STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

PETITION OF NEW CINGULAR WIRELESS PCS, LLC ("AT&T") TO THE CONNECTICUT SITING COUNCIL FOR A DECLARATORY RULING THAT NO CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED IS REQUIRED TO INSTALL A STEALTH ROOFTOP WIRELESS TELECOMMUNICATIONS TOWER ON THE EXISTING BUILDING LOCATED AT 79 PARK AVENUE, DANBURY, CONNECTICUT	PETITION NO. 1101 AUGUST 12, 2014

HEARING INFORMATION
NEW CINGULAR WIRELESS (AT&T)

New Cingular Wireless PCS, LLC ("AT&T") (the "Petitioner"), submits the following hearing information to the State of Connecticut Siting Council in the captioned proceeding:

Counsel Appearing at the Hearing

Counsel appearing at the hearing will be Christopher B. Fisher Esq., Cuddy & Feder, LLP.

List of Witnesses

1. Robert J. Foley, P.E., Dewberry, Senior Project Manager. Scope of testimony to include site civil engineering and visibility.

2. Anthony Wells, C Squared Systems, Managing Partner. Scope of testimony to include AT&T's radio frequency information.

3. Eric Dahl, Site Acquisition Specialist for AT&T. Scope of testimony to include AT&T site search.

Resumes/professional biographies included as Attachment 1

Documents to be Administratively Noticed

None at this time.

Exhibits to be Offered

The Applicants will offer as exhibits the following:

1. Petition of April 30, 2014.
2. AT&T Responses to Siting Council Interrogatories Set I dated May 19, 2014.
3. Applicants June 19, 2014 Supplemental Submission.
4. Applicants August 12, 2014 Supplemental Submission.

Affidavit of Sign Posting and Affidavit of Subsequent Sign Correction

A notice sign was posted at the subject property on August 1, 2014. An affidavit of this posting with photographs of the posted sign is included here as Attachment 2.

Public Presentation

For the Siting Council's records, included here as Attachment 3 is a hardcopy of the electronic presentation the Petitioner may provide at the August 19, 2014 6:30pm public hearing on this Petition. All information

included in the presentation is incorporated in the above noted exhibits to be offered.

Additional Exhibits

The Petitioner reserves the right to offer additional exhibits, testimony, witnesses and administratively noticed materials as may be necessary during the hearing process and on redirect.

ATTACHMENT 1

C² Systems
tony.wells@csquaredsystems.com

Resume of: **Anthony Wells**

EDUCATION:

Northeastern University
Master of Science in Electrical Engineering - Communications and Signal Processing Concentration- June 1997

University of Massachusetts, Lowell
Bachelor of Science in Electrical Engineering - December 1989

EXPERIENCE:

Managing Partner C Squared Systems **8/00 - Present**

- Provide RF and software design services to the wireless industry, including preparation of RF coverage analyses to determine radio frequency signal propagation parameters for siting wireless telecommunications facilities.
- Development of custom data collection and propagation software for in-building and macro networks,
- Provide tower resource planning to avoid interference in multi tenant environments using customized software
- Resolve interference and noise issues for both single and multi carrier in building networks
- Manage design of a digital 1900 MHz (PCS) network consisting of over 130 cell site locations in New Hampshire and Maine.
- Design and Implementation of in-building repeater systems for multiple carriers.
- Prepare documentation for and testify before Connecticut Siting Council in support of the location of new wireless communications facilities.
- Provide measurement and calculation reports to comply with conditions of approval for municipalities in Connecticut, relating to Federal Communications Commission guidelines for electromagnetic field exposure.
- Develop radio and microwave frequency electromagnetic field calculation software for use in Federal Communications Commission compliance analysis.
- Design and implement custom software applications and database solutions with mapping capability for wireless providers.
- Provide propagation analysis and optimization of propagation models for use in analysis of propagation characteristics for low antenna heights.

Radar Systems Engineer **Raytheon - 3/98-8/00**

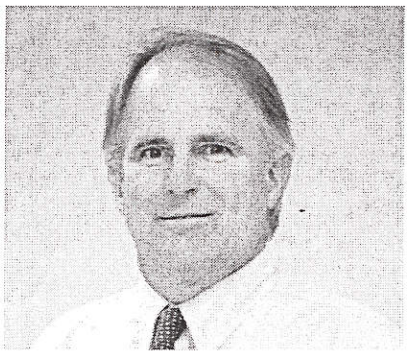
- Developed radar systems and simulation using software languages such as C++, Matlab and FORTRAN.
- Processed radar data for use in analysis of tracking algorithms. Implemented C++ wrapper for Matlab mex-files to reduce processing time by over 70%.
- Analyzed results of tracking algorithms. Evaluated statistical cost factors and analyzed radar resource loading in relation to statistical confidence levels for tracking algorithms.
- Calibrated and modified radar simulation software to accurately represent radar hardware performance.

Radio Frequency Manager **Sprint PCS - 10/95 - 3/98**

- Technical Manager responsible for implementation of code division multiple access technology for the New Hampshire and Maine systems.
- Designed and managed a digital 1900 MHz (PCS) network consisting of 70 cell site locations in New Hampshire and Maine.
- Oversaw testing and verification of the network to insure that propagation modeling was accurate and design performed as anticipated.
- Resolve interference issues on collocated sites
- Evaluated network performance for vendor compliance with contractual obligations.
- Insured compliance with Federal Communications Commission guidelines for electromagnetic field exposure for the digital network.
- Evaluated and tested accuracy of vendor propagation models and their applicability for use in system design.

Radio Frequency Manager **NYNEX Mobile/Verizon Wireless - 5/90 - 10/95**

- Responsible for the design and performance of an analog 800 MHz communication system consisting of over 200 cell sites in New England.
- Responsible for testing and verification of over 100 cell sites to insure accuracy of propagation models and cell site placement.
- Resolve interference issues on collocated sites
- Monitored and improved system performance for the Boston and Rhode Island systems using signal measurement equipment and propagation analysis.
- Evaluated and planned deployment of 800 MHz digital cellular system.
- Evaluated feasibility and integrated high and low power repeaters into the network where applicable.
- Designed microprocessor based automated remote call processing test equipment.
- Implemented repeaters as part of in-building network.
- Managed and optimized frequency plan as part of network optimization.



Robert J. Foley PE

Senior Project Manager

EXPERIENCE HIGHLIGHTS:
Seasoned manager with experience spanning commercial land development, transportation infrastructure, and public works.

EDUCATION:
BS, Civil Engineering, New Jersey Institute of Technology, 1987

REGISTRATIONS:
PE: NJ, NY, NC, OH, CT, CO

NCEES Model Law Engineer Record No. 41209

YEARS OF EXPERIENCE:
Dewberry: <1

Prior: 25

AFFILIATIONS:
American Society of Civil Engineers

7X24 Exchange

GENERAL SITE/CIVIL: Robert Foley is responsible for management, design, regulatory approvals, and construction phase oversight of site/civil engineering projects. His work includes site development and transportation infrastructure as well as public and private utilities. This work includes site layout, public and private utilities, earthwork and grading, regulatory land use and environmental reviews, design coordination of other engineering and architectural disciplines, preparation of project specifications, cost estimates, bid solicitations, price analyses, contract award, and construction support. Many of Foley's projects have incorporated urban design, open space, community involvement, and constructability methods in addition to value engineering review.

DATA CENTERS: Robert Foley is responsible for management, design, regulatory approvals, and construction phase oversight of site/civil engineering projects. His specialties include computer data center facilities having completed such projects for worldwide investment banks, financial institutions, telecommunication carriers, entertainment and broadcast concerns as well as major health care providers. This work includes site layout, public and private utilities, earthwork and grading, regulatory land use and environmental reviews, design coordination of other engineering and architectural disciplines, preparation of project specifications, cost estimates, bid solicitations, price analyses, contract award, and construction support.

TRANSPORTATION: Robert Foley is responsible for management, design, regulatory approvals, and construction phase oversight of site/civil engineering projects. He has extensive transportation agency design experience with NYSDOT and the PANY&NJ for all types of roadways along with aviation and port facility infrastructure. Work scopes have included maintenance and protection of traffic schemes for highway and bridge reconstruction projects, construction sequencing, drainage design, and alignment geometry. Many of these efforts have incorporated urban design, open space, community involvement, and constructability methods in addition to value engineering review. Complimentary to that highway design background, Foley has significant engineering experience on landside and airside airport projects, as well as some rail background. He is knowledgeable with the utility infrastructure systems found subsurface, having performed design and coordination for both public and private utilities affected by reconstruction and redevelopment.

RELEVANT EXPERIENCE

Project Oasis, Niagara County, NY, Civil Design Lead for the design of a 1,000,000sf containerized data center complex near Buffalo, NY. The project design was developed under an expedited delivery with full team coordination among all disciplines and the construction management firm from concept

through to construction document preparation.

Cleveland Clinic Data Center, Cuyahoga County, OH, Civil Design Lead. Led civil engineering services for this Greenfield data center development. Responsibilities include site due diligence, permitting and entitlement process, design and construction administration for this phased 175,000sf Tier III facility. The subject property was evaluated against suitability criteria established by the owner for utility availability and environmental factors. Foley's team performed extensive conceptual design in coordination with the balance of the project team, arriving at a flexible phased data center development program which was progressed through an expedited city review process. The overall effort covered zoning analyses, environmental constraints, expected permitting to be required, development schedules, security buffers, and other elements critical to establishing a secure, critical use facility.

Project Roosevelt, Cleveland County, NC, Civil Design Lead. Complete project due diligence and civil engineering services were performed for this confidential client. Extensive review of site alternatives were performed along with master planning the initial development phase combined with future data center expansion to 180,000sf +/- and other potential occupancies for the client's operations. Significant technical assistance was provided in the establishment of various utility and access easements across the property ultimately selected. Approvals were obtained from local city, county and state review jurisdictions in an expedited manner.

Project Hudson, City of Clifton, Passaic County, NJ, Civil Design Lead. Led civil engineering services ranging from site investigation tasks through development permitting and construction services for this major mission critical facility for an international investment bank. Multiple potential locations were evaluated against the client's selection criteria for available water, sanitary, electric power and communications availability. At the sites ultimately selected, development approvals were obtained from the municipality on an expedited schedule to fit within the overall project delivery timeframe. The overall effort covered zoning analyses, environmental constraints, expected permitting to be required, development schedules, security buffers, survey and geotechnical investigation, and other elements critical to establishing a secure, critical use facility at the locations under consideration.

Major Investment Bank, Northern NJ and PA, Civil Design Lead. Led extensive due diligence investigations and conceptual building test fits at potential data center sites in Bridgewater, NJ; Plainsboro, NJ; Bristol, PA; and two locations in Mahwah, NJ. These efforts primarily covered zoning analyses, environmental constraints, expected permitting to be required, development schedules, security buffers, and other elements critical to establishing a data center facility at the locations under consideration. Ultimately, the recommended site was chosen with the project recently completed.

Robert J. Foley PE

Senior Project Manager

Project Everglades, Buffalo, NY vicinity, Civil Design Lead. Led the effort in the siting studies for development of a 300,000sf data center in the Buffalo, New York vicinity. Possible parcels ranging in size from 21 acres to 45 acres were reviewed. Due diligence investigations were performed, reviewing available public water and sanitary sewer supply, offering consideration on environmental concerns in the immediate vicinity, desired site security buffers, development of a project delivery schedule, and incorporation of required elements into the concept.

Project Acadia, Parsippany, Morris County, NJ, Civil Design Lead. Led redevelopment efforts for this 22-acre property for a major worldwide financial services organization. The existing 176,000sf space was designed to be expanded to 220,000 SF for utilization as a data center, in addition to operations for credit card statement processing and disaster recovery. Since the occupancy was not headcount-intensive, a major feature of the plan was a reduction in car parking at the site from an existing 1,156 spaces to 115 in the proposed condition. Returning a significant portion of the property to open space was an assist in obtaining project approvals. Subsequent to the original design, a substantial value engineering effort undertaken requiring an amended approval. This redesign was successful in obtaining the needed reviews in the required timeframe as set by the project owner and their Program Manager. Assistance was provided to the firm in selecting this location, performing the concept design and due diligence investigations. Site Plan approvals were secured from the Township in a limited number of Planning Board meetings for both approvals. Additional site/civil related scope included performing geotechnical investigations and construction administration services.

