

Exhibit 11.1

Description of Proposed Antenna System

DAYTIME/NIGHTTIME ANTENNA SYSTEM

1. The daytime/nighttime antenna system will consist of five (5) vertical guyed, uniform cross-section steel towers. Two towers will be employed for daytime operation and four towers for nighttime operation. One tower will be common between both arrays. All towers will stand 94.6° or 59.7 meters above a 0.9 meter base pier and insulator for a height of 60.6 meters Above Ground Level (AGL). Obstruction lighting is not required nor is tower registration required for the new towers.
2. The proposed ground system will consist of 120 buried copper radials, extending 56.8 meters in length, about the base of the towers except where shortened to terminate at property boundaries or transverse copper straps running midway between the towers. The material used for the radials will be #10 AWG, soft drawn copper wire.
3. The proposed day antenna system theoretical parameters are as follows:

PROPOSED DAYTIME THEORETICAL PARAMETERS				
TOWER	FIELD	PHASE	SPACING	ORIENTATION
1(E)	1.000	0.0°	0.0°	0.0°
2(W)	0.648	-97.0°	90.0°	283.0°

4. The proposed night antenna system theoretical parameters are as follows:

PROPOSED NIGHTTIME THEORETICAL PARAMETERS				
TOWER	FIELD	PHASE	SPACING	ORIENTATION
1(NE)	1.000	0.0°	0.0°	0.0°
2(NW)	0.810	-16.8°	181.0°	294.0°
3(SE)	0.830	140.0°	90.5°	202.0°
4(SW)	0.672	123.2	181.0°*	294.0°*

* referenced to preceding tower.

5. The theoretical RMS for the proposed daytime operation will be 1564.72 mV/m at one kilometer. The standard pattern RMS will be 1643.79 mV/m at one kilometer with a theoretical RSS of 1607.49 mV/m at one kilometer. Daytime power will be 25.0 kW.
6. The theoretical RMS for the proposed nighttime array will be 431.81 mV/m at one kilometer. The standard pattern RMS will be 453.63 mV/m at one kilometer with a theoretical RSS of 543.81 mV/m at one kilometer. Nighttime power will be 1.9 kW.
7. The sampling system for the proposed array will conform to §73.68 of the Commission's Rules regarding approved sampling systems.

Exhibit 11.2

Vertical Plan of Antenna System

The site is located North of 3591 N. Smith Road.
City of Dimondale, Michigan.

Site Location
NL: 42° 37' 19"
WL: 84° 38' 38"

