

Jennifer Tabakin
Town Manager

E-mail: jtabakin@townofgb.org
www.townofgb.org



Town Hall, 334 Main Street
Great Barrington, MA 01230

Telephone: (413) 528-1619 x2
Fax: (413) 528-2290

TOWN OF GREAT BARRINGTON MASSACHUSETTS

OFFICE OF THE TOWN MANAGER

SELECTMEN'S MEETING

MONDAY, NOVEMBER 25, 2013, 7:00 PM

TOWN HALL, 334 MAIN STREET

ORDER OF AGENDA

1. **CALL TO ORDER:**
2. **APPROVAL OF MINUTES:**
 - October 28, 2013 Regular Meeting
 - November 12, 2013 Regular Meeting
3. **SELECTMEN'S ANNOUNCEMENTS/STATEMENTS:**
 - A. GENERAL COMMENTS BY THE BOARD.
 - B. DISCUSSION OF UPCOMING MEETING CALENDAR.
4. **TOWN MANAGER'S REPORT:**
 - A. FOLLOW UP ITEMS.
 - B. DEPARTMENT UPDATES
 - UPDATE ON DEWEY COURTHOUSE
 - SENIOR CENTER WORK
 - WEB BASED BUILDING PERMITS SYSTEM
 - COMMUNITY DEVELOPMENT STRATEGY
 - REST OF RIVER COMMUNITIES UPDATE
5. **LICENSES OR PERMITS:**
 - A. GEORGE LAYE/GUTHRIE CENTER FOR TWO (2) ONE DAY BEER AND WINE LICENSES FOR NOVEMBER 26 AND 28, 2013 FROM 5:00 PM – 12:00 MIDNIGHT AT 2 VAN DEUSENVILLE ROAD, GREAT BARRINGTON, MA. (DISCUSSION/VOTE)
6. **NEW BUSINESS:**
 - A. WOOD ANCHOR, INC. D/B/A **BELL & ANCHOR**, BETTINA SCHWARTZ, MANAGER FOR **A CHANGE OF DBA** TO WOOD ANCHOR, INC. D/B/A **PRAIRIE WHALE**, BETTINA SCHWARTZ, MANAGER AT 178 MAIN STREET, GREAT BARRINGTON, MA. (DISCUSSION/VOTE)

B. BOS – RECOMMENDATION TO THE BUILDING INSPECTOR ON THE BUILDING PERMIT APPLICATION OF PITTSFIELD CELLULAR TELEPHONE COMPANY D/B/A VERIZON WIRELESS TO SWITCH OUT TWO (2) OF ITS TWELVE (12) ANTENNAS AT 425 STOCKBRIDGE ROAD, GREAT BARRINGTON, MA. (DISCUSSION/VOTE)

C. BOS – LOCATION OF TOWN MEETING. (DISCUSSION/VOTE)

D. BOS – LOCATION OF MINI TOWN MEETING. (DISCUSSION/VOTE)

E. BOS – CLEAN AIR ACT RESOLUTION. (DISCUSSION/VOTE)

7. OLD BUSINESS:

A. BOS- PLASTIC BAG REDUCTION BYLAW- MARKETING PLAN. (DISCUSSION/VOTE)

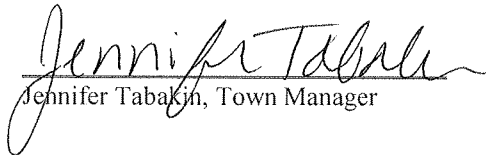
8. CITIZEN SPEAK TIME:

9. SELECTMEN'S TIME:

10. MEDIA TIME:

11. ADJOURNMENT:

NEXT SELECTMEN'S REGULAR MEETING: MONDAY, DECEMBER 9, 2013 AT 7:00 P.M.


Jennifer Tabakin, Town Manager

**THIS MEETING MAY BE RECORDED BY MEMBERS OF THE MEDIA.
THE LISTING OF AGENDA ITEMS ARE THOSE REASONABLY ANTICIPATED BY THE
CHAIR WHICH MAY BE DISCUSSED AT THE MEETING. NOT ALL ITEMS LISTED MAY IN
FACT BE DISCUSSED AND OTHER ITEMS NOT LISTED MAY ALSO BE BROUGHT UP FOR
DISCUSSION TO THE EXTENT PERMITTED BY LAW.**

MEETINGS IN DECEMBER

(Scheduled as of 11/21/13)

Tuesday, November 26th at 10:30 AM Board of Assessors- Town Hall

Tuesday, November 26th at 7 PM Community Preservation Committee- GB Fire Station

Wednesday, November 27th at 1:30 PM Council on Aging- Claire Teague Senior Center

Monday, December 2nd at 6 PM Board of Selectmen & Finance Committee Special Meeting- GB Fire Station

Wednesday, December 4th at 5:15 PM Tree Committee- Mason Library

Wednesday, December 4th at 7 PM Community Development Forum- Town Hall

Thursday, December 5th at 7:30 PM Board of Health- Town Hall

Monday, December 9th at 8:30 AM Lake Mansfield Improvement Task Force- Town Hall

Monday, December 9th at 5 PM Parks Commission- Mason Library

Monday, December 9th at 7 PM Board of Selectmen Regular Meeting- Town Hall

Tuesday, December 10th at 5:30 PM Republican Town Committee- Town Hall

Thursday, December 12th at 5:30 PM Library Trustees- Mason Library

Thursday, December 12th at 7 PM Planning Board- Town Hall

Wednesday, December 18th at 7 PM Conservation Commission- Town Hall

Thursday, December 19th at 2:15 PM Great Barrington Housing Authority- Bernard Gibbons Drive

Thursday, December 19th at 6:30 PM Historic District Commission- Town Hall

Thursday, December 19th at 7:30 PM ZBA- Town Hall

FEE: \$25.00 x 2 = 50 Pd.

DATE: 11/12/13



TOWN OF GREAT BARRINGTON

APPLICATION FOR ONE DAY LIQUOR LICENSE

TO THE LICENSING AUTHORITY:

The undersigned hereby applies for a License in accordance with the provisions relating thereto:

APPLICANT'S NAME: George Lape

ORGANIZATION NAME: Guthrie Center

APPLICANT'S ADDRESS: 2 Van Deusenville Rd.

Type of license being Applied for:

ONE DAY BEER & WINE

ONE DAY ALL ALCOHOLIC

EVENT: Arlo Guthrie Concerts

DATE: 11/26, 11/28 START TIME: 5:00 pm END TIME: 12:00 MIDNIGHT

LOCATION: 2 Van Deusenville Rd.

EVENT ON TOWN PROPERTY? Yes _____ No

IF YES, PLEASE ATTACH CERTIFICATE OF LIQUOR LIABILITY INSURANCE.

In accordance with the rules and regulations made under authority of said Statutes.

George Lape
Signature of Applicant

2 Van Deusenville Rd.
Mailing Address

413 528-1955
Telephone Number

Decision:
Approved _____

Denied _____

Postponed _____

11/12/13

Dear Board of Selectman -

I am unable to attend selectman's meeting on November 25 for our Beer & Wine license due to a show with A&L on the same night and the show starts at 6:00 P.M. Thank you for any consideration.

Take Care

George Ferguson

The Commonwealth of Massachusetts
Alcoholic Beverages Control Commission
239 Causeway Street
Boston, MA 02114
www.mass.gov/abcc

PETITION FOR CHANGE OF LICENSE

046400096

ABCC License Number

Great Barrington

City/Town

The licensee Wood Anchor, Inc. d/b/a Bell & Anchor respectfully petitions the Licensing Authorities to approve the following transactions:

- | | |
|---|--|
| <input type="checkbox"/> Change of Manager | <input type="checkbox"/> Alteration of Premises |
| <input type="checkbox"/> Pledge of License/Stock | <input type="checkbox"/> Cordial & Liqueurs |
| <input type="checkbox"/> Change of Corporate Name | <input type="checkbox"/> Change of Location |
| <input checked="" type="checkbox"/> Change of DBA | <input type="checkbox"/> Change of License Type (\$12 ONLY, e.g. "club" to "restaurant") |

Change of Manager

Last-Approved Manager:

Requested New Manager:

Pledge of License /Stock

Loan Principal Amount: \$ Interest Rate:

Payment Term: Lender:

Change of Corporate Name/DBA

Last-Approved Corporate Name/DBA:

Requested New Corporate Name/DBA:

Change of License Type

Last-Approved License Type:

Requested New License Type:

Alteration of Premises: (must fill out attached financial information form)

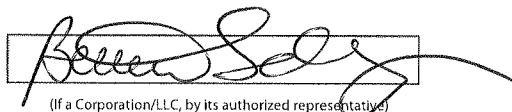
Description of Alteration:

Change of Location: (must fill out attached financial information form)

Last-Approved Location:

Requested New Location:

Signature of Licensee


(If a Corporation/LLC, by its authorized representative)

Date Signed

11.18.13

Handwritten: Name Change

The Commonwealth of Massachusetts
Town of Great Barrington
DBA

No. 36-12

New
Renew

BUSINESS CERTIFICATE

In conformity with the provisions of Chapter one hundred and ten, Section five of the General Laws, as amended, the undersigned hereby declare(s) that a business under the title of

Prairie Whale
is conducted at 178 Main Street, GB 01230
for the purpose of (type of business) Restaurant
in Great Barrington, by the following person(s).

Bettina Schwartz + Mark Firth

Please be advised that the attached Business Certificate is only valid if the business has followed the Town of Great Barrington Zoning Bylaws. It is the responsibility of the business owner to be sure that the business meets all the qualifications as required by law.

It is the responsibility of the person who has filed such a certificate, upon his discontinuing such business or changing location, to file a statement in the office of the Town Clerk and pay the fee per Mass General Law, C. 110, §5.

I have read the above statement and understand the terms of the Business Certificate provided to me by the Town clerk's Office.