Fiber Optic Backbone/POP Spurs and Service Loops, Metromedia Fiber Network, Northeast, Project Task Leader. Principally responsible for the routing of dark fiber spurs from a backbone typically located along railroad rights of way to point of presence (POP) service points in major city downtown areas. This involved local government coordination, initiation of Agreements for franchising and ROW, and co-location with other communications providers. This process was performed throughout the northeast in support of a 250-mile system expansion.

Fed Ex Ground Distribution Facility Site Evaluations and Design, Town of Dover, NJ, Senior Project Manager then Principal-in-Charge. Led site selection evaluations for site/civil elements for a prototype 180,000sf package distribution center covering development and zoning suitability, effects of environmental regulation and mapped features, traffic impact, and community acceptance of the proposed facility. Locations in several communities (Rockaway Township and Borough of Florham Park) were first evaluated, with the ultimate selection progressed through Town of Dover, Morris County, NJ Planning Board Site Plan Approval. The design effort included detailed grading, earthwork balancing, roadway profile design, parallel stormwater management system design for capture and bypass areas, landfill closure and wetlands impact permits.

Responsibility for the project continued through construction, working on behalf of the owner in obtaining the building C.O. and resolution of site improvements as part of the town's municipal acceptance process.

Dover Landfill Redevelopment, Town of Dover, NJ, Senior Project Manager then Principal-in-Charge. From engagement on the Fed Ex Ground project, the site search ultimately led to this approximately 40-acre property located in the Town of Dover, Morris County, NJ. The parcel was owned by the town and was the site of their former municipal landfill. Garbage placement had ceased in the early 1970s, and the town had essentially abandoned the dump in-place without any capping or formal closure. As the Fed Ex development would effectively trigger redevelopment of the entire tract, the role as lead Civil Engineer was assumed on not only the Fed Ex lot but the balance of the site as well. The overall tract ultimately ended up comprised of the Fed Ex Ground package sorting facility, a 110-room Hilton Homewood Suites hotel, and an approved but not constructed 60,000sf office building. Common areas contain a wetland-bottom stormwater management pond, and a 1200-lf access road, Commerce Center Drive, which was dedicated to the Town of Dover upon acceptance. From initial involvement as Senior Project Manager to Principal-in-Charge, performed design and oversight of all layout, grading, stormwater management, permitting and wetlands regulatory approval functions in addition to extensive coordination with the landfill closure consultant.

Canfield Building Associates, Mine Hill, NJ, Principal Project Manager. Performed much of the Project Engineering for preparation of an As-of-Right development plan for a 200-acre multi-family zoned parcel in Mine Hill, Morris County, NJ. Increasing environmental regulation had eliminated much of the parcel from potential development. The design was successful in presenting a full yield of 735 units, and involved roadway profile design, conceptual grading to 10' contour intervals, steep slopes analyses, conceptual stormwater management and layout of buildings with finish floor and driveway locations. This plan was then presented to the municipality, with the intent, ultimately successful, to restart negotiations to purchase a majority of the property as passive open space. The remaining 45 acres was rezoned favorably to the owner. In an effort to secure potable water and sewer service rights for that remaining portion, provided technical expertise and design in obtaining a Conditional Recommendation of Approval from the New Jersey Highlands Council, a regional land use and environmental oversight board, for 275 multi-family age-restricted units. Subsequent re-design reduced unit yield by 20%--by value engineering the sitework minimizing earthwork and reprofiling roadways, the project pro-forma remained viable from an economic standpoint.

Landscape and Horticulture Technology Building, County College of Morris, Township of Randolph, NJ, Project Manager. Responsible for lead site engineering for final site plan design. The project included a new 7,000-SF Landscape and Horticulture Technology Building, which required NJDEP permitting, new septic design and included sustainable design initiatives. The

project was designed for LEED certification. Project site is located in the Highlands Region and is impacted by Category One Stream Buffers. Involved construction administration, including shop drawing review, RFIs, limited inspections, and project closeout.

Villages at Roxbury, Ledgewood, NJ, Senior Project Manager then Principal-in-Charge. Responsible for oversight for this 161-lot single family residential subdivision in the Township of Roxbury, Morris County, NJ. Provided design direction for complying with over 100 separate Conditions of Approval established during a prior preliminary approval for the project. In the course of incorporating these revisions, the project owner and the municipality successfully negotiated a transaction selling a portion of the development property, reducing the lot count by 32 houses to the current 161. Conducted extensive steep slopes analyses and sight triangle evaluations as well as stormwater management evaluations, grading and layout revisions, roadway profiling, and working within previously obtained environmental permits obtained from the New Jersey Department of Environmental Protection.

Stewart Airport Air Traffic Control Tower, Newburgh, Orange County, NY, Senior Civil Engineer for the design/build project for this new 100-foot-tall Air Traffic Control Tower for the Federal Aviation Administration at Stewart Airport. There were significant challenges in accommodating the FAA's required building square footage, security, parking, and operations requirements on an extremely constricted site. The design had to coordinate with the private firm managing Stewart Airport operations, the general contractor holding Prime Agreement, as well as the FAA. Courtesy reviews, in addition to required sewer and water connection permitting were routed through Town of Newburgh and Orange County.

Massachusetts Military Reservation Otis Air National Guard Base Crash/Fire/Rescue Facility, Milford, Worcester County, MA, Senior Civil Engineer for the design that was performed for this 100-foot x 500-foot staggered footprint fire station, located on an abandoned aircraft ramp and hangar site. The building layout, combined with operational requirements for apparatus bay access from both airside and landside facades of the structure, FAA obstruction clearances and Department of Defense security buffer distances made the facility layout a challenge.

Alert Complex, New Jersey Air National Guard (NJANG), Atlantic City International Airport, NJ. Project Manager for the design of aircraft shelters and crew quarters for this F-16 fighter squadron performing Homeland Security functions. Work staging was a critical element, as the existing facility adjacent to the new complex location is required to remain 100% operational until the new structures are commissioned. The site design reflected existing taxiway grades, FAA obstruction criteria, drainage and domestic utility tie-ins, as well as specific Department of Defense operations parameters.

Robert J. Foley PE

Senior Project Manager

Continental Airlines North Cargo Area Redevelopment, Newark Liberty International Airport, Newark, NJ, Lead Civil Designer for the close-out of the design and construction of a new wide-body hangar, engine build shop and parts storage facilities. In continuing efforts to fully utilize all available leasehold space, additional studies were performed looking at further development of hangars and placement of other airline operations in the area.

Panalpina Distribution Facility, Houston, TX, Project Manager for the complete site/civil design, permitting and construction support of a 400,000sf freight forwarding warehouse and office facility located on a 34-acre site. The scope involved coordination of a multi-office, multi-diciplined design effort, including two subconsultants. A complete construction document package was produced in only 12 weeks from Notice to Proceed. Constant interface was a necessity with the owner and general contractor in order to hold the design within the original project pricing parameters, as well as coordinate local development and building permit filings.

Route 3, Modern Continental Construction, MA. Project Manager. Assisted with design management of a nine-km segment of limited access roadway widening and reconstruction, performed under design-build delivery for the Massachusetts Highway Department. Specific items of responsibility included horizontal and vertical geometry, design standard interpretation and justifications, coordination with drainage and utilities, resolution of project issues with the client and owner, and overall technical review of the project design documents.

EZ-Pass Plus Installation – Airport Parking Facilities, Ascom/PANY&NJ, New York, NY. Project Manager. Performed project coordination between design staff and construction management personnel overseeing the installation of this technology to parking facilities at the three New York/New Jersey metro area airports on behalf of the Port Authority of New York & New Jersey. This involved civil, structural, and electrical engineering disciplines, as well as interfacing with the owner, equipment vendor and their contractor.

Reconstruction of the Grand Concourse, East 161st Street, and Lou Gehrig Plaza, New York City Department of Transportation, Bronx, NY, Project Manager. This work involved the coordination of structural, landscape architecture, and civil disciplines for the design to reconstruct this landmarked urban boulevard, with improved geometry and street furniture amenities, as well as a new Lou Gehrig Plaza at the façade of the Bronx County Courthouse.

East River State Park, New York State Office of Parks, Recreation, and Historic Preservation and New York University, Brooklyn, NY, Project Manager. This jointly sponsored project encompassed the adaptive re-use of the former Eastern District Rail Terminal site in Williamsburg, Brooklyn as an active and passive recreational facility to be shared by New York University and the local community. Soccer and softball playing fields were incorporated, in addition to a

waterfront promenade and other park features. Extensive coordination and public meetings have involved the neighborhood community for the benefit of incorporating their suggested design elements into the facility.

1997- 2001 Call-In Engineering Agreements, Port Authority of NY/NJ, Project Manager. Design tasks included varied land and airside assignments at Authority airports, as well as general sitework at other facilities, involving detailed utility design, drainage analysis, pavement and curbing rehabilitation, grading, and roadway alignments. Specification preparation and construction estimates were also prepared for each project. A number of assignments included construction support services assisting Resident Engineering staff. Responsibilities for the work included client management, staff supervision, proposal preparation, budgeting, cost tracking and billings. In 2000 and 2001, the Agreement averaged more than $1,000,000 in billings each year.

FDNY Randalls Island Training Academy Expansion, City of New York, Randalls Island, NY, Project Manager. The design involved utility infrastructure rehabilitation and upgrades to support expansion of the Fire Department of the City of New York's training facility located on Randalls Island. Water supply, sanitary and storm sewers, communications, site electric supply and lighting were among the services investigated and designed. Surface hardscape features were also designed in coordination with the project architect.

Brooklyn Battery Tunnel Cellular and AM/FM Radio Installation, Bell Atlantic Mobile, Brooklyn, NY, Project Manager. The project involved the civil design of the installation of a cellular, AM/FM and public safety communications system in the Brooklyn Battery Tunnel. The work involved coordinating design information from other team consultants, research and survey throughout this MTA Bridges & Tunnels facility, and incorporating structural and electrical elements into the design drawings. Management tasks included full project control for client contact, work production and project costs.

Cellular Radio Installations, Bell Atlantic Mobile, New York City and Long Island, Project Manager. This work encompassed site design for six cellular telephone base station sites. These sites were located in both urban and rural locations and included zoning analysis, site plan preparation, building code reviews, permit filings, and design coordination for electrical, HVAC, structural and civil disciplines. Full project control was part of the responsibility.

Fort Totten Redevelopment Master Plans, City of New York, Queens, NY, Project Engineer. Work items included investigation and review of all existing roadway and utility infrastructure on the site, for the redevelopment of this former US Army facility as a Fire Department training facility, park area, and historical site. Recommendations for the staged rehabilitation of the roadway, drainage, sanitary, and power distribution systems were developed as part of the conceptual design for the site.

Route 9A, New York State Department of Transportation, New York City,

Robert J. Foley PE
Senior Project Manager

Project Engineer. Responsibilities included development of maintenance and protection of traffic and construction sequencing for a one-mile reconstruction of a surface arterial into an urban boulevard with a waterfront promenade. Specific design challenges included detailed sequencing of subsurface demolition and utility construction, maintaining three lanes of traffic in each direction during construction, and maintaining delivery, pedestrian, and bicycle access to business, recreation and municipal facilities located within the project area. This effort involved 175 plan sheets out of a 775 sheet drawing set.

Route 347, New York State Department of Transportation, Suffolk County, NY, Project Engineer. Design team member with responsibilities of preliminary drainage, construction staging and conceptual maintenance and protection of traffic schemes for this project, involving preliminary design for the reconstruction of 15 miles of roadway.

Route 22, New York State Department of Transportation, Putnam County, NY, Project Engineer. This work effort involved the preliminary design of a 2.9-mile major roadway improvement of an existing two lane highway to a four to six lane arterial through a commercial and residential corridor. Involved were evaluation of alignment designs, environmental analysis, traffic studies, and preparation of a design report.