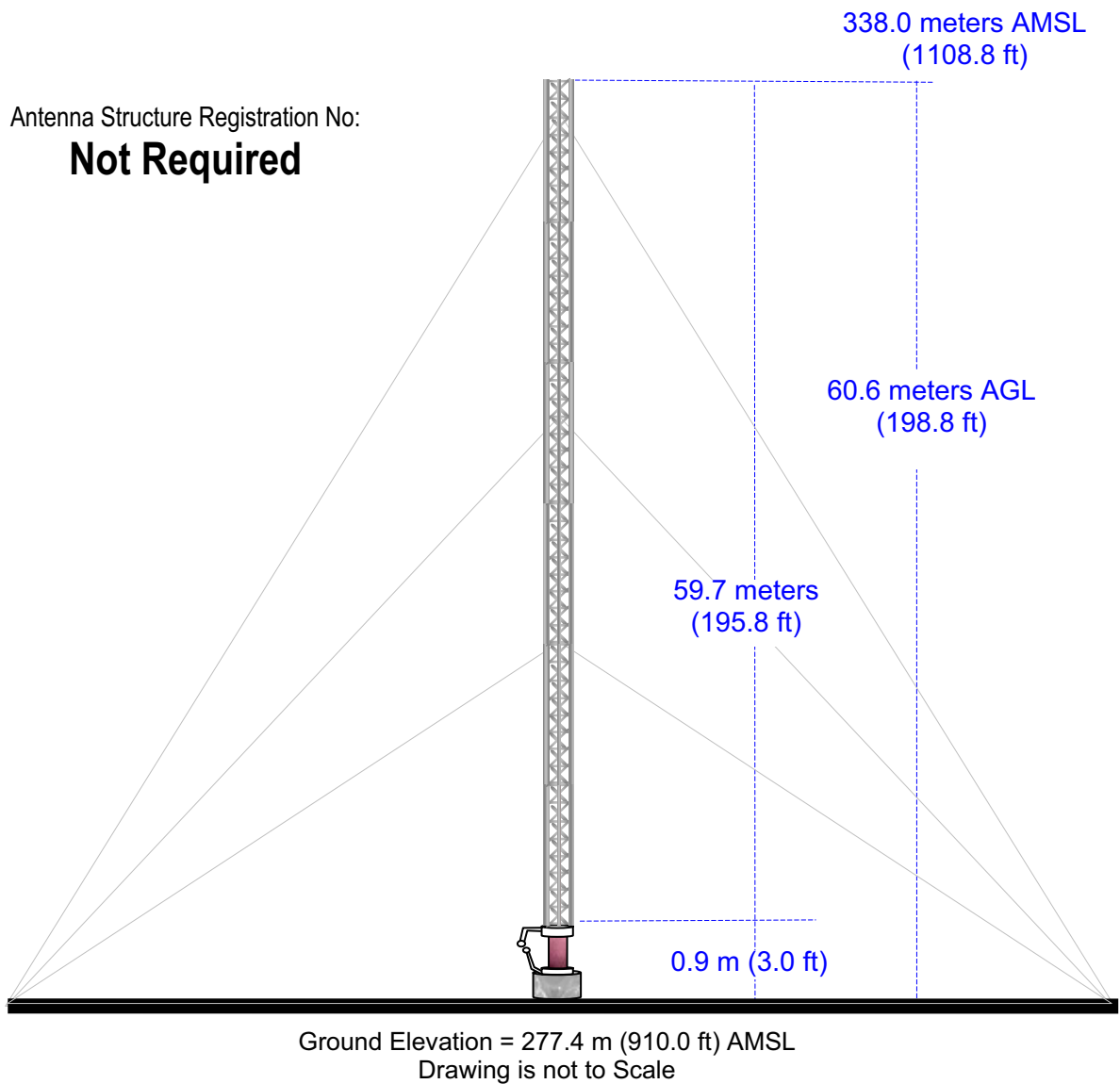
