

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 3, 2009

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

RE: **EM-CING-069-090213** - New Cingular Wireless PCS, LLC notice of intent to modify an existing telecommunications facility located at 43 Connecticut Mills Avenue, Killingly, 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 replacement antennas shall be painted to match the tower if technically feasible; and
- The Council shall be notified in writing that the replacement antennas were painted to match the tower or in the alternative to explain why painting the antennas was not technically feasible.

The proposed modifications are to be implemented as specified here and in your notice dated February 11, 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.

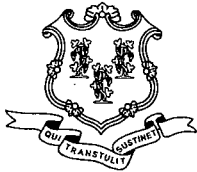
Very truly yours,

A handwritten signature in black ink that reads "S. Derek Phelps". The signature is written in a cursive style with a small "inc" written below the name.

S. Derek Phelps
Executive Director

SDP/MP/laf

c: The Honorable Janice Thurlow, Chairman Town Council, Town of Killingly
Bruce E. Benway, Town Manager, Town of Killingly
Roger Gandolf, Zoning Officer, Town of Killingly
Mountaintop Services



STATE OF CONNECTICUT

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Internet: ct.gov/csc

Daniel F. Caruso
Chairman

February 18, 2009

The Honorable Janice Thurlow
Chairman Town Council
Town of Killingly
Town Office Building
172 Main Street
P. O. Box 6000
Danielson, CT 06239-6000

RE: **EM-CING-069-090213** - New Cingular Wireless PCS, LLC notice of intent to modify an existing telecommunications facility located at 43 Connecticut Mills Avenue, Killingly, Connecticut.

Dear Ms. Thurlow:

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 March 4, 2009.

Thank you for your cooperation and consideration.

Very truly yours,

S. Derek Phelps
Executive Director

SDP/jb

Enclosure: Notice of Intent

c: Roger Gandolf, Zoning Officer, Town of Killingly
Bruce E. Benway, Town Manager, Town of Killingly



EM-CING-069-090213



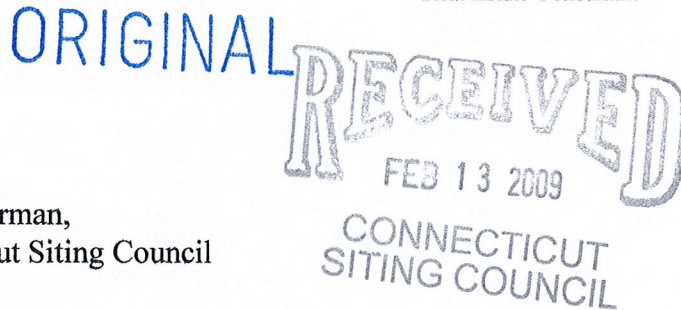
New Cingular Wireless PCS, LLC
500 Enterprise Drive
Rocky Hill, Connecticut 06067-3900
Phone: (860) 513-7636
Fax: (860) 513-7190

Steven L. Levine
Real Estate Consultant

HAND DELIVERED

February 11, 2009

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



Re: New Cingular Wireless PCS, LLC notice of intent to modify an existing tele-communications facility located at 43 Connecticut Mills Avenue, Killingly (manager, Mountaintop Services)