Sunrise Highway, New York State Department of Transportation, Suffolk County, NY, Project Engineer. Responsibilities on this fast track project included the development of maintenance and protection of traffic, construction sequencing, soil erosion and sediment control, and drainage plans for a 3 mile long highway reconstruction project. More than 100 contract drawings were prepared in a 10 month schedule. Specific challenges were detailed sequencing of drainage system construction, and maintaining three travel lanes in each direction during construction.

Montclair Connection Preliminary Design, NJ TRANSIT, Montclair, NJ, Project Engineer. Assisted with completion of preliminary design plans for this rail connection between NJ TRANSIT's Boonton and Morristown Lines. Particular emphasis was on a conceptual site plan for a new station facility at Bay Street in Montclair.

Civil Work - 911 System Implementation, County of Warren, Warren County, NJ, Project Engineer. This work involved coordination of field survey, site and access roadway design, grading, utility coordination, and attending informational meetings for the local municipalities affected by the system implementation of behalf of the client.

Cellular Radio System Design, Bell Atlantic Nynex Mobile, New England, New York and New Jersey, Project Engineer. Tasks included progressively increasing responsibilities for the site planning, design and construction supervision of over 150 cellular telephone radio sites in New England and the New York City metropolitan area. The majority of the sites were in existing

buildings requiring specific renovations for this specialized use. Assistance was provided to the client's in-house real estate personnel for review and suitability of sites selected. The work involved site plan preparation for local planning/zoning board review, coordination of other engineering disciplines, specification preparation, and building permit filing. Typical construction plans prepared included sitework, access road design, building and tower details, and electrical and mechanical installations. Construction supervision work involved shop drawing approval, site supervision and as-built drawing preparation.

Lexington Avenue & 53rd Street Station Value Engineering Review, New York City Transit, Civil Engineer. Responsible for peer review and comment on the proposed design and construction staging for a new station mezzanine and escalator/elevator vertical circulation elements to improve passenger ingress/egress capacity at this E Train IND station 80 feet below street surface. Specific project elements involved maintaining pedestrian and vehicular movements along 53rd Street, access to businesses and properties between Lexington and 3rd Avenue, and utility protection and relocation where required.

Corporate Park, Staten Island Teleport, Managing Civil Engineer. Responsible for the design and Tenant Alteration Application process for site/civil improvements constructed as part of a re-occupancy of the former Teleport I and II office buildings. The work was comprised of parking and circulation improvements, along with installation of stormwater management features in conformance to current NYCDEP and NYSDEC regulations. The project construction documents were in complete conformance to PANYNJ materials specifications, details and criteria.

Eric Dahl

55 Lynn Road
Ivoryton, Connecticut, 06442
860-227-1975
edahl@comcast.net

WORK EXPERIENCE

ERD CONSULTING LLC, Ivoryton, CT
Principal, Aug 2006 – present

- Provide wireless real estate services including site acquisition, zoning and project management for wireless carriers and site development firms in New England
- Site development project experience: AT&T - CT; Sprint - RI & CT; Nextel - RI & MA; Pocket Communications - CT; MetroPCS - CT, RI & MA; T-Mobile - CT & RI; Northeast Communications - RI; Sirius XM - SE; Clearwire - CT, RI & MA.

OPTASITE, Glastonbury, CT
Real Estate Consultant, Aug 2000 – Jul 2006

- Provided site selection, lease negotiation, zoning coordination, zoning application and presentations, and project management for various wireless site development projects.

JM CONSULTING GROUP, Santa Barbara, CA
Real Estate Consultant, Aug 1996 – Jul 2000

EDUCATION

University of California Los Angeles, Westwood CA
B.S. Political Science

ADDITIONAL SKILLS

ATTACHMENT 2

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE:
PETITION BY NEW CINGULAR WIRELESS PCS, LLC (AT&T) FOR A DECLARATORY RULING THAT A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED IS NOT REQUIRED FOR THE INSTALLATION OF A STEALTH TOWER ON THE ROOFTOP OF THE EXISTING BUILDING LOCATED AT 79 PARK AVENUE, DANBURY, CONNECTICUT

PETITION NO. 1101

August 8, 2014

AFFIDAVIT OF ERIC DAHL

Eric Dahl of Ivoryton, CT, being duly sworn, deposes and states that:

1. I am over the eighteen years of age and understand the obligation of making a statement under oath.
2. On August 1, 2014, I supervised and witnessed the posting of a notice sign at 79 Park Avenue, Danbury, Connecticut, noticing the details of the Connecticut Siting Council public hearing on Petition No. 1101 scheduled for August 19, 2014.
3. The attached photographs were taken of the posted notice signs evidencing the installation of same at each location.

Signed: _____

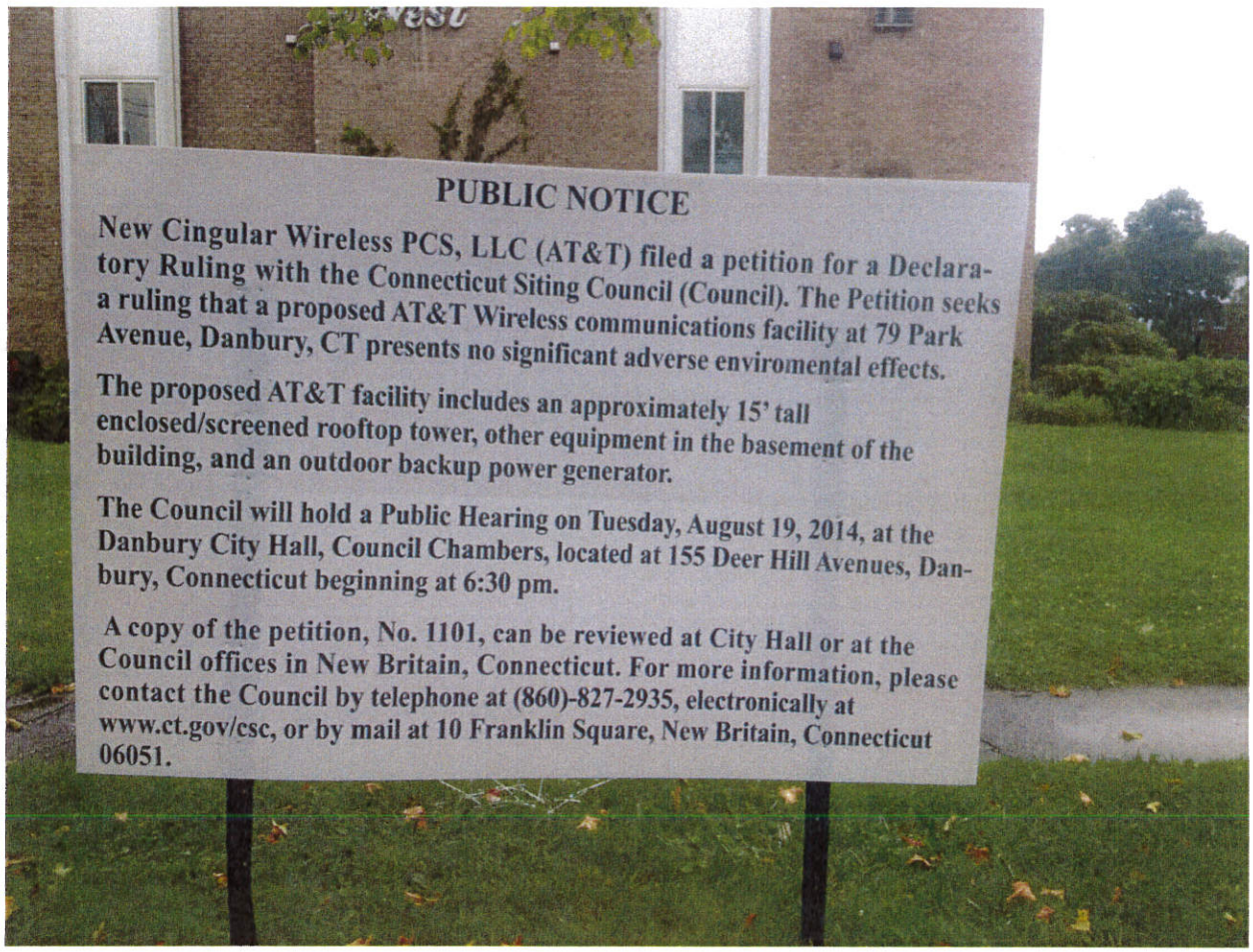
Print: ERIC DAHL

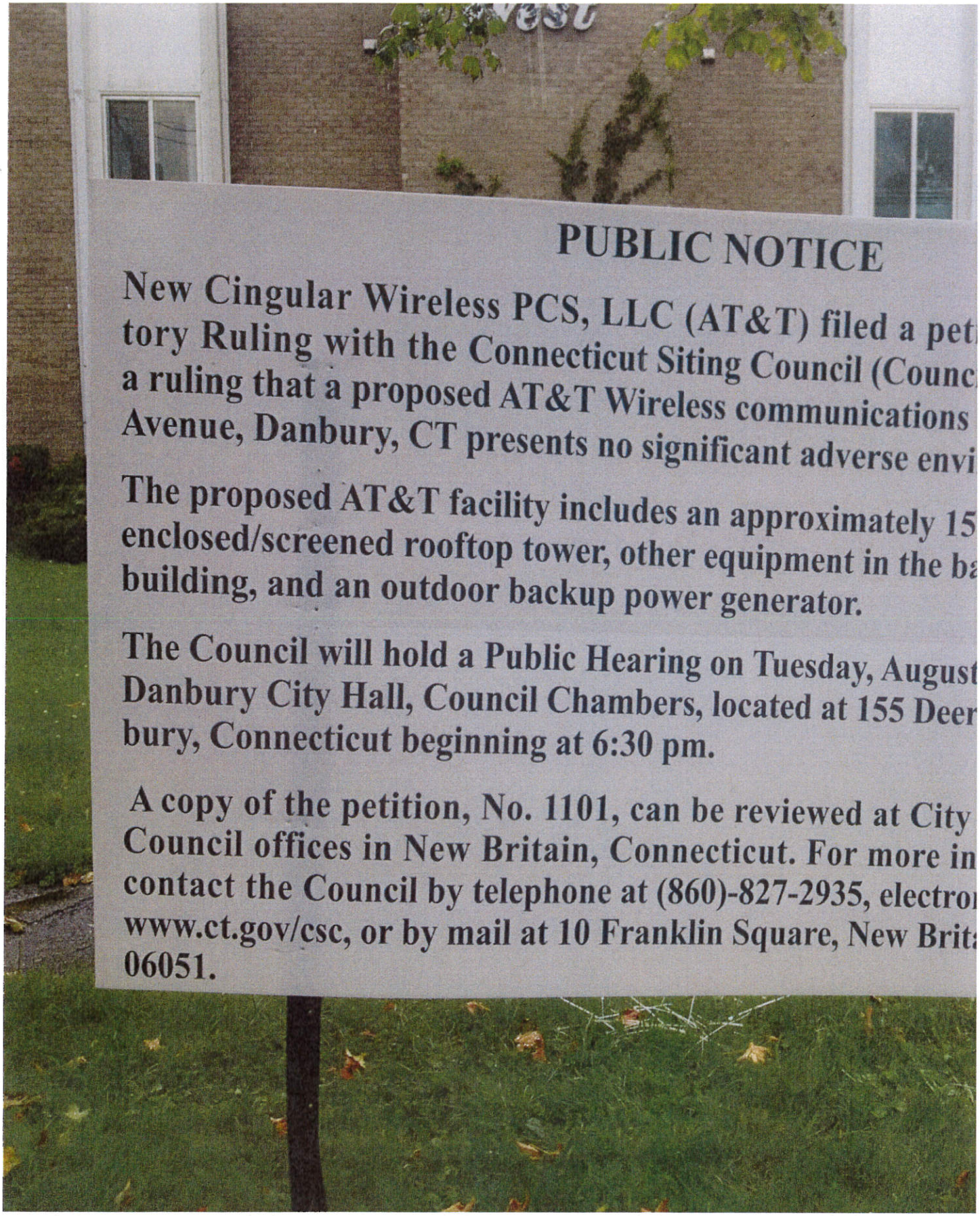
Subscribed and sworn to before me
this 8th day of August, 2014

