



NXFL-378 Windsor

**PHOTOGRAPHIC SIMULATIONS OF
PROPOSED 194' MONOPOLE TOWER
WITH 5' APPURTENANCE, TOTAL HEIGHT 199' AGL**

FOR PROPOSED WIRELESS TELECOMMUNICATIONS FACILITY

March 14, 2025



Ehrke Enterprises, LLC

3441 NW 103rd Drive
Gainesville, Florida 32606
Phone: (352) 215-8539
Email: jamesehrke@eellc.org

PHOTOGRAPHIC SIMULATIONS * BALLOON TESTS * LAND SURVEYING * CAD SERVICES



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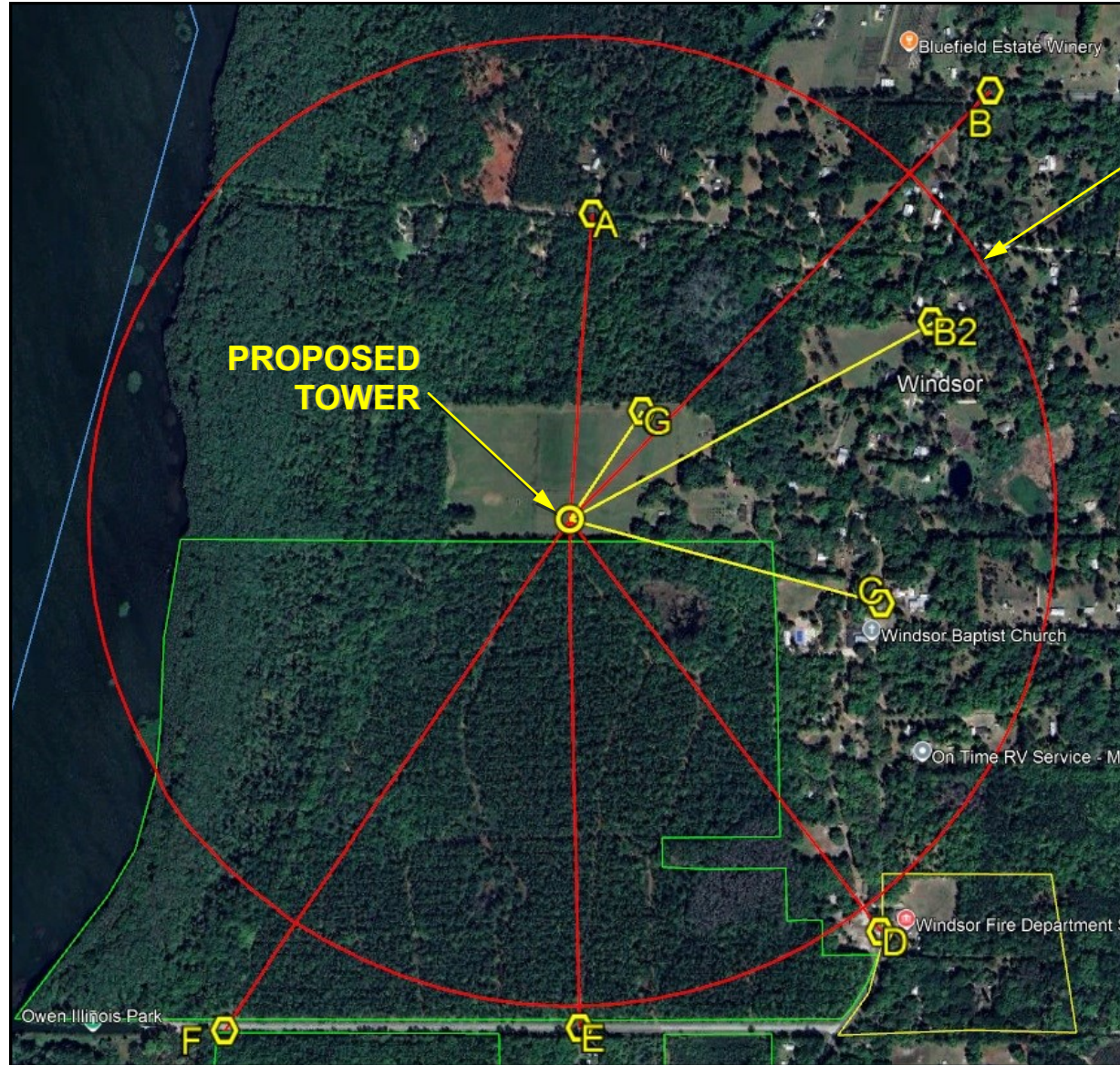
SHEET TITLE

