

Daniel F. Caruso
Chairman

STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@ct.gov

Internet: ct.gov/csc

June 1, 2009

Steven L. Levine
Real Estate Consultant
New Cingular Wireless PCS, LLC
500 Enterprise Drive
Rocky Hill, CT 06067-3900

RE: **EM-CING-023-090422**- New Cingular Wireless PCS, LLC notice of intent to modify an existing telecommunications facility located at 96 Powder Mill Road, Canton, Connecticut.

Dear Mr. Levine:

The Connecticut Siting Council (Council) hereby acknowledges your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies with the following conditions:

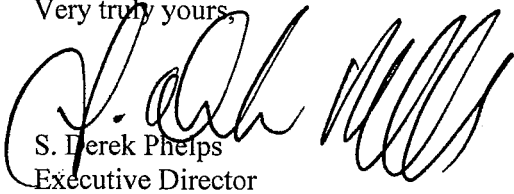
- The proposed coax lines shall be installed inside the monopole shaft; and
- The Council shall be notified in writing that the coax was installed as specified.

The proposed modifications are to be implemented as specified here and in your notice dated April 21, 2009, including the placement of all necessary equipment and shelters within the tower compound. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

Thank you for your attention and cooperation.

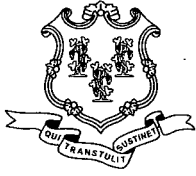
Very truly yours,



S. Derek Phelps
Executive Director

SDP/MP/laf

- c: The Honorable Richard J. Barlow, First Selectman, Town of Canton
- Robert H. Skinner, Chief Administrative Officer, Town of Canton
- Neil Pade, Town Planner, Town of Canton
- SBA Network Services, LLC



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051
Phone: (860) 827-2935 Fax: (860) 827-2950
E-Mail: siting.council@ct.gov
www.ct.gov/csc

April 23, 2009

The Honorable Richard J. Barlow
First Selectman
Town of Canton
4 Market Street
P. O. Box 168
Collinsville, CT 06022-0168

RE: **EM-CING-023-090422**- New Cingular Wireless PCS, LLC notice of intent to modify an existing telecommunications facility located at 96 Powder Mill Road, Canton, Connecticut.

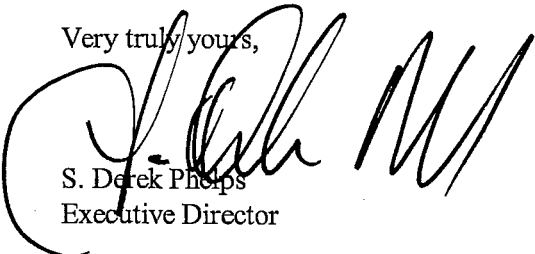
Dear Mr. Barlow:

The Connecticut Siting Council (Council) received this request to modify an existing telecommunications facility, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

If you have any questions or comments regarding this proposal, please call me or inform the Council by May 7, 2009.

Thank you for your cooperation and consideration.

Very truly yours,


S. Derek Phelps
Executive Director

SDP/jb

Enclosure: Notice of Intent

c: Neil Pade, Town Planner, Town of Canton
Robert H. Skinner, Chief Administrative Officer, Town of Canton

EM-CING-023-090422



Cingular Wireless PCS, LLC
Enterprise Drive
Rocky Hill, Connecticut 06067-3900
Phone: (860) 513-7636
Fax: (860) 513-7190

Steven L. Levine
Real Estate Consultant

ORIGINAL

HAND DELIVERED

April 21, 2009

RECEIVED
APR 22 2009

Honorable Daniel F. Caruso, Chairman,
and Members of the Connecticut Siting Council
Connecticut Siting Council
10 Franklin Square
New Britain, Connecticut 06051

CONNECTICUT
SITING COUNCIL

Re: New Cingular Wireless PCS, LLC notice of intent to modify an existing tele-communications facility located at 96 Powder Mill Road, Canton (owner, SBA)

Dear Chairman Caruso and Members of the Council:

In order to accommodate technological changes, implement Uniform Mobile Telecommunications System ("UMTS") capability, and enhance system performance in the State of Connecticut, New Cingular Wireless PCS, LLC ("AT&T") plans to modify the equipment configurations at many of its existing cell sites. Please accept this letter and attachments as notification, pursuant to R.C.S.A. Section 16-50j-73, of construction which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(b)(2). In compliance with R.C.S.A. Section 16-50j-73, a copy of this letter and attachments is being sent to the chief elected official of the municipality in which the affected cell site is located.

