

ASR Registration Search

Registration 1271528 [Map Registration](#)**Exhibit 15.1 - Copy of Existing
Antenna Structure Registration****Registration Detail**

Reg Number	1271528	Status	Granted
File Number	A0844209	Constructed	07/24/2013
EMI	No	Dismantled	
NEPA	No		

Antenna Structure

Structure Type BTWR - Building with Tower

Location (in NAD83 Coordinates)

Lat/Long	42-16-37.0 N 083-44-07.0 W	Address	David M. Dennison Building
City, State	Ann Arbor , MI		
Zip	48109	County	WASHTENAW
Center of AM Array		Position of Tower in Array	

Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
267.9	54.9
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
322.8	54.9

Painting and Lighting Specifications

None

FAA Notification

FAA Study	2013-AGL-5462-OE	FAA Issue Date	07/18/2013
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Owner & Contact Information

FRN	0003927902	Owner Entity Type	Other - University
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Owner

Regents of the University of Michigan
503 Thompson Street
Ann Arbor , MI 48109

P: (734)764-1817
F:
E: jacam@umich.edu

Contact

Campbell , James
1503 Washington Heights, Room 1318
Ann Arbor , MI 48109

P: (734)615-5240
F:
E: jacam@umich.edu

Last Action Status

Status	Granted	Received	07/25/2013
Purpose	Modification	Entered	07/25/2013
Mode	Interactive		

**Exhibit 13.1 - Copy of Existing
Antenna Structure Registration****Related Applications**

07/25/2013 A0844209 - Modification (MD)
07/25/2013 A0844206 - Notification (NT)
10/27/2009 A0655287 - New (NE)
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Comments**Comments**

None
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History

Date	Event
07/26/2013	Registration Printed
07/25/2013	ASR Application receipt email sent: Tower email
07/25/2013	Modification Received

All History (7)

Automated Letters

07/26/2013	Authorization, Reference
11/02/2010	Construction Reminder, Reference 667551
10/28/2009	Authorization, Reference

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CLOSE WINDOW

Exhibit 15.2 - WCBN-FM – Ann Arbor, MI

Vertical Plan of Antenna System

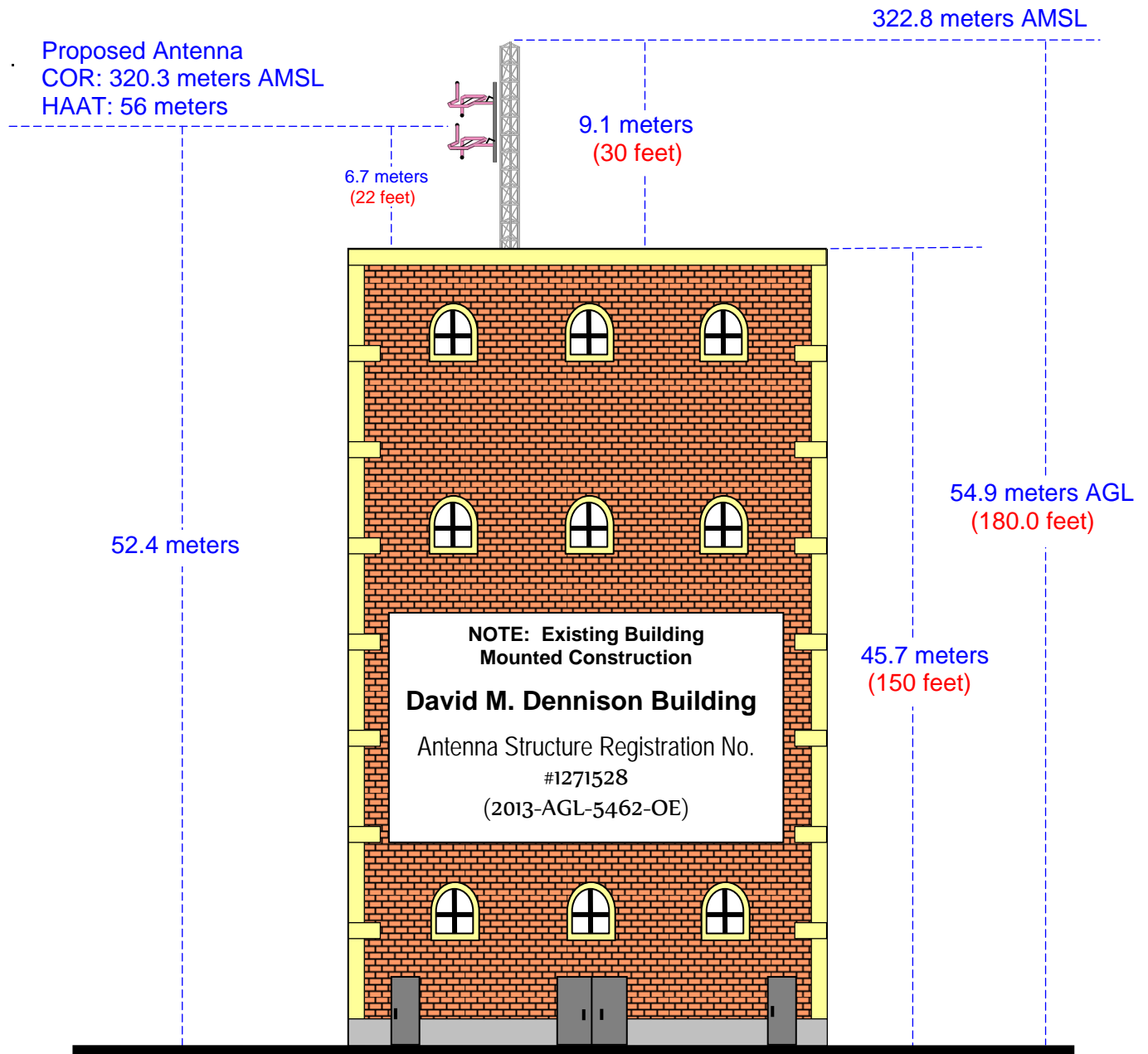
The site is located on the David M. Dennison Building,
U of M Campus, the city of Ann Arbor,
Washtenaw County, Michigan.

