

MM 97-128

For Commission Use Only
File No.

United States of America
Federal Communications Commission
Washington, D.C. 20554

Approved by OMB
3060-0027
Expires 12/31/84

APPLICATION FOR CONSTRUCTION PERMIT FOR COMMERCIAL BROADCAST STATION
(Carefully read instructions before filling out Form - RETURN ONLY FORM TO FCC)

RECEIVED

DEC 2 1983

Section I

General Information

1. Name of Applicant

Street Address Office of the Secretary

Shurberg Broadcasting of Hartford, Inc.

100 Cold Spring Road

City

State

ZIP Code

Telephone No.
(Include Area Code)

Rocky Hill

CT

06067

Send notices and communications to the following named person at the address below:
Same as above, with copy to:

Name

Street Address

Harry F. Cole, Esq.

1000 Potomac Street

City

State

ZIP Code

Telephone No.
(Include Area Code)

Washington

DC

20007

(202) 298-6910

2. This application is for: AM FM TV

(a) Channel No. or Frequency: 18

(b) Community of license:

City

State

Hartford

CT

3. Check one of the following boxes:

<input checked="" type="checkbox"/> New Station	<input type="checkbox"/> Change in existing station Major	<input type="checkbox"/> Minor	<input type="checkbox"/> Amendment to pending Application
<input checked="" type="checkbox"/> Modification of Construction Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Call Letters		Give reference No.

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

WHCT-TV

Hartford

CT

REC'D MASS MED BUR

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PUBLIC REF. ROOM

Section II

Legal Qualifications

Name of Applicant Shurberg Broadcasting of Hartford, Inc.

1. Applicant is: (check one box below)

- an individual, a general partnership, a corporation, a limited partnership, other

2. If the applicant is an unincorporated association or a legal entity other than an individual, partnership or corporation, describe in Exhibit No. _____ the nature of the applicant.

Citizenship And Other Statutory Requirements

- 3. (a) Is the applicant in compliance with the provisions of Section 310 of the Communications Act of 1934, as amended, relating to interests of aliens and Foreign governments? YES NO
(b) Will any funds, credits, etc., 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 yes, provide particulars as Exhibit No. _____

- 4. (a) Has an adverse finding been made, adverse final action taken or consent decree approved by any court or administrative body as to the applicant or any party to the application in any civil or criminal proceeding brought under the provisions of any law related to the following: Any felony, antitrust, unfair competition, fraud, unfair labor practices 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)? YES NO

If the answer to (a) or (b) above is Yes, attach as Exhibit No. _____, a full disclosure concerning the persons and matters involved, identifying the court or administrative body and the proceeding (by dates and file numbers), stating the facts upon which the proceeding was based or the nature of the offense committed, and disposition or current status of the matter.

Applicants are reminded that questions 5 through 7 of this Section must be completed as to all "parties to this application" as that term is defined in the instructions to Section II of this form.

Table I Parties To Application

5. (a) Complete Table I 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 an individual, fill out column (a) only. If applicant is a partnership, fill out columns (a), (b), and (d), stated as to each general or limited partner (including silent partners): (a) name and residence, (b) nature of partnership interest (i.e., general or limited), and (d) percent of ownership interest. 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 owner 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 owner interest, except that if such entity is a bank, insurance company or investment company (as defined by 15 U.S.C. §80a-3) which does not invest for purposes of control, the stock, membership or owner interest need only be reported if 5% or more.

Name and Residence (Home) Address(es) (a)	Nature of Partnership Interest or Office Held (b)	Director or Member of Governing Board		% of: Ownership (O) or Partnership (P) or Voting Stock (VS) or Membership (M) (d)
		YES	NO	
		(c)		
Alan Shurberg 100 Cold Spring Road Rocky Hill, CT 06067	President and Director	X		100% (VS)

YES NO

- 5. (b) Does the applicant or any party to this application, own or have any interest in a daily newspaper or cable television system? YES NO
- (c) Does the applicant or any party to this application have an interest in an investment company, bank, or insurance company which has an interest in a broadcast station, cable system or daily newspaper? YES NO
- (d) Is the applicant or any party to this application an officer, director or partner of an investment company, bank, or insurance company which has an interest in a broadcast station, cable system or daily newspaper? YES NO

If the answer to questions 5(b), (c) or (d) is Yes, attach as Exhibit No. _____, a full disclosure concerning persons involved, the nature of such interest, the media interest and its location.

Other Broadcast Interests

6. Does applicant or any party to this application have any interest in or connection with the following:

- (a) an AM, FM or TV broadcast station? See Exhibit 1. YES NO
- (b) a broadcast application pending before the FCC? YES NO

7. Has the applicant or any party to this application had any interest in:

- (a) a broadcast application which has been dismissed with prejudice by the Commission? YES NO
- (b) a broadcast application which has been denied by the Commission? YES NO
- (c) a broadcast station, the license of which has been revoked? YES NO
- (d) a broadcast application in any Commission proceeding which left unresolved character issues against that applicant? YES NO
- (e) if the answer to any of the questions in 6 or 7 is Yes, state in Exhibit No. 1, the following information:

- (i) Name of party having such interest;
- (ii) Nature of interest or connection, giving dates;
- (iii) Call letters of stations or file number of application, or docket number;
- (iv) Location.

- 8. (a) Are any of the parties to this application related to each other (as husband, wife, father, mother, brother, sister, son or daughter)? Not Applicable YES NO
- (b) Does any member of the immediate family (i.e., husband, wife, father, mother, brother, sister, son or daughter) of any party to this application have any interest in or connection with any other broadcast station or pending broadcast application? Not Applicable YES NO

If the answer to (a) or (b) above is Yes, attach as Exhibit No. _____, a full disclosure concerning the persons involved, their relationship, the nature and extent of such interest or connection, the file number of such application, and the location of such station or proposed station.