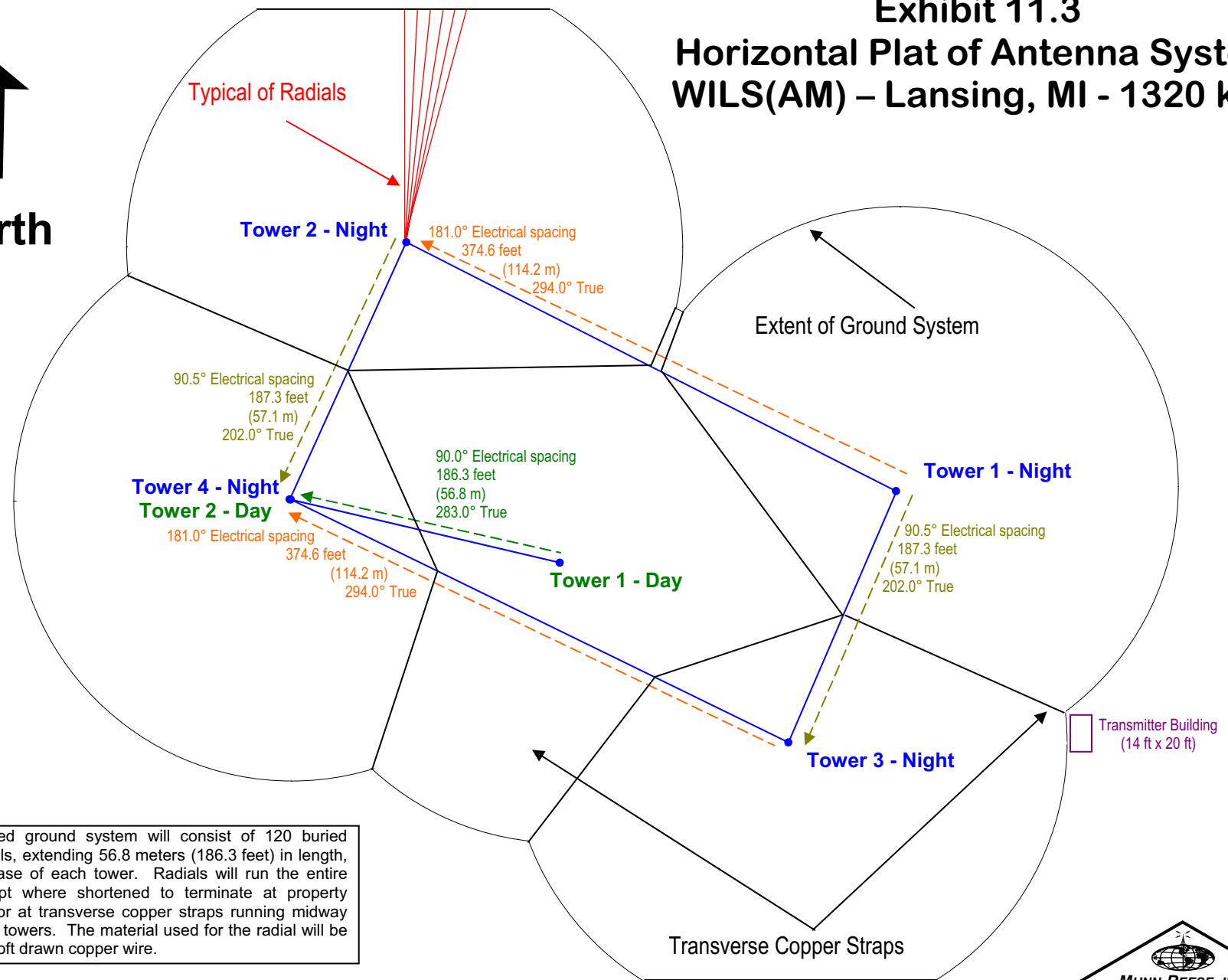


