



“A GREAT PLACE TO LIVE”

**AGENDA
ZONING BOARD OF ADJUSTMENT
TUESDAY APRIL 12, 2016
CITY HALL-COUNCIL CHAMBER, 7105 WHITLEY ROAD
REGULAR MEETING
6:00 P.M.**

CALL TO ORDER

APPROVAL OF MINUTES

1. Regular Meeting Minutes of October 13, 2015

PUBLIC HEARING

1. ZBA Case No. 16-01: Request for a Special Exception to Watauga City Code of Ordinances, Chapter 115 Zoning, Article V, Developmental Controls, Section 115-116, Antenna Facilities, Section C, Subsection (7) Setbacks, (a), stating that no antennas be erected in front or side yard. The applicant is seeking a special exception to place a 45 foot amateur radio antenna within the side yard behind the front building line. The property is 6620 Richardson Drive, and is known as Lot 8 Block 13 in the Watauga Heights Addition. It is located south of Oaklawn Drive and east of McCoy Drive. The property owner and applicant is Mr. Lowell Martin.

NEW BUSINESS

1. Consideration and action on Zoning Board of Adjustment Case No. 16-01: Request for a Special Exception to Watauga City Code of Ordinances, Chapter 115 Zoning, Article V, Developmental Controls, Section 115-116, Antenna Facilities, Section C, Subsection (7) Setbacks, (a), stating that no antennas be erected in front or side yard. The applicant is seeking a special exception to place a 45 foot amateur radio antenna within the side yard behind the front building line. The property is 6620 Richardson Drive, and is known as Lot 8 Block 13 in the Watauga Heights Addition. It is located south of Oaklawn Drive and east of McCoy Drive. The property owner and applicant is Mr. Lowell Martin.

ADJOURNMENT

NOTICE

THIS FACILITY IS WHEELCHAIR ACCESSIBLE AND ACCESSIBLE PARKING SPACES ARE AVAILABLE. REQUESTS FOR ACCOMMODATIONS OR INTERPRETIVE SERVICES MUST BE MADE 48 HOURS PRIOR TO THIS MEETING. PLEASE CONTACT THE CITY SECRETARY'S OFFICE AT (817) 514-5825 OR FAX (817) 281-1991 FOR FURTHER INFORMATION.

I, Zolaina R. Parker, City Secretary for the City of Watauga, Texas, hereby certify that this agenda was posted on the official bulletin boards at City Hall, 7105 Whitley Road, Watauga, Texas, on Thursday, March 31, 2016 before 6:00 p.m., in accordance with Chapter 551 of the Texas Government Code.


Zolaina R. Parker, City Secretary





**MINUTES
ZONING BOARD OF ADJUSTMENT
TUESDAY OCTOBER 13, 2015
CITY HALL-COUNCIL CHAMBER, 7105 WHITLEY ROAD
REGULAR MEETING
5:45 P.M.**

MEMBERS PRESENT:

Pete Beierschmitt	Chairperson
Roma Bowman	Secretary
Karen Isbell	Member
Bob Daniel	Member
Rick DeVoss	Alternate Place 2

And

Jackie Reyff, AICP	Planning and Development Manager
Patricia Rodriguez	Planning and Development Specialist
Denise Wilkinson	Economic Development Coordinator

With

Member James Kite absent with notice.

CALL TO ORDER:

Chairperson Beierschmitt called the meeting to order at 5:45 p.m.

APPROVAL OF MINUTES:

1. Regular Meeting Minutes of June 2, 2015

Member Bob Daniel made a motion to approve the minutes of June 2, 2015 as presented. Secretary Roma Bowman seconded the motion with all members present voting aye.

AYES: Bowman, Beierschmitt, Isbell, Daniel

NAYS: None

NEW BUSINESS:

1. Discussion and action on selection of Officers

a) Chairperson

Secretary Roma Bowman made a motion to appoint Pete Beierschmitt as Chairperson. Alternate Rick DeVoss seconded the motion with all members present voting aye.

b) Vice-Chairperson

Member Karen Isbell made a motion to appoint Bob Daniel as Vice-Chairperson. Secretary Roma Bowman seconded the motion with all members present voting aye.

c) Secretary

Member Bob Daniel made a motion to appoint Roma Bowman as Secretary. Member Karen Isbell seconded with all members present voting aye.

ADJOURNMENT:

With no further business to discuss, Chairperson Pete Beierschmitt adjourned the meeting.

The meeting adjourned at 5:47 p.m.

APPROVED: this the _____ day of _____, 2016

SIGNED: this the _____ day of _____, 2016

APPROVED: _____
Chairperson

ATTEST: _____
Secretary



NOTICE OF PUBLIC HEARING

Notice is hereby given that a Public Hearing will be held in the City of Watauga Council Chamber located at 7105 Whitley Road, on Tuesday, April 12, 2016 at 6:15 p.m. for the purpose of hearing the following Zoning Board of Adjustment Case:

ZBA Case No. 16-01: Request for a Special Exception to Watauga City Code of Ordinances, Chapter 115 Zoning, Article V, Developmental Controls, Section 115-116, Antenna Facilities, Section C, Subsection (7) Setbacks, (a), stating that no antennas be erected in front or side yard. The applicant is seeking a special exception to place a 45 foot amateur radio antenna within the side yard behind the front building line. The property is 6620 Richardson Drive, and is known as Lot 8 Block 13 in the Watauga Heights Addition. It is located south of Oaklawn Drive and east of McCoy Drive. The property owner and applicant is Mr. Lowell Martin.

Published on Friday, April 1, 2016, in the Fort Worth Star Telegram, Legal Notices Section.

I, Zolaina R. Parker, City Secretary for the City of Watauga, Texas, hereby certify that this notice was posted on the official bulletin board at City Hall, 7105 Whitley Road, Watauga, Texas, on Thursday, March 31, 2016 before 6:30 p.m., in accordance with Chapter 551 of the Texas Government Code.


Zolaina R. Parker, City Secretary





Zoning Board of Adjustment Application (PLEASE PRINT)

CASE NO. 16-00560 ZBA FEE: 150.00

DATE PAID: 3-18-16 RECEIPT #: 16 00393

I, THE UNDERSIGNED APPLICANT, HEREBY MAKE APPLICATION FOR A VARIANCE OR SPECIAL EXCEPTION FROM THE ZONING ORDINANCE OF THE FOLLOWING DESCRIBED REAL PROPERTY LOCATED IN THE CITY OF WATAUGA, TEXAS:

LOT: 8 BLOCK: 13 IN THE: Watauga Heights East ADDITION

I AM THE X OWNER LESSEE OTHER OF SAID PROPERTY. (IF NOT THE OWNER PLEASE PROVIDE OWNER'S AUTHORIZATION)

NAME OF APPLICANT: Lowell Martin

APPLICANT ADDRESS: 6620 Richardson Drive Watauga, TX 76148

PHONE: 817-781-1028 E-MAIL ADDRESS: LT-MARTIN@ATT.NET

LIST PERTINENT SECTION (S) OF ZONING ORDINANCE AND INDICATE THE SPECIFIC VARIANCE OR SPECIAL EXCEPTION AMOUNTS BEING REQUESTED. (ATTACH A SEPARATE SHEET IF NECESSARY)

Section 115-116, Section C, Subsection (7) Setbacks, part a. I'm requesting permission to install an antenna tower on the side of my house for my amateur radio antenna.

STATE GROUNDS FOR THE REQUEST AND DETAIL ANY SPECIAL CONDITIONS WHICH CAUSE HARDSHIPS THAT IN YOUR OPINION JUSTIFY THE VARIANCE OR SPECIAL EXCEPTION (S) YOU ARE REQUESTING.

My back yard is very small and has overhead power lines running along both fences. There is no safe way for me to install the tower in my back yard to avoid the overhead power lines. Not being able to install the tower would hinder me from being able to use my amateur radio equipment.

(ATTACH A DETAILED DIAGRAM OF SITE DRAWN TO SCALE AND ANY OTHER DRAWINGS OR PICTURES NECESSARY TO HELP EXPLAIN THE CASE.)

*I have read the completed application and know the same is true and correct and hereby agree that if a permit is issued all provisions of the City Ordinances and State Laws will be complied with whether herein specified or not. I agree to comply with all property restrictions. I am the owner of the property or the duly authorized agent.

*Submittal of false information or omission as required by this application may result in any permit, license, or approval being revoked.

*Signatures certify that all information provided is true and correct

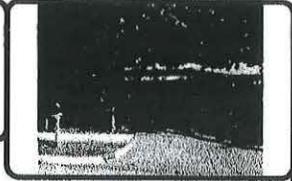
SIGNATURE: Lowell Martin

OFFICE USE ONLY: THIS APPEAL HAS BEEN APPROVED DISAPPROVED BY THE ZONING BOARD OF ADJUSTMENT ON THIS DAY OF, 20 CHAIRMAN, ZONING BOARD OF ADJUSTMENT



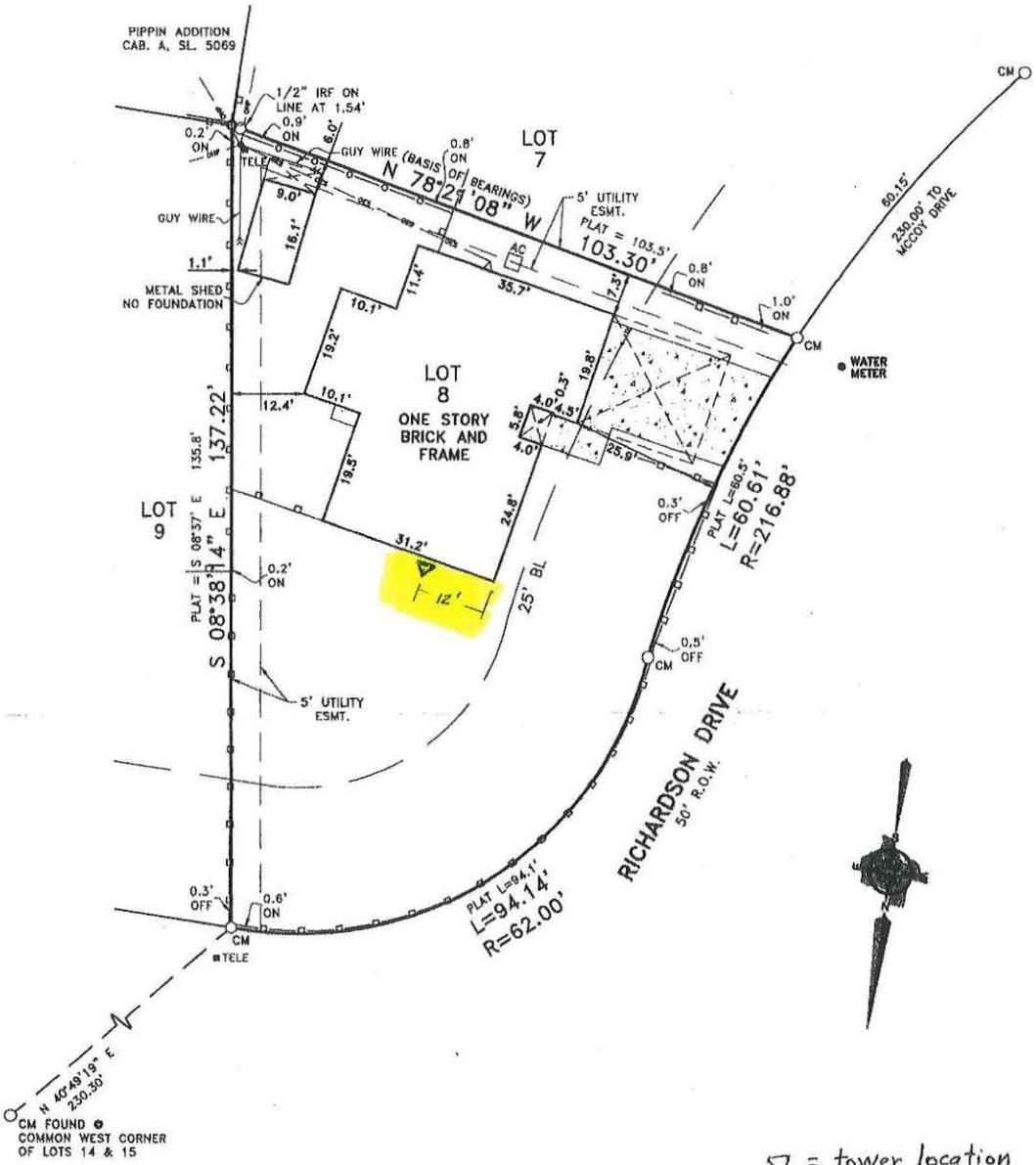
6620 Richardson Drive

Being Lot 8, in Block 13, of Watauga Heights East Addition, an Addition to the City of Watauga, Tarrant County, Texas, according to the plat thereof recorded in Volume 388-69, Page 33, Plat Records, Tarrant County, Texas.