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

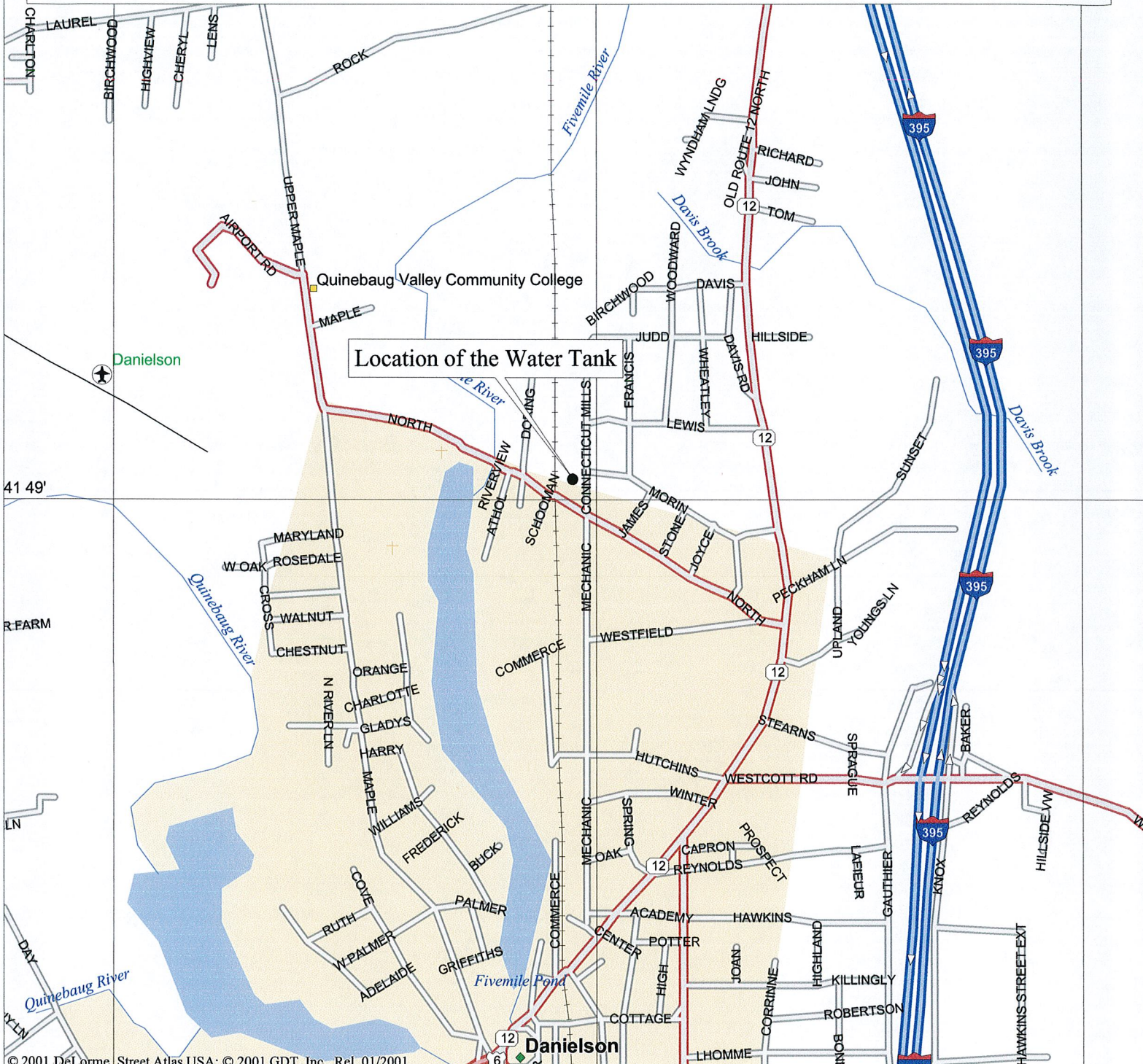
Proposed

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							0.00
Cingular UMTS	121	880 - 894	1	500	0.0123	0.5867	2.09
Cingular GSM	121	1900 Band	2	427	0.0210	1.0000	2.10
Cingular GSM	121	880 - 894	4	296	0.0291	0.5867	4.96
Total							9.1%

Structural information:

The attached structural analysis demonstrates that the water tank has sufficient structural capacity to accommodate the proposed modifications. (Hudson Design Group, 12/19/08)

Killingly - CT Mills Ave Water Tank



© 2001 DeLorme, Street Atlas USA; © 2001 GDT, Inc., Rel. 01/2001

Mag 15.00
 Wed Feb 11 15:52 2009
 Scale 1:15,625 (at center)
 1000 Feet
 500 Meters

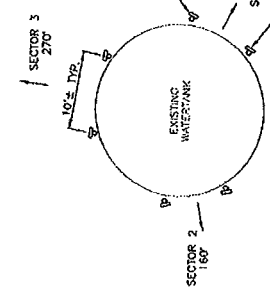
- | | | | |
|--|---------------------------|--|-------------------|
| | Local Road | | Airfield |
| | Major Connector | | Locale |
| | State Route | | Public Airport |
| | Interstate/Limited Access | | Cemetery |
| | US Highway | | Population Center |
| | Railroad | | Water |
| | Point of Interest | | River/Canal |
| | Small Town | | |

REF. TABLE

SECTOR	SECTOR NAME	ANTENNA MAKE & MODEL	AZIMUTH	ROAD CENTER	MECHANICAL DOWNHILL	TWA COUNT	DIPLEXER COUNT	# OF COAX CABLES
1	ALPHA	POWERWAVE 7770	20°*	121'±	0*	2 PROPOSED 0 EXISTING	2 PROPOSED 0 EXISTING	2 PROPOSED 2 EXISTING
2	BETA	POWERWAVE 7770	160°*	121'±	0*	2 PROPOSED 0 EXISTING	2 PROPOSED 0 EXISTING	2 PROPOSED 2 EXISTING
5	GAMMA	POWERWAVE 7770	270°*	121'±	0*	2 PROPOSED 0 EXISTING	2 PROPOSED 0 EXISTING	2 PROPOSED 2 EXISTING

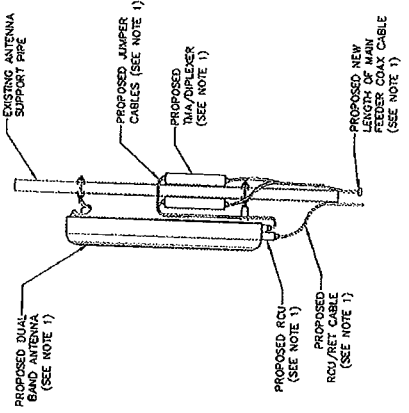
NOTE: AN ANALYSIS FOR THE CAPACITY OF THE EXISTING STRUCTURES AND EQUIPMENT SHALL BE DETERMINED PRIOR TO CONSTRUCTION.

NOTE: REFER TO THE FINAL RF DATA SHEET FOR FINAL ANTENNA SETTINGS.

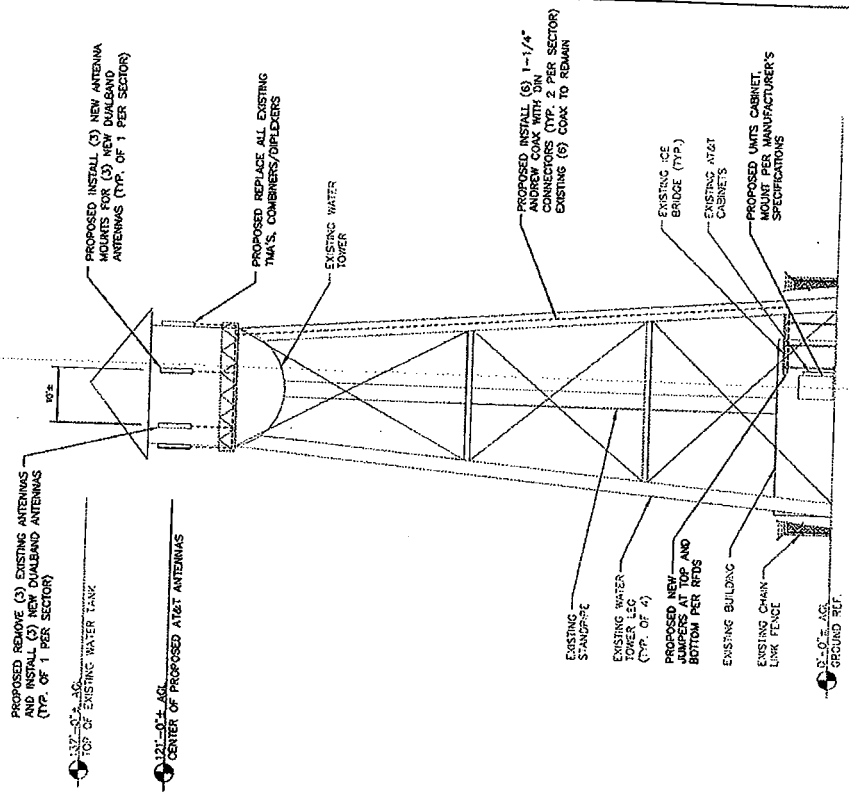


ANTENNA PLAN
SCALE: N.T.S.

