

CONNECTICUT SITING COUNCIL

PETITION OF NEW CINGULAR WIRELESS PCS,)
LLC ("AT&T") TO THE CONNECTICUT SITING)
COUNCIL FOR A DECLARATORY RULING) PETITION NO. 1319
THAT NO CERTIFICATE OF ENVIRONMENTAL)
COMPATIBILITY AND PUBLIC NEED IS) SEPTEMBER 11, 2017
REQUIRED TO MODIFY AN EXISTING)
WIRELESS TELECOMMUNICATIONS FACILITY)
LOCATED AT 585 SOUTH MAIN STREET,)
NAUGATUCK, CONNECTICUT)

**RESPONSES TO CSC INTERROGATORIES
TO MODIFY AN EXISTING WIRELESS FACILITY
585 SOUTH MAIN STREET, NAUGATUCK, CONNECTICUT**

Q1. Was the underlying property owner provided notice of the proposed monopole extension?

A1. *Yes. Notice of intent to file this Petition was sent to the underlying property owner on August 7, 2017.*

Q2. How was the height of AT&T's proposed antennas determined?

A2. *AT&T's RF engineers used a predictive modelling software tool, ATOLL, to determine the area in the vicinity of the site where reliable LTE service is needed. The ATOLL software uses information such as, but not limited to: location, ground elevation, terrain and ground cover to model the area of service. With this predictive modelling software, AT&T's RF engineers examined several heights to determine the minimum height necessary to provide reliable LTE service.*

Q3. What is the minimum height that the tower extension could be without compromising AT&T's wireless services?

A3. *The minimum tower extension is 40' for an overall tower height of approximately 89' AGL and an antenna centerline height of 90' AGL. Please see Response A2 above regarding AT&T's analysis.*

Q4. Please provide a coverage plot using the parameters from the coverage plots behind tab 8 of the petition at a height of 80 feet above ground level at the tower location.

A4. *Included in Attachment 1 is a coverage plot at 80' AGL at the tower location. A comparison of the plot at 80' AGL in Attachment 1 and the plot at 90' AGL in Attachment 8 of the Petition (for convenience, another copy of the plot at 90' AGL is also included in Attached 1) shows a loss of reliable service to the northwest and northeast of the site at 80' AGL.*

Also included in Attachment 1 is a table of information regarding AT&T's neighboring sites.

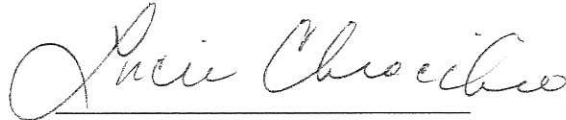
Q5. Behind Tab 5 of the Petition, there are two sets of photosimulations labeled Photo 3A and Photo 3B. Should one set of photographs be labeled Photo 4A and 4B?

A5. *Yes. Attachment 2 contains a revised visual report.*

CERTIFICATION OF SERVICE

I hereby certify that on the 11 day of September, 2017, an original and 15 copies of the Responses to Siting Council Interrogatories were filed with the Connecticut Siting Council.

