

Registration Detail

Reg Number	1048679	Status	Constructed
File Number	A0057268	Constructed	01/01/1986
EMI	No	Dismantled	
NEPA	No		

Antenna Structure

Structure Type TOWER - Free standing or Guyed Structure used for Commu

Location (in NAD83 Coordinates)

Lat/Long	27-56-36.0 N 081-54-44.0 W	Address	6715 DE WITT RD
City, State	LAKELAND , FL		
Zip	33813	County	POLK
Center of AM Array		Position of Tower in Array	

Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
61.0	107.0
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
168.0	107.0

Painting and Lighting Specifications

FCC Paragraphs 1, 3, 12, 21

FAA Notification

FAA Study	86-ASO-2797-OE	FAA Issue Date	12/18/1987
-----------	----------------	----------------	------------

Owner & Contact Information

FRN	Owner Entity Type
Owner	
REXROAD, RICHARD	P: (941)425-1781
P.O. Box 11	F:
MULBERRY , FL 33860	E:
Contact	
	P:
	F:
	E:

Last Action Status

Status	Constructed	Received	05/26/1998
Purpose	New	Entered	05/27/1998
Mode	Mail In (Manual)		

Related Applications

05/26/1998 A0057268 - New (NE)

Comments

Comments

None

History

Date	Event
None	

Automated Letters

None

Exhibit 16.2

Vertical Plan of Antenna System

The site is located at 6715 De Witt Road;
the city of Lakeland, Polk County, Florida.

Site Location (NAD 27)

NL: 27° 56' 35"

WL: 81° 54' 45"

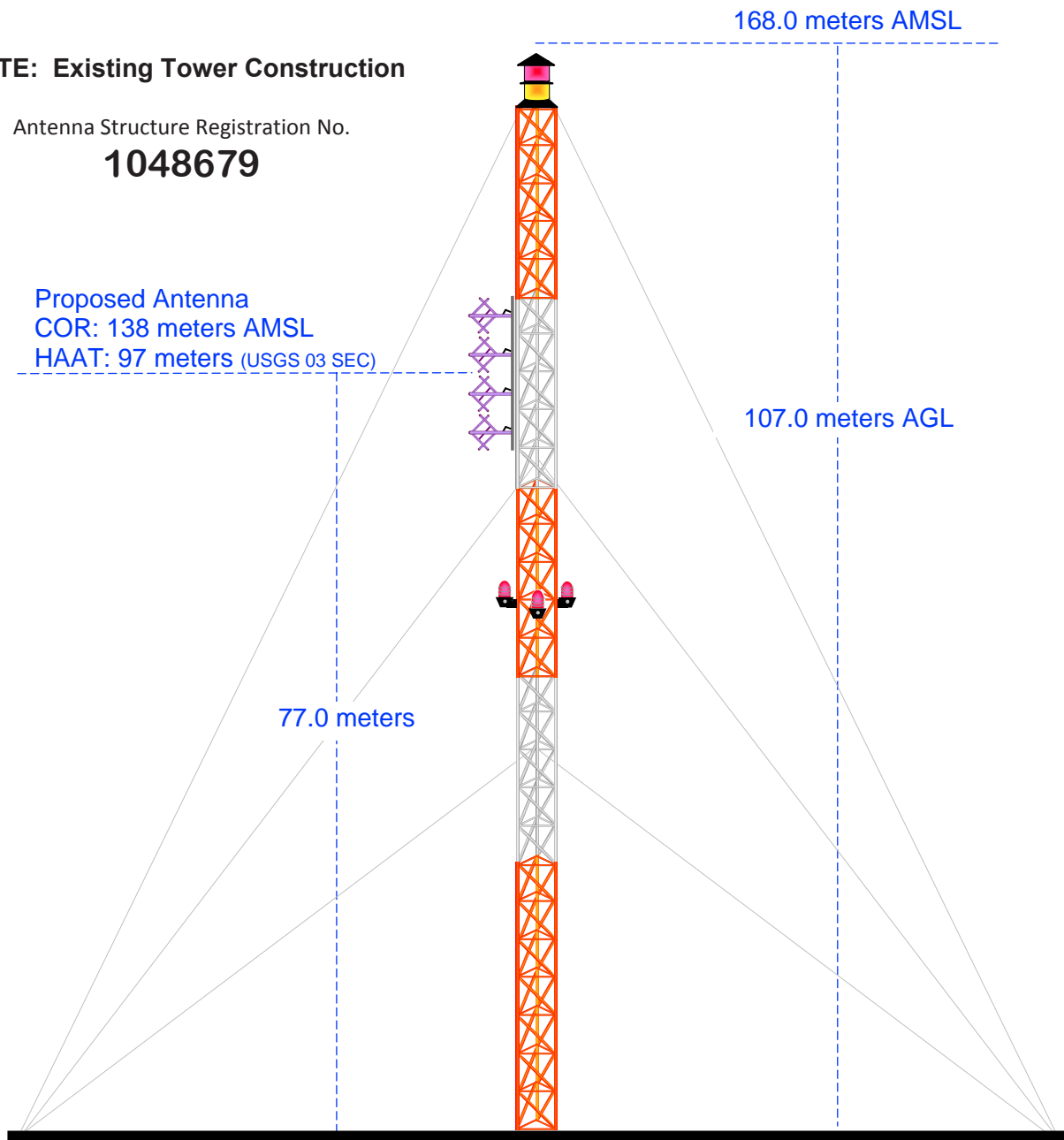
(27-56-36.0NL; 81-54-44.0WL NAD1983)