Legal Qualifications

Ownership And Control

YES NO

9. Are there any documents, instruments, contracts or understandings relating to ownership or future ownership rights (including, but not limited to, non-voting stock interests, beneficial stock ownership interests, options, warrants, debentures)?

If Yes, provide particulars as Exhibit No. _____.

10. Do documents, instruments, agreements or understandings for the pledge of stock of a corporate applicant, as security for loans or contractual performance, provide that (a) voting rights will remain with the applicant, even in the event of default on the obligation; (b) in the event of default, there will be either a private or public sale of the stock; and (c) prior to the exercise of stockholder rights by the purchaser at such sale, the prior consent of the Commission (pursuant to 47 U.S.C. 310 (d)) will be obtained?

No such documents exist.

If No, attach as Exhibit No. _____, a full explanation.

Section III

Financial Qualifications

NOTE: If this application is for a change in an operating facility do not fill out this section.

1. The applicant certifies that sufficient net liquid assets are on hand or are available from committed sources to construct and operate the requested facilities for three months without revenue.

2. The applicant certifies that:

(a) it has a reasonable assurance of a present firm intention for each agreement to furnish capital or purchase capital stock by parties to the application, each loan by banks, financial institutions or others, and each purchase of equipment on credit;

(b) it can and will meet all contractual requirements as to collateral, guarantees, and capital investment;

(c) it has determined that a reasonable assurance exists that all such sources (excluding banks, financial institutions, and equipment manufacturers) have sufficient net liquid assets to meet these commitments.

Financial certification to be supplied.

Section IV

Program Service Statement

For AM And FM Applications

1. Attach as Exhibit No. _____, a brief description, in narrative form, of the planned programming service relating to the issues of public concern facing the proposed service area.

Not Applicable

For Television Applications

2. State the minimum amount of time, between 6:00 a.m. and midnight, the applicant proposes to normally devote each week to the program types listed below (See definitions in instructions). Commercial matter, within a program segment, shall be excluded in computing the time devoted to that particular program segment, e.g., a 15-minute news program containing three minutes of commercial matter, shall be computed as a 12-minute news program.

	Hours	Minutes	% of Total Time on Air
News	<u>6</u>	<u>--</u>	<u>5%</u>
Public Affairs	<u>3</u>	<u>--</u>	<u>2.5%</u>
All other Programs Exclusive of Sports and Entertainment	<u>12</u>	<u>30</u>	<u>10%</u>
LOCAL PROGRAMMING	<u>12</u>	<u>30</u>	<u>10.4%</u>

3. State the maximum amount of commercial matter the applicant proposes to allow normally in any 60-minute segment:

16 minutes

4. State the maximum amount of commercial matter the applicant proposes to allow normally in a 60-minute segment between the hours of 6 p.m. to 11 p.m. (5 p.m. to 10 p.m. Central and Mountain Times):

16 minutes

(a) State the number of hourly segments per week this amount is expected to be exceeded, if any:

None, except as specified in Paragraph 5, below.

5. State in Exhibit No. _____, in full detail, the reasons why the applicant would allow the amount of commercial matter stated in Questions 3 and 4 above to be exceeded.

Applicant would only exceed the amount of commercial matter stated in Paragraphs 3 and 4 above during the 90-day period immediately precedent to a general election. During such periods it may be necessary to exceed the above-stated limits to comply with the Commission's rules on political advertising. In no event would the amount of commercial matter exceed 20 minutes during 10 percent or more of the station's total weekly hours of operation.

Section V-C

Television Broadcast Engineering Data

Name of Applicant SHURBERG BROADCASTING OF HARTFORD, INC.

1. Purpose of authorization applied for:

- Construct a new station Install Auxiliary System
- Change:
- Effective radiated power Frequency
- Antenna height above average terrain Transmitter location
- Studio location outside community of license
- Other (Summarize briefly the nature of the changes proposed)

2. Station location:

State City or town
 Connecticut Hartford

3. Facilities requested: Channel Zone Maximum effective radiated power

		Visual	Aural
<u>18</u>	<u>I</u>	<u>5000</u> KW	<u>500</u> KW

4. Geographical Coordinates of antenna (to nearest second)

North Latitude: 41° 45' 39" West Longitude: 72° 48' 08"

5. Height of antenna radiation center: HAAT AMSL AGL

619 ft. 906 ft. 246 ft.

6. Overall height of complete antenna structure above ground (with obstruction lighting) 294 ft.

7. Antenna: Manufacturer Model No. Electrical beam tilt

DA Non-DA RCA TFU-50J UHF Pylon 0.0 degrees

Azimuth of major lobe Mechanical beam tilt

NA degrees true NA degrees

8. Transmitter location: State: County

Connecticut Hartford
 City or Town Street Address or Other I.D.

