

# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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

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[www.ct.gov/csc](http://www.ct.gov/csc)

December 19, 2005

Christopher B. Fisher, Esq.  
Cuddy & Feder LLP  
90 Maple Avenue  
White Plains, NY 10601-5196

RE: **TS-CING-141-050801** - New Cingular Wireless PCS, LLC request for an order to approve tower sharing at an approved telecommunications facility located at 720 Quinebaug Road, Thompson, Connecticut.

Dear Attorney Fisher:

At a public meeting held December 14, 2005, the Connecticut Siting Council (Council) ruled that the shared use of this approved tower site is technically, legally, environmentally, and economically feasible and meets public safety concerns, and therefore, in compliance with General Statutes § 16-50aa, the Council has ordered the shared use of this facility to avoid the unnecessary proliferation of tower structures with the condition that the revised tower design drawings (reflecting the height of 125') are submitted to Council. 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. Any additional change to this facility may require an explicit request to this agency pursuant to General Statutes § 16-50aa or notice pursuant to Regulations of Connecticut State Agencies Section 16-50j-73, as applicable. Such request or 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.

This decision applies only to this request for tower sharing and is not applicable to any other request or construction. Please be advised that the validity of this action shall expire one year from the date of this letter.

The proposed shared use is to be implemented as specified in your letter dated August 1, 2005, and additional correspondence dated December 5, 2005, including the placement of all necessary equipment and shelters within the tower compound.

Thank you for your attention and cooperation.

Very truly yours,

Pamela B. Katz, P.E.

Chairman

PBK/laf

c: The Honorable A. David Babbitt, First Selectman, Town of Thompson  
John E. Mahon, Jr., Zoning Enforcement Officer, Town of Thompson  
Quinebaug Volunteer Fire Department

**CUDDY & FEDER LLP**

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SUITE 380  
FISHKILL, NEW YORK 12524

**WILLIAM V. CUDDY**  
1971-2000

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THOMAS A. BEIRNE (also DC)  
STEPHANIE BORTNYK (also NJ)  
JOSEPH P. CARLUCCI  
LUCIA CHIOCOHIO (also CT)  
ROBERT DISIENA  
KENNETH J. DUBROFF  
ROBERT FEDER  
CHRISTOPHER B. FISHER (also CT)  
ANTHONY B. GIOFFRE III (also CT)  
JOSHUA J. GRAUER  
KENNETH F. JURIST  
MICHAEL L. KATZ (also NJ)  
JOSHUA E. KJMERLING (also CT)  
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NORWALK, CONNECTICUT

EON S. NICHOLS (also CT)  
WILLIAM S. NULL  
DAWN M. PORTNEY  
ELISABETH N. RADOW  
PAMELA B. RICHARDSON (also NJ)  
NEIL T. RIMSKY  
RUTH E. ROTH  
ANDREW P. SCHRIEVER (also MA)  
JENNIFER L. VAN TUYL  
CHAUNDEY L. WALKER (also CA)

Of Counsel  
ANDREW A. GLICKSON (also CT)  
KAREN G. GRANIK  
ROBERT L. OSAR (also TX)  
MARYANN M. PALERMO  
ROBERT C. SCHNEIDER

December 5, 2005

By Fax

Michael Perrone  
Staff Analyst  
Connecticut Siting Council  
Ten Franklin Square  
New Britain, CT 06051

Re: New Cingular Wireless PCS, LLC  
TS-CING-141-050801  
Quinebaug Fire Station, 720 Quinebaug Road

**RECEIVED**  
DEC - 5 2005  
**CONNECTICUT  
SITING COUNCIL**

Dear Michael:

Enclosed please find a copy of a revised site plan and elevation with respect to the above referenced filing, a revised power density report and minutes of the Town of Thompson Planning & Zoning Commission's November 28, 2005 meeting at which they approved a 125' fire department tower and authorized its use by cellular carriers. As noted in the minutes, the Fire Department needed a minimum 125' tall tower for its antenna on top and as such the P&Z approved the tower at that height.

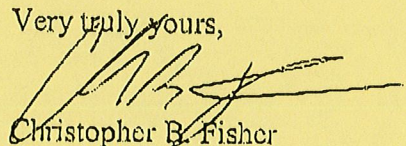
You will also see that our office and Cingular were present to help the P&Z understand certain aspects of the project, in particular Cingular's proposed shared use of the tower and Siting Council jurisdiction over Cingular. In any event, the Fire Department is continuing with construction of the tower facility and we'd ask that the Council put this matter on its December 14<sup>th</sup> agenda for approval of Cingular's shared use of the Quinebaug Fire Department Tower which will be owned by them.

CUDDY & FEDER LLP

New Cingular Wireless PCS, LLC  
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Thank you for your continued assistance in this regard.

Very truly yours,



Christopher B. Fisher

Enclosures

cc: Mark Appleby, Cingular  
Steve Levine, Cingular



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

December 1, 2005

TO: Atty. Chris Fisher

FROM: Steve Levine

RE: Power Density Calculation for Quinebaug Volunteer Fire Department Tower

The cumulative worst-case power density for this site in accordance with FCC OET Bulletin No. 65 (1997) for a point of interest at ground level beside the tower is calculated below.

This worst-case calculation assumes all channels working simultaneously at full power with the antennas facing directly downward.

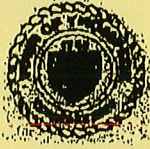
Company	Centerline Height (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density <sup>†</sup> (mW/cm <sup>2</sup> )	Standard Limits (mW/cm <sup>2</sup> )	Percent of Limit
Quinebaug FD *	128	155	1	100	0.0022	0.2000	1.10
Cingular	125	880-894	6	296	0.0409	0.5887	6.97
Cingular	125	1930-1935 1965-1970	3	427	0.0295	1.0000	2.95
Quinebaug FD *	85	465	1	100	0.0050	0.3100	1.61
Quinebaug FD *	65	33.9	1	100	0.0085	0.2000	4.26
<b>Total</b>							<b>16.87%</b>

\* Information provided by the Quinebaug Volunteer Fire Department.

† Please note that the standard power density equation provided by the Council in its memo of January 22, 2001 incorporates a ground reflection factor of 2.56 (i.e., the square of 1.6) as described in FCC OET Bulletin No. 65.







TOWN of  
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PLANNING & ZONING COMMISSION

MUNICIPAL BUILDING  
815 RIVERSIDE DRIVE  
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MINUTES  
PLANNING & ZONING COMMISSION  
MONDAY, NOVEMBER 28, 2005 \* 7:00 PM  
MERRILL SENEY COMMUNITY ROOM

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**PRESENT:** Charles Paquette, Randolph Blackmer, John Rice, Daniel Touchette, Robert Werge, Lauri Groh-Germain, D.R. Hoenig, Steven Antos, James Naum and Peter Nedzweckas

**ABSENT:** Maurice Viens and Diane Bradley

**ALSO PRESENT:** John Mahon; ZEO, Al Landry, Joseph Donovan, Camille & Ronald Travers, Edgar & Louise Lavigne, Robert Roy, Patrick McLaughlin; KWP Associates, Richard & Mrs. Babbitt, Donald & Mrs. Dancause, Thomas & Richard Minarik, Carolyn Werge & Howard Peck; Conservation Commission, Sharon Bly, Atty. Chris Fisher and Mark Appleby; Cingular Wireless

PUBLIC HEARING #1 (continued from October 24<sup>th</sup>, 2005)

Application # SUB 2005-02 Subdivision - Marianapolis Preparatory School, Inc. - Thompson Road, Map 87, Block 38, Lot 1, Zoned TC-80 for a 12-lot subdivision. Area to be subdivided 32 acres.

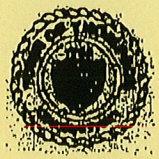
Charles Paquette opened the Public Hearing at 7:02 PM.

Patrick McLaughlin, a Professional Engineer for KWP Associates was available to explain the plan and answer questions regarding the plan. Road access will be from Route # 193 with a 980' cul de sac. The cul de sac will incorporate a teardrop turn around for the equal distribution of snow as requested by the Public Works Director. They will also be using Cape Cod curbing as requested by the Public Works Director.

All lots will be served by on-site septic systems and wells. There is a letter of approval from NDDH. A letter of approval from DOT has been received with two recommendations:

- A detectable warning strip must be installed on the handicapped ramps
- The proposed light standard must be relocated outside of the State right-of-way

There are sedimentation chambers to collect sand before it enters the piping system. These will need some cleanout maintenance, perhaps every three to five years. Catch basins will be installed and piped around to the rear of the property to a level spread to dissipate. There will be easements granted to the Town for maintenance purposes.



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They are offering \$3,000 per lot (\$36,000 total) for fee in-lieu of open space.

Charles Paquette read a letter of recommendation from the Conservation. They are recommending that the Town accept a 20% land set aside into open space versus a 10% fee in-lieu of open space for future use as a wildlife habitat, walking trails and possible recreation area. They further stated that the P&Z Commission consider an impervious surface, instead of a concrete sidewalk. Patrick McLaughlin stated that at the preliminary discussion, the Commission led them to believe that small areas of open space in various subdivision locations was not what they felt was in the best interest of the Town. He further explained that the wooded area to the rear of the property, approximately 3 acres, would pretty much remain as is and should accomplish the Conservation Commission's objective for wildlife habitat.

Sharon Bly, Paula Lane, asked for clarification of the location of the project.

Howard Peck, Conservation Commission, spoke about the set-aside of land for open space.

Edgar Lavigne, an abutter, had a question about the water dispensation to the sedimentation tanks (by gravity).

The regulation regarding Net Buildable Area was discussed by the Commission.

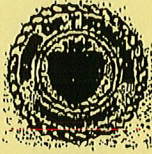
Randolph Blackmer made a motion to close the Public Hearing, seconded by Daniel Touchette. All in favor, motion carries. Public Hearing was closed at 7:36 PM.

PUBLIC HEARING #2 (continued from October 24th, 2005)

Special Permit Application # 2005-09 - Quinebaug Fire Dept, 720 Quinebaug Road, Map 3, Block 81, Lot 1, Zoned R-40 for the location of a new cellular tower, 130' in height

Chief Donovan and Robert Roy represented the Fire Dept. and Mark Appleby was present for Cingular Wireless. A letter was submitted from





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George Davis, Davis Electronics, confirming that an antenna height of 125' above ground was needed to insure reliable portable radio coverage.

They have requested a waiver for the ancillary building size. They have added fencing for around the tower. Cingular will put in shrubs to shield the Quinebaug Mobile Home Park (approx. 6').

Robert Werge had questions regarding the fall zone for the tower. The Commission was to speak to the Town attorney for interpretation of the existing requirement. To date, there has been no answer forthcoming. Atty. Chris Fisher gave explanations about the fall zone area, the fall zone plus twenty-five feet and the yield (break) point.

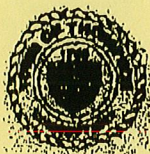
Steven Antos asked about the concern of output frequencies. A letter has been submitted regarding this issue from John Elevins, a Radio Frequency Specialist, stating that there will be no adverse impact to the neighborhood or community. Atty. Chris Fisher explained that the frequency output was so low in power that no reports were needed to the federal government.

Charles Paquette questioned the use of other towers in the area by using repeaters. Chief Donovan explained the differences in frequencies and that if the repeaters were to go down, there would be no service. This proposed antenna would cover the entire town of Thompson. This tower is needed for public safety in the community.

Charles Paquette read a letter of support for the tower from Reverend Dennis Carey, St. Stephen's Parish. His letter gave an account of an emergency situation and his inability to reach 911.

James Naum asked how the fire departments contacted each other during a fire situation this past week. Chief Donovan stated there was a problem even during this event.

Randolph Blackmer has walked the site where some of the trees were taken down and stated that there are still some large pine trees that will help to camouflage the tower from the Mobile Park. The tower will be more visible from Route #131. Steven Antos commented that there is no requirement for horticulture in the regulations.



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Brian Kimball, 162 Old Turnpike Road, spoke about the communication that is necessary for emergency services and life safety for not only residents, but also for responders, having experienced a life safety issue of his own.

Richard Babbitt, Quinebaug Park, offered his comments, which were in opposition to the tower.

Ron Travers, Quinebaug Park, cited his interpretation of several of the regulations and his opinion for implementation of the regulations.

Charles Paquette explained that this plan is less obtrusive than the previous plan and therefore it would not be necessary to relocate abutters for the change in plans.

Atty. Chris Fisher explained that the fall zone is within the boundaries of the Fire Department property.

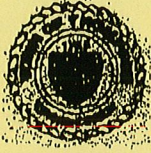
Mr. Travers then cited frequency regulations and asked if there had been an attempt to get space on any other towers.

Chief Donovan explained that any other tower within the town could not accommodate their needs.

Mr. Travers presented photos taken showing balloons raised to the height of the proposed tower and a petition with 42 signatures of opposition from the Quinebaug Mobile Park.

There were various other comments regarding cell phones causing cancer, locating the tower elsewhere and cell towers decreasing property values.

Justine Gendreau, Linda Lane, an EMT for the Quinebaug Fire Department, stated that there is no communication on the outer limits or even some nearby areas. That prevents the EMT's from communicating with the rescue vehicles and/or other emergency services if they cannot contact them.



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Donald Dancause, Quinebaug Park, spoke about the issue of refinancing the park in the future and what impact the radio tower would have on that endeavor.

Sharon Bly, a relatively new resident to the town, spoke about dependence of residents on the fire and police and the comfort that it brings knowing that someone can be reached in an emergency.

Randolph Blackmer made a motion to close the Public Hearing, seconded by Steven Antos. All in favor, motion carries. Public Hearing closed at 8:46 PM.

Charles Paquette called for a short recess.

Meeting reconvened at 8:55 PM.

REGULAR MEETING

Charles Paquette opened the regular meeting at 8:55 PM

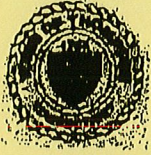
- 1). Approve the Minutes of the October 24<sup>th</sup>, 2005 meeting

John Rice a motion to accept the minutes as mailed, seconded by Randolph Blackmer. All in favor, motion carries.

- 2). Correspondence

Charles Paquette reviewed all correspondence with attending Commission members.

- Charles Paquette read a memorandum from the Town Clerk regarding the need to get a resignation letter from Diane Bradley, who has moved from the Town of Thompson
- Charles Paquette read a letter from Sandra & Michael Pimental regarding truck traffic on New Road - a copy of this letter will be sent to Jeff Rawson so that this issue can be addressed between both parties
- Charles Paquette read a letter from CME Associates regarding a development proposal for Rawson Avenue
- Charles Paquette read a Cease & Desist Order that was sent to Meehan Builders by the Zoning enforcement Officer, James Naum



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made a motion that if the Cease & desist Order is not followed, John Mahon is to take action with Atty. St. Onge, seconded by Daniel Touchette

3). Discuss Public Hearing -

- Thompson Woods (Marianapolis property) - The plan was reviewed again and it was noted that the easements must be noted on the plan. There was a discussion regarding the open space versus the fee in-lieu of open space. There was also a discussion regarding the recommendation of the Conservation Commission. D.R. Hoenig offered his opinion that during the initial presentation to the Commission, the applicant was led to believe that a fee in-lieu of open space was what the P & Z Commission wanted and to change that now would be an impediment to the applicant. Randolph Blackmer made a motion to approve the application with the cement sidewalks, an easement across any of the properties where the pipeline crosses, include the recommendation of the teardrop turn-around for the distribution of snow, the implementation of Cape Cod curbing and \$36,000 to be received prior to the mylar being signed, seconded by D. R. Hoenig

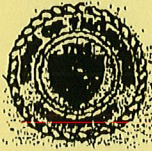
VOTE

Table with 4 columns: Name, Vote, Name, Vote. Includes John Rice (No), Steven Antos (Yes), D. R. Hoenig (Yes), Peter Nedzweckas (Abstain), Randolph Blackmer (Yes), Lauri Groh-Germain (Yes), James Naum (Abstain), Daniel Touchette (Yes), Robert Werge (No), Charles Paquette (Yes).

The application is accepted.

- Quinebaug Fire Dept (Radio tower) - John Rice made a motion to approve the radio communication tower with the stipulations of a waiver of the fall zone, waiver of the tower height (Article IX, Section 7.3a.1) and waiver for the size of the ancillary building (Article IX, Section 4.3) and a letter must be posted for further tower sharing, motion seconded by Randolph Blackmer.

John Mahon had a concern with issuing a CO without the vegetative buffer being in place should the weather not allow at the time of



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completion of the Fire Department building.

There was a discussion regarding a bond being posted for the dismantling of the tower in the event it becomes obsolete. Being on private property and at the fire department location it was deemed not to be a requirement.

VOTE

Table with 4 columns: Name, Vote, Name, Vote. Includes John Rice, Steven Antos, D. R. Hoenig, Peter Nedzweckas, Randolph Blackmer, Lauri Groh-Germain, James Naum, Daniel Touchette, Robert Werge, Charles Paquette.

The application is accepted.

- 4). Application # SUB 2005-03 - Patricia DeFilippo/Victoria Minarik/John S. Minarik Jr. - 1147 Thompson Road, Map 116, Block 24, Lot 2, Zoned R-20 for a 3-lot Subdivision (Minarik Acres) (continued from October 24th, 2005 for map change on frontage requirements and a waiver needed for wells)

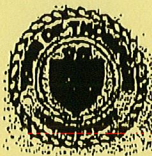
Thomas and Richard Minarik were both present with new plans. After review of the plans, Randolph Blackmer made a motion to approve the waiver for the well distance from 37'.5" to 31'.4" on Parcel 1, seconded by John Rice.

VOTE

Table with 4 columns: Name, Vote, Name, Vote. Includes John Rice, Steven Antos, D. R. Hoenig, Peter Nedzweckas, Randolph Blackmer, Lauri Groh-Germain, James Naum, Daniel Touchette, Robert Werge, Charles Paquette.

The waiver for the well distance is granted.

Randolph Blackmer made a motion approve the 4-lot subdivision with the modification to move the septic on Parcel 3 another 17'.5" further from the property line, seconded by Daniel Touchette.



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VOTE

Table with 4 columns: Name, Yes/No, Name, Yes/No. Includes John Rice, Steven Antos, D. R. Hoenig, Peter Nedzweckas, Randolph Blackmer, Lauri Groh-Germain, James Naum, Daniel Touchette, Robert Werge, Charles Paquette.

- 5). Gravel Permit # 2005-10 - Rawson Materials, Inc., Map 65, Block 101, Lots 6 & 9, Zoned Industrial

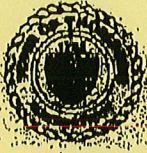
Patrick McLaughlin, KWP Associates, was present to explain the plan to the commission. John Mahon noted there are multiple deficiencies with the plan. This will be on the agenda for December 19th, 2005 meeting and if the application is complete, the Commission will schedule a Public Hearing for the January 2006 meeting.

- 6). Discussion - Randy LaCoille, 481 West Thompson Road - he would like to build on the Putnam portion of the lot using West Thompson Road for ingress and egress. He needs approval from the Town of Thompson in order to get a building permit from the Town of Putnam. After review of the map, Daniel Touchette made a motion to allow access from West Thompson Road as long as the residence is located in the Town of Putnam, seconded by James Naum. All in favor, motion carries.

- 7). Informal Discussion - Scott Chace/Ron Tetrault/ Dick Loomis, 693-699 Riverside Drive

Scott Chace and Dick Loomis were both present to explain their intentions for the property where Johnny's Package Store is located. They would like to remove the mobile homes on the property and expand the commercial use and incorporate apartments above. It is zoned R-20 now and is serviced by town water and sewer. This intended use would need a mixed-use zone, which is something that the Commission has been considering when the regulations are reviewed next. Mr. Loomis stated that this is a plan for the future and not for immediate use.

Charles Paquette suggested that they leave the plans so that it can be reviewed with the Town attorney for his input.



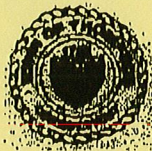
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- 8). Signing of Mylars (requires a roll call vote) - None this evening
9). Applications received after agenda - None this evening
10). Monthly Budget Review - John Rice has reviewed and everything is okay.
11). Old Business
- Status of reclamation of former DiBonaventura gravel bank on New Road now owned by Fossile - The Cease & Deaist Order has been sent.
12). New Business
- There will be discussion about forming of a committee to review the regulations at a future meeting.
- John Rice wants to request that applicants submit 5 prints versus the required 3 prints so that Conservation and the Highway Foreman could each have a plan to review. John Rice made a motion to request five copies from applicants in the future, seconded by D. R. Hoenig. All in favor, motion carries.
- John Rice mentioned that there will be a Sustainable Design in our Communities Seminar by the Green Valley Institute for Land Use on December 6th, 2005 at the Publick House in Sturbridge, MA from 5:30 to 8:30 PM, if any commission members are interested in attending. There are two speakers and a dinner buffet. The cost is \$25 each person.
13). Citizens Comments - None this evening
14). Review of ZBA Applications -
ZBA Application # 05-12 - Celina Burnett , 15 Jensen Drive, Map 143, Block 16, Lot 7M, Zoned R-40 for a reduction in right & left sidyard setbacks from 25' to 5'. Existing/former setback was 15' from right-of-way. Article V, Section 1.
Hardship: Fire destroyed former 40' mobile home and applicant can only replace with 48' mobile home.



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MONDAY, NOVEMBER 28, 2005 \* 7:00 PM  
MERRILL SENEY COMMUNITY ROOM

Page 10 of 10

It was the consensus of the Commission not to comment on this application.

15. Adjourn

Prior to adjournment, Charles Paquette welcomed back members who were re-elected and newest member, Peter Nedzweckas.

John Rice made a motion to adjourn the meeting, seconded by D. R. Hoenig. All in favor, motion carries. The meeting adjourned at 10:26 PM.

Respectfully Submitted,

Barbara R. Pickett  
Recording Secretary



**CUDDY & FEDER LLP**

300 WESTAGE BUSINESS CENTER  
FISHKILL, NEW YORK 12524

NEIL ALEXANDER (also CT)  
THOMAS R. BEIRNE (also DC)  
STEPHANIE BORTNYK  
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Of Counsel  
ANDREW A. OLICKSON (also CT)  
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ROBERT L. OSAR (also TX)  
MARYANN M. PALERMO  
ROBERT C. SCHNEIDER

TO: Michael Perrone  
Mark Appleby  
Steve Levine

FROM: Christopher Fisher, Esq.

MAIN OFFICE NO. \_\_\_\_\_

TELECOPIER NO. 860-827-2950 (Perrone)  
860-513-7190 (Appleby/Levine)

DATE: 12/5/05 PAGES: 16 CLIENT: 1844 MATTER: 1933  
(Including Cover)

MESSAGE:

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OPERATOR: \_\_\_\_\_

(845) 896-2229 Ext. \_\_\_\_\_

IF THERE ARE ANY PROBLEMS, PLEASE NOTIFY OPERATOR IMMEDIATELY.



TOWN of  
**THOMPSON**  
PLANNING & ZONING COMMISSION

MUNICIPAL BUILDING  
815 RIVERSIDE DRIVE  
NORTH GROSVENORDALE, CT 06255  
TELEPHONE: (860) 923-1852  
FACSIMILE: (860) 923-9897

08/23/2005

Connecticut Siting Council  
Ten Franklin Square  
New Britain, CT 06051



RE: Your Agenda for 08/24/2005, Line item 28. **TS-CING-141-050801**

Dear Connecticut Siting Council,

This letter is in regards to a request to your agency from New Cingular Wireless PCS, LLC for an order to approve tower sharing at an approved telecommunications facility located at 720 Quinebaug Road, Thompson, Connecticut. The Town of Thompson Planning & Zoning Commission has never approved a telecommunications facility at the above mentioned location, and for the sole purpose of clarification, this location is not municipal property. It is in fact an independent volunteer fire department.

On 08/22/2005, I spoke with a Mr. Michael Perrone at CSC and explained my concerns about the above mentioned request for "sharing" of an approved tower. I explained to him that I had some serious concerns regarding this matter and he had a copy of the Town of Thompson Planning & Zoning Commission in which we clearly stated for the record that the fire department could erect an antenna for it's facility. In now way did we approve or for that matter made aware of a telecommunications facility at the subject site. The fire department was only present for approval of their special permit to construct a new fire department at this location. To construct the proposed 130 ft monopole an it's accessory building as depicted by Cingular would in fact violate the special permit issued to the fire department which would result in their not receiving a Certificate of Zoning Compliance upon completion of their new fire station.

The consensus of the Planning and Zoning Commission at their meeting last night was that this proposal runs counter to our regulations and would like additional input from a representative of both New Cingular Wireless and the CSC.

In closing, I would appreciate it if the CSC would take no action on this matter until our commission has the opportunity to review and discuss this matter with you.

Thank you in advance for your consideration.

Sincerely,

John E. Mahon, Jr.  
Zoning Enforcement Officer

**CUDDY & FEDER LLP**  
90 MAPLE AVENUE  
WHITE PLAINS, NEW YORK 10601-5196

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1971-2000

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NORWALK, CONNECTICUT

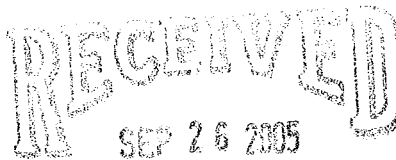
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MARYANN M. PALERMO  
ROBERT C. SCHNEIDER

September 22, 2005

By Fax

Michael Perrone  
Staff Analyst  
Connecticut Siting Council  
Ten Franklin Square  
New Britain, CT 06051



CONNECTICUT  
SITING COUNCIL

Re: New Cingular Wireless PCS, LLC  
TS-CING-141-050801  
Quinebaug Fire Station, 720 Quinebaug Road

Dear Michael:

Enclosed please find a copy of a revised site plan and elevation with respect to the above referenced filing. It is my understanding that the Fire Department has submitted these revised plans to the Town Planning & Zoning Commission in order to address Town concerns over the location shown previously and to amend their local site plan approval for the tower because this new location is slightly moved from the location originally approved by the Town P&Z in December of 2004. I further understand that the Fire Department's request for amended site plan approval is on the Town P&Z's September 26, 2005 agenda for a decision.

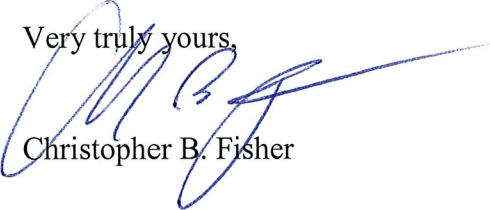
Based on my discussions with the Town's ZEO, John E. Mahon, Jr., this revised plan should address the outstanding concerns that were noted in his August 23, 2005 letter to the Council. Indeed, in the event the Town P&Z approves the Fire Department's revised site plan on Monday night, I'm confident Mr. Mahon will advise you of same on Tuesday the 27<sup>th</sup> which would allow the Council to take action on Cingular's tower sharing request at its September 28<sup>th</sup> meeting.

CUDDY & FEDER LLP

New Cingular Wireless PCS, LLC  
Page 2

Thank you for your continued assistance in this regard.

Very truly yours,

A handwritten signature in blue ink, appearing to read 'CBF', with a long horizontal flourish extending to the right.

Christopher B. Fisher

Enclosures

cc: John E. Mahon, Jr. Town ZEO  
Mark Appleby, Cingular  
Steve Levine, Cingular

DATE	DESCRIPTION	BY	APP'D
0	ISSUED FOR ZONING APPROVAL		

Maguire Group Inc.  
Architects/Engineers/Planners  
One Court Street  
New Britain, Connecticut 06051



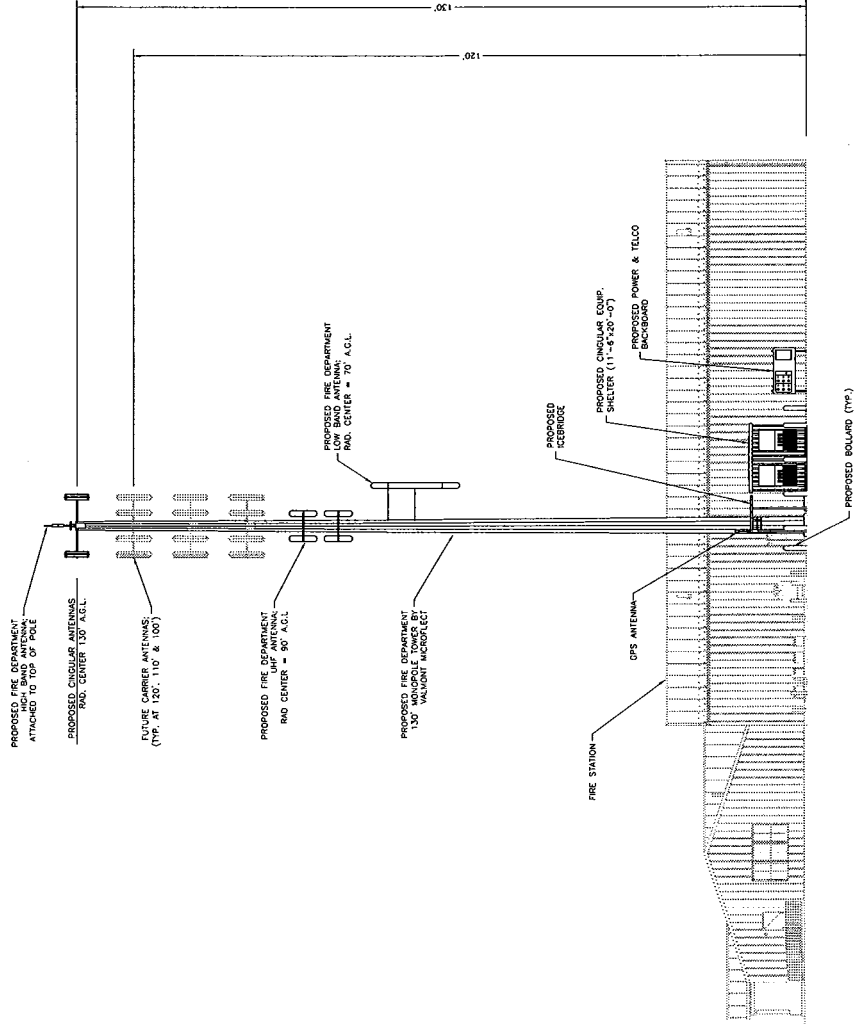
QUINEBAUG VOLUNTEER  
FIRE DEPARTMENT, INC.  
QUINEBAUG, CT  
CONN. RTE. # 31  
REVISED TOWER LOCATION  
NORTHWEST ELEVATION

PROJECT NO.: 17206  
DESIGNED BY: AMC  
DRAWN BY: AMC  
CHK'D BY:  
DATE: 09/20/05  
SCALE: 1"=10'-0"  
SHEET NO.:

Z-2

SHEET 2 OF 2

QUINEBAUG VOLUNTEER  
FIRE DEPARTMENT  
NORTHWEST ELEVATION



NORTHWEST ELEVATION  
SCALE: 1"=10'-0"







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NORWALK, CONNECTICUT

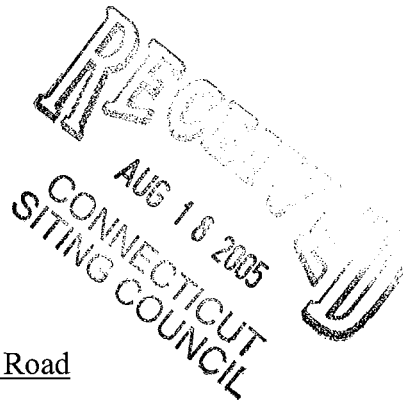
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MARYANN M. PALERMO  
ROBERT C. SCHNEIDER

August 17, 2005

Michael Perrone  
Staff Analyst  
Connecticut Siting Council  
Ten Franklin Square  
New Britain, CT 06051

Re: New Cingular Wireless PCS, LLC  
Tower Sharing Request  
Quinebaug Fire Station, 720 Quinebaug Road

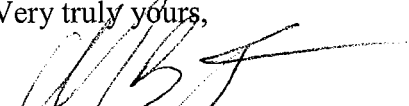


RECEIVED  
08 AUG 16 AM 10:52  
EXECUTIVE SECRETAR

Dear Michael:

Enclosed please find a copy of the structural that was prepared for the Quinebaug Fire Department tower in the Town of Thompson. Should you have any questions regarding the enclosed, please do not hesitate to contact me.

Very truly yours,

  
Christopher B. Fisher

Enclosures

cc: Stephen Howard, Cingular  
Steven Levine, Cingular





## STRUCTURES

VALMONT COMMUNICATIONS

1545 PIDCO DRIVE

PLYMOUTH, INDIANA 46563

PHONE: 1-800-547-2151

ENGINEER: Anita L. Anthony

Reviewed by: *ALL*

# COMMUNICATION POLE DESIGN CALCULATIONS

AUG 04 2005



EXPIRES ON

JAN 31 2006

MAGUIRE GROUP

VALMONT ORDER #18435-65

SITE NAME: Quinebaug Fire Station

POLE HEIGHT: 130



# MICROFLECT

8/4/05

## ENGINEERING DATA

for

**MAGUIRE GROUP**

**Quinebaug Fire Station**

**VALMONT ORDER 18435-65**

- 1) STRUCTURE DESIGN CONFORMS TO EIA/TIA-222-F INCLUDING:  
85 MPH BASIC WIND SPEED WITH NO ICE  
73.6 MPH BASIC WIND SPEED WITH 0.5 INCH RADIAL ICE  
TWIST AND SWAY EVALUATION NOT REQUIRED
- 2) FEEDLINES ARE ASSUMED TO BE PLACED INTERIOR TO THE POLE.
- 3) ALL MICROWAVE ASSUMED TO BE 6 GHz UNLESS OTHERWISE NOTED.
- 4) LOADING AS FOLLOWS:  
130' POLE  
12 - 5' x 1' Panel @ 130.0'  
24 - Tower Top Amp (TTA) @ 130.0'  
1 - Platform, PiRod w/o rails, 13' @ 130.0'  
12 - 5' x 1' Panel @ 120.0'  
1 - Platform, PiRod w/o rails, 13' @ 120.0'  
12 - 5' x 1' Panel @ 110.0'  
1 - Platform, PiRod w/o rails, 13' @ 110.0'  
12 - 5' x 1' Panel @ 100.0'  
1 - Platform, PiRod w/o rails, 13' @ 100.0'  
2 - DB404 @ 130.0'  
1 - SD110 @ 80.0'  
1 - Lightning Rod, 8' @ 130.0'

### STRUCTURE ANCHORAGE INFORMATION

POLE HEIGHT(FT):	130	NUMBER OF A.B.'s:	12
BOLT CIRCLE(IN):	55.03	DIA. OF A.B.'s(IN):	2.25
BASE VERTICAL(K):	29.81	LENGTH OF A.B.'s(IN):	96.00
BASE SHEAR(K):	23.58	PROJECTION LENGTH(IN):	9.25
BASE MOMENT(IN-K):	27532	TEMPLATE OD(IN):	58.53

# valmont

## MICROFLECT

BY \_\_\_\_\_ DATE \_\_\_\_\_  
 CHKD. BY \_\_\_\_\_ DATE \_\_\_\_\_

SHEET NO. \_\_\_\_\_

8/4/05

### ENGINEERING DATA

for

#### MAGUIRE GROUP

Quinebaug Fire Station

VALMONT ORDER 18435-65

EIA/TIA-222-F  
 BASIC WIND: 85.0 MPH  
 WIND & ICE: 73.6 MPH AND 0.5 IN. ICE  
 TWIST & SWAY: NOT REQUIRED

QTY DESCRIPTION	HEIGHT	DATA W.O. ICE		DATA W/ ICE	
		EPA	WT	EPA	WT
12 5' x 1' Panel	@ 130.0'	42.00	360	45.60	672
24 Tower Top Amp (TTA)	@ 130.0'	60.72	1080	67.44	1416
1 Platform, PiRod w/o rails, 13'	@ 130.0'	15.70	1300	20.10	1765
12 5' x 1' Panel	@ 120.0'	42.00	360	45.60	672
1 Platform, PiRod w/o rails, 13'	@ 120.0'	15.70	1300	20.10	1765
12 5' x 1' Panel	@ 110.0'	42.00	360	45.60	672
1 Platform, PiRod w/o rails, 13'	@ 110.0'	15.70	1300	20.10	1765
12 5' x 1' Panel	@ 100.0'	42.00	360	45.60	672
1 Platform, PiRod w/o rails, 13'	@ 100.0'	15.70	1300	20.10	1765
2 DB404	@ 130.0'	6.84	34	13.56	86
1 SD110	@ 80.0'	7.60	21	10.68	118
1 Lightning Rod, 8'	@ 130.0'	1.12	37	1.77	45





-----  
 DESIGN SUMMARY  
 -----

ABOVE GROUND HEIGHT (FT) 130.00 GROUND LINE DIAMETER (IN) 47.600 POLE SHAFT WEIGHT (LB) 13842  
 TOP DIAMETER (IN) 19.938

POLE TAPER (IN/FT) 0.2200 SHAPE: 16-SIDED SYMMETRICAL POLYGON

CONNECTIONS BETWEEN SECTIONS /FIRST/ /SECOND/

HEIGHT ABOVE GROUND (FT) 45.00 90.00  
 TYPE LAP SPLICE  
 OVERLAP LENGTH 67" 54"