LEGEND

- 1/2" ROD FOUND
- ⊙ 1/2" ROD SET
- 5/8" ROD FOUND
- ⊙ "X" FOUND/SET
- ◆ POINT FOR CORNER
- FENCE POST FOR CORNER
- CM CONTROLLING MONUMENT
- AC AIR CONDITIONER
- PE POOL EQUIPMENT
- TE TRANSFORMER PAD
- BRICK COLUMN
- POWER POLE
- ▲ UNDERGROUND ELECTRIC
- △ OVERHEAD ELECTRIC
- OHP— OVERHEAD ELECTRIC POWER
- OES— OVERHEAD ELECTRIC SERVICE
- CHAIN LINK
- WOOD FENCE 0.8' WIDE TYPICAL
- WOOD RAIL FENCE
- X— BARBED WIRE
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- CONCRETE
- COVERED AREA



EXCEPTIONS:

NOTE: PROPERTY SUBJECT TO TERMS, CONDITIONS, AND EASEMENTS CONTAINED IN INSTRUMENT RECORDED IN VOL. 388-69, PG. 33

NOTES:

NOTE: BEARINGS, EASEMENTS AND BUILDING LINES ARE BY RECORDED PLAT UNLESS OTHERWISE NOTED.

FLOOD NOTE: According to the F.I.R.M. No. 48438C0205 K, this property does lie in Zone X and does not lie within the 100 year flood zone.

This survey is made in conjunction with the information provided by Freedom Title Company. Use of this survey by any other parties and/or for other purposes shall be at user's own risk and any loss resulting from other use shall not be the responsibility of the undersigned. This is to certify that I have on this date made a careful and accurate survey on the ground of the subject property. The plat hereon is a correct and accurate representation of the property lines and dimensions as indicated; location and type of buildings are as shown; and EXCEPT AS SHOWN, there are no visible and apparent encroachments or protrusions on the ground.

Date: _____

Accepted by: _____

Purchaser _____

Purchaser _____

Drawn By: JAN

Scale: 1" = 20'

Date: 11/13/14

GF No.: 14026571SL

Job No. 1413103

C.B.G. Surveying, Inc.

12025 Shiloh Road, Ste. 23

Dallas, TX 75228

P 214.349.9485

F 214.349.2216

Firm No. 10168800

www.cbqdfw.com



ZBA CASE 16-01

Zoning Board of Adjustment Case 16-01: Request for a Special Exception to Watauga City Code of Ordinances, Chapter 115 Zoning, Article V, Developmental Controls, Section 115-116, Antenna Facilities. Section C, Subsection (7) Setbacks, (a), stating that no antennas be erected in front or side yard. The applicant is seeking a special exception to place a 45 foot amateur radio antenna within the side yard behind the front building line. The property is 6620 Richardson Drive, and is known as Lot 8 Block 13 in the Watauga Heights Addition. It is located south of Oaklawn Drive and east of McCoy Drive. The property owner and applicant is Mr. Lowell Martin.

City records indicate that the names listed below are the owners of property within 200' (two hundred) feet of the above request. As prescribed by Chapter 115, Article II, Section 115-34 (c), (5) property owners have been notified and invited to appear or write and give their input regarding the above zoning board of adjustment case. Please return written comments to Watauga Planning and Development Department, 7105 Whitley Road Watauga, Texas 76148.

Date requested for response is no later than April 6, 2016.

<u>NAME</u>	<u>ADDRESS</u>	<u>RESPONSE</u>
Warren Trust, The Property Owner of: Watauga Heights East Addition	3700 Briarhaven Lane Colleyville, TX 76034-8677 6608 Oaklawn Drive Block 3 Lot 13	_____
Resident/Lessee	6608 Oaklawn Drive	_____
J S Family Trust Attn: William Mark-Steven, Trustee Property Owner of: Watauga Heights East Addition	PO Box 5505 Orange, CA 92863-5505 6612 Oaklawn Drive Block 3 Lot 12	<u>Do Not Object</u>
Resident/Lessee	6612 Oaklawn Drive	_____
Irwin Alexis Watauga Heights East Addition	6616 Oaklawn Drive Block 3 Lot 11	_____
Walter E. Horton Property Owner of: Watauga Heights East Addition	4904 Tamra Court N. Richland Hills, TX 76180 6620 Oaklawn Drive Block 3 Lot 10	_____
Resident/Lessee	6620 Oaklawn Drive	_____

<u>NAME</u>	<u>ADDRESS</u>	<u>RESPONSE</u>
Helen Grizzle Watauga Heights East Addition	6624 Oaklawn Drive Block 3 Lot 9	_____
Ruben and Marisol Calvillo Watauga Heights East Addition	6628 Oaklawn Drive Block 3 Lot 8	_____
Russom James Est Watauga Heights East Addition	6732 McCoy Drive Block 3 Lot 17	<u>Do Not Object</u>
Cynthia and Richard Cortez Watauga Heights East Addition	6728 McCoy Drive Block 3 Lot 1	_____
Felix and Alicia Avila Watauga Heights East Addition	6605 Richardson Drive Block 3 Lot 2R	<u>Do Object</u>
Terese Heifner Watauga Heights East Addition	6613 Richardson Drive Block 3 Lot 3R	<u>Do Object</u>
Vickie McDonald Property Owner of: Watauga Heights East Addition	1249 Grand Central Pkwy Saginaw, TX 76131-5222 6617 Richardson Drive Block 3 Lot 4R	_____
Resident/Lessee	6617 Richardson Drive	_____
Hope D. Fleming Watauga Heights East Addition	6621 Richardson Drive Block 3 Lot 5R	<u>Do Object</u>
Kathleen D. Cansler Family Trust Property Owner of: Watauga Heights East Addition	PO Box 3013 Del Mar, CA 92014-6013 6625 Richardson Drive Block 3 Lot 6	_____
Resident/Lessee	6625 Richardson Drive	_____
6629 Richardson Drive Property Owner of: Watauga Heights East Addition	3725 Cromwell Court Plano, TX 75075 6629 Richardson Drive Block 3 Lot 7	_____
Resident/Lessee	6629 Richardson Drive	_____
Clair Robert Edward ETAL Watauga Heights East Addition	6716 McCoy Drive Block 13 Lot 5	_____
Carolyn S. Barker Watauga Heights East Addition	6604 Richardson Drive Block 13 Lot 6	_____

NAME	ADDRESS	RESPONSE
Walter E. Horton Property Owner of: Watauga Heights East Addition	4904 Tamra Court N. Richland Hills, TX 76180 6608 Richardson Drive Block 13 Lot 7	_____
Resident/Lessee	6608 Richardson Drive	_____
Ian Harris Watauga Heights East Addition	6628 Richardson Drive Block 13 Lot 9	<u>Do Object</u>
Warren Trust, The Property Owner of: Watauga Heights East Addition	3700 Briarhaven Lane Colleyville, TX 76034-8677 6632 Richardson Drive Block 13 Lot 10	_____
Resident/Lessee	6632 Richardson Drive	_____
Douglas R. Taylor Watauga Heights East Addition	6636 Richardson Drive Block 13 Lot 11	_____
Rufe Snow Depot LP Attn: James M. & Susan Pippin Property Owner of: Pippin Addition	800 Elaine Street Keller, TX 76248-2611 6707 Rufe Snow Drive Block 1 Lot 1A	_____

29 Notices were mailed out:

2 Do Not Object 4 Do Object 23 Did Not Reply.

NOTICE OF PUBLIC HEARING

A Public Hearing will be held in the City of Watauga Municipal Complex Council Chambers located at 7105 Whitley Road, on Tuesday, April 12, 2016 at 6:00 p.m. for the purpose of hearing the following Case:

Zoning Board of Adjustment Case 16-01: Request for a Special Exception to Watauga City Code of Ordinances, Chapter 115 Zoning, Article V, Developmental Controls, Section 115-116, Antenna Facilities. Section C, Subsection (7) Setbacks, (a), stating that no antennas be erected in front or side yard. The applicant is seeking a special exception to place a 45 foot amateur radio antenna within the side yard behind the front building line. The property is 6620 Richardson Drive, and is known as Lot 8 Block 13 in the Watauga Heights Addition. It is located south of Oaklawn Drive and east of McCoy Drive. The property owner and applicant is Mr. Lowell Martin.

City records indicate that you are the owner of property within 200' (two hundred) feet of the above request. As prescribed by the Chapter 115, Article, II, Section 115-34, (c), (5) you are hereby notified and invited to appear or write and give your input regarding the above zoning board of adjustment case. Please return written comments to City of Watauga Planning and Development Department, 7105 Whitley Road Watauga, Texas 76148.

This letter and your related comments must be received in City Hall by April 6, 2016.

DO OBJECT TO THE ABOVE REQUEST.

DO NOT OBJECT TO THE ABOVE REQUEST. *if erected in rear of Lot 8.*

COMMENTS: The residential character of the neighborhood
would be negatively impacted less if the antenna is
erected at the rear of Lot 8, adjacent to the commercial zone.

William Stevens, Trustee
NAME
6612 Oaklawn Dr.
ADDRESS
Watauga, TX 76148
CITY, STATE & ZIP CODE

Your Property Located at:
6612 Oaklawn Drive
Block 3, Lot 12
Watauga Heights East Addition
Watauga, Texas

APR 07 2016

NOTICE OF PUBLIC HEARING

A Public Hearing will be held in the City of Watauga Municipal Complex Council Chambers located at 7105 Whitley Road, on Tuesday, April 12, 2016 at 6:00 p.m. for the purpose of hearing the following Case:

Zoning Board of Adjustment Case 16-01: Request for a Special Exception to Watauga City Code of Ordinances, Chapter 115 Zoning, Article V, Developmental Controls, Section 115-116, Antenna Facilities. Section C, Subsection (7) Setbacks, (a), stating that no antennas be erected in front or side yard. The applicant is seeking a special exception to place a 45 foot amateur radio antenna within the side yard behind the front building line. The property is 6620 Richardson Drive, and is known as Lot 8 Block 13 in the Watauga Heights Addition. It is located south of Oaklawn Drive and east of McCoy Drive. The property owner and applicant is Mr. Lowell Martin.

City records indicate that you are the owner of property within 200' (two hundred) feet of the above request. As prescribed by the Chapter 115, Article, II, Section 115-34, (c), (5) you are hereby notified and invited to appear or write and give your input regarding the above zoning board of adjustment case. Please return written comments to City of Watauga Planning and Development Department, 7105 Whitley Road Watauga, Texas 76148.

This letter and your related comments must be received in City Hall by April 6, 2016.

DO OBJECT TO THE ABOVE REQUEST.

DO NOT OBJECT TO THE ABOVE REQUEST.

COMMENTS: I do not object to an amateur
radio being operated near my home. They can
be very useful in cases of emergency.

J. Rossom
NAME
6732 McCoy Dr
ADDRESS
Watauga, Texas 76148
CITY, STATE & ZIP CODE

APR 04 2016

NOTICE OF PUBLIC HEARING

A Public Hearing will be held in the City of Watauga Municipal Complex Council Chambers located at 7105 Whitley Road, on Tuesday, April 12, 2016 at 6:00 p.m. for the purpose of hearing the following Case:

Zoning Board of Adjustment Case 16-01: Request for a Special Exception to Watauga City Code of Ordinances, Chapter 115 Zoning, Article V, Developmental Controls, Section 115-116, Antenna Facilities. Section C, Subsection (7) Setbacks, (a), stating that no antennas be erected in front or side yard. The applicant is seeking a special exception to place a 45 foot amateur radio antenna within the side yard behind the front building line. The property is 6620 Richardson Drive, and is known as Lot 8 Block 13 in the Watauga Heights Addition. It is located south of Oaklawn Drive and east of McCoy Drive. The property owner and applicant is Mr. Lowell Martin.

City records indicate that you are the owner of property within 200' (two hundred) feet of the above request. As prescribed by the Chapter 115, Article, II, Section 115-34, (c), (5) you are hereby notified and invited to appear or write and give your input regarding the above zoning board of adjustment case. Please return written comments to City of Watauga Planning and Development Department, 7105 Whitley Road Watauga, Texas 76148.

This letter and your related comments must be received in City Hall by April 6, 2016.

DO OBJECT TO THE ABOVE REQUEST.

DO NOT OBJECT TO THE ABOVE REQUEST.

COMMENTS: Afraid of Bring the value of the houses
down. Attract Electricity when lightning or storms.

Felix Avila & Alicia Avila
NAME

6605 Richardson Dr.
ADDRESS

Watauga TX 76148
CITY, STATE & ZIP CODE

APR 04 2016

NOTICE OF PUBLIC HEARING

A Public Hearing will be held in the City of Watauga Municipal Complex Council Chambers located at 7105 Whitley Road, on Tuesday, April 12, 2016 at 6:00 p.m. for the purpose of hearing the following Case:

Zoning Board of Adjustment Case 16-01: Request for a Special Exception to Watauga City Code of Ordinances, Chapter 115 Zoning, Article V, Developmental Controls, Section 115-116, Antenna Facilities. Section C, Subsection (7) Setbacks, (a), stating that no antennas be erected in front or side yard. The applicant is seeking a special exception to place a 45 foot amateur radio antenna within the side yard behind the front building line. The property is 6620 Richardson Drive, and is known as Lot 8 Block 13 in the Watauga Heights Addition. It is located south of Oaklawn Drive and east of McCoy Drive. The property owner and applicant is Mr. Lowell Martin.