_____
Notary Public
My commission expires: 01-31-18

YVONNE M. ROZIAK
NOTARY PUBLIC
MY COMMISSION EXPIRES JAN. 31, 2018

C&P: 2485093.1


PUBLIC NOTICE
New Cingular Wireless PCS, LLC (AT&T) filed a petition for a Declaratory Ruling with the Connecticut Siting Council (Council). The Petition seeks a ruling that a proposed AT&T Wireless communications facility at 79 Park Avenue, Danbury, CT presents no significant adverse enviromental effects.
The proposed AT&T facility includes an approximately 15' tall enclosed/screened rooftop tower, other equipment in the basement of the building, and an outdoor backup power generator.
The Council will hold a Public Hearing on Tuesday, August 19, 2014, at the Danbury City Hall, Council Chambers, located at 155 Deer Hill Avenues, Danbury, Connecticut beginning at 6:30 pm.
A copy of the petition, No. 1101, can be reviewed at City Hall or at the Council offices in New Britain, Connecticut. For more information, please contact the Council by telephone at (860)-827-2935, electronically at www.ct.gov/csc, or by mail at 10 Franklin Square, New Britain, Connecticut 06051.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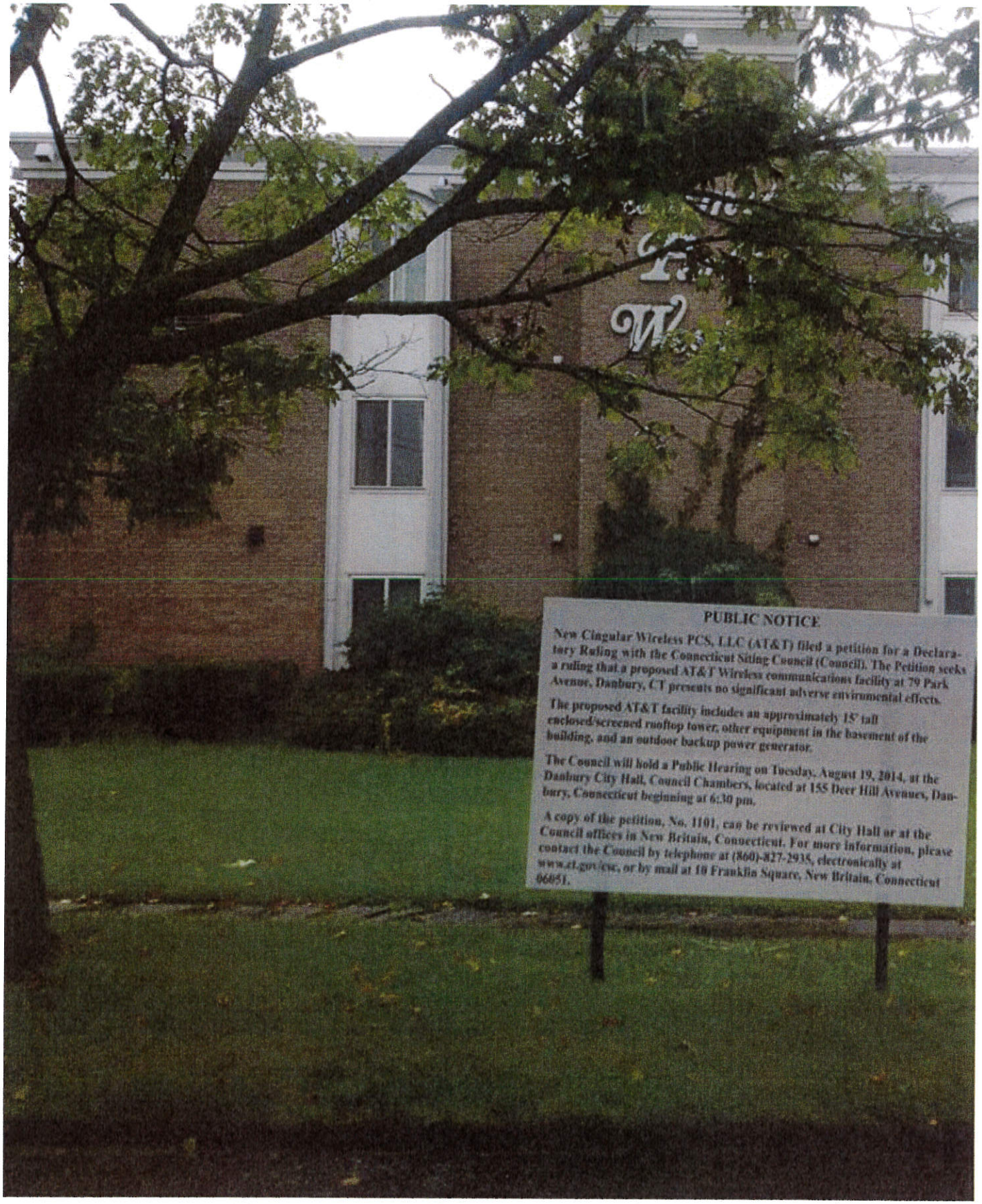
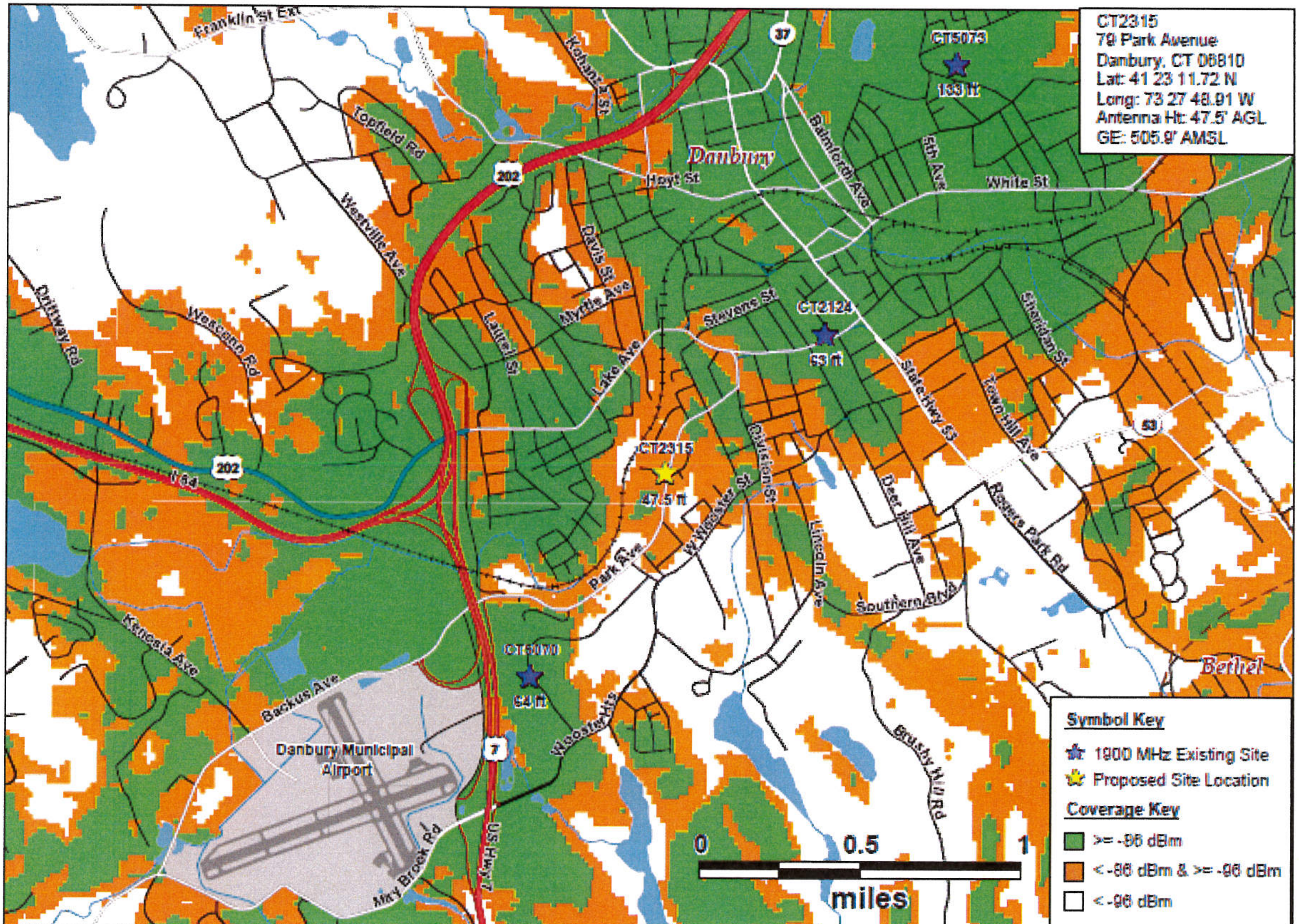
06051.

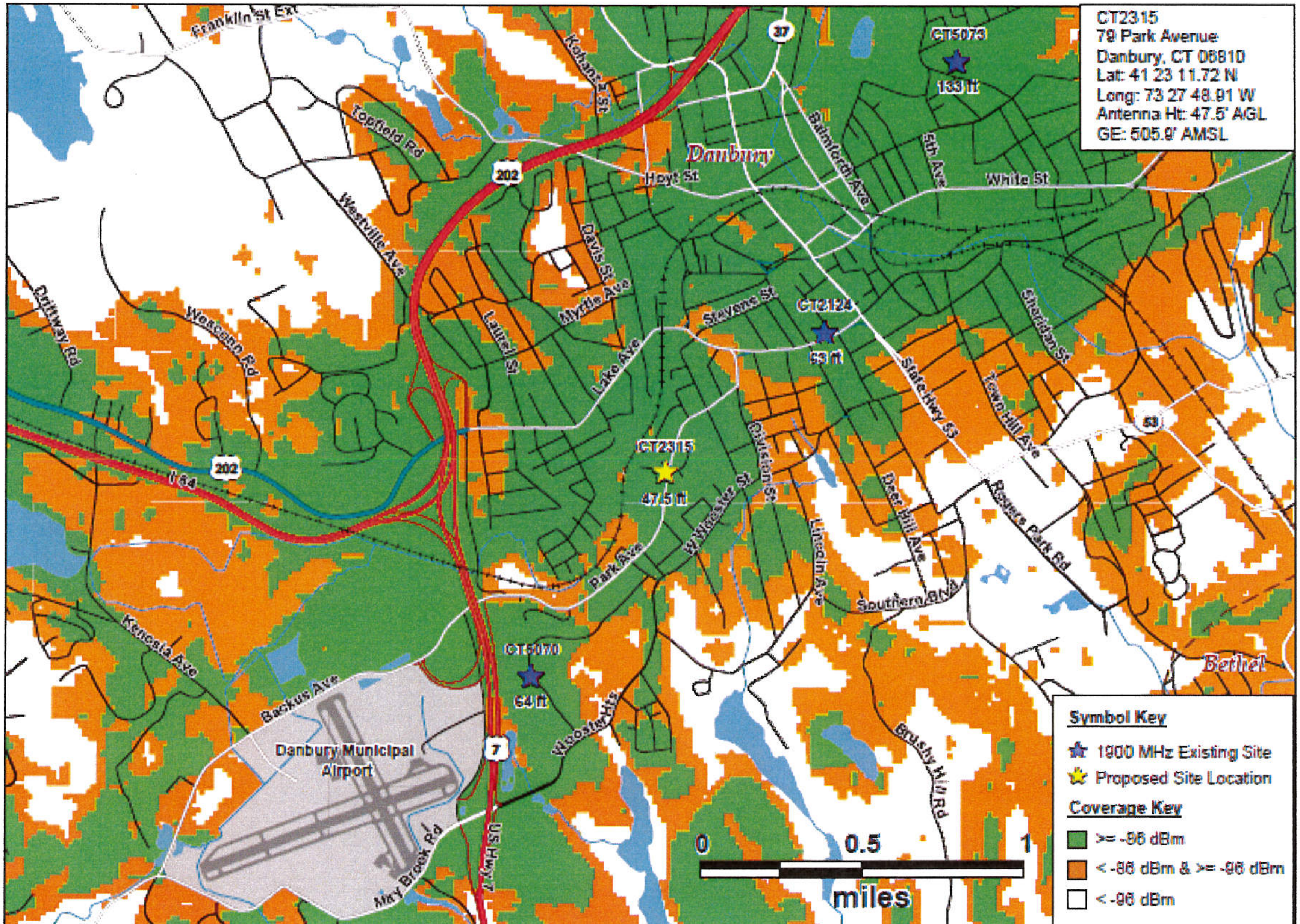

PUBLIC NOTICE
New Cingular Wireless PCS, LLC (AT&T) filed a petition for a Declaratory Ruling with the Connecticut Siting Council (Council). The Petition seeks a ruling that a proposed AT&T Wireless communications facility at 79 Park Avenue, Danbury, CT presents no significant adverse environmental effects.
The proposed AT&T facility includes an approximately 15' tall enclosed/screened rooftop tower, other equipment in the basement of the building, and an outdoor backup power generator.
The Council will hold a Public Hearing on Tuesday, August 19, 2014, at the Danbury City Hall, Council Chambers, located at 155 Deer Hill Avenues, Danbury, Connecticut beginning at 6:30 pm.
A copy of the petition, No. 1101, can be reviewed at City Hall or at the Council offices in New Britain, Connecticut. For more information, please contact the Council by telephone at (860)-827-2935, electronically at www.ct.gov/csc, or by mail at 10 Franklin Square, New Britain, Connecticut 06051.

ATTACHMENT 3

Petition No. 1101
CSC Public Hearing Presentation
August 19, 2014 – 6:30pm
New Cingular Wireless PCS, LLC ("AT&T")



Existing 1900 MHz LTE Coverage	Danbury, CT	79 Park Avenue Danbury, CT 06810	at&t	DATE: 04/01/2014



Existing & Proposed 1900 MHz LTE Coverage	Danbury, CT	79 Park Avenue Danbury, CT 06810	at&t	DATE: 04/01/2014

1. Incremental Coverage & Offload Analysis (CT2315B – Danbury)

Table 1 below lists the incremental coverage statistics that were compiled for each frequency band of the proposed site.

	Incremental Coverage from Proposed Site (700 MHz)		Incremental Coverage from Proposed Site (1900 MHz)	
Population Coverage:[1]	(≥ -83 dBm)	2,367	(≥ -86 dBm)	2,991
	(≥ -93 dBm)	577	(≥ -96 dBm)	1,525
Area Covered (mi²):	(≥ -83 dBm)	0.45	(≥ -86 dBm)	0.43
	(≥ -93 dBm)	0.39	(≥ -96 dBm)	0.51
Roadway Coverage (mi):	Main:	0.10	Main:	0.34
	Secondary:	2.47	Secondary:	4.26
	Total:	2.57	Total:	4.60

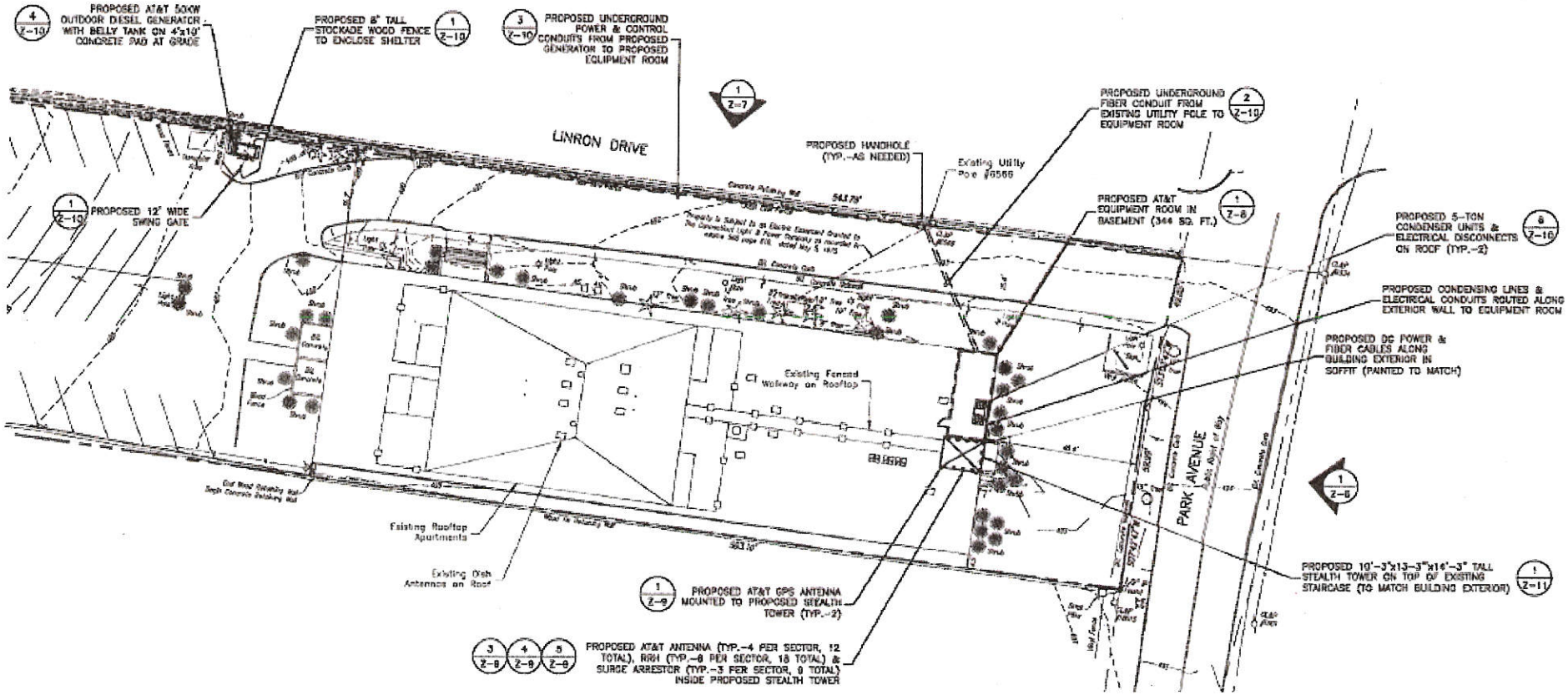
Table 1: Coverage Statistics

Table 2 below provides quantitative data concerning the predicted capacity relief at the sector level, of the sites currently serving the targeted area of Danbury, as impacted by the proposed site. Population figures (POPs) represent the covered residential population based upon the 2010 US Census Data. The below analysis utilized thresholds of -93 dBm for 700 MHz, and -96 dBm for 1900 MHz, which are the minimum acceptable levels required to meet customer expectations for 4G service.

Sector	*Current*		*With "CT2315B"*		*Offload Summary*	
	Total Pops	Area (mi²)	Total Pops	Area (mi²)	Total Pops Offloaded	Area Offloaded (mi²/%)
700 MHz Band (-93 dBm)						
CT2124 Gamma (270°)	5038	0.43	4216	0.35	822 (16.32%)	0.08 (18.6%)
CT2133 Alpha (20°)	1824	1.14	659	0.90	1165 (63.87%)	0.24 (21.05%)
CT5070 Alpha (0°)	3502	0.68	1564	0.49	1938 (55.34%)	0.19 (27.94%)
1900 MHz Band (-96 dBm)						
CT2124 Beta (150°)	4306	0.61	3833	0.52	473 (10.98%)	0.09 (14.75%)
CT2133 Alpha (20°)	1592	0.97	456	0.80	1136 (71.36%)	0.17 (17.53%)
CT5070 Alpha (0°)	4410	0.84	2540	0.63	1870 (42.4%)	0.21 (25%)
CT5073 Gamma (270°)	12883	2.48	11703	2.35	1180 (9.16%)	0.13 (5.24%)

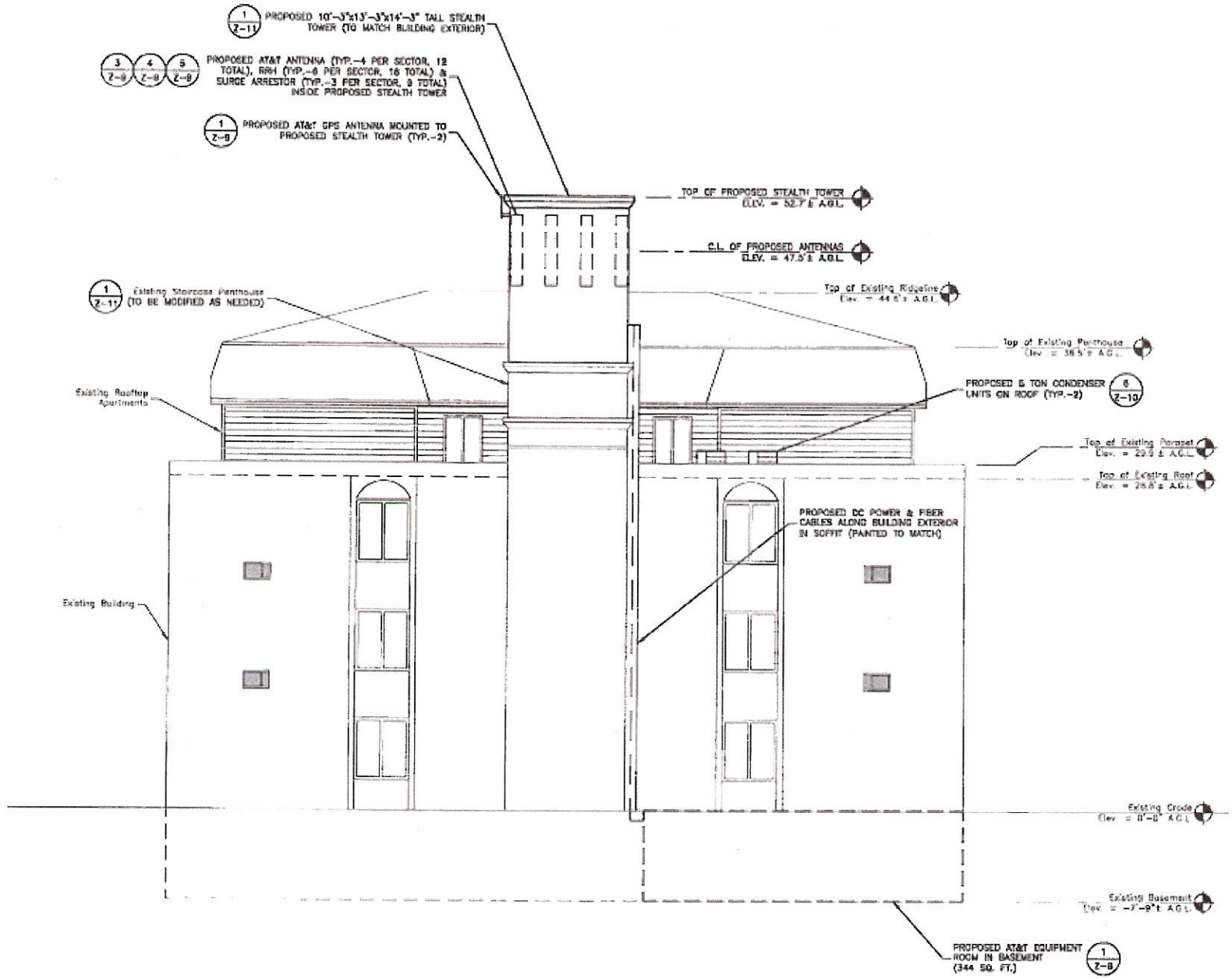
Table 2: Offload Statistics

[1] Population figures are based upon 2010 US Census Block Data



PROPOSED SITE PLAN 1

SCALE: 1"=40' FOR 11"x17"
1"=20' FOR 22"x34"



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EAST ELEVATION 1

SCALE: 1"=10' FOR 11"x17"
1"=5' FOR 22"x34"

NORTH ELEVATION 1

SCALE: 1"=20' FOR 11"x17"
1"=10' FOR 22"x34"

NOTES:

4.2. Calculated Results for Rooftop Emissions

Figure 2 below shows the predicted RF environment based on AT&T's proposed antenna configuration. These worst-case calculations assume that all transmitters are simultaneously operating at full power, that there is 0 dB of cable loss, and 0 dB of building penetration loss into the penthouse apartments. The calculation point for this mapping is 6 feet above the main rooftop level to model the RF power density at the head of a person standing on the rooftop, on the penthouse patios, and within the penthouse apartments.