Photographic Simulations 194' Monopole Tower
With 5' appurtenance

COVER SHEET

SHEET#

1



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Photo Location Map

SHEET#

2



Existing view of Tower from 1664' looking South. Proposed tower not visible.



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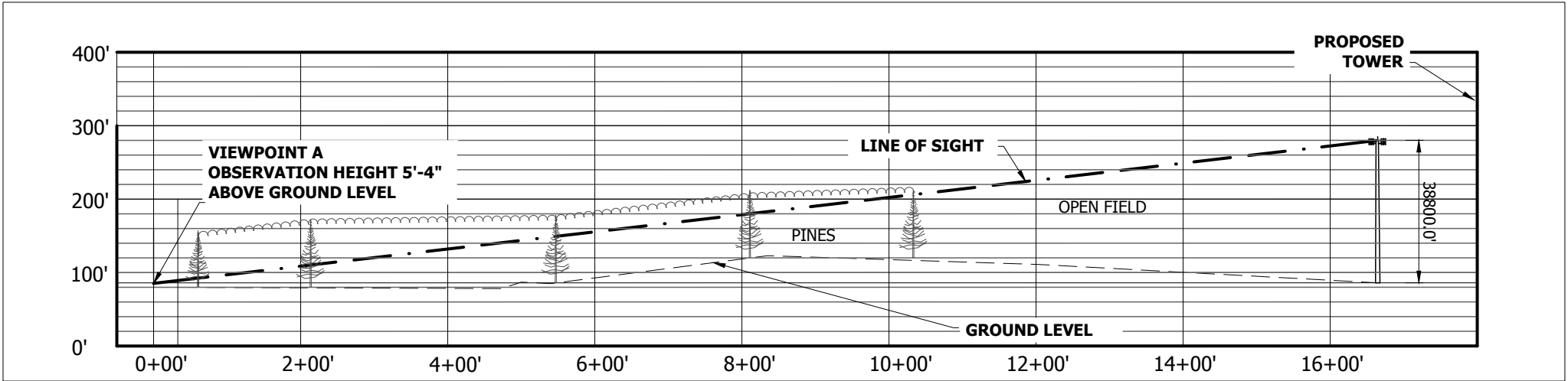
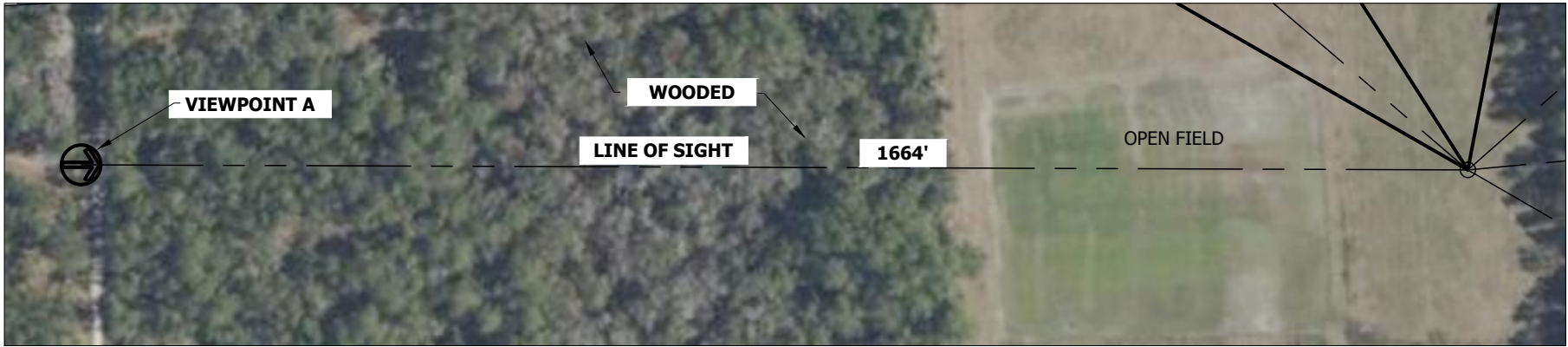
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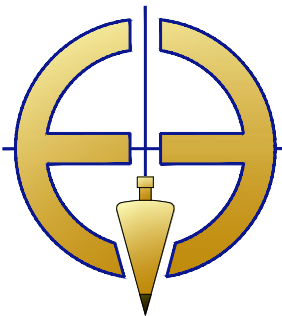
View A

