

Exhibit 12
Grand Ledge, MI

REFERENCE CH# 272D - 102.3 MHz, Pwr= 0.027 kw, HAAT=74.7 M, COR= 312 M DISPLAY DATES
42 47 52 N Average Protected F(50-50)= 6.39 km DATA 08-16-03
84 39 32 W Ave. F(50-10) 40 dBu= 21.3 54 dBu= 9.1 80 dBu= 2.0 100 dBu= .4 SEARCH 08-19-03

CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kw) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT* (in km)
272D Grand Ledge	AP272	APP MI	189.3 9.3	3.78 BNPFT20030317BGK	42 45 51 84 39 59	0.038 73	321 16.9	6.8 Educational Media Foundati	-24.33*	-20.02*
269A Lansing	WHZZ	LIC MI	145.1 325.1	14.42 BLH19990811KD	42 41 29 84 33 29	4.100 130	386 0.1	29.1 The Macdonald Broadcasting	8.66	-14.76*
271B Kalamazoo	WMUK	LIC MI	239.7 59.7	83.17 BLH5990	42 25 03 85 31 55	50.000 122	410 10.0	60.9 western Michigan Universit	4.57	12.29
272C3 Big Rapids	WYBR	LIC MI	323.1 143.1	123.73 BLH19921112KE	43 41 01 85 34 56	10.500 146	443 2.8	38.2 Mentor Partners, Inc.	19.94	82.68
275B Grand Rapids	WFURFM	LIC MI	281.9 101.9	86.70 BLH19890911KD	42 57 13 85 41 55	50.000 140	365 0.1	63.7 Furniture City Broadcastin	78.56	22.89
273B Bay City	WIOG«	LIC MI	41.1 221.1	100.12 BLH19850207KK	43 28 24 83 50 40	86.000 246	427 5.9	80.1 Citadel Broadcasting Compa	-0.42	14.16
272D Pittsfield Township	AP272	APP MI	128.3 308.3	103.23 BNPFT20030317KGS	42 13 07 83 40 36	0.027 39	306 3.0	4.6 Michigan Community Radio	87.63	95.67
275B Ann Arbor	WWW	LIC MI	130.8 310.8	92.62 BLH19871110KA	42 15 04 83 48 28	40.186 145	420 0.0	62.3 Capstar Tx Limited Partner	85.52	30.31
271D Lennon	AP271	APP MI	73.4 253.4	65.35 BNPFT20030317BHD	42 57 46 83 53 28	0.038 54	294 2.5	6.0 Educational Media Foundati	55.06	56.88
270D Jackson	AP270	APP MI	160.2 340.2	62.00 BNPFT20030317AJG	42 16 21 84 24 14	0.250 41	327 0.2	8.2 Capstar Tx Limited Partner	56.71	53.55
270D Jackson	AP270	APP MI	161.6 341.6	66.40 BNPFT20030313BJK	42 13 50 84 24 14	0.010 33	328 0.2	3.3 Elmer Hess, Jr.	61.93	62.86
272A Holland	WPOSFM	LIC OH	148.8 328.8	151.91 BLH19910225KE	41 37 32 83 42 41	6.000 84	285 10.8	26.1 The Maumee Valley Broadcas	64.59	114.99
272D Detroit	AP272	APP MI	109.6 289.6	132.04 BNPFT20030317EAS	42 23 22 83 08 53	0.010 137	330 2.5	6.8 Educational Media Foundati	108.56	122.76
273D Cascade Township	AP273	APP MI	285.3 105.3	81.59 BNPFT20030317MVV	42 59 15 85 37 26	0.010 168	387 2.7	7.5 Michigan Community Radio	68.95	71.33
273A Hudson	WBZV	LIC MI	173.7 353.7	102.10 BLH19950315KG	41 53 03 84 31 24	6.000 81	430 6.7	25.6 Friends Communications Of	57.87	69.74
274D Battle Creek	AP274	APP MI	220.2 40.2	77.39 BNPFT20030317KIR	42 15 52 85 15 54	0.038 65	336 0.4	6.5 Csn International	71.64	70.54
273D Kalamazoo	AP273	APP MI	233.8 53.8	88.30 BNPFT20030317FNW	42 19 35 85 31 29	0.013 75	350 7.1	5.4 Edgewater Broadcasting Inc	75.71	75.82

""Affixed to 'IN' or 'Out' values = site inside protected contour.
ERP and HAAT are on direct line to and from reference station.
"«" = Station meets FCC minimum distance spacing for its class.