UMTS technology offers services to mobile computer and phone users anywhere in the world. Based on the Global System for Mobile (GSM) communication standard, UMTS is the planned worldwide standard for mobile users. UMTS, fully implemented, gives computer and phone users high-speed access to the Internet as they travel. They have the same capabilities even when they roam, through both terrestrial wireless and satellite transmissions.

Attached is a summary of the planned modifications, including power density calculations reflecting the change in AT&T's operations at the site. Also included is documentation of the structural sufficiency of the tower to accommodate the revised antenna configuration.

The changes to the facility do not constitute modifications as defined in Connecticut General Statutes ("C.G.S.") Section 16-50i(d) because the general physical characteristics of the facility will not be significantly changed or altered. Rather, the planned changes to the facility fall

squarely within those activities explicitly provided for in R.C.S.A. Section 16-50j-72(b)(2).

1. The height of the overall structure will be unaffected.
2. The proposed changes will not extend the site boundaries. There will be no effect on the site compound other than some enlarged equipment pads as may be noted in the attachments.
3. The proposed changes will not increase the noise level at the existing facility by six decibels or more.
4. Radio frequency power density may increase due to use of one or more GSM channel for UMTS transmissions. However, the changes will not increase the calculated "worst case" power density for the combined operations at the site to a level at or above the applicable standard for uncontrolled environments as calculated for a mixed frequency site.

For the foregoing reasons, New Cingular Wireless respectfully submits that the proposed changes at the referenced site constitute exempt modifications under R.C.S.A. Section 16-50j-72(b)(2).

Please feel free to call me at (860) 513-7636 with questions concerning this matter. Thank you for your consideration.

Sincerely,



Steven L. Levine
Real Estate Consultant

Attachments

**NEW CINGULAR WIRELESS
Equipment Modification**

96 Powder Mill Road, Canton
Site Number 1114
Exempt Modification approved 2/04

Tower Owner/Manager: SBA

Equipment Configuration: Monopole

Current and/or Approved: Nine CSS panel antennas @ 137 ft AGL
Six TMA's and three diplexers @ 137 ft
Nine runs 1 5/8 inch coax cable
Equipment shelter

Planned Modifications: Remove existing antennas, TMA's, and diplexers
Install six Powerwave 7770 antennas (or equivalent) @ 137 ft
Install six TMA's and six diplexers @ 137 ft
Install three additional runs 1 5/8 inch coax

Power Density:

Worst-case calculations for existing wireless operations at the site indicate a radio frequency electromagnetic radiation power density, measured at ground level beside the tower, of approximately 14.1 % of the standard adopted by the FCC. As depicted in the second table below, the total radio frequency electromagnetic radiation power density following proposed modifications would be approximately 17.6 % of the standard.

Existing

| Company | Centerline Ht (feet) | Frequency (MHz) | Number of Channels | Power Per Channel (Watts) | Power Density (mW/cm ²) | Standard Limits (mW/cm ²) | Percent of Limit |
|---------------|----------------------|-----------------|--------------------|---------------------------|-------------------------------------|---------------------------------------|------------------|
| Other Users * | | | | | | | 10.49 |
| AT&T GSM * | 137 | 1900 Band | 2 | 427 | 0.0164 | 1.0000 | 1.64 |
| AT&T GSM * | 137 | 880 - 894 | 2 | 296 | 0.0113 | 0.5867 | 1.93 |
| Total | | | | | | | 17.1% |

