

CON

In re:

Clear Wireless LLC's Notice to Make an Exempt Modification to an Existing Facility at Danbury Hospital, 24 Hospital Lane, Danbury, Connecticut.

EXEMPT MODIFICATION No. 7

RECEIVED MAY 21 2010

May 21, 2010

NOTICE OF EXEMPT MODIFICATION CONNECTICUT SITING COUNCIL

Pursuant to Conn. Agencies Regs. §§ 16-50j-73 and 16-50j-72(b), Clear Wireless LLC ("Clearwire") hereby gives notice to the Connecticut Siting Council ("Council") and the City of Danbury of Clearwire's intent to make an exempt modification to a rooftop telecommunications facility at Danbury Hospital located at 24 Hospital Lane in Danbury, Connecticut (the "Facility"). As you will recall, this Facility came under the Council's jurisdiction pursuant to the Decision and Order rendered by the Council in Docket No. 79 dated September 10, 1987.

Specifically, Clearwire plans to add 3 panel antennas, 3 Samsung remote radio heads and 9 Dragonwave dishes required for backhaul. Under the Council's regulations (Conn. Agencies Regs. § 16-50j-72(b)), Clearwire's plans do not constitute a modification subject to the Council's review because Clearwire will not change the height of the building, will not extend the boundaries of the compound, will not increase the noise levels at the site, and will not increase the total radio frequency electromagnetic radiation power density at the site to levels above applicable standards.

Clearwire is currently developing a 4G wireless broadband network to provide high-speed wireless data and VoIP service within the State of Connecticut. Clearwire's 4G service leverages the WiMAX technology to enable enhanced wireless data communications. In order to provide reliable coverage to the residents of Danbury, this site will be needed as part of the upgrade.

The Facility is located at a latitude of 42° 24' 18" N and longitude of 73° 26' 46" W. The Facility is owned by Danbury Hospital and Clearwire has entered into an agreement with Danbury Hospital for the purpose of locating its installation at the Facility so that it may provide wireless telecommunication service to this area of Danbury.

Clearwire proposes to install three WiMAX panel antennas (Model No. LLPX310R), nine dishes (Model: Dragonwave) and three Samsung remote radio heads (Model No. RRH BTS) on the rooftop of the Facility. Clearwire also proposes to run six cables, 5/16" in diameter, to the new WiMAX antennas (two per panel) and nine coax cables, 1/2" in diameter, will run to the new dishes (one per dish). Clearwire also proposes to locate one global positioning system ("GPS") antenna on the rooftop of the Facility. Clearwire will locate its equipment within a ten-foot by ten-foot leased area on the thirteenth floor of the building. Please see the site plan for further information regarding the installation.

The centerline of Clearwire's highest antenna will be 158 feet. The top of the highest existing antenna is 171 feet. Therefore, Clearwire's antennas will not be increasing the height of the Facility. In addition, with the exception of minor, construction-related noise during the addition of the antennas, remote radio heads, dishes and the installation of the equipment cabinets, the proposed changes to the Facility will not increase noise levels at the site.

Clearwire commissioned Shamrock Engineering P.C. to perform a structural analysis of Clearwire's proposed loading. According to the report, dated February 5, 2010, "... the existing structure is capable of supporting the proposed installation as shown" (Structural Analysis Report, Page 1). This analysis is attached.

Moreover, the addition of the new WiMAX antennas, remote radio heads and Dragonwave dishes will not adversely impact the health and safety of the surrounding community or the people working at the Facility. The total radio frequency exposure measured around the Facility will be well below the National Council on Radiation Protection and Measurements' ("NCRP") standard adopted by the Federal Communications Commission ("FCC"). The worst-case power density analysis for the antennas, measured at the base of the Facility, indicates that the proposed antennas will emit 0.000178% of the NCRP's standard for maximum permissible exposure. A cumulative power density analysis indicates that together, all of the antennas on the Facility will emit 26.95% of the NCRP's standard for maximum permissible exposure. Therefore, the power density levels will be well below the FCC mandated radio frequency exposure limits in all locations around the Facility, even with extremely conservative assumptions. The power density analysis is attached.

In conclusion, Clearwire's proposed plan to add 3 WiMAX antennas, 3 remote radio heads, 9 Dragonwave dishes and add WiMAX associated base station equipment does not constitute a modification subject to the Council's jurisdiction because Clearwire will not increase the height of the Facility, will not extend the boundaries of the site, will not increase the noise levels at the site, and the total radio frequency electromagnetic radiation power density will stay within all applicable standards. *See* Conn. Agencies Regs. § 16-50j-72.

Clear Wireless LLC

By: Thomas J. Regan

Thomas J. Regan
Brown Rudnick LLP
185 Asylum Street, CityPlace I
Hartford, CT 06103-3402
Email - tregan@brownrudnick.com
Phone - 860.509.6522
Fax - 860.509.6501

Certificate of Service

This is to certify that on this 21st day of May, 2010, the foregoing Notice of Exempt Modification was sent, via first class mail, to the following:

Mark D. Boughton, Mayor
City of Danbury
155 Deer Hill Avenue
Danbury, CT 06810

By: Thomas J. Regan
Thomas J. Regan

40273444 v1 - MERCIECM - 025064/0017



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

Daniel F. Caruso
Chairman

June 11, 2010

Thomas J. Regan, Esq.
Brown Rudnick LLP
CityPlace I, 185 Asylum Street
Hartford, CT 06103

RE: **EM-CLEARWIRE-034-100521** – Clearwire Corporation notice of intent to modify an existing telecommunications facility located at 24 Hospital Lane, Danbury, Connecticut.

Dear Attorney Regan:

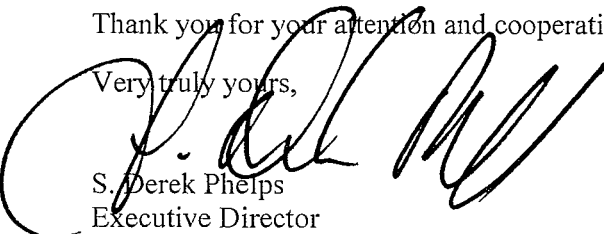
The Connecticut Siting Council (Council) hereby acknowledges your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here and in your notice dated May 21, 2010, 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.

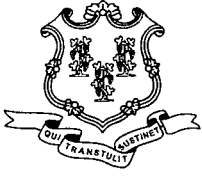
Thank you for your attention and cooperation.

Very truly yours,


S. Derek Phelps
Executive Director

SDP/CDM/laf

c: The Honorable Mark D. Boughton, Mayor, City of Danbury
Dennis Elpern, City Planner, City of Danbury
Danbury Hospital



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

Daniel F. Caruso
Chairman

June 3, 2010

The Honorable Mark D. Boughton
Mayor
City of Danbury
City Hall
155 Deer Hill Avenue
Danbury, CT 06810

RE: **EM-CLEARWIRE-034-100521** – Clearwire Corporation notice of intent to modify an existing telecommunications facility located at 24 Hospital Lane, Danbury, Connecticut.

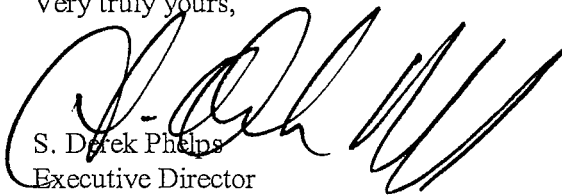
Dear Mayor Boughton:

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 June 17, 2010.

Thank you for your cooperation and consideration.

