

EXHIBIT 13.1
COPY OF ANTENNA STRUCTURE REGISTRATION**Registration Detail**

Reg Number	1030891	Status	Constructed
File Number	A0036593	Constructed	07/01/1988
FAA Study	82-AGL-185-OE	EMI	No
FAA Issue Date	05/03/1982	NEPA	No

Antenna Structure

Structure Type TOWER - Free standing or Guyed Structure used for Communications Purposes

Location (in NAD83 Coordinates)

Lat/Long 41-06-13.0 N 085-11-28.0 W 3632 BUTLER RD
 City, State FORT WAYNE , IN
 Center of
 AM Array

Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
248.0	227.7
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
475.7	212.0

Painting and Lighting Specifications

FCC Paragraphs 1, 3, 5, 14, 21

Owner & Contact Information

FRN

Licensee ID

Owner

FORT WAYNE PUBLIC TELEVISION
 P.O. Box 39
 FORT WAYNE , IN 46801-0039

P: (219)484-8839
 E: TV39@WFWA.PBS.ORG

Contact

P:
 E:

Last Action Status

Status	Constructed	Received	09/29/1997
Purpose	New	Entered	10/03/1997
Mode	Mail In (Manual)		

Related Applications

09/29/1997 A0036593 - New (NE)

Comments

EXHIBIT 13.2

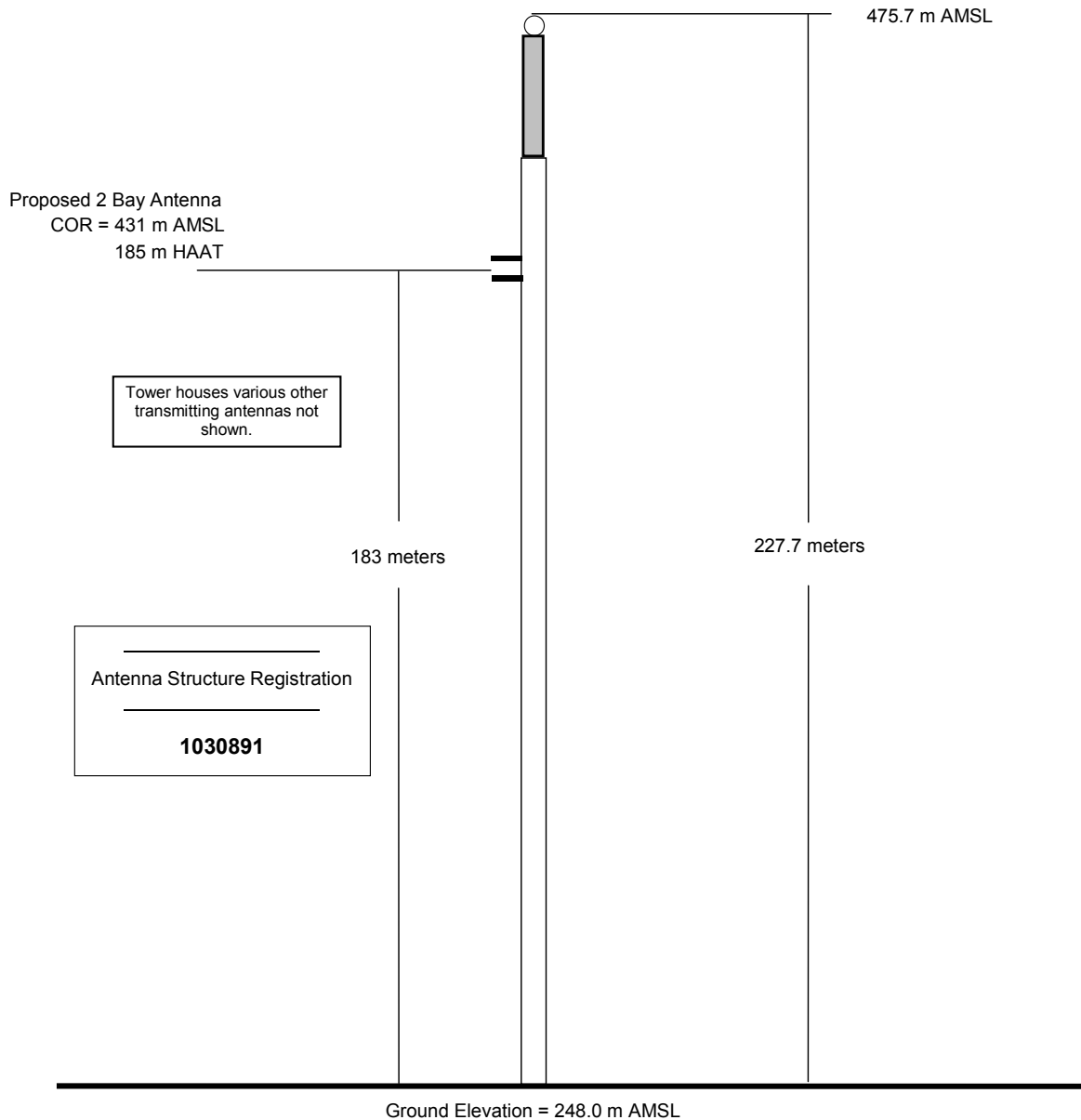
VERTICAL PLAN OF ANTENNA SYSTEM

The site is located at 3632 Butler Rd.
Fort Wayne, Allen County, Indiana.

Site Location

NL: 41° 06' 13"

WL: 85° 11' 28"



Drawing is not to Scale

Guy wires are not shown

MUNN-REESE, INC.

Broadcast Engineering Consultants
Coldwater, MI 49036

EXHIBIT 13.3

TABULATION OF POPULATION AND AREA

PROPOSED OPERATION

<u>CONTOUR</u>	<u>AREA</u>	<u>POPULATION</u>
1.0 mV/m	2,350.38 km ²	349,545

The population within the 1.0 mV/m contour was determined by superimposing the desired contour onto U.S. Standard Civil Division maps of the 2000 Census, and assuming the population centroid methodology for population distribution within each minor civil division. The data was computer generated using Probe II™ software.