NOTE: Existing Tower Construction

Antenna Structure Registration No.

1048679

Proposed Antenna
COR: 138 meters AMSL
HAAT: 97 meters (USGS 03 SEC)



Ground Elevation = 61.0 m AMSL

Drawing is not to Scale

MUNN-REESE, INC.

Broadcast Engineering Consultants
Coldwater, MI 49036

Exhibit 16.3

Proposed FM Operating Specifications

Applicant: Bible Broadcasting Network, Inc.

Call: WYFO(FM)

City of License: Lakeland, FL

Frequency: 91.9 MHz **Channel:** 220C3 **ERP:** 25.0 kW **HAAT:** 97 M

Transmitter Location: The site is located at 6715 De Witt Road.

City: Lakeland

County: Polk

State: Florida

Site Coordinates: NL: 27° 56' 35" / WL: 81° 54' 45"

Tower Registration Number: 1048679

Proposed Operation: Class C3

Effective Radiated Power: 25.0 kW (H) 25.0 kW (V)

Height of Antenna Radiation Center Above:

	<u>Average Terrain</u>	<u>Mean Sea Level</u>	<u>Ground</u>
Horizontal	97 meters	138.0 meters	77.0 meters
Vertical	97 meters	138.0 meters	77.0 meters

Elevation of Tower Site : 61.0 Meters AMSL

Overall Height of Structure Above Ground : 107.0 Meters AGL

Overall Height of Structure Above Mean Sea Level: 168.0 Meters AMSL

USGS 03 SEC Terrain Database
U.S. Census 2010 PL Database

Exhibit 16.4 Present vs. Proposed Service Contour Study

Proposed 60 dBμ F(50:50) Contour

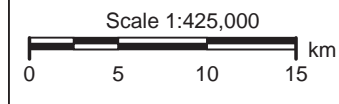
Licensed 60 dBμ F(50:50) Contour

WYFO.P
Lakeland, FL
Proposed Operation
Facility ID: 5116
Latitude: 27-56-35 N
Longitude: 081-54-45 W
ERP: 25.00 kW
Channel: 220C3
Frequency: 91.9 MHz
AMSL Height: 138.0 m
Horiz. Pattern: Directional

60 dBμ Contour
Total Population: 784,554
Total Area: 4,374 sq. km

WYFO.L
Lakeland, FL
BLED1990604KA
Facility ID: 5116
Latitude: 27-56-35 N
Longitude: 081-54-45 W
ERP: 25.00 kW
Channel: 220C3
Frequency: 91.9 MHz
AMSL Height: 139.0 m
Horiz. Pattern: Directional

60 dBμ Contour
Total Population: 623,387
Total Area: 3,817 sq. km



V-Soft Communications LLC ©

