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MARK B. DENBO
M. SCOTT JOHNSON

April 2, 2021
FILED BY EMAIL PURSUANT TO
Public Notice, *Audio Division Announces Procedures Related to Coronavirus*, DA 20-266,
Released March 13, 2020, addressed to Mr. Jim Bradshaw, Senior Deputy Chief
(james.bradshaw@fcc.gov); and Nazifa Sawez, Esq., (nazifa.sawez@fcc.gov)

Marlene H. Dortch, Esquire
Secretary
Federal Communications Commission
The Portals II, 445 Twelfth Street, S.W., TW-A325
Washington, D.C. 20554

Re: WRNA(AM), China Grove, N.C.
Facility I.D. No. 61153
FCC Form 302-AM Application for Direct Measurement of Power

Dear Ms. Dortch:

Transmitted herewith, on behalf of South Rowan Broadcasting Co., Inc., licensee of Station WRNA(AM), China Grove, North Carolina (Facility I.D. No. 61153, is an FCC Form 302-AM Application for Broadcast Station License.

There is no filing fee associated with this filing, as it is for Direct Measurement of Power, only.

If there are any questions, please communicate with the undersigned.

Very truly yours,



Arthur V. Belendiuk

Counsel for
South Rowan Broadcasting Co., Inc.

AVB/sls
Attachment-Form 302-AM

FOR
FCC
USE
ONLY

FCC 302-AM
APPLICATION FOR AM
BROADCAST STATION LICENSE

(Please read instructions before filling out form.)

FOR COMMISSION USE ONLY

FILE NO.

SECTION I - APPLICANT FEE INFORMATION

1. PAYOR NAME (Last, First, Middle Initial)

South Rowan Broadcasting Co., Inc.

MAILING ADDRESS (Line 1) (Maximum 35 characters)

Post Office Box 1388

MAILING ADDRESS (Line 2) (Maximum 35 characters)

CITY

Kannapolis

STATE OR COUNTRY (if foreign address)

NC

ZIP CODE

28082

TELEPHONE NUMBER (include area code)

704-857-1101

CALL LETTERS

WRNA

OTHER FCC IDENTIFIER (if applicable)

61153

2. A. Is a fee submitted with this application?

Yes No

B. If No, indicate reason for fee exemption (see 47 C.F.R. Section

Governmental Entity Noncommercial educational licensee Other (Please explain):

C. If Yes, provide the following information:

Direct Measurement of Power

Enter in Column (A) the correct Fee Type Code for the service you are applying for. Fee Type Codes may be found in the "Mass Media Services Fee Filing Guide." Column (B) lists the Fee Multiple applicable for this application. Enter fee amount due in Column (C).

(A)		
FEE TYPE CODE		

(B)			
FEE MULTIPLE			
0	0	0	1

(C)
FEE DUE FOR FEE TYPE CODE IN COLUMN (A)
\$ 0.00

FOR FCC USE ONLY

To be used only when you are requesting concurrent actions which result in a requirement to list more than one Fee Type Code.

(A)		

(B)			
FEE MULTIPLE			
0	0	0	1

(C)
FEE DUE FOR FEE TYPE CODE IN COLUMN (A)
\$ 0.00

FOR FCC USE ONLY

ADD ALL AMOUNTS SHOWN IN COLUMN C, AND ENTER THE TOTAL HERE. THIS AMOUNT SHOULD EQUAL YOUR ENCLOSED REMITTANCE.

TOTAL AMOUNT REMITTED WITH THIS APPLICATION
\$ 0.00

FOR FCC USE ONLY

SECTION II - APPLICANT INFORMATION		
1. NAME OF APPLICANT South Rowan Broadcasting Co., Inc.		
MAILING ADDRESS Post Office Box 1388		
CITY Kannapolis	STATE NC	ZIP CODE 28082

2. This application is for:

- Commercial Noncommercial
 AM Directional AM Non-Directional

Call letters WRNA	Community of License China Grove, NC	Construction Permit File No. --	Modification of Construction Permit File No(s). --	Expiration Date of Last Construction Permit --
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3. Is the station now operating pursuant to automatic program test authority in accordance with 47 C.F.R. Section 73.1620?