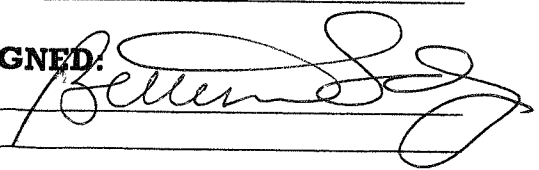
FULL NAME

Bettina Schwartz
~~XXXXXXXXXXXX~~

Residence Street Address and Mailing Address

111 Chestnut Hill Rd
P.O. Box 367
Monterey, MA 01245

SIGNED:



Phone#: 413-528-1988

Federal Tax ID#:

Wood Anchor, Inc
Corporate Vote/Shareholder Meeting

Date & time: August 29, 2013 2pm

Place: 178 Main Street, Great Barrington, MA 01230

Present:

Bettina Schwartz, President, Wood Anchor, Inc.


Mark Firth, Shareholder, Wood Anchor, Inc.

The purpose of this meeting is to decide on a new DBA name for the restaurant formerly known as Bell & Anchor, due to a trademark lawsuit initiated by another Bell & Anchor in Sag Harbor, LI.

Prairie Whale is the proposed new name and both shareholders are present and vote Aye to change Wood Anchor's DBA to Prairie Whale.

Approved:


8/29/13
Bettina Schwartz


8/29/13
Mark Firth

President, Wood Anchor Inc.



TOWN OF GREAT BARRINGTON
MASSACHUSETTS

OFFICE OF PLANNING AND COMMUNITY DEVELOPMENT

Christopher Rembold, AICP
Town Planner

Ph: (413) 528-1619, ext. 7
crembold@townofgb.org

EXECUTIVE SUMMARY

TITLE: Pittsfield Cellular Telephone Company, d/b/a Verizon Wireless
Modifications to Cellular Equipment at 425 Stockbridge Road.

BACKGROUND: A building permit application has been filed to swap two existing panel antennas with two new panel antennas on the existing the cellular tower 425 Stockbridge Road. There are no structural changes to the tower itself.

The tower is an existing previously approved installation according to the §9.3, the Wireless Telecommunications Overlay District (WTOD), and the proposal also conforms with applicable zoning.

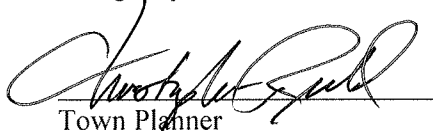
Per §9.3.11, a copy of this application is filed with the Planning Board and Board of Selectmen for their review. The Boards have 30 days to provide comments to the Building Inspector if they desire. The 30-day period expires on December 4, 2013.

The Development Review Team has no issues with this application.

FISCAL IMPACT: None

RECOMMENDATION: No action is required. However, if the Selectboard wishes to comment, provide comments to Building Inspector not later than December 4, 2013.

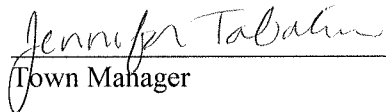
PREPARED BY:


Town Planner

DATE:

11/15/2013

APPROVED BY:


Town Manager

DATE:

11/15/2013

**Shatz,
Schwartz and
Fentin, P.C.**

Counsellors at Law

RECEIVED
TOWN MANAGER

NOV 14 2013

BOARD OF SELECTMEN
GREAT BARRINGTON, MA

November 12, 2013

Planning Board
Town of Great Barrington
334 Main Street
Great Barrington, MA 01230

Board of Selectmen
Town of Great Barrington
334 Main Street
Great Barrington, MA 01230

Re: Pittsfield Cellular Telephone Company d/b/a Verizon Wireless
Tower located at 425 Stockbridge Road, Great Barrington, MA

Dear Board Members:

Throughout its network, Verizon Wireless is upgrading and enhancing its service to provide 4G technology by swapping antenna panels at its existing locations with new antenna panels. With regard to the above location, Verizon Wireless is proposing to switch out two (2) of its existing twelve (12) antennas. The new replacement antenna panels look virtually the same as the antenna panels they will be replacing and will be located in the same location.

Pursuant to Section 9.3.11 of the Zoning Bylaw, I am attaching a copy of the building permit application sent to the Building Inspector on November 4, 2013, for your review. Please contact Mr. Edwin May within the next 30 days with any questions or comments you may have regarding this application.

Thank you for your assistance.

Very truly yours,



Ellen W. Freyman

EWf/dmc
Enclosures

cc: Mr. Edwin May, Building Inspector

U\U108\Verizon\2013\Great Barrington 2\LT BoS & PB re BP Appl.111213



The Commonwealth of Massachusetts
State Board of Building Regulations &
Standards
Massachusetts State Building Code 780 CMR



TOWN OF GREAT BARRINGTON
Town Hall, 334 Main Street
Great Barrington, MA 01230

APPLICATION TO CONSTRUCT, REPAIR, RENOVATE, CHANGE THE USE OR OCCUPANCY OF, OR DEMOLISH ANY BUILDING OTHER THAN A ONE OR TWO FAMILY DWELLING

This Section for Official Use Only

Building Commissioner _____

Date Approved _____

SECTION 1-SITE INFORMATION

1.1 Property Address:
425 Stockbridge Road
Great Barrington, MA

1.2 Assessors' Map & Parcel #:
Map Number 029 Parcel Number 5

1.3 Zoning Information:
Zoning District _____ Proposed Use _____

1.4 Property Dimensions:
Lot Area (Sq. Feet) _____ Frontage (Ft.) _____

1.6 Building Setbacks (feet)

Front Yard		Side Yards		Rear Yard	
Required	Provided	Required	Provided	Required	Provided
		/	/		

1.7 Water Supply (M.G.L. 40 § 54)
Public Private

1.8 Sewage Disposal System
Public On Site Disposal System

1.5 Flood Zone Information
Zone _____ Outside Zone

SECTION 2-PROPERTY OWNERSHIP / AUTHORIZED AGENT:

2.1 Owner of Record: Tower
SBA Network Services, Inc.
NAME (print)

x see attached letter
SIGNATURE

Address:
5900 Broken Sound Pkwy, NW
Boca Raton, FL 33487

2.2 Authorized Agent:
Pittsfield Cellular Telephone Company
d/b/a Verizon Wireless
NAME (print)

x by:
SIGNATURE Ellen W. Freyman, authorized agent

Telephone:
Address:
99 East River Drive
East Hartford, CT 06108
Telephone: (413) 737-1131

SECTION 3-CONSTRUCTION SERVICES FOR PROJECTS LESS THAN 35,000 CUBIC FEET OF ENCLOSED SPACE

3.1 Licensed Construction Supervisor: Berkshire Wireless

Dennis Teichert
Licensed Construction Supervisor
480 Pleasant Street, Lee, MA 01238
Address
X
Signature

Not Applicable
CS 71466
License Number
04/14/2015
Expiration Date
(413) 441-4837
Telephone

3.2 Registered Home Improvement Contractor:

Company Name

Address
X
Signature

Not Applicable
Registration

Expiration Date
Telephone

SECTION 4 - WORKERS' COMPENSATION INSURANCE AFFIDAVIT (M.G.L.c. 152, § 25c (6))

Workers' Compensation Insurance Affidavit must be completed and submitted with this application. Failure to provide this affidavit will result in the denial of the issuance of the Building Permit

Signed Affidavit Attached: Yes No

SECTION 5 - PROFESSIONAL DESIGN AND CONSTRUCTION SERVICES - FOR BUILDINGS AND STRUCTURES SUBJECT TO CONSTRUCTION CONTROL PURSUANT TO 780 CMR 116 (CONTAINING MORE THAN 35,000 C.F. OF ENCLOSED SPACE)

5.1 Registered Architect:

<hr/>		<i>Not Applicable</i> <input type="checkbox"/>
Name (Registrant) <hr/>		Registration Number <hr/>
Address <hr/>		Expiration Date <hr/>
X Signature <hr/>		Telephone <hr/>

5.2 Registered Professional Engineer:

<hr/>		<hr/>
Name <hr/>		Area of Responsibility <hr/>
Address <hr/>		Registration Number <hr/>
X Signature <hr/>		Expiration Date <hr/>

<hr/>		<hr/>
Name <hr/>		Area of Responsibility <hr/>
Address <hr/>		Registration Number <hr/>
X Signature <hr/>		Expiration Date <hr/>

<hr/>		<hr/>
Name <hr/>		Area of Responsibility <hr/>
Address <hr/>		Registration Number <hr/>
X Signature <hr/>		Expiration Date <hr/>

<hr/>		<hr/>
Name <hr/>		Area of Responsibility <hr/>
Address <hr/>		Registration Number <hr/>
X Signature <hr/>		Expiration Date <hr/>

5.3 General Contractor

<hr/>		<i>Not Applicable</i> <input type="checkbox"/>
Company Name) <hr/>		
Address <hr/>		
X Signature <hr/>		

SECTION 6 - DESCRIPTION OF PROPOSED WORK (Check all applicable)

New Construction <input type="checkbox"/>	Existing Building <input type="checkbox"/>	Repairs <input type="checkbox"/>	Alterations <input type="checkbox"/>	Addition <input type="checkbox"/>
--	--	----------------------------------	--------------------------------------	-----------------------------------

Accessory Bldg. <input type="checkbox"/>	Demolition <input type="checkbox"/>	Other <input checked="" type="checkbox"/> Specify: <u>Upgrading antennas</u>
--	-------------------------------------	--

Brief Description of Proposed Work:

Verizon Wireless is removing two (2) of the existing antenna panels and replacing them with two (2) upgraded antenna panels, on an existing telecommunications tower.