Very truly yours,



S. Derek Phelps
Executive Director

SDP/jbw

Enclosure: Notice of Intent

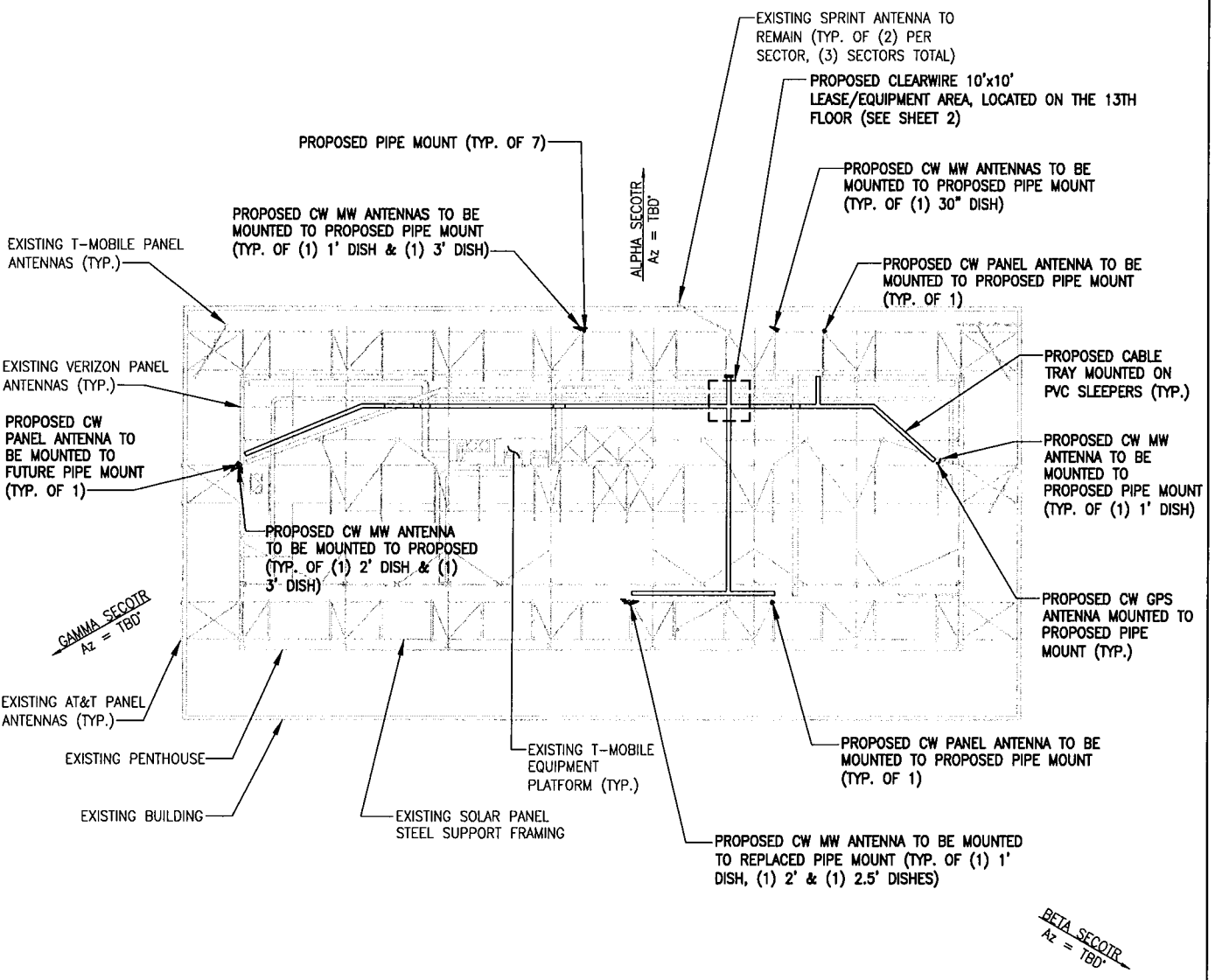
c: Dennis Elpern, City Planner, City of Danbury

CORPORATE ENTITY/DBA/N/A (PLEASE PRINT)

