

**Exhibit 13.1 - Copy of Existing
Antenna Structure Registration****Registration Detail**

Reg Number	1029219	Status	Constructed
File Number	A0368000	Constructed	03/18/2004
FAA Study	2003-AGL-8112-OE	EMI	No
FAA Issue Date	02/13/2004	NEPA	No

Antenna Structure

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

Location (in NAD83 Coordinates)

Lat/Long 41-20-56.0 N 087-24-02.0 W 14602 CLARK
 City, State CROWN POINT , IN
 Center of
 AM Array

Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
221.0	306.6
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
527.6	289.4

Painting and Lighting Specifications

FAA Chapters 4, 7, 12
 Paint and Light in Accordance with FAA Circular Number 70/7460-1K

Owner & Contact Information

FRN	0007318348	Licensee ID	L00548055
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Owner

NORTHWEST INDIANA PUBLIC BROADCASTING INC
 DBA = WYIN CH 56
 Attention To: HENRY RUEHWEIDEL
 8625 INDIANA PLACE
 MERRILLVILLE , IN 46410

P: (219)756-5656
 E:

Contact

P:
 E:

Last Action Status

Status	Constructed	Received	03/18/2004
Purpose	Notification	Entered	03/18/2004
Mode	Interactive		

Related Applications

03/18/2004 A0368000 - Notification (NT)
 02/24/2004 A0365217 - Notification (NT)
 02/24/2004 A0365218 - Modification (MD)
 Related applications (5)

Comments

Exhibit 13.2

Vertical Plan of Antenna System

The site is located at 14602 Clark Road,
the city of Crown Point, Lake County, Indiana.

Site Location (NAD 27)

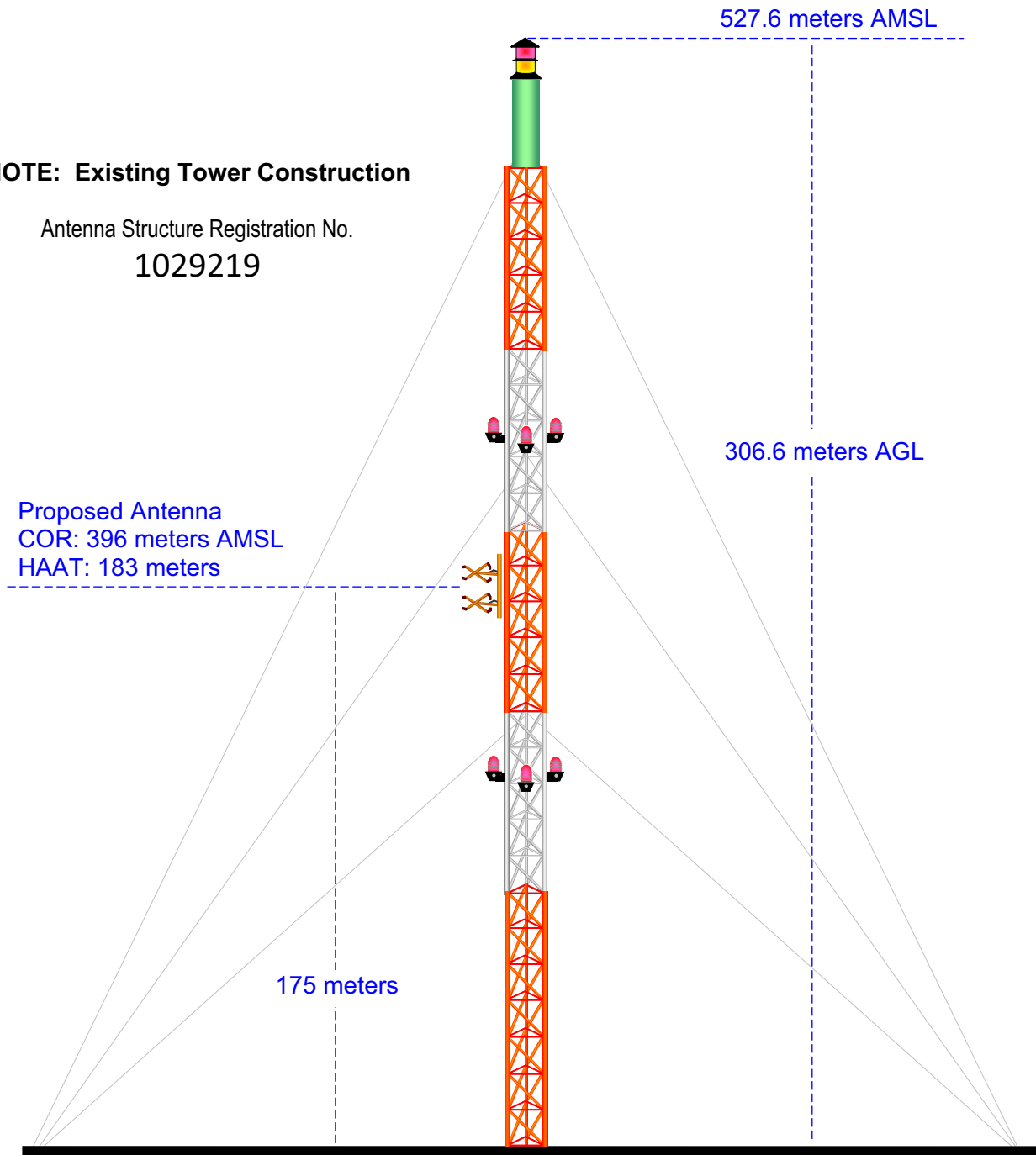
NL: 41° 20' 56"