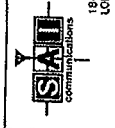
NOTES:
1. REFER TO RF CABLES & SECTOR SCHEMATICS FOR QUANTITY REQUIRED PER SECTOR



PROPOSED ANTENNA DETAIL
SCALE: N.T.S.



EAST ELEVATION
SCALE: 3/32"=1'-0"



SITE NUMBER: 5462
SITE NAME: KILLINGLY NORTH CENTRAL
43 CONNECTICUT AVENUE
DANIELSON, CT 06239
WINDHAM COUNTY

at&t
500 ENTERPRISE DRIVE, SUITE 3A
ROCKY HILL, CT 06067

NO. DATE	ISSUED FOR CONSTRUCTION	BY	CHK	APP
0-11/23/08	ISSUED FOR CONSTRUCTION	BY	CHK	APP
NO. DATE	REVISION	BY	CHK	APP
5462.01				

AT&T

ANTENNA LAYOUT AND ELEVATION

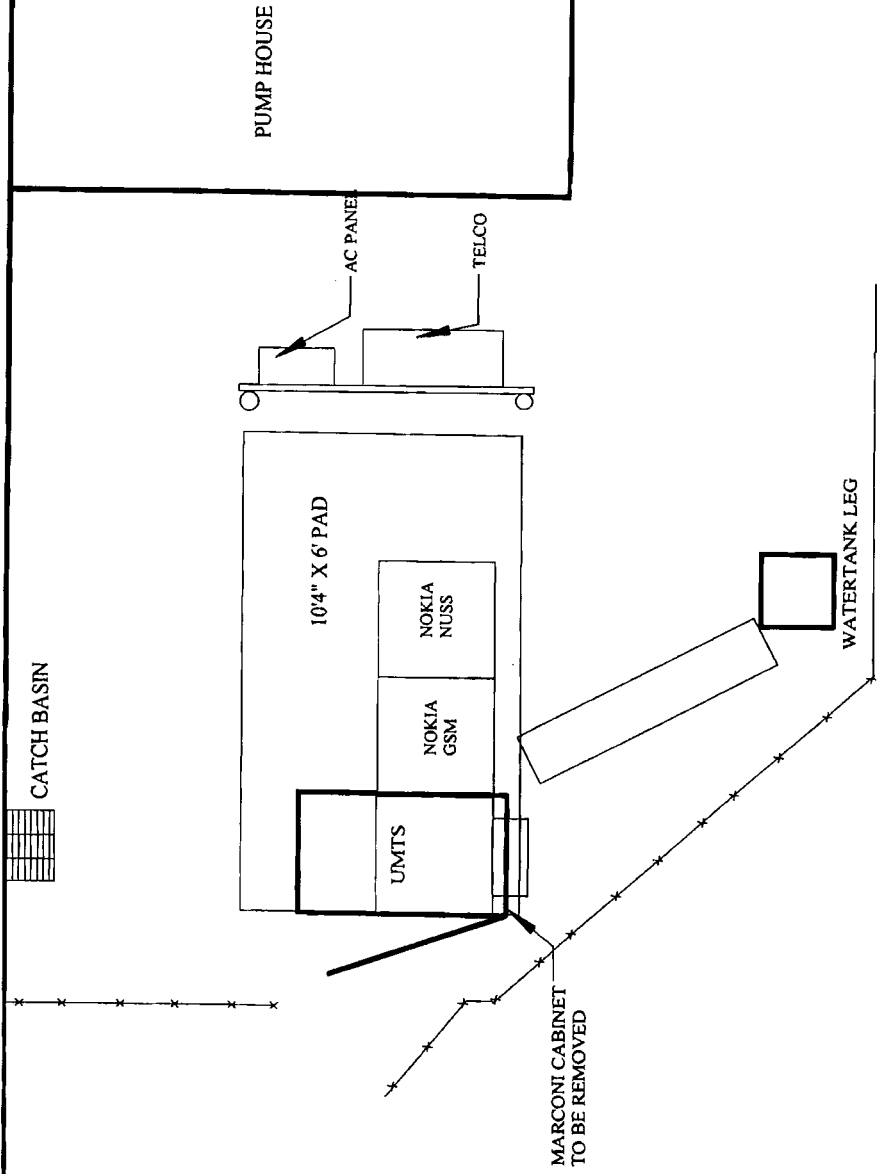
JOB NUMBER	5462.01
DATE	11-23-08
SCALE	AS SHOWN
DESIGNED BY	OC
DRAWN BY	BN
CHECKED BY	BN
DATE	11-23-08
BY	CHK
APP	



SITENUMBER:
5462
SITE NAME
Killingly North Central

TITLE:	EQUIPMENT PLAN
MISC. INFO:	
DWG. BY:	SGB
DATE:	07/07/08
SCALE:	N.T.S.
SHEET:	1 OF 1

PUMP HOUSE



TOWN OF KILLINGLY

The Killingly Planning and Zoning Commission, in accordance with the provisions of Public Act Number 75-317, State of Connecticut, took the following action on September 9, 2002:

Approved with conditions Special Permit Application #02-804 – AT &T (Cuddy & Feder & Worby)

said action is hereby submitted to the Office of the Killingly Town Clerk for recording within the Killingly Land Records (and indexing within the grantor's index).