SHEET#

3



HORIZONTAL SCALE 1" = 200'
VERTICAL SCALE 1" = 200'



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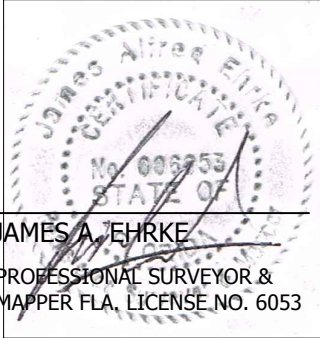
PROFESSIONAL SURVEYOR AND MAPPER BUSINESS CERTIFICATE NO.: LB 7942

**SPECIFIC PURPOSE SURVEY
VIEWPOINT A
LINE OF SIGHT TO PROPOSED TOWER
SITE NUMBER: NXFL 378 SITE NAME: WINDSOR**

SURVEYOR'S NOTES

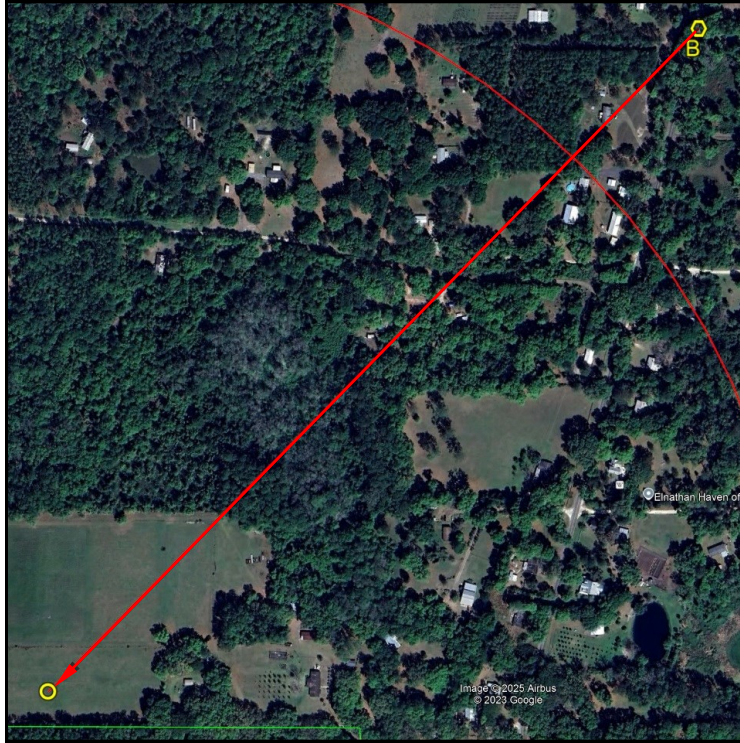
1. THE PURPOSE OF THIS SURVEY IS TO DEPICT THE LINE OF SIGHT FROM A SPECIFIC VIEWPOINT TO THE TOP OF THE PROPOSED TOWER.
2. GROUND ELEVATIONS SHOWN HEREON ARE APPROXIMATE AND WERE TAKEN FROM ALACHUA COUNTY MAP GENIUS TOPOGRAPHY LAYER.
3. AVERAGE TREE HEIGHTS WERE MEASURED WITH A HANDHELD LASER IN EACH WOODED AREA AND ARE DEPICTED HEREON WITH GENERIC LOCATION AND SPACING.