Exhibit 12 (Compliance with CFR 74.1204)

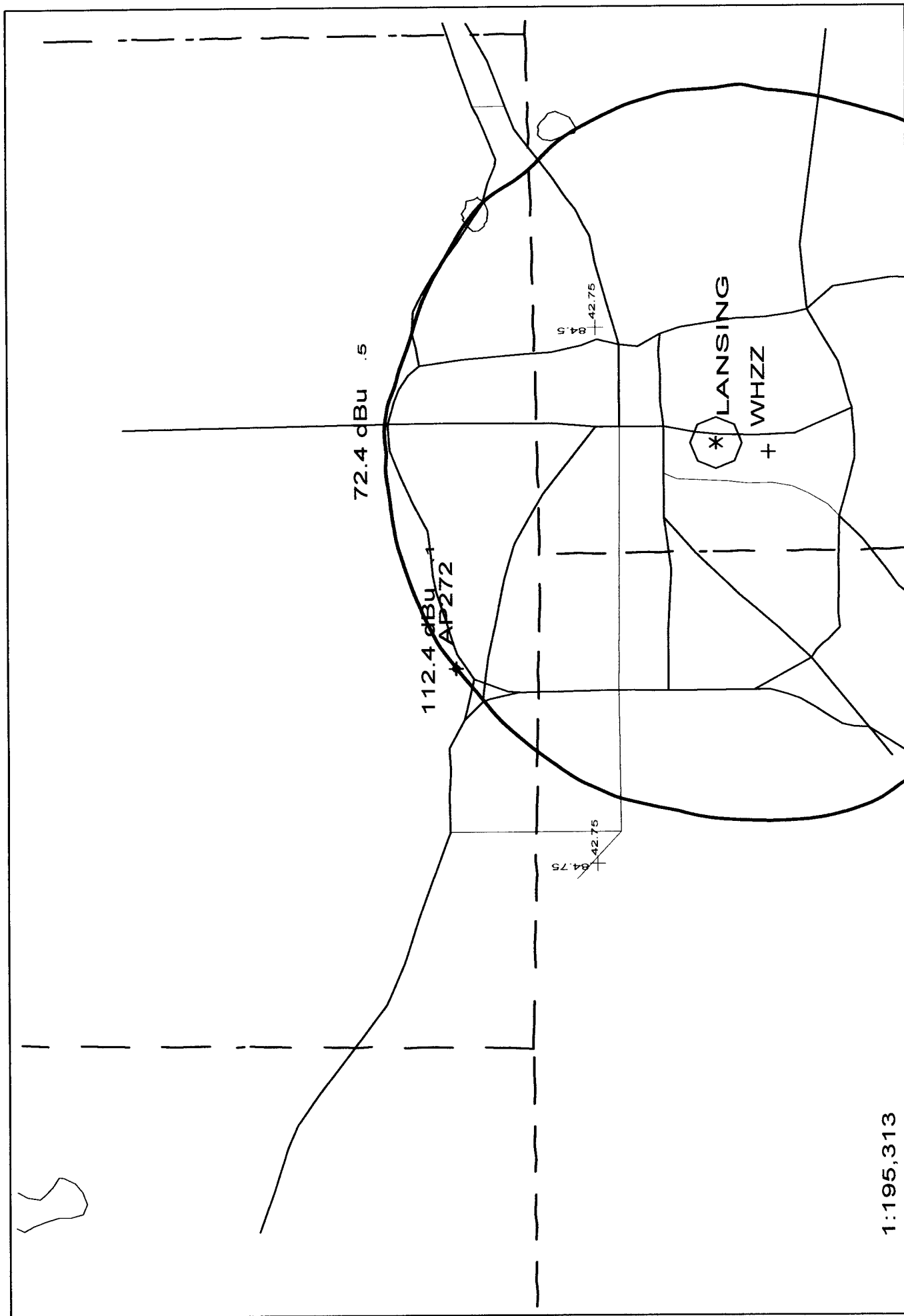
The proposed FM Translator is located within the protected 60 dBu contour of third adjacent channel station WHZZ, channel 269A, Lansing, MI. The predicted F(50-50) field strength of WHZZ at the proposed translator site is 72.4 dBu, see Exhibit 12A. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 112.4 dBu. This interfering contour extends less than 88 meters from the proposed transmit antenna, and the area the area of overlap is unpopulated.

Two factors have been investigated to determine this absence of population:

- 1) Computer software which uses the centroid method of determining population centers, based on the 2000 census data, has determined that there are no persons within the area of overlap.