City records indicate that you are the owner of property within 200' (two hundred) feet of the above request. As prescribed by the Chapter 115, Article, II, Section 115-34, (c), (5) you are hereby notified and invited to appear or write and give your input regarding the above zoning board of adjustment case. Please return written comments to City of Watauga Planning and Development Department, 7105 Whitley Road Watauga, Texas 76148.

This letter and your related comments must be received in City Hall by April 6, 2016.

DO OBJECT TO THE ABOVE REQUEST.

DO NOT OBJECT TO THE ABOVE REQUEST.

COMMENTS: I do not want a 45 foot
tower across the street from my house
I have serious concerns about property value
and asthetics

Teresa Heifner

NAME
6613 Richardson

ADDRESS
Watauga, Tx 76148

CITY, STATE & ZIP CODE

APR 06 2016

NOTICE OF PUBLIC HEARING

A Public Hearing will be held in the City of Watauga Municipal Complex Council Chambers located at 7105 Whitley Road, on Tuesday, April 12, 2016 at 6:00 p.m. for the purpose of hearing the following Case:

Zoning Board of Adjustment Case 16-01: Request for a Special Exception to Watauga City Code of Ordinances, Chapter 115 Zoning, Article V, Developmental Controls, Section 115-116, Antenna Facilities. Section C, Subsection (7) Setbacks, (a), stating that no antennas be erected in front or side yard. The applicant is seeking a special exception to place a 45 foot amateur radio antenna within the side yard behind the front building line. The property is 6620 Richardson Drive, and is known as Lot 8 Block 13 in the Watauga Heights Addition. It is located south of Oaklawn Drive and east of McCoy Drive. The property owner and applicant is Mr. Lowell Martin.

City records indicate that you are the owner of property within 200' (two hundred) feet of the above request. As prescribed by the Chapter 115, Article, II, Section 115-34, (c), (5) you are hereby notified and invited to appear or write and give your input regarding the above zoning board of adjustment case. Please return written comments to City of Watauga Planning and Development Department, 7105 Whitley Road Watauga, Texas 76148.

This letter and your related comments must be received in City Hall by April 6, 2016.

DO OBJECT TO THE ABOVE REQUEST.

DO NOT OBJECT TO THE ABOVE REQUEST.

COMMENTS: _____

Hopie Fleming
NAME
6621 Richardson Dr
ADDRESS
Watauga, TX 76148
CITY, STATE & ZIP CODE

RECEIVED
APR 06 2016

NOTICE OF PUBLIC HEARING

A Public Hearing will be held in the City of Watauga Municipal Complex Council Chambers located at 7105 Whitley Road, on Tuesday, April 12, 2016 at 6:00 p.m. for the purpose of hearing the following Case:

Zoning Board of Adjustment Case 16-01: Request for a Special Exception to Watauga City Code of Ordinances, Chapter 115 Zoning, Article V, Developmental Controls, Section 115-116, Antenna Facilities, Section C, Subsection (7) Setbacks, (a), stating that no antennas be erected in front or side yard. The applicant is seeking a special exception to place a 45 foot amateur radio antenna within the side yard behind the front building line. The property is 6620 Richardson Drive, and is known as Lot 8 Block 13 in the Watauga Heights Addition. It is located south of Oaklawn Drive and east of McCoy Drive. The property owner and applicant is Mr. Lowell Martin.

City records indicate that you are the owner of property within 200' (two hundred) feet of the above request. As prescribed by the Chapter 115, Article, II, Section 115-34, (c), (5) you are hereby notified and invited to appear or write and give your input regarding the above zoning board of adjustment case. Please return written comments to City of Watauga Planning and Development Department, 7105 Whitley Road Watauga, Texas 76148.

This letter and your related comments must be received in City Hall by April 6, 2016.

DO OBJECT TO THE ABOVE REQUEST.

DO NOT OBJECT TO THE ABOVE REQUEST.

COMMENTS: Please see attached letters.

Thank you.

Ian Harris & Danielle Rollins

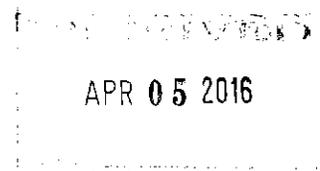
NAME

6628 Richardson Dr.

ADDRESS

Watauga, TX 76148

CITY, STATE & ZIP CODE



Danielle Rollins and Ian Harris
6628 Richardson Dr.
Watauga, TX 76148
April 5, 2016

Planning and Zoning Board Members
C/o Patricia Rodriguez, Planning Specialist
Zoning Board of Adjustment
7105 Whitley Road
Watauga, TX 76148

Dear Planning and Zoning Board Members:

We DO object to the requested variance.

We have multiple concerns regarding the construction of such a tower and antenna array in such a visible location that is so close to neighboring property lines. The first is property appearance and values. An antenna and tower array of that height is not in keeping with the appearance of a primarily one-story neighborhood. In the requested area there are not even many mature trees of that height. The antenna would be extremely visible (due to the shape of the lot the 'side yard' in this case is essentially the front yard) and give the area an industrial appearance. Additionally, the notice we received cites only the height of the vertical tower, not the dimensions of the antenna that will be attached, but they are often quite wide and as such it could be very visible and industrial and easily encroach into our yard.

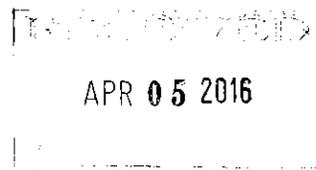
Additionally, due to the placement requested the tower would be very close to our property line. This would impose on our full use and enjoyment of our home, as well as pose potential danger to life, limb, and property should the tower not be constructed and maintained to stringent and proper engineering safety standards. Additionally, 'ham' (VHF/UHF) radio is a very powerful transmitter. It has potential health implications if not installed, maintained, and positioned correctly. Will the city be policing this tower and ensuring that the proper FCC inspections occur? Even if so, the inspections are only required yearly and potential deterioration could happen much more quickly, especially as the tower ages. The transmitter could also have potential interference effects on our television and internet capabilities. Any remedy of this situation would cost us time, effort, and money.

We hope you will consider these concerns in making your decision. Thank you for your time.

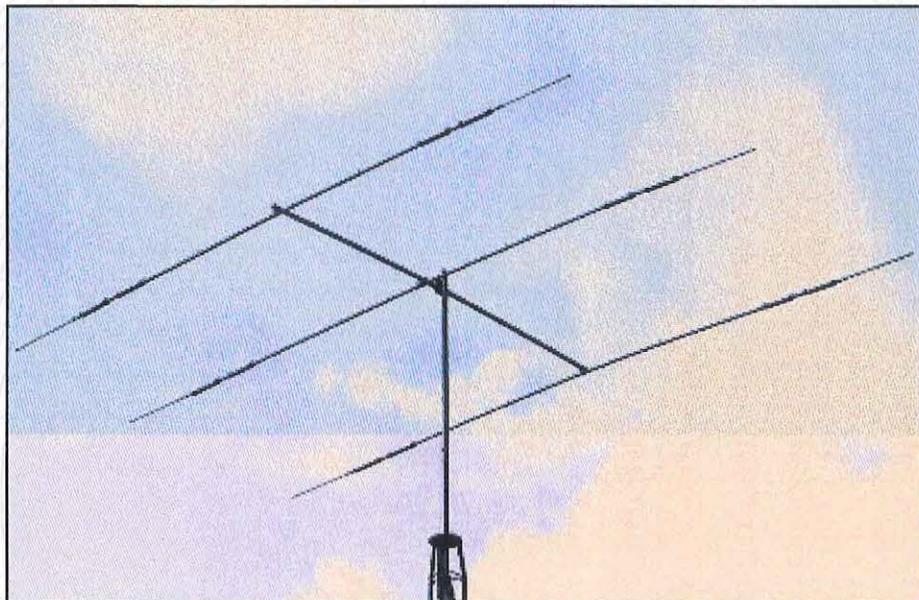
Sincerely, on behalf of myself and my fiancé



Danielle Rollins and Ian Harris



**ASSEMBLY AND INSTALLATION
INSTRUCTIONS**



A3S

20 / 15 / 10 Meter Beam

Cushcraft
Amateur Radio Antennas

951278 (8/95)

WARNING

THIS ANTENNA IS AN ELECTRICAL CONDUCTOR. CONTACT WITH POWER LINES CAN RESULT IN DEATH, OR SERIOUS INJURY. DO NOT INSTALL THIS ANTENNA WHERE THERE IS ANY POSSIBILITY OF CONTACT WITH OR HIGH VOLTAGE ARC-OVER FROM POWER CABLES OR SERVICE DROPS TO BUILDINGS. THE ANTENNA, SUPPORTING MAST AND/OR TOWER MUST NOT BE CLOSE TO ANY POWER LINES DURING INSTALLATION, REMOVAL OR IN THE EVENT PART OF THE SYSTEM SHOULD ACCIDENTALLY FALL. FOLLOW THE GUIDELINES FOR ANTENNA INSTALLATIONS RECOMMENDED BY THE U.S. CONSUMER PRODUCT SAFETY COMMISSION AND LISTED IN THE ENCLOSED PAMPHLET.

Your Cushcraft A3S Yagi is designed and manufactured to give trouble free service. This antenna will perform as specified if the instructions and suggestions in this manual are followed and care is used in the assembly and installation. When checking the components received in your antenna package use the parts listed beside each diagram. There is a master parts list on page 2. If you are unable to locate any tube or component, check the inside of all tubing. **IMPORTANT:** Save the weight label from the outside of the carton. Each antenna is weighed at the factory to verify the parts count. If you claim a missing part, you will be asked for the weight verification label.

PLANNING

Plan your installation carefully. If you use volunteer helpers be sure that they are qualified to assist you. Make certain that everyone involved understands that you are the boss and that they must follow your instructions. If you have any doubts at all, employ a professional antenna installation company to install your antenna.

LOCATION

Location of the antenna is very important. Surrounding objects such as trees, power lines, other antennas, etc. will seriously reduce efficiency. To minimize the effects of surrounding objects, mount the antenna as high and in the clear as possible. If metal guy wires are used, they should be broken with strain insulators. **EXTREME CARE MUST BE USED FOR YOUR SAFETY. YOU MUST INSURE THAT WHILE THE A3S IS IN OPERATION NEITHER PEOPLE OR PETS CAN COME IN CONTACT WITH ANY PORTION OF YOUR ANTENNA. DEADLY VOLTAGES AND CURRENTS MAY EXIST. ALSO, SINCE THE EFFECTS OF EXPOSURE TO RF FIELDS ARE NOT FULLY UNDERSTOOD, LONG TERM EXPOSURE TO INTENSE RF FIELDS IS NOT RECOMMENDED. THERE IS A WARNING STICKER WHICH MUST BE ATTACHED TO THE BOOM AS SHOWN IN FIGURE I.**

MOUNTING

The mast mount bracket will accommodate up to a 2" (5.1 cm) mast. A 1-1/2" OD (3.8 cm) or larger heavy wall tubing mast should be used. A good heavy duty antenna rotator will provide the best service and longest life. Often it is desirable to mount several antennas on one mast. To keep possible interaction to a minimum, place your antennas as far apart as you can.

SYSTEM GROUNDING

Direct grounding of the antenna, mast and tower is very important. This serves as protection from lightning strikes and static buildup, and from high voltage which is present in the radio equipment connected to the antenna. A good electrical connection should be made to one or more ground rods (or other extensive ground system) directly at the base of the tower or mast, using at least #10AWG ground wire and noncorrosive hardware. For details and safety standards, consult the National Electrical Code. You should also use a coaxial lightning arrester. Cushcraft offers several different models, such as LAC-1, LAC-2 and the LAC-4 series.

ASSEMBLY

Assemble your antenna by following the directions and illustrations in steps 1 through 5. After the antenna is completely assembled, verify dimensions and element spacings for accuracy. Then, return to the section below for final tuning.

TUNING PROCEDURE

Set the element lengths for the portion of the band you want to operate on using Chart 1 and Figure B. Your A3S is now ready for use.

You may check the VSWR in order to confirm assembly was done properly. The easiest place to check the antenna is likely to be in its final mounting configuration. Orient the antenna such that it is pointing straight up. The back of the antenna should be at least 2 feet (.6 m) off the ground.