As mentioned above, the calculations include 0 dB of building attenuation loss. A conservative value of 10 dB can be applied to represent building attenuation loss, thus making percent of MPE levels inside the penthouse apartments 10x lower than the calculated values.

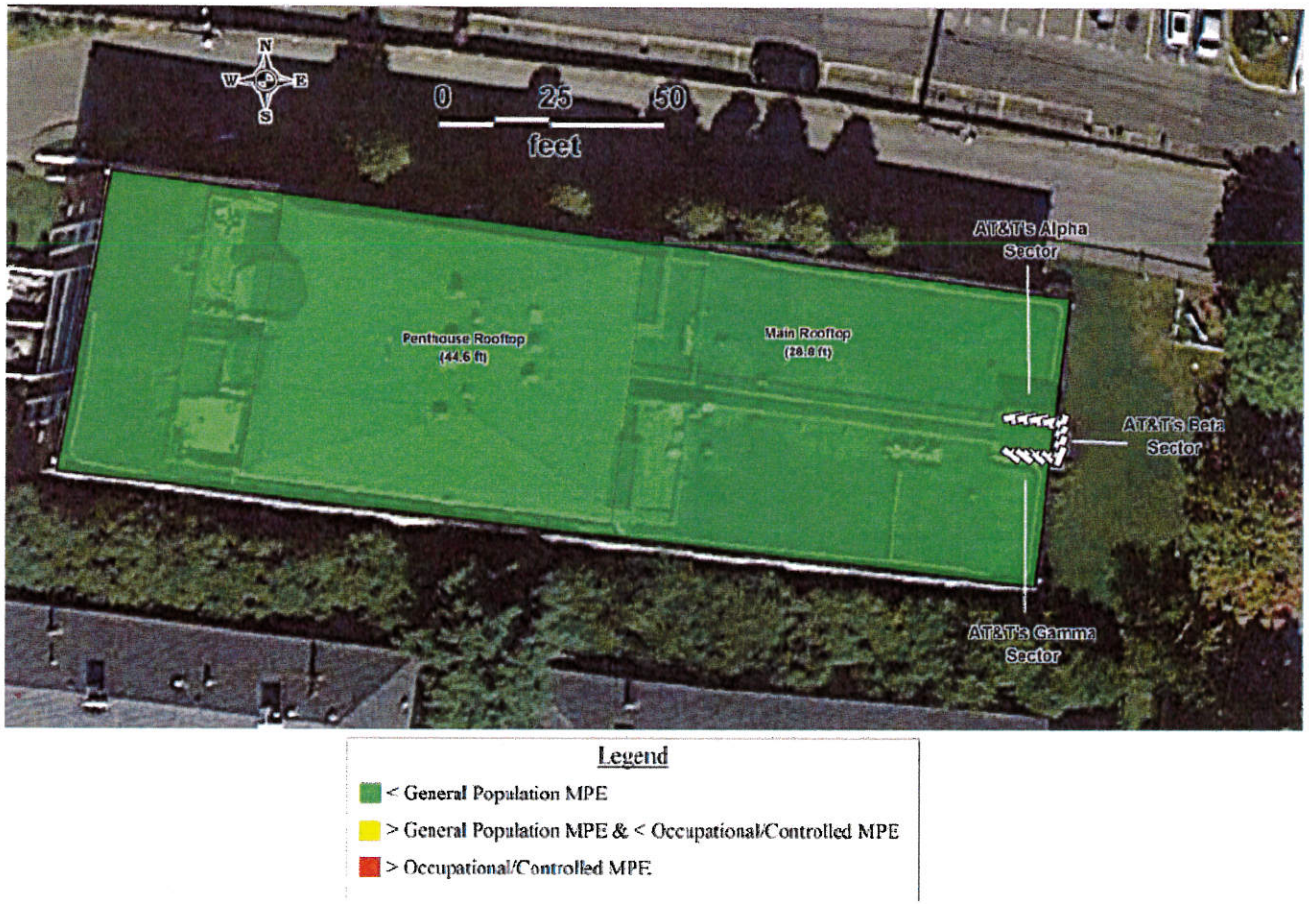


Figure 2: Predicted Power Density Levels on Main Rooftop – Post AT&T Installation

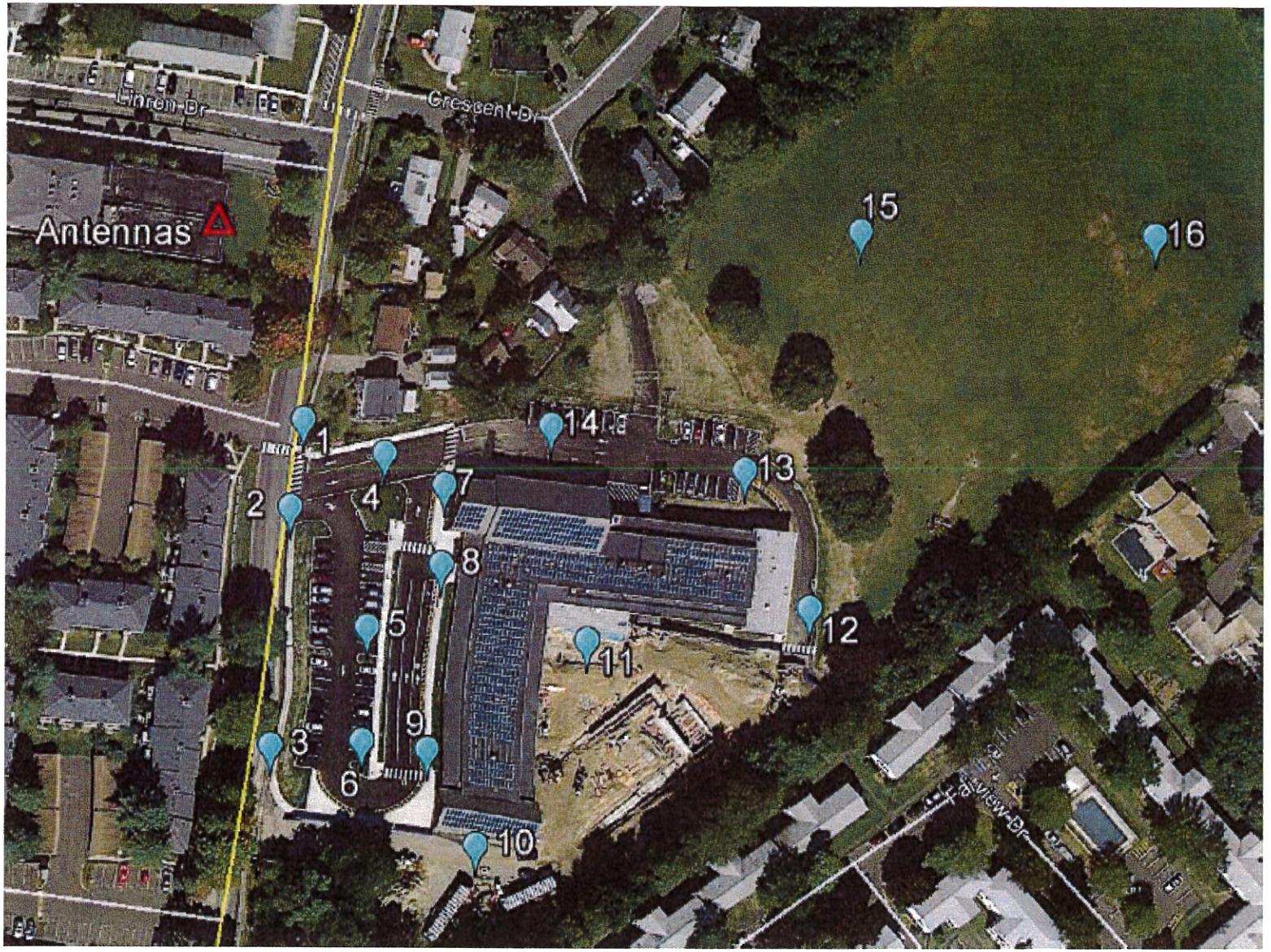


Figure 2: Aerial View of Selected Locations

Meas. Location	Latitude	Longitude	Dist. From Site (feet)	Ground Elevation Difference (feet)	Calculated % MPE (750MHz LTE)	Calculated % MPE (850MHz Cellular)	Calculated % MPE (1900MHz PCS)	Calculated % MPE (2300MHz AWS)	Composite % MPE (Uncontrolled / General)
1	41.3860	-73.4630	202	-1.6	2.73%	1.89%	0.42%	0.35%	5.39%
2	41.3858	-73.4630	267	-2.5	2.37%	2.09%	1.32%	0.82%	6.60%
3	41.3853	-73.4631	459	-5.1	0.85%	0.77%	0.54%	0.37%	2.53%
4	41.3860	-73.4628	256	-1.1	2.44%	2.10%	1.19%	0.67%	6.40%
5	41.3856	-73.4628	378	-3.0	1.25%	1.13%	0.79%	0.54%	3.71%
6	41.3853	-73.4628	468	-4.2	0.82%	0.74%	0.52%	0.36%	2.43%
7	41.3859	-73.4626	305	-0.8	1.88%	1.69%	1.14%	0.76%	5.47%
8	41.3857	-73.4626	357	-1.6	1.40%	1.26%	0.88%	0.61%	4.15%
9	41.3853	-73.4626	490	-3.7	0.75%	0.68%	0.47%	0.32%	2.22%
10	41.3851	-73.4625	578	-4.1	0.54%	0.49%	0.34%	0.23%	1.60%
11	41.3856	-73.4621	476	-0.7	0.79%	0.71%	0.50%	0.34%	2.35%
12	41.3856	-73.4615	590	10.1	0.51%	0.47%	0.32%	0.22%	1.53%
13	41.3859	-73.4617	487	10.3	0.75%	0.68%	0.47%	0.33%	2.23%
14	41.3860	-73.4623	332	4.3	1.58%	1.41%	0.94%	0.62%	4.55%
15	41.3865	-73.4613	527	6.4	0.64%	0.58%	0.41%	0.28%	1.91%
16	41.3865	-73.4605	764	-0.1	0.31%	0.28%	0.19%	0.13%	0.92%

Table 3: Calculated Results at Selected Points[4 5]