* Per CSC records

Proposed

| Company | Centerline Ht (feet) | Frequency (MHz) | Number of Channels | Power Per Channel (Watts) | Power Density (mW/cm ²) | Standard Limits (mW/cm ²) | Percent of Limit |
|---------------|-------------------------|--------------------|-----------------------|---------------------------------|--|---|---------------------|
| Other Users * | | | | | | | 10.49 |
| AT&T UMTS | 137 | 880 - 894 | 1 | 500 | 0.0096 | 0.5867 | 1.63 |
| AT&T GSM * | 137 | 1900 Band | 2 | 427 | 0.0164 | 1.0000 | 1.64 |
| AT&T GSM * | 137 | 880 - 894 | 4 | 296 | 0.0227 | 0.5867 | 3.87 |
| Total | | | | | | | 17.6% |

* Per CSC records

Structural information:

The attached structural analysis by FDH Engineering (9/12/08; for Pocket's recent installation under EM-Pocket-023-080924) accounts for an AT&T equipment inventory of 12 CSS antennas, 6 TMA's, and 12 lines 1 5/8 inch coax. As shown on the attached loading comparison, this *configuration represents both greater weight and greater wind loading* than the proposed new array of 6 Powerwave antennas, 6 TMA's, 6 diplexers, and 12 lines 1 5/8 inch coax. No load-affecting equipment changes have taken place on this tower since the 9/12/08 structural was performed. Accordingly, the 9/12/08 structural is still valid for assessing the structural impacts of the proposed equipment modifications and demonstrates that there is adequate structural capacity to accommodate the proposed modifications.



New Cingular Wireless PCS, LLC
500 Enterprise Drive
Rocky Hill, Connecticut 06067-3900
Phone: (860) 513-7636
Fax: (860) 513-7190

Steven L. Levine
Real Estate Consultant

April 21, 2009

Honorable Richard J. Barlow
1st Selectman, Town of Canton
Town Hall 4 Market St.
Canton, CT 06022

Re: Telecommunications Facility – 96 Power Mill Road, Canton

Dear Mr. Barlow:

In order to accommodate technological changes, implement Uniform Mobile Telecommunications System (“UMTS”) capability, and enhance system performance in the State of Connecticut, New Cingular Wireless PCS, LLC (“Cingular”) will be changing its equipment configuration at certain cell sites.

As required by Regulations of Connecticut State Agencies (“R.C.S.A.”) Section 16-50j-73, the Connecticut Siting Council has been notified of the changes and will review Cingular’s proposal. Please accept this letter as notification under Section 16-50j-73 of construction which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(b)(2).

The accompanying letter to the Siting Council fully describes Cingular’s proposal for the referenced cell site. However, if you have any questions or require any further information on our plans or the Siting Council’s procedures, please call me at (860) 513-7636 or Mr. Derek Phelps, Executive Director, Connecticut Siting Council at (860) 827-2935.

