

# Exhibit 12.1 - Copy of Existing Antenna Structure Registration

**Registration Detail**

Reg Number	1003574	Status	Constructed
File Number	A0004083	Constructed	01/01/1981
FAA Study	80-GL-605-OE	EMI	No
FAA Issue Date	04/02/1980	NEPA	No

**Antenna Structure**

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

**Location** (in NAD83 Coordinates)

Lat/Long 43-52-09.0 N 085-29-04.0 W 715 DAILEY DR

City, State REED CITY , MI

Center of AM Array

**Heights (meters)**

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
310.9	46.9
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
357.8	46.9

**Painting and Lighting Specifications**

None

**Owner & Contact Information**

FRN

Licensee ID

**Owner**

CARMINE, DAVID A  
209 E SPRUCE ST  
P.O. Box 549  
HARRISON , MI 48625-0549

P: (517)539-7105  
E:

**Contact**

P:  
E:

**Last Action Status**

Status	Constructed	Received	10/09/1996
Purpose	New	Entered	10/15/1996
Mode	Mail In (Manual)		

**Related Applications**

10/09/1996 A0004083 - New (NE)

**Comments****Comments**

10/31/1996 CORRECTED MISKEYED FAA STUDY NUMBER.

**Automated Letters**

None



## Exhibit 12.2

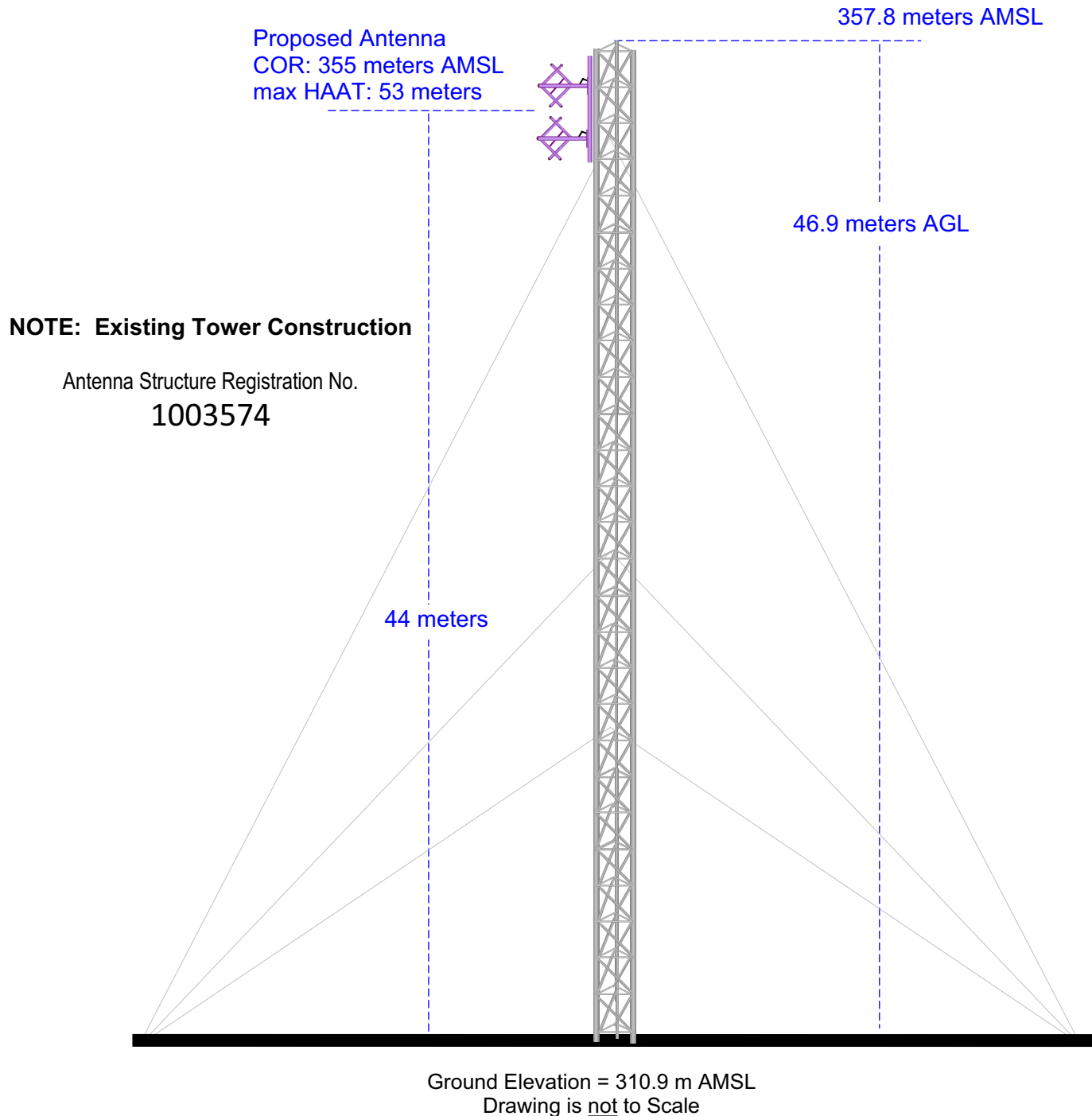
### Vertical Plan of Antenna System

The site is located at 715 Dailey Drive  
the city of Reed City, Osceola County, Michigan.

#### Site Location (NAD 27)

NL: 43° 52' 09"

WL: 85° 29' 04"



**MUNN-REESE, INC.**

Broadcast Engineering Consultants  
Coldwater, MI 49036

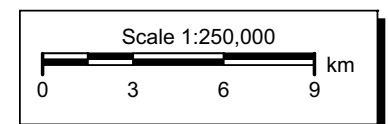
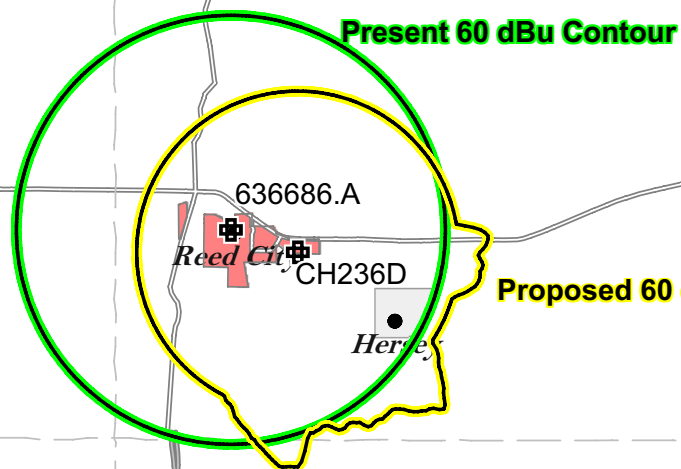
636686.A  
BNPFT20030317JWP  
Latitude: 43-52-33 N  
Longitude: 085-30-43 W  
ERP: 0.25 kW  
Channel: 236  
Frequency: 95.1 MHz  
AMSL Height: 331.0 m  
Horiz. Pattern: Omni  
Vert. Pattern: No  
Prop Model: None

60 dBu Contour  
Total Population: 5,551  
Total Area: 158.15 sq. km

CH236D  
Proposed Operation  
Latitude: 43-52-09 N  
Longitude: 085-29-04 W  
ERP: 0.08 kW  
Channel: 236  
Frequency: 95.1 MHz  
AMSL Height: 355.0 m  
Horiz. Pattern: Omni  
Vert. Pattern: No  
Prop Model: None