Run the coax cable from your transmitter to the area in which the antenna is to be tested. The length of this cable or your feedline is not critical. Connect a good quality VSWR bridge to the end of this cable. Connect a short length of cable [10 ft. (305 cm) or less] from the VSWR bridge to the antenna under test. Set the transmitter to your center operating frequency and measure the VSWR while taking care not to effect the measurement with your body. A VSWR of 2:1 or less is satisfactory and will not degrade the performance. If the VSWR is greater than 2:1, check all dimensions and connectors.

ADD-ON KIT

Adding 30 or 40 meters to your A3S is easy with the A743 add-on kit. You'll be on the air quickly operating on your new band because the A743 easily clamps to your A3S. You can operate on 40 meters or with simple adjustment, 30 meters. The kit comes complete with a reinforced center insulator, teflon® protected high power traps, all stainless steel hardware and non-stretch lamcord® support line. Cushcraft makes it easy to add more excitement to your hobby.

MASTER PARTS LIST

KEY	PART#	QTY	KEY	PART#	QTY	
BA	Aluminum tubing 1-5/8" x 12" (4.1 x 30.5 cm) drilled and slotted both ends	1	46	050046	1-1/2" (3.8 cm) black plastic cap	2
BB	Aluminum tubing 1-1/2" x 84" (3.8 x 213.4 cm) drilled one end	2	53	050053	1/2" (1.3 cm) black plastic cap	6
EA	Aluminum tubing 1-1/8" x 72" (2.9 x 182.9 cm) drilled for U-bolt, slotted both ends.	2	58	173658	3-1/2" (8.9 cm) V-block	2
EB	Aluminum tubing 1-1/8" x 36" (2.9 x 91.4 cm) drilled one end, slotted both ends	2	63	170063	2" (5.1 cm) V-block	2
EC	Aluminum tubing 1" x 67" (2.5 x 170.2 cm) slotted one end	2	84	010084	1/4" (.6 cm) lock washer	6
ED	Aluminum tubing 1" x 65" (2.5 x 165.1 cm) slotted one end	2	85	010085	1/4" (.6 cm) hex nut	6
EE	Aluminum tubing 1" x 46-1/2" (2.5 x 188.1 cm) slotted one end	2	96	122096	10" (25.4 cm) fiberglass insulator	1
EF	Aluminum tubing 1" x 5-1/4" (2.5 x 13.3 cm) slotted both ends	6	118	010118	5/16" (.8 cm) hex nut	8
EG	Aluminum tubing 1/2" x 35-7/8" (1.3 x 91.1 cm)	6	119	010119	5/16" (.8 cm) lock washer	8
TA	10 meter trap	6	120	010120	#8-32 x 2" (5.1 cm) machine screw	2
TB	15 meter director trap	2	123	010123	#8-32 x 1-1/2" (3.8 cm) machine screw	2
TC	15 meter driv. & refl. trap	4	143	190143	1-1/8" (2.9 cm) aluminum bracket	3
11	010011 #8-32 hex nut	2	326	290326	Danger label	1
33	190033 Backing plate	6	402	010402	1-1/2" x 3-3/4" (3.8 x 9.6 cm) U-bolt	3
41	011941 #8 split lock washer	6	403	010403	1-5/8" (4.1 cm) U-bolt	2
			404	010404	2-1/8" x 3" (5.4 x 7.6 cm)	2
			409	030409	11/16" (1.7 cm) worm clamp	6
			410	030410	1" (2.5 cm) worm clamp	18
			411	030411	1-1/8" (2.9 cm) worm clamp	8
			413	030413	1-5/8" (4.1 cm) worm clamp	2
			453	100453	Terminal	2
			919	190919	6" x 6" (15.2 x 15.2cm) mounting plate	1

#1 - BOOM ASSEMBLY

Place worm clamps (413) over the slotted ends of tube BA. Slide both BB sections into BA (Figure A). Rotate them as required to align the holes for the 2" screws (120). Place the lock washer (41) and the hex nut (11) on the screws and tighten them. Tighten the worm clamps. Place the plastic caps (46) on the ends of the boom assembly.

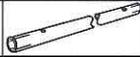
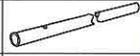
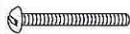
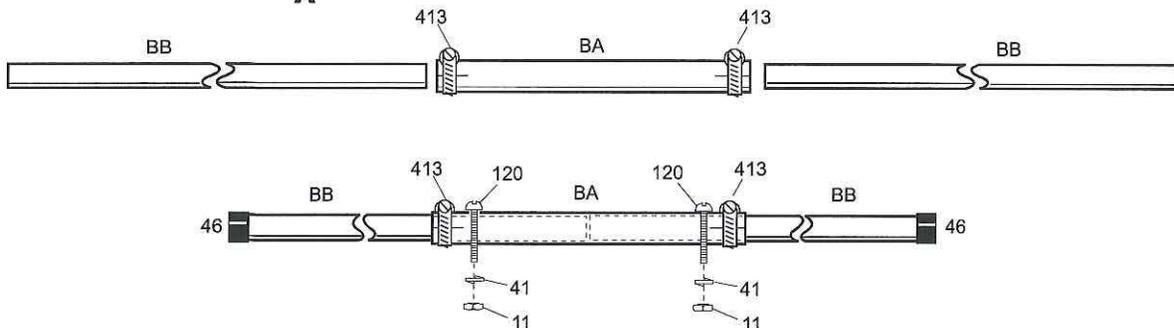
KEY	P/N	DISPLAY	DESC	SIZE	QTY
BA			ALUM TUBE	1-5/8" x 12" (4.1 x 30.5 cm)	1
BB			ALUM TUBE	1-1/2" x 84" (3.8 x 213.4 cm)	2
46	050046		PLASTIC CAP	1-1/2" (3.8 cm)	2
11	010011		HEX NUT	8-32	2
41	011941		SPLIT LOCK WASHER	#8	2
120	010120		MACHINE SCREW	8-32 x 2" (5.1 cm)	2
413	030413		WORM CLAMP	1-5/8" (4.1 cm)	2

FIGURE A



#2 Element Assembly

Assemble the elements per Figure B. First place a worm clamp (410) over the slotted ends of all EC, ED, and EE tubes. Insert the traps (TA) into the slotted ends of the tubing. Make sure the arrow on the trap faces the slotted tubing.

Place the worm clamps (411) on both slotted ends of the EB tubes (element 2). Slide the end with the screw hole of the EB tube onto the center insulator (96) as shown in Figure C. Align the screw holes in the tubing with those in the insulator. Place an 8-32 screw (123) through the tubing and insulator hole and fasten it in place with nuts (11) and washers (41). Tighten all nuts. Insert the ED tubes into the EB tubes and tighten the worm clamps.

Place worm clamps (410) at both slotted ends of the EF tubing. Slide one end onto the TA traps. Attach the TC traps to the other end of tube EF on elements 1 and 2. Attach the TB traps on element 3. Slide tube EG into the ends of all elements and secure with worm clamps (409). Place end caps (53) on both ends. Set dimensions according to the desired band using Chart 1 and Chart 2 for reference. Tighten all clamps.

FIGURE B

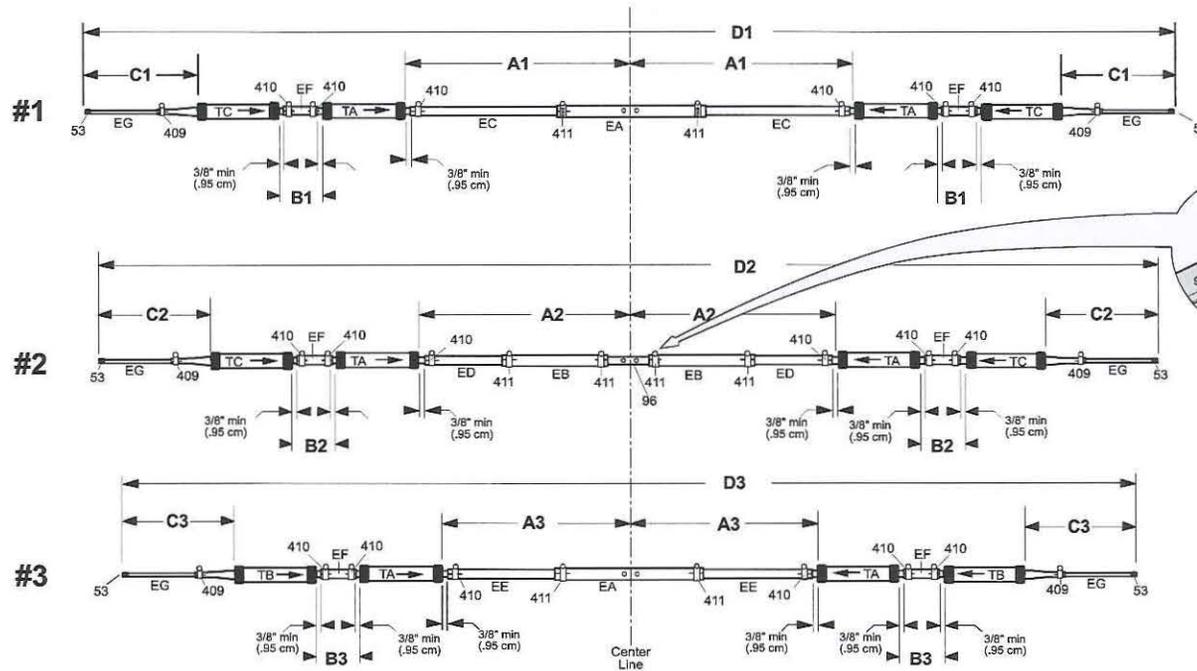
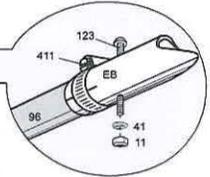


FIGURE C



KEY	P/N	DISPLAY	DESC	SIZE	QTY
EA			ALUMINUM TUBING	1-1/8" x 72" (2.9 x 182.9cm)	2
EB			ALUMINUM TUBING	1-1/8" x 36" (2.9 x 91.4cm)	2
EC			ALUMINUM TUBING	1" x 67" (2.5 x 170.2cm)	2
ED			ALUMINUM TUBING	1" x 65" (2.5 x 165.1cm)	2
EE			ALUMINUM TUBING	1" x 46-1/2" (2.5 x 118.1cm)	2
EF			ALUMINUM TUBING	1" x 5-1/4" (2.5 x 13.3cm)	6
EG			ALUMINUM TUBING	1/2" x 35-7/8" (1.3 x 91.7cm)	6
TA			TRAP	10 METER	6
TB			DIRECTOR TRAP	15 METER	2
TC			DRIV & REFL TRAP	15 METER	4
11	010011		HEX NUT	#8-32	2
41	011941		SPLIT LOCK WASHER	#8	2
53	050053		BLK PLASTIC CAP	1/2" (1.3cm)	6
96	122066		FIBERGLASS INSULATOR	10" (25.4cm)	1
123	010123		MACHINE SCREW	#8-32 x 1-1/2" (3.8cm)	2
409	030409		SS WORM CLAMP	11/16" (1.7cm)	6
410	030410		SS WORM CLAMP	1" (2.5cm)	18
411	030411		SS WORM CLAMP	1-3/8" (3.3cm)	8

Chart 1

	#1 Reflector				#2 Driven Element				#3 Director			
	A1	B1	C1	D1	A2	B2	C2	D2	A3	B3	C3	D3
Phone	7' 10"	6-1/4"	3' 1"	26' 8-1/2"	6' 9-1/4"	5-3/4"	3' 1-1/2"	24' 7"	6' 2-3/4"	5-3/4"	2' 11"	23' 1"
	238.8 cm	15.9 cm	94.0 cm	814 cm	206.4 m	14.6 cm	95.3 cm	749 cm	190.0 cm	14.6 cm	88.9 cm	704 cm
Center	8' 1/2"	6-1/2"	3' 1"	27' 2"	6' 11-1/2"	6"	3' 1-1/2"	25' 762 cm	6' 5"	6"	2' 11"	23' 6"
	245.1 cm	16.5 cm	94.0 cm	828 cm	212.1 cm	15.2 cm	95.3 cm	762 cm	195.6 cm	15.2 cm	88.9 cm	716 cm
CW	8' 2-3/8"	7-3/4"	3' 1-1/2"	27' 9-1/4"	7' 7/8"	7"	3' 1-1/2"	25' 4-3/4"	6' 6-1/8"	7"	2' 11-1/2"	23' 11-1/4"
	250 cm	19.7 cm	95.3 cm	883 cm	215.6 cm	17.8 cm	95.3 cm	774 cm	198.4 cm	17.8 cm	90.2 cm	730 cm

Chart 2

BAND	20M	15M	10M
Phone	14.25	21.35	28.60
Center	14.20	21.275	28.350
CW	14.10	21.125	28.150
Center Frequency (MHz)			

KEY	P/N	DISPLAY	DESC	SIZE	QTY
33	190033		BACKING PLATE		2
84	010084		LOCK WASHER	1/4" (6 cm)	6
85	010085		HEX NUT	1/4" (6 cm)	6
143	190143		ALUMINUM BRACKET	1-1/2" (3.81 cm)	3
402	010402		U-BOLT	1-1/2" x 3-3/4" (3.8 x 9.6 cm)	3

#3 - ELEMENT MOUNTING

Attach elements #1 and #3 on the boom assembly using the U-bolts (402), aluminum brackets (143), backing plates (33), washers (84) and nuts (85) as shown in figure E. Attach the driven element (#2) in the boom assembly using the U-bolt (402), aluminum bracket (143), washers (84) and nuts (85) as shown in Figure F. Note that there is no backing plate on the fiberglass insulator.