Sincerely,

Steven L. Levine
Real Estate Consultant

Enclosure

Loading Comparison - 1114 - Canton

| | | <u>QTY</u> | <u>Length</u> | <u>Width</u> | <u>Depth</u> | <u>Weight</u> | <u>Sail Area</u> | <u>Total Sail Area (sq in)</u> | <u>Total Weight (lbs)</u> |
|---|---------------------|------------|---------------|--------------|--------------|---------------|------------------|------------------------------------|-------------------------------|
| Utilized in 9/08 Structural Analysis | | | | | | | | | |
| Antennas | CSS DUO 1417-8686 | 12 | 48 | 14 | 9 | 30.8 | 672 | 8064 | 369.6 |
| TMA's | ADC CG1900W850 | 6 | 11.7 | 11.3 | 2.8 | 15.4 | 132.21 | 793.26 | 92.4 |
| Diplexers | CSS DBC-750 | 0 | 7.9 | 6.6 | 1.3 | 4.9 | 52.14 | 0 | 0 |
| coax | twelve 1 5/8 inch | 12 | 140 | | | 0.8 | | | 1344 |
| | | | | | | | | 8857.26 | 1806 |
| Proposed | | | | | | | | | |
| Antennas | Powerwave 7770 | 6 | 55 | 11 | 5 | 35 | 605 | 3630 | 210 |
| TMA's | Powerwave LGP 21401 | 6 | 14 | 9 | 2.7 | 19 | 126 | 756 | 114 |
| Diplexers | Powerwave LGP 13519 | 6 | 4.4 | 6.3 | 3 | 5.3 | 27.72 | 166.32 | 31.8 |
| coax | twelve 1 5/8 inch | 12 | 140 | | | 0.8 | | | 1344 |
| | | | | | | | | 4552.32 | 1699.8 |
| Specs | | | | | | | | | |
| Antennas | CSS DUO 1417-8686 | | 48 | 14 | 9 | 30.8 | | | |
| | Powerwave 7770 | | 55 | 11 | 5 | 35 | | | |
| TMA's | ADC CG1900W850 | | 11.7 | 11.3 | 2.8 | 15.4 | | | |
| | Powerwave LGP 21401 | | 14 | 9 | 2.7 | 19 | | | |
| Diplexers | CSS DBC-750 | | 7.9 | 6.6 | 1.3 | 4.9 | | | |
| | Powerwave LGP 13519 | | 4.4 | 6.3 | 3 | 5.3 | | | |
| | Powerwave LGP 21903 | | 4.4 | 6.3 | 3 | 5.3 | | | |
| coax | 7/8 inch | | | | | .34 / ft | | | |
| | 1 1/4 inch | | | | | .69 / ft | | | |
| | 1 5/8 inch | | | | | .8 / ft | | | |

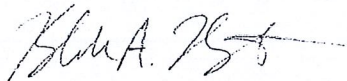
**Structural Analysis for
SBA Network Services, Inc.**

180' Monopole

**Site Name: South Canton
Site ID: CT01722-S**

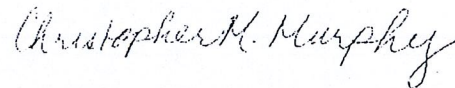
FDH Project Number 08-08176E S2

Prepared By:



Blake A. Bartok, EI
Project Engineer

Reviewed By:



Christopher M. Murphy, PE
Vice President
CT PE License No. 25842

FDH Engineering, Inc.
2730 Rowland Road, Suite 100
Raleigh, NC 27615
(919)-755-1012
info@fdh-inc.com



September 12, 2008

Prepared pursuant to ANSI/TIA-222-G Structural Standards for Antenna Supporting Structures and Antennas

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EXECUTIVE SUMMARY

At the request of SBA Network Services, FDH Engineering performed a structural analysis of the monopole located in Canton, CT to determine whether the tower is structurally adequate to support both the existing and proposed loads, pursuant to *Structural Standards for Antenna Supporting Structures and Antennas, ANSI/TIA-222-G*. Information pertaining to the existing/proposed antenna loading, current tower geometry, and member sizes was obtained from Valmont Microflect (Order No. 12156-00) Communication Pole Design Calculations dated August 3, 2000, Valmont Microflect (Order No. 12156-00) Communication Pole Record Drawings dated August 3, 2000, and SBA Network Services, Inc.

The *basic design wind speed* per *ANSI/TIA-222-G* standards is 100 MPH without ice and 50 MPH with 1" radial ice.

Conclusions

With the existing and proposed antennas from Pocket at 167 ft, the tower meets the requirements of the *ANSI/TIA-222-G* standards. Furthermore, provided the foundation was constructed to support the original design reactions (Valmont Microflect Drawing No. DD0954Z), the foundation should have the necessary capacity to support both the proposed and existing 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 is accurate (i.e., the steel data, tower layout, current and proposed antenna loading) and that the tower will be properly erected and maintained per the original design drawings.