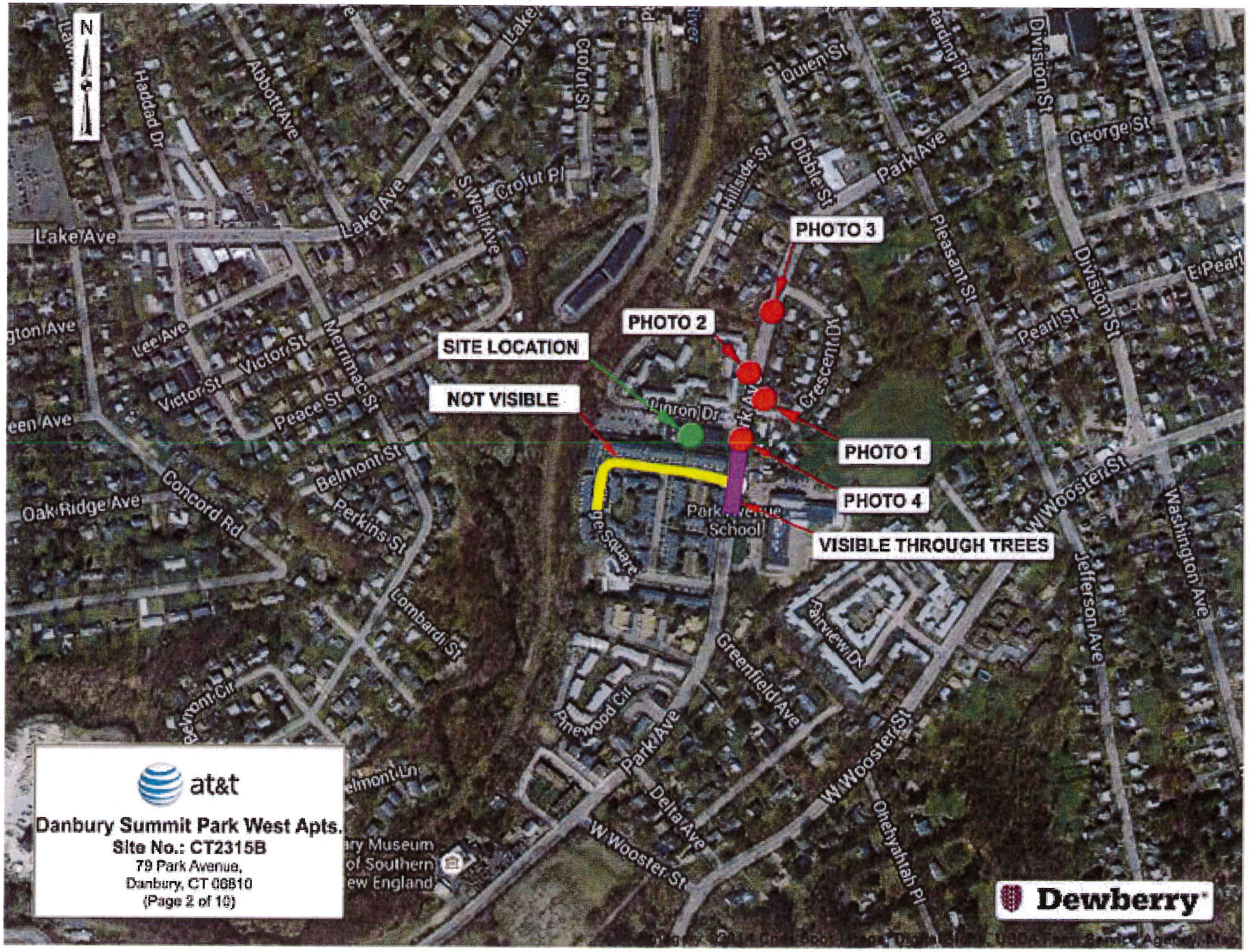
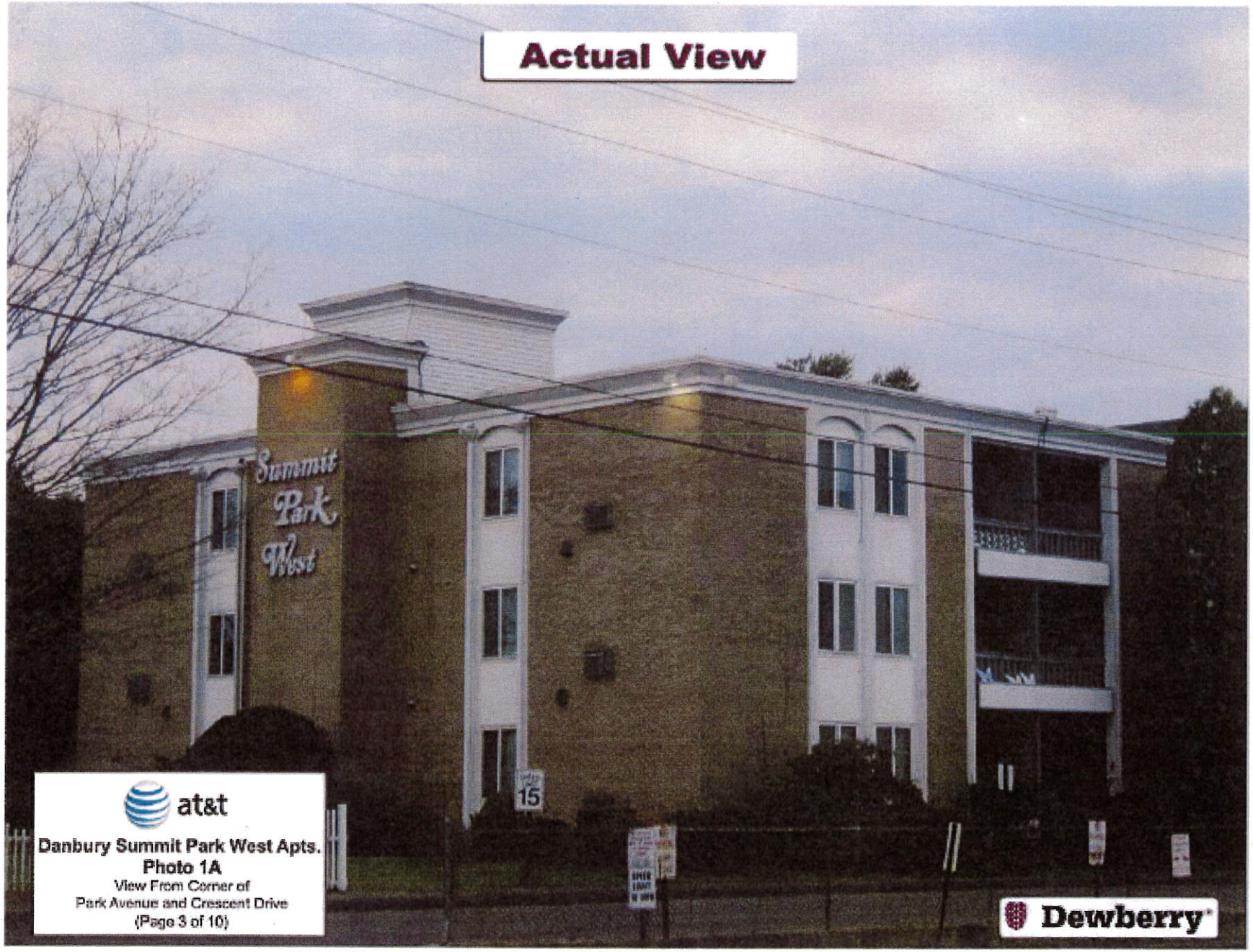
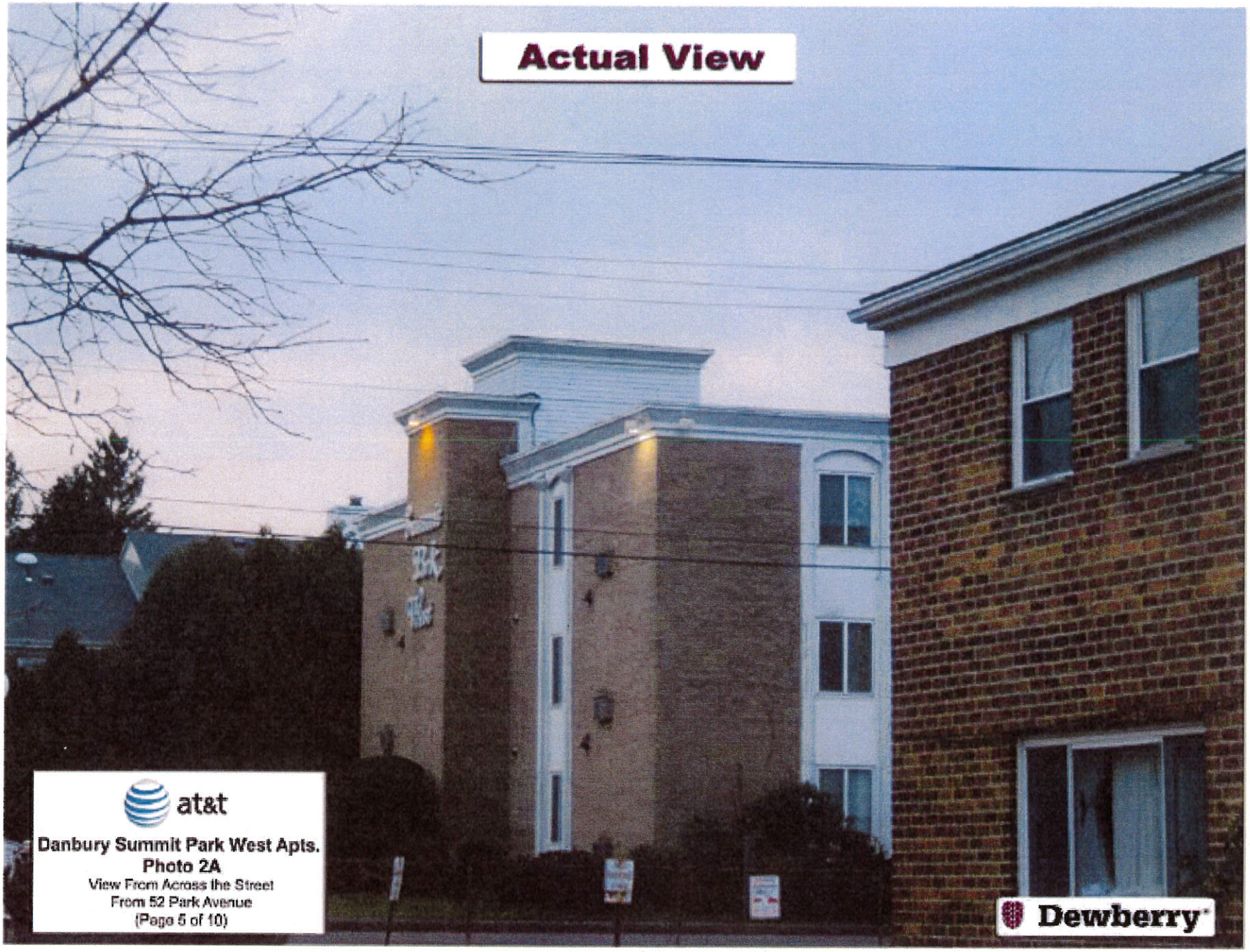
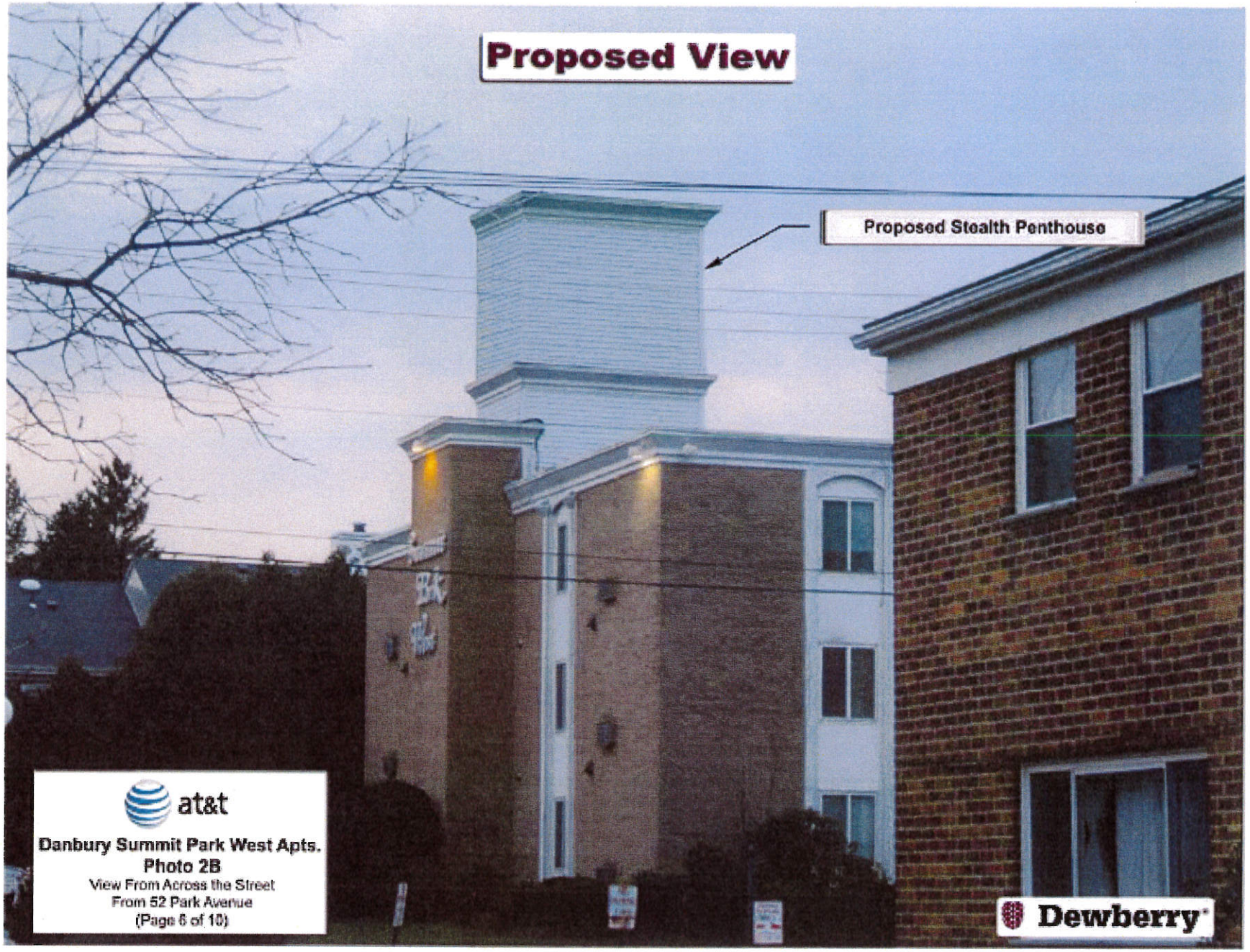


