Total Paid: 8465 2 140

## **Application for Change of Zoning District** City of Harrisonburg, Virginia

Application Fee: \$375.00 plus \$30.00 per acre

Section 1	: Property Owner's Informa	ation			
Name: _		nmunications,	LLC		
Street Addr	-	Email:			
City/State/2	•				
Telephone	(work): 540-434-0331	_ (home or cellular): _	(fax):	540-434-7087	
Section 2	: Owner's Representative Ir	nformation			
Name:	David C. Nahm		W. 1	<u> </u>	
Street Addı		Email:	dcnahm@clark-bradshaw.com		
City/State/2	Zip: Harrisonburg, VA 22802	Name of the state			
Telephone	(work): 540-433-2601	(home or cellular):	(fax):	540-433-5528	
Section 3	: Description of Property				
Location (s	treet address): 1820 Heritage Cer	nter Way			
			otal Land Area (acres or square feet):	2.14	
Existing Zo	oning District: B-2C	Propo	sed Zoning District * : Amend Pro	offers	
Existing Co	omprehensive Plan Designation: Lo	w Density Mixed Res	idential		
	g for conditional rezoning, provide				
Caatlam 1	. Names and Addresses of A	diagont Duanguty	Dymona (Uso sonomato shoot fo	r additional names)	
	ee attached	ajacent rroperty C	Owners (Use separate sheet for	r additional names)	
NOITH.	see attached				
Last.	ee attached				
	ee attached				
Section 5	: Certification t the information contained herein is	true and accurate. Sign	ature: Property C	wner	
reviewed at	nd TIA fees paid. More information	at www.harrisonburgva	ntion shall not be considered accepte <u>1.gov/site-development</u>	d until the TIA has been	
	EQUIRED FOR SUBMISSION				
Co	ompleted Application		Fees Paid		
Su	rvey of Property		Source Deed		
De	escription of Proposed Use	8 a	Proffers (if applicable)		
Ad	ljacent Property Owners				
	A Determination Form OR Accept tter, signed by Public Works	ted TIA			

M, STEVEN WEAVER
MARK B. CALLAHAN
TODD C. RHEA
MATTHEW C. SUNDERLIN
BRADLEY J. MOYERS
DAVID C. NAHM
QUINTON B. CALLAHAN

# CLARK & BRADSHAW, P. C. ATTORNEYS AT LAW 92 NORTH LIBERTY STREET P. O. BOX 71 HARRISONBURG, VIRGINIA 22803-0071

TELEPHONE (540) 433-2601 FACSIMILE (540) 433-5528 WWW.CLARK-BRADSHAW.COM HENRY C. CLARK 1924-2013

V. STEPHEN BRADSHAW RETIRED

ELLEN H. BRODERSEN, C.P.A.

AMY L. RUSH, C.P.A.

(NOT ATTORNEYS)

October 6, 2016

Ms. Debra Fitzgerald, Chair City of Harrisonburg Planning Commission City Hall 409 South Main Street Harrisonburg, VA 22801

## RE: Proposed STL tower on Heritage Center Way

Dear Ms. Fitzgerald:

I represent Tidewater Communications, LLC, and Harrisonburg Radio Group (collectively "HRG") with regard to the Application for Change of Zoning District. Concurrent with this Application, my client has also filed an Application for a Special Use Permit. My client seeks to replace the forty foot (40') radio tower currently in use on its property with a one hundred and twenty foot (120') tower for the following reasons.

HRG is a local radio broadcast company which broadcasts a seven FM and AM channels throughout the area, including WSVA 92.1fm/550am (new/talk), WMQR 96.1fm (adult contemporary, WSIG 96.9 (country), WQPO 101fm (contemporary hits) and WHBG 101.3fm/1360am (sports radio).

Due to the low elevation of the radio station in relation to the surrounding landscape, since its construction in 2009, HRG has suffered from low signal levels. HRG is currently using a 40' self-supporting tower to send out audio signals across the adjacent field to the old WSVA studio location which was originally built in the 1950's.

The current tower is barley tall enough for the station signals to cross the hill crest, causing signals to be unreliable during storms. Additionally, the signal drops when the grass is cut in the adjacent pasture due to the metal of mower. Metal is a reflective surface that interferes with radio waves and since the signal is already weak, when the tractor drives in front of the signal path, HRG loses audio on all 7 stations simultaneously. The taller 120' self-supporting tower would resolve these issues by raising the signal height.

