

Exhibit 27.1 - Copy of Existing Antenna Structure Registration



Registration Detail

Reg Number	1060954	Status	Constructed
File Number	A0319899	Constructed	01/01/1981
EMI	No	Dismantled	
NEPA	No		

Antenna Structure

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

Location (in NAD83 Coordinates)

Lat/Long	45-49-15.0 N 088-02-30.0 W	Address	105 EAST KENT STREET
City, State	IRON MOUNTAIN , MI		
Zip	49801	County	DICKINSON
Center of AM Array		Position of Tower in Array	

Heights (meters)

Elevation of Site Above Mean Sea Level	477.0	Overall Height Above Ground (AGL)	59.4
Overall Height Above Mean Sea Level	536.4	Overall Height Above Ground w/o Appurtenances	59.4

Painting and Lighting Specifications

FCC Paragraphs 1, 3, 11, 21

FAA Notification

FAA Study	CE-OE-65-807	FAA Issue Date	02/07/1974
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Owner & Contact Information

FRN	0008743155	Owner Entity Type	
Assignor FRN	0008743155	Assignor ID	L00329430

Owner

Northern Star Broadcasting, LLC
 213 South Airport, West
 Traverse City , MI 49689
 P: (800)968-0981
 F:
 E:

Contact

Tillotson , DAVid
 4606 Charleston Terrace, N.W.
 Washington , DC 20007
 P: (202)625-6241
 F:
 E: dtlaw@starpower.net

Last Action Status

Status	Constructed	Received	04/07/2003
Purpose	Change Owner	Entered	04/07/2003
Mode	Interactive		

Related Applications

04/07/2003	A0319899 - Change Owner (OC)
02/16/1999	A0071420 - New (NE)

Comments

Comments

None

History

Date	Event
04/08/2003	Registration Printed
04/08/2003	Change of Ownership Letter Sent
04/07/2003	Change of Ownership Received

Automated Letters

04/08/2003	Ownership Change, Reference 279617
04/08/2003	Authorization, Reference 279673

Exhibit 27.2

Vertical Plan of Antenna System

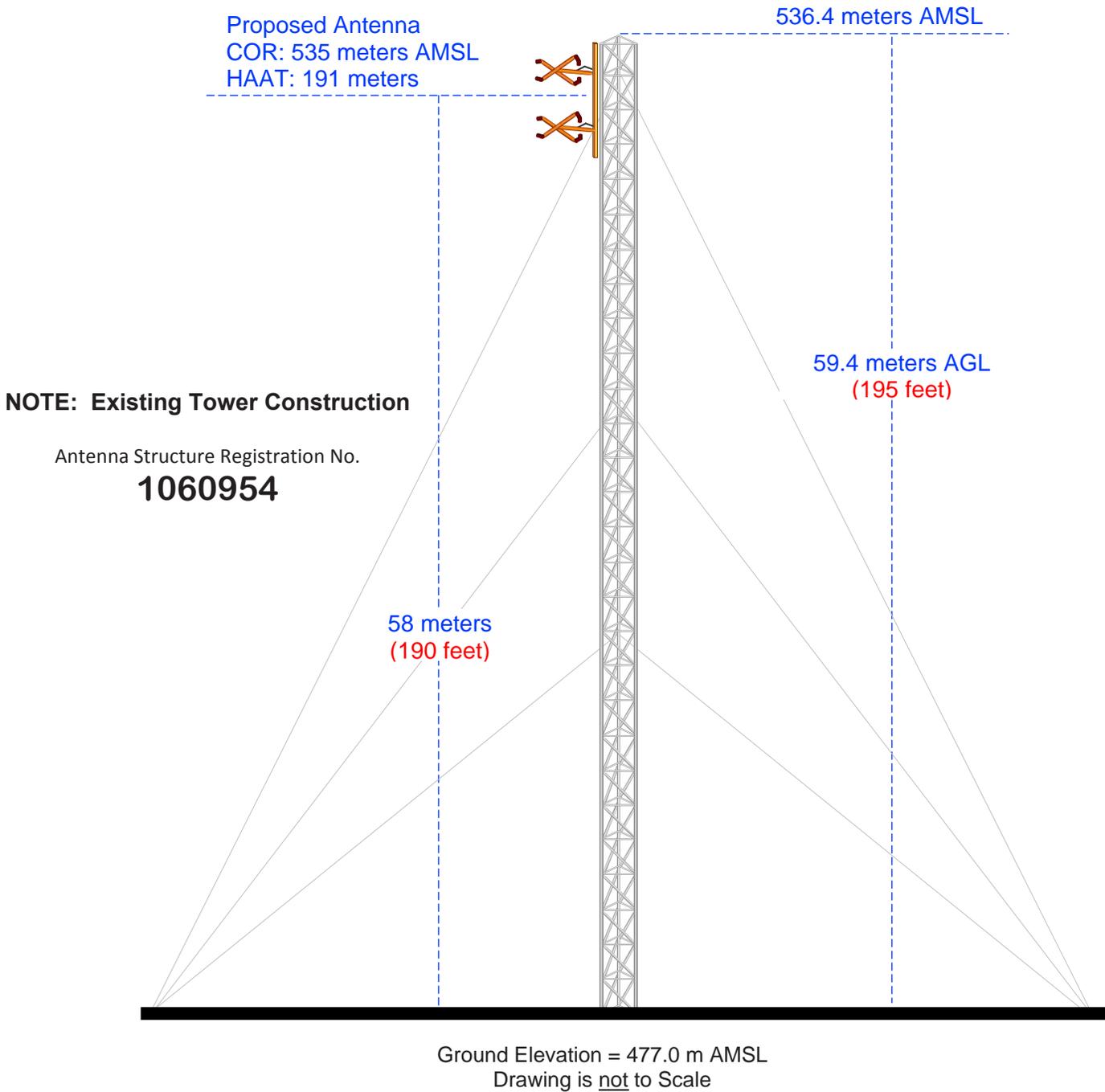
The site is located at 105 East Kent Street,
the city of Iron Mountain, Dickinson County, Michigan.

Site Location (NAD 27)

NL: 45° 49' 15"

WL: 88° 02' 30"

(45-49-15.0NL; 88-02-30.0WL NAD1983)





NED 03 SEC Terrain Database
US Census 2010 PL Database

Exhibit 27.4 Present vs. Proposed Service Contour Study

WZNL.L
Norway, MI
BLH19950605KA
Facility ID: 74549
Latitude: 45-49-15 N
Longitude: 088-02-25 W
ERP: 2.40 kW
Channel: 232C3
Frequency: 94.3 MHz
AMSL Height: 543.0 m
Horiz. Pattern: Omni

70 dBµ Contour
Total Population: 28,346
Total Area: 1,053 sq. km

60 dBµ Contour
Total Population: 35,000
Total Area: 3,097 sq. km

WZNL.P
Norway, MI
Proposed Operation
Facility ID: 74549
Latitude: 45-49-15 N
Longitude: 088-02-30 W
ERP: 2.55 kW
Channel: 232C3
Frequency: 94.3 MHz
AMSL Height: 535.0 m

70 dBµ Contour
Total Population: 28,282
Total Area: 1,041 sq. km

60 dBµ Contour
Total Population: 34,965
Total Area: 3,059 sq. km

Licensed 60 dBµ F(50:50)
Proposed 60 dBµ F(50:50)

Licensed 70 dBµ F(50:50)
Proposed 70 dBµ F(50:50)

WZNL.P WZNL.L
Iron Mountain
Kingsford
Niagara