This map prepared by:



SEAL

DATE	MARCH 14, 2025
SCALE	AS SHOWN
BOOK/PAGE	23/80
DRAWN	JAE
CHECKED	JAE
PROJECT	24-0079
DRAWING:	LOS BASE.dwg
SHEET #	1 OF 1



**Existing view of Tower from 3269'
looking SW. Proposed tower not visible.**



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With 5' appurtenance

View B

SHEET#

4



Existing View

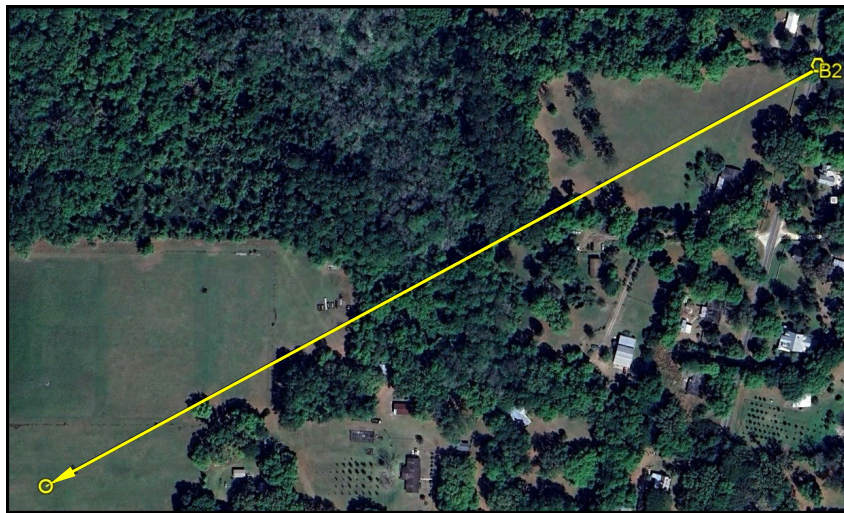


Photo Simulation of Proposed Tower from 2253' looking SW.



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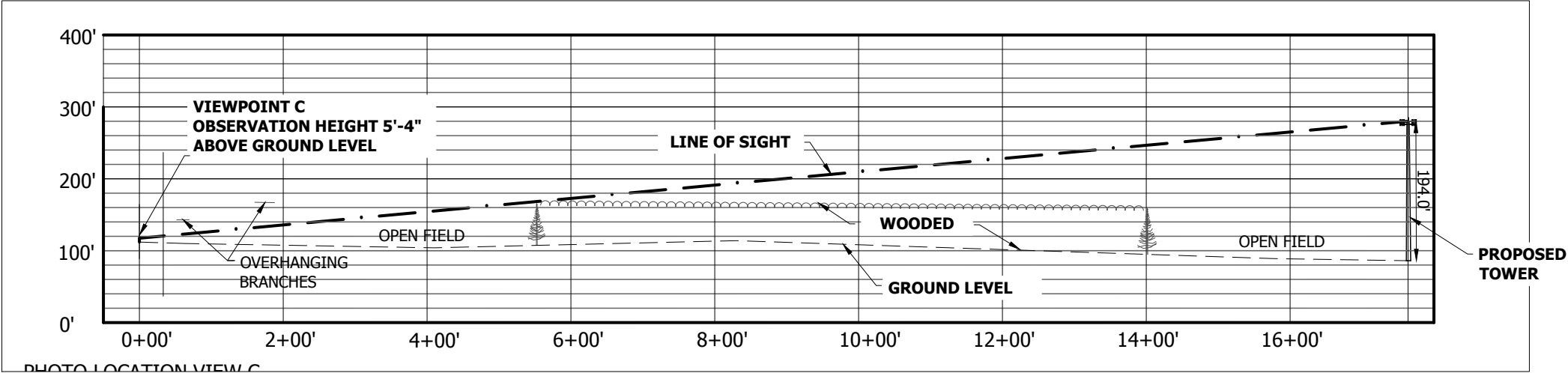
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SHEET TITLE
Photographic Simulations 194' Monopole Tower
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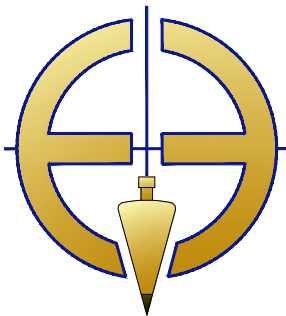
View B2