Check all dimensions for proper placement of elements on the boom. Level the elements and tighten all the nuts on the U-bolts that hold the elements on the boom per Figure G. Check all traps to make sure that the arrows are pointed towards the boom and the drain holes are facing the ground so that moisture will not build up in the traps.

FIGURE D

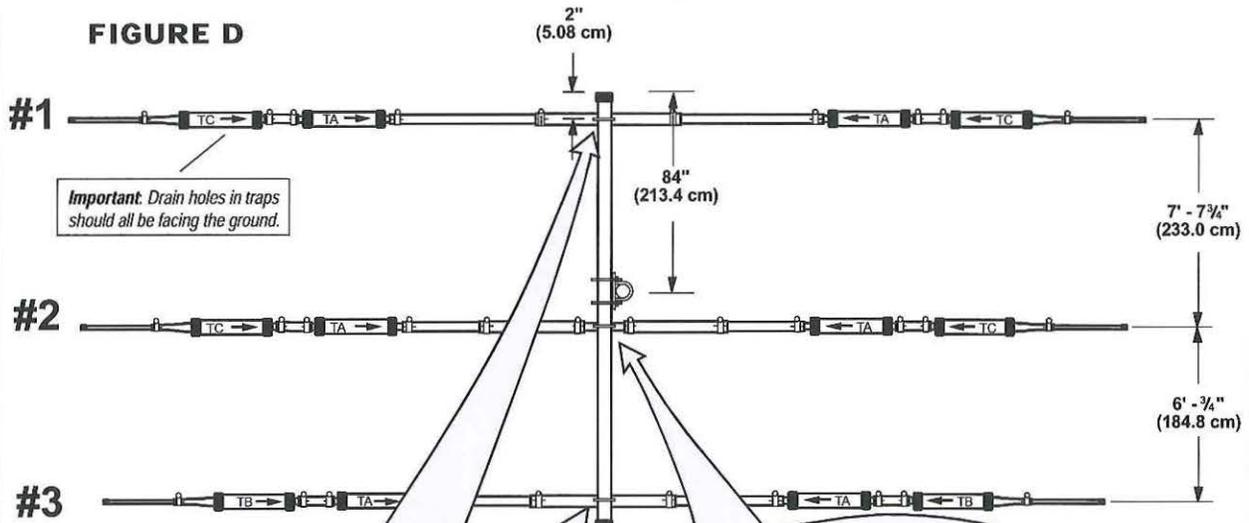


FIGURE E

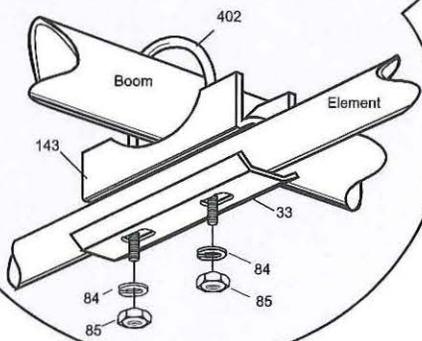


FIGURE F

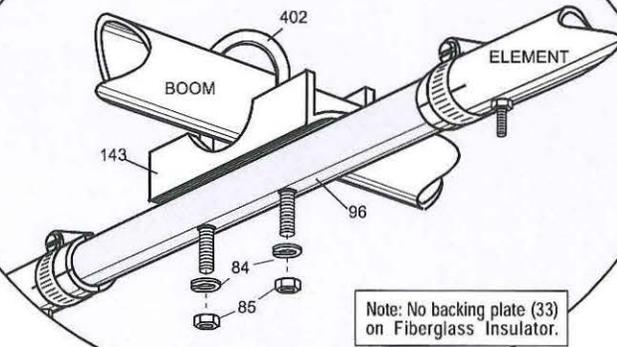
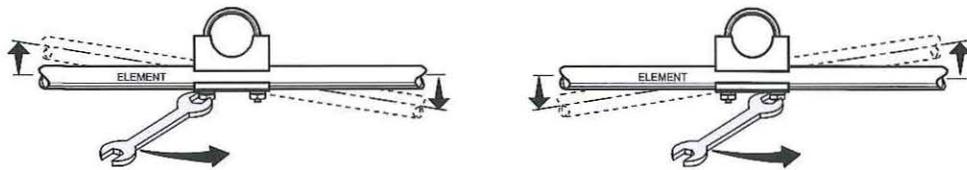


FIGURE G

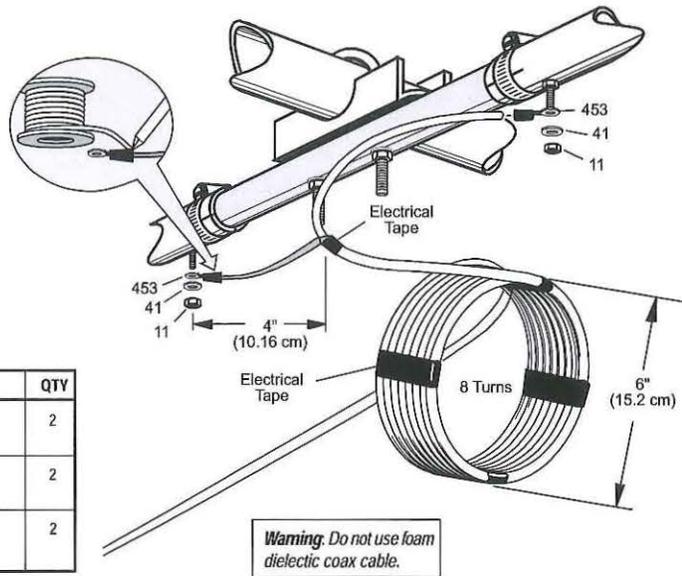


#4 - RF CHOKE

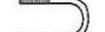
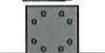
A feedline should be prepared as shown in Figure H using the solder terminals (453) provided. A 1:1 balun may be installed at the feedpoint but it is not required. We recommend using an RF choke made from 8 turns of RG8/U coaxial cable with 6 inch (15.3 cm) diameter as shown here. **Important-** Do not use foam dielectric coax for your RF Choke because when the coax is wound in a coil the center conductor may migrate away from the center and detune your choke. Attach the RF choke to the driven element using washers (41) and nuts (11). Be sure to tape and seal the feedline against water at the point where the center dielectric and braid separate. Tape the feedline, between the feedpoint and the RF choke, to the boom. Tape the RF choke to the mast. If you plan to install the antenna in a salty or corrosive environment, you may want to consider coating all elements with a clear marine varnish or its equivalent after it is assembled.

KEY	P/N	DISPLAY	DESC	SIZE	QTY
11	010011		HEX NUT	#8-32	2
41	011941		LOCK WASHER	#8	2
453			TERMINAL		2

FIGURE H

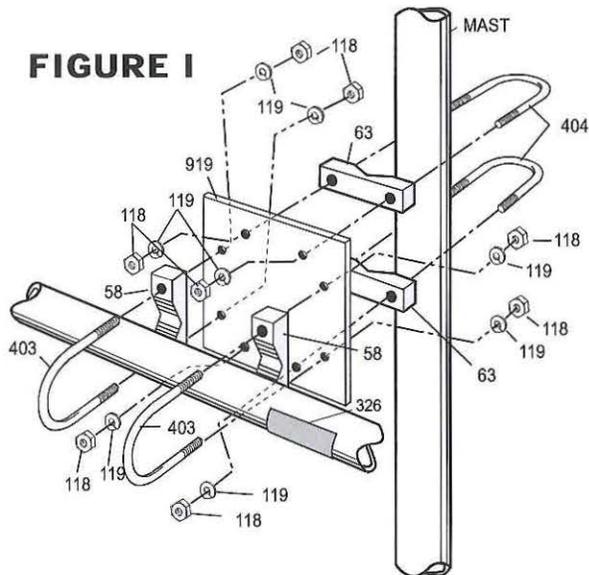


#5 - BOOM TO MAST ASSEMBLY

KEY	P/N	DISPLAY	DESC	SIZE	QTY
58	173658		V-BLOCK (fits 403 U-Bolt)	3-1/2" (8.9 cm)	2
63	170063		V-BLOCK (fits 404 U-Bolt)	2" (5.1 cm)	2
118	010118		HEX NUT	5/16" (.8 cm)	8
119	010119		LOCK WASHER	5/16" (.8 cm)	8
403	010404		U-BOLT	1-5/8" (4.1 cm)	2
404	010404		U-BOLT	2-1/8 x 3" (5.4 x 7.6 cm)	2
919	090919		MOUNTING PLATE	6" x 6" (15.2 x 15.2 cm)	1
326	290326		DANGER LABEL		1

Attach the boom to your mast as shown in Figure I. First attach the mounting plate (919) to the BA section of the boom using U-bolts (403), washers (119), nuts (118), and V-blocks (58). Attach the mounting plate to the mast using the U-bolts (404), V-block (63), washers (119) and nuts (118). Affix the danger label (326).

FIGURE I



SPECIFICATIONS

Model	A3S
Frequency Ranges	28, 21, 14
Forward Gain, dBd	8
Front to Back Ratio, dB	25
2:1 Bandwidth KHz	>500
Power Rating, Watts PEP	2000
3 dB Beam Width, Deg. E Plane	60
Boom Length	14 (4.27)
Boom Diameter, In (cm)	1.5 (3.81)
Longest Element, ft (m)	27.75 (8.45)
Element Center Dia, In (cm)	1.25 (3.18)
Turning Radius, ft (m)	15.5 (4.72)
Mast Size Range, In (cm)	1.25-2 (3.18-5.08)
Wind Load, ft ² (m ²)	4.36 (0.47)
Weight, lb (kg)	27 (12.9)

LIMITED WARRANTY

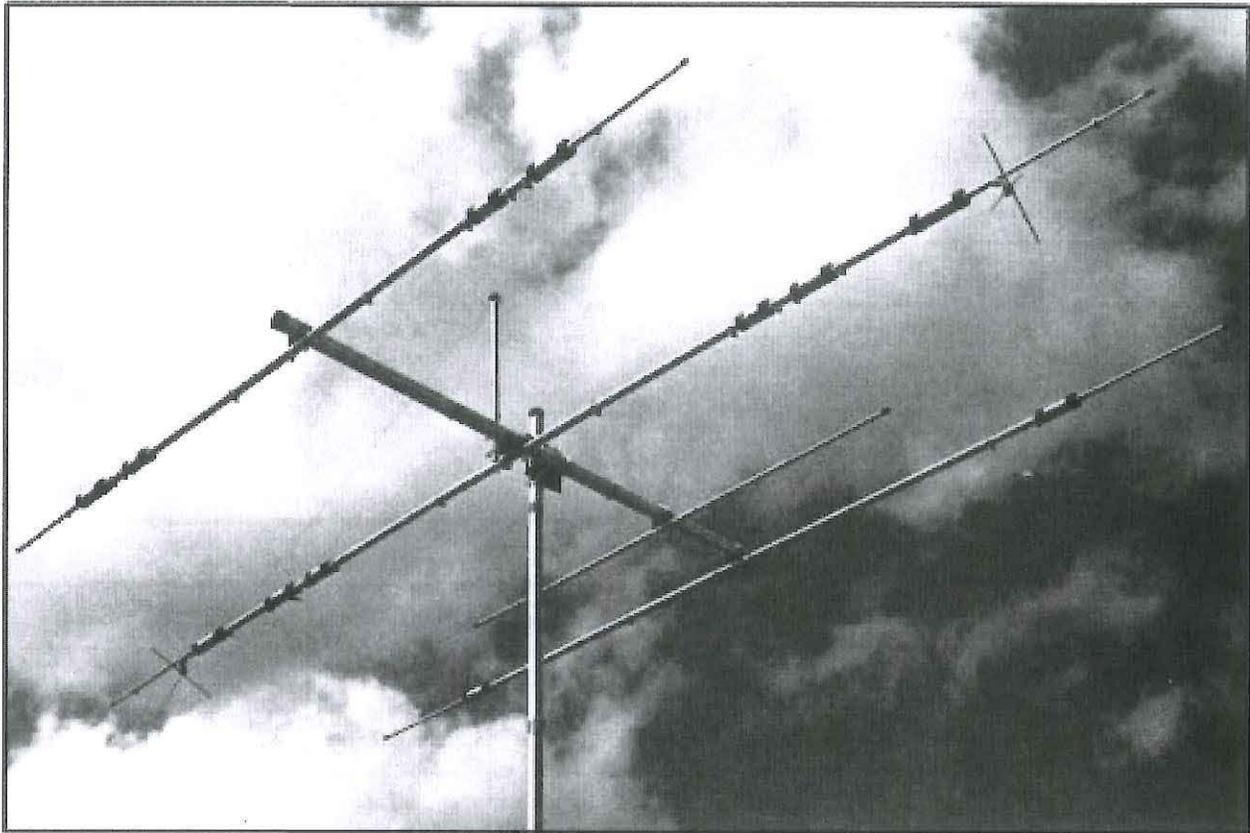
Cushcraft Amateur Radio Antennas, 308 Industrial Park Rd., Starkville, MS 39759, warrants to the original consumer purchaser for one year from date of purchase that each Cushcraft antenna is free of defects in materials or workmanship. If, in the judgment of Cushcraft, any such antenna is defective, then Cushcraft Amateur Radio Antennas will, at its option, repair or replace the antenna at its expense within thirty days of the date the antenna is returned (at purchasers expense) to Cushcraft or one of its authorized representatives. This warranty is in lieu of all other expressed warranties, any implied warranty is limited in duration to one year. Cushcraft Amateur Radio Antennas shall not be liable for any incidental or consequential damages that may result from a defect. Some states do not allow limitations on how long an implied warranty lasts or exclusions or limitations of incidental or consequential damages, so the above limitation and exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state. This warranty does not extend to any products that have been subject to misuse, neglect, accident or improper installation. Any repairs or alterations outside of the Cushcraft factory will nullify this warranty.