SECTION CHARACTERISTICS /FIRST/ /SECOND/ /THIRD/

BASE DIAMETER (IN) 47.600 39.485 29.725  
 TOP DIAMETER (IN) 37.700 28.363 19.938  
 THICKNESS (IN) 0.31250 0.28125 0.18750  
 LENGTH 45' 0" 50' 7" 44' 6"  
 WEIGHT (LB) 6442 5176 2224

-----  
 ANALYSIS SUMMARY  
 -----

GROUND LINE	GOVERNING LEVEL SEC.			GOVERNING TOP
	1	2	3	
HEIGHT (FT)	LOD1 0.00	LOD1 45.00	LOD1 90.00	LOD1 130.00
RESULTANT MOMENT (IN-KIP)	27532	15681	5674	49
SHEAR FORCE (LB)	23575	19472	15809	5867
VERTICAL FORCE (LB)	21654	14559	9751	2811
COMBINED STRESS (KSI)	50.64	49.69	47.86	1.19
ALLOWABLE STRESS (KSI)	50.75	52.00	50.60	52.00
ALLOWABLE/COMBINED STRESS	1.00	1.05	1.06	43.75
TOTAL DEFLECTION (IN)	0.00	10.97	46.30	98.60

NOTE: DIAMETERS ARE OUTSIDE, MEASURED ACROSS THE FLATS

BY VALMONT INDUSTRIES FOR:

MAGUIRE GROUP 130' POLE, SITE: QUINEBAUG FIRE STATION

QU121DATE 08/04/05

\*\*\* GROUNDLINE REACTIONS \*\*\*

LOADING CASE IDENTIFIER	MOMENTS (IN-KIPS) ABOUT X-AXIS	MOMENTS (IN-KIPS) ABOUT Y-AXIS	TORSIONAL (X & Y)	AXIAL FORCE (LBS)	X-DIRECTION	IN	Y-DIRECTION	SHEAR (LBS) IN	RESULTANT (X & Y)	NOTES
L0D1	15296	22892	- 72	21654	19602		13098	13098	23575	A C
L0D2	13359	19992	- 63	28158	16433		10980	10980	19764	B

NOTE: POSITIVE AXIAL FORCE IS DOWNWARD. AXIAL FORCE INCLUDES THE WEIGHT OF THE ABOVE-GROUND PORTION OF THE POLE SHAFT TIMES THE APPROPRIATE OVERLOAD FACTOR, IN ADDITION TO THE CONCENTRATED VERTICAL LOADING.

KEY TO THE SPECIAL NOTE ENTRIES

- A INDICATES LOAD CASE WITH MAXIMUM OVERTURNING MOMENT
- B INDICATES LOAD CASE WITH MAXIMUM AXIAL FORCE
- C INDICATES LOAD CASE WITH MAXIMUM RESULTANT SHEAR

LOADING CASE LOD1

BASIC VELOCITY IS 85.00 M.P.H. ICE THICKNESS 0.00 INCHES  
 FORCE COEFFICIENT INCREASED TO ACCOUNT FOR PROJECTIONS (EIA NOTE #3)  
 - MULTIPLIER IS 1.3, BUT RESULT NOT TO EXCEED 1.2-  
 WIND ORIENTATION IS 33.8 DEGREES CLOCKWISE FROM -X- AXIS  
 POLE WEIGHT OVERLOAD FACTOR IS 1.000 EXPOSURE C GUST FACTOR 1.69  
 ARM LOCATION IS MEASURED CLOCKWISE FROM -X- AXIS  
 POSITIVE -Y- AXIS IS 90 DEGREES CLOCKWISE FROM -X- AXIS

FOUNDATION ROTATION OF 0.50 DEGREES  
 ARM MOUNTING HEIGHT APPLICATION POINT (FT)  
 ARM LENGTH (FT)  
 LOCATION OF ARM IN XY PLANE (DEGREES)

ORIENTATION OF SYSTEM

+\*\*\*\*\* +X-AXIS  
 \* \* \* \* \* (TRANSVERSE)  
 \* \* \* \* \*

(LONGITUDINAL) \* \* \* \* \* (VERTICAL)  
 +Y-AXIS \* \* \* \* \* +Z-AXIS

ARM NO.	ARM MOUNTING HEIGHT (FT)	APPLICATION POINT (FT)	ARM LENGTH (FT)	LOCATION OF ARM IN XY PLANE (DEGREES)	FORCE-Y (LBS)	FORCE-X (LBS)	FORCE-Z (LBS)	EPA (SQ. FT.)
1	130.00	130.00	0.00	33.75	1620.30	1082.65	360.00	42.00
2	130.00	130.00	0.00	33.75	2342.49	1565.20	1080.00	60.72
3	130.00	130.00	0.00	33.75	605.68	404.70	1300.00	15.70
10	130.00	134.70	0.00	33.75	266.57	178.11	34.00	6.84
12	130.00	134.00	0.00	33.75	43.58	29.12	37.00	1.12
4	120.00	120.00	0.00	33.75	1583.66	1058.17	360.00	42.00
5	120.00	120.00	0.00	33.75	591.99	395.55	1300.00	15.70
6	110.00	110.00	0.00	33.75	1544.78	1032.19	360.00	42.00
7	110.00	110.00	0.00	33.75	577.45	385.84	1300.00	15.70
8	100.00	100.00	0.00	33.75	1503.28	1004.46	360.00	42.00
9	100.00	100.00	0.00	33.75	561.94	375.48	1300.00	15.70
11	80.00	84.80	0.00	33.75	259.50	173.40	21.00	7.60

\*\*\* INPUT LOADS \*\*\*

LOADING CASE LOD2

BASIC VELOCITY IS 74.00 M.P.H. ICE THICKNESS 0.50 INCHES  
 FORCE COEFFICIENT INCREASED TO ACCOUNT FOR PROJECTIONS (EIA NOTE #3)  
 - MULTIPLIER IS 1.3, BUT RESULT NOT TO EXCEED 1.2-  
 WIND ORIENTATION IS 33.8 DEGREES CLOCKWISE FROM -X- AXIS  
 POLE WEIGHT OVERLOAD FACTOR IS 1.000 EXPOSURE C GUST FACTOR 1.69  
 ARM LOCATION IS MEASURED CLOCKWISE FROM -X- AXIS  
 POSITIVE -Y- AXIS IS 90 DEGREES CLOCKWISE FROM -X- AXIS

\*\*\* INPUT LOADS \*\*\*

ORIENTATION OF SYSTEM

+\*\*\*\*\* +X-AXIS  
 \* \* \* \* \* (TRANSVERSE)  
 \* \* \* \* \*

(LONGITUDINAL) \* \* \* \* \* (VERTICAL)  
 +Y-AXIS \* \* \* \* \* +Z-AXIS

ARM NO.	ARM MOUNTING HEIGHT (FT)	HEIGHT OF LOAD APPLICATION POINT (FT)	ARM LENGTH (FT)	LOCATION OF ARM IN XY PLANE (DEGREES)	FORCE-Y (LBS)	FORCE-X (LBS)	FORCE-Z (LBS)	EPA (SQ. FT.)
1	130.00	130.00	0.00	33.75	1333.32	890.90	672.00	45.60
2	130.00	130.00	0.00	33.75	1971.92	1317.59	1416.00	67.44
3	130.00	130.00	0.00	33.75	587.72	392.70	1765.00	20.10
10	130.00	134.70	0.00	33.75	400.53	267.63	86.00	13.56
12	130.00	134.00	0.00	33.75	52.20	34.88	45.00	1.77
4	120.00	120.00	0.00	33.75	1303.18	870.75	672.00	45.60
5	120.00	120.00	0.00	33.75	574.43	383.82	1765.00	20.10
6	110.00	110.00	0.00	33.75	1271.18	849.37	672.00	45.60
7	110.00	110.00	0.00	33.75	560.32	374.40	1765.00	20.10
8	100.00	100.00	0.00	33.75	1237.03	826.56	672.00	45.60
9	100.00	100.00	0.00	33.75	545.27	364.34	1765.00	20.10
11	80.00	84.80	0.00	33.75	276.39	184.68	118.00	10.68



\*\*\* PROPERTIES \*\*\*

CONNECTION LOCATIONS	HEIGHT (FEET)	DIAMETER ACROSS FLATS (IN)	WALL THK. (IN)	D/T ACROSS FLATS	W/T ACROSS FLATS	MOMENTS OF INERTIA (IN <sup>4</sup> )	AREA (IN <sup>2</sup> )
GRND. LINE	0.00	47.600	0.3125	152.3	28.31	13313	47.03
	5.00	46.500	0.3125	148.8	27.61	12405	45.94
	10.00	45.400	0.3125	145.3	26.91	11540	44.84
	15.00	44.300	0.3125	141.8	26.21	10716	43.75
	20.00	43.200	0.3125	138.2	25.51	9932	42.65
	25.00	42.100	0.3125	134.7	24.81	9187	41.56
	30.00	41.000	0.3125	131.2	24.11	8480	40.47
	35.00	39.900	0.3125	127.7	23.41	7811	39.37
SEC BASE	39.44	38.922	0.3125	124.6	22.79	7246	38.40
	40.00	38.800	0.3125	124.2	22.71	7178	38.28
SEC TOP	45.00	38.263	0.2813	136.0	25.07	6209	34.00
	50.00	37.163	0.2813	132.1	24.29	5685	33.01
	55.00	36.062	0.2813	128.2	23.52	5191	32.03
	60.00	34.963	0.2813	124.3	22.74	4727	31.04
	65.00	33.862	0.2813	120.4	21.96	4291	30.06
	70.00	32.763	0.2813	116.5	21.18	3883	29.07
	75.00	31.663	0.2813	112.6	20.40	3502	28.09
ARM	80.00	30.563	0.2813	108.7	19.63	3146	27.10
	85.00	29.463	0.2813	104.8	18.85	2816	26.12
SEC BASE	85.51	29.350	0.2813	104.4	18.77	2783	26.02
SEC TOP	90.00	28.738	0.1875	153.3	28.50	1758	17.04
	95.00	27.638	0.1875	147.4	27.33	1562	16.38
ARM	100.00	26.538	0.1875	141.5	26.16	1382	15.72
ARM	100.00	26.538	0.1875	141.5	26.16	1382	15.72
	105.00	25.438	0.1875	135.7	25.00	1216	15.07
ARM	110.00	24.338	0.1875	129.8	23.83	1064	14.41
ARM	110.00	24.338	0.1875	129.8	23.83	1064	14.41
	115.00	23.238	0.1875	123.9	22.66	925	13.75
ARM	120.00	22.138	0.1875	118.1	21.50	799	13.10
ARM	120.00	22.138	0.1875	118.1	21.50	799	13.10
	125.00	21.037	0.1875	112.2	20.33	685	12.44
ARM	130.00	19.938	0.1875	106.3	19.16	582	11.79
ARM	130.00	19.938	0.1875	106.3	19.16	582	11.79
	130.00	19.938	0.1875	106.3	19.16	582	11.79
ARM	130.00	19.938	0.1875	106.3	19.16	582	11.79
ARM	130.00	19.938	0.1875	106.3	19.16	582	11.79
TOP	130.00	19.938	0.1875	106.3	19.16	582	11.79