Avon Deercliff Road - Avon
3.85 mi. Southeast of Avon Village

Section V-C (page 2) Television Broadcast Engineering Data

9. (a) If directional antenna is proposed, give full details including horizontal and vertical plane radiation patterns as Exhibit No. Pursuant to Section 73.685 of the Commission's Rules.
NA
- (b) If electrical or mechanical beam tilting is proposed, describe fully in Exhibit No. ___ pertinent vertical and horizontal radiation patterns. NA
10. Attach as Exhibit No. ___ map(s) (Sectional Aeronautical charts or equivalent) of the area proposed to be served and show thereon:
SEE ENGINEERING STATEMENT
- (a) Proposed transmitter location and the radials along which the profile graphs have been prepared;
- (b) The City Grade, Grade A and Grade B contours predicted;
- (c) On the map(s) showing the City Grade contour, clearly indicate the legal boundaries of the principal community proposed to be served;
- (d) Scale of miles;
- (e) Area (sq. mi.) and population (latest census) within Grade B contour.
11. Will the proposed City Grade contour completely encompass the principal community without major terrain obstruction? Yes No
12. If the main studio will not be within the boundaries of the principal community to be served, attach as Exhibit No. ___ a justification pursuant to Section 73.1125 of the Commission's Rules. NA
13. Attach as Exhibit No. ___ map(s) (7.5 minute U.S. Geographic Survey topographic quadrangles (if available) of the proposed antenna location showing the following information: SEE ENGINEERING STATEMENT
- (a) Proposed transmitter location accurately plotted with the latitude and longitude lines clearly marked and showing a scale of statute miles.
- (b) Transmitter location and call letters of all AM broadcast stations within 2 miles of the proposed antenna location.
14. If there are any FM or TV stations within 200 feet of the proposed antenna or non-broadcast radio stations (except amateur and citizens band), established commercial and government receiving station in the general vicinity which may be adversely affected by the proposed operation, attach as Exhibit No. ___ the expected effect, a description of remedial steps that may be pursued if necessary, and a statement from the applicant accepting full responsibility for the elimination of any objectionable effect on existing stations.
SEE ENGINEERING STATEMENT

Section V-C (page 3) Television Broadcast Engineering Data

5. Tabulation of Terrain Data (Calculated in accordance with the procedure prescribed in Section 73.684 of the Commission's Rules, utilizing 7-1/2 minute topographic maps if available.)

Radial Bearing (degrees True)	Height of Antenna radiation center above average elevation of radial (2-10 mile) Feet	to the City Grade contour Miles	Predicted Distance to the Grade A Contour Miles	Distance to the Grade B Contour Miles
0	555	29.3	34.8	44.1
45	762	32.1	37.6	47.9
90	840	33.0	38.5	48.9
135	733	31.8	37.2	47.3
180	623	30.3	35.8	45.5
225	644	30.6	36.0	45.9
270	340	25.5	31.0	40.0
315	458	27.8	33.2	42.5
(*)				

(*) Radial over principal community, if not included in above. DO NOT include in average.

Environmental Statement, See Part 1, Subpart 1 of the FCC Rules.

Would a grant of this application be a major action, as defined by Section 1.1305 of the Commission's Rules? Yes No

If Yes, attach as Exhibit No. a narrative statement in accordance with Section 1.1311 of the Commission's Rules.

If No, explain briefly. Overall height of existing structure will not be increased.

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.

November 28, 1983
Date

Kamali Karunaratne

Kamali Karunaratne

2033 M Street, N.W. #702

Washington, D.C. 20036

(202) 775-0057

Staff Engineer

ENGINEERING STATEMENT

SHURBERG BROADCASTING OF HARTFORD, INC.
APPLICATION FOR A
NEW TELEVISION STATION
HARTFORD, CONNECTICUT

Channel 18 5000KW 619 Feet

November 28, 1983

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SHURBERG BROADCASTING OF HARTFORD, INC.
APPLICATION FOR A
NEW TELEVISION STATION
HARTFORD, CONNECTICUT

Channel 18 5000KW 619 Feet

Engineering Statement

Table I	Mileage Separation Study
Table II	Predicted Distances to Proposed Coverage Contours
Figure 1	Predicted Coverage Contours
Figure 2	Sketch of Antenna
Figure 3	Map of Site

FCC Form 301 Sections V-C & V-G Attached

ENGINEERING STATEMENT

SHURBERG BROADCASTING OF HARTFORD, INC.
APPLICATION FOR A
NEW TELEVISION STATION
HARTFORD, CONNECTICUT

Channel 18 5000KW 619 Feet

This Engineering Statement is submitted in support of an application by Shurberg Broadcasting of Hartford, Inc., seeking authorization to construct a new Television Broadcast Station to serve Hartford, Connecticut. The proposal for this facility requests operation on Channel 18 (494-500 MHz) with a visual ERP of 5000KW, an aural ERP of 500KW and antenna HAAT of 619 feet.

The applicant proposes to operate from a transmitter site located 3.85 miles Southeast of Avon Village. It is proposed to top mount the proposed UHF transmitting antenna on the existing WHCT-TV tower. The supporting structure will be reduced in height to maintain the overall tower height at its authorized level. The coordinates of the proposed site are:

North Latitude: 41° 45' 39"

West Longitude: 72° 48' 08"

These coordinates were taken from information in the FCC files for Station WHCT-TV.

It is proposed to install and operate an RCA, TTU-110C transmitter at a power output level of 105.75KW. The transmitter power output will then be fed through approximately 300 feet of RCA, Type-MI-561671 8&3/16" 75 ohm rigid transmission line. Attenuation for this type of line operating between 494-500 MHz is approximately 0.0809 dB/100 feet, resulting in a transmission line loss of 0.2427 dB.

An RCA, TFU-50J UHF pylon Television transmitting antenna with no electrical beam tilt will be top-mounted with its center of radiation at the 246 foot level above ground on the supporting structure. The manufacturer's rated power gain for the proposed antenna is 50 (16.99 dB).

Based upon the noted transmitter power outputs, aural multiplexer loss, transmission line attenuation and antenna power gain, the proposed maximum visual ERP is calculated to be 5000KW (36.99 dBk) and the maximum aural ERP is calculated to be 500KW (26.99 dBk).