SECTION 7 - USE GROUP AND CONSTRUCTION TYPE

USE GROUP (Check as applicable)						CONSTRUCTION TYPE			
A Assembly	<input type="checkbox"/>	A-1 A-4	<input type="checkbox"/>	A-2 A-5	<input type="checkbox"/>	A-3	<input type="checkbox"/>	1A	<input type="checkbox"/>
B Business	<input type="checkbox"/>							1B	<input type="checkbox"/>
E Educational	<input type="checkbox"/>							2A	<input type="checkbox"/>
F Factory	<input type="checkbox"/>	F-1	<input type="checkbox"/>	F-2	<input type="checkbox"/>			2B	<input type="checkbox"/>
H High Hazard	<input type="checkbox"/>							2C	<input type="checkbox"/>
I Institutional	<input type="checkbox"/>	I-1	<input type="checkbox"/>	I-2	<input type="checkbox"/>	I-3	<input type="checkbox"/>	3A	<input type="checkbox"/>
M Mercantile	<input type="checkbox"/>							3B	<input type="checkbox"/>
R Residential	<input type="checkbox"/>	R-1	<input type="checkbox"/>	R-2	<input type="checkbox"/>	R-3	<input type="checkbox"/>	4	<input type="checkbox"/>
S Storage	<input type="checkbox"/>	S-1	<input type="checkbox"/>	S-2	<input type="checkbox"/>			5A	<input type="checkbox"/>
								5B	<input type="checkbox"/>
U Utility	<input type="checkbox"/>	Specify: _____							
M Mixed Use	<input type="checkbox"/>	Specify: _____							
S Special Use	<input checked="" type="checkbox"/>	Specify: <u>Cell Site</u>							

COMPLETE THIS SECTION IF EXISTING BUILDING UNDERGOING RENOVATIONS, ADDITION AND/OR CHANGE IN USE

Existing Use Group: _____	Proposed Use Group: _____
Existing Hazard Index 780 CMR 34: _____	Proposed Hazard Index 780 CMR 34: _____

SECTION 8 - BUILDING HEIGHT AND AREA

BUILDING AREA	Existing (if applicable)	Proposed
Number of Floors or Stories (include basement levels)		
Floor Area per Floor (sf)		
Total Area (sf)		
Total Height (ft)		

SECTION 9 - STRUCTURAL PEER REVIEW (780 CMR 110.11)

Independent Structural Engineering Structural Peer Review Required Yes No

SECTION 10a - OWNER AUTHORIZATION - TO BE COMPLETED WHEN OWNER'S AGENT OR CONTRACTOR APPLIES FOR BUILDING PERMIT

I, see attached letter _____, as Owner of the subject property hereby authorize _____ to act on my behalf, in all matters relative to work authorized by this building permit application.

Signature of Owner

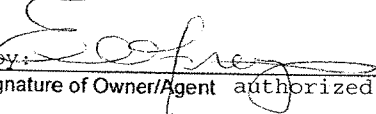
Date

SECTION 10B - OWNER/AUTHORIZED AGENT DECLARATION

I, Ellen W. Freyman on behalf of Pittsfield Cellular Telephone Company d/b/a Verizon Wireless as Owner/Authorized Agent hereby declare that the statements and information on the foregoing application are true and accurate, to the best of my knowledge and belief.
Signed under the pains and penalties of perjury.

Ellen W. Freyman

Print Name

X by: 

Signature of Owner/Agent authorized agent

11 | 4 | 13

Date

SECTION 11 - ESTIMATED CONSTRUCTION COSTS

Item	Estimated Cost (Dollars to be completed by permit applicant)	Official Use Only	
1. Building	4,000		
2. Electrical			
3. Plumbing			
4. Mechanical (HVAC)			
5. Fire Protection			
6. Total+ (1+2+3+4+5)	4000.		



5900 Broken Sound Parkway NW
Boca Raton, FL 33487 2197

T + 561 996 7670
F + 561 996 7626

sbaonline.com

LETTER OF AUTHORIZATION

Date: October 29, 2013

SBA Site ID: MA13743-A-05/WSBS

Property Located at: 425 Stockbridge Rd, Great Barrington, MA 01230

THE CITY/COUNTY OF: GREAT BARRINGTON / BERKSHIRE

APPLICATION FOR ZONING/USE/BUILDING PERMIT

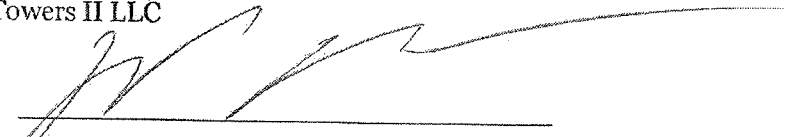
To Whom It May Concern:

This letter authorizes Verizon Wireless and its authorized agents to file for all necessary zoning, planning and building permits (local, state and federal) for the purposes of installing, operating and maintaining a telecommunications facility at the site/property referenced above on behalf of Berkshire Broadcasting.

All approval conditions that may be granted to Verizon Wireless in connection with this facility relating to this specific application are the sole responsibility of Verizon Wireless.

Thank you,

SBA Towers II LLC

By: 

Name: Jason Silberstein

Its: Sr. VP, Property Management

Date: 10 / 29 / 2013

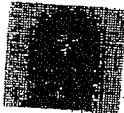
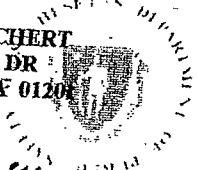


Massachusetts - Department of Public Safety
Board of Building Regulations and Standards