Yes No

If No, explain in an Exhibit.

Exhibit No.
N/A

4. Have all the terms, conditions, and obligations set forth in the above described construction permit been fully met?

Yes No

If No, state exceptions in an Exhibit.

Exhibit No.
N/A

5. Apart from the changes already reported, has any cause or circumstance arisen since the grant of the underlying construction permit which would result in any statement or representation contained in the construction permit application to be now incorrect?

Yes No

If Yes, explain in an Exhibit.

Exhibit No.
N/A

6. Has the permittee filed its Ownership Report (FCC Form 323) or ownership certification in accordance with 47 C.F.R. Section 73.3615(b)?

Yes No

If No, explain in an Exhibit.

Does not apply

Exhibit No.
N/A

7. Has an adverse finding been made or an adverse final action been taken by any court or administrative body with respect to the applicant or parties to the application in a civil or criminal proceeding, brought under the provisions of any law relating to the following: any felony; mass media related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination?

Yes No

If the answer is Yes, attach as an Exhibit a full disclosure of the persons and matters involved, including an identification of the court or administrative body and the proceeding (by dates and file numbers), and the disposition of the litigation. Where the requisite information has been earlier disclosed in connection with another application or as required by 47 U.S.C. Section 1.65(c), the applicant need only provide: (i) an identification of that previous submission by reference to the file number in the case of an application, the call letters of the station regarding which the application or Section 1.65 information was filed, and the date of filing; and (ii) the disposition of the previously reported matter.

Exhibit No.
N/A

8. Does the applicant, or any party to the application, have a petition on file to migrate to the expanded band (1605-1705 kHz) or a permit or license either in the existing band or expanded band that is held in combination (pursuant to the 5 year holding period allowed) with the AM facility proposed to be modified herein?

Yes No

If Yes, provide particulars as an Exhibit.

Exhibit No.
N/A

The APPLICANT hereby waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because use of the same, whether by license or otherwise, and requests and authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended).

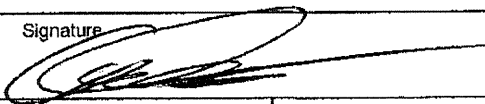
The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations and that all the exhibits are a material part hereof and are incorporated herein as set out in full in

CERTIFICATION

1. By checking Yes, the applicant certifies, that, in the case of an individual applicant, he or she is not subject to a denial of federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862, or, in the case of a non-individual applicant (e.g., corporation, partnership or other unincorporated association), no party to the application is subject to a denial of federal benefits that includes FCC benefits pursuant to that section. For the definition of a "party" for these purposes, see 47 C.F.R. Section 1.2002(b).

Yes No

2. I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Name Carl Ford	Signature 	
Title President	Date 3-31-2021	Telephone Number 704-857-1101

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION

FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT AND THE PAPERWORK REDUCTION ACT

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The Commission will use the information provided in this form to determine whether grant of the application is in the public interest. In reaching that determination, or for law enforcement purposes, it may become necessary to refer personal information contained in this form to another government agency. In addition, all information provided in this form will be available for public inspection. If information requested on the form is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Your response is required to obtain the requested authorization.

Public reporting burden for this collection of information is estimated to average 639 hours and 53 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, can be sent to the Federal Communications Commission, Records Management Branch, Paperwork Reduction Project (3060-0627), Washington, D. C. 20554. Do NOT send completed forms to this address.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

SECTION III - LICENSE APPLICATION ENGINEERING DATA

Name of Applicant
South Rowan Broadcasting Co., Inc.

PURPOSE OF AUTHORIZATION APPLIED FOR: (check one)

- Station License Direct Measurement of Power

1. Facilities authorized in construction permit					
Call Sign	File No. of Construction Permit (if applicable)	Frequency (kHz)	Hours of Operation	Power in kilowatts	
				Night-CH	Day
WRNA		1140	Daytime	0.250	1.0

2. Station location	
State North Carolina	City or Town China Grove

3. Transmitter location			
State NC	County Rowan	City or Town China Grove	Street address (or other identification) 633 Patterson Street

4. Main studio location			
State NC	County Rowan	City or Town China Grove	Street address (or other identification) 633 Patterson Street

5. Remote control point location (specify only if authorized directional antenna)			
State NC	County Rowan	City or Town China Grove	Street address (or other identification) 633 Patterson Street

6. Has type-approved stereo generating equipment been installed? Yes No

7. Does the sampling system meet the requirements of 47 C.F.R. Section 73.68? Yes No

Not Applicable

Attach as an Exhibit a detailed description of the sampling system as installed.