In addition to issues with transmitting the signal, HRG also has problems with reception. WQPO is the primary local station ("LP1") for receiving emergency broadcasts for this area. Being the LP1 station for the emergency broadcast system, HRG must monitor WWWV, a radio station out of Charlottesville, Virginia. Due to height restrictions, that signal is very weak. This

affects the quality of the emergency alerts being sent out, including Amber alerts, flash flood alerts, tornado watches and warnings and periodic tests of the National Emergency Alert System.

As above, raising the height of the tower would resolve the reception issues encountered and would provide for the more reliable reception and transmission of emergency information and notices.

The 120' tower will not have any advertisements on it, nor will it be used for cellular phone transmitters. This tower will be specifically dedicated the purpose of supporting HRG's radio station signals and HRG's ongoing mission to serve this city and the surrounding counties. Whether it's a storm system moving into the area or another blizzard like in 2015, HRG wishes to provide this area with reliable radio signals. HRG wants to ensure that they continue to go above and beyond when it comes to the safety of the community. They feel the increase in the tower height will allow them to better serve the surrounding community.

The property was rezoned in 2007 to B-2C and at that time the owned made certain proffers. The proffers state that "[t]he basic layout as shown on the Proposed Rezoning Plan...is proffered." On the layout proffered, the 40' radio tower is shown. Because the new tower will be in a slightly different location, as shown on the drawings submitted herewith, we respectfully request that the proffers be amended to reflect the current tower location.

Thank you for your attention to this matter. I look forward to answering any questions the Planning Commission may have.

Regards,

David C. Nahm

DCN/lcs

M. STEVEN WEAVER
MARK B. CALLAHAN
TODD C. RHEA
MATTHEW C. SUNDERLIN
BRADLEY J. MOYERS
DAVID C. NAHM
QUINTON B. CALLAHAN

## Clark & Bradshaw, P. C.

ATTORNEYS AT LAW
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P. O. BOX 71

HARRISONBURG, VIRGINIA 22803-0071

TELEPHONE (540) 433-2601 FACSIMILE (540) 433-5528 WWW.CLARK-BRADSHAW.COM HENRY C. CLARK 1924-2013

V. STEPHEN BRADSHAW RETIRED

ELLEN H. BRODERSEN, C.P.A.

AMY L. RUSH, C.P.A.

(NOT ATTORNEYS)

October 7, 2016

Allison Banks City of Harrisonburg 406 South Main Street Harrisonburg, VA 22801

RE: Rezoning of TM Parcel 122-B-2

Dear Ms. Banks:

This letter is submitted with the Application for Zoning Amendment for the property currently zoned B-2C, designated TM# 122-B-2

It is proffered that the estimated 2.14 acre portion of the property zoned as B-2C will be used only for the following uses permitted by right under section 10-3-90:

- 8) Radio and television stations and studios or recording studios.
- 18) Public uses.

It is also proffered that:

- 1. The proffers dated February 5, 2007 are still in effect ("2007 Proffers").
- 2. Proffer number 1 of the 2007 Proffers will be hereby amended for the relocation of the STL radio tower as shown on the attached drawing.

Thank you for your attention to this matter.

Regards,

David C. Nahm

DCN/lcs

2007 Proffers

February 5, 2007

Adam Fletcher City of Harrisonburg 409 South Main Street Harrisonburg, VA 22801

RE: Rezoning of TM Parcel 122-B-2

BE: 1725

Dear Mr. Markel:

This letter is submitted with the Application for Zoning Amendment for the property currently zoned R-1, designated TM# 122-B-2.

It is proffered that the 2.14± acre portion of the property rezoned as B-2C will be used only for the following uses permitted by right under section 10-3-90:

- 8) Radio and television stations and studios or recording studios.
- 18) Public uses.

It is also proffered that:

- 1. The basic layout as shown on the Proposed Rezoning Plan, hereto attached, is proffered.
- 2. Access to the site will be along a proposed driveway commencing at the existing CG-11 entrance on Garbers Church Road onto the Myers' Property (T.M. #117-B-1). The driveway will connect to the proposed site across property owned by the Valley Brethren-Mennonite Heritage Center and join the Center's existing driveway. Negotiations with the Myers family and the Heritage Center are on-going. Both parties have given tacit approval to the concept and believe appropriate easements can be agreed to. Letters of agreement are included with this submission.
- 3. A landscape /tree screen and/or a six foot fence will be provided along portions of the adjoining neighbor's property line (T.M. 117-E-1) as specified by the current resident.
- 4. The proposed building will not exceed 35' in height and will be constructed generally of brick and drivit with an asphalt shingle roof.
- 5. No free standing signs greater than eight feet in height will be installed on the property.
- 6. Site lighting will be diverted downward and will meet City requirements.