Construction Supervisor

License: CS-071466

DENNIS W TEICHERT
263 MOUNTAIN DR
PITTSFIELD MA 01201



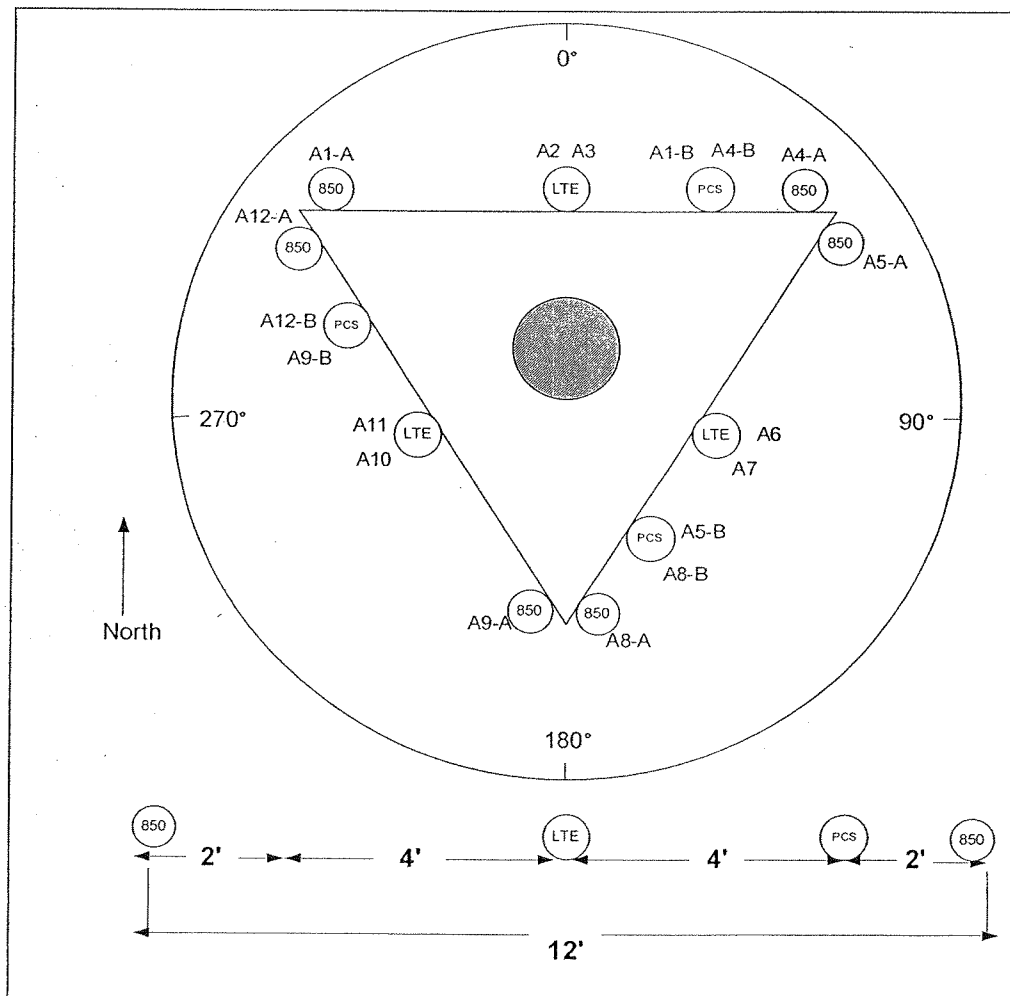
Thomas M. Kelly
Commissioner

Expiration
04/14/2015

SITE NAME	GREAT BARRINGTON 2 MA		ECP - CELL #	3	180
LATITUDE	42-12-50.60 N		LONGITUDE	73-20-41.00 W	
Additional Comments: 2013 LTE Optimization. Replace 700 LTE Alpha / Beta antennas. Azimuth change on 700 LTE Alpha / Beta. DT on 700 LTE Gamma. 12 antennas, 12 lines.			SAVE BUTTON		
			STRUCTURE TYPE	LATTICE	
700 Mhz - LTE Current Config	ALPHA		BETA		GAMMA
EQUIPMENT TYPE	700 MHz eNodeB + TRDU		700 MHz eNodeB + TRDU		700 MHz eNodeB + TRDU
ANTENNA TYPE	LNX-6512DS-T0M		LNX-6512DS-T0M		LNX-6512DS-T0M
QTY OF ANTENNAS PER FACE	1		1		1
ORIENTATION (DEG)	30		140		280
DOWN TILT (MECH/DEG)	0		0		0
RAD CTR (FT AGL)	140		140		140
TMA - QTY / MODEL					
DIPLEXER - QTY / MODEL					
MCPA BRICKS (QTY)					
RRH - QTY/MODEL					
SECTOR DISTRIBUTION BOX					
MAIN DISTRIBUTION BOX					
700 Mhz - LTE Future Config	ALPHA		BETA		GAMMA
EQUIPMENT TYPE	700 MHz eNodeB + TRDU		700 MHz eNodeB + TRDU		700 MHz eNodeB + TRDU
ANTENNA TYPE	SLCP 2X6014		SLCP 2X6014		LNX-6512DS-T0M
QTY OF ANTENNAS PER FACE	1		1		1
ORIENTATION (DEG)	10		150		280
DOWN TILT (MECH/DEG)	0		0		2
RAD CTR (FT AGL)	140		140		140
TMA - QTY / MODEL					
DIPLEXER - QTY / MODEL					
MCPA BRICKS (QTY)					
RRH - QTY/MODEL					
SECTOR DISTRIBUTION BOX					
MAIN DISTRIBUTION BOX					
850 Cellular - Current Config	ALPHA		BETA		GAMMA
EQUIPMENT TYPE	Cellular Modcell 4.0		Cellular Modcell 4.0		Cellular Modcell 4.0
ANTENNA TYPE	LPA-80063-4CF-EDIN-0		LPA-80063-4CF-EDIN-0		LPA-80063-4CF-EDIN-0
QTY OF ANTENNAS PER FACE	2		2		2
ORIENTATION (DEG)	30		140		280
DOWN TILT (MECH/DEG)	0		0		0
RAD CTR (FT AGL)	140		140		140
TMA - QTY / MODEL					
DIPLEXER - QTY / MODEL	2	FD9R6004/2C-3L	2	FD9R6004/2C-3L	2
DIPLEXER KIT - QTY / MODEL					
MCPA BRICKS (QTY)					
850 Cellular - Future Config	ALPHA		BETA		GAMMA
EQUIPMENT TYPE	Cellular Modcell 4.0		Cellular Modcell 4.0		Cellular Modcell 4.0
ANTENNA TYPE	LPA-80063-4CF-EDIN-0		LPA-80063-4CF-EDIN-0		LPA-80063-4CF-EDIN-0
QTY OF ANTENNAS PER FACE	2		2		2
ORIENTATION (DEG)	30		140		280
DOWN TILT (MECH/DEG)	0		0		0
RAD CTR (FT AGL)	140		140		140
TMA - QTY / MODEL					
DIPLEXER - QTY / MODEL	2	FD9R6004/2C-3L	2	FD9R6004/2C-3L	2
DIPLEXER KIT - QTY / MODEL					
MCPA BRICKS (QTY)					
1900 PCS - Current Config	ALPHA		BETA		GAMMA
EQUIPMENT TYPE	#N/A		#N/A		#N/A
ANTENNA TYPE	BXA-171063-8BF-EDIN-2		BXA-171063-8BF-EDIN-2		BXA-171063-8BF-EDIN-2
QTY OF ANTENNAS PER FACE	1		1		1
ORIENTATION (DEG)	30		140		280
DOWN TILT (MECH/DEG)	0		0		0
RAD CTR (FT AGL)	140		140		140
TMA - QTY / MODEL					
DIPLEXER - QTY / MODEL					
DIPLEXER KIT - QTY / MODEL					
MCPA BRICKS (QTY)					
1900 PCS - Future Config	ALPHA		BETA		GAMMA
EQUIPMENT TYPE	#N/A		#N/A		#N/A
ANTENNA TYPE	BXA-171063-8BF-EDIN-2		BXA-171063-8BF-EDIN-2		BXA-171063-8BF-EDIN-2
QTY OF ANTENNAS PER FACE	1		1		1
ORIENTATION (DEG)	30		140		280

DOWN TILT (MECH/DEG)	0		0		0						
RAD CTR (FT AGL)	140		140		140						
TMA - QTY / MODEL											
DIPLEX WITH CELLULAR CABLE	DIPLEX with Cellular Cable		DIPLEX with Cellular Cable		DIPLEX with Cellular Cable						
MCPA BRICKS (QTY)											
NUMBER OF CABLE'S NEEDED				ESTIMATED CABLE LENGTH							
MAINLINE SIZE	1 5/8"	TOTAL # OF MAINLINES	12		MAINLINE (FT)						
JUMPER SIZE	1/2"	TOTAL # OF TOP JUMPERS	18		TOP JUMPER (FT)		12				
Equipment Cable Ordering	MAIN CABLE	12	+	0	TOP JUMPER #	18	+	0			
TX / RX FREQUENCIES				TX POWER OUTPUT							
Cellular A-Band		PCS F-Band		700 Mhz C - B		Cellular (Watts)		20			
TX - 869-880,890-891.5 MHz		TX - 1970-1975		TX - 746-757		PCS (Watts)		16			
RX - 824-835,845-846.5 MHz		RX - 1890-1895		RX - 776-787		LTE (Watts)		40			
ALPHA			BETA			GAMMA					
Ant.	Freq.	Func.	Color Code	Ant.	Freq.	Func.	Color Code	Ant.	Freq.	Func.	Color Code
A1-A	800	Tx1/Rx0	RED	A5-A	800	Tx2/Rx0	BLUE	A9-A	800	Tx3/Rx0	GREEN
A1-B	1900	Tx1/Rx0	RED/	A5-B	1900	Tx2/Rx0	BLUE/ WHITE	A9-B	1900	Tx3/Rx0	GREEN/WHITE
A2	700	Tx1/Rx0	RED/	A6	700	Tx2/Rx0	BLUE/ ORANGE	A10	700	Tx3/Rx0	GREEN/ORANGE
A3	700	Tx4/Rx1	RED/RED/ ORANGE	A7	700	Tx5/Rx1	BLUE/BLUE/ ORANGE	A11	700	Tx6/Rx1	GREEN/GREEN/ ORANGE
A4-B	1900	Tx4/Rx1	RED/RED/ WHITE	A8-B	1900	Tx5/Rx1	BLUE/BLUE/ WHITE	A12-B	1900	Tx6/Rx1	GREEN/GREEN/ WHITE
A4-A	800	Tx4/Rx1	RED/RED	A8-A	800	Tx5/Rx1	BLUE/BLUE	A12-A	800	Tx6/Rx1	GREEN/GREEN
RF ENGINEER				RF MANAGER				INITIALS		DATE	
Prepared By : Jay Latorre Donald McMenemy				Robert Hesselbach				JFL DAM		7/30/2013	

Site Configuration



Product Specifications

LNX-6512DS-TOM

DualPol® Antenna, 698-896 MHz, 65° horizontal beamwidth, fixed electrical tilt



- * Continuous wideband operation
- * Great solution to maximize network coverage and capacity
- * Excellent gain, VSWR, front-to-back ratio, and PIM specifications for robust network performance
- * Patented DualPol® technology
- * Ideal choice for site collocations and tough zoning restrictions

CHARACTERISTICS

General Specifications

Antenna Type DualPol®
 Brand DualPol®
 Operating Frequency Band 698 – 896 MHz

Electrical Specifications

Frequency Band, MHz	698-806	806-896
Beamwidth, Horizontal, degrees	65	65
Beamwidth, Horizontal Tolerance, degrees	±3	±3
Gain, dBd	12.6	13.5
Gain, dBi	14.7	15.6
Beamwidth, Vertical, degrees	18.7	16.5
Beam Tilt, degrees	0	0
Upper Sidelobe Suppression (USLS), typical, dB	20	19
Front-to-Back Ratio at 180°, dB	30	30
Cross Polarization Ratio (CPR) at Boresight, dB	20	20
Cross Polarization Ratio (CPR) at Sector, dB	12	12
Isolation, dB	30	30
VSWR Return Loss, db	1.35:1 16.5	1.35:1 16.5
Intermodulation Products, 3rd Order, 2 x 20 W, dBc	-150	-150
Input Power, maximum, watts	500	500
Polarization	±45°	±45°
Impedance, ohms	50	50
Lightning Protection	dc Ground	dc Ground

www.commscope.com/andrew

Product Specifications

INX-6512DS-T0M



Mechanical Specifications

Color	Light gray
Connector Interface	7-16 DIN Female
Connector Location	Bottom
Connector Quantity	2
Wind Loading, maximum	379.8 N @ 150 km/h 85.4 lbf @ 150 km/h
Wind Speed, maximum	241.0 km/h 149.8 mph

Dimensions

Depth	181.0 mm 7.1 in
Length	1232.0 mm 48.5 in
Width	301.0 mm 11.9 in
Net Weight	12.7 kg 28.0 lb

Regulatory Compliance/Certifications

Agency

RoHS 2002/95/EC
China RoHS SJ/T 11364-2006

Classification

Compliant by Exemption
Above Maximum Concentration Value (MCV)



INCLUDED PRODUCTS



MTG-L-STD

Downtilt Mounting Kit for panel Antennas

www.commscope.com/andrew

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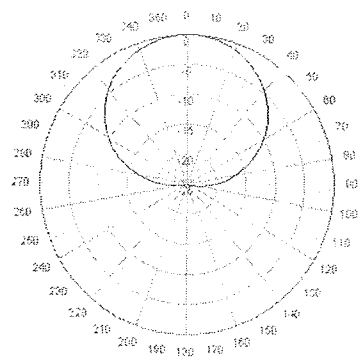
page 2 of 3
1/18/2011