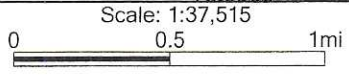
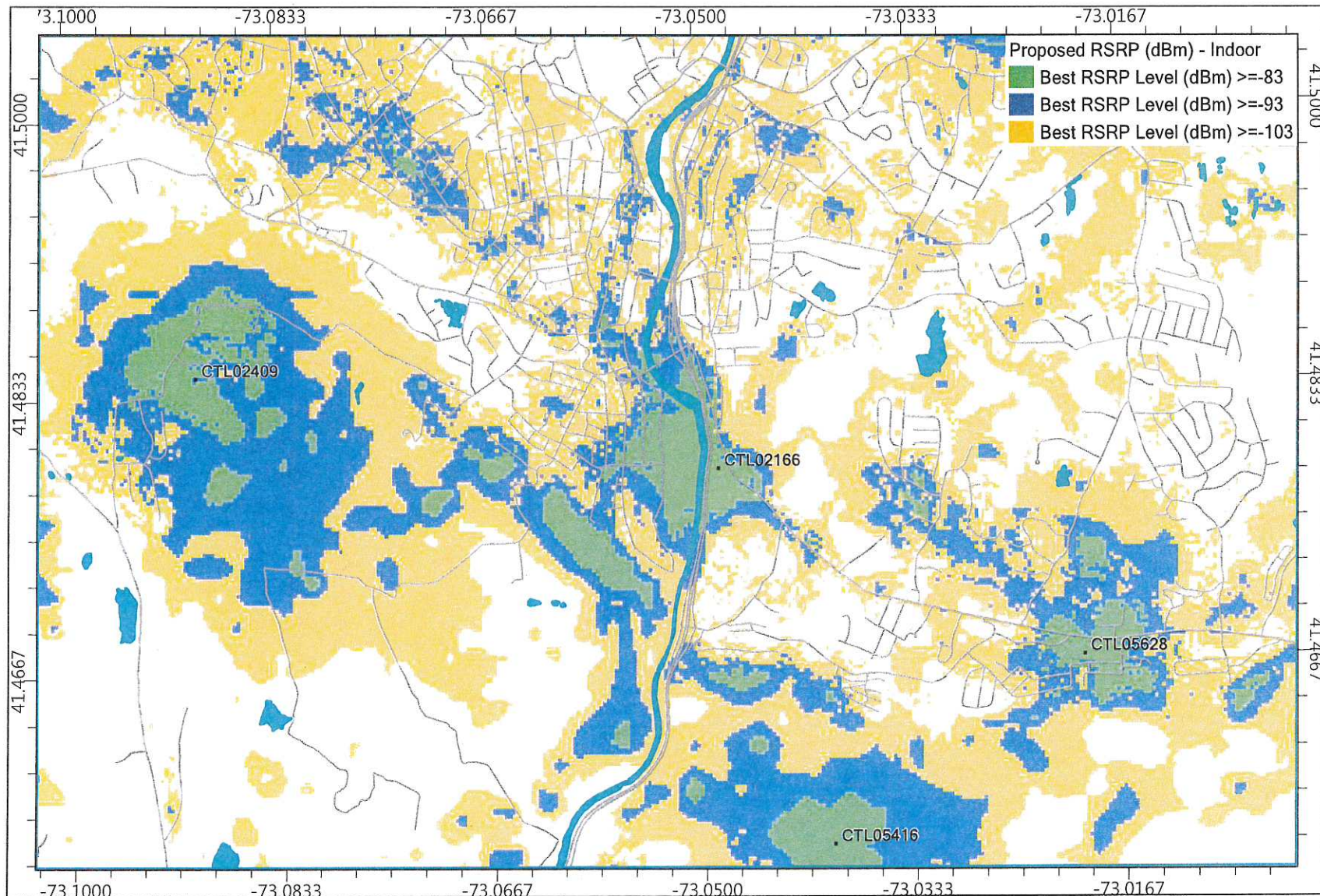
Respectfully submitted,



Attorneys for
New Cingular Wireless PCS LLC d/b/a AT&T
Cuddy & Feder, LLP
445 Hamilton Avenue, 14th Floor
White Plains, New York 10601
(914) 761-1300



LTE Coverage with CT2166 @ 80'





Proposed LTE Coverage @ 90'