1. Description of premises:
43 Connecticut Mills Avenue; GIS Map 176 Lot 95; Industrial Zone.
2. Nature of the special permit:
for six panel antennae on existing water tank
3. Conditions of Approval: -
 1. There is to be discussion with staff and a compromise reached, with painting of the water tank expected to occur. (Staff note: Staff believes the intent of this conditions is to ensure that the tank is painted and antennae matched to it to make the tank and antennae as unobtrusive aesthetically as possible. Staff further believes that discussion/agreement between the applicant and property owner as to who is responsible for cost is the intent.)
 2. Security fencing of the equipment cabinet and tank is to be provided and is to be black PVC dipped chain link fencing (posts and fencing).
 3. Landscaping of the equipment cabinet area satisfactory to staff is to be provided.
 4. Demonstration of the structural analysis of the water tank tower and its existing integrity and then suitability to hold the antennae is to be provided to the town prior to the issuance of permits (particularly building permits).

4. Zoning by-law, ordinances or regulation which is varied, altered, or to which special permit is granted:

Section 430.1.2d – Public Service Corporation

5. Name(s) of Owner: Cuddy & Feder & Worby LLP
Attn: Lucia Chiochio
90 Maple Avenue
White Plains, NY 10601-5196

RECEIVED
TOWN OF KILLINGLY, CT.
02 NOV 26 AM 10:46

This information is certified by

Denise O. Allen
Authorized Signature
Denise O. Allen

11/09/02
Date

Christine L. Holder
Position

DATE: 10/29/02

TOWN OF KILLINGLY, CONNECTICUT
 ZONING PERMIT

Complete Items #1-9 and the plot plan on the reverse side of the top sheet.

1. Location of Property 43 CONNECTICUT ~~AVENUE~~ WELLS AVE.
 House # & Street
 Tax Map Number 176 Block — Lot 95 Zoning District MD Volume 387 Page 251 List 1193
 2. Property Owner's Name MORGAN WHITING, INC. Phone 860-674-7772
 3. Property Owner's Address if different from property location _____
 4. Applicant's Name and Address if different from Property Owner's Name and Address BRECHTER CORP.
210 POMEROY AVE. MERIDEN, CT 06450 Phone 860-630-9042

5. Lot Size 7.4 AC Lot Frontage _____
 6. This permit is applied for in accordance with the requirements of the Town of Killingly and/or Borough of Danielson Zoning Regulations for:
 new construction excavating/filling/earth removal
 addition sign
 accessory structure (sheds, satellite dishes, etc.) change of use
 swimming pool other _____
 7. Proposed structure or project —
 Provide description and dimensions:
INSTALL ANTENNA'S ON EXISTING WATERPARK
& COMMUNICATION EQUIP ON CONC. SLAB

8. Property Use:
 single family residential
 two-family residential
 mobile home — residential
 multi-family — residential
 Industrial specify _____
 Commercial specify COMMUNICATIONS
 Professional and Business specify _____

9. PERMIT VOID IF ...
 work or activity is not commenced within one year from the date of issue and diligently prosecuted to completion.
 This permit, if issued, is based upon the plot plan submitted. Falsification, by misrepresentation or omission, or failure to comply with the conditions of approval of this permit shall constitute a violation of the Town of Killingly and/or Borough of Danielson Zoning Regulations.
 Agents of the Town of Killingly are authorized to enter upon the property for the purpose of inspection and verification of compliance with the terms of this permit.
[Signature]
 (Signature of Owner or authorized agent)
860-563-2341
 (Agent's phone #)

FOR OFFICE USE ONLY: NA > 200' to
 Inland Wetlands wetlands ref: G-15 map
26.65 soils
 Historic District? Yes No
 Slope greater than 15%? Yes No
 Flood Hazard Zone? NP
 Aquifer Protection Zone? Yes No
 Public Sewer On-Site Septic
 Site Plan Review Necessary? Yes No
 Applicant's Name _____
 Application No. _____
 P&Z Commission Approval Date _____

Driveway Permit N/A
 Special Permit necessary? Yes No
 Applicant's Name AT+T
 Application No. 02-804
 P&Z Commission Approval Date 9-9-02
 Subdivision necessary? Yes No
 Applicant's Name _____
 Application No. _____
 P&Z Commission Approval Date _____
 Variance Necessary? Yes No
 Applicant's Name _____
 Application No. _____
 ZBA Approval Date _____

Approved Disapproved _____ Date 11/26/02
 Reason for Disapproval: _____

Comments: Adhering to all conditions of Special Permit
approved + requirements
[Signature]
 [Signature]

**TOWN OF KILLINGLY
CONNECTICUT**

**172 Main St., Danielson, CT 06239
Joseph A. Pajak, Building Official**

CERTIFICATE OF COMPLETION

Owned/Applicant BECHTEL CORPORATION this is

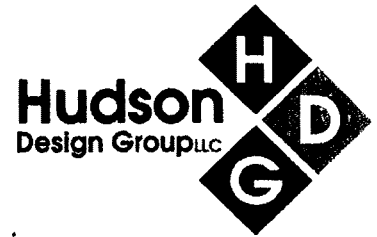
to certify that Building Permit No. 15621, Use Group ---, Type of
construction ---, conforms substantially to the requirements of the
Connecticut Basis Building Code and is hereby approved for use/occupancy as
indicated below.

43 CONNECTICUT MILLS AVENUE

Dec 18, 2003

Date

Joseph Pajak
Joseph Pajak
Building Official



December 19, 2008

Tim Burks
AT&T
500 Enterprise Drive
Rocky Hill, CT 06067

RE: Structural Assessment
Site Number: 5462
Site Name: Killingly North Central

To whom it concerns:

Hudson Design Group LLC (HDG) has been authorized by AT&T to assess the structural capability of this referenced site with regard to the existing structure's ability to support the following field changes: **1.) replace three existing antennas with six new Powerwave 7770 antennas, TMA's and Diplexers. 2.) Design three new custom steel mounts secured to the existing water tank.**

Hudson Design Group performed a visual survey of the above structure and has completed a review of photos and referenced as-built documents prepared by Tectonic/Keyes Associates dated 11-21-2002. The existing equipment locations are referenced in HDG's drawings dated 11-13-2008 (attached).