OWNER/OWNER'S AGENT & TITLE _____

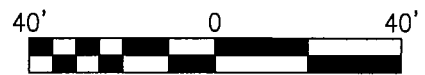
OWNER/OWNER'S AGENT SIGNATURE _____

DATE _____



ROOFTOP LAYOUT

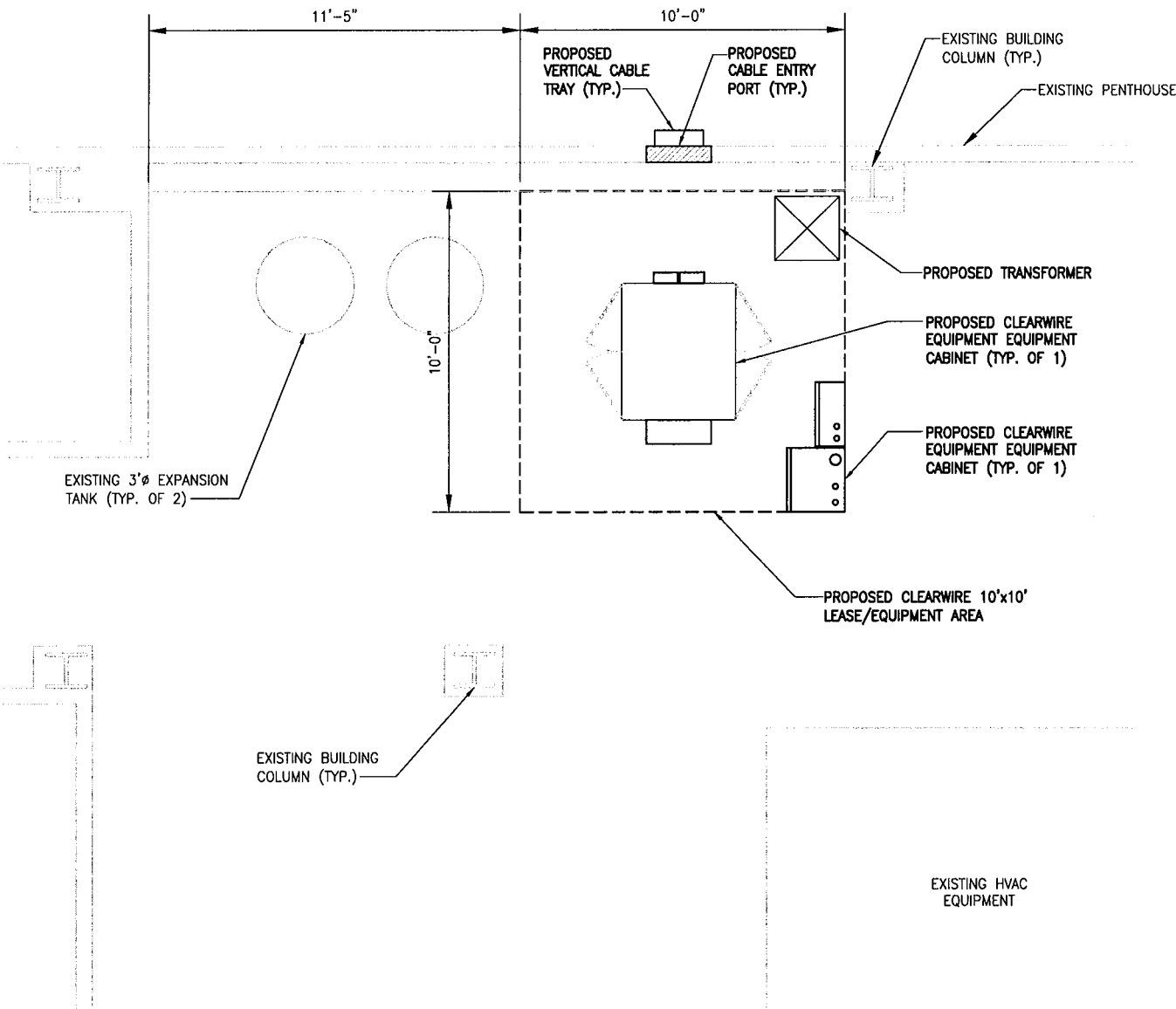
GRAPHIC SCALE



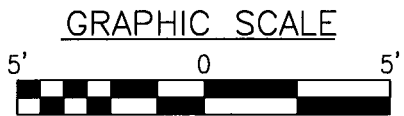
LE1

<p>clearw're®</p> <p>4400 CARILLON POINT KIRKLAND, WA 98033</p>	<p>infinigy engineering & surveying</p> <p>11 Herbert Drive Latham, NY 12110 OFFICE: (518) 690-0790 FAX: (518) 690-0793</p>	<p>LEASE EXHIBIT</p>	
		<p>DATE: 5/21/10</p>	<p>REV #: 8</p>
<p>SITE NAME: DANBURY HOSPITAL SITE NUMBER: CT-BDRO016A</p>		<p>SITE ADDRESS: 24 HOSPITAL LANE DANBURY, CT 06810</p>	

CORPORATE ENTITY/DBA/N/A (PLEASE PRINT)
OWNER/OWNER'S AGENT & TITLE
OWNER/OWNER'S AGENT SIGNATURE
DATE



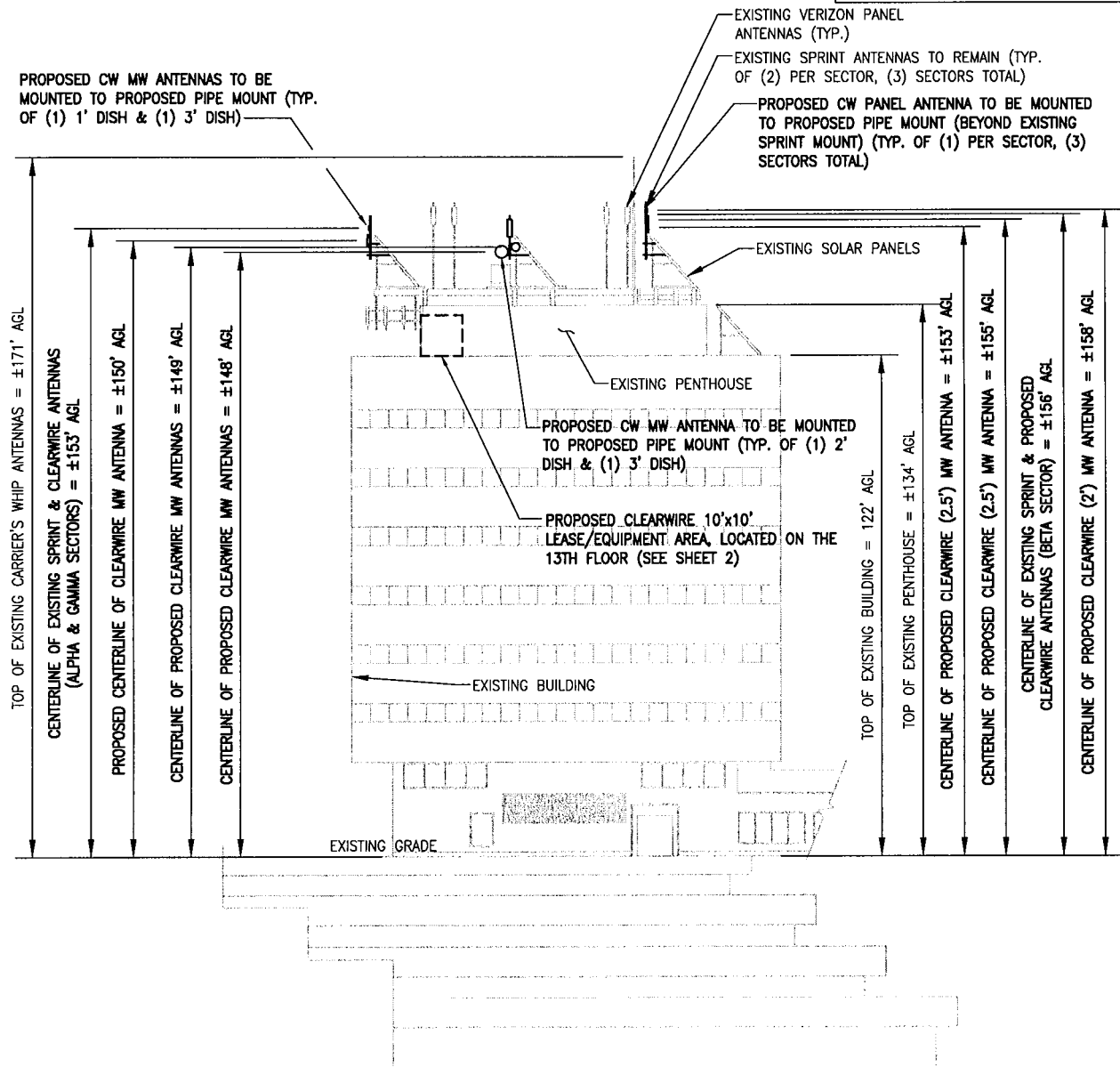
ENLARGED SITE PLAN



LE2

clearw're® 4400 CARILLON POINT KIRKLAND, WA 98033	infinigy engineering & surveying	LEASE EXHIBIT		
		DATE: 5/21/10	REV #: 8	INFINIGY SITE NUMBER: 233-066
SITE NAME: DANBURY HOSPITAL SITE NUMBER: CT-BDR0016A		SITE ADDRESS: 24 HOSPITAL LANE DANBURY, CT 06810		
11 Herbert Drive Latham, NY 12110 OFFICE: (518) 690-0790 FAX: (518) 690-0793				

CORPORATE ENTITY/DBA/N/A (PLEASE PRINT)		
OWNER/OWNER'S AGENT & TITLE		
OWNER/OWNER'S AGENT SIGNATURE		
DATE		



WEST BUILDING ELEVATION
SCALE: NOT TO SCALE

LE3

<p>4400 CARILLON POINT KIRKLAND, WA 98033</p>	<p>11 Herbert Drive Latham, NY 12110 OFFICE: (518) 690-0790 FAX: (518) 690-0793</p>	LEASE EXHIBIT		
		DATE: 5/21/10	REV #: 8	INFINIGY SITE NUMBER: 233-066
SITE NAME: DANBURY HOSPITAL SITE NUMBER: CT-BDR0016A		SITE ADDRESS: 24 HOSPITAL LANE DANBURY, CT 06810		

 SHAMROCK
ENGINEERING P.C.
Structural Design, Inspection, and Analysis

February 5, 2010

Mr. Darren Weber
Infinigy Engineering, PLLC
11 Herbert Drive
Latham, NY 12110

Re: Structural Analysis for the Clearwire Installation at Site CT-BDR0016; Danbury Hospital Located at 24 Hospital Lane in Danbury, CT. (Proj #09001.25.03) rev 2

Dear Mr. Weber,

As requested, Shamrock Engineering P.C. has performed a structural analysis for the support of proposed equipment by a portion of the above referenced facility. As discussed and agreed to, the analysis was for the sole purpose of determining whether or not the existing building is capable of supporting the loads imposed by the proposed Clearwire equipment installation at the site. This letter presents the findings and conclusions of our analysis.