Your time and consideration is appreciated.

· > myers

Sincerely,

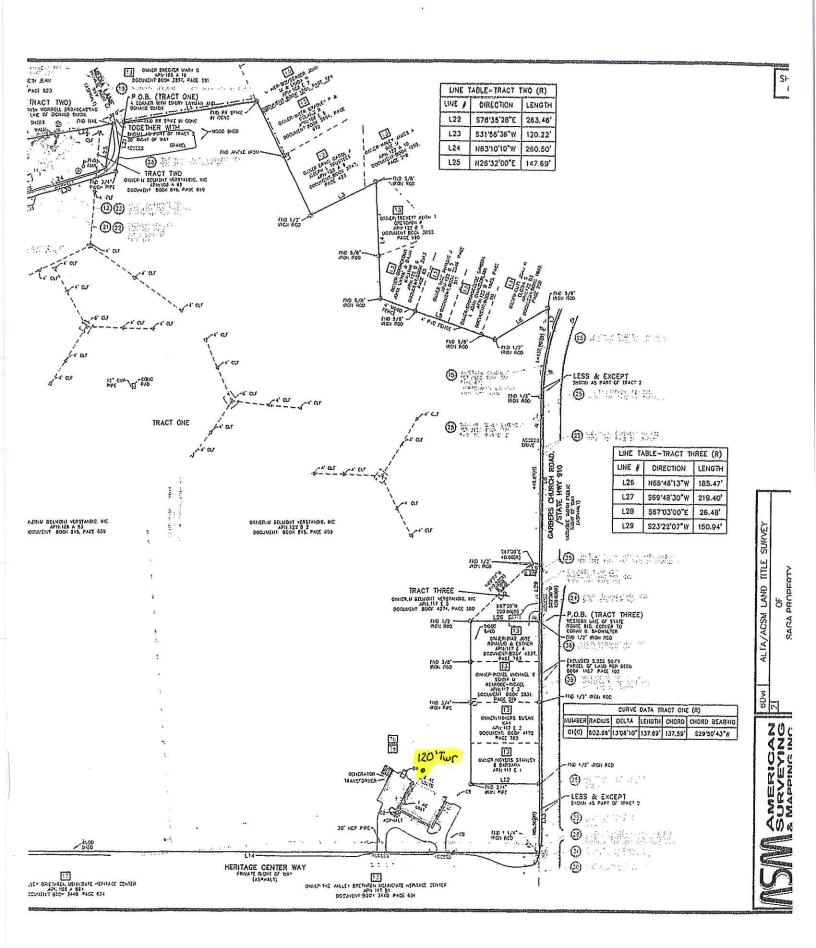
Susanne Myers

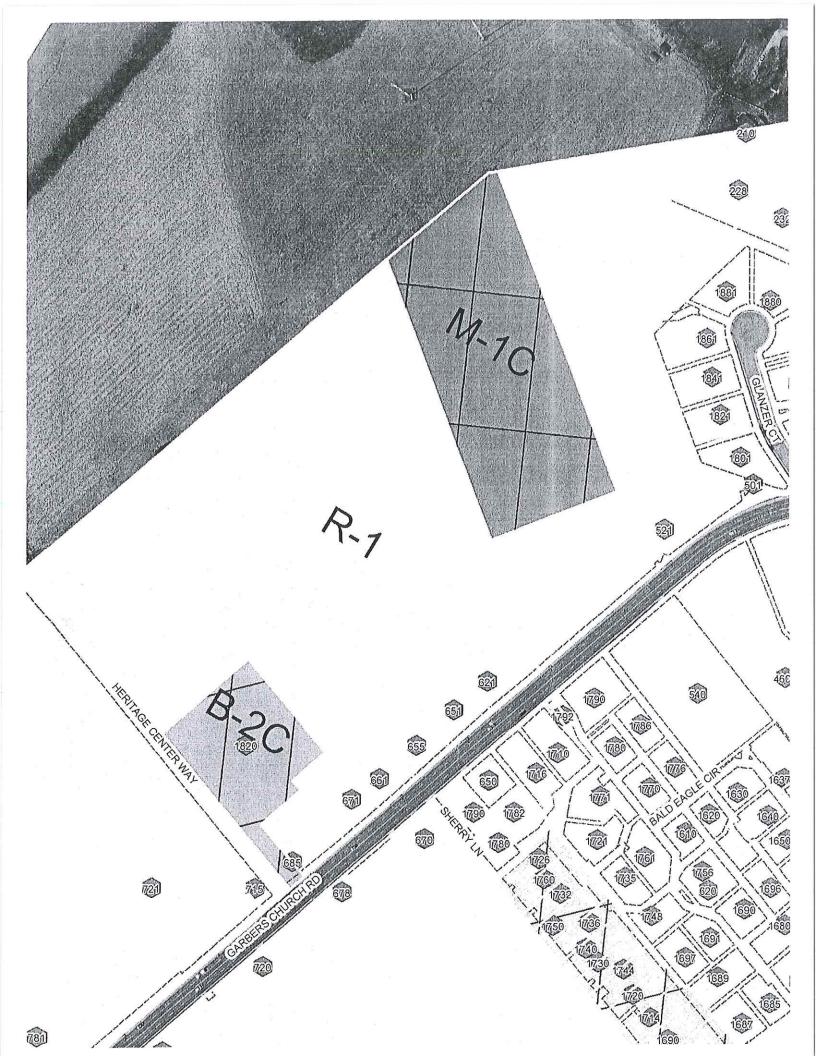
General Manager

## City of Harrisonburg, VA

## Determination of Need for a Traffic Impact Analysis (TIA)

Applicant		Tidewater Comm	ur	nications, LLC	
Name of Project		Por			
Project Address or T	'M #	122-B-2	122-B-2		
Proposed Use in Ger	neral	Radio Tower			
Breakdown of Peak 1	Hour Tri	p Generation by Land Use	per	:ITE:	
Land Use 1.	Туре &	c Code #	nera	al Office Building (730)	
	Unit ba	ase (SF, # units, # empl., et	c.)	SF	
	Quanti	ty		0 added	
	Peak H	t Hour Trip Generation greater of AM or PM and indica		0 - PM	
				te which one)	
Land Use 2.	Туре &	: Code #			
	Unit ba	se (SF, # units, # empl., etc	c.)		
	Quantit	у			
		our Trip Generation eater of AM or PM and ind	ica	te which one)	
Land Use 3,4, etc. (attach additional information as necessary)					
Total Project Peak Hour Trip Generation 0 - PM					
(reserved for City stat	ff)	······································		***************************************	
TIA Required? Yes NoX					
Comments:					
Accepted by:	Z Signa			Date: 10-12-16	





Owner	Address
The Valley Brethren Mennonite	P.O. Box 1563
Heritage Center	Harrisonburg VA 22803
Karen Lee Moyers	671 Garbers Church Rd.
	Harrisonburg VA 22801
Susan Kay Moyers	671 Garbers Church Rd.
	Harrisonburg VA 22801
Michael S. Rickel & Sonya M.	655 Garbers Church Rd.
Rexrode-Ricklel	Harrisonburg VA 22801
Jose Romillio Diaz & Marcela	651 Garbers Church Rd.
