

EXHIBIT 11.1

DESCRIPTION OF PROPOSED ANTENNA SYSTEM

DAYTIME/NIGHTTIME ANTENNA SYSTEM

1. The daytime antenna system will consist of four (4) vertical guyed, uniform cross-section steel towers. The nighttime antenna system will consist of three (3) vertical guyed, uniform cross-section steel towers. Two towers will be common between day and night modes of operations. All towers will stand 104.0° or 59.3 meters above a 1.2 meter base pier and insulator for a height of 60.5 meters Above Ground Level (AGL). TOWAIR has been consulted and no obstruction lighting is required. Given the site elevation of 283.5 meters, the overall heights for all tower will be 344.0 meters AMSL.
2. The proposed ground system will consist of 120 buried copper radials, extending 64.6 meters (212 feet) in length, about the base of the Daytime Towers 1 and 2 and 51.3 meters (168 ft) in length around the remaining daytime and nighttime towers. 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.
3. The proposed day antenna system theoretical parameters are as follows:

PROPOSED DAYTIME THEORETICAL PARAMETERS				
TOWER	FIELD	PHASE	SPACING	ORIENTATION
1(NW)	1.000	0.0°	0.0°	0.0°
2(NE)	0.630	-71.0°	113.2°	63.5°
2(SW)	0.530	-6.0°	186.0°	173.0°
3(SE)	0.334	-77.0°	113.2°*	63.5°*

* referenced to preceding tower.

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

PROPOSED NIGHTTIME THEORETICAL PARAMETERS				
TOWER	FIELD	PHASE	SPACING	ORIENTATION
1 (N)	0.622	-117.7°	0.0°	0.0°
2(C)	1.000	0.0°	93.0°	173.0°
3(S)	0.555	157.3°	186.0°	173.0°

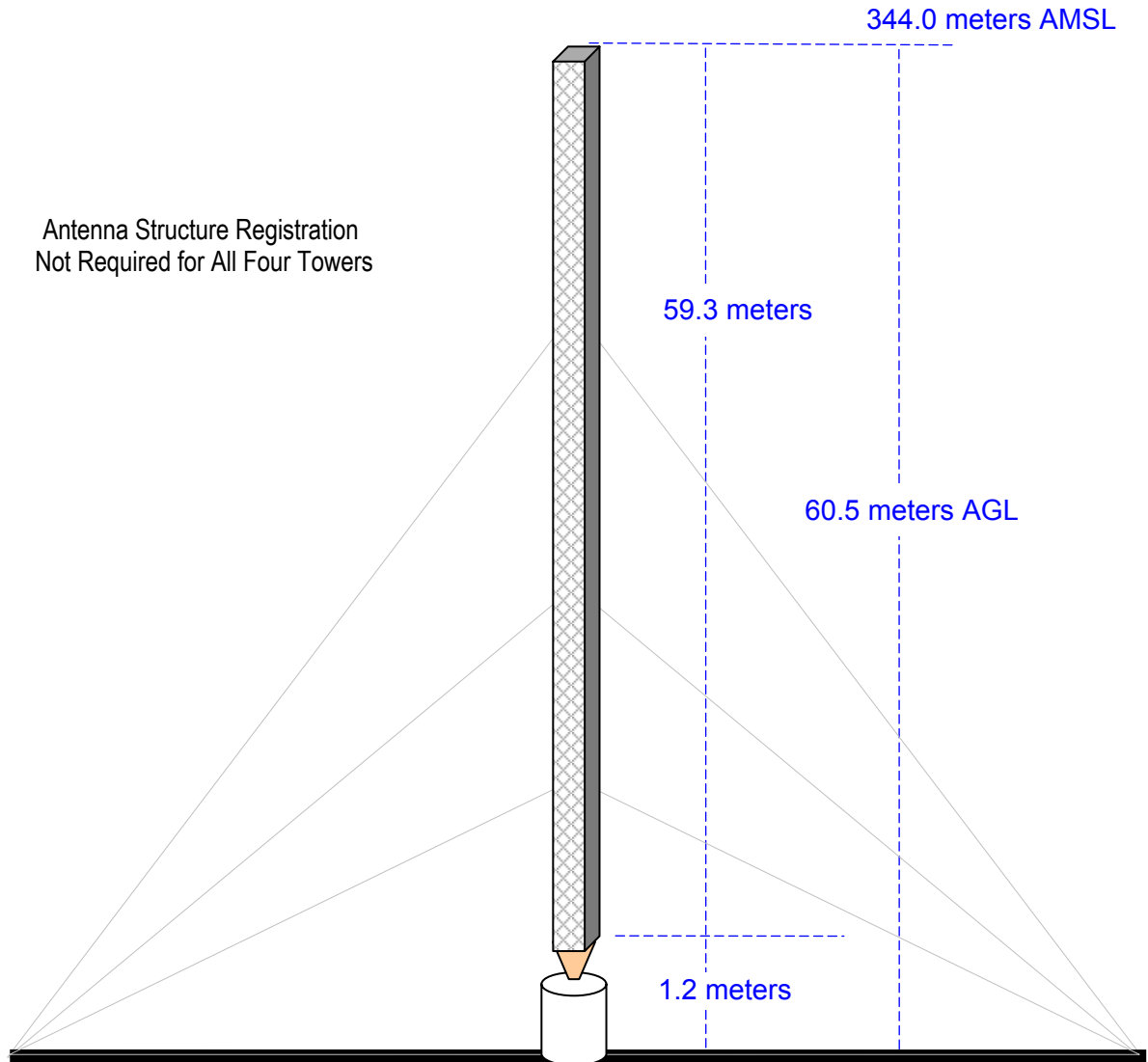
5. The theoretical RMS for the proposed daytime operation will be 235.72 mV/m at one kilometer. The standard pattern RMS will be 274.73 mV/m at one kilometer with a theoretical RSS of 279.11 mV/m at one kilometer. Daytime power will be 0.67 kW.
6. The theoretical RMS for the proposed nighttime array will be 140.88 mV/m at one kilometer. The standard pattern RMS will be 148.30 mV/m at one kilometer with a theoretical RSS of 186.57 mV/m at one kilometer. Nighttime power will be 0.175 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 0.9 km northeast of the intersection of E. Maple and Child's Lake Roads, city of Wixom, Oakland, County, Michigan.

