice)	135 mph
Wind Speed (ice)	30 mph
Design Ice Thickness	0.00 in
Risk Category	II
Exposure Category	C
Topographic Factor Procedure	Method 1 (Simplified)
Topographic Category	1
Ground Elevation	101 ft
Seismic Importance Factor, $I_e$	1.00
0.2-sec Spectral Response, $S_s$	0.061 g
1-sec Spectral Response, $S_1$	0.033 g
Site Class	D (DEFAULT)
Seismic Design Category	A
Basic Seismic Force-Resisting System	Telecommunication Tower (Pole: Steel)

## Limit State Load Combination Reactions

Load Combination	Axial (kips)	Shear (kips)	Moment (ft-k)	Deflection (ft)	Sway (deg)
1.2 D + 1.0 W <sub>o</sub>	83.84	65.64	11987.2	13.07	9.16
0.9 D + 1.0 W <sub>o</sub>	53.01	65.47	11878.84	12.81	9.06
1.2 D + 1.0 E <sub>v</sub> + 1.0 E <sub>h</sub>	84.74	2.09	306.51	0.34	0.23
0.9 D + 1.0 E <sub>v</sub> + 1.0 E <sub>h</sub>	61.96	2.09	306.75	0.33	0.23
1.0 D + 1.0 W <sub>o</sub> (Service @ 60 mph)	69.99	15.11	2116.56	2.35	1.64

## Base Plate Dimensions

Shape	Diameter	Thickness	Bolt Circle	Bolt Qty	Bolt Diameter
Round	96"	2.5"	90.25"	30	2.25"

## Material List

Display	Value
A	4' - 9"

## Notes

- 1) Antenna Feed Lines Run Inside Pole
- 2) All dimensions are above ground level, unless otherwise specified.
- 3) Weights shown are estimates. Final weights may vary.
- 4) This tower design and, if applicable, the foundation design(s) shown on the following page(s) also meet or exceed the requirements of the 2020 Florida Building Code.
- 5) Full Height Step Bolts
- 6) Anchor bolt templates must be 1/2" thick minimum-50ksi
- 7) This structure has been designed to support pine tree branches starting at the 145' elevation to an overall height of 185'.

**Sabre Industries**  
INNOVATION DELIVERED

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Sabre Industries  
1701 Southbridge Drive  
P.O. Box 658  
Sioux City, IA 51102-0658  
Phone: (712) 258-6890  
Fax: (712) 274-6114

Quote:

Customer:

Site Name:

Description:

Date:

Monopine

By:

Page: