

# FEDERAL COMMUNICATIONS COMMISSION

CLASS OF STATION FM

LCJ

The following application is submitted for action by the Chief, Broadcast Bureau.

ST	FILE NUMBER	CALL	APPLICANT AND LOCATION	NATURE OF APPLICATION
VA	BPED -911206MB N/M	NEW 89.9MHZ	LIBERTY UNIVERSITY, INC. LYNCHBURG VA	CP FOR NEW EDUCATIONAL FM ON: 89.9 MHZ., ERP: 0.10 KW (H&V) HAAT: 184 METERS (H&V) 37 20 56 79 10 05

LICENSE EXPIRATION DATE \_\_\_\_\_

\_\_\_\_\_  
CHIEF, LICENSE DIVISION

RECOMMENDATION: GRANT( ) CONSTRUCTION DATES, START \_\_\_\_\_ END \_\_\_\_\_  
 CONTESTED ( ) UNCONTESTED ( )

APPROVED \_\_\_\_\_

\_\_\_\_\_  
FOR CHIEF, BROADCAST BUREAU

F.C.C.-WASHINGTON, D.C.

RECEIVED

ORIGINAL  
FILE

DEC - 6 1991

LAW OFFICES  
REDDY, BEGLEY & MARTIN

2033 M STREET N.W.

WASHINGTON, D.C. 20036

(202) 659-5700

Federal Communications Commission  
Office of the Secretary

EDWARD B. REDDY  
(1915-1990)

COUNSEL  
BENITO GAGUINE

TELECOPIER NUMBER  
(202) 659-5711

DEC 9 2 36 PM '91

AUDIO SERVICES  
DIVISION

ORIGINAL

DENNIS F. BEGLEY  
HARRY C. MARTIN  
MATTHEW H. MCCORMICK  
CHERYL A. KENNY  
TROY F. TANNER  
ANDREW S. KERSTING

December 6, 1991

92-1707

Ms. Donna R. Searcy  
Secretary  
Federal Communications Commission  
Washington, D.C. 20554

Re: Application for New Noncommercial Educational  
FM Broadcast Station (Non-feeable)  
Lynchburg, Virginia

Dear Ms. Searcy:

Transmitted herewith in triplicate, on behalf of Liberty University, Inc., is an application on FCC Form 340 for a construction permit for a new noncommercial educational FM Broadcast Station at Lynchburg, Virginia. Pursuant to Section 1.1112(c) of the Commission's rules, no filing fee is required since the application is for a noncommercial station.

Should any questions arise in connection with this matter, please communicate directly with this office.

Very truly yours,

*Cheryl A. Kenny*  
CHERYL A. KENNY  
Counsel for  
LIBERTY UNIVERSITY, INC.

Enclosure

CAK/hwa

RECEIVED

DEC 09 1991

FM EXAMINERS

89.9MHZ  
BPED -911206MB NEW  
LYNCHBURG VA  
LIBERTY UNIVERSITY, INC.

Code 30  
PN: 12-13-91  
ORIGINAL

See Page 23 for information regarding public burden estimate

APPLICATION FOR CONSTRUCTION PERMIT FOR  
NONCOMMERCIAL EDUCATIONAL BROADCAST STATION  
(Carefully read instructions before filing form) Return only form to FCC

DEC 9 2 36 PM '91

For Commission Use Only  
File No. APPD-9118006MB

Section I - GENERAL INFORMATION

**RECEIVED**  
**DEC - 6 1991**  
Federal Communications Commission  
Office of the Secretary

1. Name of Applicant  
Liberty University, Inc.

Street Address or P.O. Box  
3765 Candler's Mountain Road

City Lynchburg	State VA	ZIP Code 24506
-------------------	-------------	-------------------

Telephone No. (Include Area Code)  
(804) 582-2958

Send notices and communications to the following person at the address below:

Name  
Mr. Norm Westervelt  
at address opposite  
cc: Reddy, Begley & Martin

Street Address or P.O. Box  
2033 M Street, N.W., Suite 500

City Washington	State DC	ZIP Code 20036
--------------------	-------------	-------------------

Telephone No. (Include Area Code)  
(202) 659-5700

2. This application is for:  AM  FM  TV

(a) Channel No. or Frequency  
210A 89.9

(b) Principal Community	City	State
	Lynchburg	VA

(c) Check one of the following boxes:

- Application for **NEW** station
- MAJOR** change in licensed facilities; call sign: \_\_\_\_\_
- MINOR** change in licensed facilities; call sign: \_\_\_\_\_
- MAJOR** modification of construction permit; call sign: \_\_\_\_\_  
File No. of construction permit: \_\_\_\_\_
- MINOR** modification of construction permit; call sign: \_\_\_\_\_  
File No. of construction permit: \_\_\_\_\_
- AMENDMENT** to pending application; application file number: \_\_\_\_\_

**NOTE:** It is not necessary to use this form to amend a previously filed application. Should you do so, however, please submit only Section I and those other portions of the form that contain the amended information.

3. Is this application mutually exclusive with a renewal application?  Yes  No

If Yes, state:	Call letters	Community of License	
		City	State

**Section II - LEGAL QUALIFICATIONS**

Name of Applicant

1. Applicant is: *(Check one box below)*

- (a) governmental or public educational agency, board or institution
- (b) private nonprofit educational institution
- (c) Other *(specify)*

2. For applicants 1(c) only, describe in an Exhibit the nature and educational purposes of the applicant.

DNA

Exhibit No.

3. For applicants 1(c) applying for a new noncommercial educational television station only, describe in an Exhibit how the applicant's officers, directors and members of its governing board are broadly representative of the educational, cultural and civic segments of the principal community to be served.

DNA

Exhibit No.

4. Describe in an Exhibit how the proposed station will be used, in accordance with 47 C.F.R. Section 73.503 or Section 73.621, for the advancement of an educational program.

Exhibit No.  
1

5. Is there any provision contained in any by-laws, articles of incorporation, partnership agreement, charter, statute or other document which would restrict the applicant in advancing an educational program or complying with any Commission rule, policy or provision of the Communications Act of 1934, as amended?

Yes  No

If Yes, provide particulars in an Exhibit.

Exhibit No.

**CITIZENSHIP AND OTHER STATUTORY REQUIREMENTS**

6. (a) Is the applicant in violation of the provisions of Section 310 of the Communications Act of 1934, as amended, relating to interests of aliens and foreign governments? (See Instruction B to Section II.)

Yes  No

(b) Will any funds, credits or other financial assistance for the construction, purchase or operation of the station(s) be provided by aliens, foreign entities, domestic entities controlled by aliens, or their agents?

Yes  No

If the answer to (b) above is Yes, attach an Exhibit giving full disclosure concerning this assistance.

Exhibit No.

7. (a) Has an adverse finding been made or an adverse final action taken by any court or administrative body as to the applicant or any party to this application in a civil or criminal proceeding brought under the provisions of any law related to the following:

Any felony; broadcast related antitrust or unfair competition; criminal fraud or fraud before another governmental unit; or discrimination?

Yes  No

(b) Is there now pending in any court or administrative body any proceeding involving any of the matters referred to in (a) above?

Yes  No

If the answer to (a) and/or (b) above is Yes, attach an Exhibit giving full disclosure concerning persons and matters involved, including an identification of the court or administrative body and the proceeding (by dates and file numbers), a statement of the facts upon which the proceeding is or was based or the nature of the offense alleged or committed, and a description of the current status or disposition of the matter.

Exhibit No.

PARTIES TO APPLICATION

8. Complete the following Table with respect to all parties to this application:

(NOTE: If the applicant considers that to furnish complete information would pose an unreasonable burden, it may request that the Commission waive the strict terms of this requirement with appropriate justification.)

**INSTRUCTIONS:** If applicant is a corporation or an unincorporated association with 50 or fewer stockholders, stock subscribers, holders of membership certificate or other ownership interest, fill out all columns, giving the information requested as to all officers, directors and members of governing board. In addition, give the information as to all persons or entities who are the beneficial or record owners of or have the right to vote capital stock, membership or ownership interests or are subscribers to such interests. If the applicant has more than 50 stockholders, stock subscribers or holders of membership certificates or other ownership interests, furnish the information as to officers, directors, members of governing board, and all persons or entities who are the beneficial or record owners of or have the right to vote 1% or more of the capital stock, membership or ownership interests. If applicant is a governmental or public educational agency, board or institution, fill out columns (a), (b), and (c) as to all members of the governing board and chief executive officers.

Name and Residence Address(es)  (a)	Office Held  (b)	Director or Member of Governing Board		% of: Ownership (O) or Voting Stock (VS) or Membership (M)  (d)
		YES	NO	
		(c)		
See Exhibit No. 2				

**Section II - LEGAL QUALIFICATIONS (Page 3)**

9. Does the applicant or any party to this application have, or have they had, any interest in:

(a) a broadcast station, or pending broadcast station application before the Commission?

Yes  No

(b) a broadcast application which has been dismissed with prejudice by the Commission?

Yes  No

(c) a broadcast application which has been denied by the Commission?

Yes  No

(d) a broadcast station, the license of which has been revoked?

Yes  No

(e) a broadcast application in any pending or concluded Commission proceeding which left unresolved character issues against the applicant?

Yes  No

If the answer to any of the questions in (a)-(e) above is Yes, state in an Exhibit the following information:

Exhibit No.  
3

- (1) Name of party having interest;
- (2) Nature of interest or connection, giving dates;
- (3) Call letters of stations or file number of application or docket; and
- (4) Location.

**SECTION III - FINANCIAL QUALIFICATIONS**

Note: If this application is for a change in an operating facility, DO NOT fill out this Section.

- 1. Is this application contingent upon receipt of a grant from the National Telecommunications and Information Administration?  Yes  No
  
- 2. Is this application contingent upon receipt of a grant from a charitable organization, the approval of the budget of a school or university, or an appropriation from a state, county, municipality or other political subdivision?  Yes  No

NOTE: If either Questions 1 or 2 is answered "Yes," your application cannot be granted until all of the necessary funds are committed or appropriated. In the case of grants from the National Telecommunications and Information Administration, no further action on your part is required. If you rely on funds from a source specified in Question 2, **you must advise the F.C.C. when the funds are committed or appropriated.** This should be accomplished by letter amendment to your application, in triplicate, signed in the same manner as the original application, and clearly identifying the application to be amended.

- 3. The applicant certifies, except as noted above, that sufficient net liquid assets are on hand or that sufficient funds are available from committed sources to construct and operate the requested facilities for three months without additional funds.  Yes  No

**SECTION IV - PROGRAM SERVICE STATEMENT**

Attach as an Exhibit, a brief description, in narrative form, of the planned programming service relating to the issues of public concern facing the proposed service area.

Exhibit No. 4
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NOTE: No program service statement need be filed where the proposed station's programming would be **wholly** "instructional" as that type of programming is defined in the Instructions to this Section.

**SECTION VI - EQUAL EMPLOYMENT OPPORTUNITY PROGRAM**

1. Does the applicant propose to employ five or more full-time employees?  Yes  No

If Yes, the applicant must include an EEO program called for in the separate Broadcast Equal Employment Opportunity Program Report (FCC 396-A).

**SECTION VII - CERTIFICATION**

1. Has or will the applicant comply with the public notice requirements of 47 C.F.R. Section 73.3580?  Yes  No

The APPLICANT hereby waives any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an 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 exhibits are a material part hereof and incorporated herein.

The APPLICANT represents that this application is not filed for the purpose of impeding, obstructing, or delaying determination on any other application with which it may be in conflict.

In accordance with 47 C.F.R. Section 1.65, the APPLICANT has a continuing obligation to advise the Commission, through amendments, of any substantial and significant changes in information furnished.

**WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT.  
U.S. CODE, TITLE 18, SECTION 1001.**

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

Name of Applicant Liberty University, Inc.	Title Dr. Jerry Falwell, Chancellor
Signature 	Date December 5, 1991

**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 principal purpose for which the information will be used is to determine if the benefit requested is consistent with the public interest. The staff, consisting variously of attorneys, analysts, engineers and applications examiners, will use the information to determine whether the application should be granted, denied, dismissed, or designated for hearing. If all the information 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. Accordingly, every effort should be made to provide all necessary information. Your response is required to obtain the requested authority.

Public reporting burden for this collection of information is estimated to vary from 76 to 80 hours with an average of 78 hours 04 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, Office of Managing Director, Washington, D.C. 20554, and to the Office of Management and Budget, Paperwork Reduction Project (3060-0034), Washington, D.C. 20503.

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

ADVANCEMENT OF EDUCATIONAL PROGRAM

Liberty University, Inc. ("Liberty") is a non-profit, non-stock Virginia corporation which operates Liberty University, located in Lynchburg, Virginia.

The proposed station will be primarily student-run, thereby offering Liberty University students an opportunity to learn broadcasting through "hands-on" experience. In addition to providing a valuable educational tool for teaching students how to operate a broadcast station, the station will be used as a vehicle for communicating educational and informational programming regarding issues of importance to the local community. Substantial air-time will be devoted to issue-oriented public affairs programs, many presented in an interview and/or discussion format featuring local and non-local public leaders with various points of view. Thus, Liberty University's educational program also will be advanced through the debates, lectures, and religious, cultural and news programming which will be carried on the station.

**OFFICERS AND TRUSTEES OF LIBERTY UNIVERSITY, INC.**

Liberty University, Inc. ("Liberty") is a non-stock, non-profit corporation governed by a Board of Trustees. It has three officers, all of whom are also trustees: the Chancellor, Dr. Jerry Falwell; the President, Dr. A. Pierre Guillermin; and the Chairman, Dr. Sam Pate. Attached hereto is a listing of Liberty's current officers and trustees, all of whom are U.S. citizens. Each Trustee is entitled to one vote.

**LIBERTY UNIVERSITY  
BOARD OF TRUSTEES**

1. Dr. Jerry Falwell  
Founder/Chancellor  
6023 Piedmont Place  
Lynchburg, VA 24502
2. • Mr. Sam Pate, Chairman  
P.O. Box 4000  
Lynchburg, VA 24502  
WORK 237-4000  
FAX 832-1146  
  
Business Address  
4000 Graves Mill Rd.  
Lynchburg, VA 24502
3. Mr. DeWitt Braud  
1717 Dallas Drive  
Baton Rouge, LA 70806
4. Mr. Fleet Browning  
7319 Oakwood Lane  
Charlotte, NC 28215  
HOME (704) 568-4530  
WORK (704) 563-7772
5. Mr. William E. Collins  
5300 Jupiter Hill Ct.  
Charlotte, NC 28226
6. • Mr. J. Marion Compton  
Route 6, Box 545  
Charleston, WV 25311  
HOME (304) 342-7324  
FAX (304) 949-6939
7. Dr. Don Crain  
Faith Baptist Church  
10124 Royerton Drive  
Richmond, VA 23228  
HOME (804) 747-0861  
WORK (804) 266-4271
8. Dr. Jack Dinsbeer  
University Baptist Church  
5520 University Blvd.  
Jacksonville, FL 32216  
HOME (904) 733-0951  
WORK (904) 737-6330
9. Dr. Eddie Dobson  
Calvary Church  
P. O. Box 1600  
Grand Rapids, MI 49501  
WORK (616) 956-9377  
FAX (616) 956-9723  
6875 Blue Ridge Dr. NE  
Belmont, MI 49306 (HOME)
10. • Dr. A. Pierre Guillermuin  
President  
715 Farfields Drive  
Lynchburg, VA 24502
11. Mr. Jonathan Falwell  
6023 Piedmont Place  
Lynchburg, VA 24502  
WORK 239-6327  
FAX 239-6339
12. Mrs. Macel Falwell  
6023 Piedmont Place  
Lynchburg, VA 24502
13. Dr. R. Herbert Fitzpatrick  
First Baptist Church  
of Riverdale  
1177 Largo Road  
Upper Marlboro, MD 20772  
HOME (301) 249-7461  
WORK (301) 249-7000  
FAX (301) 249-3425
14. Dr. Freddie Gage  
PO Box 156  
Eules, TX 76039  
(817) 267-3531
15. Dr. Jack Graham  
Prestonwood Baptist Church  
15720 Hillcrest  
Dallas, TX 75248  
WORK(214) 387-4475  
FAX (214) 490-3962
16. •Mr. John Heath  
3970 Grimes Street  
Roanoke, VA 24019  
HOME (703) 362-7370  
WORK (703) 563-0371 ext. 418
17. Mrs. Beverly LaHate  
370 L'Enfant Promenade, SW  
Suite 800  
Washington, DC 20024  
(202) 488-7000 or  
1-800-458-8797  
FAX (202) 488-0806

- 18. *Mr. Aaron Manley*  
1510 Versailles  
Richardson, TX 75081  
HOME (214) 234-5140  
WORK (214) 644-5679  
  
Business Address  
P.O. Box 831947  
Richardson, TX 75083  
or  
1000 E. Campbell Road  
Suite 116  
Richardson, TX 75081
- 19. \* *Mr. Raymond Mays*  
Route 4, Box 181  
Amherst, VA 24521  
HOME 922-7411
- 20. *Dr. James Merritt*  
First Baptist Church  
2400 Main Street  
Snellville, GA 30278  
(404) 972-4397
- 21. *Dr. Wilbur Peters*  
2004 Valencia Terrace  
Charlotte, NC 28226
- 22. *Dr. David Rhodenhizer*  
Calvary Road Baptist Church  
6811 Beulah Street  
Alexandria, VA 22310  
WORK (703) 922-6700
- 23. *Rev. Bailey Smith*  
155 Whitney Valley Walk  
Duluth, GA 30136  
HOME (404) 263-9186  
WORK (404) 368-0009
- 24. *Rev. Carlton Smith*  
Faith Baptist Church  
1629 Jolliff Road  
Chesapeake, VA 23321  
HOME (804) 488-6050  
WORK (804) 488-3377
- 25. *Dr. George Sweet*  
Atlantic Shores Baptist Church  
1861 Kempsville Road  
Virginia Beach, VA 23464  
WORK (804) 479-1133  
FAX (804) 479-2568
- 26. *Dr. Charles Thompson*  
Heritage Baptist Church  
5906 Ooltewah-Ringgold Rd.  
Ooltewah, TN 37363 (615) 238-5464

- 27. *Dr. Jerry Thorpe*  
Temple Baptist Church  
10th & Texas  
P.O. Box 7278  
Odessa, TX 79760  
WORK (915) 337-3641
- 28. *Mr. Gilbert Tinney, Jr.*  
2130 Phillips Avenue  
Lakeland, FL 33803  
HOME (813) 688-8771  
WORK (813) 682-7173
- 29. *Dr. Jerry Vines*  
First Baptist Church  
130 West Ashley Street  
Jacksonville, FL 32202  
(904) 356-6077  
FAX 904-366-1282  
HOME FAX 904-221-3117
- 30. *Dr. Sumner Wemp*  
10005 Chimney Hill Lane  
Dallas, TX 75243  
(214) 437-1005
- 31. *Dr. Harold Willmington*  
303 Lake Ridge Drive  
Forest, VA 24551  
HOME 525-1822
- 32. *Dr. Danny Lovett*  
Open Door Baptist Church  
1785 McFarland Blvd. NE  
Tuscaloosa, AL 35406  
205-349-1580
- \*\* *Mr. Mark DeMoss*  
Mark DeMoss & Assoc.  
2351-D  
Henry Clower Blvd.  
Snellville, GA 30278  
WORK (404) 978-2000  
FAX (404) 978-6282

\* Members of the Executive Committee  
\*\* Ex Officio

**OTHER BROADCAST INTERESTS**

Liberty University, Inc. ("Liberty") is the licensee of noncommercial educational FM Broadcast Station WRVL, Lynchburg, Virginia. It is also the licensee of ITFS Station WHR-507, and Low Power Television Station W19BC, both also licensed to Lynchburg.

Dr. Jerry Falwell, Liberty's Chancellor and a member of its Board of Trustees, and Charles Thompson, a Liberty Trustee, are also directors of Liberty Broadcasting Network ("LBN"), a non-stock, non-profit corporation. LBN is the licensee of domestic fixed earth station E881163.

Dr. Falwell is also the director and president of Old Time Gospel Hour ("OTGH"), a non-stock, non-profit Virginia corporation which holds licenses for earth stations E860372 and E861040. Both LBN and OTGH produce programming which is disseminated via satellite.

**PROGRAM SERVICE STATEMENT**

The station will carry entertainment and non-entertainment programming. Liberty proposes to devote substantial time to issue-oriented public affairs, news, religious, educational and cultural programming designed to meet the needs of the Lynchburg area listening public.

**FCC Original**

**Engineering Exhibit**

**APPLICATION FOR CONSTRUCTION PERMIT**

prepared for  
**Liberty University**  
Lynchburg, Virginia

Ch 210A (89.9 MHz) 0.10 KW (H&V) 184 m

November 26, 1991

**Lahm, Suffa & Cavell, Inc.**

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**Consulting Engineers  
3975 University Drive  
Suite #450  
Fairfax, VA 22030  
703-591-0110**

# **ENGINEERING EXHIBIT**

## **Application for Construction Permit**

prepared for  
**Liberty University**  
Lynchburg, Virginia

Ch 210A (89.9 MHz) 0.10 KW (H&V) 184 m

### **Table of Contents**

	FCC Form 301, Section V-B
Figure 1	Proposed Antenna and Supporting Structure
Statement A	Interference Considerations
Figure 2	Proposed Transmitter Site
Table 1	Proposed Coverage and Interfering Contours
Figure 3	Proposed Coverage Contour
Tables 2A-2E	Allocation Study Contour Location Data
Figure 4	Allocation Study
Statement B	Allocation Considerations
Statement C	Channel 6 Considerations
Figure 5	Channel 6 Interference Study
Statement D	Environmental Considerations

<b>Section V-B - FM BROADCAST ENGINEERING DATA</b>	<b>FOR COMMISSION USE ONLY</b> File No. _____ ASB Referral Date _____ Referred by _____
--	--

Name of Applicant \_\_\_\_\_

**Liberty University**

Call letters (if issued)  <p style="text-align: center;"><b>New</b></p>	Is this application being filed in response to a window? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  If Yes, specify closing date: _____
---	---

Purpose of Application: (check appropriate boxes)

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Construct a new (main) facility            | <input type="checkbox"/> Construct a new auxiliary facility                         |
| <input type="checkbox"/> Modify existing construction permit for main facility | <input type="checkbox"/> Modify existing construction permit for auxiliary facility |
| <input type="checkbox"/> Modify licensed main facility                         | <input type="checkbox"/> Modify licensed auxiliary facility                         |

If purpose is to modify, indicate below the nature of change(s) and specify the file number(s) of the authorizations affected.

- |   |  |
|---|--|
| <input type="checkbox"/> Antenna supporting-structure height  | <input type="checkbox"/> Effective radiated power  |
| <input type="checkbox"/> Antenna height above average terrain | <input type="checkbox"/> Frequency                 |
| <input type="checkbox"/> Antenna location                     | <input type="checkbox"/> Class                     |
| <input type="checkbox"/> Main Studio location                 | <input type="checkbox"/> Other (Summarize briefly) |

File Number(s) \_\_\_\_\_

**1. Allocation:**

Channel No.	Principal community to be served:			Class (check only one box below)			
	City	County	State	<input checked="" type="checkbox"/> A	<input type="checkbox"/> B1	<input type="checkbox"/> B	<input type="checkbox"/> C3
210	Lynchburg	Campbell	VA	<input type="checkbox"/> C2	<input type="checkbox"/> C1	<input type="checkbox"/> C	<input type="checkbox"/> D

**2. Exact location of antenna.**

- (a) Specify address, city, county and state. If no address, specify distance and bearing relative to the nearest town or landmark.  
**On Candler Mountain, 0.8 km S. S.E. of the intersection of Candler Mountain Road and State Route 224.**
- (b) Geographical coordinates (to nearest second). If mounted on element of an AM array, specify coordinates of center of array. Otherwise, specify tower location. Specify South Latitude or East Longitude where applicable; otherwise, North Latitude or West Longitude will be presumed.

Latitude      37      20      56      "	Longitude      79      10      05      "
---	--

3. Is the supporting structure the same as that of another station(s) or proposed in another pending application(s)?     Yes     No

If Yes, give call letter(s) or file number(s) or both.      W19BC, land mobile facilities

If proposal involves a change in height of an existing structure, specify existing height above ground level including antenna, all other appurtenances, and lighting, if any.  
\_\_\_\_\_ **N/A** \_\_\_\_\_

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 2)

4. Does the application propose to correct previous site coordinates?  Yes  No  
 If Yes, list old coordinates.

Latitude            °            '            "	Longitude           °            '            "
---	---

5. Has the FAA been notified of the proposed construction?  Yes  No  
 If Yes, give date and office where notice was filed and attach as an Exhibit a copy of FAA determination, if available. **No change in tower height; notification not required by FCC Rules.** Exhibit No.  
N/A  
 Date \_\_\_\_\_ Office where filed \_\_\_\_\_

6. List all landing areas within 8 km of antenna site. Specify distance and bearing from structure to nearest point of the nearest runway.

	Distance (km)	Bearing (degrees True)
(a) <u>Lynchburg</u>	<u>3.2</u>	<u>225</u>
(b) <u>Falwell</u>	<u>4.5</u>	<u>45</u>

7. (a) Elevation: *(to the nearest meter)*

(See Figure 1 for non-rounded values)

(1) of site above mean sea level; 414 meters

(2) of the top of supporting structure above ground (including antenna, all other appurtenances, and lighting, if any); and 21 meters

(3) of the top of supporting structure above mean sea level [(aX1) + (aX2)] 435 meters

(b) Height of radiation center: *(to the nearest meter)* H = Horizontal; V = Vertical

(1) above ground 10 meters (H)

10 meters (V)

(2) above mean sea level [(aX1) + (bX1)] 424 meters (H)

424 meters (V)

(3) above average terrain 184 meters (H)

184 meters (V)

8. Attach as an Exhibit sketch(es) of the supporting structure, labelling all elevations required in Question 7 above, except item 7(bX3). If mounted on an AM directional-array element, specify heights and orientations of all array towers, as well as location of FM radiator. Exhibit No.  
Fig. 1

9. Effective Radiated Power:

(a) ERP in the horizontal plane 0.10 kw (H\*) 0.10 kw (V\*)

(b) Is beam tilt proposed?  Yes  No

If Yes, specify maximum ERP in the plane of the tilted beam, and attach as an Exhibit a vertical elevational plot of radiated field. Exhibit No.

\_\_\_\_\_ kw (H\*) \_\_\_\_\_ kw (V\*)

\*Polarization

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 3)

10. Is a directional antenna proposed?

Yes  No

If Yes, attach as an Exhibit a statement with all data specified in 47 C.F.R. Section 73.316, including plot(s) and tabulations of horizontally and vertically polarized radiated components in terms of relative field.

Exhibit No.  
N/A

11. Will the main studio be located within the 70 dBu or 3.16 mV/m contour?

Yes  No

If No, attach as an Exhibit justification pursuant to 47 C.F.R. Section 73.1125.

Exhibit No.  
N/A

12. Are there: (a) within 60 meters of the proposed antenna, any proposed or authorized FM or TV transmitters, or any nonbroadcast (except citizens band or amateur) radio stations; or (b) within the blanketing contour, any established commercial or government receiving stations, cable head-end facilities, or populated areas; or (c) within ten (10) kilometers of the proposed antenna, any proposed or authorized FM or TV transmitters which may produce receiver-induced intermodulation interference?

Yes  No

If Yes, attach as an Exhibit a description of any expected, undesired effects of operations and remedial steps to be pursued if necessary, and a statement accepting full responsibility for the elimination of any objectionable interference (including that caused by receiver-induced or other types of modulation) to facilities in existence or authorized or to radio receivers in use prior to grant of this application. (See 47 C.F.R. Sections 73.315(b), 73.316(d) and 73.318.)

Exhibit No.  
Stmt. A

13. Attach as an Exhibit a 7.5 minute series U.S. Geological Survey topographic quadrangle map that shows clearly, legibly, and accurately, the location of the proposed transmitting antenna. This map must comply with the requirements set forth in Instruction D for Section V. Further, the map must clearly and legibly display the original printed contour lines and data as well as latitude and longitude markings, and must bear a scale of distance in kilometers.

Exhibit No.  
Fig. 2

14. Attach as an Exhibit (name the source) a map which shows clearly, legibly, and accurately, and with the original printed latitude and longitude markings and a scale of distance in kilometers:

Exhibit No.  
Fig. 3

U.S.G.S. Roanoke 1:250,000

- (a) the proposed transmitter location, and the radials along with profile graphs have been prepared;
- (b) the 1 mV/m predicted contour and, for noncommercial educational applicants applying on a commercial channel, the 3.16 mV/m contour; and
- (c) the legal boundaries of the principal community to be served.

15. Specify area in square kilometers (1 sq. mi. = 2.59 sq. km.) and population (latest census) within the predicted 1 mV/m contour.