Recommendations

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

1. The proposed coax should be installed inside the pole's shaft.

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 this layout, FDH should be contacted to perform a revised analysis.*

Table 1 – Appurtenance Loading

Existing Loading:

| Antenna | Centerline Elevation (ft) | Coax and Lines ¹ | Carrier | Mount Type | Description |
|---------|---------------------------|-----------------------------|----------|--|--|
| 1-6 | 177 | (6) 1-5/8" | Sprint | (1) 13' Platform w/Handrails (assumed) | (6) Andrew DB980H90E-M |
| 7-18 | 147 | (12) 1-5/8" | Verizon | (1) 13' Low-Profile Platform (assumed) | (6) Andrew DB844H90E-SXY (6) Andrew DB950F85E-M |
| 19-30 | 137 | (12) 1-5/8" ² | Cingular | (3) 10' T-Arms (assumed) | (12) CSS DUO1417-868-40 (6) TMA |

¹ Coax installed inside the pole's shaft, unless otherwise noted.

² Currently, Cingular has (9) CSS DUO1417-868-40 antennas and (9) 1-5/8" coax installed at 137 ft. According to information provided by SBA, Cingular may install up to (12) DUO-1417-868-40 and (12) 1-5/8" coax. Analysis performed with total leased loading in place.

Proposed Loading:

| Antenna | Centerline Elevation (ft) | Coax and Lines | Carrier | Mount Type | Description |
|---------|---------------------------|----------------|---------|-----------------------------|----------------------|
| 1-3 | 167 | (6) 1-5/8" | Pocket | (3) Direct Mounts (assumed) | (3) Kathrein 742 213 |

RESULTS

Based on information obtained from the original design drawings, the yield strength of steel for individual members was as follows:

Table 2 - Material Strength

| Member Type | Yield Strength |
|----------------------|----------------|
| Tower Shaft Sections | 65 ksi |
| Base Plate | 60 ksi |
| Anchor Bolts | 75 ksi |

Table 3 displays the ratio (as a percentage) of actual force in the member to their allowable capacities. Values greater than 100% indicate locations where the maximum force in the member exceeds its allowable 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 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 **Pole Profile** for detailed modeling information.

Table 3 – Summary of Working Percentage of Structural Components

| Section No. | Elevation ft | Component Type | Size | % Capacity | Pass Fail |
|-------------|-------------------|----------------|------------------------|------------|-----------|
| L1 | 180 - 131.75 | Pole | TP36.25x26.84x0.25 | 28.5 | Pass |
| L2 | 131.75 - 91.6667 | Pole | TP43.56x34.7261x0.2813 | 57.0 | Pass |
| L3 | 91.6667 - 45.4167 | Pole | TP52.02x41.7634x0.4375 | 55.8 | Pass |
| L4 | 45.4167 - 0 | Pole | TP60x49.7146x0.5 | 61.0 | Pass |
| | | | Anchor Bolts | OK | Pass |
| | | | Base Plate | OK | Pass |

Table 4 – Maximum Base Reactions

| Base Reactions | Current Analysis (ANSI/TIA-222-G) | Original Design Reactions (TIA/EIA-222-F)* |
|----------------|-----------------------------------|--|
| Axial | 57 k | 53 k |
| Shear | 36 k | 39 k |
| Moment | 3,938 k-ft | 4,924 k-ft |

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

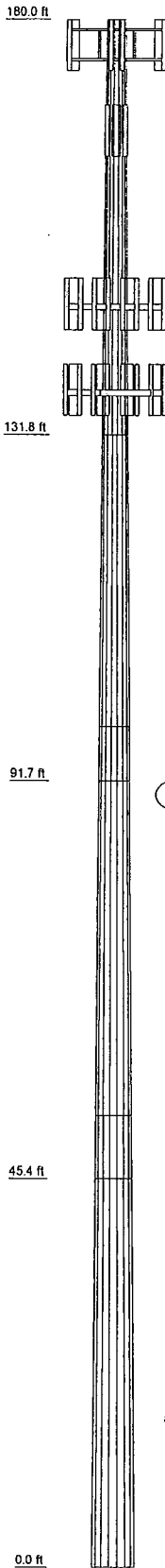
GENERAL COMMENTS

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 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.