LOADING CASE LOD2 \*\*\* REACTIONS \*\*\* SHEAR FORCE AT BASE (LB) = 19764  
 TOTAL VERTICAL FORCE AT BASE (LB) =

28158

HEIGHT (FT)	LOAD	WIND	DEFL	TOTAL	LOAD	MOMENTS ABOUT -Y- AXIS (IN-KIPS)	DEFL	AXIAL (LB)	SHEAR (LB)	***	
0.00	9658	2927	774	13359	14454	4380	1158	19992	28158	16433	10980
5.00	9253	2680	764	12697	13847	4011	1143	19002	27214	16103	10760
10.00	8847	2446	751	12045	13241	3661	1124	18026	26292	15783	10546
15.00	8442	2225	735	11402	12634	3331	1100	17065	25392	15472	10338
20.00	8036	2017	717	10770	12027	3018	1073	16118	24514	15172	10138
25.00	7631	1820	696	10146	11420	2723	1041	15185	23658	14882	9944
30.00	7225	1634	672	9531	10813	2446	1006	14265	22824	14602	9757
35.00	6820	1460	646	8926	10207	2184	967	13358	22012	14331	9576
39.44	6459	1314	621	8394	9667	1966	930	12563	21310	14091	9415
40.00	6414	1296	618	8328	9600	1940	925	12464	21223	14061	9395
45.00	6009	1143	589	7741	8993	1711	881	11585	19802	13788	9213
50.00	5603	1001	558	7162	8386	1499	835	10719	19109	13514	9030
55.00	5198	870	525	6593	7779	1303	785	9867	18435	13244	8849
60.00	4793	750	490	6033	7173	1123	734	9029	17782	12978	8672
65.00	4387	641	454	5482	6566	959	680	8204	17149	12718	8498
70.00	3982	541	417	4940	5959	810	624	7393	16536	12464	8328
75.00	3576	452	378	4406	5352	677	566	6595	15944	12215	8162
80.00	3171	372	338	3881	4745	557	506	5808	15372	12014	8027
85.00	2765	300	298	3362	4138	449	446	5032	14702	11537	7709
90.00	2370	236	257	2863	3547	353	385	4285	14647	11517	7695
95.00	1976	180	215	2371	2957	269	322	3548	13905	11338	7576
100.00	1582	131	172	1885	2367	196	258	2821	13527	11141	7445
105.00	1241	91	132	1464	1857	136	198	2190	13164	10947	7314
110.00	918	58	96	1072	1373	86	144	1604	10045	8972	5995
115.00	652	32	64	748	975	48	96	1120	10045	8783	5868
120.00	402	14	38	454	602	21	56	679	7290	6765	5868
125.00	213	4	16	233	319	5	24	348	6985	6581	4397
130.00	39	0.	0.	39	58	0.	0.	58	6985	6581	4397
130.00	39	0.	0.	39	58	0.	0.	58	4259	4523	3022
130.00	39	0.	0.	39	58	0.	0.	58	3984	4346	2904
130.00	39	0.	0.	39	58	0.	0.	58	3984	4346	2904
130.00	39	0.	0.	39	58	0.	0.	58	3984	4346	2904
130.00	39	0.	0.	39	58	0.	0.	58	3984	4346	2904
130.00	39	0.	0.	39	58	0.	0.	58	3984	4346	2904



\*\*\* ANCHOR BOLT CHARACTERISTICS GOVERNED BY LOADING CASE LOD1 \*\*\*

NUMBER OF BOLTS	DIAMETER (IN.)	LENGTH (IN.)	WEIGHT (LB.)	SHIPPED AS	PROJECTION LENGTH (IN.)	GALVANIZED LENGTH (IN.)	THREAD SIZE
12	2.250	96	1846	BOLTS, TEMPLATES	9.25	18.00	4.5-UNC-2A

STEEL SPECIF.	MAXIMUM BOLT FORCE (LB.)	ALLOWABLE STRESS (PSI)	STRESS AREA (SQ. IN.)	SAFETY FACTOR	CONFIGURATION OF BOTTOM END OF ANCHOR BOLT
A615	168570	59985	3.250	1.16	THREADED WITH HEAVY HEX HEAD NUT

\*\*\* BOLT COORDINATES AND FORCES \*\*\*

BOLT NO.	X-COORD	Y-COORD	MAX TENSION-LB	MAX FORCE-LB	* BOLT NO.	X-COORD	Y-COORD	MAX TENSION-LB	MAX FORCE-LB
1	27.516	0.00	1805	1805	2	23.830	13.758	81576	85185
3	13.758	23.830	142619	146228	4	0.00	27.516	164961	168570

MAX. BOLT CIRCLE = 55.03 IN.      TEMPLATE DIAMETER = 61.03 IN.

\*\*\* BASE PLATE CHARACTERISTICS GOVERNED BY LOADING CASE LOD1 \*\*\*

DRAWING NUMBER	OVERALL LENGTH (IN.)	OVERALL WIDTH (IN.)	THICKNESS (IN.)	ACTUAL WEIGHT (LB.)	RAW MATERIAL WEIGHT (LB.)	SIDE LENGTH (IN.)
HXD6-98	61.03	61.03	2.2500	1655	2374	12.14

TOP WIDTH (IN.)	POLE DIAM. (MAJOR DIAM.) (IN.)	CRITICAL FAILURE MODE	TOTAL LENGTH OF FAIL MODE LINE (IN.)	EFFECTIVE LENGTH (IN.)	TOTAL MOMENT ALONG FAIL LINE (IN.-LB.)
12.14	47.60	5	38.71	26.27	904733

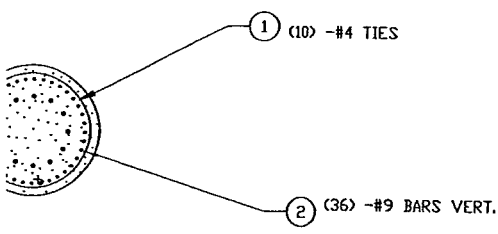
VALMONT SPECIF.	OTHER	BENDING STRESS (PSI)	ALLOWABLE STRESS (PSI)	MAX. VERTICAL SHEAR STRESS (PSI)	MAX CRITERION- LOAD CASE
S128	A633	40819	59976	9573	LOD1

\*\* LOADS AT POLE BASE \*\*\*\*\* LOADING CASES \*\*\*\*\*  
 LOADING CASE IDENTIFICATION      LOD2  
 MOMENT ABT. X-AXIS (IN-KIP)      13359  
 MOMENT ABT. Y-AXIS (IN-KIP)      19992  
 SHEAR FORCE (LB.)                  23575  
 VERTICAL FORCE (LB.)                21654

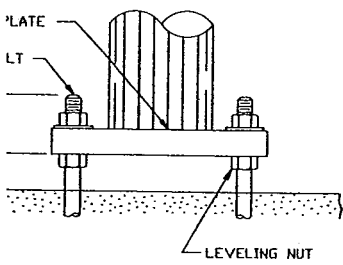
**GENERAL NOTES: SLAB**

1. Prior to excavation, check the area for underground facilities.
2. All reinforcing shall be Intermediate grade deformed bars conforming to ASTM A615 Grade 60 (60,000 psi min. yield) and shall be provided by the foundation contractor.
3. All concrete shall have a minimum compressive strength of 3,000 psi @ 28 days. The requirement for the concrete shall be as given in the ACI 'Building Code Requirements for Reinforced Concrete', ACI 318, the latest edition.
4. Concrete shall be placed against undisturbed soil to the depth indicated on the foundation drawing. The portion above grade shall be formed. If an area is excavated beyond the limits shown, this volume shall be filled with concrete or formed. After the forms are removed, the excess excavation shall be replaced and compacted.
5. Trowel top of foundation smooth.
6. Concrete is assumed to weigh 150 pcf.
7. Estimated concrete volume = 60.93 cu. yards.
8. Design based on the following loads:  
 Overturning Moment = 2294 k-ft. Overturning Safety Factor = 1.54  
 Total Shear = 23.58 kips Max. Toe Bearing Pressure = 2.45 ksf  
 Total Weight = 25.23 kips
9. Foundation design is based on an allowable vertical bearing pressure of 5000 psf.
10. Reference soils report performed by Maguire Group Inc., Job Number 17206 Dated June 30, 2005
11. Backfill should be compacted to density of 100 pcf.

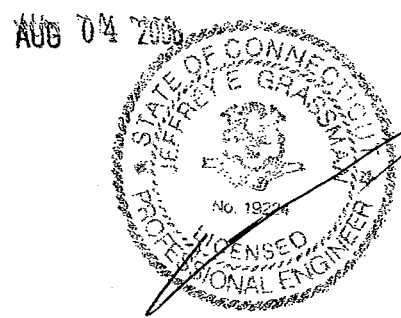
MAY BE SQUARE  
 E BY USING THE DIA.  
 FACE DIMENSION.



**SECTION B-B**



**HOR BOLT INSTALLATION**  
 EXTREME CARE SHOULD BE TAKEN TO  
 INSURE THAT ALL LEVELING NUTS ARE  
 INSTALLED WITH RESPECT TO EACH OTHER  
 PRIOR TO ERECTION OF THE TOWER



Size	ASK #	Wt./ft	10db	d#	d**
#3	11-97203	0.38	5'	2 1/4"	1 1/2"
#4	11-97204	0.67		3"	2"
#5	11-97205	1.04		3 3/4"	2 1/2"
#6	11-97200	1.50		4 1/2"	4 1/2"
#7	11-97207	2.04		5 1/4"	5 1/4"
#8	11-97208	2.67		6"	6"
#9	11-97209	3.40		9 1/2"	
#10	11-97210	4.30		10 3/4"	
#11	11-97211	5.31		12"	

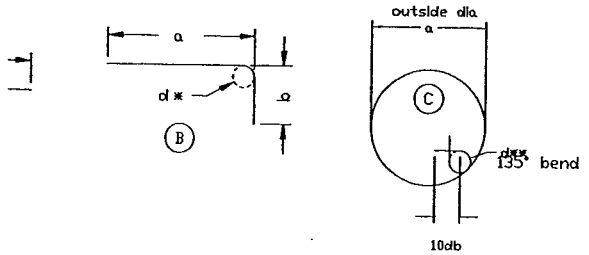
\* Refers to ACI standard hook detail chart  
 \*\* Refers to ACI stirrup hook detail chart

Rebar Size	Rebar Grade	Specified Concrete Strength	Overlap (Inches)		
			Vert	Bottom Horiz	Top Horiz
#3	60	3000 psi	15	15	21
#4	60	3000 psi	20	20	29
#5	60	3000 psi	26	26	36
#6	60	3000 psi	33	33	46
#7	60	3000 psi	45	45	62
#8	60	3000 psi	59	59	82
#9	60	3000 psi	74	74	104
#10	60	3000 psi	95	95	132
#11	60	3000 psi	116	116	163

Splicing is an alternative to specified material listed in rebar schedule.

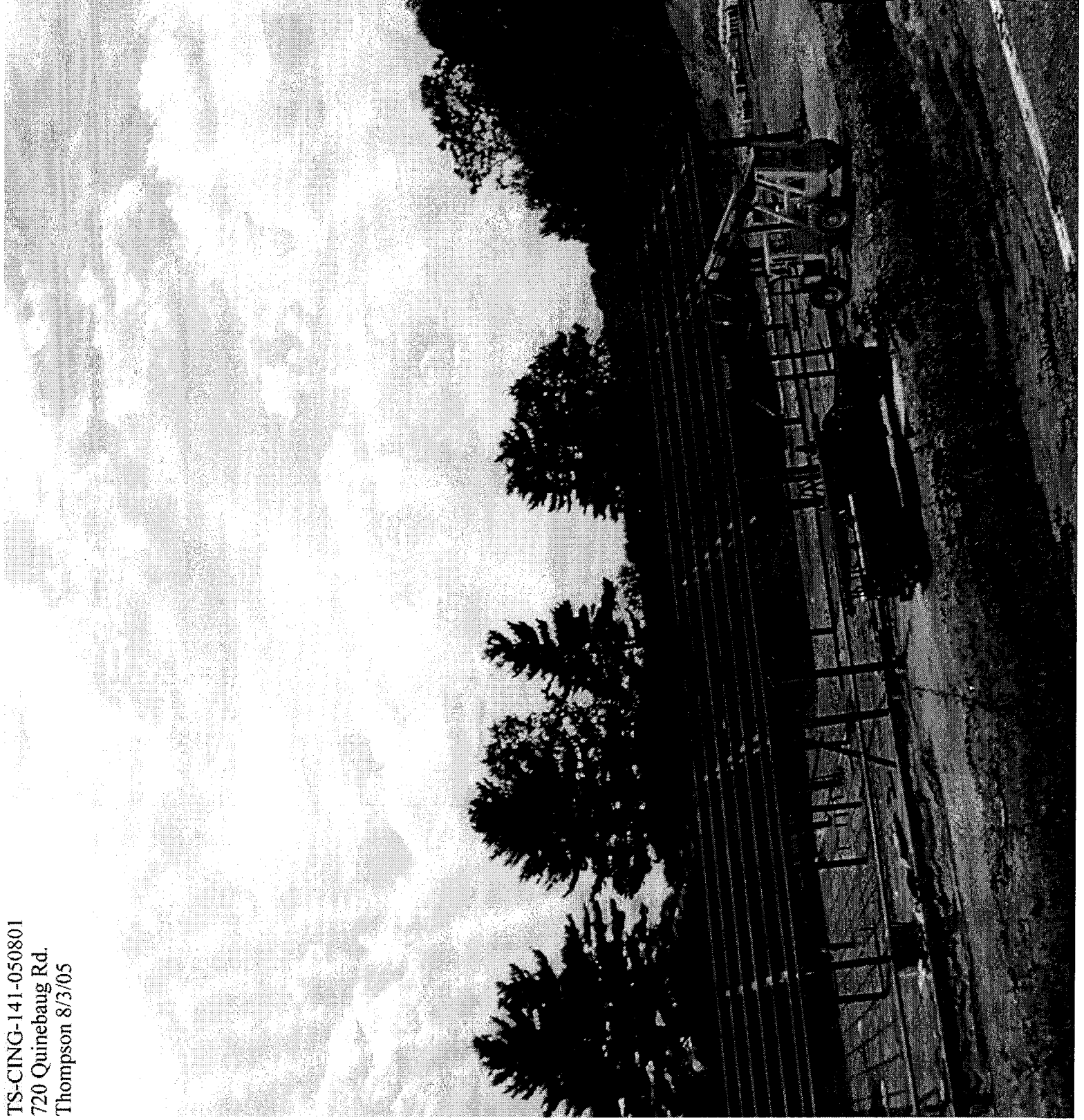
Bar	Dimensions					Weight (lbs)	Qty
	a	b	c	d	(10db)		
QUAL	6'-0"			2'	5'	126#	10
	8'-0"	1.13'		9.5'		1117#	36
16.71'	19'-6"					879#	30
11.14'	19'-6"					1754#	44
FOR COMPLETE FOUNDATION INSTALLATION =						3876#	