SHEET#

5



HORIZONTAL SCALE 1" = 200'
VERTICAL SCALE 1" = 200'



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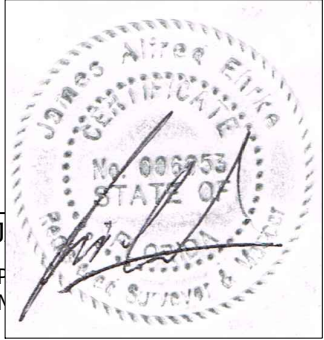
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**SPECIFIC PURPOSE SURVEY
VIEWPOINT C
LINE OF SIGHT TO PROPOSED TOWER
SITE NUMBER: NXFL 378 SITE NAME: WINDSOR**

SURVEYOR'S NOTES

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3. AVERAGE TREE HEIGHTS WERE MEASURED WITH A HANDHELD LASER IN EACH WOODED AREA AND ARE DEPICTED HEREON WITH GENERIC LOCATION AND SPACING.

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DATE	MARCH 14, 2025
SCALE	AS SHOWN
BOOK/PAGE	23/80
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PROJECT	000
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Photo Simulation of
Proposed Tower from
1764' looking Westerly.



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View C

SHEET#

6



Existing view from 2810' looking NW.
Proposed Tower not visible.



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View D

SHEET#

7



**View from 2764' looking North.
Proposed tower not visible.**



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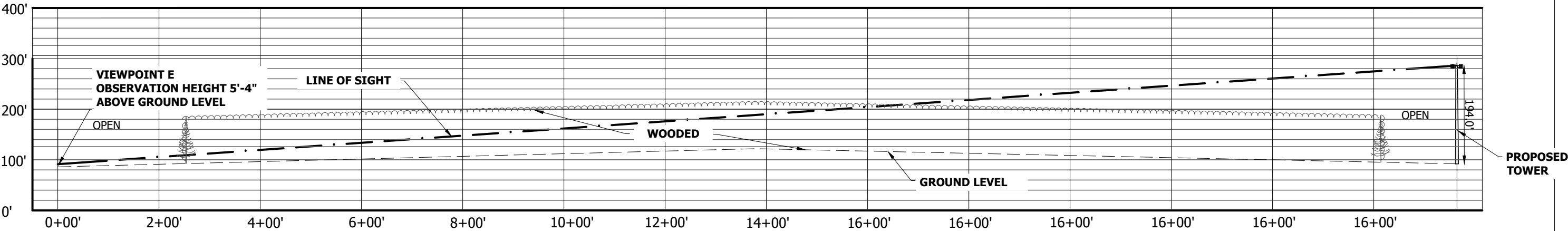
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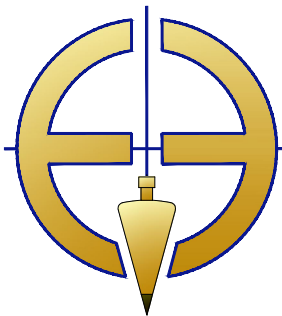
View E

SHEET#

8



HORIZONTAL SCALE 1" = 200'
VERTICAL SCALE 1" = 200'



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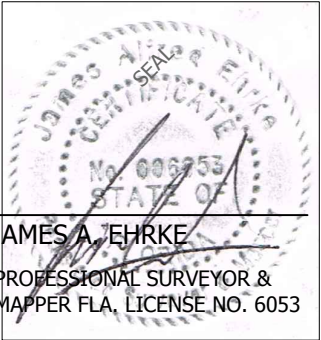
PROFESSIONAL SURVEYOR AND MAPPER BUSINESS CERTIFICATE NO.: LB 7942