Engineering Statement
Re: Hartford, Connecticut
November 28, 1983
Page 2

Table I is a study of the minimum mileage separation requirements for Channel 18 from the proposed transmitter site. As this Table shows, the proposed operation complies fully with Section 73.610 of the FCC Rules and Regulations regarding all licensed and proposed stations.

Table II shows the terrain and elevation data employed in calculating the distances to the predicted City Grade, Grade A and Grade B contours. These distances were determined by using the UHF TV propagation curves in Section 73.699, Figure 10(b) of the FCC Rules and Regulations, ERP as shown in Table II, for the pertinent directions and the elevation data taken from the records of WHCT-TV on file with the Commission. The average elevation between each 2-10 mile sector was used in determining the effective antenna height.

The population count within the predicted Grade B contour is 3,240,646 persons. The population count was based on the 1980 U.S. Census Data, with Minor Civil Division Maps included. Wherever the contour cut a minor civil division, the population was proportioned according to the estimated area of the division within that contour. The area within the Grade B contour was computed to be 6131 square miles and was determined by means of a calibrated polar planimeter.

Figure 1 is a map showing the proposed transmitter site and the predicted City Grade, Grade A and Grade B coverage contours. Maximum ERP for the pertinent directions was employed, since, in all instances, the relative field at the pertinent depression angle is greater than 90%. The City Grade contour completely encompasses the city boundaries of Hartford, Connecticut.

Figure 2 is a sketch of the proposed tower, showing the location of the proposed transmitting antenna and all relevant elevations.

Figure 3 is a map showing the proposed site and surrounding features.

The construction proposed herein does not constitute a "major action", as defined by Section 1.1305 of the FCC Rules and Regulations, since the height of the existing structure will not be increased.

FCC Form 301 Sections V-C and V-G are also being submitted with this proposal.

LECHMAN, COLLIGAN
& JOHNSON

Kamali Karunaratne

Kamali Karunaratne
Staff Engineer
November 28, 1983

TABLE I

MILEAGE SEPARATION STUDY

SHURBERG BROADCASTING OF HARTFORD, INC.
APPLICATION FOR A
NEW TELEVISION STATION
HARTFORD, CONNECTICUT

Channel 18 5000KW 619 Feet

<u>Designation</u>	<u>Channel</u>	<u>Nearest Allocation or Authorized Station</u>	<u>Separation (miles)</u>	
			<u>Actual</u>	<u>Required</u>
Co-channel	18	WHCT-TV, Hartford, Conn.	0.00	<u>/1</u> 155
	*18	Alloc., Fryeburg, Maine	181.02	175
	*18	Alloc., Atlantic City, New Jersey, Doc. 18261	186.60	155
	18	WETM-TV, Elmira, N.Y.	211.05	155
	*18	WNPI-TV, Norwood, N.Y.	215.27	175
	Adj. Channel	*17	WMHT, Schenectady, N.Y.	86.29
19		WCDC, Adams, Mass.	63.34	55
*19		Alloc., New Brunswick, N.J. Doc. 18261	122.51	55
*19		PRM, New Brunswick, N.J. Doc. 79-269 <u>/2</u>	122.51	55
Intermodulation		14	Alloc., Worcester, Mass.	61.84
	16	Alloc., Providence, R.I. Doc. 18261	71.97	20
	20	WTVR, Waterbury, Conn.	20.17	20
	*21	WLIW, Garden City, N.Y.	75.15	20
	22	WWLP, Springfield, Mass.	22.82	20
	23	WXXA-TV, Albany, N.Y.	85.75	20
	Oscillator	25	WXNE-TV, Boston, Mass.	89.67
*25		WNYE-TV, New York, N.Y.	95.99	60
I.F. Beat	26	WLCT, New London, Conn. BMPCT-821118KE	36.80	20
Sound Image	32	Alloc., Greenfield, Mass.	58.01	<u>/3</u> 60
	32	Applic., BPCT-830603KH Greenfield, Mass.	63.86	60
	32	Applic., BPCT-830603KJ, Greenfield, Mass.	64.08	60
	32	Applic., BPCT-830328KM, Greenfield, Mass.	64.08	60
	32	Applic., BPCT-830328KM, Greenfield, Mass.	64.24	60

TABLE I CONT'D

Picture Image 33

/4

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/1 This proposal specifies the same site as WHCT-TV and therefore is mutually exclusive with that station's renewal.

/2 Deletion of this channel has been proposed.

/3 Existing short-spacing grandfathered.

/4 No proximate stations for consideration.

TABLE II

DISTANCE TO PROPOSED COVERAGE CONTOURS

SHURBERG BROADCASTING OF HARTFORD, INC.
 APPLICATION FOR A
 NEW TELEVISION STATION
 HARTFORD, CONNECTICUT

Channel 18 5000KW 619 Feet

Azimuth ° True	Average Elevation 2-10 mile (ft.AMSL)	Effective Antenna Height (feet)	Effective Radiated Power (dBk)	Distance to Proposed Contours (miles)		
				80 dBu City Grade	74 dBu Gr.A.	64 dBu Gr.B
0	351	555	36.99	29.3	34.8	44.1
45	144	762	36.99	32.1	37.6	47.9
90	66	840	36.99	33.0	38.5	48.9
135	173	733	36.99	31.8	37.2	47.3
180	283	623	36.99	30.3	35.8	45.5
225	262	644	36.99	30.6	36.0	45.9
270	566	340	36.99	25.5	31.0	40.0
315	448	458	36.99	27.8	33.2	42.5

Ground elevation at site A.M.S.L.	660 feet
Average elevation of terrain (2-10 mile) A.M.S.L.	287 feet
Effective antenna height above average terrain	619 feet
Effective antenna height above ground level	246 feet
Effective antenna height A.M.S.L.	906 feet
Overall tower height above ground level	294 feet
Overall tower height A.M.S.L.	954 feet