Esther Espinoza Martinez	Harrisonburg VA 22801
	345 S. Main St.
333 7 333 5 3	Harrisonburg VA 22801
Heritage Estates	245 Newman Ave.
	Harrisonburg VA 22801
Khalif & Barbara Rashid	540 Garbers Church Rd.
	Harrisonburg VA 22801
Darrell L. & Emily K. Gelser	460 Garbers Church Rd.
	Harrisonburg VA 22801
Norman H. & Dorothy L. Kreider	470 Garbers Church Rd.
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John H. & Gloria S. Rutt	1801 Glanzer Ct.
South the calculation have	Harrisonburg VA 22801
Sandra L. Brownscombe & Joan	1821 Glanzer Ct.
	Harrisonburg VA 22801
	1841 Glanzer Ct.
	Harrisonburg VA 22801
John Wayne Gochenour and	1861 Glanzer Ct.
	Harrisonburg VA 22801
	1881 Glanzer Ct.
	Harrisonburg VA 22801
James A. & Sue M. Halev	232 Rorrer Circle
· · · · · · · · · · · · · · · · · · ·	Harrisonburg VA 22801
Carol A. & Joseph I. Fryin	228 Rorrer Circle
	Harrisonburg VA 22801
	That is still all grant and a state of the s
	210 Rorrer Circle
	Rockingham VA 22801
J. Robert, Jr. & Keri Sue Brunk	2509 Rawley Pike
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Weavers Mennonite Church	2501 Rawley Pike
and demonstrate the control of the c	Rockingham VA 22801
	225 Media Ln
Li Masiliaci	Rockingham VA 22801
Rodney J. Burkholder	406 Sugar Maple Ln
	N
	Harrisonniire va 77xiii
Mary S. Swecker	Harrisonburg VA 22801
Mary S. Swecker	2275 Rawley Pike
Mary S. Swecker  John M. & Linda H. Bomberger	
	The Valley Brethren Mennonite Heritage Center Karen Lee Moyers  Susan Kay Moyers  Michael S. Rickel & Sonya M. Rexrode-Ricklel