Product Specifications

LNx-6512DS-T0M

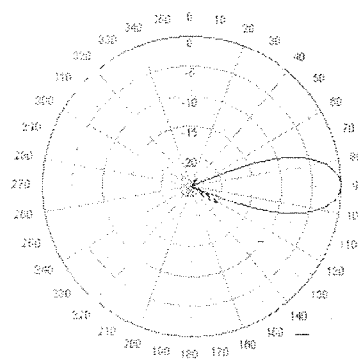


Horizontal Pattern

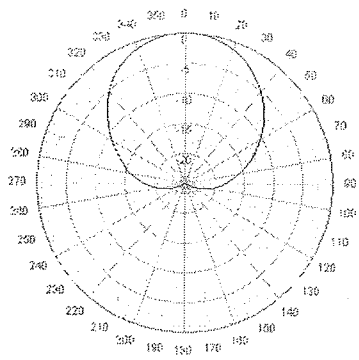


Freq: 750 MHz, Tilt: 0°

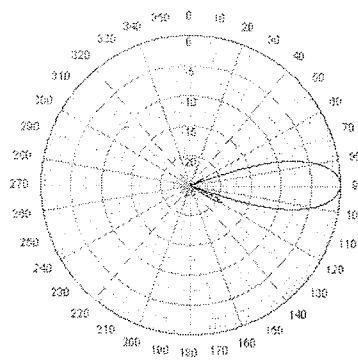
Vertical Pattern



Freq: 750 MHz, Tilt: 0°



Freq: 850 MHz, Tilt: 0°



Freq: 850 MHz, Tilt: 0°

Add 2

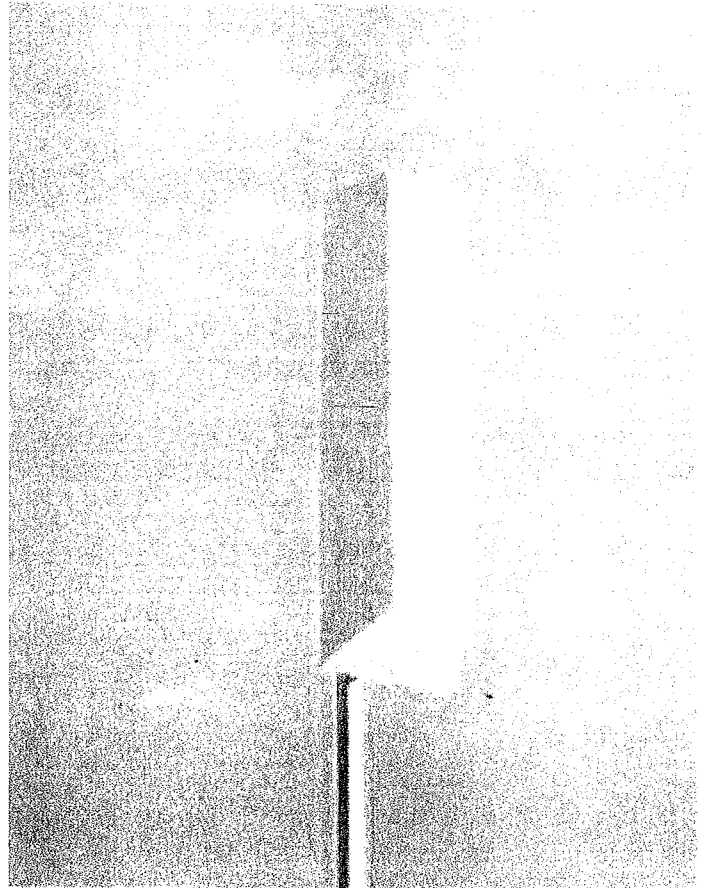
Swelcom

SLCP 2x6014

Dual (2x) Circularly Polarized log-periodic antenna

Features

- Transmit Diversity Gain
- Can be configured to combine space & polarization diversity
- Outstanding performance over the entire band (700 - 800 MHz)
- Excellent Axial Ratio
- Optimized for 4G & 3G systems
- Low intermodulation
- Improved Side-to-side rejection
- Fading reduction
- Excellent isolation between ports



Electrical specifications

Frequency range:	700-800 MHz
Impedance:	50 ohm
Connector type:	7/16 Din
Return loss:	18 dB
Polarization:	Circular
Gain ea. port [Circular]:	2x14 dBdC
Gain ea. port [Linear]:	2x11 dBdL
Axial Ratio:	2 dB
Isolation between ports (TX band):	30 dB
Front-to-back ratio:	30 dB
Intermodulation (2x20W):	IM3 150 dB IM5 160 dB IM7/9 170 dB
Power rating:	2x 500 W
H-plane (-3 dB point):	2x 55°
V-plane (-3 dB point):	2x 16°
Lightning protection:	DC grounded

Mechanical specifications

Overall height:	53 in	[1346 mm]
Width:	14 in	[356 mm]
Depth:	11 in	[279 mm]
Weight (excluding brackets):	20 lbs	[9 Kg]
Wind load measured up to:	150 mph	[240 Km/h]
Wind area (side of antenna):	5.15 sq. ft.	[0.48 sq.m]
Lateral thrust at 113 mph/ 180 Km/h (worst case):	263 lbs	[1171 N]

Materials

Radiating Elements:	Aluminum
Transformer (Power distribution)	Ceramic PCB
Chassis:	Aluminum
Radome:	Grey Fiberglass/PVC
Mounting bolts:	Stainless steel

The SLCP 2x6014 is made in the U.S.A.



FDH Engineering, Inc., 6521 Meriden Drive Raleigh, NC 27616, Ph. 919.755.1012

**Structural Analysis for
SBA Network Services, Inc.**

160' Self-Support Tower

SBA Site Name: WSBS
SBA Site ID: MA13743-A-05
Verizon Site Name: Great Barrington 2, MA

FDH Project Number 13SAUJ1400

Analysis Results

Tower Components	87.9 %	Sufficient
Foundation	78.8 %	Sufficient

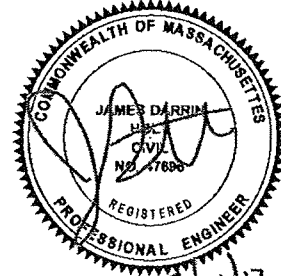
Prepared By:

Kristi Gardner, EI
Project Engineer

Reviewed By:

J. Darrin Holt, PhD, PE
Principal
MA PE License No. 47696

FDH Engineering, Inc.
6521 Meriden Drive
Raleigh, NC 27616
(919) 755-1012
info@fdh-inc.com



8/21/13

August 21, 2013

Prepared pursuant to ANSITIA-222-G Structural Standard for Antenna Supporting Structures and Antennas

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EXECUTIVE SUMMARY

At the request of SBA Network Services, Inc., FDH Engineering, Inc. performed a structural analysis of the existing self-supported tower located in Great Barrington, MA to determine whether the tower is structurally adequate to support both the existing and proposed loads pursuant to the *Structural Standard for Antenna Supporting Structures and Antennas, ANSI/TIA-222-G*. Information pertaining to the existing/proposed antenna loading, current tower geometry, soil parameters, the member sizes, and foundation dimensions was obtained from:

- Central Tower, Inc. (Project No. SS1276) original design drawings dated January 24, 2003
- Jaworski Geotech, Inc. (Project No. 02715G) Geotechnical Evaluation dated January 9, 2003
- FDH, Inc. (Job No. 11-05019T) TIA Inspection Report dated July 26, 2011
- FDH Engineering, Inc. (Project No. 11-01055E S3) Modification Drawings for a 160' Self-Support Tower dated May 16, 2011
- FDH, Inc. (Job No. 11-01055E S3) Post Construction Inspection dated June 1, 2011 –
- SBA Network Services, Inc.

The *basic design wind speed* per the *ANSI/TIA-222-G* standard is 90 mph without ice and 40 mph with 3/4" radial ice. Ice is considered to increase in thickness with height. Furthermore, this structure was analyzed as a Class II structure in Exposure Category C, a topographical factor of 1, and Spectral Response Accelerations of $S_s = 0.223$ and $S_1 = 0.066$.

Note: Per Section 2.7.3 of the *ANSI/TIA-222-G* standard, the seismic/earthquake loading effects can be ignored if spectral response acceleration at short periods (S_s) is less than or equal to 1.00. The tower's location mandates a design S_s of less than 1.00, thus seismic loading was not considered as part of the analysis of this structure.

Conclusions

With the existing and proposed antennas from Verizon place at 140 ft, the tower meets the requirements of the *ANSI/TIA-222-G* standard provided the **Recommendations** listed below are satisfied. Furthermore, provided the foundation was designed and constructed to support the original design reactions (see Central Tower Project No. SS1276), the foundation should have the necessary capacity to support the existing and proposed loading. For a more detailed description of the analysis of the tower, see the **Results** section of this report.

Our structural analysis has been performed assuming all information provided to FDH Engineering, Inc. is accurate (i.e., the steel data, tower layout, existing antenna loading, and proposed antenna loading) and that the tower has been properly erected and maintained per the original design drawings.

Recommendations

To ensure the requirements of the *ANSI/TIA-222-G* standard are met with the existing and proposed loading in place, we have the following recommendations:

1. Feedlines must be installed as shown in **Figure 1**.
2. The proposed diplexers should be installed directly behind the proposed and existing panel antennas.

APPURTENANCE LISTING

The proposed and existing antennas with their corresponding cables/coax lines are shown in **Table 1**. *If the actual layout determined in the field deviates from the layout, FDH Engineering, Inc. should be contacted to perform a revised analysis.*

Table 1 - Appurtenance Loading

Existing Loading:

Antenna Elevation (ft)	Description	Coax and Lines	Carrier	Mount Elevation (ft)	Mount Type
166	(1) 13' x 1" Omni (1) 13' x 1.62" Omni	(1) 1/4" (1) 3/8"	WSBS	159.5	Direct Mount
155.5	(2) RFS APXVSP18-C-A20 (1) RFS APXV9ERR18-C-A20 (3) ALU 1900 MHz RRUs (3) ALU 800 MHz RRUs (3) ALU 800 MHz Filters (3) RFS ACU-A20-N RETs	(3) 1-1/4"	Sprint	155.5	(3) 13' T-Frames
144	(6) Kathrein 800 10122 (2) KMW AM-X-CD-16-65-00T-RET (1) Powerwave P45-16-XLH-RR (6) Powerwave LGP21401 TMAs (6) Ericsson RRUS 11 RRUs (1) Raycap DC6-48-60-18-8F Surge Arrestor	(12) 1-5/8" (1) 3/8" Fiber (2) 5/8" DCs	New Cingular	144	(3) 13' T-Frames
137.5	(6) RFS FD9R6004/2C-3L Diplexers (3) Antel LNX-6512DS (6) Antel LPA-80063/4CF (3) Antel BXA-185063/8CF	(12) 1-5/8"	Verizon	137.5	(3) 12.5' T-Frames
129.5	(3) RFS APX16PV-16PVL	(12) 1-5/8"	T-Mobile	127.5	(3) 12.5' T-Frames
125.5	(6) Ericsson KRY 112 7 1/2 TMAs	(1) 1/4"			
117	(1) Scala HDCA-5/HRM/75N Yagi	(1) 1/2"	White Cabinet	112.5	(1) 11' x 2.4" Ø Pipe Mount
109.5	(1) Scala HDCA-5/HRM/75N Yagi				
93.5	(1) Antenex 8' x 1" Omni	(1) 1/2"	WSBS	89.5	(1) 4' Standoff
88	(1) 48" x 32" Yagi	(1) 7/8"	White Cabinet	88	Direct Mount