COORDINATES

North Latitude: 41° 45' 39"

West Longitude: 72° 48' 08"

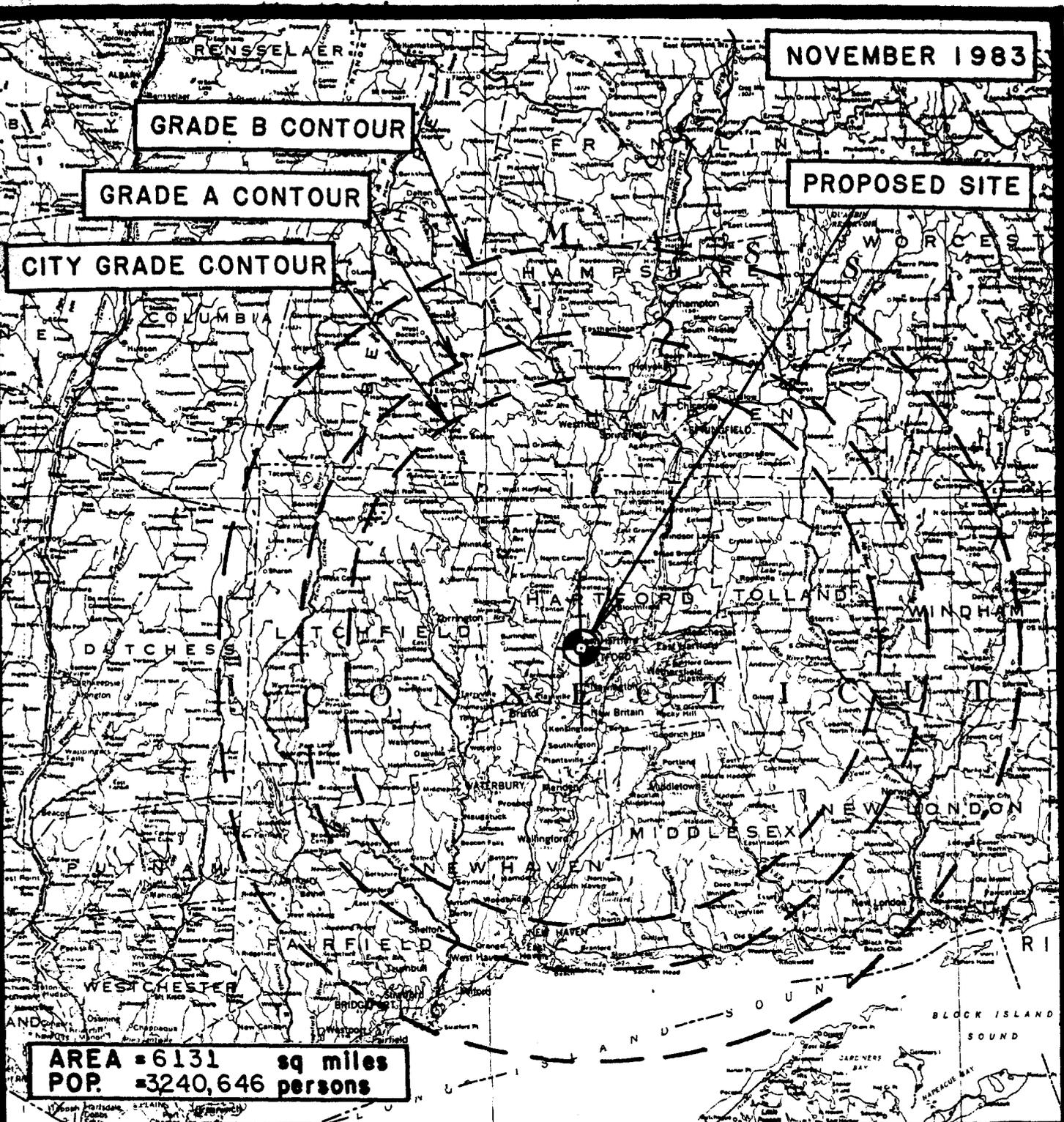
NOVEMBER 1983

GRADE B CONTOUR

GRADE A CONTOUR

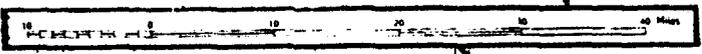
CITY GRADE CONTOUR

PROPOSED SITE



AREA = 6131 sq miles
 POP. = 3240,646 persons

FIGURE-1
PREDICTED COVERAGE CONTOURS
 SHURBERG BROADCASTING
 OF HARTFORD, INC.
 HARTFORD, CONNECTICUT
 CH18 5000W ERP 610' HAAT
 LECHMAN, COLLIGAN & JOHNSON
 TELECOMMUNICATIONS CONSULTANTS



NORTH LATITUDE: 41° 45' 39"

WEST LONGITUDE: 72° 48' 08"