Exhibit No. 1

8. Operating constants:	
RF common point or antenna current (in amperes) without modulation for night system Critical Hours 1.97 Base Current	RF common point or antenna current (in amperes) without modulation for day system 4.5 Common Point
Measured antenna or common point resistance (in ohms) at operating frequency Night Critical Hours Day 64 Base Resistance 50 Common Point	Measured antenna or common point reactance (in ohms) at operating frequency Night Critical Hours Day ----- -----

Antenna indications for directional operation						
Towers	Antenna monitor Phase reading(s) in degrees		Antenna monitor sample current ratio(s)		Antenna base currents	
	Night	Day	Night	Day	Night	Day
1		0		1		3.8
2		163		0.6		2.3

Manufacturer and type of antenna monitor: **Potomac Instruments AM-19 (204)**

SECTION III - Page 2

9. Description of antenna system (If directional antenna is used, the information requested below should be given for each element of the array. Use separate sheets if necessary.)

Type Radiator	Overall height in meters of radiator above base insulator, or above base, if grounded.	Overall height in meters above ground (without obstruction lighting)	Overall height in meters above ground (include obstruction lighting)	If antenna is either top loaded or sectionalized, describe fully in an Exhibit.
Vertical, Cross Section, Steel, Guyed	Tower 1: 65.8 Tower 2: 43.8	Tower 1: 66.8 Tower 2: 44.8	Tower 1: 67.7 Tower 2: 44.8	Exhibit No. N/A

Excitation Series Shunt

Geographic coordinates to nearest second. For directional antenna give coordinates of center of array. For single vertical radiator give tower location.

North Latitude	35 °	34 '	20 "	West Longitude	80 °	35 '	21 "
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If not fully described above, attach as an Exhibit further details and dimensions including any other antenna mounted on tower and associated isolation circuits.

Exhibit No.
2A-2B

Also, if necessary for a complete description, attach as an Exhibit a sketch of the details and dimensions of ground system.

Exhibit No.
3

10. In what respect, if any, does the apparatus constructed differ from that described in the application for construction permit or in the permit?

This is a Direct Measurement of Power.

11. Give reasons for the change in antenna or common point resistance.

Installation of antenna and transmission line for FM Translator W229DL on Tower 1. Routine maintenance was also performed on the directional AM array. A partial proof-of-performance was conducted on 3/12/2021 by Ted Fuller, Broadcast Technician. The partial proof-of-performance results are available in the station's public file.