Site Location (NAD 27)

NL: 42° 16' 37"

WL: 83° 44' 07"

(42-16-37.03 NL; 83-44-06.59 WL NAD1983)



Ground Elevation = 267.9 m AMSL
Drawing is not to Scale

MUNN-REESE, INC.
Broadcast Engineering Consultants
Coldwater, MI 49036

Exhibit 15.3

Proposed FM Operating Specifications

Applicant: Regents of the University of Michigan

Call: WCBN-FM

City of License: Ann Arbor, MI

Frequency: 88.3 MHz **Channel:** 202A **ERP:** 2.9 kW **HAAT:** 56 M

Transmitter Location: The site is located on the roof of the David M. Dennison Building on the campus of the University of Michigan

City: Ann Arbor

County: Washtenaw County

State: Michigan

Site Coordinates: NL: 42° 16' 37" / WL: 83° 44' 07"

Tower Registration Number: 1271528

Proposed Operation: Class A

Effective Radiated Power: 2.9 kW (H) 2.9 kW (V)

Height of Antenna Radiation Center Above:

	<u>Average Terrain</u>	<u>Mean Sea Level</u>	<u>Ground</u>
Horizontal	56 meters	320 meters	52 meters
Vertical	56 meters	320 meters	52 meters

Elevation of Tower Site : 267.9 Meters AMSL

Overall Height of Structure Above Ground : 54.9 Meters AGL

Overall Height of Structure Above Mean Sea Level: 322.8 Meters AMSL

Exhibit 15.4 - Present CP & Proposed Service Contour Study

WCBN-FM.CP

BPED20121010AAF
 Latitude: 42-16-37 N
 Longitude: 083-44-07 W
 ERP: 3.00 kW
 Channel: 202
 Frequency: 88.3 MHz
 AMSL Height: 315.0 m
 Elevation: 268.0 m
 Horiz. Pattern: Directional
 Vert. Pattern: No
 Prop Model: None

2010 Census Data

60 dBu
 Total Population: 274,237
 Total Area: 639 sq. km

WCBN-FM.AP

Ann Arbor, MI
 Latitude: 42-16-37 N
 Longitude: 083-44-07 W
 ERP: 2.90 kW
 Channel: 202
 Frequency: 88.3 MHz
 AMSL Height: 320.0 m
 Elevation: 269.216 m
 Horiz. Pattern: Directional
 Vert. Pattern: No
 Prop Model: None

2010 Census Data

60 dBu
 Total Population: 279,148
 Total Area: 687 sq. km