Area 619 sq. km. Population 111,550

16. Attach as an Exhibit a map (Sectional Aeronautical charts where obtainable) showing the present and proposed 1 mV/m (60 dbu) contours. New Station; no gain/loss

Exhibit No.  
Fig. 3

Enter the following from Exhibit above: Gain Area \_\_\_\_\_ sq. mi.  
Loss Area \_\_\_\_\_ sq. mi.

Percent change (gain area plus loss area as percentage of present area) \_\_\_\_\_ %.  
If 50% or more this constitutes a major change. Indicate in question 2(c), Section I, accordingly.

Exhibit No.  
N/A

17. For an application involving an auxiliary facility only, attach as an Exhibit a map (*Sectional Aeronautical Chart or equivalent*) that shows clearly, legibly, and accurately, and with latitude and longitude markings and a scale of distance in kilometers:

(a) the proposed auxiliary 1 mV/m contour; and

(b) the 1 mV/m contour of the licensed main facility for which the applied-for facility will be auxiliary. Also specify the file number of the license. See 47 C.F.R. Section 73.1675. (File No.: \_\_\_\_\_)

18. Terrain and coverage data (*to be calculated in accordance with 47 C.F.R. Section 73.313*).

Source of terrain data: (*check only one box below*)

Linearly interpolated 30-second database       7.5 minute topographic map

(Source: NGDC TPG-0050)

Other (*briefly summarize*).

Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 3 to 16 km (meters)	Predicted Distances to the 1 mV/m contour (kilometers)
0	SEE TABLE 1	
45		
90		
135		
180		
225		
270		
315		

**Allocation Studies**

(*See Subpart C of 47 C.F.R. Part 73*)

19. Is the proposed antenna location within 320 kilometers (199 miles) of the common border between the United States and Mexico?

Yes     No

If Yes, attach as an Exhibit a showing of compliance with all provisions of the Agreement between the United States of America and the United Mexican States concerning Frequency Modulation Broadcasting in the 88 to 108 MHz band.

Exhibit No.

20. Is the proposed antenna location within 320 kilometers of the common border between the United States and Canada?

Yes  No

If Yes, attach as an Exhibit a showing of compliance with all provisions of the Working Agreement for Allocation of FM Broadcasting Stations on Channels 201-300 under The Canada-United States FM Agreement of 1947.

Exhibit No.  
N/A

21. If the proposed operation is for a channel in the range from channel 201 through 220 (88.1 through 91.9 MHz), or if this proposed operation is for a class D station in the range from Channel 221 through 300 (92.1 through 107.9 MHz), attach as an Exhibit a complete allocation study to establish the lack of prohibited overlap of contours with other U.S. stations. The allocation study should include the following:

Exhibit No.  
Fig. 4

Stmt B  
Tables 2A-E

- (a) The normally protected interference-free and the interfering contours for the proposed operation along all azimuths.
- (b) Complete normally protected interference-free contours of all other proposals and existing stations to which objectionable interference would be caused.
- (c) Interfering contours over pertinent arcs of all other proposals and existing stations from which objectionable interference would be received.
- (d) Normally protected and interfering contours over pertinent arcs, of all other proposals and existing stations, which require study to show the absence of objectionable interference.
- (e) Plot of the transmitter location of each station or proposal requiring investigation, with identifying call letters, file numbers and operating or proposed facilities.
- (f) When necessary to show more detail, an additional allocation study will be attached utilizing a map with a larger scale to clearly show interference or absence thereof.
- (g) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire Exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
- (h) The name of the map(s) used in the Exhibit(s).

22. With regard to any stations separated by 53 or 54 channels (10.6 or 10.8 MHz) attach as an Exhibit information required in 1/ (*separation requirements involving intermediate frequency (i.f.) interference*).

Exhibit No.  
Stmt. B

23.(a) Is the proposed operation on Channel 218, 219, or 220?

Yes  No

(b) If the answer to (a) is yes, does the proposed operation satisfy the requirements of 47 C.F.R. Section 73.207?

Yes  No  
N/A

(c) If the answer to (b) is yes, attach as an Exhibit information required in 1/ regarding separation requirements with respect to stations on Channels 221, 222 and 223.

Exhibit No.  
N/A

(d) If the answer to (b) is no, attach as an Exhibit a statement describing the short spacing(s) and how it or they arose.

Exhibit No.  
N/A

1/ A showing that the proposed operation meets the minimum distance separation requirements. Include existing stations, proposed stations, and cities which appear in the Table of Allotments; the location and geographic coordinates of each antenna, proposed antenna or reference point, as appropriate; and distance to each from proposed antenna location.

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 6)

(e) If authorization pursuant to 47 C.F.R. Section 73.215 is requested, attach as an Exhibit a complete engineering study to establish the lack of prohibited overlap of contours involving affected stations. The engineering study must include the following:

Exhibit No.  
N/A

- (1) Protected and interfering contours, in all directions (360°), for the proposed operation.
- (2) Protected and interfering contours, over pertinent arcs, of all short-spaced assignments, applications and allotments, including a plot showing each transmitter location, with identifying call letters or file numbers, and indication of whether facility is operating or proposed. For vacant allotments, use the reference coordinates as transmitter location.
- (3) When necessary to show more detail, an additional allocation study utilizing a map with a larger scale to clearly show prohibited overlap will not occur.
- (4) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
- (5) The official title(s) of the map(s) used in the exhibits(s).

24. Is the proposed station for a channel in the range from Channel 201 to 220 (88.1 through 91.9 MHz) and the proposed antenna location within the distance to an affected TV Channel 6 station(s) as defined in 47 C.F.R. Section 73.525?

Yes  No

If Yes, attach as an Exhibit either a TV Channel 6 agreement letter dated and signed by both parties or a map and an engineering statement with calculations demonstrating compliance with 47 C.F.R. Section 73.525 for each affected TV Channel 6 station.