Prior to commencing work, we were provided the Lease Exhibit for the installation bearing a revision date of February 4, 2010 and partial construction drawings for the building and the solar panel installation. Clearwire proposes an equipment configuration that will include the addition of one equipment cabinet with an estimated total weight of 1,250 pounds. The cabinet will be located in the rooftop mechanical room to the southwest of column lines Fa and 10 and will bear directly on the existing concrete floor. In addition, Clearwire proposes the installation of three panel antennas, one in each of three sectors, and nine microwave dishes, for a total of twelve antennas. All of the antennas are proposed to be supported by the existing, rooftop, solar panel support framing.

Based on the information provided and the assumption that the original building construction was performed in accordance with good construction practices and the drawings provided, our analysis indicates that the existing structure is capable of supporting the proposed installation as shown.

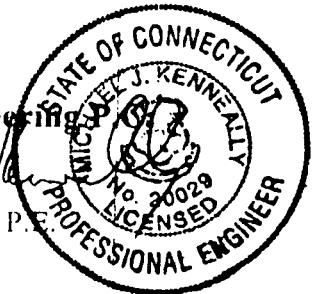
If you have any questions, please call.

Sincerely,

Shamrock Engineering



Michael J. Kenneally, P.E.
President



Shamrock Engineering P.C.

1 Thrush Terrace, East Greenbush, New York 12061
Phone (518)441-6148 Fax (518)286-2978

Project: INFINITY CLEARWIRE DANBURY BDR0016

Date: 1-19-10

Re: STRUCTURAL ANALYSIS

Page: 1 of 2

- CAN THE EXISTING STRUCTURE SUPPORT THE PROPOSED INSTALLATION?

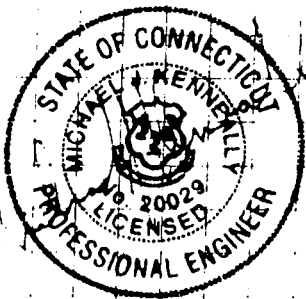
- PROPOSED EQUIPMENT
 - RADIO CABINET 1,250# (28' x 24')
 - TRANSFORMER 400# (20' x 24')
- ANTENNAS
 - PANEL 54' x 13'
 - DISK 24" ϕ
 - 48" ϕ

EXISTING STRUCTURE

- PER ORIGINAL CONSTRUCTION DRAWINGS PROVIDED, THE BUILDING IS CONSTRUCTED AS STEEL FRAME w/ STRUCTURAL STEEL BEAMS, GIRDERS AND COLUMNS SUPPORTING A CAST-IN-PLACE CONCRETE SLAB.

- CAN THE EXISTING STRUCTURE SUPPORT THE PROPOSED EQUIPMENT CABINETS?

- EQUIPMENT LOCATION PROPOSED SOUTH AND WEST OF COLUMN LINES F8 AND 10
- FLOOR CONST 4 1/2" SLAB
- W14x26 SPANNING 25'
- TRIB: 7 @
- W27x102



- CHECK W14x26

$$- W = (125 + 35 + 10) \times 7.5 = 1.3K'$$

$$- P = 1250 + 400 \quad @ 1/2 L$$

$$M = Wl^2/8 + Pl/4 = 112K' \quad (CONS)$$

BEAM IS NOTED AS COMPOSIT. ASSUME
Mall $(1/8 Wl^2) / 0.9 = 113K' \quad \checkmark$

Shamrock Engineering P.C.

1 Thrush Terrace, East Greenbush, New York 12061
Phone (518)441-6148 Fax (518)286-2978

Project: INFINITY CLEARWIRE DANBURY BDR0016

Date: 1-19-10

Re: STRUCTURAL ANALYSIS

Page: 2 of 2

- CHECK W27x102 $L = 32'$

$M_{ALL} = 530k'$

- $M_{ADD} = PL/4 = 13.6k \Rightarrow 2.5\%$ OF CAPACITY,
OK BY OBSERV.