| | | | | | |
|-----------------|---------|---------|---------|---------|------|
| Section | 1 | 2 | 3 | 4 | |
| Length (ft) | 48.25 | 45.33 | 52.58 | 52.75 | |
| Number of Sides | 16 | 16 | 16 | 16 | |
| Thickness (in) | 0.2500 | 0.2813 | 0.4375 | 0.5000 | |
| Lap Splice (ft) | | | 7.33 | | |
| Top Dia (in) | 26.8400 | 34.7261 | 41.7634 | 49.7146 | |
| Bot. Dia (in) | 36.2500 | 43.5600 | 52.0200 | 60.0000 | |
| Grade | | | A572-65 | | |
| Weight (K) | 4.1 | 5.4 | 11.6 | 15.6 | 36.6 |



DESIGNED APPURTENANCE LOADING

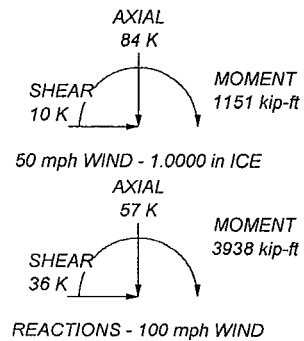
| TYPE | ELEVATION | TYPE | ELEVATION |
|--|-----------|---|-----------|
| (2) DB980H90E-M w/Mount Pipe (Sprint) | 177 | (2) DB950F85E-M w/Mount Pipe (Verizon) | 147 |
| (2) DB980H90E-M w/Mount Pipe (Sprint) | 177 | 13' Low Profile Platform (Monopole) (Verizon) | 147 |
| (2) DB980H90E-M w/Mount Pipe (Sprint) | 177 | (4) DUO1417-868-40 w/Mount Pipe (Cingular) | 137 |
| 13' Platform w/handrails (Monopole) (Sprint) | 177 | (4) DUO1417-868-40 w/Mount Pipe (Cingular) | 137 |
| 742 213 W/Pipe Mount (Pocket) | 167 | (4) DUO1417-868-40 w/Mount Pipe (Cingular) | 137 |
| 742 213 W/Pipe Mount (Pocket) | 167 | (2) TMA (Cingular) | 137 |
| 742 213 W/Pipe Mount (Pocket) | 167 | (2) TMA (Cingular) | 137 |
| (2) DB844H90E-SXY w/Mount Pipe (Verizon) | 147 | (2) TMA (Cingular) | 137 |
| (2) DB844H90E-SXY w/Mount Pipe (Verizon) | 147 | 2' Standoff T-Arm (10' face width) (Cingular) | 137 |
| (2) DB844H90E-SXY w/Mount Pipe (Verizon) | 147 | 2' Standoff T-Arm (10' face width) (Cingular) | 137 |
| (2) DB950F85E-M w/Mount Pipe (Verizon) | 147 | 2' Standoff T-Arm (10' face width) (Cingular) | 137 |
| (2) DB950F85E-M w/Mount Pipe (Verizon) | 147 | | |