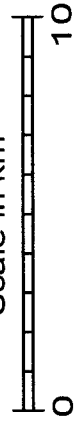
- 2) Examination of the USGS topographic map reveals no regularly occupied structures within the area of overlap.

Therefore, EMF respectfully requests a waiver of C.F.R. 74.1204 based on no population within the area of predicted interference.



1:195,313

Scale in km

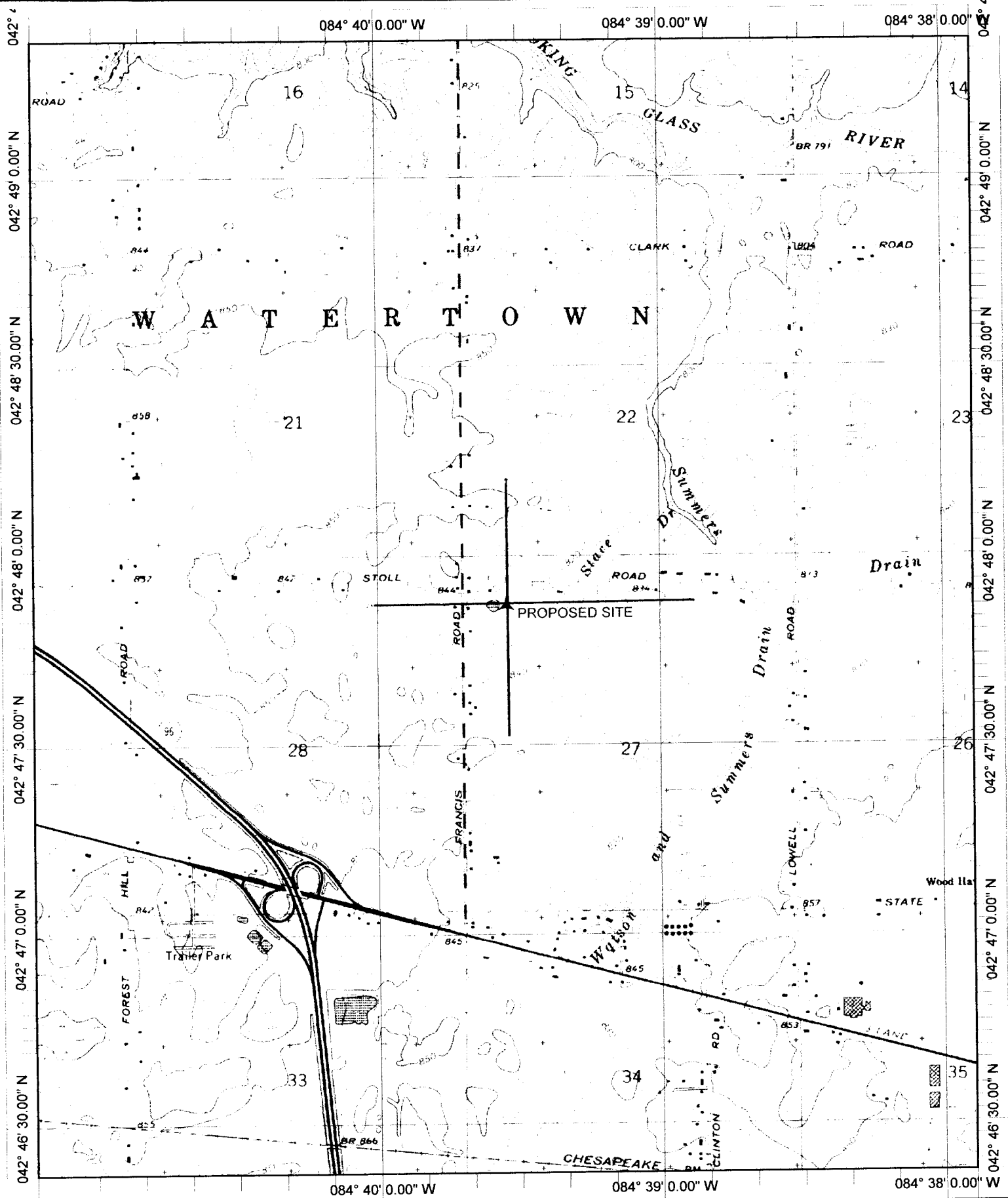


AP272 272D .027kW 312M AMSL

N. Lat. 42 47 52 W. Lng. 84 39 32

Exhibit 12A

- 08/03



Name: WACOUSTA
 Date: 8/23/2003
 Scale: 1 inch equals 2000 feet

Caption: Exhibit 12
 Site 42-47-52 / 84-39-32