Based on our evaluation, we have determined that the **EXISTING ANTENNA MOUNTS AND SUPPORTING STRUCTURE ARE ADEQUATE TO SUPPORT THE ABOVE FIELD CHANGES.** This evaluation is based on the requirements of the requirements of the TIA/EIA-222-F in conjunction with the International Building Code, with the 2005 Connecticut Supplement. Calculations and referenced documents submitted upon request.

This determination was based on the following limitations and assumptions:

1. Equipment and locations should not deviate from the construction drawings without written approval of the engineer.
2. HDG is not responsible for any modifications completed prior to and hereafter which HDG was not directly involved.
3. This conclusion is based upon the assumption that the existing antenna support structure(s) was/were constructed per the referenced plans and its components are free from damage or defects at this time.
4. New custom steel support mounts for the three new antennas will be designed and furnished in the Construction Drawings.

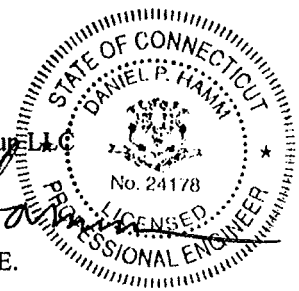
If you have any questions about this project, please contact our office.

Respectfully Submitted,
Hudson Design Group LLC

Michael Cabral
Project Engineer

Approved by:
Hudson Design Group LLC

Daniel P. Hamm, P.E.
Principal

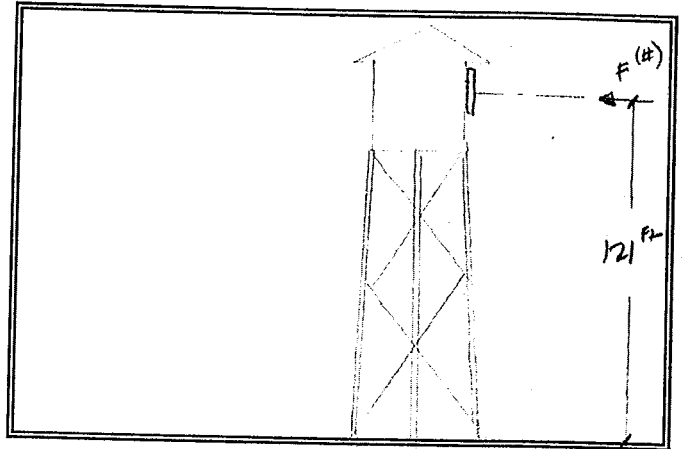


2.3.5 Structure Force Coefficients (Reference Table 1)

Site Name KILIMULY NORTH CENTRAL
 Site No. 3462
 Done by: MC Checked by: _____
 Date: 12/19/2008



Proposed Lower Antennas



=Input Values

V= **85** (mph)
 z= **121** (ft)
 K_z= **1.45**

Velocity Pressure: qz= 26.81 psf [2.3.3]

Is member analyzing a tube pole structure?

If yes, then: Gh= 1.69
 If no, then use value below:
 Gh= 1.15

[2.3.4.1]

Gh= 1.69

Determine Cf:

1

If lattice structure see manual...

If cantilevered tube pole, then:

Use Correct Value form Table 1 Below:

Table 1					
Force Coefficients (C _F) for Cantilevered Tubular Pole Structures					
C (mph ft)	Round	16 Sided r < 0.26	16 Sided r ≥ 0.26	12 Sided	8 Sided
< 32	1.20	1.20	1.20	1.20	1.20
32 to 64	$\frac{130}{(C)^{1.3}}$	$1.78 + 1.40r - \frac{C}{91.5} - \frac{C(r)}{22.9}$	$.72 + \frac{(64 - C)}{44.8}$	$\frac{12.5}{(C)^{.6}}$	1.20
> 64	.59	1.08 - 1.40r	.72	1.03	1.20

Derivation of Structure Coefficient (C_f):

D_p = Avg. Diam. or Avg. Least width of Tubular Pole Structure: 0.2 feet

$C = \sqrt{K_z} V D_p$ for D_p in ft [m]

C= 20.47

C (mph ft)	Round Only Member
<32	1.2
32 < 64	2.57
> 64	0.59

(Max Cf= 1.2) Cf= 1.2
 (Min Cf= 0.59)

Determine Ae: [2.3.6]

If tube structure, then use projected area including ice:
 If not a tube structure, then see manual.

Ae= 0.00 sf

Determine Ca: [2.3.7]

2.3.7 The force coefficient (C_A) applied to the projected area (ft^2) [m^2] of a linear appurtenance (A_A) not considered as a structural component shall be determined from Table 3. The force coefficient for cylindrical members may be applied to the additional projected area of radial ice when specified. (Refer to Figure 1.)

Table 3		
Appurtenance Force Coefficients		
Member Type	Aspect Ratio ≤ 7	Aspect Ratio > 25
	C_A	C_A
Flat	1.4	2.0
Cylindrical	0.8	1.2

Aspect Ratio = Overall length/width ratio in plane normal to wind direction. (Aspect ratio is not a function of the spacing between support points of a linear appurtenance, nor the section length considered to have a uniformly distributed force.)

Note: Linear interpolation may be used for aspect ratios other than shown.

2.3.8 Regardless of location, linear appurtenances not considered as structural components in accordance with 2.3.6.3 shall be included in the term $\sum C_A A_A$.

2.3.9 The horizontal force (F) applied to a section of the structure may be assumed to be uniformly distributed based on the wind pressure at the mid-height of the section.