Site Location
NL: 42° 32' 39"
WL: 83° 33' 36"

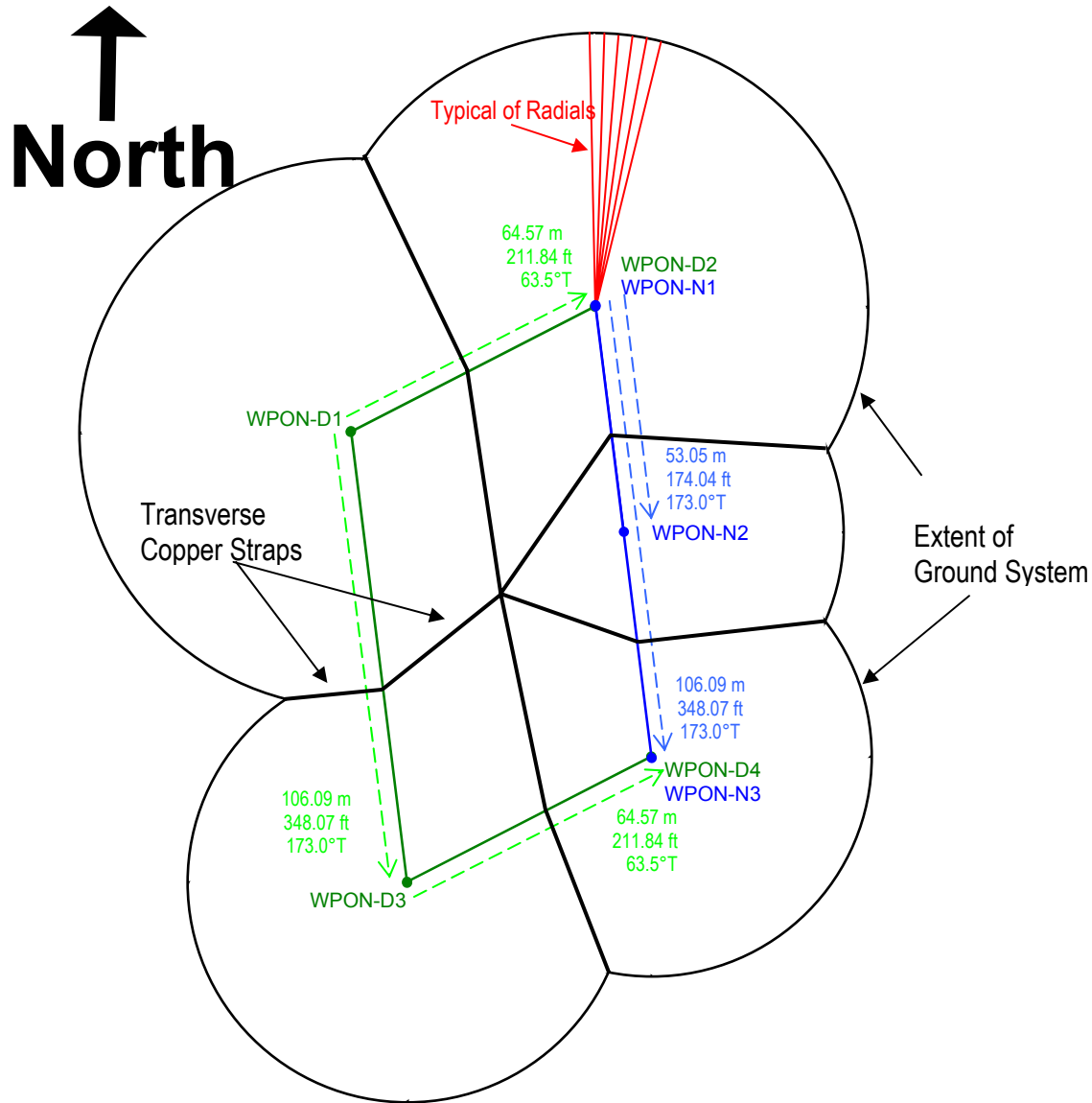


Antenna Structure Registration
Not Required for All Four Towers

Ground Elevation = 283.5 m AMSL
Drawing is not to Scale

Exhibit 11.3

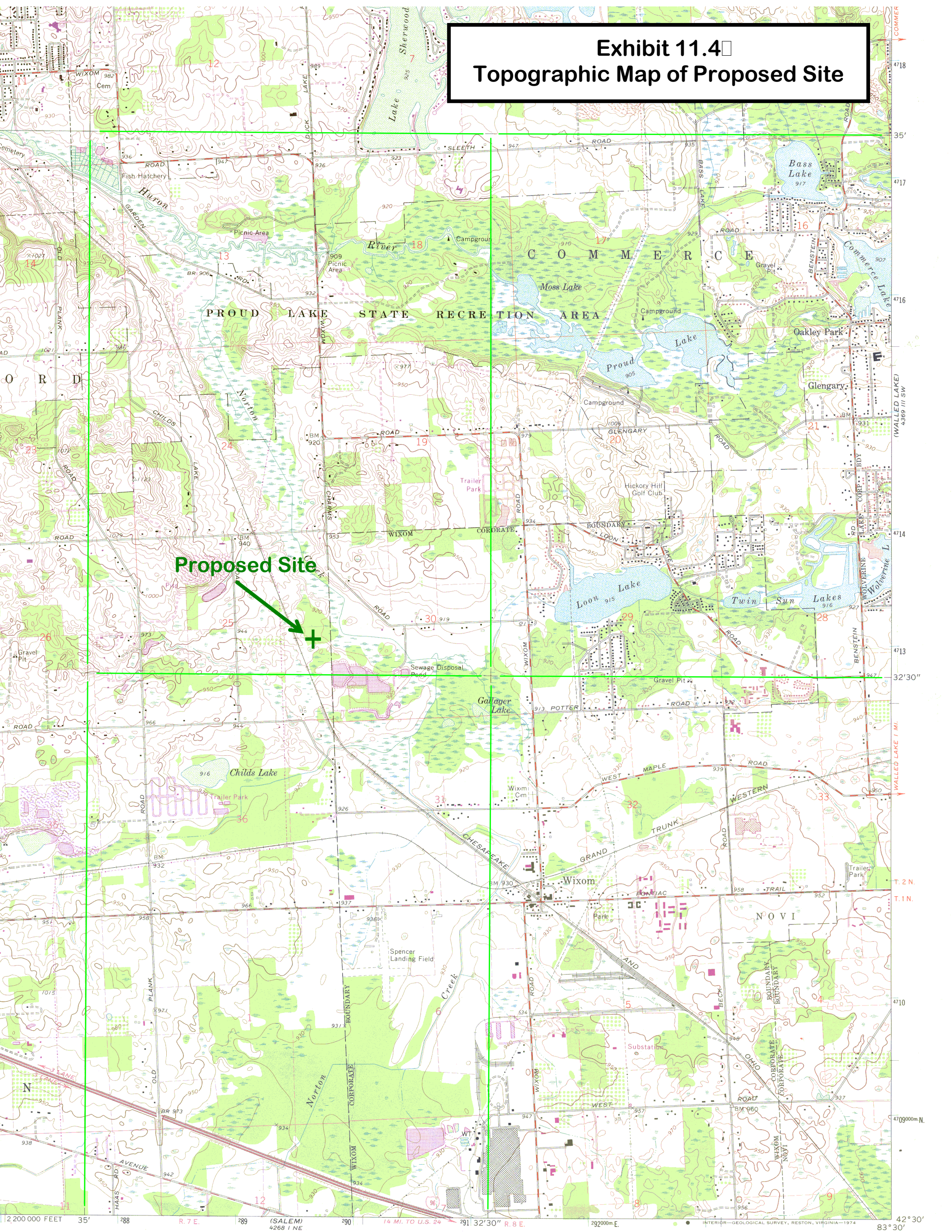
Horizontal Plat of Antenna Array



The proposed ground system will consist of 120 buried copper radials, extending 64.6 meters (212 feet) in length, about the base of the Daytime Towers 1 and 2 and 51.3 meters (168 ft) in length around the remaining daytime and nighttime towers. 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



SCALE 1:24,000

1 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION

Primary highway, all weather, hard surface	Light-duty road, all weather, improved surface
Secondary highway, all weather, hard surface	Unimproved road, fair or dry weather

Interstate Route

MILFORD, MICH.
N4230—W8330/7.5

1969
PHOTOREVISED 1973
AMS 4269 II SE—SERIES V862

MUNN-REESE, INC.
Broadcast Engineering Consultants
Coldwater, MI 49036
(517) 278-7339