Proposed Loading:

Antenna Elevation (ft)	Description	Coax and Lines	Carrier	Mount Elevation (ft)	Mount Type
140	(1) Andrew LNX-6512DS (6) Antel LPA-80063/4CF (3) Antel BXA-171063/8BF (2) Swedcom SLCP 2x6014 (6) RFS FD9R6004/2C-3L Diplexers	(12) 1-5/8"	Verizon	137.5	(3) 12.5' T-Frames

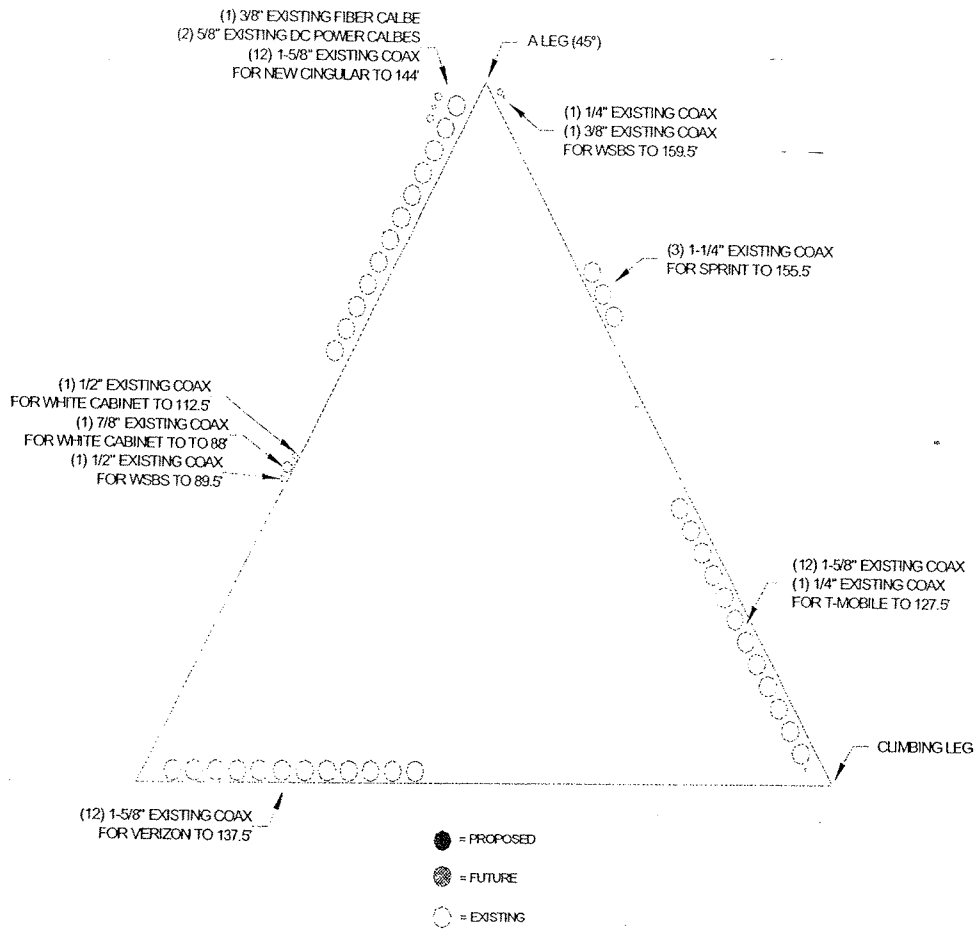


Figure 1 – Coax Layout

RESULTS

The following yield strength of steel for individual members was used for analysis:

Table 2 - Material Strength

Member Type	Yield Strength
Legs	50 ksi (assumed)
Bracing	36 ksi (assumed)

Table 3 displays the summary of the ratio (as a percentage) of force in the member to their capacities. Values greater than 100% indicate locations where the maximum force in the member exceeds its capacity. *Note: Capacities up to 105% are considered acceptable.* **Table 4** displays the maximum foundation reactions.

If the assumptions outlined in this report differ from actual field conditions, FDH Engineering, Inc. should be contacted to perform a revised analysis. Furthermore, as no information pertaining to the allowable twist and sway requirements for the existing or proposed appurtenances was provided, deflection and rotation were not taken into consideration when performing this analysis.

See the **Appendix** for detailed modeling information

Table 3 - Summary of Working Percentage of Structural Components

Section No.	Elevation ft	Component Type	Size	% Capacity	Pass Fail
T1	160 - 140	Leg	2	18.4	Pass
		Diagonal	7/8	31.0	Pass
		Top Girt	7/8	2.2	Pass
		Bottom Girt	7/8	2.8	Pass
T2	140 - 120	Leg	2 3/4	58.4	Pass
		Diagonal	L2x2x3/16	56.2	Pass
T3	120 - 100	Leg	3	78.5	Pass
		Diagonal	L2x2x3/16	65.9	Pass
T4	100 - 80	Leg	3 1/4	86.0	Pass
		Diagonal	L2x2x3/16	80.9	Pass
T5	80 - 73.3333	Leg	3 1/2	74.2	Pass
		Diagonal	L2x2x1/4	66.5	Pass
T6	73.3333 - 66.6667	Leg	3 1/2	81.1	Pass
		Diagonal	L2x2x1/4	70.9	Pass
T7	66.6667 - 60	Leg	3 1/2	87.9	Pass
		Diagonal	L2x2x1/4	76.1	Pass
T8	60 - 53.3333	Leg	3 3/4	76.2	Pass
		Diagonal	L2x2x1/4	80.5	Pass
T9	53.3333 - 46.6667	Leg	3 3/4	81.6	Pass
		Diagonal	L2x2x5/16	71.1	Pass
T10	46.6667 - 40	Leg	3 3/4	87.0	Pass
		Diagonal	L2x2x5/16	75.5	Pass
T11	40 - 20	Leg	4	84.7	Pass
		Diagonal	L2 1/2x2 1/2x3/16	71.7	Pass
T12	20 - 0	Leg	4 1/4	81.5	Pass
		Diagonal	L2 1/2x2 1/2x3/16	83.8	Pass

Table 4 - Maximum Base Reactions

Load Type	Direction	Current Analysis* (ANSI/TIA-222-G)	Original Design (TIA/EIA-222-F)
Individual Foundation	Horizontal	20 k	20 k
	Uplift	319 k	303 k
	Compression	351 k	330 k
Overturning Moment	---	3,219 k-ft	3,035 k-ft

*Current analysis reactions are within an allowable factor of 1.35 per the ANSI/TIA-222-G standard when the original design reactions are based on an allowable stress design.

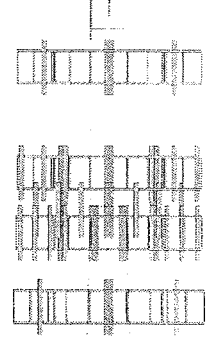
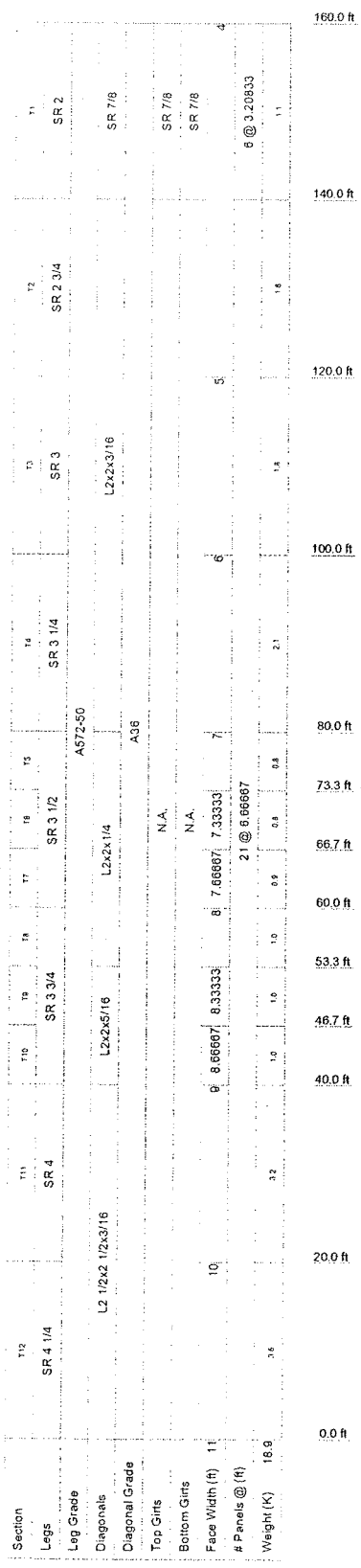
GENERAL COMMENTS

This engineering analysis is based upon the theoretical capacity of the structure. It is not a condition assessment of the tower and its foundation. It is the responsibility of SBA Network Services, Inc. to verify that the tower modeled and analyzed is the correct structure (with accurate antenna loading information) modeled. If there are substantial modifications to be made or the assumptions made in this analysis are not accurate, FDH Engineering, Inc. should be notified immediately to perform a revised analysis.

LIMITATIONS

All opinions and conclusions are considered accurate to a reasonable degree of engineering certainty based upon the evidence available at the time of this report. All opinions and conclusions are subject to revision based upon receipt of new or additional/updated information. All services are provided exercising a level of care and diligence equivalent to the standard and care of our profession. No other warranty or guarantee, expressed or implied, is offered. Our services are confidential in nature and we will not release this report to any other party without the client's consent. The use of this engineering work is limited to the express purpose for which it was commissioned and it may not be reused, copied, or distributed for any other purpose without the written consent of FDH Engineering, Inc.