NOVEMBER 1983

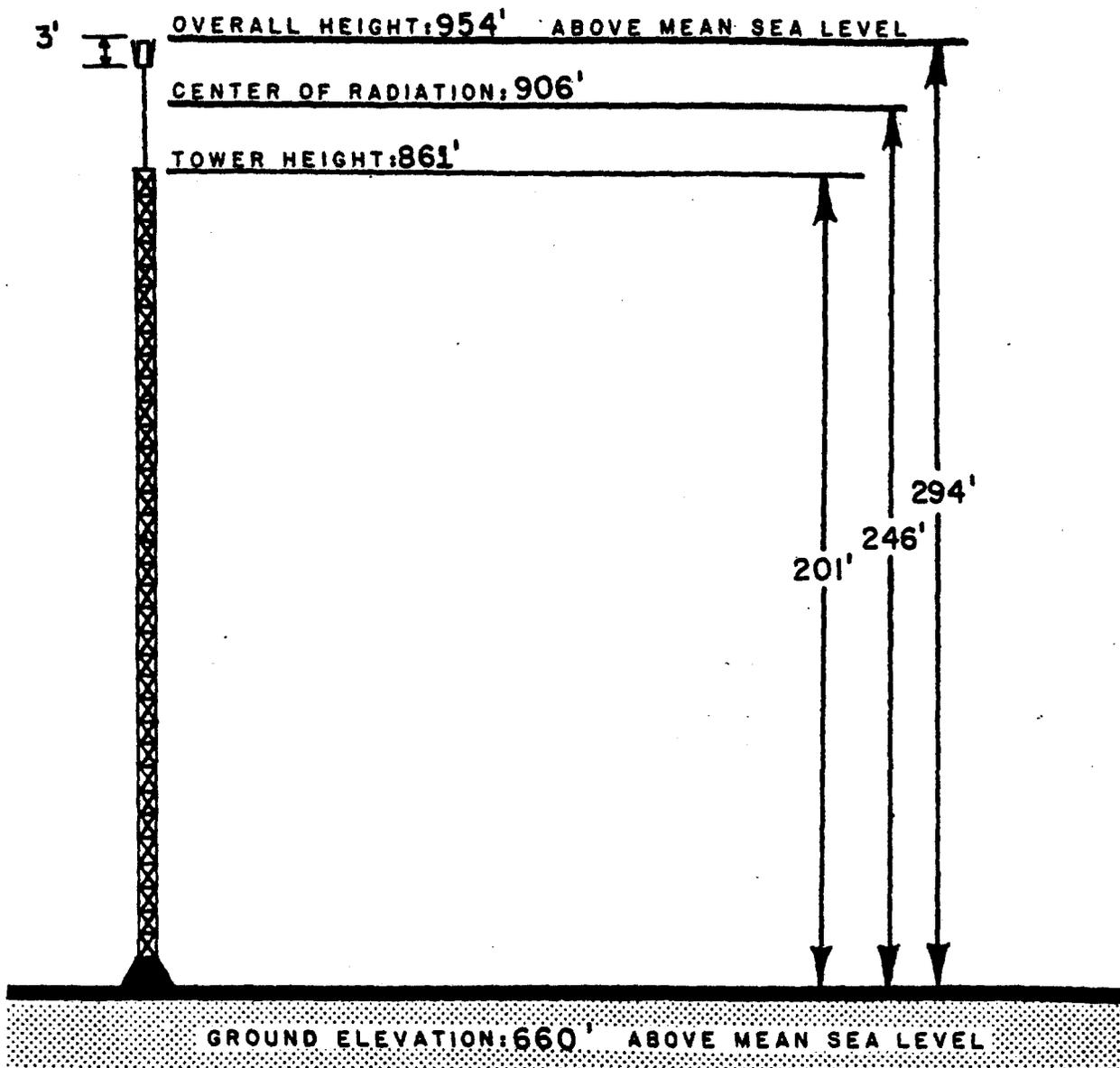


FIGURE-2

SKETCH OF ANTENNA

SHURBERG BROADCASTING
OF HARTFORD, INC.
HARTFORD, CONNECTICUT
CH118 5000KW ERP 619' HAAT

LECHMAN, COLLIGAN & JOHNSON
TELECOMMUNICATIONS CONSULTANTS

NOTE: NOT DRAWN TO SCALE

NOVEMBER 1983

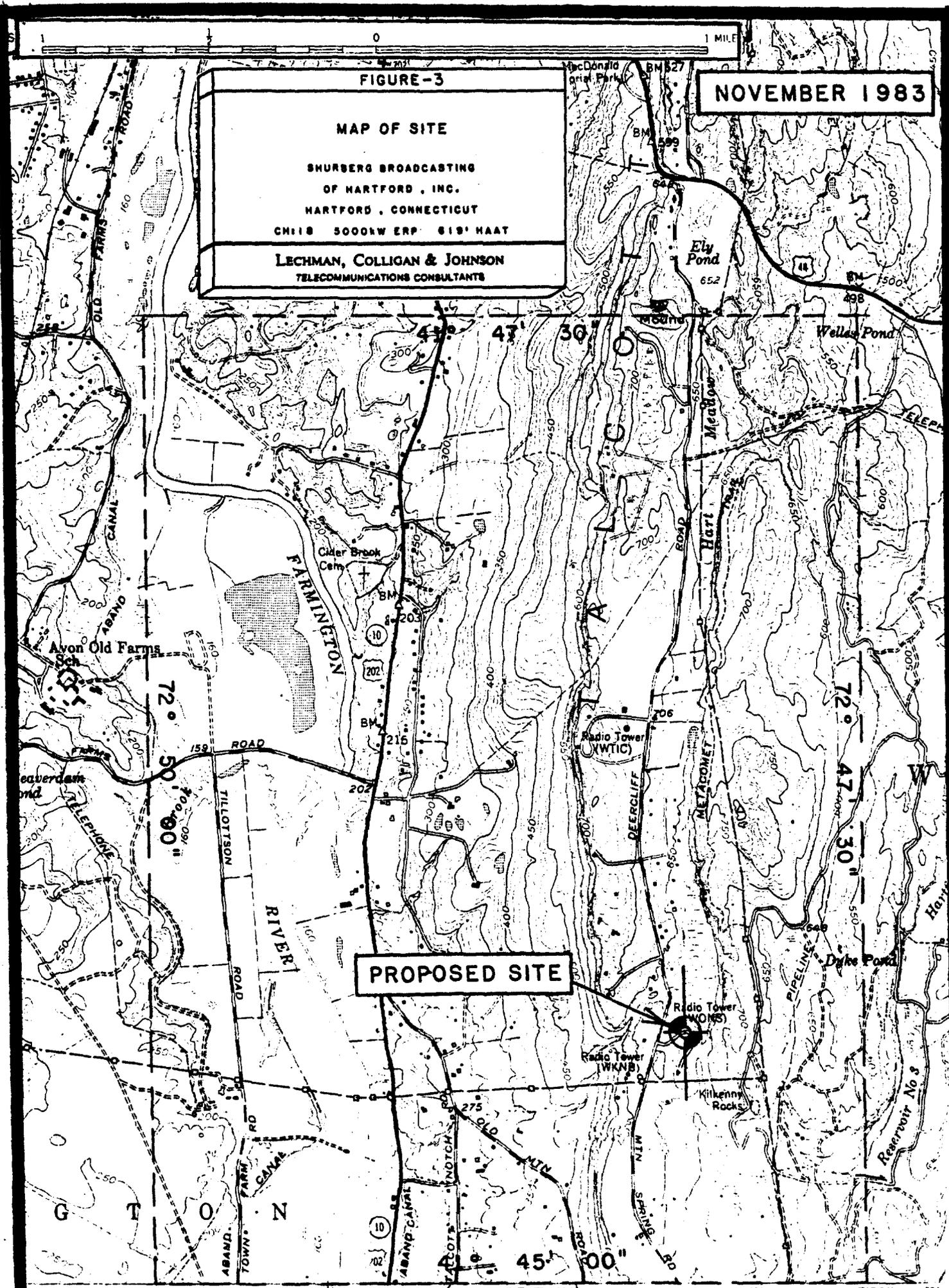
FIGURE-3

MAP OF SITE

SHURBERG BROADCASTING
OF HARTFORD, INC.
HARTFORD, CONNECTICUT
CH 18 5000W ERP 818' HAAT

LECHMAN, COLLIGAN & JOHNSON
TELECOMMUNICATIONS CONSULTANTS

PROPOSED SITE



Section V-G
ANTENNA AND SITE INFORMATION

Name of Applicant Call Sign Station Location
 SHURBERG BROADCASTING OF HARTFORD, INC. NEW HARTFORD, CONNECTICUT

Purpose of Application Facilities Requested
 ___ New antenna construction Ch. 18 (494-500 MHz),
X Alteration of existing antenna structure 5000KW ERP, 619 ft.
 ___ Change in location HAAT

1. Location of Antenna:
 State County City or Town
 Connecticut Hartford Avon

Exact antenna location (street address). If outside city limits, give name of nearest town and distance and direction of antenna from town.
 Deercliff Road - Avon, 3.85 miles Southeast of Avon Village

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

North Latitude: 41° 45' 39" West Longitude: 72° 48' 08"

2. Is the proposed site the same transmitter-antenna site of other stations authorized by the Commission or specified in another application pending before the Commission? X Yes ___ No