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

MICHIGAN

NORTHVILLE
4369 N. NW

Exhibit 11.5
Photograph of
Proposed Site

Proposed Site



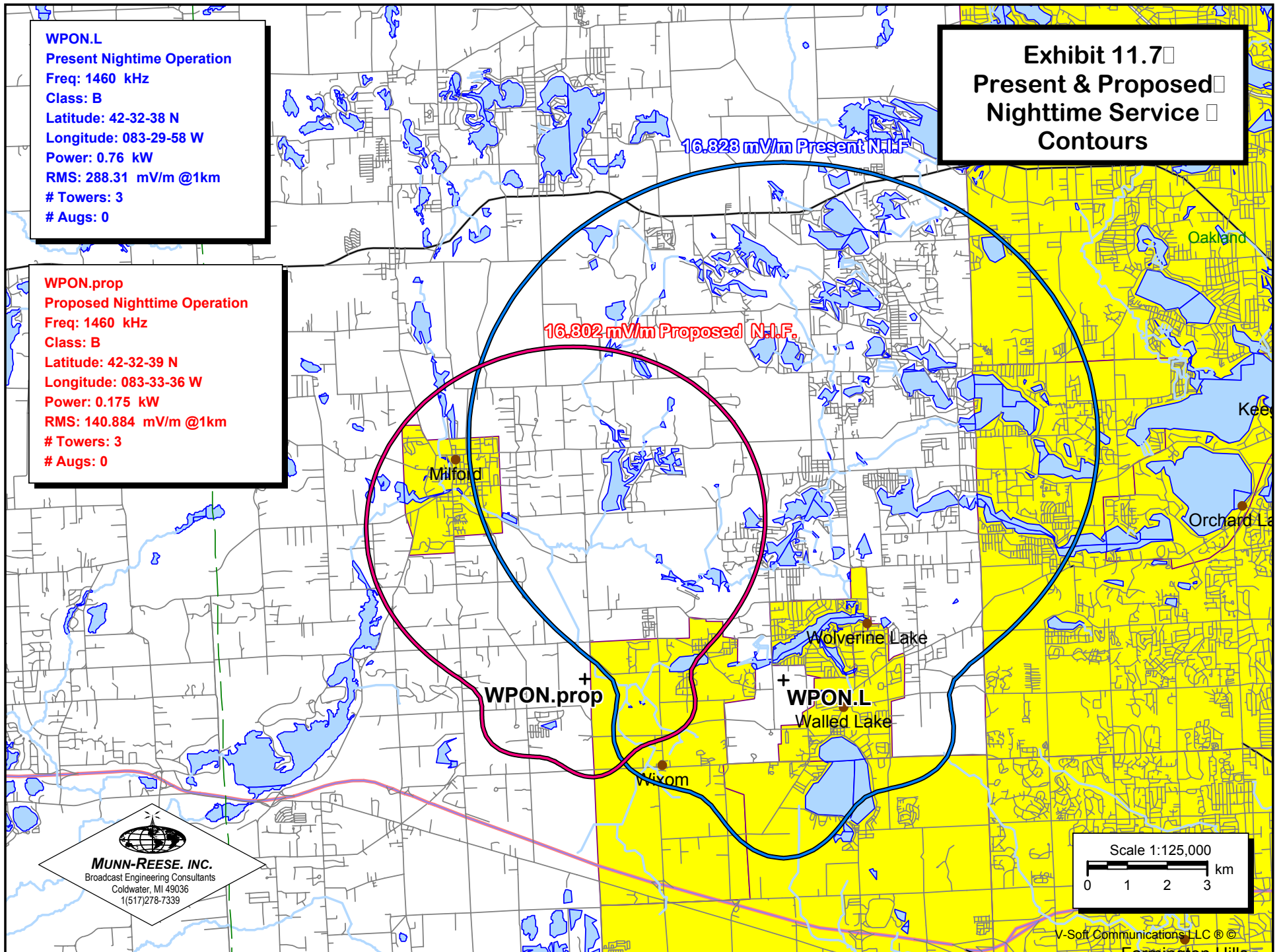
March 27, 1999



WPON.L
Present Nighttime Operation
Freq: 1460 kHz
Class: B
Latitude: 42-32-38 N
Longitude: 083-29-58 W
Power: 0.76 kW
RMS: 288.31 mV/m @1km
Towers: 3
Augs: 0

WPON.prop
Proposed Nighttime Operation
Freq: 1460 kHz
Class: B
Latitude: 42-32-39 N
Longitude: 083-33-36 W
Power: 0.175 kW
RMS: 140.884 mV/m @1km
Towers: 3
Augs: 0

Exhibit 11.7
Present & Proposed
Nighttime Service
Contours



MUNN-REESE, INC.
Broadcast Engineering Consultants
Coldwater, MI 49036
1(517)278-7339

V-Soft Communications LLC ©
Farmington Hills

Exhibit 11.8a Present Day & Night "Blanket" Contour Study

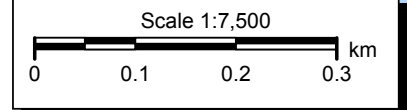
WPON.L
Present Daytime Operation
Freq: 1460 kHz
Class: B
Latitude: 42-32-38 N
Longitude: 083-29-58 W
Power: 1 kW
RMS: 299.07 mV/m @1km