Cushcraft

Amateur Radio Antennas

300 Industrial Park Rd., Starkville, MS 39759
Phone: 662-323-5803 Fax: 662-323-6551
www.CushcraftAmateur.com

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

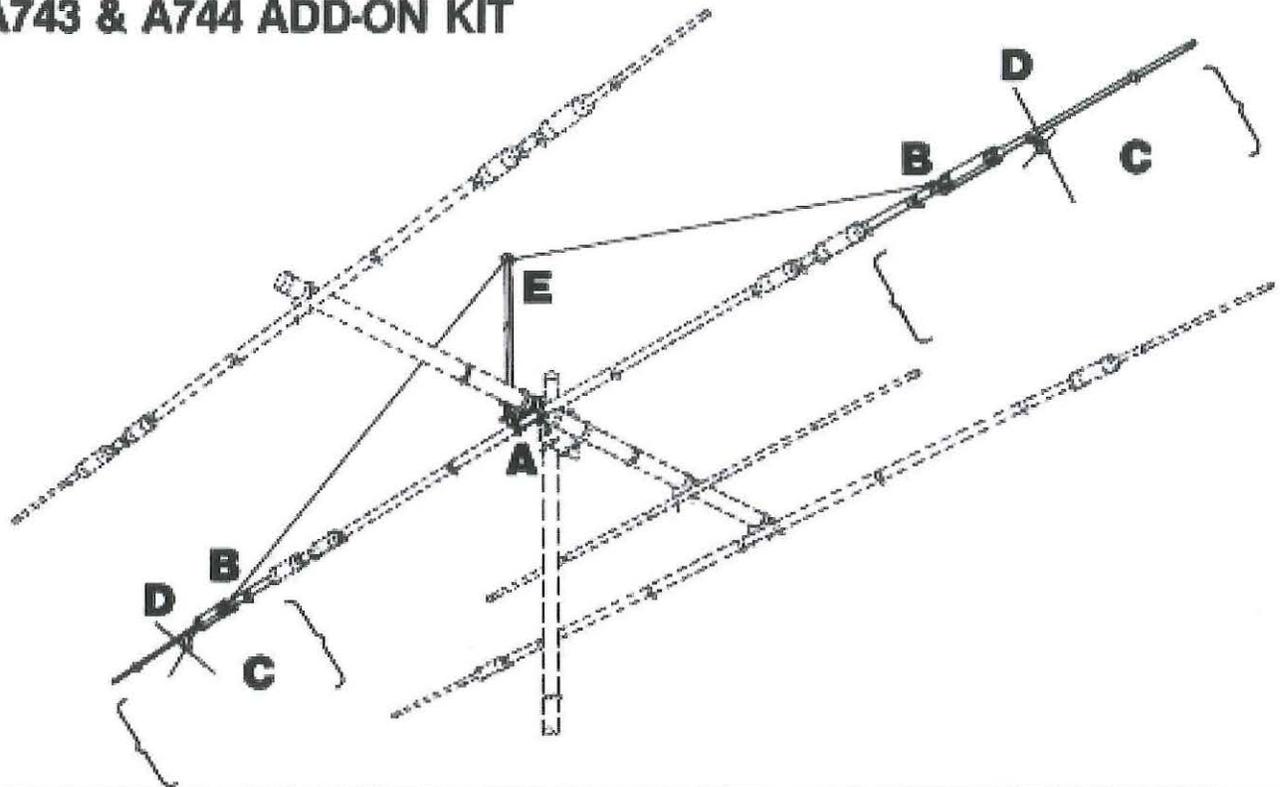


A743 and A744 ADD-ON KIT **40 or 30 METER ANTENNA**

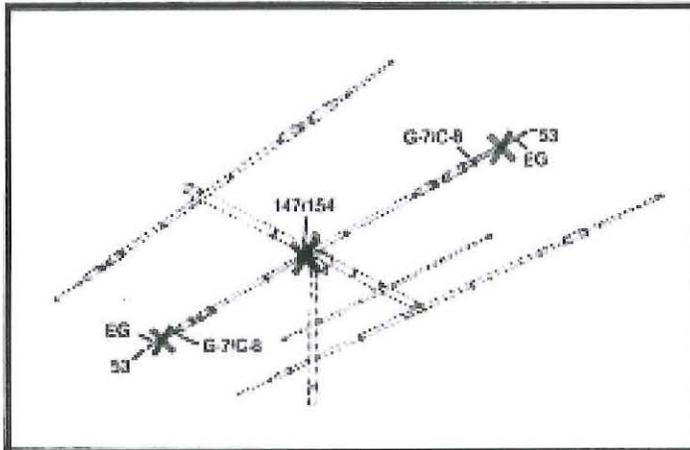


A743/451

A743 & A744 ADD-ON KIT

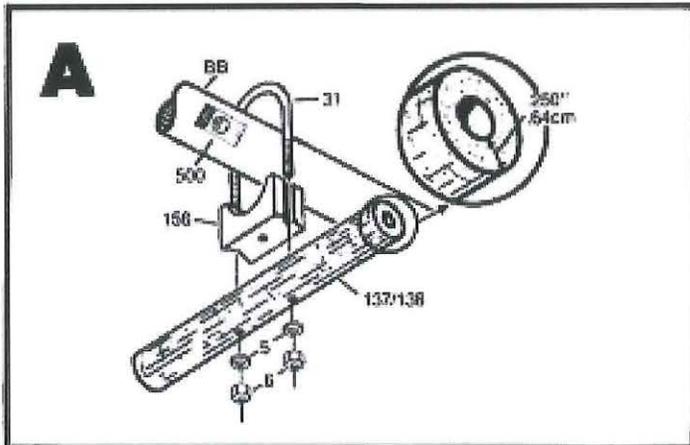


1 INSULATOR DISASSEMBLY



P/N		DETAIL	DESC.	SIZE	QTY
A3	A4				
147	154		FIBERGLASS INSULATOR	1"OD x 10" (2.5cm x 25.4cm)	1
EG	EG		ALUMINUM TUBING	1/2" OD x 35/64" (1.3cm x 8.1cm) x .035" wall	2
53	53		BLACK PLASTIC GAP	1/2" (1.3cm)	2
	G-8		WORM CLAMP	1/2" (1.3cm)	2
G-7			WORM CLAMP	1/2" (1.3cm)	2

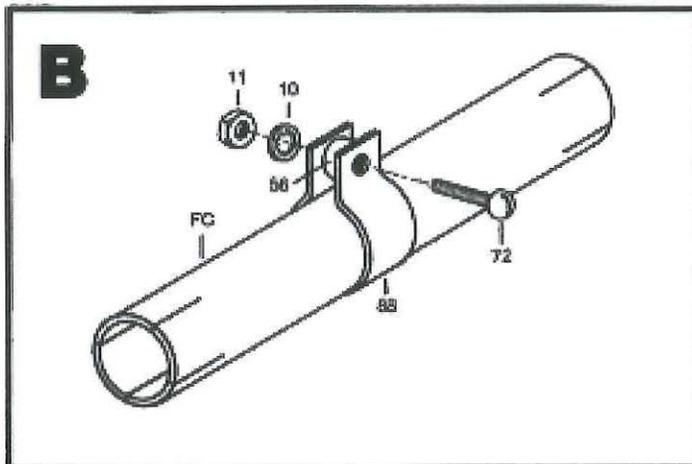
2 INSULATOR ASSEMBLY



137	138		FIBERGLASS INSULATOR	1"OD x 25" x 10" (2.5cm x 25.4cm)	1
500	500		WARNING LABEL		1

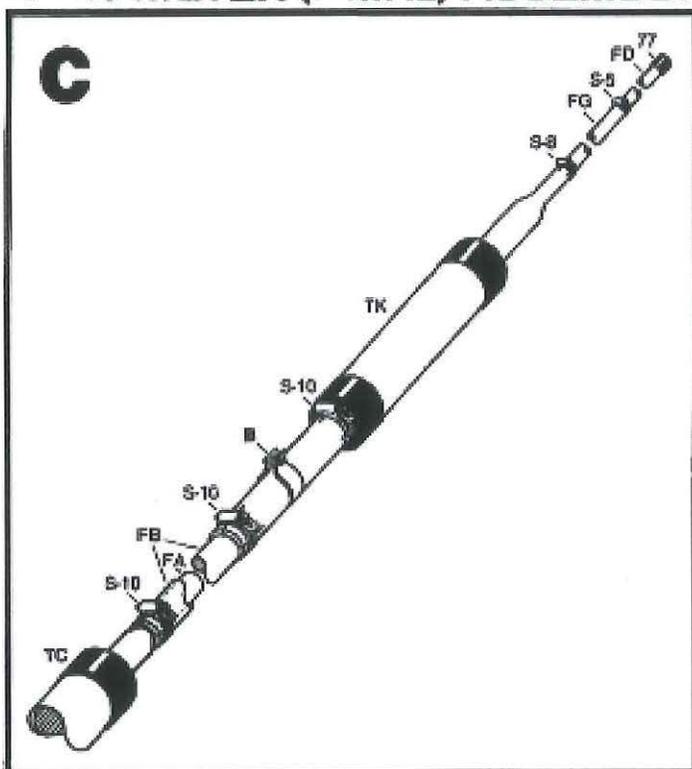
WARNING:
 THIS ANTENNA IS AN ELECTRICAL CONDUCTOR. CONTACT WITH POWER LINES CAN RESULT IN DEATH, OR SERIOUS INJURY. DO NOT INSTALL THIS ANTENNA WHERE THERE IS ANY POSSIBILITY OF CONTACT WITH OR HIGH VOLTAGE ARC-OVER FROM POWER CABLES OR SERVICE DROPS TO BUILDINGS. THE ANTENNA, SUPPORTING MAST AND/OR TOWER MUST NOT BE CLOSE TO ANY POWER LINES DURING INSTALLATION REMOVAL OR IN THE EVENT PART OF THE SYSTEM SHOULD ACCIDENTALLY FALL. FOLLOW THE GUIDELINES FOR ANTENNA INSTALLATIONS RECOMMENDED BY THE U.S. CONSUMER PRODUCT SAFETY COMMISSION AND LISTED IN THE ENCLOSED PAMPHLET.