EXISTING STRUCTURE CAN
SUPPORT THE EQUIPMENT AS SHOWN

CAN THE EXISTING STRUCTURE SUPPORT THE PROPOSED ANTENNAS

- WIND LOAD

$$P = q A C_H$$

$$P_p = 343\#$$

$$P_{2\theta} = 221\#$$

$$P_{4\theta} = 885\#$$

$$C_H = \text{GUST RESP} = 1.1$$

$$q = 0.00256 K_z K_{zt} K_d I V^2$$

$$V = 120 \text{ MPH}$$

$$K_{zt} = 0.95$$

$$K_d = 1.0$$

$$I = 1.25$$

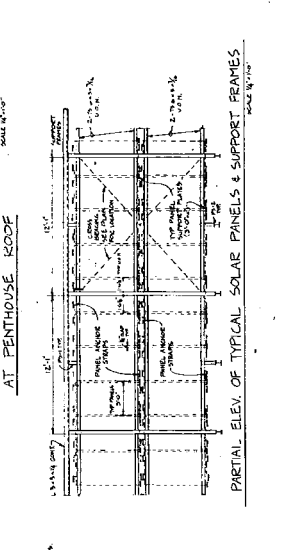
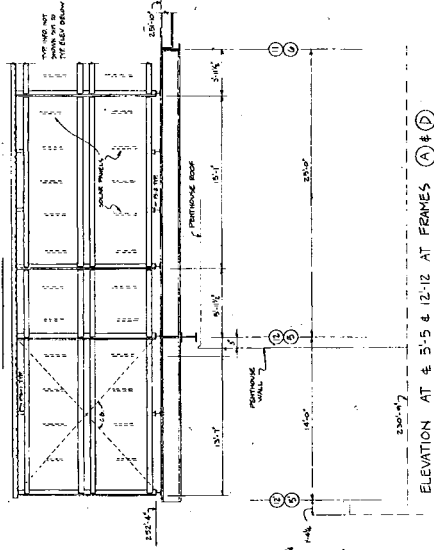
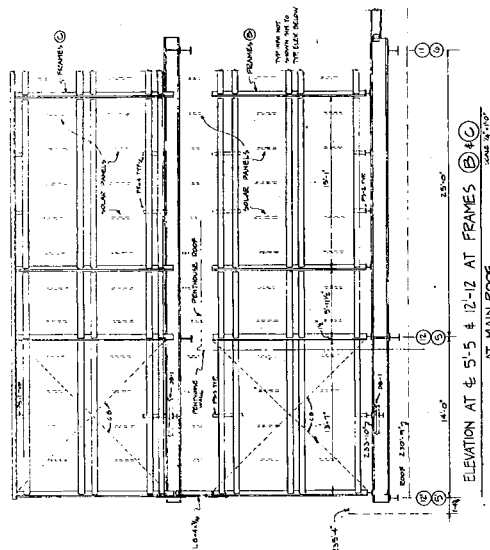
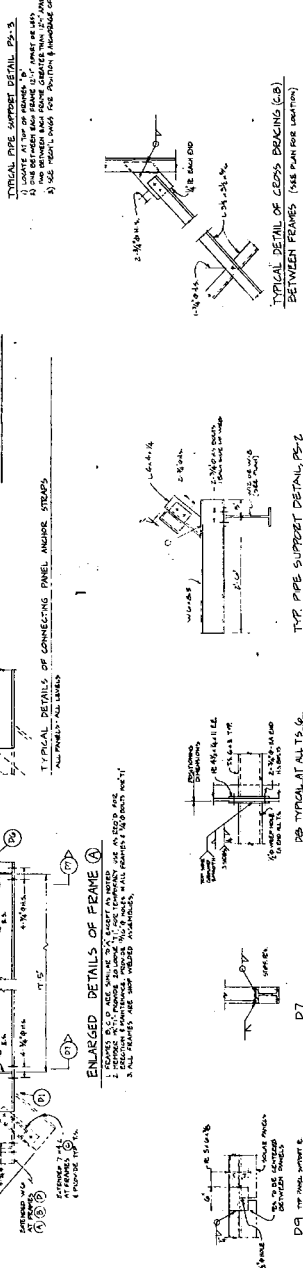
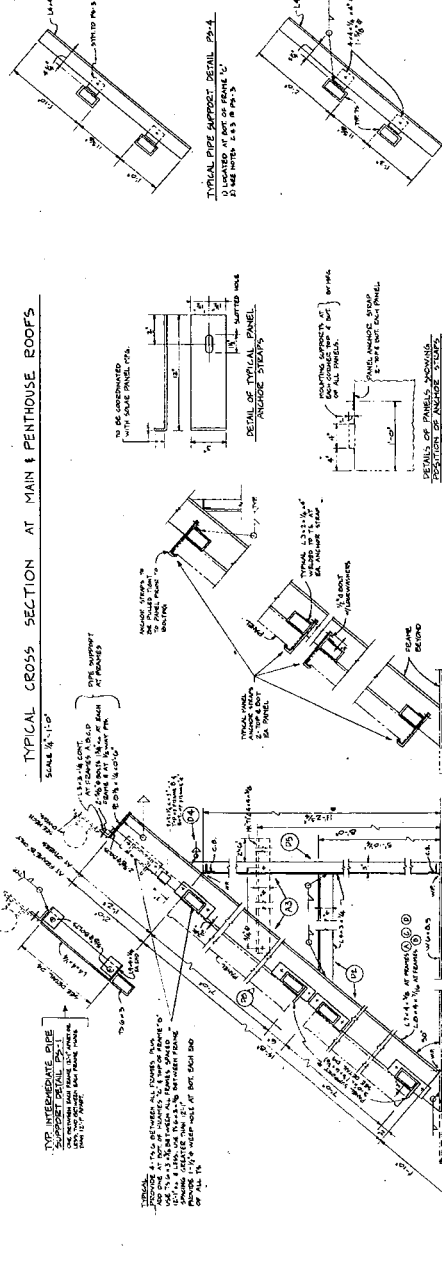
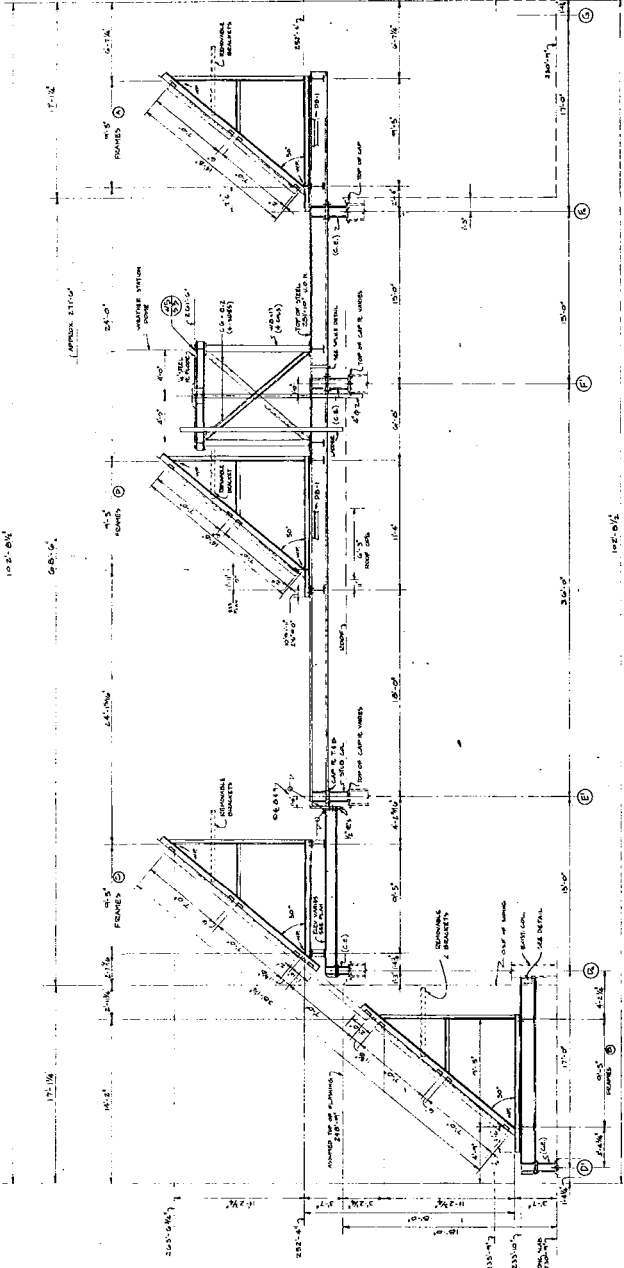
$$K_z = 1.46$$