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

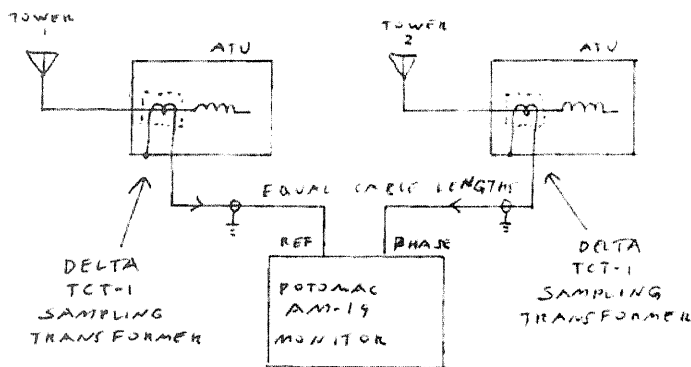
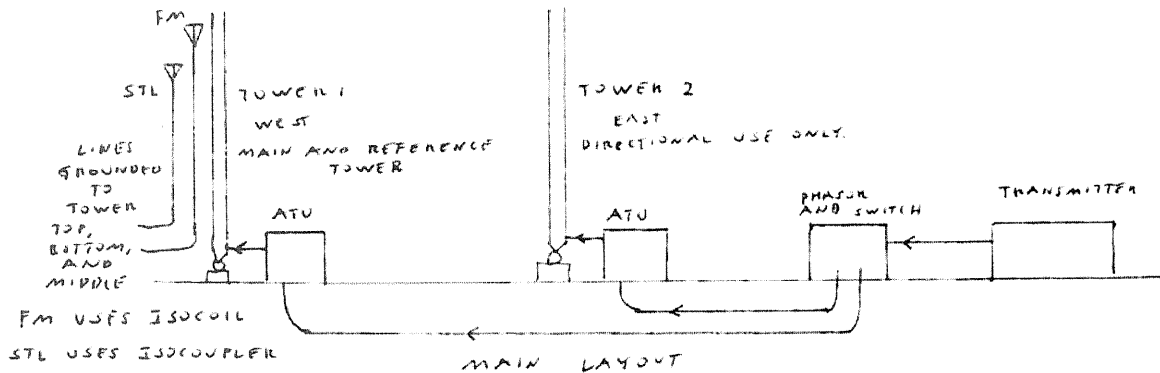
Name (Please Print or Type) George S. Crissey	Signature (check appropriate box below) <i>George S. Crissey</i>
Address (include ZIP Code) Bromo Communications, Inc. 3600 Dallas Highway, Suite 230-PMB 164 Marietta, GA 30064	Date March 31, 2021
	Telephone No. (Include Area Code) 404-636-2257

- Technical Director Registered Professional Engineer
- Chief Operator Technical Consultant
- Other (specify)

Exhibit 1
WRNA (AM)
 1140 kHz – 1 kW DA-D – 0.250 kW CH
 China Grove, North Carolina
 March 2021

