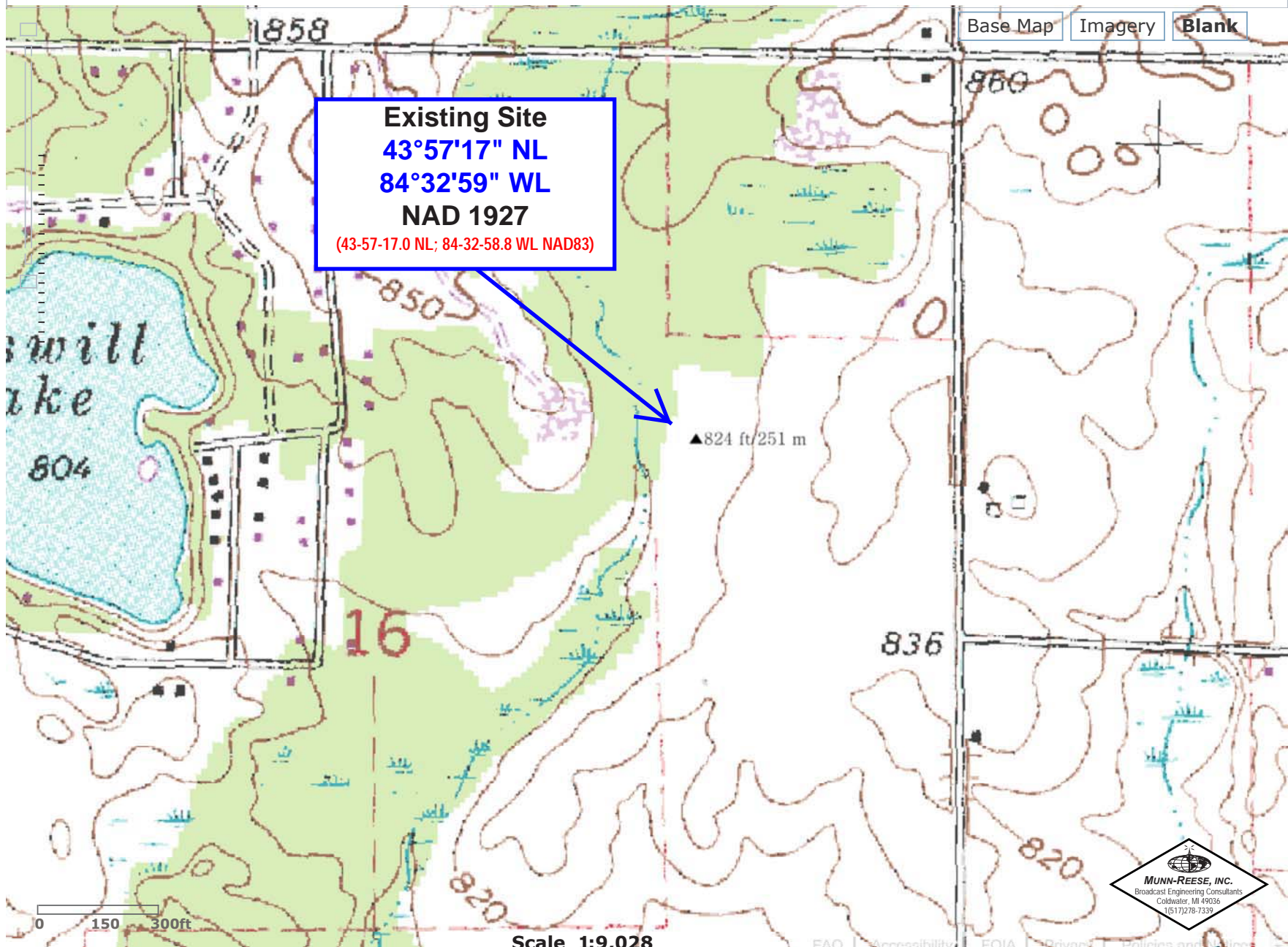


# Exhibit 15.1 - Copy of USGS Topographic Map of Existing Site

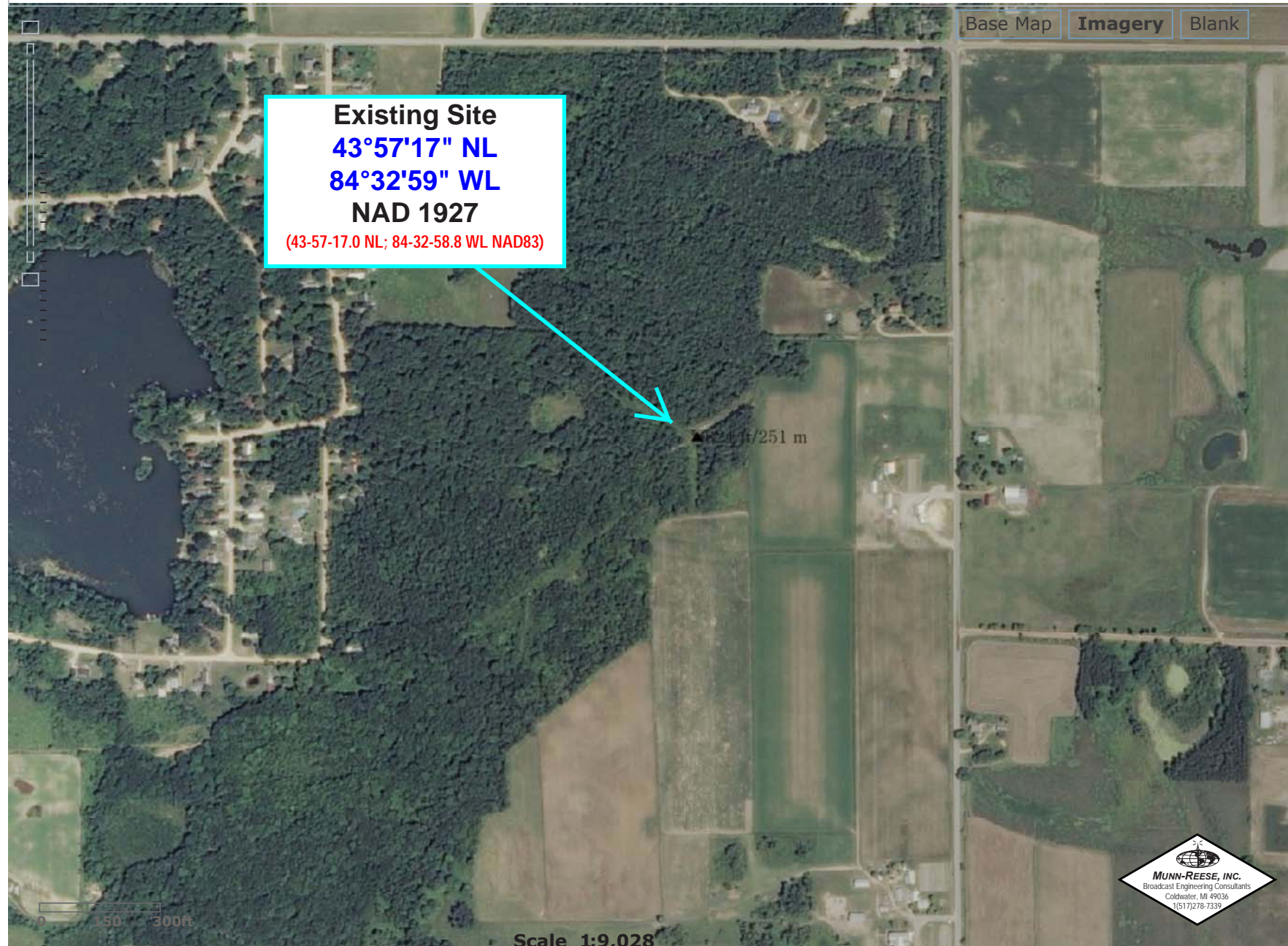
Base Map Imagery Blank

**Existing Site**  
**43°57'17" NL**  
**84°32'59" WL**  
**NAD 1927**  
 (43-57-17.0 NL; 84-32-58.8 WL NAD83)



Scale 1:9,028

## Exhibit 15.2 - Copy of USGS Aerial Photograph of Existing Site



## Exhibit 15.3

### Vertical Plan of Antenna System

The site is located at 1130 Grout Road,  
the city of Gladwin, Gladwin County, Michigan.

#### Site Location (NAD 27)

NL: 43° 57' 17"

WL: 84° 32' 59"