APPENDIX



DESIGNED APPURTENANCE LOADING

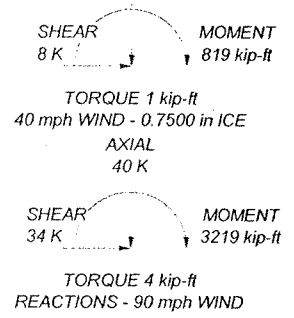
TYPE	ELEVATION	TYPE	ELEVATION
Lightning Rod	160	SLCP 2X6014 w/Mount Pipe (Verizon)	137.5
13" x 1" Omni	159.5	SLCP 2X6014 w/Mount Pipe (Verizon)	137.5
13" x 1.62" Omni	159.5	(2) LPA-80063/4CF w/ Mount Pipe (Verizon)	137.5
APXVSP18-C-A20 w/Mount Pipe (Sprint)	155.5	(2) LPA-80063/4CF w/ Mount Pipe (Verizon)	137.5
APXVSP18-C-A20 w/Mount Pipe (Sprint)	155.5	(2) LPA-80063/4CF w/ Mount Pipe (Verizon)	137.5
RFS APXV9ERR18-C-A20 w/Mount Pipe (Sprint)	155.5	BXA-171063/8BF w/ Mount Pipe (Verizon)	137.5
ALU 1900 MHz RRU (Sprint)	155.5	BXA-171063/8BF w/ Mount Pipe (Verizon)	137.5
ALU 1900 MHz RRU (Sprint)	155.5	BXA-171063/8BF w/ Mount Pipe (Verizon)	137.5
ALU 800 MHz RRU (Sprint)	155.5	(2) FDR6004/2C-3L Diplexer (Verizon)	137.5
ALU 800 MHz RRU (Sprint)	155.5	(2) FDR6004/2C-3L Diplexer (Verizon)	137.5
ALU 800 MHz RRU (Sprint)	155.5	(2) FDR6004/2C-3L Diplexer (Verizon)	137.5
ALU 800 MHz Filter (Sprint)	155.5	(3) 12.5" T-Frames MNT (Verizon)	137.5
ALU 800 MHz Filter (Sprint)	155.5	APX16PV-16PVL w/Mount Pipe (T-Mobile)	127.5
ALU 800 MHz Filter (Sprint)	155.5	APX16PV-16PVL w/Mount Pipe (T-Mobile)	127.5
ALU 800 MHz Filter (Sprint)	155.5	APX16PV-16PVL w/Mount Pipe (T-Mobile)	127.5
ACU-A20-N RET (Sprint)	155.5	(2) 800 10122 w/Mount Pipe (New Cingular)	144
ACU-A20-N RET (Sprint)	155.5	(2) 800 10122 w/Mount Pipe (New Cingular)	144
ACU-A20-N RET (Sprint)	155.5	(2) 800 10122 w/Mount Pipe (New Cingular)	144
AM-X-CW-16-65-00T-RET w/Mount Pipe (New Cingular)	144	(2) KRY 112 71/2 TMA (T-Mobile)	127.5
AM-X-CW-16-65-00T-RET w/Mount Pipe (New Cingular)	144	(2) KRY 112 71/2 TMA (T-Mobile)	127.5
P45-16-XLH-RR w/Mount Pipe (New Cingular)	144	(2) KRY 112 71/2 TMA (T-Mobile)	127.5
(2) LGP21401 TMA (New Cingular)	144	Empty Mount Pipe (T-Mobile)	127.5
(2) LGP21401 TMA (New Cingular)	144	Empty Mount Pipe (T-Mobile)	127.5
(2) RRUS-11 (New Cingular)	144	Empty Mount Pipe (T-Mobile)	127.5
(2) RRUS-11 (New Cingular)	144	(3) 12.5" T-Frames MNT (T-Mobile)	127.5
(2) RRUS-11 (New Cingular)	144	Scala HDCA-5/HRM/75N Yagi (White Cabinet)	112.5
DC6-48-60-18-8F Surge Arrestor (New Cingular)	144	Scala HDCA-5/HRM/75N Yagi (White Cabinet)	112.5
(3) 13" T-Frames MNT (New Cingular)	144	(1) 11" x 2.25" Pipe Mount MNT (White Cabinet)	112.5
LNx-6512DS w/ Mount Pipe (Verizon)	137.5	Antenax 8' x 1" Omni (WSBS)	89.5
		(1) 4" Standoff MNT (WSBS)	89.5
		48" x 32" Yagi (White Cabinet)	88
		Direct Mount MNT (White Cabinet)	88

MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
ALL REACT A572-50	50 ksi	65 ksi	A36	36 ksi	58 ksi
ARE FACT					

TOWER DESIGN NOTES

- MAX. CORN. 1. Tower is located in Berkshire County, Massachusetts.
 DOWN: 2. Tower designed for Exposure C to the TIA-222-G Standard.
 SHEAR: 3. Tower designed for a 90 mph basic wind in accordance with the TIA-222-G Standard.
 4. Tower is also designed for a 40 mph basic wind with 0.75 in ice. Ice is considered to freeze in thickness with height.
 UPLIFT: 5. Reflections are based upon a 60 mph wind.
 SHEAR: 6. Tower Structure Class II.
 AXIAL 7. Topographic Category 1 with Crest Height of 0.00 ft
 105 K 8. TOWER RATING: 87.9%



	FDH Engineering, Inc 6521 Meridien Drive Raleigh, NC 27616 Phone: (919) 755-1012 FAX: (919) 755-1013	Job: WSBS, MA13743-A-05 Project: 13SAUJ1400 Client: SBA Code: TIA-222-G Path:	Drawn by: Kristi Gardner Date: 08/21/13 App'd:	Scale: NTS Dwg No. E-1
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Marie Y. Ryan, CMMC
Town Clerk
Justice of The Peace



Town Hall, 334 Main St.
Great Barrington, MA 01230
(413) 528-1619 ext. 3
Fax: (413) 528-2290

**TOWN OF GREAT BARRINGTON
MASSACHUSETTS**

OFFICE OF THE TOWN CLERK

EXECUTIVE SUMMARY

TITLE: 2014 Annual Town Meeting and Mini Town Meeting Locations

BACKGROUND:

2014 Annual Town Meeting - May 5th

Mahaiwe

- Fee of \$180.00 est. for audio engineer
- Will have platform riser for more room on stage and have a drop cloth for screen behind that (town will have to pick up from Simon's Rock there is no cost for Town and Mahaiwe will cover cost to hang drop cloth)

Monument Mountain High School

- No charges
- Large Stage

2014 Mini Town Meeting - April 23rd

**Great Barrington Fire Station- Town owned no charge
Mahaiwe – no charge**

FISCAL IMPACT:

2014 Annual Town Meeting:

Mahawie - \$180 est.

Monument Mountain – no fees

2014 Min Town Meeting

Great Barrington Fire Station – no fees

Mahawie – no fees

RECOMMENDATION: Board of Selectmen need to make a choice of which locations they would like to hold the 2014 Annual Town Meeting and the 2014 Mini Town Meeting.

PREPARED AND REVIEWED BY: Marie J Ryan, CMC

DATE: November 22, 2013

APPROVED: Jennifer Tabakun

RESOLUTION OF THE CITY OF _____ TOWN OF GREAT BARRINGTON,
MASSACHUSETTS TO THE ADMINISTRATOR OF THE ENVIRONMENTAL PROTECTION
AGENCY IN SUPPORT OF REDUCING GREENHOUSE GAS POLLUTION UNDER THE CLEAN
AIR ACT

WHEREAS, the decade from 2000 to 2010 was the warmest on record¹, 2005 and 2010 tied for the hottest years on record²; and 2012 was the hottest year on record for the contiguous U.S.³; and

WHEREAS, the current level of CO₂ in the atmosphere is approximately 397 parts per million⁴ (ppm); and

WHEREAS, one of the world's leading climate scientists, Dr. James Hansen, stated in 2008: "If humanity wishes to preserve a planet similar to that on which civilization developed and to which life on Earth is adapted, paleoclimate evidence and climate change suggest that CO₂ will need to be reduced from its current 385 ppm to at most 350 ppm⁵; and

WHEREAS, the Environmental Protection Agency determined that current and future greenhouse gas concentrations endanger public health⁶, and according to the Global Humanitarian Forum climate change is already responsible every year for some 300,000 deaths, 325 million people seriously affected, and economic losses worldwide of U.S. \$125 billion⁷; and

WHEREAS, extreme weather events, most notably heat waves and precipitation extremes, are striking with increased frequency⁸, with deadly consequences for people and wildlife; in the United States in 2011 alone, a record 14 weather and climate disasters occurred, including droughts, heat waves, and floods, that cost at least \$1 billion each in damages and loss of human lives⁹; and

WHEREAS, climate change creates conditions that lead to more destructive storms like 2012's Superstorm Sandy¹⁰, by loading storms with more energy and more rainfall¹¹, raising sea levels and causing storm surge to ride on a higher sea surface so that more coastline floods¹², and warming the Arctic and melting sea ice, which causes changes in the jet stream that are bringing more extreme weather to the U.S.¹³; and

WHEREAS, climate change is affecting food security by reducing the growth and yields of important crops¹⁴; droughts, floods and changes in snowpack are altering water supplies¹⁵; as of October 2, 2012, 64.6 percent of the contiguous U.S. was experiencing moderate-to-exceptional drought¹⁶; and in 2012, the U.S. Department of Agriculture designated more than half (50.3 percent) of all U.S. counties disaster areas, mainly due to drought¹⁷; and

WHEREAS, scientists have concluded that by 2100 as many as one in 10 species may be on the verge of extinction due to climate change¹⁸; and

WHEREAS, the world's land-based ice is rapidly melting, threatening water supplies in many regions and raising sea levels¹⁹, and Arctic summer sea ice extent has decreased to about half what it was several decades ago²⁰, and reached a record low in 2012²¹, with an accompanying drastic reduction in sea-ice thickness and volume²², which is severely jeopardizing ice-dependent animals²³; and

WHEREAS, global sea level is rising 60 percent faster than projected by the Intergovernmental Panel on Climate Change²⁴; the U.S. East Coast is a hotspot for sea level rise with rates three to four times faster than the global average²⁵; sea level rise is accelerating in pace²⁶; and sea level could rise by one to two meters in this century, threatening millions of Americans with severe flooding²⁷; and

WHEREAS, for four decades, the Clean Air Act has protected the air we breathe through a proven, comprehensive, successful system of pollution control that saves lives and creates economic benefits exceeding its costs by many times²⁸; and

WHEREAS, with the Clean Air Act, air quality in this country has improved significantly since 1970, despite major growth both in our economy and industrial production; and