Exhibit 11.3 Horizontal Plat of Antenna System WILS(AM) – Lansing, MI - 1320 kHz

North
↑



The proposed ground system will consist of 120 buried copper radials, extending 56.8 meters (186.3 feet) in length, about the base of each tower. Radials will run the entire length except where shortened to terminate at property boundaries or at transverse copper straps running midway between the towers. The material used for the radial will be #10 AWG, soft drawn copper wire.



Exhibit 11.4
Topographic Map of Proposed Site
WILS(AM) - Lansing, MI - 1320 kHz

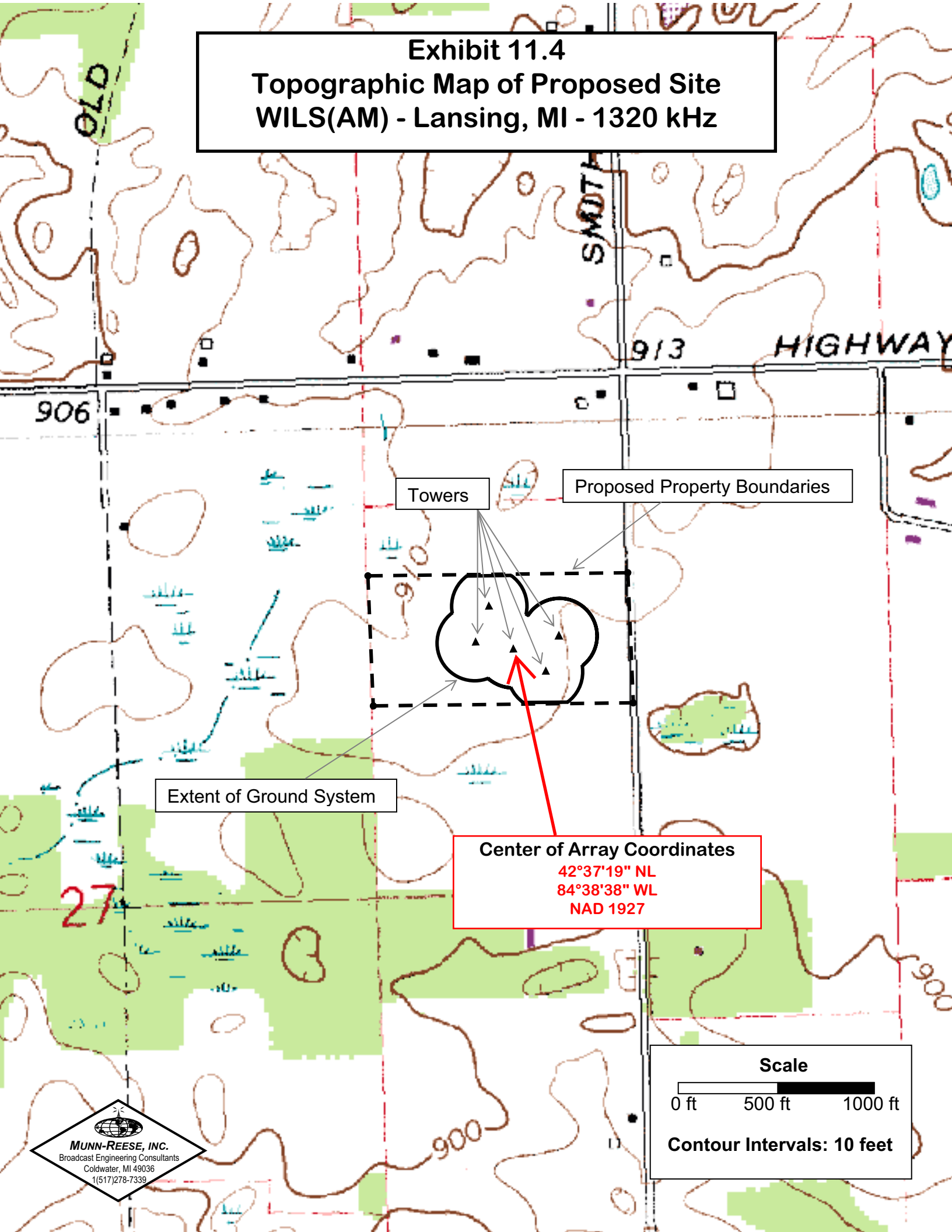
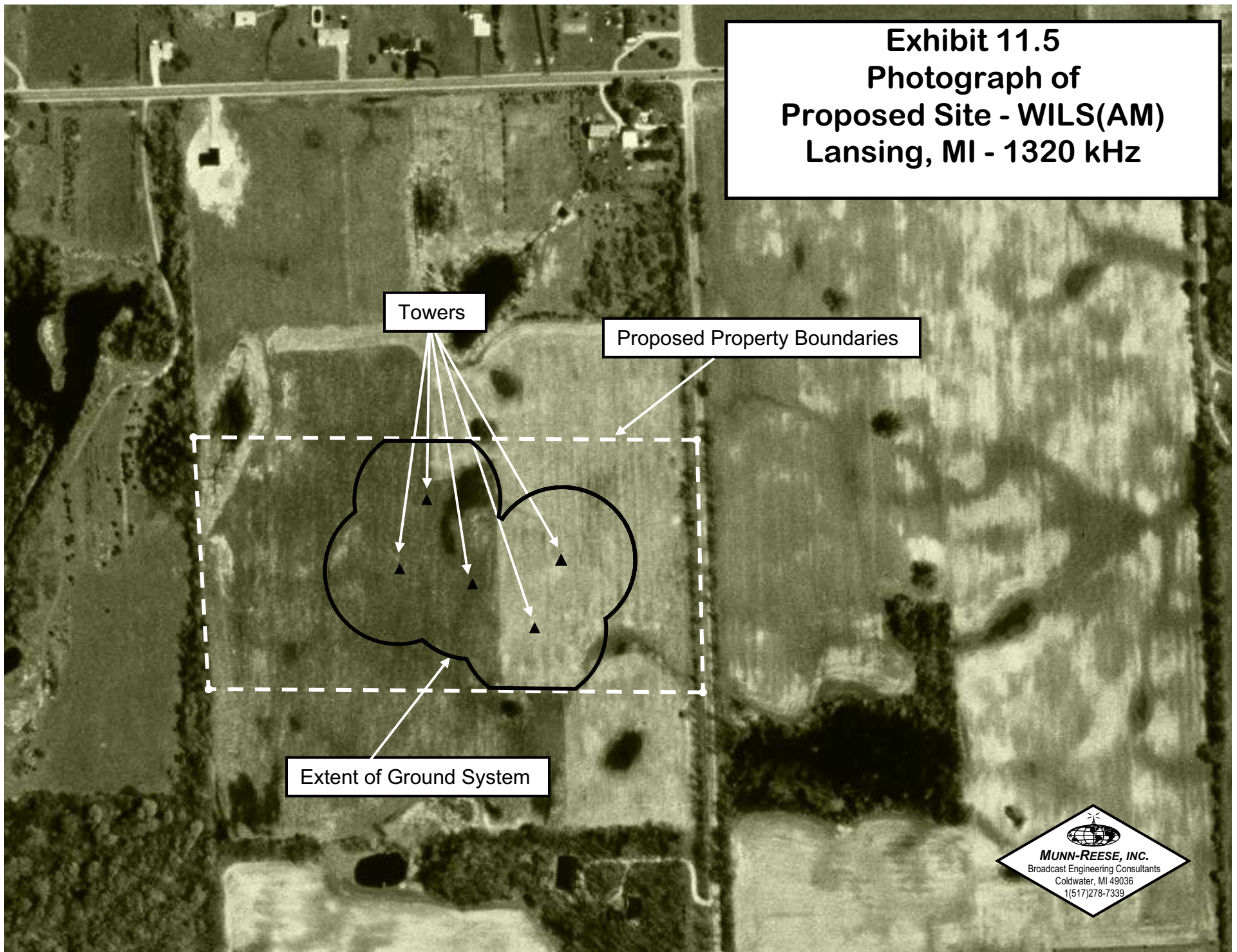
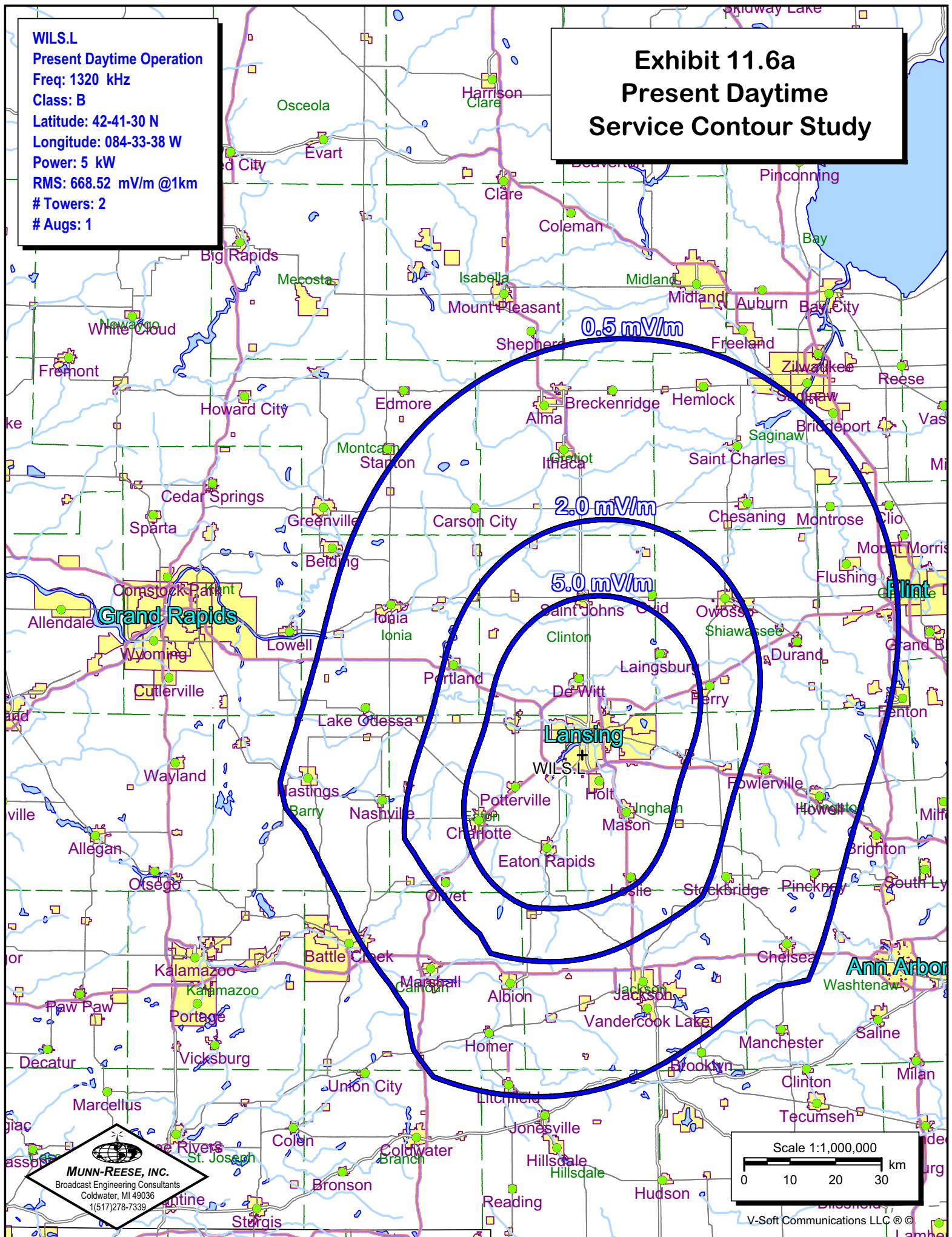