$$q = 64 \text{ PSF}$$

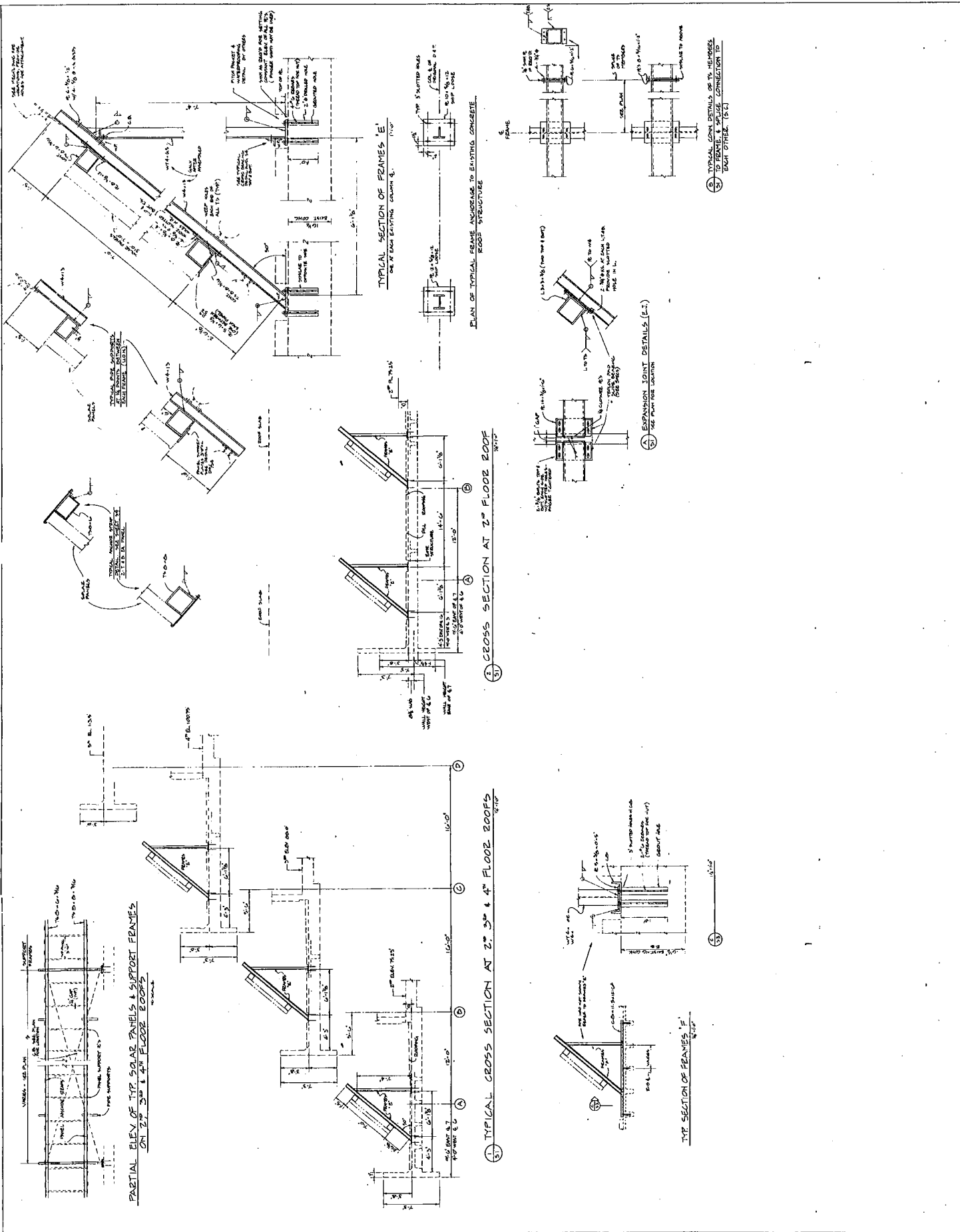
- FRAMES NOW SUPPORT INACTIVE
SOLAR PANELS W/ TRIB AREA
FOR EACH FRAME = 88 SF

$$P_{\text{SOLAR}} = 6160\#$$

BY OBSERVATION EXISTING
FRAMES CAN SUPPORT THE
ADDITIONAL LOAD

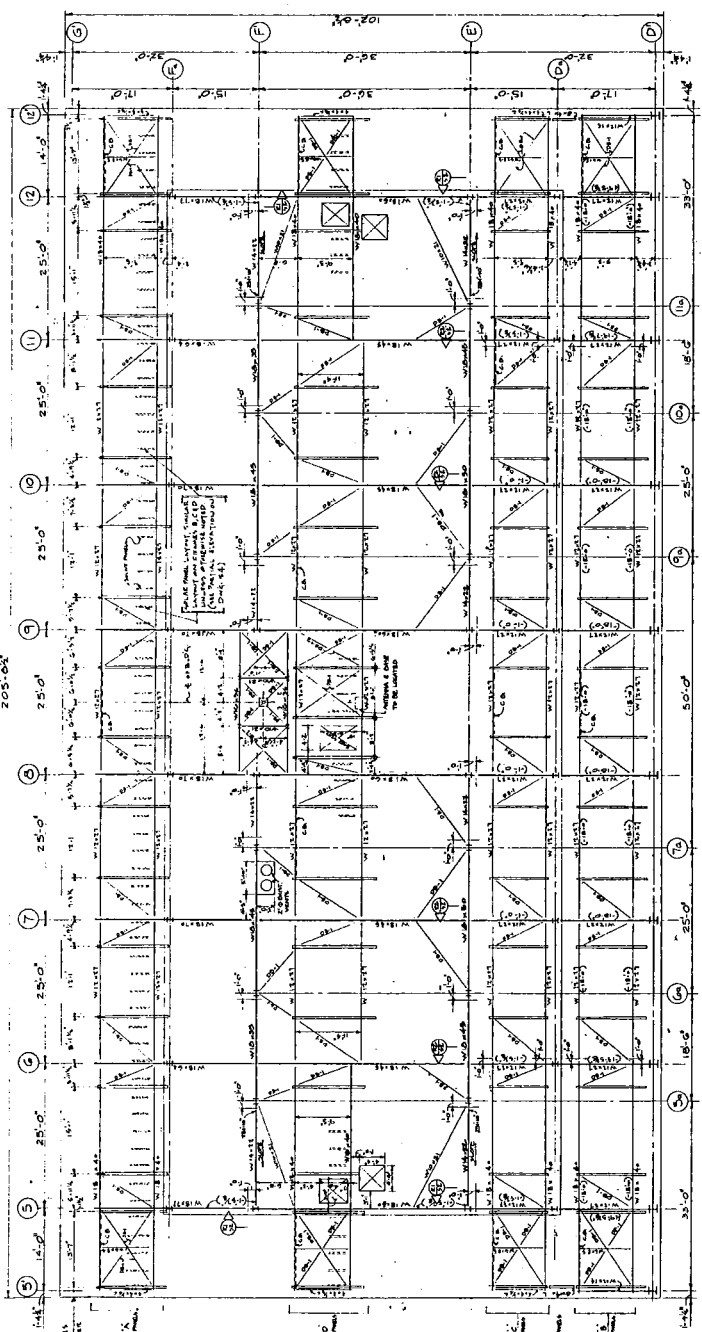


RICHARDSON AND MORSE ARCHITECTS ONE COURT STREET, DANBURY, CONNECTICUT 06810 PHOTOCOPYED FROM ORIGINAL DRAWING 1978	DATE: 11-12-78 DRAWING NUMBER: 7/080-39 SHEET NUMBER: 54
	TOWER BUILDING SOLAR PANEL SUPPORTS SECTIONS & DETAILS



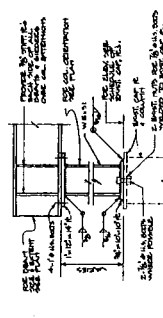
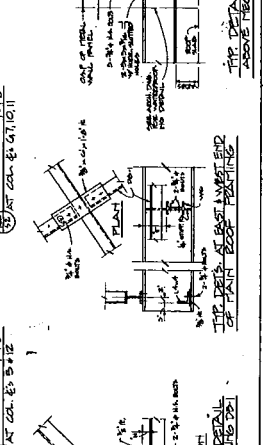
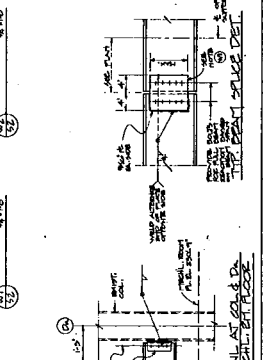
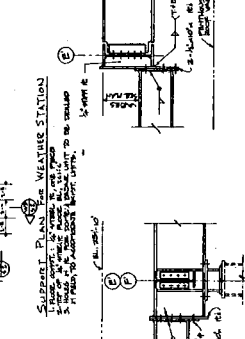
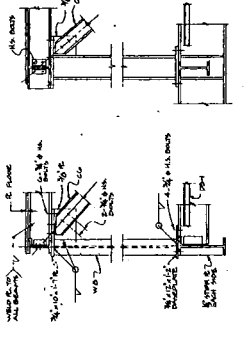
RICHARDSON AND MORSS ARCHITECTS ONE COURT STREET BOSTON, MASSACHUSETTS 02108 PROJECT NO. 100-1000 DANBURY HOSPITAL	DANBURY HOSPITAL 24 HOSPITAL AVENUE, DANBURY, CONNECTICUT 06810	TOWER BUILDING SOLAR PANEL SUPPORTS SECTIONS & DETAILS	DATE: 11/15/57 DRAWING NO.: 100-1000-100 CHECKED BY: J.M.S. SCALE: AS SHOWN	REVISIONS: NO. 1: AS SHOWN NO. 2: CORRECTED FOR CONSTRUCTION NO. 3: CORRECTED FOR CONSTRUCTION	53
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- GENERAL NOTES:**
1. All work shall conform to the requirements of the State of Connecticut Basic Building Code.
 2. The Contractor shall be responsible for the design, fabrication and erection of all steel framing members to be installed in accordance with the provisions of the Connecticut Basic Building Code.
 3. The Contractor shall provide adequate protection for existing structures.
 4. All steel members shall be painted with a minimum of two coats of zinc rich primer and two coats of zinc rich paint.
 5. All steel members shall be galvanized with a minimum of two coats of zinc rich primer and two coats of zinc rich paint.
 6. All steel members shall be galvanized with a minimum of two coats of zinc rich primer and two coats of zinc rich paint.
 7. All steel members shall be galvanized with a minimum of two coats of zinc rich primer and two coats of zinc rich paint.
 8. All steel members shall be galvanized with a minimum of two coats of zinc rich primer and two coats of zinc rich paint.
 9. All steel members shall be galvanized with a minimum of two coats of zinc rich primer and two coats of zinc rich paint.
 10. All steel members shall be galvanized with a minimum of two coats of zinc rich primer and two coats of zinc rich paint.
 11. All steel members shall be galvanized with a minimum of two coats of zinc rich primer and two coats of zinc rich paint.
 12. All steel members shall be galvanized with a minimum of two coats of zinc rich primer and two coats of zinc rich paint.
 13. All steel members shall be galvanized with a minimum of two coats of zinc rich primer and two coats of zinc rich paint.
 14. All steel members shall be galvanized with a minimum of two coats of zinc rich primer and two coats of zinc rich paint.