60 dBu Contour  
Total Population: 4,629  
Total Area: 98.96 sq. km

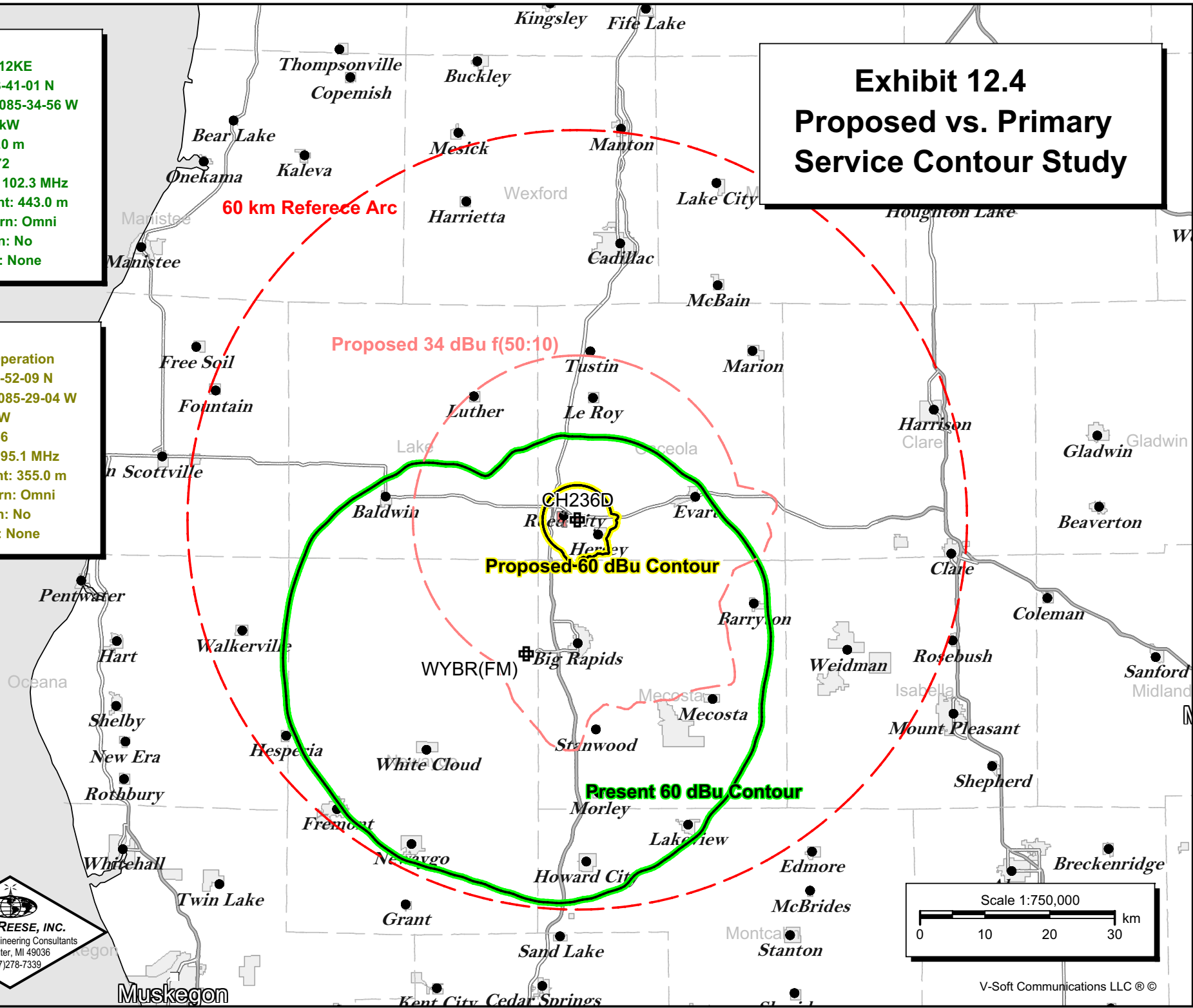
## Exhibit 12.3 Present vs. Proposed Service Contour Study



**WYBR(FM)**  
BLH19921112KE  
Latitude: 43-41-01 N  
Longitude: 085-34-56 W  
ERP: 10.50 kW  
HAAT: 133.0 m  
Channel: 272  
Frequency: 102.3 MHz  
AMSL Height: 443.0 m  
Horiz. Pattern: Omni  
Vert. Pattern: No  
Prop Model: None

**CH236D**  
Proposed Operation  
Latitude: 43-52-09 N  
Longitude: 085-29-04 W  
ERP: 0.08 kW  
Channel: 236  
Frequency: 95.1 MHz  
AMSL Height: 355.0 m  
Horiz. Pattern: Omni  
Vert. Pattern: No  
Prop Model: None

## Exhibit 12.4 Proposed vs. Primary Service Contour Study



# Exhibit 12.5

## Tabulation of Proposed Allocation

Tabulations of contours will be supplied upon request.