Sampling System

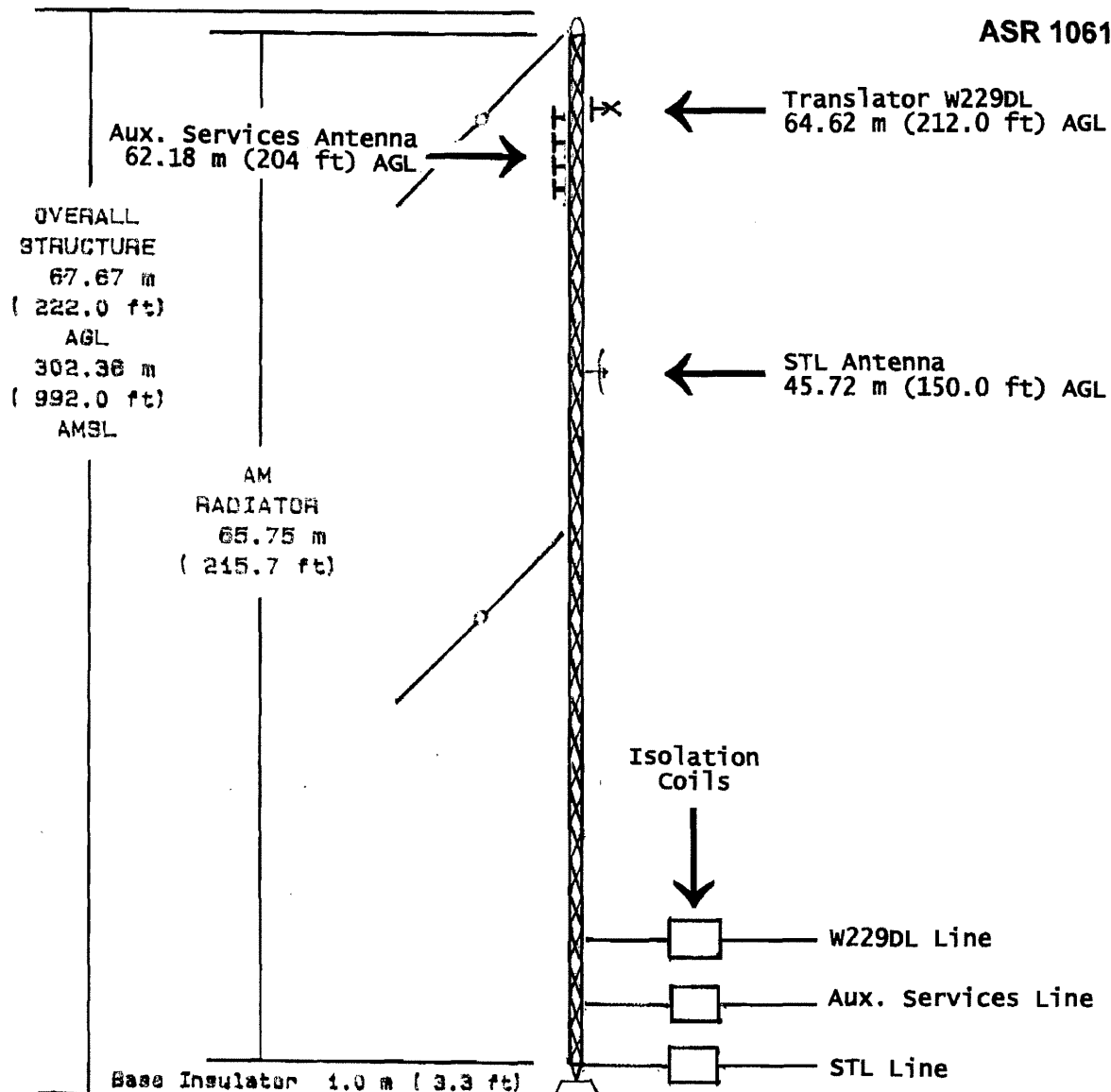
The WRNA sample system uses Delta TCT-1 toroidal transformers, mounted in each of the two tuning unit enclosures. The transformers feed equal length Cablewave FCC 12-50J 1/2 inch, solid outer conductor, jacketed, foam dielectric, phase stabilized sampling lines. All lines are buried and grounded at each end. The sample currents are measured with a Potomac Instruments AM-19 (204) antenna monitor. All of the sampling equipment is original and has not been changed, except for the replacement of two indoor cables with faulty connectors. Below is a diagram of the sampling system.