Date Application Received: 9/12/16 1HD

Total Paid:

# **Application for Special Use Permit** City of Harrisonburg, Virginia

Fee: \$375.00 plus \$30.00 per acre

NOTE: If applying for a Wireless Telecommunications Facility

allowed only by SUP, then also submit a wireless

telecommuni	cations facility application.
Property Owner's Name: Tidewater Communic	ations, LLC
Street Address: 1820 Heritage Center Way	Email:
City: Harrisonburg State: Vir	ginia Zip: 22801
Telephone: Work <u>540-434-0331</u> Fax <u>54</u>	0-434-7087 Mobile
Owner's Representative: David C. Nahm	
Street Address: 92 N. Liberty Street	Email: dcnahm@clark-bradshaw.com
7/00/02 46 9W: 85 48W	ginia Zip: 22802
· · · · · · · · · · · · · · · · · · ·	0-433-5528 Mobile
receptione: Work 646 466 2661 Fax 64	Widolie
Description of Property and Request	- 200
Location (Street Address): 1820 Heritage Center	er Way
Tax Map Number Sheet: 122 Block: B	Lot: 2 Lot Area: 2.14
Existing Zoning Classification: B-2C	
Special Use being requested: Replace existing r	adio tower with radio tower in excess of 75'
(120') - Sec. 10-3-91 (12)	
Please provide a detailed description of the proposed	(use additional pages may be attached):
see attached	
Names and Addresses of Adjacent Property Owners	(Use separate sheet for additional names)
North: see attached	
South: see attached East: see attached	
East: see attached West: see attached	
Certification: I certify that the information contains	d herein is true and accurate.
Signature: Property Owner Representative	
ITEMS REQUIRED FOR SUBMISSION	
Completed Application	Fees Paid
Site Plan	_
Description of Proposed Use	
Adjacent Property Owners	

M. STEVEN WEAVER
MARK B. CALLAHAN
TODD C. RHEA
MATTHEW C. SUNDERLIN
BRADLEY J. MOYERS
DAVID C. NAHM
QUINTON B. CALLAHAN

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V. STEPHEN BRADSHAW RETIRED

ELLEN H. BRODERSEN, C.P.A.
AMY L. RUSH, C.P.A.
(NOT ATTORNEYS)

November 2, 2016

Ms. Alison Banks, Zoning Administrator/Senior Planner City of Harrisonburg City Hall 409 South Main Street Harrisonburg, VA 22801

#### RE: Proposed STL tower on Heritage Center Way: Alternatives Considered

Dear Ms. Banks:

Thank you for taking the time to discuss my client's Applications for a Special Use Permit and Rezoning yesterday. We appreciated the chance to go over everything with you and Ms. Dang. One of the items that we discussed concerned the alternatives to the new STL tower that my client considered.

My client did consider other options to the new STL tower. As detailed in the letter attached to the Applications, due to the topography, the current tower encounters interruptions in its signal fairly regularly. The primary alternative that my client considered was running a fiber optic cable under the ground from the radio station on Heritage Way to the transmitter building on 130 Media Lane (which is located in Rockingham County).

Unfortunately there were several problems with this method. Between the Heritage Way and Medial Lane buildings stand several radio towers, each of which has a series of metal wires radiating out 350', like the spokes of a wheel. There are also copper coaxial cables under the ground which have been there since the 1950s. Running the fiber optic cable across this land without running across the radio tower wires or the coaxial wires would be nearly impossible. Additionally, the distance would require a power booster box in the middle of the property which would be attractive to lightening and which, due to the proximity to the other underground wires and metal, could cause extensive damage to the radio towers and surrounding property.