Mentor Partners, Inc.

REFERENCE		CH# 236D - 95.1 MHz, Pwr= 0.08 kw, HAAT= 11.4 M, COR= 355 M								DISPLAY DATES	
43 52 09.0 N.		Average Protected F(50-50)= 5.33 km								DATA 05-27-08	
85 29 04.0 W.		Omni-directional								SEARCH 05-27-08	
CH CITY	CALL	TYPE STATE	ANT <--	AZI	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
236D Reed City	636686	APP MI	_C_	288.6 108.6	2.33 BNPFT20030317JWP	43 52 33.0 85 30 43.0	0.250	23.8 331	7.1 Mentor Partners, Inc.	-26.75*	-22.16*
233C1 Hemlock	AL9594	RSV MI	___	102.3 282.9	72.57 RM10057	43 43 36.0 84 36 16.0	100.000 299	9.9 521	71.0	56.89	0.90
Pet. for Recon. filed 11/19/2001											
236D Cadillac	640425	APP MI	_C_	9.6 189.6	39.66 BNPFT20030317EHD	44 13 16.0 85 24 06.0	0.050	29.8 508	8.9 Fred Hannel	4.59	13.36
233C1 Hemlock	WCEN-FM	LIC MI	DCX	102.3 282.9	72.57 BMLH20041124AGB	43 43 36.0 84 36 16.0	100.000 299	8.9 519	67.2 Nm Licensing Llc	57.83	4.71
235C3 Scottville	WKZC	LIC MI	_CN	286.0 105.4	77.65 BLH19931022KC	44 03 27.0 86 24 58.0	17.000 122	57.3 318	37.6 Lake Michigan Broadcasting	15.00	32.55
Proposed to Canada as Class C1 950126-Accepted by Canada 950331											
237A Clare	WCFX	CP MI	_CX	104.2 284.7	56.46 BPH20031103ACY	43 44 33.0 84 48 18.0	6.000 99	35.8 358	23.6 Grenax Broadcasting, Llc	15.05	24.95
237A Clare	WCFX	LIC MI	_CN	104.0 284.4	56.59 BMLH19901227KB	43 44 41.0 84 48 09.0	6.000 100	35.2 355	23.2 Grenax Broadcasting, Llc	15.74	25.34
Class B1 with respect to Canada											
239B Grand Rapids	WLHT-FM	LIC MI	_CN	190.5 10.3	94.52 BLH19840120AE	43 01 57.0 85 41 47.0	40.000 168	5.8 397	63.8 Regent Broadcasting Of Gra	82.18	29.51
236B Flint	WFBE	LIC MI	DCN	122.3 303.5	174.03 BMLH19970808KC	43 01 13.0 83 40 40.0	50.000 74	127.7 311	53.7 Citadel Broadcasting Compa	40.98	95.05
Modification of License to change from Non-Commercial to Commercial											
236B Flint	WFBE	APP MI	ZCX	123.3 304.5	178.76 BPH20070518ADJ	42 58 26.0 83 39 01.0	34.000 97	125.5 343	57.7 Citadel Broadcasting Compa	47.98	95.76
One Step Application											
237A Whitehall	WGVS-FM	LIC MI	_CN	230.1 49.5	88.92 BLH19821105AF	43 21 14.0 86 19 38.0	2.000 110	32.8 304	22.1 Grand valley State Univers	50.78	59.33
Accepted by Canada on 940207											
233B Holland	WTNR	LIC MI	_CN	199.1 18.8	119.09 BLH19840309AR	42 51 20.0 85 57 45.0	50.000 152	6.0 353	65.4 Citadel Broadcasting Compa	107.13	52.40

Terrain database is USGS 03 SEC Distance + R = 73.215 or FCC Spacings in KM, Distance + M = Margin in KM  
 Contour distances are on direct line to and from reference station. Reference zone = 2. With 3rd Adj Channels.  
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, \_= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)  
 "\*"affixed to 'IN' or 'OUT' values = site inside protected contour.

**Munn-Reese, Inc.**

Broadcast Engineering Consultants  
 Coldwater, MI 49036