MAIN ROOF FRAMING FOR SUPPORTING SOLAR PANELS

- 1) ALL TOP OF NEW STEEL MEMBERS WHICH ARE NOT SHOWN IN THIS PLAN IS TO BE AS SHOWN IN THE GENERAL NOTES.
- 2) ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
- 3) ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.



TYP DET. OF COLUMN BASE PLATES

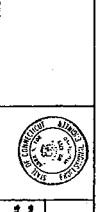
1. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
3. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.

EXISTING COLUMN BASE PLATES	DATE: 01/15/10	NO. NUMBER: 06830	DESIGNED BY: J.M.	CHECKED BY: J.M.	DATE: 01/15/10
COLUMN NUMBER: 101	NO. NUMBER: 06830	DESIGNED BY: J.M.	CHECKED BY: J.M.	DATE: 01/15/10	NO. NUMBER: 06830
COLUMN NUMBER: 102	NO. NUMBER: 06830	DESIGNED BY: J.M.	CHECKED BY: J.M.	DATE: 01/15/10	NO. NUMBER: 06830
COLUMN NUMBER: 103	NO. NUMBER: 06830	DESIGNED BY: J.M.	CHECKED BY: J.M.	DATE: 01/15/10	NO. NUMBER: 06830
COLUMN NUMBER: 104	NO. NUMBER: 06830	DESIGNED BY: J.M.	CHECKED BY: J.M.	DATE: 01/15/10	NO. NUMBER: 06830
COLUMN NUMBER: 105	NO. NUMBER: 06830	DESIGNED BY: J.M.	CHECKED BY: J.M.	DATE: 01/15/10	NO. NUMBER: 06830
COLUMN NUMBER: 106	NO. NUMBER: 06830	DESIGNED BY: J.M.	CHECKED BY: J.M.	DATE: 01/15/10	NO. NUMBER: 06830
COLUMN NUMBER: 107	NO. NUMBER: 06830	DESIGNED BY: J.M.	CHECKED BY: J.M.	DATE: 01/15/10	NO. NUMBER: 06830
COLUMN NUMBER: 108	NO. NUMBER: 06830	DESIGNED BY: J.M.	CHECKED BY: J.M.	DATE: 01/15/10	NO. NUMBER: 06830
COLUMN NUMBER: 109	NO. NUMBER: 06830	DESIGNED BY: J.M.	CHECKED BY: J.M.	DATE: 01/15/10	NO. NUMBER: 06830
COLUMN NUMBER: 110	NO. NUMBER: 06830	DESIGNED BY: J.M.	CHECKED BY: J.M.	DATE: 01/15/10	NO. NUMBER: 06830

TOWER BUILDING
HOSPITAL PROJECT NUMBER: 06830
SOLAR PANEL SUPPORTS
MAIN ROOF FRAMING PLAN

DATE: 01/15/10
NO. NUMBER: 06830
DESIGNED BY: J.M.
CHECKED BY: J.M.
DATE: 01/15/10

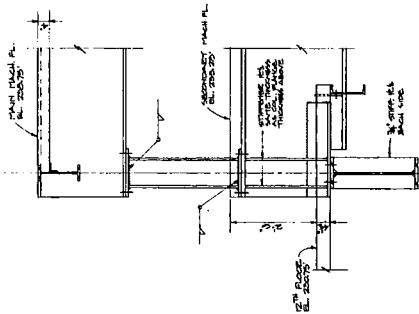
DANBURY HOSPITAL
24 HOSPITAL AVENUE, DANBURY, CONNECTICUT 06810



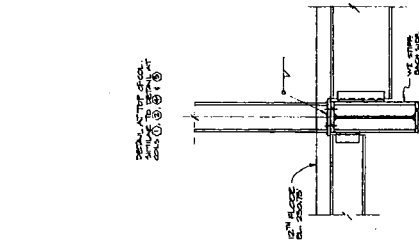
RICHARDSON AND MORSE ARCHITECTS, INC.
ONE COURT STREET, DANBURY, CONNECTICUT 06810
PETERSON FOR ASSOCIATES
STRUCTURAL ENGINEERS, P.C.
100 WEST STREET, DANBURY, CONNECTICUT 06810

REVISIONS:
NO. 1: INITIAL PLAN FOR SOLAR PANEL SUPPORTS
NO. 2: MAIN ROOF FRAMING PLAN

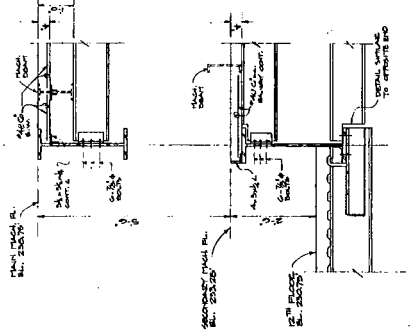
(E) (F)



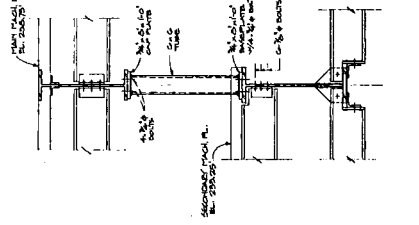
DETAIL AT COL'S ① AND ②
1/4" = 1'-0"



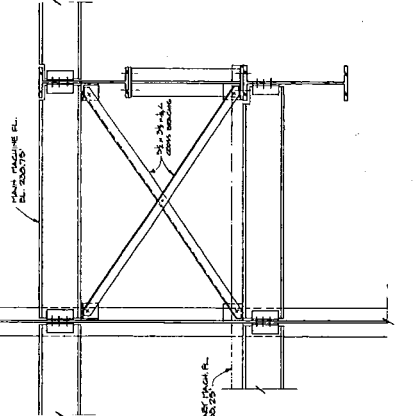
DETAIL AT COL'S ③ AND ④
1/4" = 1'-0"



DETAIL - A
1/4" = 1'-0"



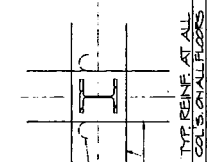
DETAIL - B
1/4" = 1'-0"



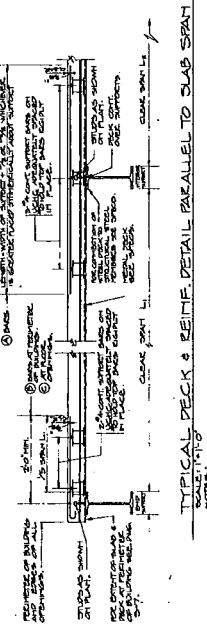
DETAIL - C
1/4" = 1'-0"

GENERAL NOTE: SOURCE

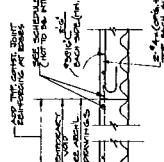
1. All steel members shall be furnished by the same manufacturer unless otherwise noted. All steel shall be A36 unless otherwise noted.
2. Concrete shall be placed in the formwork in a single lift. The concrete shall be finished with a trowel.
3. All steel members shall be welded in accordance with the AWS D1.1 Code for Structural Steel Welding.
4. All steel members shall be painted with a rust-inhibiting primer.