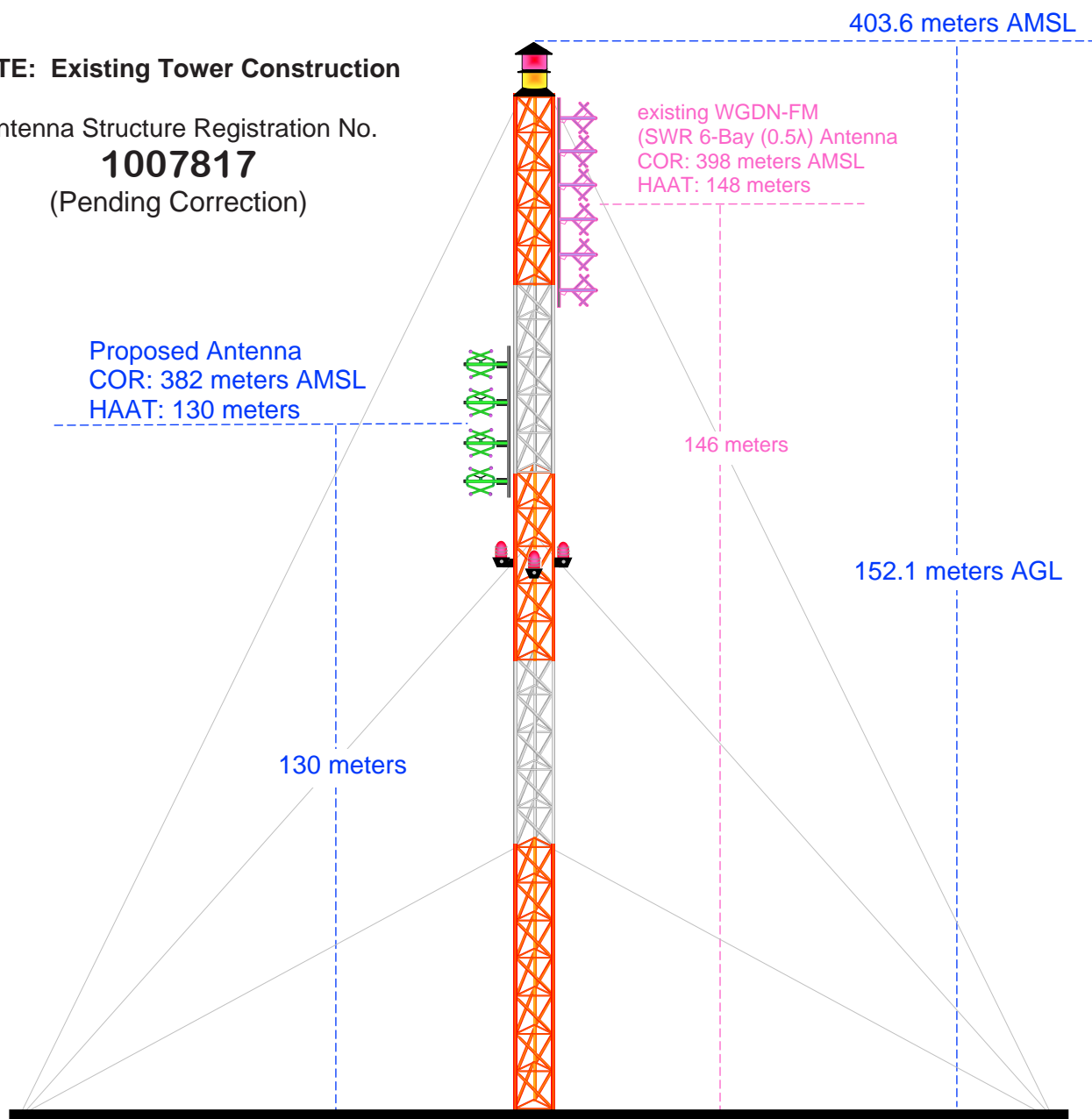
(43-57-17.0 NL; 84-32-58.8 WL NAD1983)

#### NOTE: Existing Tower Construction

Antenna Structure Registration No.

**1007817**

(Pending Correction)



Ground Elevation = 251.5 m AMSL

Drawing is not to Scale

**MUNN REESE, INC.**

Broadcast Engineering Consultants  
Coldwater, MI 49036

## Exhibit 15.4

### Proposed FM Operating Specifications

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**Applicant:** The Country King, Incorporated

**Call:** WKKM(FM)

**City of License:** Harrison, MI

**Frequency:** 90.7 MHz    **Channel:** 214C3    **ERP:** 10.0 kW    **HAAT:** 130 M

**Transmitter Location:** The site is located at 1130 Grout Road

**City:** Gladwin

**County:** Gladwin

**State:** Michigan

**Site Coordinates:** NL: 43° 57' 17"    /    WL: 84° 32' 59"

**Tower Registration Number:** 1007817 (pending correction)

**Proposed Operation:** Class C3

**Effective Radiated Power:** 10.0 kW (H)    10.0 kW (V)

**Height of Antenna Radiation Center Above:**

	<u>Average Terrain</u>	<u>Mean Sea Level</u>	<u>Ground</u>
Horizontal	130 meters	382 meters	130 meters
Vertical	130 meters	382 meters	130 Meters

**Elevation of Tower Site :** 251.5 Meters AMSL

**Overall Height of Structure Above Ground :** 152.1 Meters AGL

**Overall Height of Structure Above Mean Sea Level:** 403.6 Meters AMSL

## Exhibit 15.5 Present vs Proposed Service Contour Study

**WKKM.P**  
Proposed Operation  
Latitude: 43-57-17 N  
Longitude: 084-32-59 W  
ERP: 10.00 kW  
Channel: 214  
Frequency: 90.7 MHz  
AMSL Height: 382.0 m  
Horiz. Pattern: Directional  
Vert. Pattern: No  
Prop Model: None

60 dBu Contour  
Total Population: 74,363  
Total Area: 3,270 sq. km

**WKKM.L**  
BLED20110718AAF  
Latitude: 44-01-02 N  
Longitude: 084-47-56 W  
ERP: 0.10 kW  
Channel: 214  
Frequency: 90.7 MHz  
AMSL Height: 366.0 m  
Horiz. Pattern: Omni  
Vert. Pattern: No  
Prop Model: None

60 dBu Contour  
Total Population: 7,654  
Total Area: 138 sq. km