	Item #1	Item #2	Item #3	Item #4
Member Length (Inches):	55	14	14	
Member Width (Inches):	11	6	6	
Calculated Aspect Ratio:	5	2	2	#DIV/0!
From Table 3 Above: Ca=	1.4	1.4	1.4	

ANTENNA
TMAS

Determine Aa: (sf)

From above:

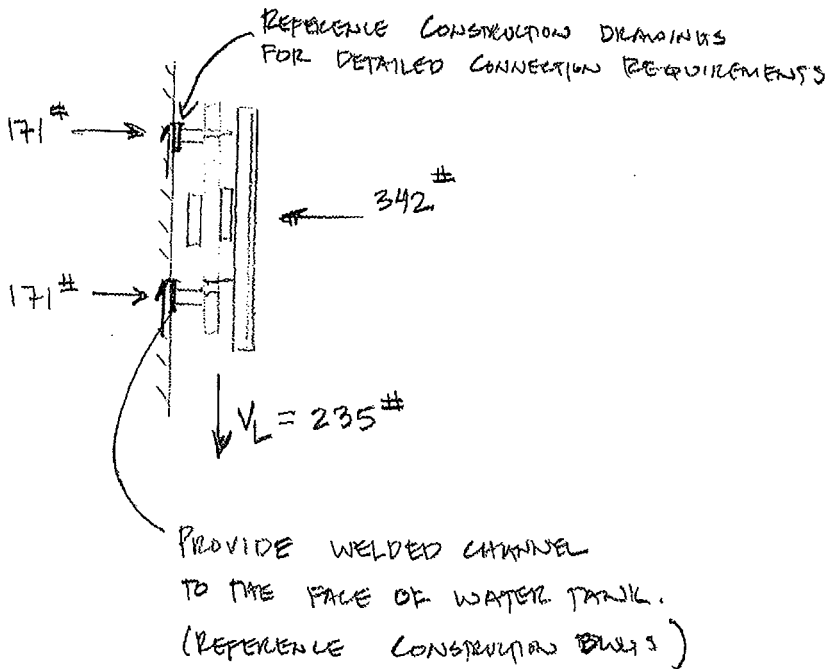
	Item #1	Item #2	Item #3	Item #4
Aa=	4.20	0.58	0.58	0.00

Calculated Ca*Aa:	5.88	0.82	0.82	0.00
Calculated Sums of Ca*Aa:	7.52 sf			

Wind Force $F = qz * Gh [Cf * Ae + \sum(Ca * Aa)]$

F =	340.51 Pounds
-----	---------------

Item 1 calculated force F:	266.5053
Item 2 calculated force F:	37.00239
Item 3 calculated force F:	37.00239
Item 4 calculated force F:	0



ICE WEIGHT CALCULATIONS

Project: 3462 Killingly North Central

Thickness of ice: 1.25

Weight of ice based on total radial SF area: **Antenna**

Depth (in): 6

height (in): 55

Width (in): 11

Total weight of ice on object: 76 pounds ice

Weight of object: 40 pounds

Combined weight of ice and object: 116 pounds

Per foot weight of ice:

pipe weight per foot: 3.65

pipe length (ft): 8

diameter (in): 2.375

Per foot weight of ice on object: 4 pounds ice /ft

Total weight of ice on object: 29 pounds

Total weight of pipe: 29.2 pounds

Combined weight of pipe and ice: 58 pounds

Weight of ice based on total radial SF area: **TMA (2)**

Depth (in): 4

height (in): 13

Width (in): 6

Total weight of ice on object: 11 pounds ice

Weight of object: 20 pounds

Combined weight of ice and object: 61 pounds

TOTAL VERTICAL LOAD: **235 pounds**

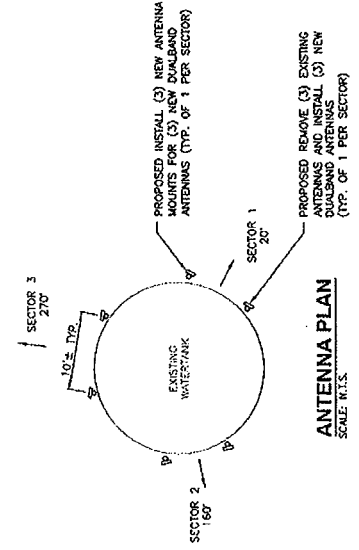
* Density of ice used = 56 PCF

REF. TABLE

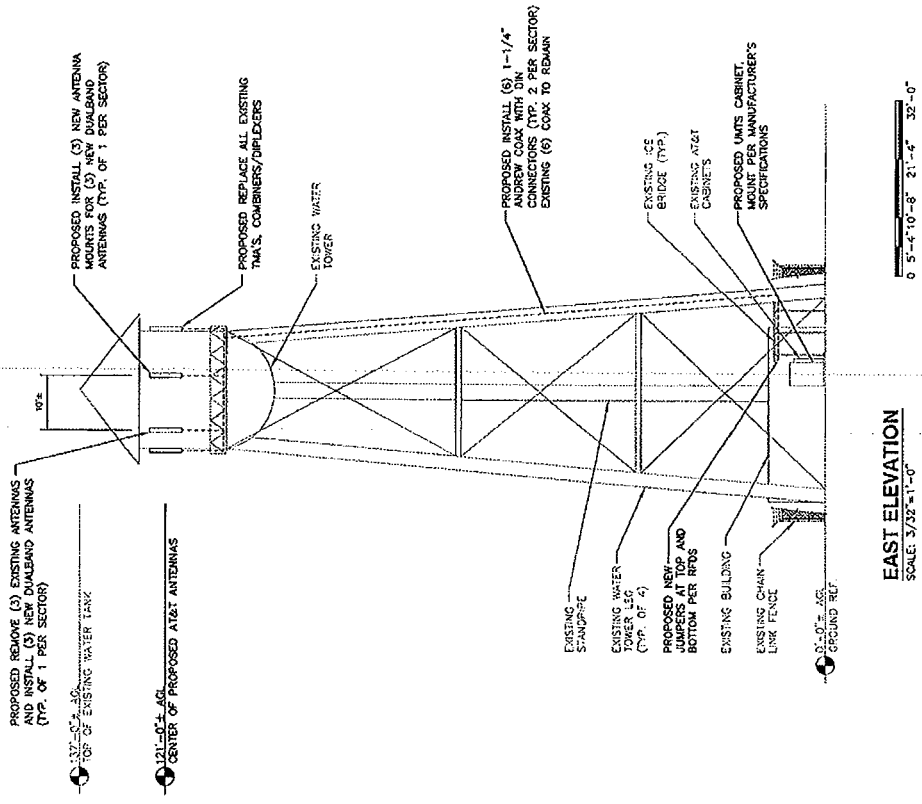
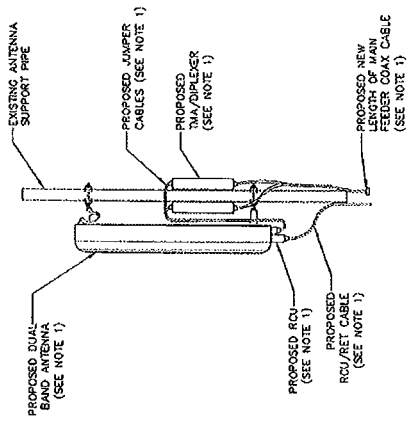
SECTOR NAME	ANTENNA MAKE & MODEL	ANTENNA COUNT	AZIMUTH CENTER	RAD CENTER	MECHANICAL DOWNHILL	TWA COUNT	DIPLEXER COUNT	# OF COAX CABLES
1	ALPHA POWERWAVE 7770	2 PROPOSED 0 EXISTING	20° ±	121' ±	0*	2 PROPOSED 0 EXISTING	2 PROPOSED 0 EXISTING	2 PROPOSED 0 EXISTING
2	BETA POWERWAVE 7770	2 PROPOSED 0 EXISTING	160° ±	121' ±	0*	2 PROPOSED 0 EXISTING	2 PROPOSED 0 EXISTING	2 PROPOSED 0 EXISTING
3	GAMMA POWERWAVE 7770	2 PROPOSED 0 EXISTING	270° ±	121' ±	0*	2 PROPOSED 0 EXISTING	2 PROPOSED 0 EXISTING	2 PROPOSED 0 EXISTING

NOTE:
AN ANALYSIS FOR THE CAPACITY OF THE ANTENNA SUPPORT STRUCTURE TO SUPPORT THE PROPOSED EQUIPMENT SHALL BE DETERMINED PRIOR TO CONSTRUCTION.

NOTE: *
REFER TO THE FINAL RF DATA SHEET FOR FINAL ANTENNA SETTINGS.



NOTES:
1. REFER TO RF CONFIG & SECTOR SCHEMATICS FOR QUANTITY REQUIRED PER SECTOR



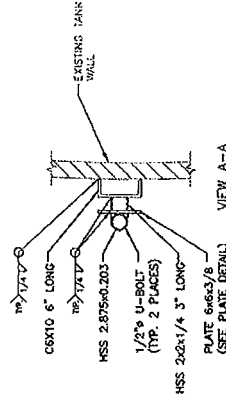
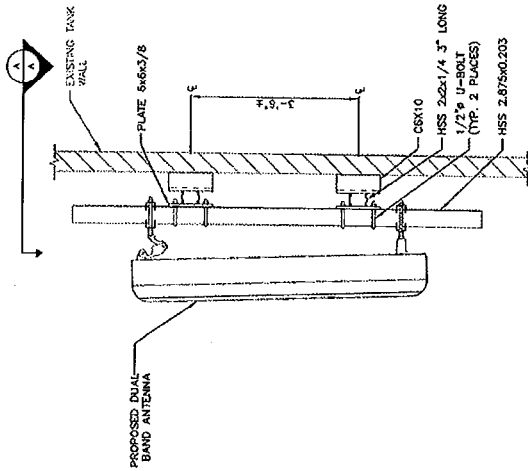
Hudson
Design Group
4600 ROUTE 1
KANSAS CITY, MO 64114
TEL: (816) 451-2000
FAX: (816) 241-2000

SAI
Communications
184 ROCKINGHAM ROAD, UNIT A
LONDON, ONTARIO, N6C 3S3

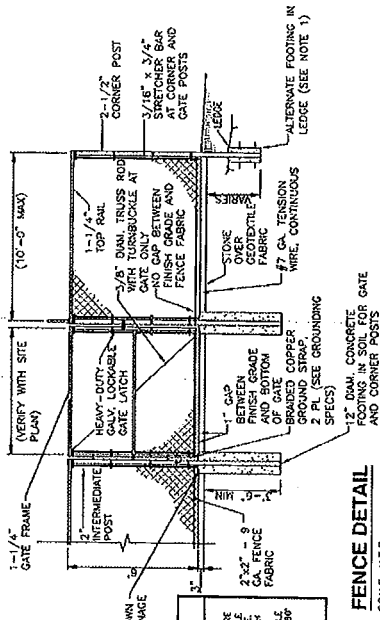
SITE NUMBER: 5462
SITE NAME: MILLINGLY NORTH CENTRAL
43 CONNECTICUT AVENUE
DANFELSON, CT 06239
WINDHAM COUNTY

500 ENTERPRISE DRIVE, SUITE 2A
ROCKY HILL, CT 06067

ANTENNA LAYOUT AND ELEVATION			
NO.	REVISION	DATE	BY
1	ISSUED FOR CONSTRUCTION	06/11/08	DR
2	REVISED	06/11/08	DR
3	REVISED	06/11/08	DR
4	REVISED	06/11/08	DR
5	REVISED	06/11/08	DR
6	REVISED	06/11/08	DR
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97	REVISED	06/11/08	DR
98	REVISED	06/11/08	DR
99	REVISED	06/11/08	DR
100	REVISED	06/11/08	DR



MOUNT DETAIL
SCALE: N.T.S.