WL: 87° 24' 02"

NOTE: Existing Tower Construction

Antenna Structure Registration No.
1029219

Proposed Antenna
COR: 396 meters AMSL
HAAT: 183 meters



Ground Elevation = 221.0 m AMSL
Drawing is not to Scale

MUNN-REESE, INC.
Broadcast Engineering Consultants
Coldwater, MI 49036

EXHIBIT 13.3

PROPOSED FM OPERATING SPECIFICATIONS

Applicant: Hyles-Anderson College

Call: WRTW.C

City of License: Crown Point, IN

Frequency: 90.5 MHz **Channel:** 213B1 **ERP:** 3.1 kW **HAAT:** 183 M

Transmitter Location: The site is located at 14602 Clark.

City: Crown Point

County: Lake

State: Indiana

Site Coordinates: NL: 41° 20' 56" / WL: 87° 24' 02"

Tower Registration Number: 1029219

Proposed Operation: Class B1

Effective Radiated Power: 3.1 kW (H) 3.1 kW (V)

Height of Antenna Radiation Center Above:

	<u>Average Terrain</u>	<u>Mean Sea Level</u>	<u>Ground</u>
Horizontal	183 meters	396 meters	175 meters
Vertical	183 meters	396 meters	175 meters

Elevation of Tower Site : 221.0 Meters AMSL

Overall Height of Structure Above Ground : 306.6 Meters AGL

Overall Height of Structure Above Mean Sea Level: 527.6 Meters AMSL

Exhibit 13.4 Present vs. Proposed Service Contour Study

WRTW.C
BPED19891019MA
 Latitude: 41-27-56 N
 Longitude: 087-24-29 W
 ERP: 10.00 kW
 HAAT: 69.0 m
 Channel: 213
 Frequency: 90.5 MHz
 AMSL Height: 271.0 m
 Horiz. Pattern: Directional
 Vert. Pattern: No
 Prop Model: None

60 dBu Contour
 Total Population: 489,688
 Total Area: 1329.64 sq. km

WRTW.P
Proposed Operation
 Latitude: 41-20-56 N
 Longitude: 087-24-02 W
 ERP: 3.10 kW
 HAAT: 183 m
 Channel: 213
 Frequency: 90.5 MHz
 AMSL Height: 396.0 m
 Horiz. Pattern: Directional
 Vert. Pattern: No
 Prop Model: None

60 dBu Contour
 Total Population: 577,455
 Total Area: 2298.29 sq. km

Present 60 dBu f(50:50)

Proposed 60 dBu f(50:50)