If Yes, give call sign: WHCT-TV

3. Has the FAA been notified of proposed construction? ___ Yes X No
 If Yes, give date and office where notice was filed.

4. List all landing areas within 5 miles of antenna site. Give distance and direction to the nearest boundary of each landing area from the antenna site.

	Landing Area	Distance	Direction
(a)	None within 5 miles	_____	_____
(b)	_____	_____	_____
(c)	_____	_____	_____

5. Attach as Exhibit No. ___ a description of the antenna system, including whether tower(s) are self-supporting or guyed. If a directional antenna, give pacing and orientation of towers.

Tower	#1	#2	#3	#4	#5	#6
Overall hgt.						
AGL (inc. obstruction lighting)	294'					
Overall height AMSL (inc. obstruction lighting)	954'					

6. Attach as Exhibit No. ___ a vertical plan sketch for the proposed total structure (including supporting building, if any) giving heights above ground in feet for all significant features. Clearly indicate existing portions, noting lighting, and distinguish between the skeletal or other main supporting structure and the antenna elements.

SEE FIGURE 1

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.

Kamali Karunaratne

Name

(202) 775-0057

Telephone No.

Kamali Karunaratne
Signature

November 28, 1983

Date

Technical Consultant

NORTH LATITUDE: 41° 45' 39"
WEST LONGITUDE: 72° 48' 08"