FENCE DETAIL
SCALE: N.T.S.

FENCE NOTES

1. ALTERNATE FOOTINGS FOR ALL FENCE POSTS IN LEDGE IF LEDGE IS NOT AVAILABLE. ALL POSTS SHALL BE 2\"/>

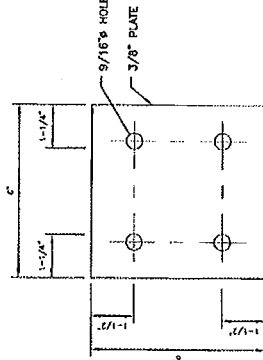
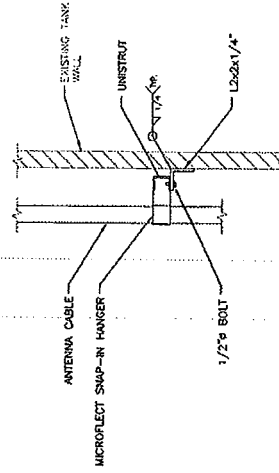


PLATE DETAIL
SCALE: N.T.S.



CABLE DETAIL
SCALE: N.T.S.



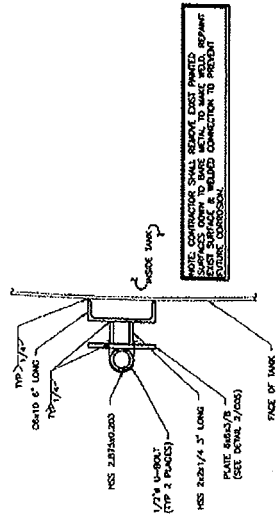
at&t
500 ENTERPRISE DRIVE, SUITE 3A
ROCKY HILL, CT 06867

SITE NUMBER: 5462
SITE NAME: KILLINGLY NORTH CENTRAL
43 CONNECTICUT AVENUE
WILSON, CT 06239
YANDELL COUNTY

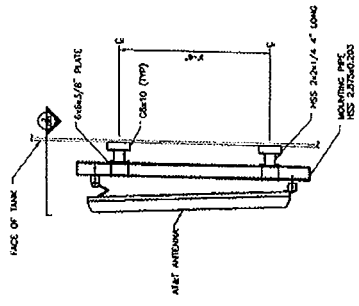
AT&T	
DETAILS	
NO.	DATE
0	11/13/08
DESIGNED FOR CONSTRUCTION	BY: CHS/KPS
REVISIONS	DATE
SCALE: AS SHOWN	EXPOSED BY: DC
DESIGNED BY: RN	DRAWN BY: RN
JOB NUMBER	5462.01
DATE	A-3
REV	0

NOTES

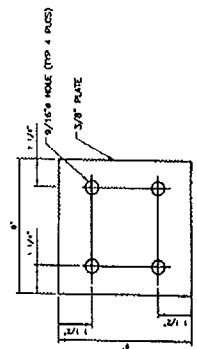
1. ANTENNA MOUNTING STRUCTURES HAVE BEEN DESIGNED IN CONFORMANCE WITH AISC/AIAA-222-4-1988, "STRUCTURAL STANDARDS FOR STEEL, ALUMINUM TOWERS AND ANTENNA SUPPORTING STRUCTURES".
2. ALL STRUCTURES SHALL BE DESIGNED IN ACCORDANCE WITH THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN".
3. HOLLOW STRUCTURAL SECTION (HSS) SHALL CONFORM TO ASTM A500 GRADE B, GALVANNEAL AND UNPAINTED GRADE B STEEL STRUCTURAL TUBING, GRADE B.
4. STRUCTURAL AND MISCELLANEOUS STEEL AND U-BOLTS SHALL CONFORM TO ASTM A58 "STRUCTURAL STEEL", UNLESS OTHERWISE INDICATED.
5. ALL BOLTS, ANCHORS AND MISCELLANEOUS HARDWARE SHALL BE GALVANNEAL STEEL HARDWARE, UNLESS OTHERWISE NOTED.
6. DAMAGED GALVANIZED SURFACES SHALL BE REPAIRED BY COLD GALVANIZING IN ACCORDANCE WITH ASTM J709.
7. INCORRECTLY FABRICATED, FINISHED OR OTHERWISE IMPROPERLY PACKAGED ITEMS SHALL BE REJECTED. REWORK SHALL BE AT THE CONTRACTOR'S RISK AND EXPENSE. REWORK SHALL BE APPROVED BY THE DESIGNER PRIOR TO RESUBMITTAL FOR CONSTRUCTION ACTION. REWORK ACTION SHALL REQUIRE DESIGNER APPROVAL.



DETAIL 3
HSS
COS



DETAIL 1
HSS
COS



DETAIL 2
HSS
COS

NOTE: CONTRACTORS SHALL VERIFY THAT PAINTED SURFACES ARE PROPERLY MAINTAINED. PAINTED SURFACES SHALL BE REPAIRED PRIOR TO RESUBMITTAL FOR CONSTRUCTION ACTION. REWORK SHALL REQUIRE DESIGNER APPROVAL.

TECTONIC/KEYES ASSOCIATES
ANTENNA MOUNT DETAILS

PROJECT NO. 10424
DATE: 08/19/88
SCALE: AS SHOWN

DESIGNED BY: JF
CHECKED BY: JF
DATE: 08/19/88
SCALE: AS SHOWN

PROJECT NO. 10424
DATE: 08/19/88
SCALE: AS SHOWN

AT&T
AT&T INTELLIGENCE SERVICES, INC.
17 Orange St., 8th Floor
New York, NY 10038

KILLINGLY NORTH CENTRAL
SITE NO. CT-482
43 CONNECTICUT MILLS AVE
KILLINGLY, CT 06239

TECTONIC/KEYES ASSOCIATES
500A MAIN ST., SUITE 300
DUBLIN, MA 01930
TEL: (603) 853-4880