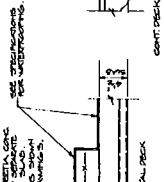
TYP. REINF. AT ALL COLS ON ALL FLOORS
1/4" = 1'-0"



TYPICAL DECK & REINF. DETAIL PARALLEL TO SLAB SPAN
1/4" = 1'-0"



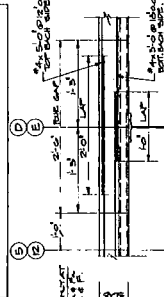
TYPICAL DETAILS FOR HOUSEKEEPING SHAFT PIPE CHASES
1/4" = 1'-0"



TYPICAL DETAILS FOR HOUSEKEEPING SHAFT PIPE CHASES
1/4" = 1'-0"

TYPICAL SUBS REINFORCING SCHEDULE

(A)	#4 @ 18" o.c.	#4 @ 18" o.c.
(B)	#4 @ 18" o.c.	#4 @ 18" o.c.
(C)	#4 @ 18" o.c.	#4 @ 18" o.c.
(D)	#4 @ 18" o.c.	#4 @ 18" o.c.
(E)	#4 @ 18" o.c.	#4 @ 18" o.c.
(F)	#4 @ 18" o.c.	#4 @ 18" o.c.



TYPICAL FLOOR GAP DETAIL ON 6TH FLOOR
1/4" = 1'-0"

RICHARDSON AND MORSS Architects
ONE CORNER STREET BOSTON MASSACHUSETTS
PRESTERS, TOR & ASSOC. GEORGETOWN, VA
CONSULTING ENGINEERS CHAS 18311

DANBURY HOSPITAL
24 HOSPITAL AVENUE, DANBURY, CONNECTICUT 06810

TOWER BUILDING
HOSPITAL PROJECT NUMBER 08-1118

DATE: 11-20-75
JOB NUMBER: 1780
DRAWN BY: [Name]
CHECKED BY: [Name]
SCALE: AS SHOWN

RECEIVED: APR 21 1986
PROJECT NO. 08-1118
DRAWING NO. 08-1118-01
SHEET NO. 5 OF 10

SECTION 8 DETAILS

S.10



To: HPC
From: Julius De La Cruz – Radio Frequency Engineer
Cc: Micah Hawthorne
Subject: Power Density Report for CT-BDR0016
Date: May 20, 2010

1. Introduction:

This report is the result of Electromagnetic Field Intensities (EMF – Power Densities) study for the Clearwire broadband antenna installation on a rooftop at 24 Hospital Avenue, Danbury, CT 06810. This study incorporates the most conservative consideration for determining the practical combined worst case power density levels that would be theoretically encountered from locations surrounding the transmitting location:

2: Discussion:

The following assumptions were used in the calculations:

- 1) The emissions from Clearwire transmitters are in the (2496 – 2690) Frequency Band
- 2) The emissions from the Clearwire Microwave dishes are in the 11 GHz Frequency Band
- 3) The model number for Clearwire Antenna is Argus LLPX310R
- 4) The model number for the Microwave dish is Dragonwave 3' Diameter
- 5) The Clearwire panel antenna centerline is 153 feet (lowest)
- 6) The Clearwire microwave dish centerline is 148 feet (lowest)
- 7) The Maximum Transmit power from any Clearwire panel antenna is 251 Watts Effective Isotropic Radiated Power (EIRP) assuming 2 channels per sector
- 8) The Maximum Transmit power from any Clearwire Microwave Dish is 346 Watts Effective Isotropic Radiated Power (EIRP) assuming 1 channel per dish
- 9) All antennas are simultaneously transmitting and receiving 24 hours per day
- 10) The average ground level of the studied area does not change significantly with respect to the transmitting location

Equations given in “FCC OET Bulletin 65, Edition 97-01” were used with the above information to perform the calculations.

3: Conclusion:

Based on the above worst case assumptions, the power density calculation from the Clearwire antenna installation on a rooftop at 24 Hospital Avenue, Danbury, CT 06810 is 0.0000056 mW/cm². This value represents 0.000555% of the Maximum Permissible Exposure (MPE) standard of 1 milliwatt per square centimeter (mW/cm²) set forth in the FCC/ANSI/IEEE C95-1-1991. Furthermore, the proposed antenna location for Clearwire will not interfere with existing public safety communications, AM or FM radio broadcasts, TV, Police Communications, HAM Radio communications or any other signals in the area.

The combined Power Density from all other carriers is 26.19 %. The combined Power Density for this site is 26.190555% of the M.P.E. standard

THOMAS J. REGAN
Direct Dial: (860) 509-6522
tregan@brownrudnick.com



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185 Asylum
Street
Hartford
Connecticut
06103
tel 860.509.6500
fax 860.509.6501

Via Hand Delivery

May 21, 2010

RECEIVED
MAY 21 2010

CONNECTICUT
SITING COUNCIL

Daniel F. Caruso, Chairman
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

RE: Clearwire Corporation – Notice of Exempt Modification

Dear Mr. Caruso:

At the request of the Siting Council, enclosed for refileing you will find an original and five (5) copies of a "Notice of Exempt Modification", at 24 Hospital Lane, Danbury, Connecticut. Previously, a Petition for Declaratory Ruling was filed on behalf of Clearwire Corporation for this site but the Siting Council requested that a Notice of Exempt Modification be filled.

Initially when this site was first filed with the Siting Council, the fee was \$500.00. We hereby request that \$500.00 previously submitted be used to cover this filing. If you have any questions, please feel free to contact me.

I would appreciate it if you could please date stamp the copy of this transmittal letter and return it to the courier delivering this package.

Very truly yours,

BROWN RUDNICK LLP

By: Thomas J. Regan
Thomas J. Regan

TJR/bh
Enclosures

cc/encls: via 1st Class Mail: Mark D. Boughton, Mayor, City of Danbury

40273489 v1 - REGANTJ - 025064/0017

THOMAS J. REGAN
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tregan@brownrudnick.com

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fax 860.509.6501

ORIGINAL

Via Hand Delivery

June 1, 2010

RECEIVED
JUN - 1 2010

Daniel F. Caruso, Chairman
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

CONNECTICUT
SITING COUNCIL

RE: Clearwire Corporation – Notice of Exempt Modification

Dear Mr. Caruso:

On May 21, 2010, a “*Notice of Exempt Modification*” at 24 Hospital Lane, Danbury, Connecticut was filed on behalf of Clearwire Corporation. Previously, a Petition for Declaratory Ruling had been filed for this site but the Siting Council requested that a Notice of Exempt Modification be filed.

Initially when this site was first filed with the Siting Council, the fee was \$500.00. Enclosed you will find a check in the amount of \$125.00 representing the increase in filing fee from the Petition for Declaratory Ruling.

Very truly yours,

BROWN RUDNICK LLP

By: 
Thomas J. Regan

TJR/bh
Enclosure

40273740 v1 - REGANTJ - 025064/0017