SPECIFIC PURPOSE SURVEY
VIEWPOINT E
LINE OF SIGHT TO PROPOSED TOWER
SITE NUMBER: NXFL 378 SITE NAME: WINDSOR

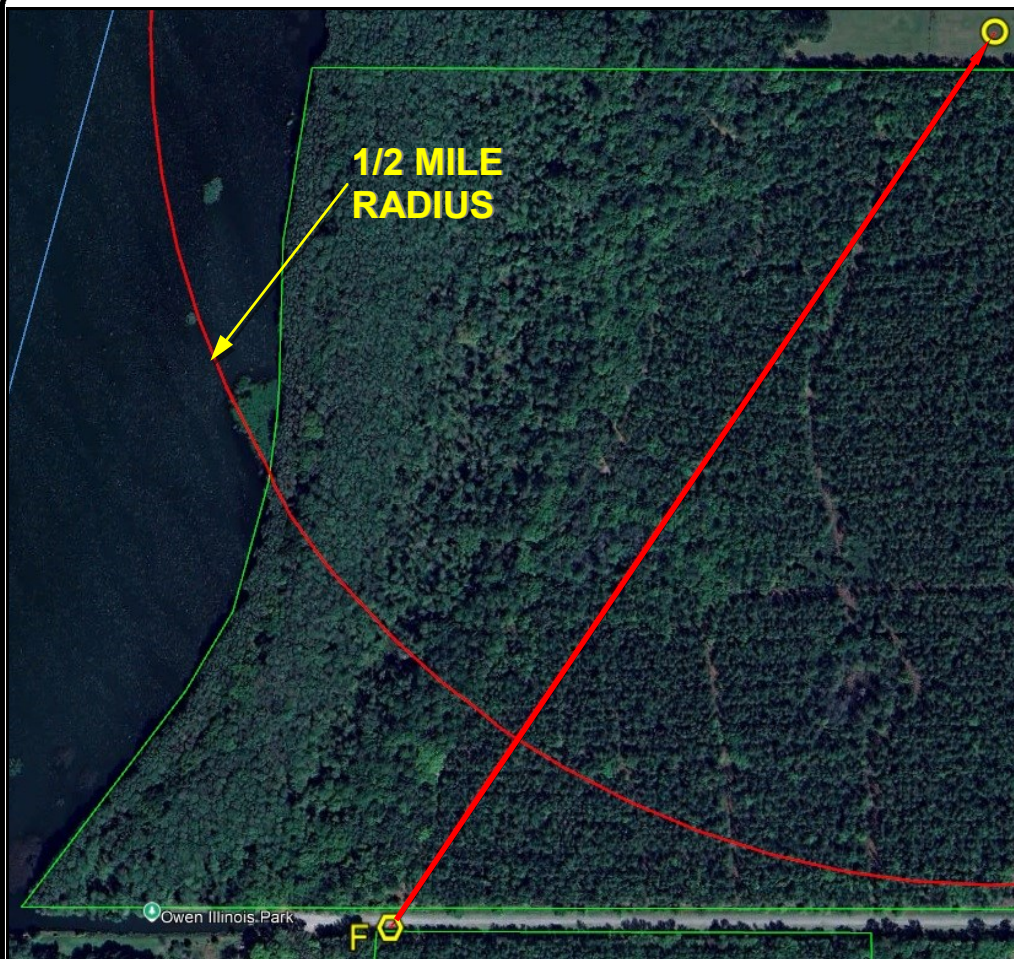
SURVEYOR'S NOTES

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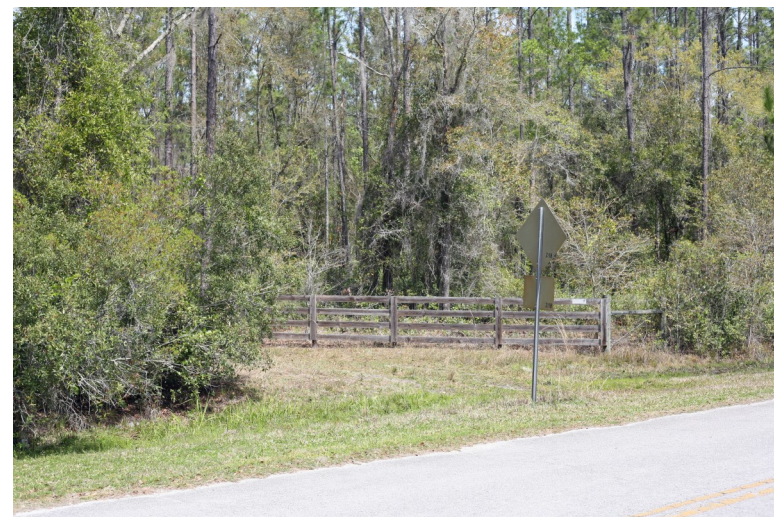
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DRAWN	JAE
CHECKED	JAE
PROJECT	24-0079
DRAWING:	LOS BASE.dwg
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Existing view from 3360' looking NE.
Proposed tower not visible.



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View F

SHEET#

9



Existing View



Photo Simulation of Proposed Tower from 711' looking SW.



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View G

SHEET#

10

The process used to generate the enclosed photo simulation is a quantitative approach, which precisely creates the effect or anticipated visual impact of proposed tall structures.

The computations utilized to prepare the simulation are based on the theory of photogrammetry, which is the science of measurement by means of photographs. The scale and position of objects in photographs vary according to the distance and position of the corresponding actual objects relative to the camera. The photogrammetric relationship between height and distance is an inverse proportionate relationship.

When necessary, both horizontal and oblique photographs are utilized to control the accurate placement of the simulated tall structure within the target photograph. The height of the proposed tall structure in the target photograph is based on data obtained from a certified balloon test performed at the proposed site.

Both reference photographs and target photographs are produced in digital format utilizing a fixed 50 mm camera lens and full frame digital camera. (35mm camera equivalent) A 50 mm camera lens is used because when combined with a 35 mm film format, it is considered to best approximate the viewpoint of the human eye.