**EXPIRES ON**  
**JAN 31 2006**



DATE	BY/CK	SLAB FOUNDATION LAYOUT	
		Customer: Cingular	
		Site: Quinebaug Fire Department	
DESCRIPTION			
		3575 25TH STREET SE, SALEM, OR 97302 MAIN (503)363-9567 FAX (503)216-2040	
BY	ALA	CK	MF
DATE	08/04/05		
S.D.	18435-65	SHEET: ...-1 OF 1	

TS-CING-141-050801  
720 Quinebaug Rd.  
Thompson 8/3/05







# 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@po.state.ct.us](mailto:siting.council@po.state.ct.us)

[www.ct.gov/csc](http://www.ct.gov/csc)

August 2, 2005

The Honorable Douglas J. Williams  
First Selectman  
Town of Thompson  
Town Office Building  
815 Riverside Drive  
P. O. Box 899  
North Grosvenordale, CT 06255

RE: **TS-CING-141-050801** – New Cingular Wireless PCS, LLC request for an order to approve tower sharing at an approved telecommunications facility located at 720 Quinebaug Road, Thompson, Connecticut.

Dear Mr. Williams:

The Connecticut Siting Council (Council) received this request for tower sharing, pursuant to Connecticut General Statutes § 16-50aa.

The Council will consider this item at the next meeting scheduled for Wednesday, August 24, 2005, at 1:30 p.m. in Hearing Room Two, Ten Franklin Square, New Britain, Connecticut.

If you have any questions or comments regarding this proposal, please call me or inform the council by Tuesday, August 23, 2005.

Thank you for your cooperation and consideration.

Very truly yours,



S. Derek Phelps  
Executive Director

SDP/jkl

Enclosure: Notice of Tower Sharing

c: John E. Mahon, Jr., Zoning Enforcement Officer, Town of Thompson



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

TS-CING-141-050801

August 1, 2005

RECEIVED  
AUG 01 2005

CONNECTICUT  
SITING COUNCIL

Ms. Pamela Katz, Chairman, and  
Members of the Council  
Connecticut Siting Council  
10 Franklin Square  
New Britain, Connecticut 06051

**Re: Request by New Cingular Wireless PCS, LLC for an Order Approving Shared Use of an Approved Fire Department Tower Located at 720 Quinebaug Road, Thompson, Connecticut.**

Dear Chairman Katz and Members of the Council:

Pursuant to Connecticut General Statutes (C.G.S.) Section 16-50aa, New Cingular Wireless PCS, LLC ("Cingular") hereby requests an order from the Connecticut Siting Council ("Council") approving the proposed shared use by Cingular of a fire department tower to be located at the new Quinebaug Volunteer Fire Department building, 720 Quinebaug Road, Thompson, Connecticut 06082. A copy of this letter is being sent to the 1<sup>st</sup> Selectman of the Town of Thompson.

**Approved Fire Department Tower**

The Quinebaug Volunteer Fire Department, Inc. ("Fire Department") has had longstanding plans to build a new fire station and related facilities at 720 Quinebaug Road in the Town of Thompson. In December of 2004, the Fire Department's project was comprehensively reviewed by the Town of Thompson Planning & Zoning Commission ("P&Z") as part of a special permit application. That application which was approved by the Thompson P&Z included a 9,000 square foot firehouse, a parking lot and other improvements normally accessory to a fire department including a new 130' tall Fire Department communications tower. A copy of the P&Z's December 20, 2004 minutes are attached which detail the Fire Department's project and approval and its need for the 130' tower for emergency communications purposes.

It is Cingular's understanding that the new Fire Department is under construction and that operations, including the new emergency communications tower and equipment are forecast

to be moved from the old firehouse to the new facility during the third quarter of this year. The Fire Department tower itself will consist of a 130 foot monopole with the Fire Department's high-band antenna located at the top, other fire department antennas located at the 70' and 90' levels of the tower and the 100 through 130' levels of the tower reserved for wireless carrier use. The tower will be located adjacent to the new fire station in the parking lot, and the Fire Department has elected to construct it without fencing or landscaping to conserve space. Approximate coordinates for the new Fire Department tower are N 42° 01' 17" and W 71° 56' 54" (NAD 83).

### **Proposed Shared Use of the Fire Department Tower**

Cingular operates under licenses issued by the Federal Communications Commission ("FCC") to provide cellular and PCS mobile telephone service in Windham County, which includes the area to be served by Cingular's proposed installation. Attached to this request are a site location map, a site plan, and the tower profile. As shown on the attached drawings which are based on the Fire Department's plans as approved by the Thompson P&Z, Cingular proposes to install up to six Powerwave 7770.00 dual band panel antennas, or their equivalent, approximately 55 inches in height at a centerline height of 130 feet above ground level. Cingular also proposes to place an 11½ ft x 20 ft prefabricated concrete equipment shelter at the base of the tower.

### **The Fire Department Tower is not a Facility for purposes of Council Jurisdiction**

The Fire Department is a not-for-profit volunteer organization that is funded in part by Town tax revenue. The tower facility itself was zoned as part of a comprehensive project for a new firehouse and is being constructed in furtherance of an essential municipal function, i.e., fire protection services. Indeed, the Fire Department will own and operate the tower which is needed for emergency communications in the community. As such, the approved Fire Department tower is not a "facility" as that term is defined in Section 16-50i of the Connecticut General Statutes, but rather an accessory use to the Fire Department's new firehouse which will continue to remain under the jurisdiction of the Thompson P&Z (i.e. a "municipal" tower).

Given that the Fire Department tower is an uncertificated facility for purposes of the Siting Council, Cingular respectfully requests an order pursuant to Section 16-50aa of the Connecticut General Statutes approving its shared use of the approved tower for the reasons more fully set forth below:

- A. **Technical Feasibility.** The approved tower will be structurally sound and capable of supporting the proposed shared use of the Cingular antennas at 130 feet AGL. The proposed shared use of this tower is therefore technically feasible.
- B. **Legal Feasibility.** Under C.G.S §16-50aa, the Council has been authorized to issue an order approving the proposed shared use of a tower facility such as the facility to be located at 720 Quinebaug Road (C.G.S §16-50aa(c) (1)). Under the authority vested in the Council by C.G.S §16-50aa, an order approving the shared use of the Fire

Department's tower would satisfy Cingular's Siting Council obligations and permit it to obtain a building permit for the proposed installation.

C. **Environmental Feasibility.** The proposed shared use of this tower facility would have a minimal environmental effect for the following reasons:

1. The proposed installation would have an insignificant incremental visual impact and would not cause any significant change or alteration in the physical or environmental characteristics of the property. The addition of the proposed antennas would not increase the height of the monopole tower. Cingular's equipment will be housed in an equipment shelter, and all construction will occur in the Fire Department's parking lot.

2. The proposed installation would not increase noise levels at the existing facility by six decibels or more.

3. Operation of the additional antennas will not increase the total radio frequency electromagnetic radiation power density, measured at the tower base, to or above the standard adopted by the State of Connecticut and the FCC. The "worst-case" exposure calculation in accordance with FCC OET Bulletin No. 65 (1997) for a point of interest at the base of the tower is as follows:

Company	Centerline Height (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density <sup>†</sup> (mW/cm <sup>2</sup> )	Standard Limits (mW/cm <sup>2</sup> )	Percent of Limit
Quinebaug FD *	133	155	1	100	0.0020	0.2000	1.02
Cingular	130	880-894	6	296	0.0378	0.5867	6.44
Cingular	130	1930-1935 1965-1970	3	427	0.0273	1.0000	2.73
Quinebaug FD *	90	465	1	100	0.0044	0.3100	1.43
Quinebaug FD *	70	33.9	1	100	0.0073	0.2000	3.67
<b>Total</b>							<b>15.28%</b>

\* Information provided by the Quinebaug Volunteer Fire Department.

† Please note that the standard power density equation provided by the Council in its memo of January 22, 2001 incorporates a ground reflection factor of 2.56 (i.e., the square of 1.6) as described in FCC OET Bulletin No. 65.

As the table demonstrates, the "worst-case" exposure would be approximately 15.3 % of the ANSI/IEEE standard, as calculated for mixed frequency sites. Cumulative power density levels resulting from Cingular's proposed use of the tower facility would thus be well within applicable ANSI/IEEE standards.

4. The proposed installation would not require any water or sanitary facilities, or generate air emissions or discharges to water bodies. After construction is completed

(approximately four weeks), the proposed installation would not generate any vehicular traffic other than periodic maintenance visits. The proposed use of the facility would therefore have a minimal environmental effect, and is environmentally feasible.

- D. **Economic Feasibility.** Cingular has entered into an agreement with the Fire Department to share use of the tower. The proposed facility sharing is therefore economically feasible.
- E. **Public Safety Concerns.** As stated above, the approved tower will be structurally capable of supporting Cingular's proposed antennas, and radio frequency emissions fall well below State and Federal safety standards. Cingular is not aware of any other public safety concerns relative to the proposed sharing of the tower. In fact, the provision of new or improved wireless coverage in the area is expected to enhance the safety and welfare of Thompson's residents.

### **Conclusion**

For the reasons discussed above, the proposed shared use of the approved Fire Department tower at 720 Quinebaug Road in the Town of Thompson satisfies the criteria stated in C.G.S. §16-50aa and advances the General Assembly's and the Council's goal of preventing the proliferation of communication towers in Connecticut. Cingular therefore respectfully requests that the Council issue an order approving the proposed shared use. Thank you for your attention to this matter.

Please feel free to call Steve Howard at (860) 513-7536 or Christopher Fisher, Esq. at (914) 761-1300 with questions concerning this tower sharing request. Thank you for your consideration in this matter.