3 GUY LINE CLAMP ASSEMBLY



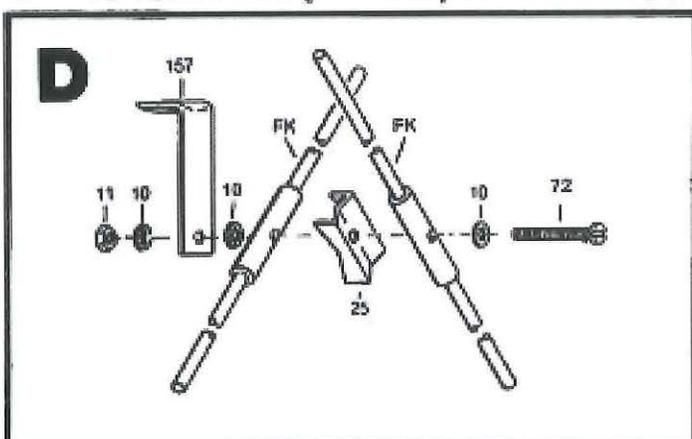
P/N	DETAIL	DESC.	SIZE	QTY
88		GUY LINE CLAMP	1" (2.5cm)	2
56		ALUMINUM SPACER	1/4" x 1/4" (70 x 84cm)	2
72		SS MACHINE SCREW	#8-32 x 1/4" (1.8cm)	2
10		SS INTERNAL LOCKWASHER	#8-32	2
11		SS HEX NUT	#8-32	2
FC		ALUMINUM TUBING	1" x .058" x 7" (2.5 x 17.8cm)	2

4 40 METER (7 MHz) ASSEMBLY



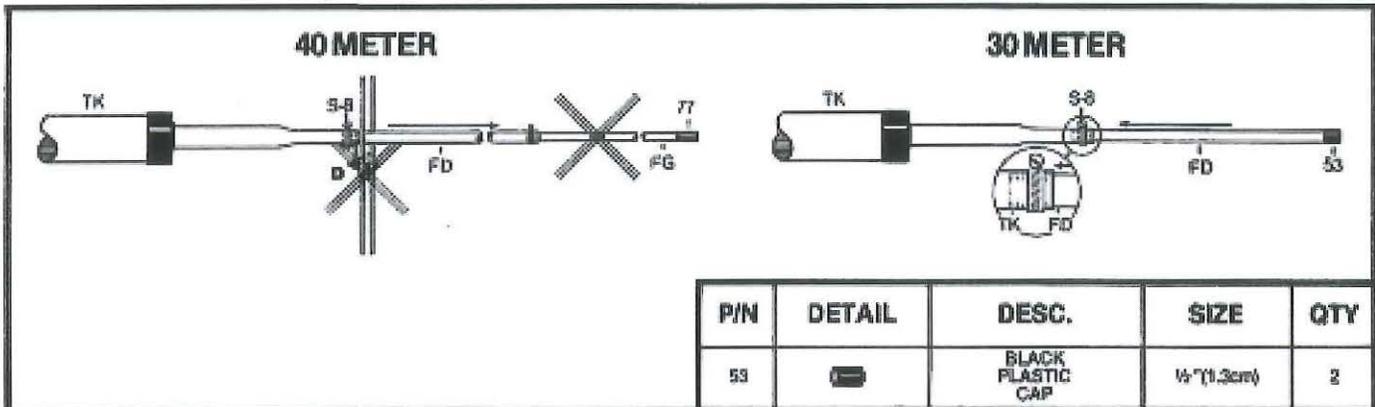
S-10		SS WORM CLAMP	1 1/4" (3.5cm)	8
FA		ALUMINUM TUBING	1/4" x .035" x 3" (1.9 x 7.6cm)	2
FB		ALUMINUM TUBING	1/4" x .058" x 13 1/4" (2.2 x 33.8cm)	2
TK		TK 20 METER TRAP		2
S-8		SS WORM CLAMP	5/8" (1.2cm)	2
S-5		SS WORM CLAMP	1/2" (1.3cm)	2
FG		ALUMINUM TUBING	1/8" x .048" x 24" (1.3 x 61.0cm)	2
FD		ALUMINUM TUBING	1/8" x .058" x 42" (1.9 x 106.7cm)	2
77		BLACK PLASTIC CAP	1/4" (0.9cm)	2

5 40 METER (7 MHz) X-HAT ASSEMBLY

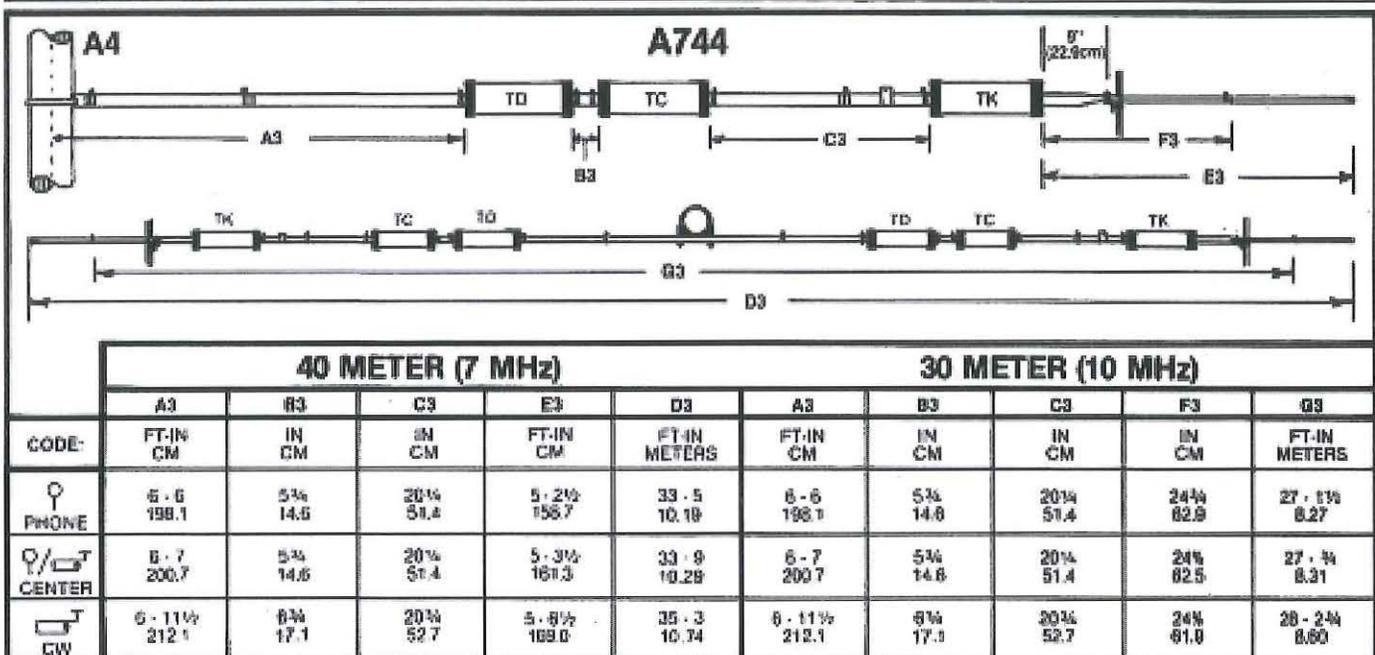
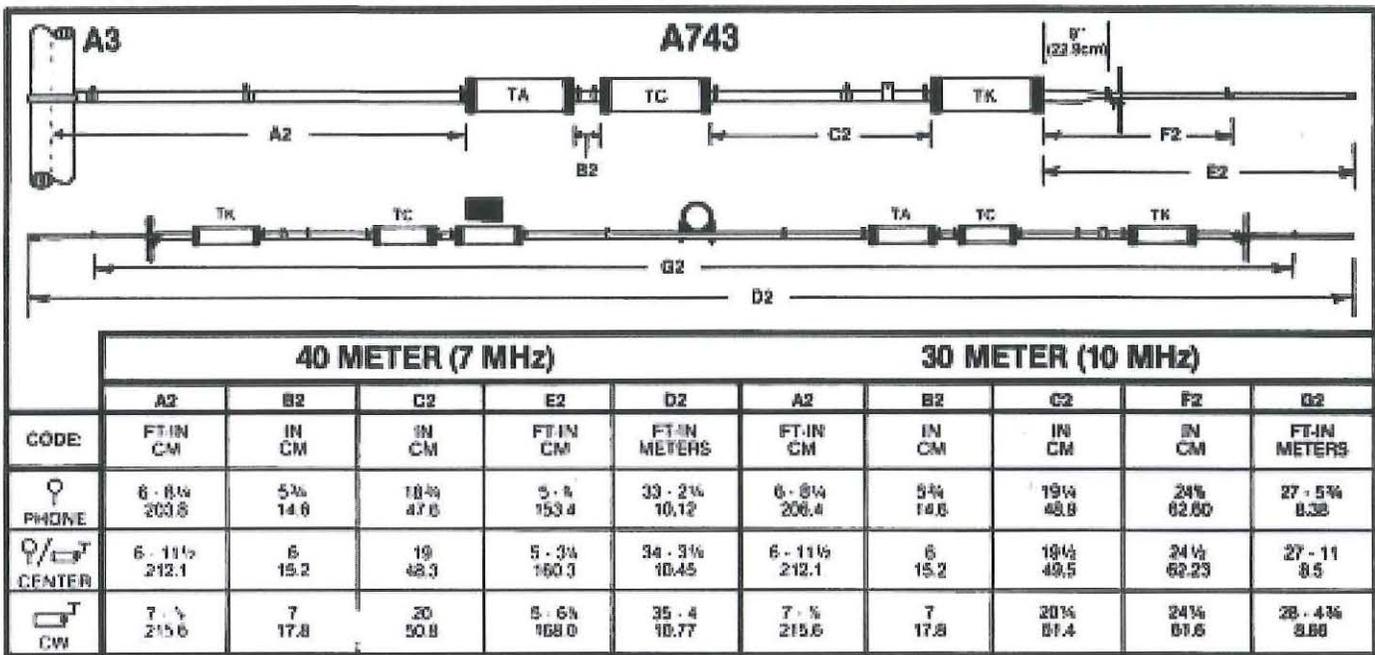


FK		ALUMINUM ROD	1/4" x 26 1/4" (0.48 x 73.03cm)	4
25		FORMED ALUMINUM BLOCK	3" (2.2cm)	2
157		FORMED ALUMINUM BRACKET	2" x 1 1/2" (5.1 x 1.9cm)	2
72		SS MACHINE SCREW	#8-32 x 1 1/2" (3.18cm)	2
10		SS INTERNAL LOCKWASHER	#8-32	6
11		SS HEX NUT	#8-32	2

6A 30 METER (10 MHz) OPTION ASSEMBLY



6B DRIVEN ELEMENT LENGTH ADJUSTMENT

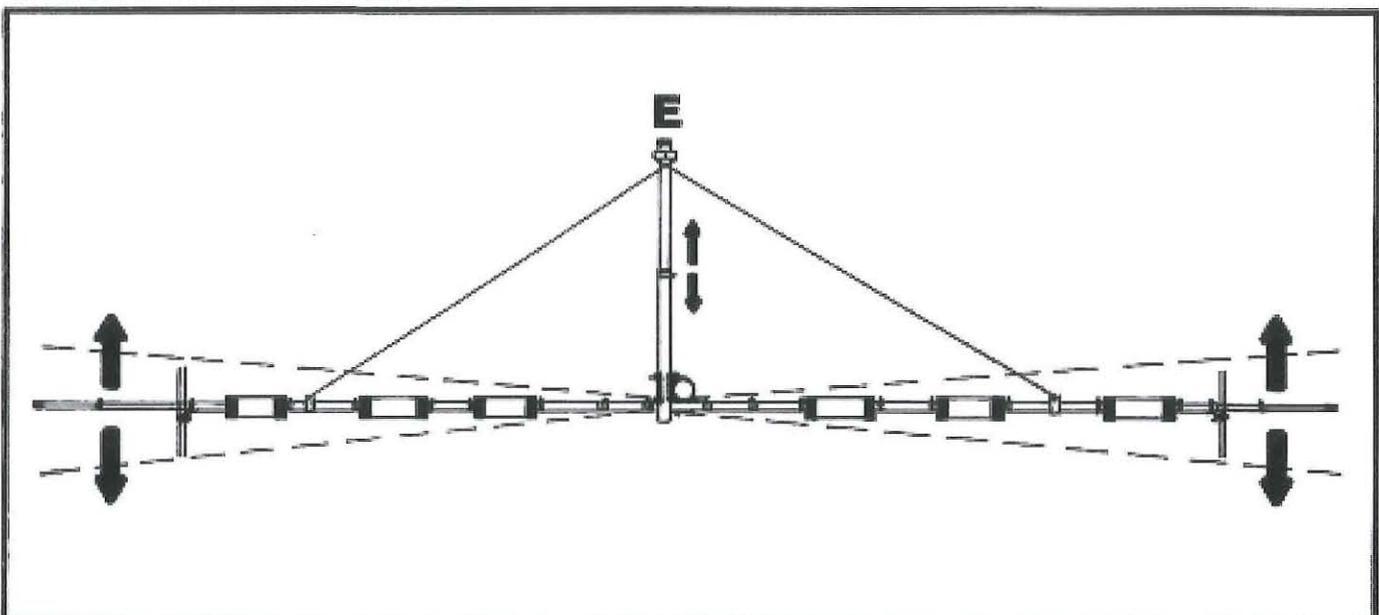


7 DRIVEN ELEMENT SUPPORT MAST ASSEMBLY

E

P/N	DETAIL	DESC.	SIZE	QTY
38		BLACK PLASTIC CAP	1" (2.5cm)	1
11		SS HEX NUT	#8-32	1
10		INTERNAL TOOTH WASHER	#8-32	1
25		ALUMINUM BRACKET	N" (2.2cm)	1
148		SS MACHINE SCREW	8-32 x 2 1/2" (6.4cm)	1
FM		PHENOLIC TUBING	N" OD x 1" (2.2 x 2.5cm)	1
FN		GUY LINE	3mm x 7.01m (23')	1
FJ		ALUMINUM TUBING	1" x .058" x 24" (2.5 x 61cm)	1
S-10		SS WORM CLAMP	1 1/2" (3.5cm)	1
FH		ALUMINUM TUBING	1 1/2" x .058" x 24" (2.8 x 61cm)	1
6		S HEX NUT	3/4" (1.8cm)	2
5		S SPLIT LOCKWASHER	3/4" (1.8cm)	2
33		U-BOLT BACKING PLATE	3 1/2" (8.9cm)	1
32		U-BOLT BRACKET	3 1/2" (8.9cm)	1
		S U-BOLT	2 1/2" (5.4cm)	1

8 ADJUST GUY LINE



WARNING:

THIS ANTENNA IS AN ELECTRICAL CONDUCTOR, CONTACT WITH POWER LINES CAN RESULT IN DEATH, OR SERIOUS INJURY. DO NOT INSTALL THIS ANTENNA WHERE THERE IS ANY POSSIBILITY OF CONTACT WITH OR HIGH VOLTAGE ARC-OVER FROM POWER CABLES OR SERVICE DROPS TO BUILDINGS. THE ANTENNA, SUPPORTING MAST AND/OR TOWER MUST NOT BE CLOSE TO ANY POWER LINES DURING INSTALLATION REMOVAL OR IN THE EVENT PART OF THE SYSTEM SHOULD ACCIDENTLY FALL. FOLLOW THE GUIDELINES FOR ANTENNA INSTALLATIONS RECOMMENDED BY THE U.S. CONSUMER PRODUCT SAFETY COMMISSION AND LISTED IN THE ENCLOSED PAMPHLET.