Exhibit No.  
Stmt. C

Fig. 5

25. Is the proposed station for a channel in the range from Channel 221 to 300 (92.1-107.9 MHz)?

Yes  No

If Yes, attach as an Exhibit information required in 1/. (Except for Class D (secondary) proposals.)

Exhibit No.  
N/A

26. Environmental Statement (See 47 C.F.R. Section 1.1301 et seq.)

Would a Commission grant of this application come within Section 1.1307 of the FCC Rules, such that it may have a significant environmental impact?

Yes  No

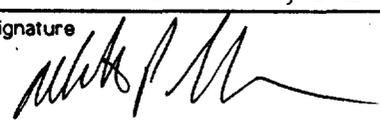
If you answer Yes, submit as an Exhibit an Environmental Assessment required by Section 1.1311.

Exhibit No.  
N/A

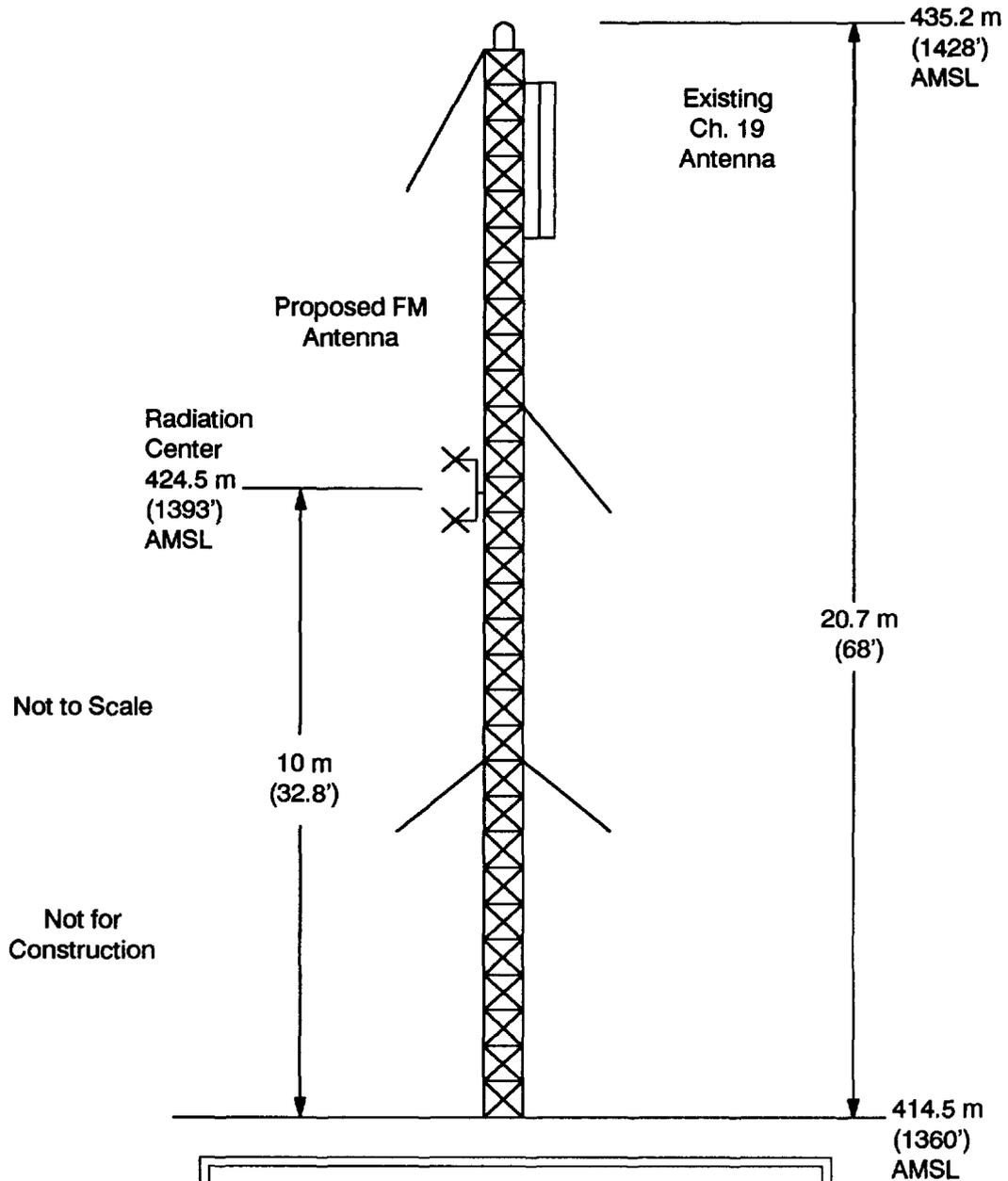
If No, explain briefly why not. See Stmt. D

CERTIFICATION

I certify that I have prepared this Section of this application on behalf of the applicant, and that after such preparation, I have examined the foregoing and found it to be accurate and true to the best of my knowledge and belief.

Name (Typed or Printed) William P. Suffa, P.E.	Relationship to Applicant (e.g., Consulting Engineer) Consulting Engineer
Signature 	Address (Include ZIP Code) Lahm, Suffa & Cavell, Inc. 3975 University Drive, Suite 450 Fairfax, VA 22030
Date November 26, 1991	Telephone No. (Include Area Code) (703) 591-0110

Site Coordinates  
37° 20' 56" N  
79° 10' 05" W



**FIGURE 1**  
**ANTENNA SYSTEM ELEVATION PLAN**

prepared November 1991 for  
**Liberty University, Inc.**  
Lynchburg, Virginia  
Ch 210A 0.1 kW 184 m