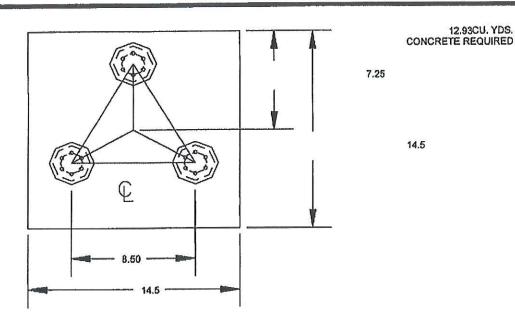
One other option considered was transmitting the signal over the internet to the transmitter building. However, this would cause the radio signal to be lost anytime there was an interruption in internet service. In fact, while my client was working on drafting a letter for you, the internet went out at the radio station due to a break in the line.

Thank you again for your time. Please let me know if you have any other questions or concerns.

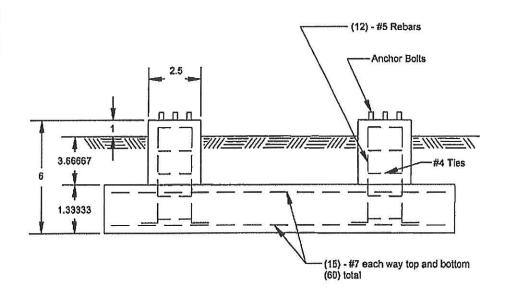
Regards,

David C. Nahm

DCN/lcs

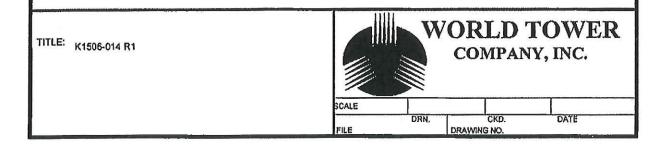


PRELIMINARY DESIGN NOT FOR CONSTRUCTION



#### GENERAL NOTES

- 1. CONCRETE TO HAVE 4000 PSI MIN. COMPRESSIVE STRENGTH AFTER 28 DAYS. 2. REINFORCEMENT STEEL IS DEFORMED AND MEETS THE REQUIREMENTS OF ASTM A615 GRADE 60.
- 3. EMBEDDED STEEL TO HAVE 3" MIN. CONCRETE COVER. 4. DESIGN BASED ON NORMAL SOILS



## TYPE 120.0 ft Lightning Rod 6 FT DISH GRADE SR 1 1/2 Tower is located in Rockingham County, Virginia. Tower designed for Exposure C to the TIA-222-G Standard. Tower designed for a 90.00 mph basic wind in accordance with the TIA-222-G Standard. Tower is also designed for a 30.00 mph basic wind with 0.75 in ice. Ice is considered to increase in thickness with height. 12 @ 3.20833 SR 7/8 SR 7/8 SR 3/4 SR 3/4 SR 3/4 100.0 fl 5. Tower Structure Class II. 6. Topographic Category 1 with Crest Height of 0,00 ft 7. TOWER RATING: 95.4% SR2 11 0.08 A572-50 60.0 ft A36 Δ P3x.216 7 L1 3/4x1 3/4x1/8 ALL REACTIONS ARE FACTORED NA. NA. S.5 (6) 85. 40.0 ft MAX. CORNER REACTIONS AT BASE: DOWN: 88 K SHEAR: 6K Z, p UPLIFT: -77 K SHEAR: 5 K AXIAL 20 K 20.0 N SHEAR MOMENT 74 kip-ft 1 K TORQUE 0 kip-ft 30.00 mph WIND - 0.75 in ICE P3.5x.226 AXIAL 7 K MOMENT SHEAR 630 kip-ft 0.0 N TORQUE 0 kip-ft Top Girts Bottom Girts Horizontals Sec. Horizontals ace Width (f) 8 Panels @ (ft) REACTIONS - 90.00 mph WIND agonal Grade

World Tower Company	<sup>Job:</sup> 120' WSSTP / K1506-014 R1 <sup>Project:</sup> Harrisonburg, VA			
1213 Compressor Drive				
Mayfield, Kentucky 42066	Client:	Drawn by: kirk	App'd:	
Phone: (270) 247-3642 FAX: www.worldlower.com	Code: TIA-222-G	Date: 06/12/15	Scale: N	
	Path; CATOWERS BANGLES SPIN	Dwg No.		