The procedure utilized to produce our photo simulations is listed below:

- Reference photographs are taken of existing similar tall structures with known or measured heights, at a known distance from the tall structure.
- Target photographs are taken of the proposed tall structure location during a certified balloon test from various points of interest. Mapping Grade Hand Held GPS is used to determine the distance from the camera lens to the proposed tall structure location.
- Digital photographs are up-loaded into an image-editing program, which is utilized to generate the photo simulation.
- Based on reference photograph and target photograph intelligence, the pictorial height and placement of the simulated tall structure is calculated and placed within the target photograph.



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SHEET TITLE
**Photographic Simulations 194' Monopole Tower
With 5' appurtenance**

PHOTO SIMULATION METHODOLOGY

SHEET#

11

To Whom It May Concern:

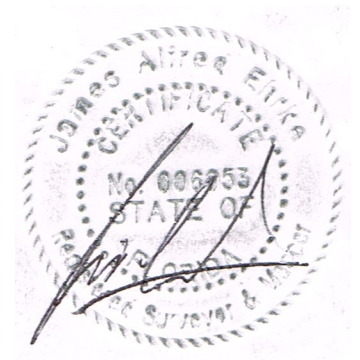
We hereby certify that on March 14, 2025 between the time of 12:20 pm and 3:00 pm, we positioned a Five foot +/- diameter weather balloon at approximately 199 feet above ground level at Latitude 29° 38' 39.7" North and Longitude 82° 11' 33.9" West.

Please contact at me at (352) 215-8539 if I can provide additional information.

Ehrke Enterprises, LLC

James A. Ehrke

James A. Ehrke
Florida Registered Surveyor and Mapper
Certificate of Registration No. 6053



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Balloon Test Certification

SHEET#

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