Exhibit 11.5
Photograph of
Proposed Site - WILS(AM)
Lansing, MI - 1320 kHz



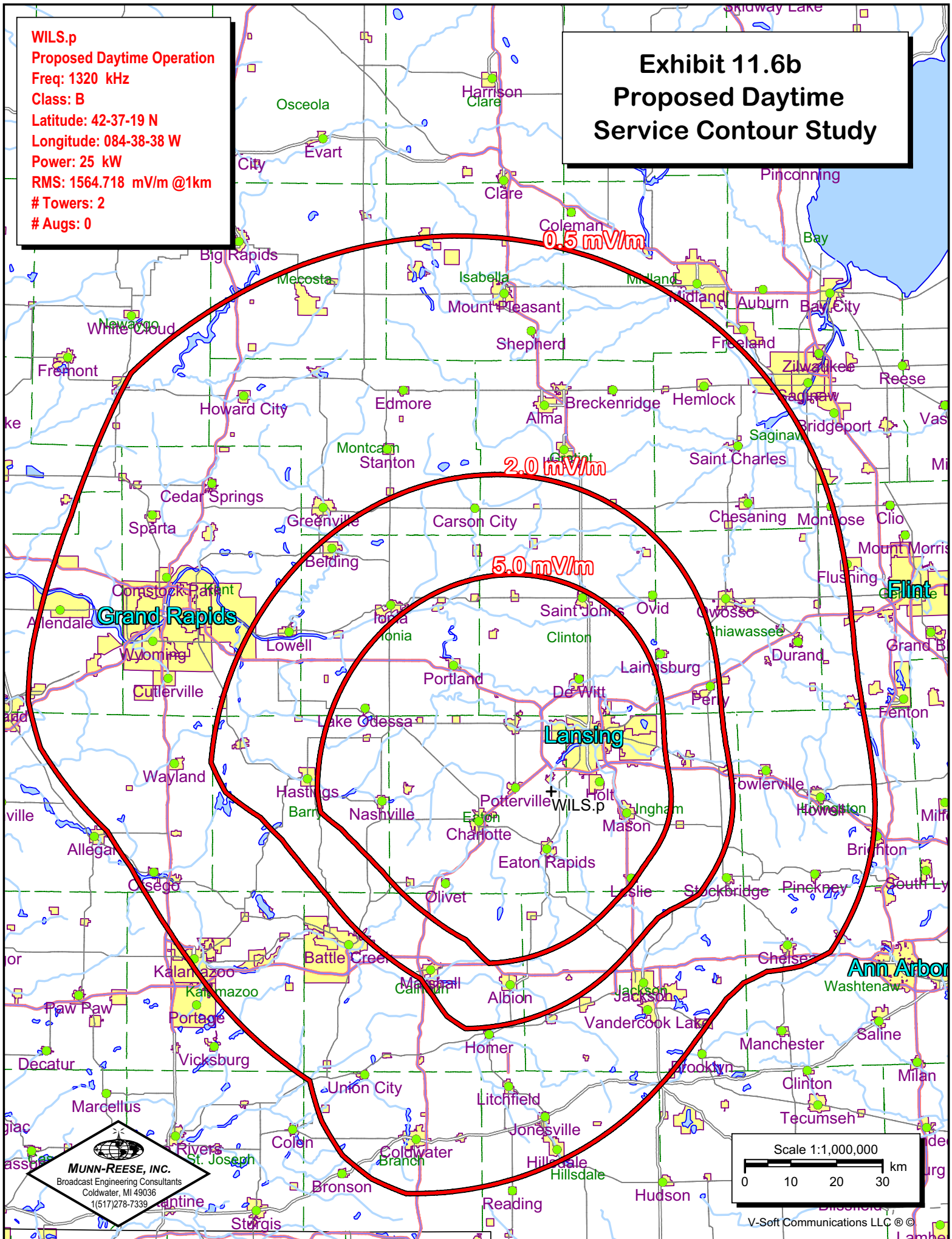
WILS.L
Present Daytime Operation
Freq: 1320 kHz
Class: B
Latitude: 42-41-30 N
Longitude: 084-33-38 W
Power: 5 kW
RMS: 668.52 mV/m @1km
Towers: 2
Augs: 1