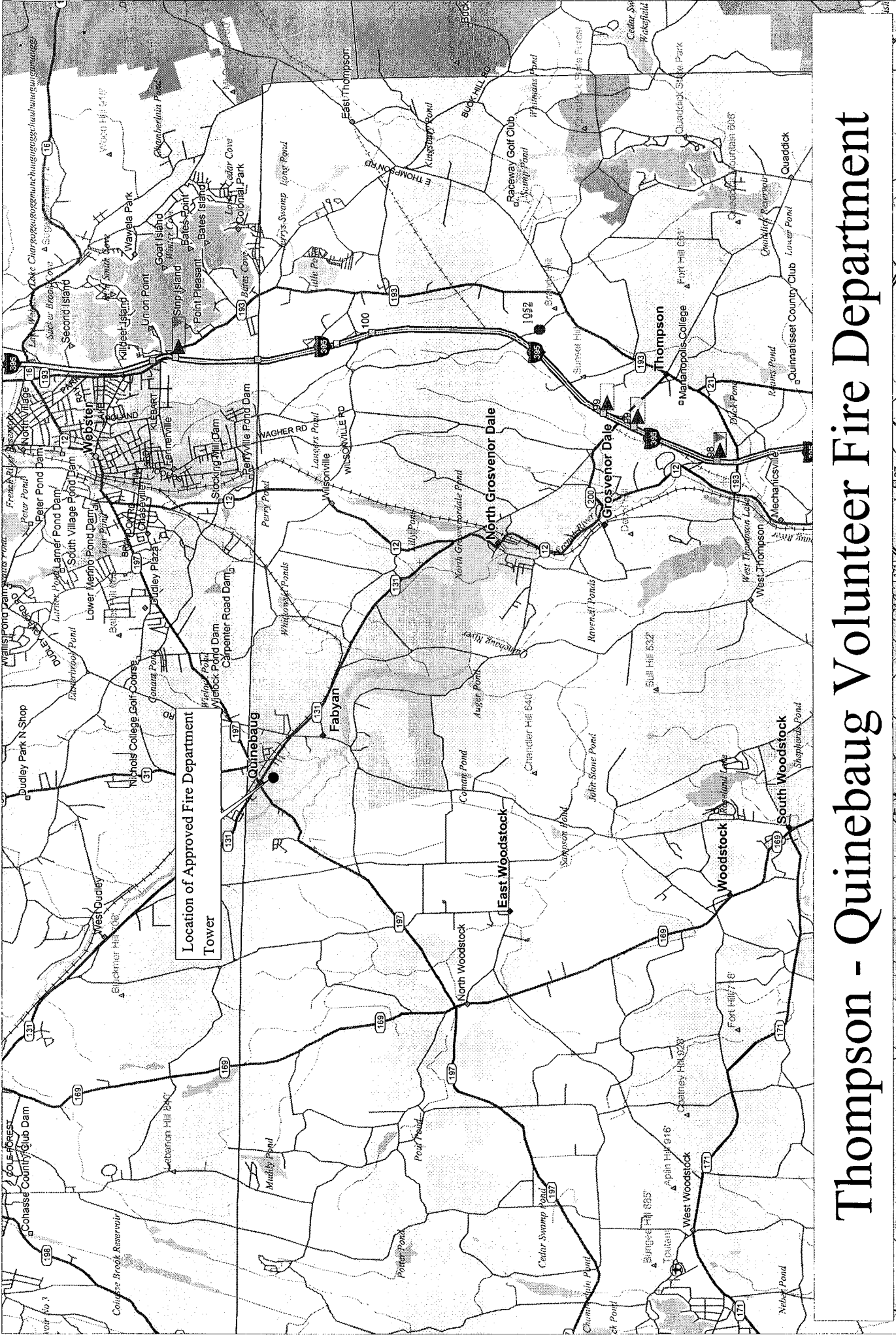
Sincerely,



Steven L. Levine  
Real Estate Consultant

cc: Honorable Douglas J. Williams, 1<sup>st</sup> Selectman, Town of Thompson  
Michele G. Briggs, Manager of Real Estate  
Christopher B. Fisher, Esq.

Enclosures



# Thompson - Quinebaug Volunteer Fire Department







Mag 13.00

Fri Jul 29 09:07 2005

Scale 1:87,500 (at center)

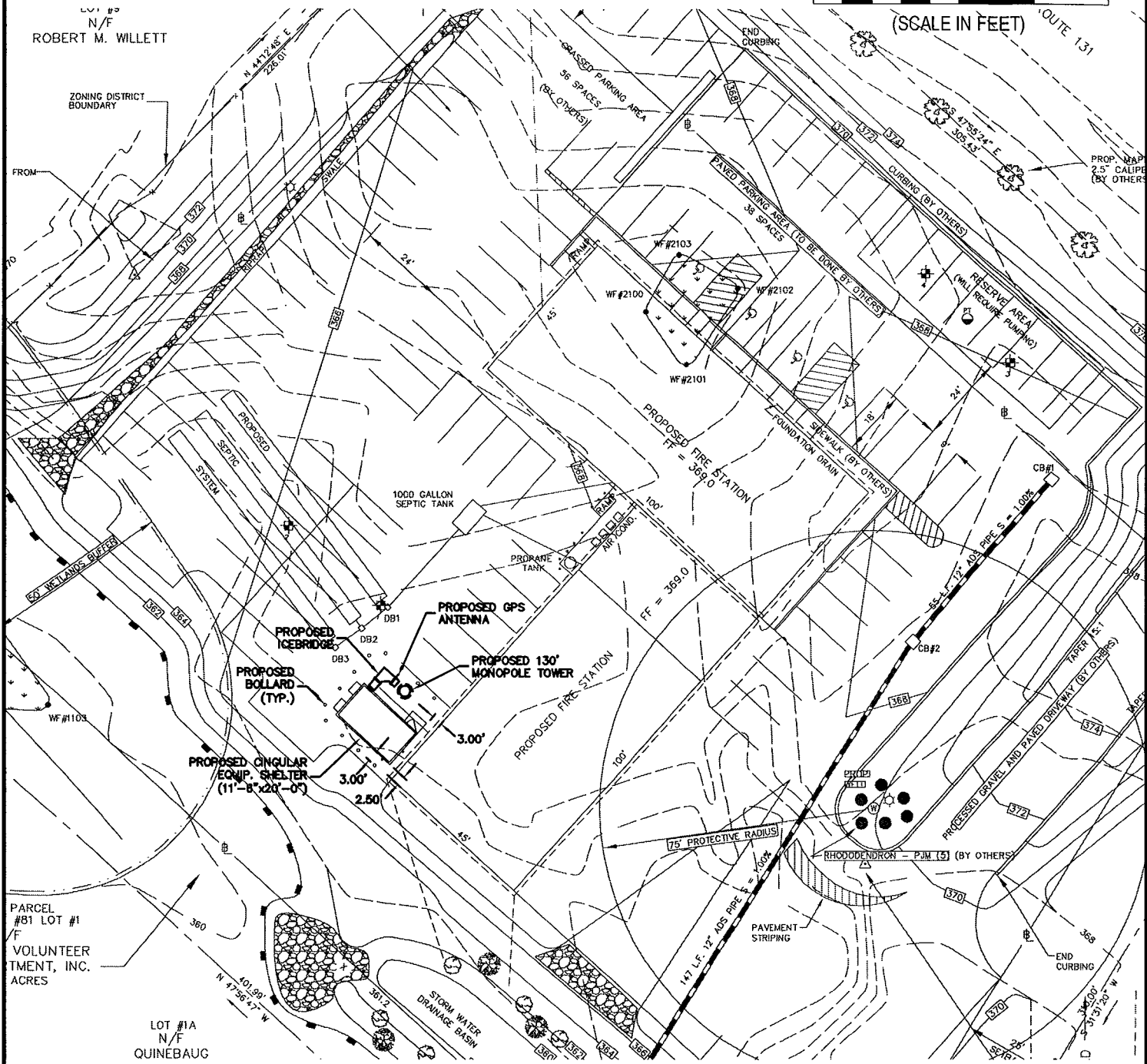
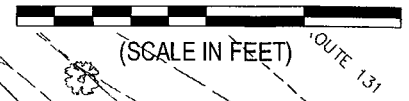
2 Miles

2 KM

-  Interstate/Limited Access
-  US Highway
-  State Route
-  Local Road
-  Major Connector
-  Trail

RAD. CENTER: 130 FT. (AGL) 40 0 40

U1 #3  
N/F  
ROBERT M. WILLETT

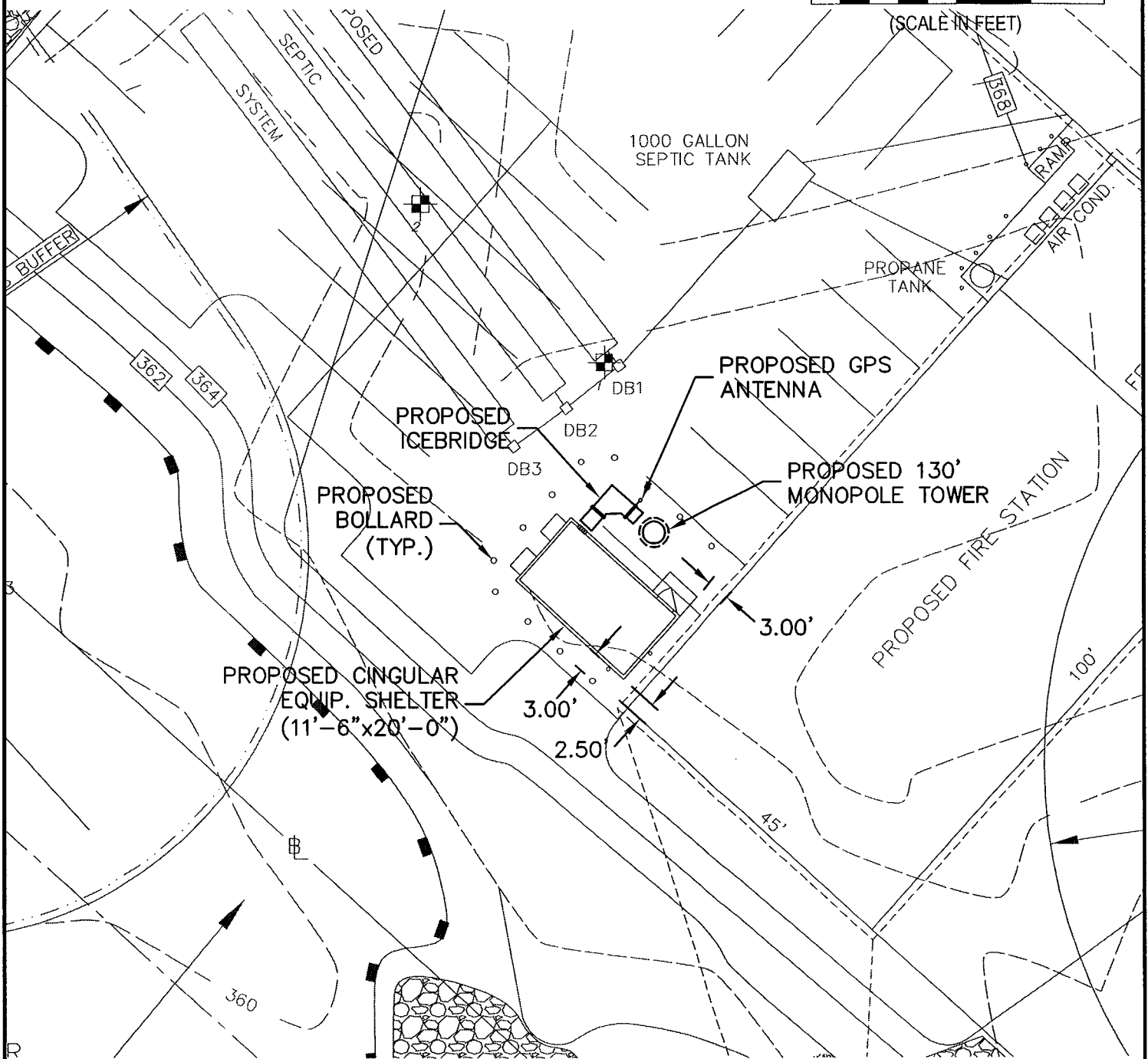


# EXHIBIT 1A OVERALL SITE VIEW

<p><b>DESIGN EXHIBIT</b></p> <p style="font-size: small;">PARCEL #81 LOT #1 VOLUNTEER TMENT, INC. ACRES</p> <p style="font-size: small;">LOT #1A N/F QUINEBAUG</p>	<p>NORTH</p>	<p>SITE NAME: QUINEBAUG FIRE STATION</p>		<p>MGI #: 17206</p>
	<p>ADDRESS: 720 QUINEBAUG ROAD QUINEBAUG, CT 06262</p>		<p>TASK #: 1292</p>	
<p>DRAWN: AMC   CHECKED: GMP   SCALE: 1"=40'</p>		<p>DATE: 5/23/05</p>		
<p><b>Maguire Group Inc.</b> Architects Engineers Planners One Court Street New Britain, Connecticut 06051</p>		<p>THIS DRAWING AND ALL DATA CONTAINED HEREIN IS FOR INFORMATIONAL PURPOSES ONLY. NOT INTENDED FOR DESIGN OR CONSTRUCTION USE. ALL DATA SHOULD BE VERIFIED</p>		

RAD. CENTER: 130 FT. (AGL)

20 0 20



### EXHIBIT 1B PARTIAL SITE VIEW

# DESIGN EXHIBIT

NORTH



SITE NAME: QUINEBAUG FIRE STATION

ADDRESS: 720 QUINEBAUG ROAD  
QUINEBAUG, CT 06262

MGI #: 17206

TASK #: 1292

DATE: 5/23/05

DRAWN: AMC | CHECKED: GMP | SCALE: 1"=20'

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**Maguire Group Inc.**  
Architects Engineers Planners  
One Court Street  
New Britain, Connecticut 06051



RAD. CENTER: 130 FT. (AGL)

20 0 20

PROPOSED FIRE DEPARTMENT HIGH BAND ANTENNA; ATTACHED TO TOP OF POLE



(SCALE IN FEET)

PROPOSED CINGULAR ANTENNAS  
RAD. CENTER 130' A.G.L.