MATERIAL STRENGTH

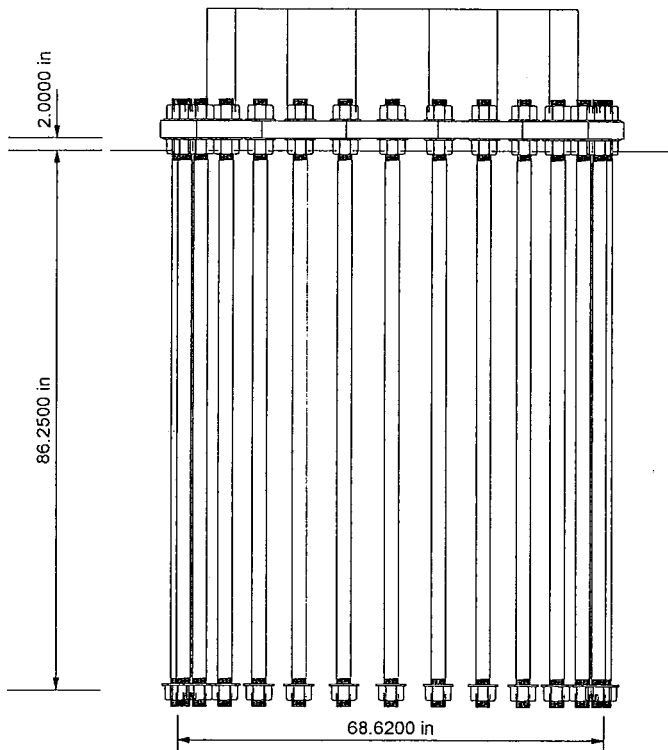
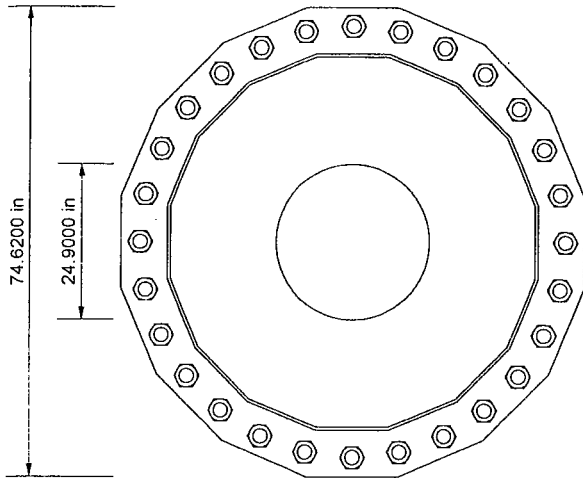
| GRADE | Fy | Fu | GRADE | Fy | Fu |
|---------|--------|--------|-------|----|----|
| A572-65 | 65 ksi | 80 ksi | | | |

TOWER DESIGN NOTES

1. Tower is located in Hartford County, Connecticut.
2. Tower designed for Exposure C to the TIA-222-G Standard.
3. Tower designed for a 100 mph basic wind in accordance with the TIA-222-G Standard.
4. Tower is also designed for a 50 mph basic wind with 1.00 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.



| | | |
|---|---|---------------------------------|
| FDH Engineering, Inc. 2730 Rowland Road, Suite 100 Raleigh, North Carolina Phone: (919) 755-1012 FAX: (919) 755-1031 Tower Analysis | Job: South Canton (CT01722-S) | |
| | Project: 08-08176E S2 | |
| | Client: SBA Code: TIA-222-G Path: | Drawn by: BAB Date: 09/12/08 |
| | App'd: | Scale: NT |
| | Dwg No. E- | |



FOUNDATION NOTES

1. Plate thickness is 2.7500 in.
2. Plate grade is A633-60.
3. Anchor bolt grade is A615-75.
4. f_c is 4 ksi.

| | | | | | |
|---|------------------------------|--|--------------------------------------|----------------|-----------|
| <small>11/05</small> <small>09/08</small> <small>2/22</small> FDH Tower Analysis | FDH Engineering, Inc. | | Job: South Canton (CT01722-S) | | |
| | 2730 Rowland Road, Suite 100 | | Project: 08-08176E S2 | | |
| | Raleigh, North Carolina | | Client: SBA | Drawn by: BAB | App'd: |
| | Phone: (919) 755-1012 | | Code: TIA-222-G | Date: 09/12/08 | Scale: NT |
| | FAX: (919) 755-1031 | | Path: | Dwg No. F- | |
| Z:\2008 Projects\08-August\08-08176E\South Canton, CT\Analysis\South Canton, CT\01722-S.dwg | | | | | |