Towers: 4
Augs: 0

1.0 V/m Population: 95

WPON.L
Present Nighttime Operation
Freq: 1460 kHz
Class: B
Latitude: 42-32-38 N
Longitude: 083-29-58 W
Power: 0.76 kW
RMS: 288.31 mV/m @1km
Towers: 3
Augs: 0

1.0 V/m Population: 77

"+" Represent U.S. Census 2000 Population Centroid Datum



V-Soft Communications LLC ©

MUNN-REESE, INC.
Broadcast Engineering Consultants
Coldwater, MI 49036
1(517)278-7339

Exhibit 11.8b Proposed Day & Night "Blanket" Contour Study

WPON.prop
Proposed Daytime Operation
Freq: 1460 kHz
Class: B
Latitude: 42-32-39 N
Longitude: 083-33-36 W
Power: 0.67 kW
RMS: 235.724 mV/m @1km
Towers: 4
Augs: 0

1.0 V/m Population: none

WPON.prop
Proposed Nighttime Operation
Freq: 1460 kHz
Class: B
Latitude: 42-32-39 N
Longitude: 083-33-36 W
Power: 0.175 kW
RMS: 140.884 mV/m @1km
Towers: 3
Augs: 0

1.0 V/m Population: none

WPON.prop
+

+
37

+
84

+
61

+
118



"+" Represent U.S. Census 2000 Population Centroid Datum