WRNA 1140
 AM ANTENNA
 SYSTEM AS OF
 MARCH 13, 2021.
 SAME AS ORIGINAL
 1986 CONSTRUCTION.

Tower 1

ASR 1061437



Base Insulator 1.0 m (3.3 ft)

North Latitude 35-34-21
West Longitude 80-35-22

Site Elev 234.70 m (770.0 ft) AMSL

(Sketch not drawn to scale)

Vertical Plan Sketch

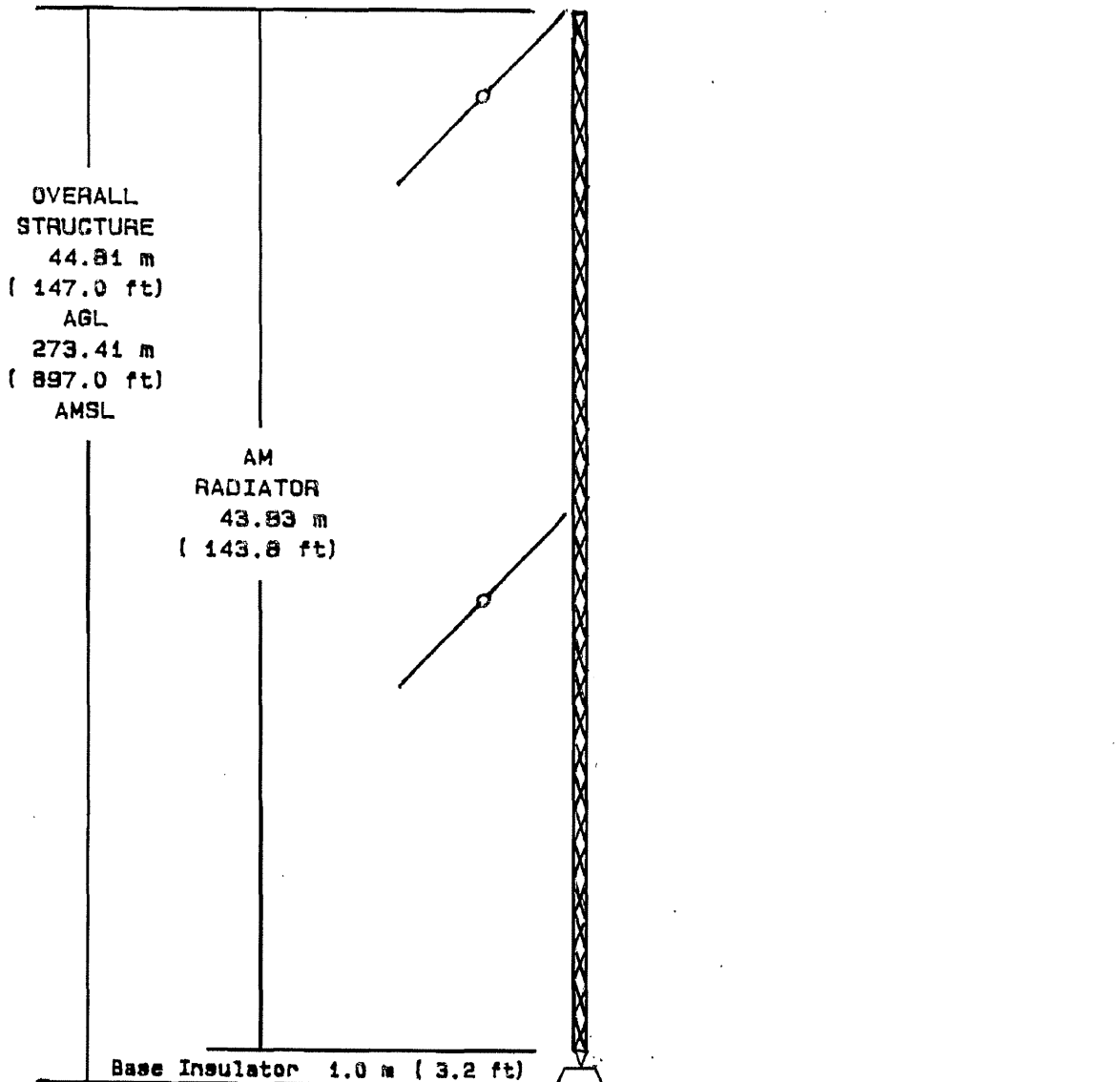
SITE ELEVATION - 235 m (770 ft) AMSL
TOP OF STRUCTURE - 68 m (222 ft) AGL
302 m (992 ft) AMSL
AM Radiator - 66 m (216 ft)

FIGURES ROUNDED TO NEAREST METER (FOOT).

Exhibit 2A
WRNA (AM)
1140 kHz
1 kW DA-D - 0.250 kW CH
China Grove, North Carolina
March 2021

BROMO BROADCAST
COMMUNICATIONS TECHNICAL CONSULTANTS

Tower 2



North Latitude 35-34-19 Site Elev 228.60 m (750.0 ft) AMSL
 West Longitude 80-35-18
 (Sketch not drawn to scale)

Vertical Plan Sketch

SITE ELEVATION - 229 m (750 ft) AMSL
 TOP OF STRUCTURE - 45 m (147 ft) AGL
 273 m (897 ft) AMSL
 AM Radiator - 44 m (144 ft)

FIGURES ROUNDED TO NEAREST METER (FOOT).

Exhibit 2B
WRNA (AM)
 1140 kHz
 1 kW DA-D - 0.250 kW CH
 China Grove, North Carolina
 March 2021

BROMO BROADCAST
 TECHNICAL CONSULTANTS
COMMUNICATIONS

Exhibit 3
WRNA (AM)
1140 kHz – 1 kW DA-D – 0.250 kW CH
China Grove, North Carolina
March 2021

Ground System

The ground system consists of 120 215-foot (65.53 meter) equally spaced buried radials about the base of each tower and extending to the property or to intersection with transverse copper strap. In addition 120 50-foot (15.24 meter) copper radials are interspersed with the longer radials.