Exhibit 11.6a Present Daytime Service Contour Study



WILS.p
Proposed Daytime Operation
Freq: 1320 kHz
Class: B
Latitude: 42-37-19 N
Longitude: 084-38-38 W
Power: 25 kW
RMS: 1564.718 mV/m @1km
Towers: 2
Augs: 0

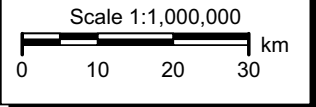
Exhibit 11.6b Proposed Daytime Service Contour Study



Grand Rapids

Lansing

Ann Arbor



V-Soft Communications LLC ©

WILS.p
Proposed Operation
Freq: 1320 kHz
Class: B
Latitude: 42-37-19 N
Longitude: 084-38-38 W
Power: 1.9 kW
RMS: 431.813 mV/m @1km
Towers: 4
Augs: 0

WILS.L
Licensed Operation
Freq: 1320 kHz
Class: B
Latitude: 42-41-30 N
Longitude: 084-33-38 W
Power: 1 kW
RMS: 291.29 mV/m @1km
Towers: 3
Augs: 13

Exhibit 11.7 Present & Proposed Nighttime Service Contour Study

Proposed 7.602 mV/m N.I.E.

Present 7.555 mV/m N.I.F.

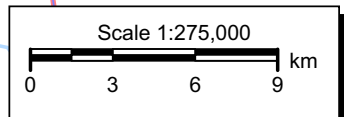
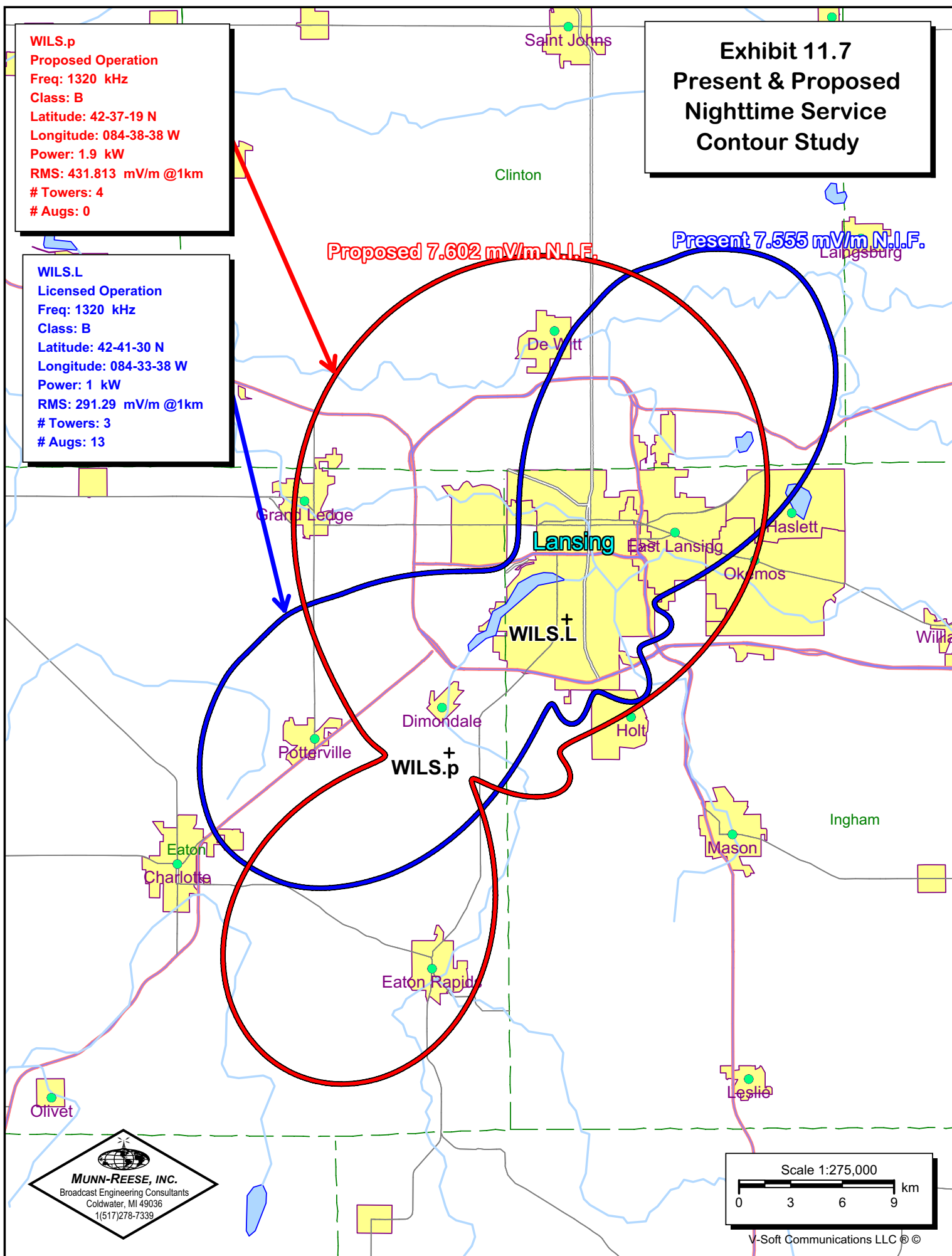


Exhibit 11.8 Present & Proposed 1.0 V/m "Blanket" Contour Study

WILS.L

Licensed Operation

Freq: 1320 kHz

Class: B

Latitude: 42-41-30 N

Longitude: 084-33-38 W

Power: 1 kW

RMS: 291.29 mV/m @1km

Towers: 3

Augs: 13

Daytime 1.0 V/m Contour

Total Population: 2,700

Nighttime 1.0 V/m Contour

Total Population: 638

Daytime 1.0 V/m

Nighttime 1.0 V/m

WILS.L

Dimondale

Daytime 1.0 V/m

Nighttime 1.0 V/m

WILS.p

WILS.p

Proposed Operation

Freq: 1320 kHz

Class: B

Latitude: 42-37-19 N

Longitude: 084-38-38 W

Power: 1.9 kW

RMS: 431.813 mV/m @1km

Towers: 4

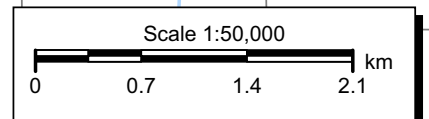
Augs: 0

Daytime 1.0 V/m Contour

Total Population: 282

Nighttime 1.0 V/m Contour

Total Population: 34



"+" Represents U.S. Census 2000 Block Centroid Datum