**Lahm, Suffa & Cavell, Inc.**  
Consulting Engineers - Fairfax, VA

Statement A

**INTERFERENCE CONSIDERATIONS**

prepared for  
**Liberty University**  
Lynchburg, Virginia

Ch 210A (89.9 MHz) 0.10 KW (H&V) 184 m

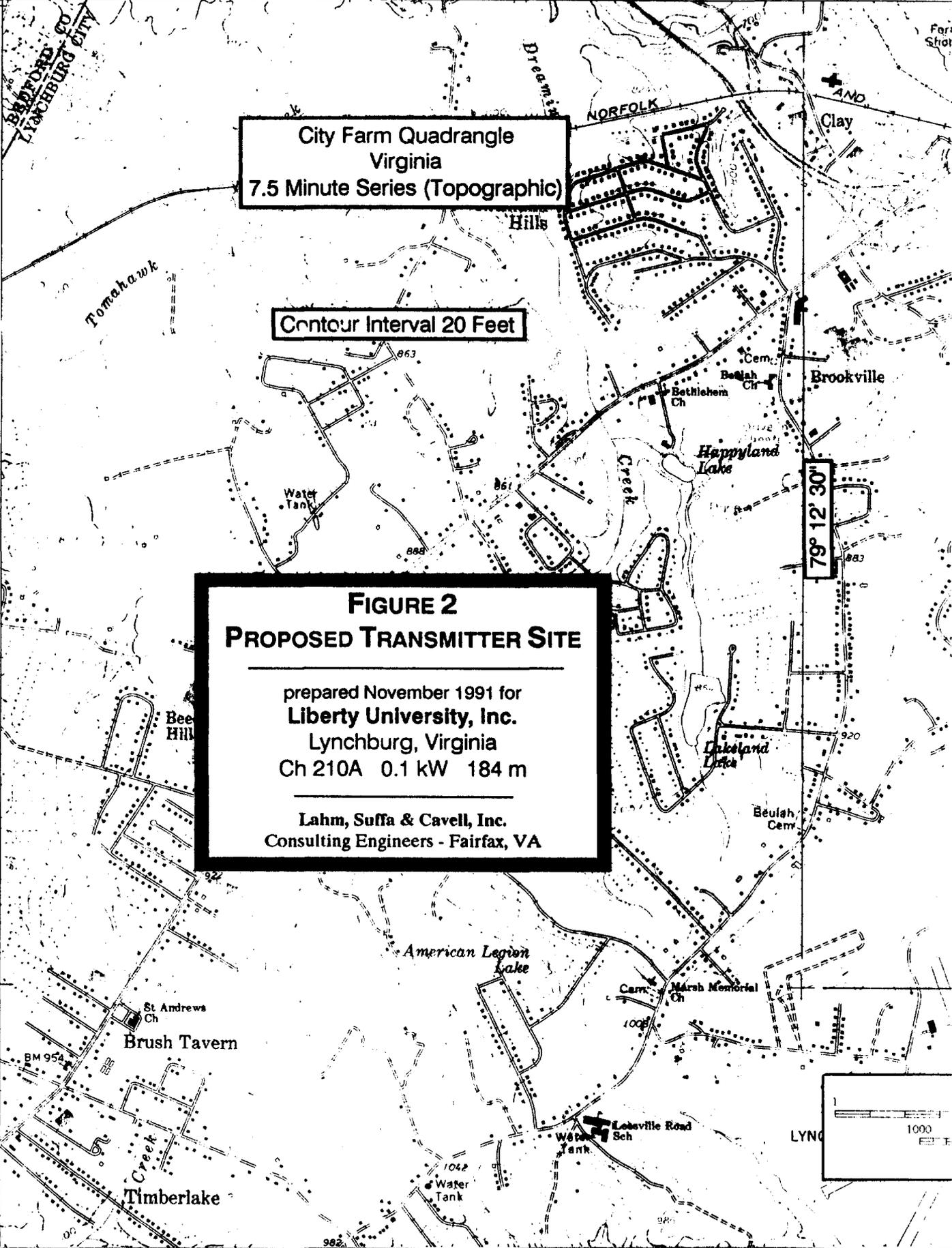
Liberty University proposes to construct a new educational FM station to serve Lynchburg, Virginia. The proposed facility would have maximum effective radiated power of 0.10 kilowatts at 184 meters above average terrain (AAT).

The site proposed for use by Liberty is a location used by Low Power Television Station W19BC as well as land mobile stations. It is immediately adjacent to the transmitting site of FM station WKZZ, Lynchburg and other land mobile interests. There are several other broadcast facilities within 10 kilometers of the proposed facility. No intermodulation or blanketing interference is expected with respect to facilities or radio receivers currently in operation. The blanketing contour extends a mere 200 meters - not even off the wooded mountaintop. There are no intermodulation products of particular concern from facilities within 10 kilometers of the proposed site.

Based upon an examination of the FCC's database, it would first appear that this proposed facility would affect the operation of Lynchburg College on channel 210D (WWLC). However, an examination of the Commission's BAPS Facility/Application Information Report, along with informal inquiries made of the Commission's staff, reveals that the WWLC license expired in 1984 and has not been renewed. In any event, it should be noted that since the station was a class D facility, it would have been subject to displacement by the full-service facility proposed by Liberty University.

In the unlikely event that interaction occurs between the proposed station and other facilities, it is expected that filtering can satisfactorily resolve any problems. The applicant will cooperate with other stations and take any reasonable steps to remedy any new interference to the extent required by the FCC Rules.

The proposed facility will be located south of Latitude 37° 30' N, so notification of the National Radio Astronomy Observatory at Green Bank, Virginia is not required by Section 73.1030(a) of the Commission's Rules. Accordingly, no such notification has been made.



**City Farm Quadrangle  
Virginia  
7.5 Minute Series (Topographic)**

**Contour Interval 20 Feet**

**FIGURE 2  
PROPOSED TRANSMITTER SITE**

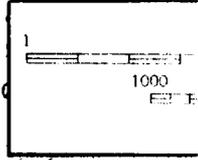
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prepared November 1991 for  
**Liberty University, Inc.**  
Lynchburg, Virginia  
Ch 210A 0.1 kW 184 m

---

**Lahm, Suffa & Cavell, Inc.**  
Consulting Engineers - Fairfax, VA

79° 12' 30"



LYN