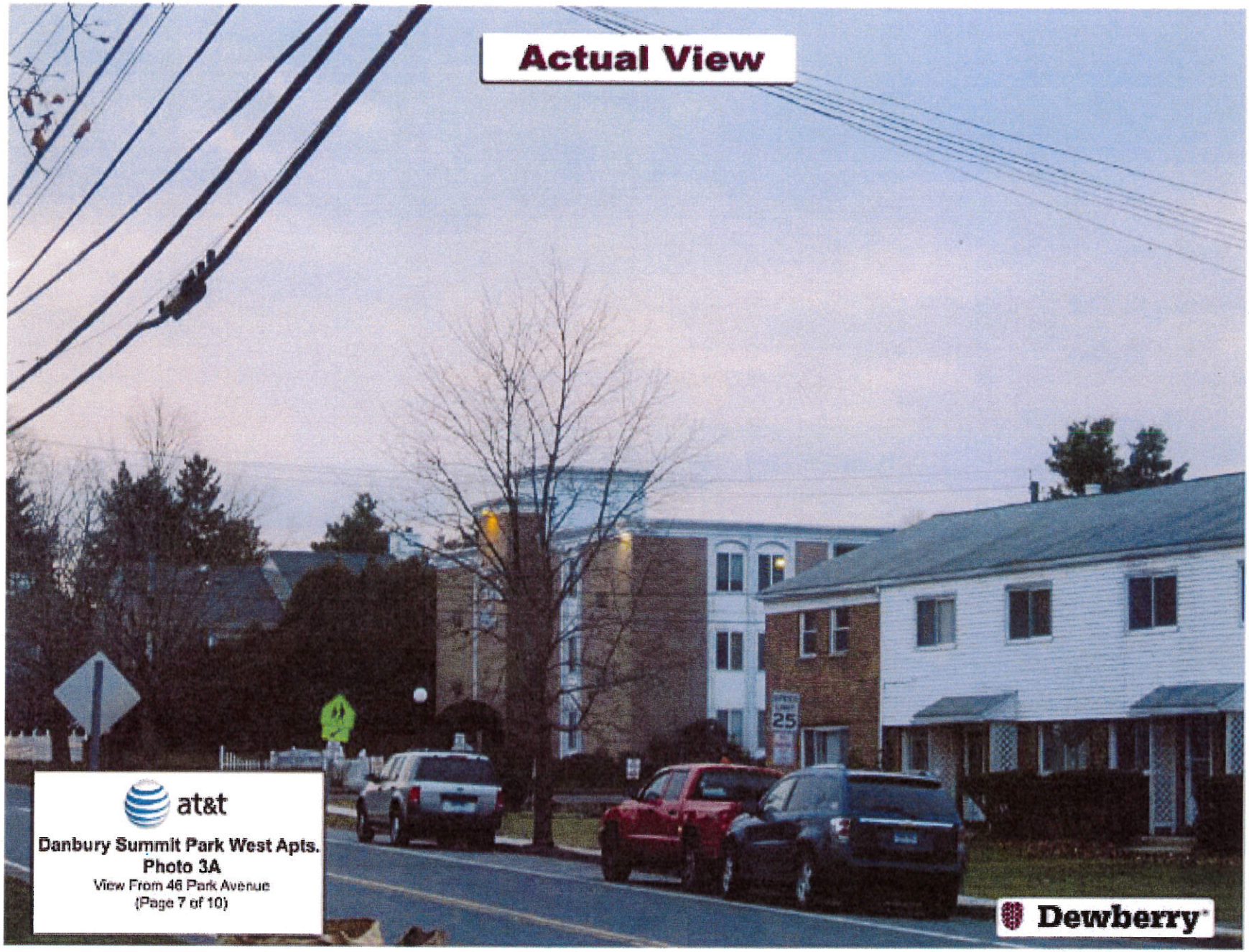
PHOTO 3
PHOTO 2
SITE LOCATION
NOT VISIBLE
PHOTO 1
PHOTO 4
VISIBLE THROUGH TREES
Lake Ave
Park Ave
Park Avenue School
W Wooster St
Division St
Pleasant St
Jefferson Ave
Washington Ave
Greenfield Ave
Delta Ave
Pinewood Cir
Lombardi St
Belmont St
Perkins St
Concord Rd
Oak Ridge Ave
Merrimac St
Peace St
Victor St
Lee Ave
Abbott Ave
Haddad Dr
Crofut St
Crofut Pl
S Well Ave
Hillside St
Dibble St
Quien St
Harding Pl
George St
Pearl St
E Pearl
Crescent Dr
Fairview Dr
Ohehyahtah Pl
Belmont Cir
Belmont Ln
at&t
Danbury Summit Park West Apts.
Site No.: CT2315B
79 Park Avenue,
Danbury, CT 06810
(Page 2 of 10)
Dewberry


Actual View
Summit Park West
15
at&t
Danbury Summit Park West Apts.
Photo 1A
View From Corner of
Park Avenue and Crescent Drive
(Page 3 of 10)
Dewberry


Proposed View
Proposed Stealth Penthouse
Summit Park West
15
at&t
Danbury Summit Park West Apts.
Photo 1B
View From Corner of
Park Avenue and Crescent Drive
(Page 4 of 10)
Dewberry

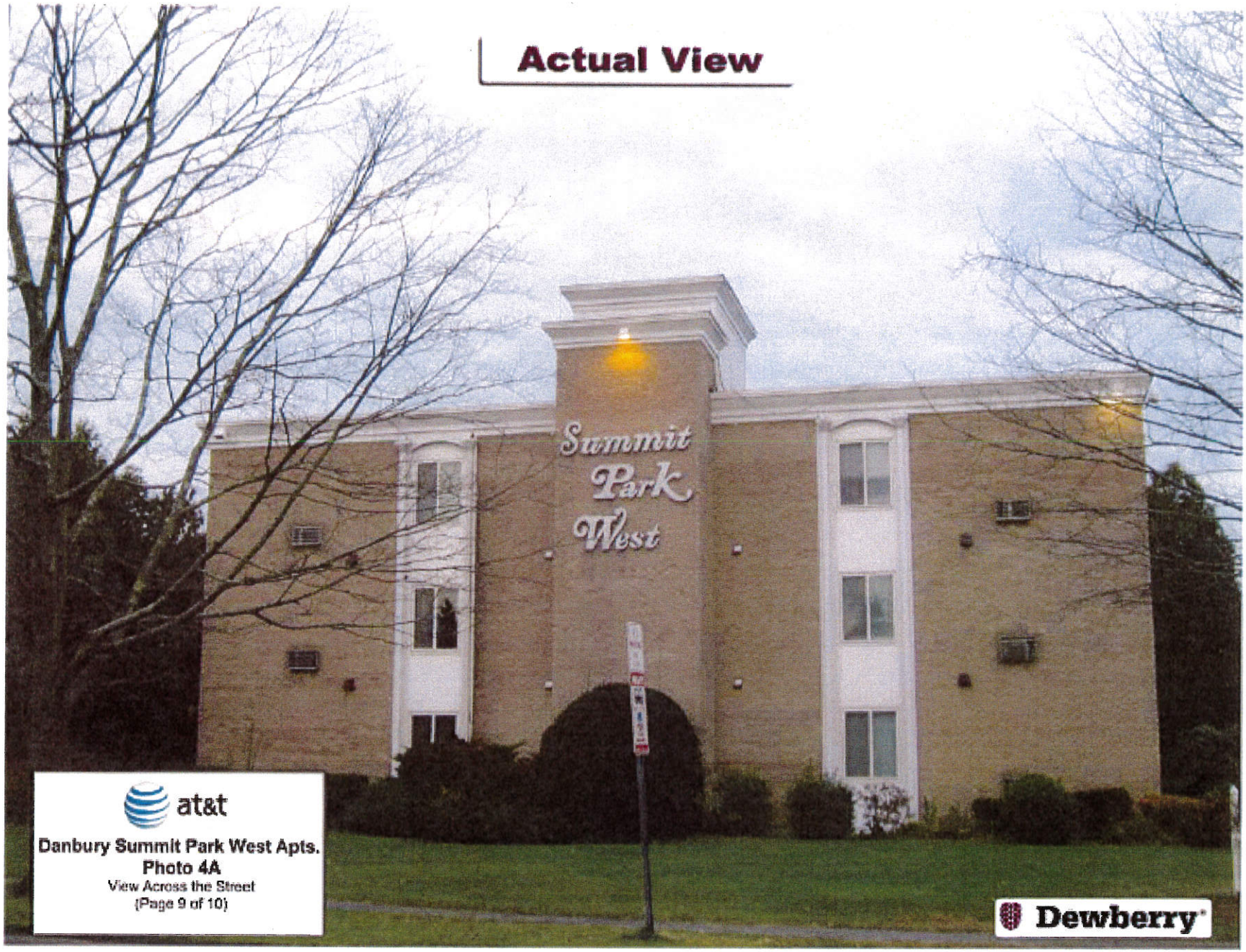

Actual View
at&t
Danbury Summit Park West Apts.
Photo 2A
View From Across the Street
From 52 Park Avenue
(Page 5 of 10)
Dewberry


Proposed View
Proposed Stealth Penthouse
at&t
Danbury Summit Park West Apts.
Photo 2B
View From Across the Street
From 52 Park Avenue
(Page 6 of 10)
Dewberry


Actual View
at&t
Danbury Summit Park West Apts.
Photo 3A
View From 46 Park Avenue
(Page 7 of 10)
Dewberry


Proposed View
Proposed Stealth Penthouse
at&t
Danbury Summit Park West Apts.
Photo 3B
View From 46 Park Avenue
(Page 8 of 10)
Dewberry

Actual View



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Danbury Summit Park West Apts.
Photo 4A
View Across the Street
(Page 9 of 10)

Dewberry


Proposed View
Proposed Stealth Penthouse
Summit
Park
West
at&t
Danbury Summit Park West Apts.
Photo 4B
View From Across the Street
(Page 10 of 10)
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