**DESIGNED APPURTENANCE LOADING** 

**MATERIAL STRENGTH** 

**TOWER DESIGN NOTES** 

A36

6 FT DISH

6 FT DISH

GRADE

**ELEVATION** 

120

120

58 ksi

ELEVATION

120

120

Fy



Тах Мар	Owner	Address
117 B 1 (Harrisonburg)	The Valley Brethren Mennonite	P.O. Box 1563
108(A)89A1 (Rockingham)	Heritage Center	Harrisonburg VA 22803
117 E 1 (Harrisonburg)	Karen Lee Moyers	671 Garbers Church Rd.
30		Harrisonburg VA 22801
117 E 2 (Harrisonburg)	Susan Kay Moyers	671 Garbers Church Rd.
Seed		Harrisonburg VA 22801
117 E 3 (Harrisonburg)	Michael S. Rickel & Sonya M.	655 Garbers Church Rd.
	Rexrode-Ricklel	Harrisonburg VA 22801
117 E 4 (Harrisonburg)	Jose Romillio Diaz & Marcela	651 Garbers Church Rd.
(85)	Esther Espinoza Martinez	Harrisonburg VA 22801
117 E 5 (Harrisonburg)	Tidewater Communications, LLC	
117 D 2 (Harrisonburg)	City of Harrisonburg	345 S. Main St.
117 F 4 (Harrisonburg)		Harrisonburg VA 22801
116 C 1 (Harrisonburg)	Heritage Estates	245 Newman Ave.
er.		Harrisonburg VA 22801
123 H 5 (Harrisonburg)	Khalif & Barbara Rashid	540 Garbers Church Rd.
		Harrisonburg VA 22801
123 H 4 (Harrisonburg)	Darrell L. & Emily K. Gelser	460 Garbers Church Rd.
	20	Harrisonburg VA 22801
123-H-1 (Harrisonburg)	Norman H. & Dorothy L. Kreider	470 Garbers Church Rd.
		Harrisonburg VA 22801
122 B 3 (Harrisonburg)	John H. & Gloria S. Rutt	1801 Glanzer Ct.
		Harrisonburg VA 22801
122 B 4 (Harrisonburg)	Sandra L. Brownscombe & Joan	1821 Glanzer Ct.
	Chamberlain	Harrisonburg VA 22801
122 B 5 (Harrisonburg)	Phyllis J. Wine	1841 Glanzer Ct.
		Harrisonburg VA 22801
122 B 6 (Harrisonburg)	John Wayne Gochenour and	1861 Glanzer Ct.
	Dawn L. Kalman	Harrisonburg VA 22801
122 B 7 (Harrisonburg)	Keith T. & Gretchen P. Trevvett	1881 Glanzer Ct.
		Harrisonburg VA 22801
122 A 10 (Harrisonburg)	James A. & Sue M. Haley	232 Rorrer Circle
		Harrisonburg VA 22801
122 A 9 (Harrisonburg)	Carol A. & Joseph L. Ervin,	228 Rorrer Circle
	Trustees of The Carol A. Ervin	Harrisonburg VA 22801
	Trust Agreement dated 2/22/90	
108E(1)8 (Rockingham)	Bradley P. & Melanie R. Kiser	210 Rorrer Circle
122 A 8 (Harrisonburg)		Rockingham VA 22801
108(A)67 (Rockingham)	J. Robert, Jr. & Keri Sue Brunk	2509 Rawley Pike
108(A)67A (Rockingham)		Rockingham VA 22801
108(A)13 (Rockingham)	Weavers Mennonite Church	2501 Rawley Pike
	c/o Pastor/Trustees	Rockingham VA 22801
108(A)66 (Rockingham)	James E. & Lavonne E. Rusmisel	225 Media Ln
		Rockingham VA 22801
108(A)15 (Rockingham)	Rodney J. Burkholder	406 Sugar Maple Ln
		Harrisonburg VA 22801
108(A)16 (Rockingham)	Mary S. Swecker	2275 Rawley Pike
		Rockingham VA 22801
108E(1)7 (Rockingham)	John M. & Linda H. Bomberger	174 Rorrer Circle
	as Adjacent Landowners 16 911 docy	Rockingham VA 22801