FUTURE CARRIER ANTENNAS;  
(TYP. AT 120', 110' & 100')

PROPOSED FIRE DEPARTMENT UHF ANTENNA;  
RAD CENTER = 90' A.G.L

PROPOSED FIRE DEPARTMENT LOW BAND ANTENNA; RAD. CENTER = 70' A.G.L.

PROPOSED 130' MONOPOLE TOWER

PROPOSED CINGULAR EQUIP. SHELTER (11'-6"x20'-0")

FIRE STATION

PROPOSED ICEBRIDGE

GPS ANTENNA

125.00  
130.00

PROPOSED BOLLARD (TYP.)

EXHIBIT 1C  
SOUTHEAST ELEVATION

DESIGN  
EXHIBIT

NORTH

SITE NAME: QUINEBAUG FIRE STATION

ADDRESS: 720 QUINEBAUG ROAD  
QUINEBAUG, CT 06262

MGI #: 17206

TASK #: 1292

DATE: 6/15/05

DRAWN: AMC | CHECKED: GMP | SCALE: 1"=20'

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**cingular**  
WIRELESS



**Maguire Group Inc.**  
Architects Engineers Planners  
One Court Street  
New Britain, Connecticut 06051



TOWN of  
**THOMPSON**  
 PLANNING & ZONING COMMISSION

MUNICIPAL BUILDING  
 815 RIVERSIDE DRIVE  
 NORTH GROSVENORDALE, CT 06255  
 TELEPHONE: (860) 923-1852  
 FACSIMILE: (860) 923-9897

MINUTES

PLANNING & ZONING COMMISSION

MONDAY, DECEMBER 20, 2004 \* 7:00 PM

MERRILL SENEY COMMUNITY ROOM

Page 1 of 9

PRESENT: Charles Paquette, John Rice, Randolph Blackmer, Arthur Vogel,  
 D.R. Hoenig, Lauri Groh-Germain and Maurice Viens

ABSENT: Jean Grenier, James Naum, Robert Werge, Daniel Touchette, Steven  
 Antos and Diane Bradley

ALSO PRESENT: John Mahon; Zoning Enforcement Officer, Richard Desrochers,  
 Scott Young and Carol Rogers; CME Associates, Greg Kaplan, and William  
 Millette

PUBLIC HEARING #1

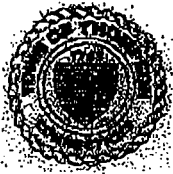
Application # 2004-07 for Special Permit - Quinebaug Fire Dept, 155 Old  
 Turnpike Road, Quinebaug, Map 3, Block 81, Lot 1, Zoned R-40, to  
 construct a new 9000 sq. ft. volunteer fire station, 300' SE of intersection  
 of Route # 131 & Route # 197 on Route # 131, including an on-site well,  
 septic system, parking lot, lights, landscaping and driveway.

Carol Rogers; CME Associates, was available to present the revised plans  
 to the Commission. The original plan that had been accepted in 1999  
 was for a two-story building. The revised plans are for a one-story  
 building, which will include bays for the trucks, a function room and a  
 shelter. The proposed parking is for 94 spaces. The driveway will slope  
 downwards from Route # 131. They are proposing storm drainage that  
 will discharge to a detention basin or a riprap swale along the wetland  
 area. There are three pole lights being proposed in the parking lots with  
 some lighting on the building itself. There will be an antenna for the fire  
 department use.

John Rice had questions about the height of the antenna and about  
 lights disturbing the residents of the near-by mobile home park. John  
 Mahon stated that if the tower is not going to be used for tele-  
 communication purposes, it could be exempt from height restrictions.

They do have the approval of the Inland-Wetland & Conservation  
 Commission.

The green cards were not present so Randolph Blackmer made a motion



TOWN of  
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MUNICIPAL BUILDING  
815 RIVERSIDE DRIVE  
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MINUTES  
PLANNING & ZONING COMMISSION  
MONDAY, DECEMBER 20, 2004 \* 7:00 PM  
MERRILL SENEY COMMUNITY ROOM

Page 2 of 9

to postpone the balance of the Public Hearing until Ms. Rogers had time to retrieve them, John Rice seconded the motion. All in favor, motion carries, the hearing is temporarily adjourned.

PUBLIC HEARING #2

Application # SUB 2004-09 Subdivision - Gregory S. Kaplan, North side of Norman Hill Road; approximately 45' east of the Woodstock/Thompson line, SNET #1690, Map 7, Block 105, Lot 2A, Zoned R-80 for a four (4) lot subdivision.

The green cards were checked and all were in order. The maps were reviewed with Scott Young, CME Associates. They do have conceptual approval of the Inland-Wetland & Conservation Commission.

The Commission had many questions about the proposed conservation easement, which would be only for the benefit of the property owners of the subdivision. Mr. Kaplan explained that the Conservation Commission wants to preserve the water quality of the pond by not having the grass clear-cut to the pond. The 50' buffer is included in the conservation easement. There were several abutters present with questions about wildlife and the preservation of the pond. There were questions about the open space for this project also. There was no submission of request from CME with regard to the open space.

Maurice Viens made a motion to continue the Public Hearing at the January 24<sup>th</sup>, 2005 meeting so that questions with regard to the conservation easement can be discussed with the town's attorney and the Wetland Agent, seconded by John Rice. Public Hearing adjourned at 7:45, to be resumed on January 24<sup>th</sup>, 2005 at 7:00 PM.

REGULAR MEETING:

Charles Paquette opened the regular meeting at 7:45 PM.

1). Minutes

Randolph Blackmer made a motion to accept the November 22<sup>nd</sup>, 2004 minutes, seconded by Lauri Groh-Germain. All in favor, motion carries.



TOWN of THOMPSON PLANNING & ZONING COMMISSION

MUNICIPAL BUILDING 815 RIVERSIDE DRIVE NORTH GROSVENORDALE, CT 06255 TELEPHONE: (860) 523-1852 FACSIMILE: (860) 923-9897

MINUTES PLANNING & ZONING COMMISSION MONDAY, DECEMBER 20, 2004 \* 7:00 PM MERRILL SENEY COMMUNITY ROOM

applicants. John Mahon explained that when the applicant signs the permit there is a statement giving that approval. John Rice also had questions about the fee-in-lieu of open space.

- Charles Paquette read a response from Atty. St. Onge concerning the CT Water Co.'s letter. He advises that the Commission defer action on the CT Water letter at this time.

- 2a). Bennett Subdivision - Randolph Blackmer made a motion to accept the road of the Bennett Subdivision, seconded by Maurice Viens. All in favor, the motion carries.

(continuation of Public Hearing #1 at 8:10 PM)

John Rice made a motion to continue the Public Hearing for the Quinebaug Fire Dept., seconded by Randolph Blackmer. All in favor, motion carries. The green cards were checked and all were in order.

John Rice wants to be sure that there is enough vegetation to shield the mobile park residents from any lighting disturbances if there is not enough left there after the land-clearing. Ms. Rogers does not feel that a request for more plantings would be an issue. Mr. Rice also has concerns about the antenna's fall zone.

- 3). Discuss Public Hearings Quinebaug Fire Dept.

Randolph Blackmer made a motion to approve the alterations to the plans, seconded by Arthur Vogel.

ROLL CALL VOTE:

Table with 4 columns: Name, Action, Name, Action. Rows: John Rice (Abstain), Maurice Viens (Yes), Randolph Blackmer (Yes), Lauri Groh-Germain (Yes), Arthur Vogel (Yes), D.R. Hoenig (Yes), Charles Paquette (Yes).

The alterations to the plans are accepted.

Kaplan Subdivision - Public Hearing is continued to January 24th, 2005.

PROJECT# 2004-158

SCALE: 1/8" = 1'-0"

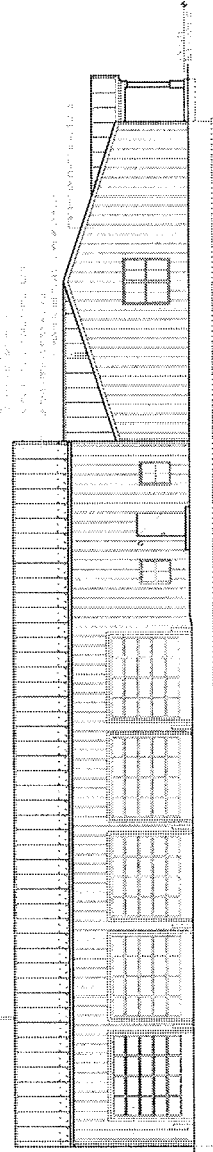
DATE: JAN. 21, 2005

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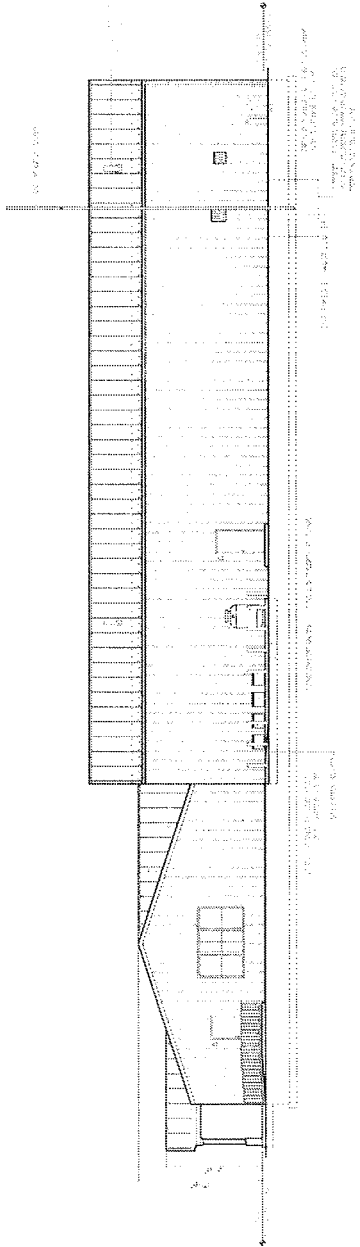
QUINEBAUG FIRE STATION  
 PREPARED FOR  
 QUINEBAUG VOLUNTEER  
 FIRE DEPARTMENT, INC.  
 QUINEBAUG, CT  
 COMM. REF. # 131

CMB Architecture, Inc.  
 12 Colville Lane, Woodstock, CT 06096  
 Phone 860-251-1277  
 www.cmbarchitecture.com

PHASE ONE INCLUDES THE CONSTRUCTION OF THE ENTIRE METAL BUILDING  
 WITH THE EXCEPTED ROOF AND WALLS. THE EXCEPTED ROOF AND WALLS  
 ARE TO BE PROVIDED FOR OCCUPANCY OF THE BUILDING. THE EXCEPTED  
 INTERIOR CONSTRUCTION IS TO BE PROVIDED BY PHASE TWO.



EAST ELEVATION



WEST ELEVATION

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CHAUNCEY L. WALKER (also CA)

Of Counsel  
ANDREW A. GLICKSON (also CT)  
ROBERT L. OSAR (also TX)  
MARYANN M. PALERMO  
ROBERT C. SCHNEIDER

July 28, 2005

Honorable Douglas J. Williams  
First Selectman, Town of Thompson  
Town Hall  
815 Riverside Drive  
North Grosvenordale, CT 06255

Re: New Cingular Wireless PCS, LLC  
New Quinebaug Fire Station, 720 Quinebaug Road  
Shared Use of New Fire Department Tower

Dear First Selectman Williams:

We are writing to you on behalf of our client, Cingular and in furtherance of its filing of a tower sharing application with the Connecticut Siting Council, a copy of which is enclosed.

As you are no doubt aware, the Quinebaug Volunteer Fire Department is constructing a new fire station at 720 Quinebaug Road. We understand that the Fire Department's project was comprehensively reviewed by the Town of Thompson Planning & Zoning Commission and approved in December of 2004. Further, that part of the approved project was a new 130' tall Fire Department communications tower.


Within the past few months, Cingular has been working with the Fire Department on construction plans for the tower and intends to share use of the tower when it is completed. In this regard, Cingular, a communications company whose shared use of towers is regulated by the State, has prepared the enclosed for filing with the Siting Council. The enclosed filing details Cingular's antenna and equipment installation on the Fire Department tower adjacent to the new fire station under construction.

CUDDY & FEDER LLP

New Cingular Wireless PCS, LLC  
July 28, 2005  
Page 2

Should you have any questions regarding the enclosed, please do not hesitate to contact me or the Fire Chief.

Very truly yours,



Christopher B. Fisher

Enclosures

cc: Derek Phelps, Executive Director, Siting Council  
Joe Donovan, Quinebaug Volunteer Fire Chief  
Michele Briggs, Cingular  
Stephen Howard, Cingular  
Stephen Levine, Cingular