PLANNING:

Plan your installation carefully. If you use volunteer helpers be sure that they are qualified to assist you. Make certain everyone involved understands that you are the boss and that they must follow your instructions. If you have any doubts at all employ a professional antenna installation company to install your antenna.

ASSEMBLY:

The procedure for assembly of the A743/A744 is straight forward as depicted in the illustrations. See the main pictorial on Page 2 for an overall view of the assembled antenna.

Begin by checking the parts supplied against the combined lists. After removing your antenna from its support, remove the driven element. Remove the center insulator and replace it with the one provided. Complete sub-assemblies as shown in Steps 2 through 5. Notice that Steps 4 and 5 are used for 7 MHz, and Step 6A for 10 MHz. Remove the tubing sections from the ends of your existing driven element. Place the new assembly C over the ends of the 15 meter trap (TC). Adjust the lengths per Step 6B. Place support mast, E, on the boom and feed the support guy line as shown in Step 7. Adjust the support mast until the driven element is parallel to the other elements. Replace the antenna on your tower.

LIMITED WARRANTY:

CUSHCRAFT CORPORATION, P.O. BOX 4680, MANCHESTER, NEW HAMPSHIRE 03108, WARRANTS TO THE ORIGINAL CONSUMER PURCHASER FOR ONE YEAR FROM DATE OF PURCHASE THAT EACH CUSHCRAFT ANTENNA IS FREE OF DEFECTS IN MATERIAL OR WORKMANSHIP. IF, IN THE JUDGEMENT OF CUSHCRAFT, ANY SUCH ANTENNA IS DEFECTIVE, THEN CUSHCRAFT CORPORATION WILL, AT ITS OPTION, REPAIR OR REPLACE THE ANTENNA AT ITS EXPENSE WITHIN THIRTY DAYS OF THE DATE THE ANTENNA IS RETURNED (AT PURCHASER'S EXPENSE) TO CUSHCRAFT OR ONE OF ITS AUTHORIZED REPRESENTATIVES. THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESSED WARRANTIES, ANY IMPLIED WARRANTY IS LIMITED IN DURATION TO ONE YEAR. CUSHCRAFT CORPORATION SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES WHICH MAY RESULT FROM A DEFECT. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR EXCLUSIONS OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION AND EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE. THIS WARRANTY DOES NOT EXTEND TO ANY PRODUCTS WHICH HAVE BEEN SUBJECT TO MISUSE, NEGLIGENCE, ACCIDENT OR IMPROPER INSTALLATION. ANY REPAIRS OR ALTERATIONS OUTSIDE OF THE CUSHCRAFT FACTORY WILL NULLIFY THIS WARRANTY.



THE ANTENNA COMPANY
48 Perimeter Road, P.O. Box 4680
Manchester, NH 03108

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

ZBA CASE 16-01

Zoning Board of Adjustment Case 16-01: Request for a Special Exception to Watauga City Code of Ordinances, Chapter 115 Zoning, Article V, Developmental Controls, Section 115-116, Antenna Facilities. Section C, Subsection (7) Setbacks, (a), stating that no antennas be erected in front or side yard. The applicant is seeking a special exception to place a 45 foot amateur radio antenna within the side yard behind the front building line. The property is 6620 Richardson Drive, and is known as Lot 8 Block 13 in the Watauga Heights Addition. It is located south of Oaklawn Drive and east of McCoy Drive. The property owner and applicant is Mr. Lowell Martin.

City records indicate that the names listed below are the owners of property within 200' (two hundred) feet of the above request. As prescribed by Chapter 115, Article II, Section 115-34 (c), (5) property owners have been notified and invited to appear or write and give their input regarding the above zoning board of adjustment case. Please return written comments to Watauga Planning and Development Department, 7105 Whitley Road Watauga, Texas 76148.

Date requested for response is no later than April 6, 2016.

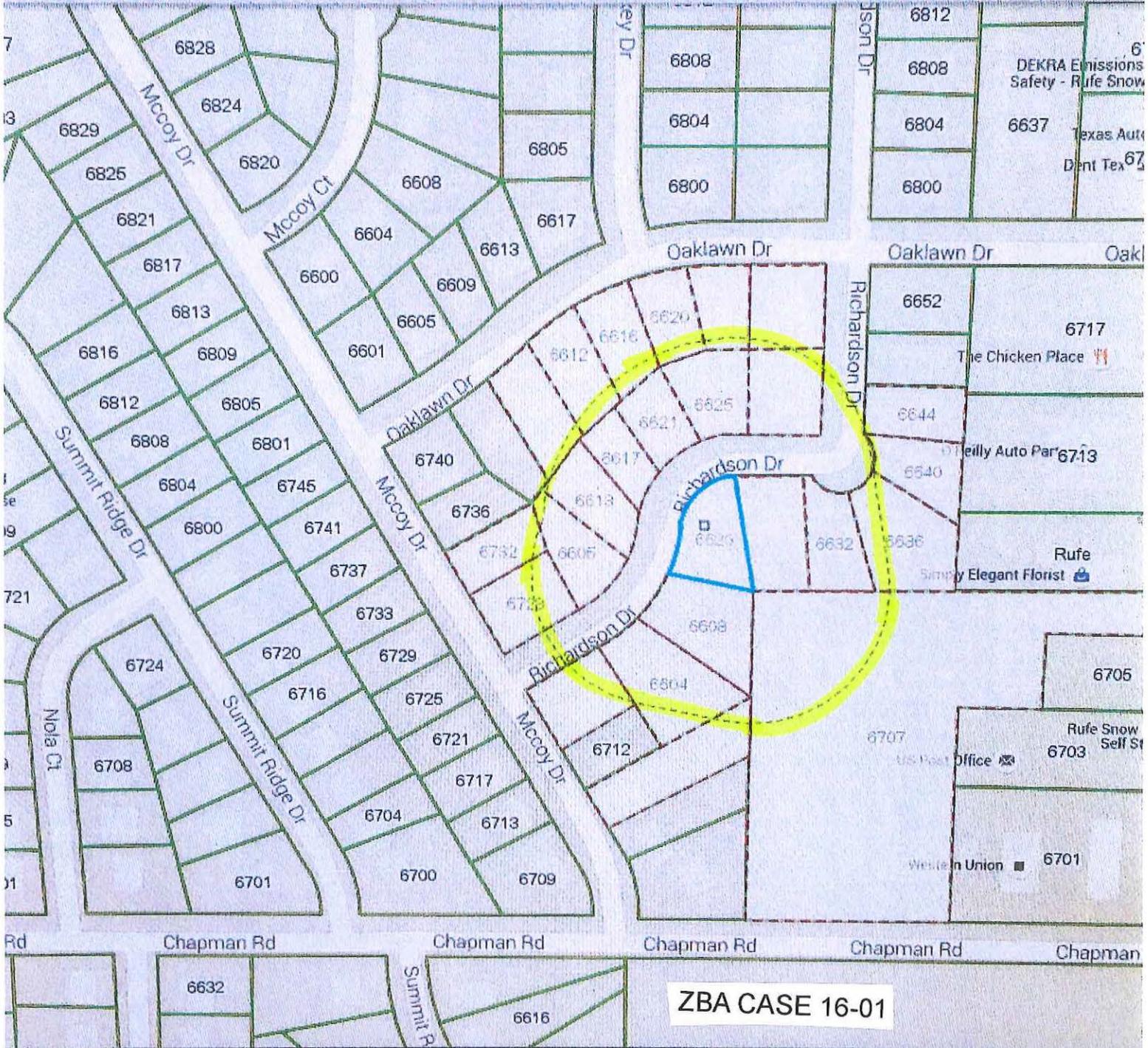
NAME	ADDRESS	RESPONSE
Warren Trust, The Property Owner of: Watauga Heights East Addition	3700 Briarhaven Lane Colleyville, TX 76034-8677 6608 Oaklawn Drive Block 3 Lot 13	_____
Resident/Lessee	6608 Oaklawn Drive	_____
J S Family Trust Attn: William Mark-Steven, Trustee Property Owner of: Watauga Heights East Addition	PO Box 5505 Orange, CA 92863-5505 6612 Oaklawn Drive Block 3 Lot 12	_____
Resident/Lessee	6612 Oaklawn Drive	_____
Irwin Alexis Watauga Heights East Addition	6616 Oaklawn Drive Block 3 Lot 11	_____
Walter E. Horton Property Owner of: Watauga Heights East Addition	4904 Tamra Court N. Richland Hills, TX 76180 6620 Oaklawn Drive Block 3 Lot 10	_____
Resident/Lessee	6620 Oaklawn Drive	_____

NAME	ADDRESS	RESPONSE
Helen Grizzle Watauga Heights East Addition	6624 Oaklawn Drive Block 3 Lot 9	_____
Ruben and Marisol Calvillo Watauga Heights East Addition	6628 Oaklawn Drive Block 3 Lot 8	_____
Russom James Est Watauga Heights East Addition	6732 McCoy Drive Block 3 Lot 17	_____
Cynthia and Richard Cortez Watauga Heights East Addition	6728 McCoy Drive Block 3 Lot 1	_____
Felix and Alicia Avila Watauga Heights East Addition	6605 Richardson Drive Block 3 Lot 2R	_____
Terese Heifner Watauga Heights East Addition	6613 Richardson Drive Block 3 Lot 3R	_____
Vickie McDonald Property Owner of: Watauga Heights East Addition	1249 Grand Central Pkwy Saginaw, TX 76131-5222 6617 Richardson Drive Block 3 Lot 4R	_____
Resident/Lessee	6617 Richardson Drive	_____
Hope D. Fleming Watauga Heights East Addition	6621 Richardson Drive Block 3 Lot 5R	_____
Kathleen D. Cansler Family Trust Property Owner of: Watauga Heights East Addition	PO Box 3013 Del Mar, CA 92014-6013 6625 Richardson Drive Block 3 Lot 6	_____
Resident/Lessee	6625 Richardson Drive	_____
6629 Richardson Drive Property Owner of: Watauga Heights East Addition	3725 Cromwell Court Plano, TX 75075 6629 Richardson Drive Block 3 Lot 7	_____
Resident/Lessee	6629 Richardson Drive	_____
Clair Robert Edward ETAL Watauga Heights East Addition	6716 McCoy Drive Block 13 Lot 5	_____
Carolyn S. Barker Watauga Heights East Addition	6604 Richardson Drive Block 13 Lot 6	_____

NAME	ADDRESS	RESPONSE
Walter E. Horton Property Owner of: Watauga Heights East Addition	4904 Tamra Court N. Richland Hills, TX 76180 6608 Richardson Drive Block 13 Lot 7	_____
Resident/Lessee	6608 Richardson Drive	_____
Jan Harris Watauga Heights East Addition	6628 Richardson Drive Block 13 Lot 9	_____
Warren Trust, The Property Owner of: Watauga Heights East Addition	3700 Briarhaven Lane Colleyville, TX 76034-8677 6632 Richardson Drive Block 13 Lot 10	_____
Resident/Lessee	6632 Richardson Drive	_____
Douglas R. Taylor Watauga Heights East Addition	6636 Richardson Drive Block 13 Lot 11	_____
Rufe Snow Depot LP Attn: James M. & Susan Pippin Property Owner of: Pippin Addition	800 Elaine Street Keller, TX 76248-2611 6707 Rufe Snow Drive Block 1 Lot 1A	_____

29 Notices were mailed out:

_____ **Do Not Object** _____ **Do Object** _____ **Did Not Reply.**



ZBA CASE 16-01