NOVEMBER 1983

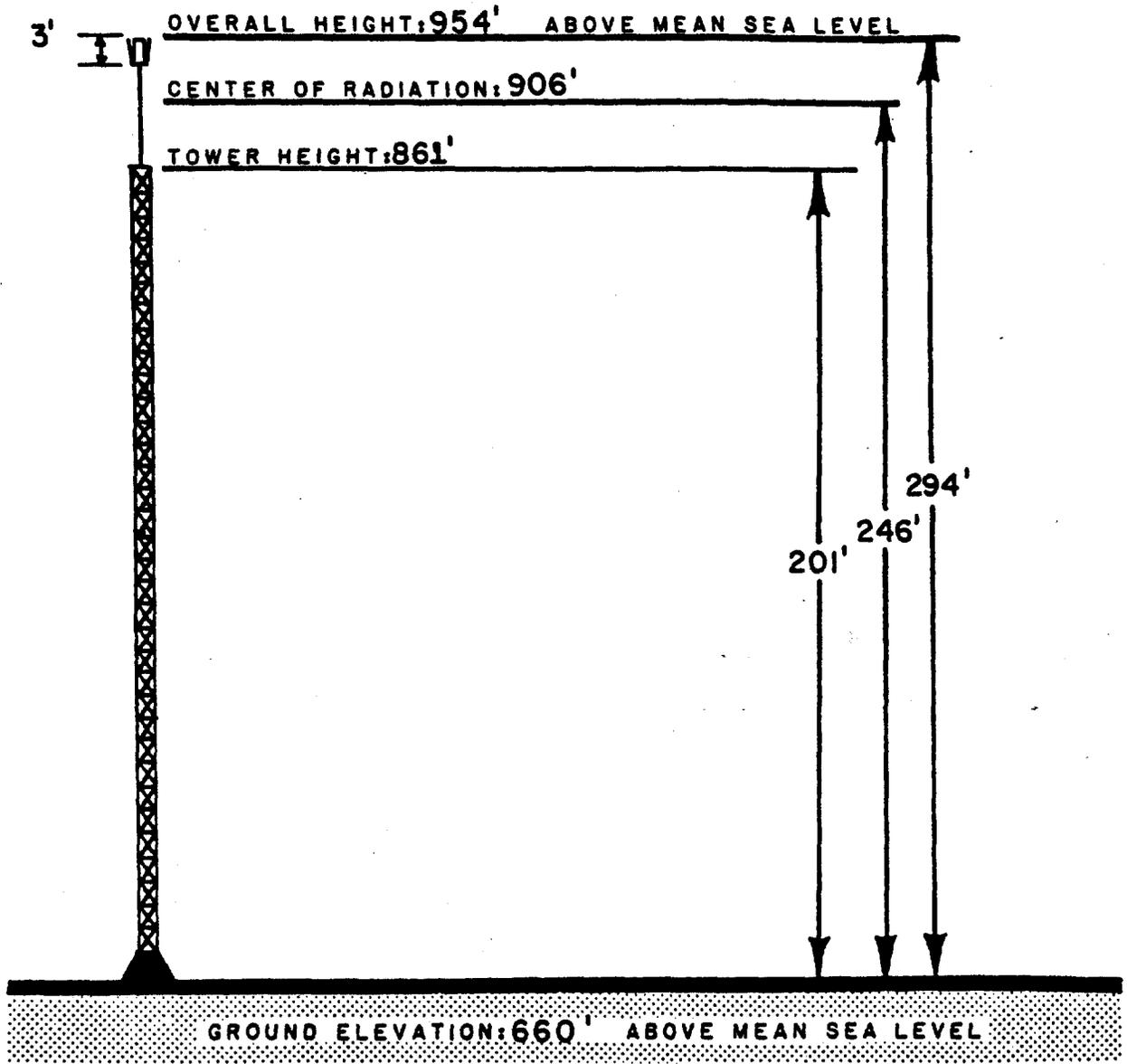


FIGURE-2

SKETCH OF ANTENNA

SHURBERG BROADCASTING
OF HARTFORD, INC.
HARTFORD, CONNECTICUT
CH18 500KW ERP 619' HAAT

LECHMAN, COLLIGAN & JOHNSON
TELECOMMUNICATIONS CONSULTANTS

NOTE: NOT DRAWN TO SCALE

Section VI

Equal Employment Opportunity Program

1. Does the applicant propose to employ five or more fulltime employees?

YES NO

If the answer is Yes, the applicant must include an EEO program called for in the separate 5 Point Model EEO Program (FCC396A).

Section VII

Certification

1. Has or will the applicant comply with the public notice requirement of Section 73.3580 of the Commission's Rules?

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 Section 1.65 of the Commission's Rules, 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, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Signed and dated this 1st day of December, 1983.

Shurberg Broadcasting of Hartford, Inc.

Name of Applicant

Alan Shurberg

Signature

President

Title

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, accountants, engineers, and application examiners, will use the information to determine whether the application should be granted, denied, dismissed, or designated for hearing. If all the information requested 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.

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.

FEDERAL COMMUNICATIONS COMMISSION

EQUAL EMPLOYMENT OPPORTUNITY PROGRAM

Approved by OMB
3060 - 0113
Expires 12/31/83

CALL LETTERS Not Applicable

Applicant:
NAME OF LICENSEE Shurberg Broadcasting of Hartford, Inc.

CITY AND STATE WHICH STATION IS LICENSED TO SERVE: Hartford, Connecticut

SEND NOTICES AND COMMUNICATIONS TO THE FOLLOWING NAMED PERSON AT THE ADDRESS INDICATED BELOW:

NAME Alan Shurberg STREET ADDRESS 100 Cold Spring Road

CITY Rocky Hill STATE Connecticut ZIP CODE 06067

TELEPHONE NO. () _____

INSTRUCTIONS

Broadcast station licensees are required to afford equal employment opportunity to all qualified persons and to refrain from discriminating in employment and related benefits on the basis of race, color, religion, national origin or sex. See Section 73.2080 of the Commission's Rules. Pursuant to these requirements, a license renewal applicant who employs five or more full-time station employees must file a program designed to assure equal employment opportunity for women and minority groups (that is, Blacks not of Hispanic origin, Asians or Pacific Islanders, American Indians or Alaskan Natives, and Hispanics). If minority group representation in the available labor force is less than five percent (in the aggregate), a program for minority group members need not be filed. However, a program must be filed for women since they comprise a significant percentage of virtually all area labor forces. If an applicant employs less than five full-time employees, no EEO program for women or minorities need be filed.

NOTE: Check appropriate box, sign the certification below, and return to the FCC:

- Station employs less than 5 full-time employees; therefore no written program is being submitted.
- Station ~~employs~~ ^{will employ} 5 or more full-time employees. Our ~~10-point~~ ^{5-point} program is attached.

CERTIFICATION

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

Signed and dated this 1st day of December, 19 83

Signature: *Alan Shurberg*

Title: President