The computer generated service area is based on the average distance to the 60 dBu service contour using 360 equally spaced radials.

EXHIBIT 13.4

PROPOSED FM OPERATING SPECIFICATIONS

Applicant: Indiana District Lutheran Church Missouri Synod, Inc.

Call: WLAB

City of License: Fort Wayne, IN

Frequency: 88.3 MHz **Channel:** 202B1 **ERP:** 3.2 kW **HAAT:** 185 m

Transmitter Location: 3632 Butler Road

City: Fort Wayne

County: Allen County

State: Indiana

Site Coordinates: NL 41° 06' 13" / WL 85° 11' 28" (NAD-27)

Tower Registration Number: 1030891

Proposed Operation: Class B1

Effective Radiated Power: 3.2 kW

Height of Antenna Radiation Center Above:

	<u>Average Terrain</u>	<u>Mean Sea Level</u>	<u>Ground</u>
Horizontal	185 meters	431 meters	183 meters
Vertical	185 meters	431 meters	183 meters

Elevation of Tower Site: 248.0 meters AMSL

Overall Height of Structure Above Ground: 227.7 meters AGL

Overall Height of Structure Above Mean Sea Level: 475.7 meters AMSL

WLAB-LI

BLED19930105KB
 Latitude: 41-05-58 N
 Longitude: 085-08-43 W
 ERP: 7.00 kW
 Channel: 202
 Frequency: 88.3 MHz
 AMSL Height: 349.0 m
 Elevation: 236.0 m
 HAAT: 104.0 m
 Horiz. Pattern: Directional
 Vert. Pattern: No
 Prop Model: FCC Curves

WLAB-AP

Latitude: 41-06-13 N
 Longitude: 085-11-28 W
 ERP: 3.20 kW
 Channel: 202
 Frequency: 88.3 MHz
 AMSL Height: 431.0 m
 Elevation: 248.0 m
 HAAT: 184.83 m
 Horiz. Pattern: Directional
 Vert. Pattern: No
 Prop Model: FCC Curves

■ WLAB-LI
 ■ WLAB-AP

EXHIBIT 13.5
Licensed and Proposed Contours