WHEREAS, between 1970 and 1990, the six main pollutants covered by the Clean Air Act — particulate matter and ground-level ozone (both of which contribute to smog and asthma), carbon monoxide, lead, sulfur and nitrogen oxides (the pollutants that cause acid rain) — were reduced by between 47 percent and 93 percent, and airborne lead was virtually eliminated; and

WHEREAS, the Clean Air Act has produced economic benefits valued at \$2 trillion or 30 times the cost of regulation; and

WHEREAS, the U.S. Supreme Court ruled in *Massachusetts vs. EPA* (2007) that greenhouse gases are “air pollutants” as defined by the Clean Air Act and the Environmental Protection Agency has the authority to regulate them; and

WHEREAS, The ~~city~~ Town of Great Barrington ~~of _____~~ prides itself on being a leader in the fight against climate change and for clean air ~~insert steps your city has already taken such as developing a climate action plan, signing the Mayors’ Climate Protection Agreement, reducing carbon emissions by X percent, etc. having become a Massachusetts Green Community in 2012, reducing energy consumption in municipal buildings, and promoting conservation and renewable energy for homeowners and businesses.~~

NOW THEREFORE BE IT RESOLVED, that climate change is not an abstract problem for the future or one that will only affect far-distant places but rather climate change is happening now, we are causing it, and the longer we wait to act, the more we lose and the more difficult the problem will be to solve; and we, the _____ City Council Great Barrington Board of Selectmen, on behalf of the residents of _____, Great Barrington, Massachusetts, do hereby urge the administrator of the Environmental Protection Agency and President Barack Obama to move swiftly to fully employ and enforce the Clean Air Act to do our part to reduce carbon in our atmosphere to no more than 350 parts per million.

BE IT FURTHER RESOLVED that the ~~City Clerk~~ Town Manager shall forward a copy of this resolution To the Administrator of the Environmental Protection Agency and President Barack Obama.

RESOLVED on this 25th day of November, 2013.

GREAT BARRINGTON BOARD OF SELECTMEN

CENTER FOR BIOLOGICAL DIVERSITY

Climate Law Institute

351 California St., Ste. 600 • San Francisco, CA 94104 • (415) 436-9682 • www.BiologicalDiversity.org

Save — and Use — the Clean Air Act

January 2011

Some in Congress are attempting to roll back our strongest existing tool for reducing carbon pollution — the Clean Air Act.

The Clean Air Act has protected the air we breathe for four decades. By curbing air pollution, it is directly responsible for dramatically reducing dangerous pollutants such as lead, sulfur dioxide and fine particulates. The Act's successes have saved many thousands of lives, improved health and decreased hospitalizations, illnesses such as cancer and asthma, and lost school and work days. The Environmental Protection Agency (EPA) projected that in 2010 alone, the Clean Air Act would save 23,000 lives and prevent 1.7 million asthma attacks, 4.1 million lost work days and more than 68,000 hospitalizations and emergency room visits.

The Act has achieved these successes while saving us money and protecting our economy. In its first two decades alone, it created benefits valued at \$22.2 trillion — 42 times greater than the estimated costs of its regulations.

Similar results can be expected as the EPA starts using the Clean Air Act to reduce greenhouse pollution. Despite this proven track record, the Clean Air Act is under attack.

The Road Map to 350 ppm: The Clean Air Act

The scientific consensus is clear: We must reduce the level of atmospheric carbon dioxide, or CO₂, to 350 parts per million (ppm) or below to avoid global catastrophe. To reach 350 ppm, carbon pollution from the United States and other developed countries should be reduced by 45 percent or more below 1990 levels by 2020.

The Clean Air Act is our only existing environmental law that could allow us to reach the 350 ppm goal — and here's how:

In a seminal case from 2007, *Massachusetts vs. Environmental Protection Agency*, the Supreme Court found that greenhouse gases are "pollutants" as defined by the Clean Air Act. The EPA has begun to use some of the Act's tools to reduce these pollutants, and now needs to move much more decisively.

The Clean Air Act's **New Source Review Program** requires all new or modified major "stationary" sources of air pollution — sources like coal-fired power plants, oil refineries or cement plants — to implement pollution-control measures. Beginning on January 2, 2011, this program applies to greenhouse gas pollution as well: Certain new or modified sources now must obtain permits demonstrating that they will use the best available greenhouse gas pollution-control technology before proceeding with construction. However, the EPA narrowed the scope of this requirement considerably under its so-called "tailoring rule," which initially limits the permitting program to only a few hundred very large sources of greenhouse gases, letting a huge number of smaller — but still significant — sources off the hook.

www.BiologicalDiversity.org

Under the Clean Air Act's **New Source Performance Standards Program**, the EPA is required to set industry-wide limits on the amount of air pollution that certain categories of stationary sources may emit. This means each type of facility must meet the same minimum standards. The standards are based on the "best" emissions reduction method that has been "adequately demonstrated." Thus, this section of the Clean Air Act can help speed the development and deployment of new technologies to reduce carbon pollution and the creation of a green economy. In December 2010, the EPA announced it would finally set these industry-wide limits for greenhouse gas pollution from refineries and power plants. However, the agency has passed up opportunities to set limits for other sources, like cement plants.

Finally, the Act's "criteria" air pollutant program — the **National Ambient Air Quality Standards Program** — adds a critically important tool to reduce atmospheric concentrations of pollutants that threaten public health and welfare. Using the best available science, the EPA specifies the maximum permissible amount of the pollutant in the ambient air, based on what is necessary to protect the public health and welfare. To date, the EPA has designated six criteria pollutants, but greenhouse gases, including carbon dioxide, methane and others are not yet on the list. Once they are, a science-based cap that allows us to avert climate catastrophe — such as 350 ppm — must be set under the Act. The Center and 350.org petitioned the EPA in 2009 to set a protective, science-based cap on greenhouse gas concentrations, but so far the EPA has not responded to our petition.

The Clean Air Act Under Attack

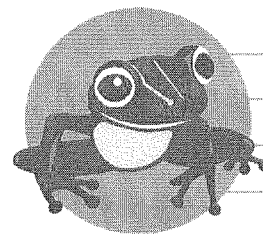
The Clean Air Act is under attack from big polluters precisely because it is so powerful. Big corporate polluters are pushing Congress to gut or delay this cornerstone environmental and public health protection so that they can continue to foul our air and warm our planet. In 2010, we helped beat back their efforts and in 2011, as we begin to actually implement the Clean Air Act for greenhouse pollution, we will certainly need to do this again.

Industry special-interest groups and backward-looking states are also attacking Clean Air Act greenhouse gas rules — and even the basic, well-accepted science of climate change — in the courts. The Center is participating actively in current litigation to defend rules that help protect our climate and to urge prompt regulation of additional sources. Thanks in part to the efforts of several organizations including the Center, on December 10, 2010, the court denied an industry attempt to halt implementation of some Clean Air Act rules while litigation proceeds.

Save the Clean Air Act

Ninety-two percent of respondents to a recent survey by the Yale Project on Climate Change said the nation needs to act to reduce global warming. The same survey found that 80 percent of respondents thought government should regulate carbon dioxide as a pollutant. And the top two reasons cited for the need for government action were to provide a better life for our children and grandchildren (66 percent) and to save many plant and animal species from extinction (65 percent).

The Clean Air Act provides a comprehensive system of pollution control with a proven track record of success for the grave problem of global warming and carbon pollution. It can work immediately by itself or in conjunction with new climate legislation. Now is the time to ambitiously enforce the Clean Air Act, not to gut it.



CENTER for
BIOLOGICAL
DIVERSITY

To learn more or become one of the Center's Clean Air Advocates, contact:
Rose Braz, climate campaign coordinator, rbraz@biologicaldiversity.org or (415) 436-9682 ext. 319
www.BiologicalDiversity.org



TOWN OF GREAT BARRINGTON MASSACHUSETTS

HEALTH DEPARTMENT

EXECUTIVE SUMMARY

TITLE: Plastic Bag Reduction Bylaw Update/Marketing Plan

BACKGROUND: A public discussion, Q & A, and screening of the 2010 documentary "Bag-It" was held at the Mason Library on November 14th in an effort to reach out to the residents and business community.

At the request of two of the four large grocery stores, a meeting was also held recently to discuss the compostable/biodegradable bag waiver and the approaching enforcement date which is scheduled for January 1st. In hopes of successfully transitioning into the bag ban and avoid simply replacing single-use plastic bags with paper or compostable plastic bags, it was the consensus of the group that working together to create a marketing campaign to encourage the use of cloth, canvas, and polypropylene bags may bring results more in line with the intent of the bylaw. All four of our largest grocery retailers have expressed an interest in working with us on this campaign. In order to accomplish this, the following timeline is proposed extending the start of enforcement and ticketing until March:

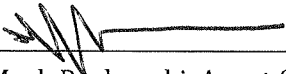
- **December 20th** (a logo/campaign will be presented to the 4 largest grocery stores. MMRHS Art Department has been contacted to potentially design a logo for us).
- **January 8th** (Deadline to approve the logo by the Town Staff/grocery stores).
- **January 13th** (The BOS is presented with the logo for formal approval. Assuming it's approved, the retailers would have 1 month to create banners, signage, and train their employees on the ban).
- **February 12th** (Outreach begins at all 4 grocery stores and of course with any other willing business owners that would like to participate).
- **March 1st** (Ticketing of violations will commence).

FISCAL IMPACT: There is no direct fiscal impact for the Town.

RECOMMENDATION: It is our recommendation that this timeline and marketing plan be approved. It's an aggressive timeline, but one that all parties have agreed to pending BOS approval. Our hope is to have some preliminary data on the number of bags saved from our waste stream as a result of this bylaw and to report back to the Board of Selectmen by Earth Day of 2014. We also anticipate a

To _____
11/21/2013
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much smoother implementation and an improved compliance rate by working closely with the business community on this campaign.

PREPARED BY:  DATE: 11-21-13
Mark Pruhenski, Agent for GBOH

APPROVED:  DATE: 11-21-13
Jennifer Tabakin, Town Manager