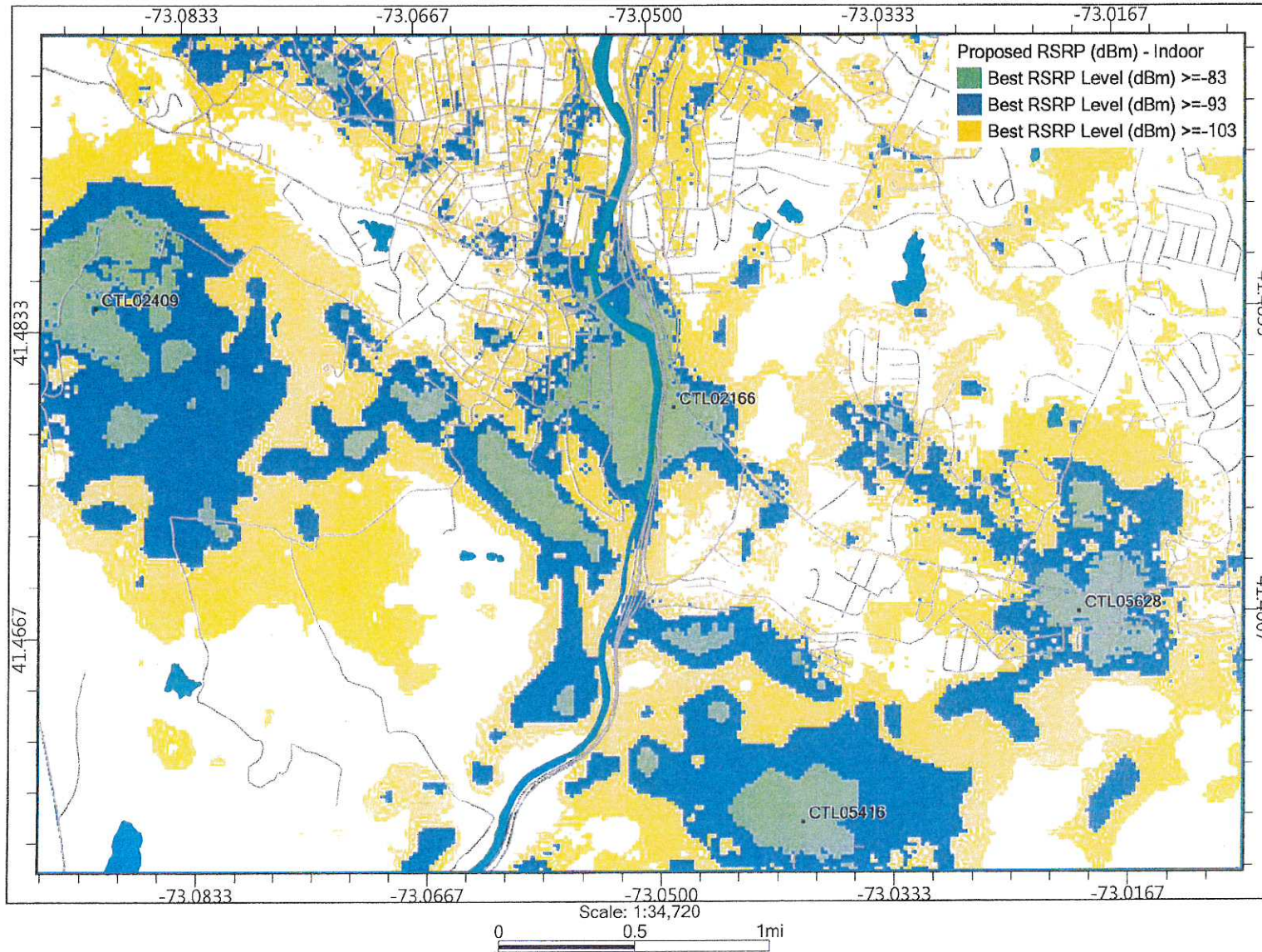


Table of Neighboring AT&T Sites

Site Id	Longitude	Latitude	Address	City	Structure Type	Antenna Height (feet)
CTL02409	-73.08979722	41.484497	880 ANDREW MOUNTAIN ROAD	NAUGATUCK	MONOPOLE	116
CTL05416	-73.039799	41.455702	10 TERESA ROAD	BEACON FALLS	MONOPOLE	132
CTL05628	-73.019799	41.466805	1247 NEW HAVEN ROAD	NAUGATUCK	ROOFTOP	43

Prepared For:
AT&T Mobility
Site Name:
NAUGATUCK SOUTH MAIN
Site No.: CT2166
585 South Main Street
Naugatuck, CT 06770
New Haven County



For visual reference only. Actual visibility is dependent upon weather conditions, season, sunlight, and viewer location.



550 Enterprise Drive Suite 3A
Rocky Hill, CT 06067

NAUGATUCK SOUTH MAIN
Site No.: CT2166

DEWBERRY NO. 50085890
(Page 1 of 12)



27 Northwestern Drive
Salem, NH 03079



Dewberry Engineers Inc.
600 Parsippany Road
Suite 301
Parsippany, NJ 07054



PHOTO 6

PHOTO 5

PHOTO 4

PHOTO 3

PHOTO 1

PHOTO 2

SITE LOCATION

South Main Street

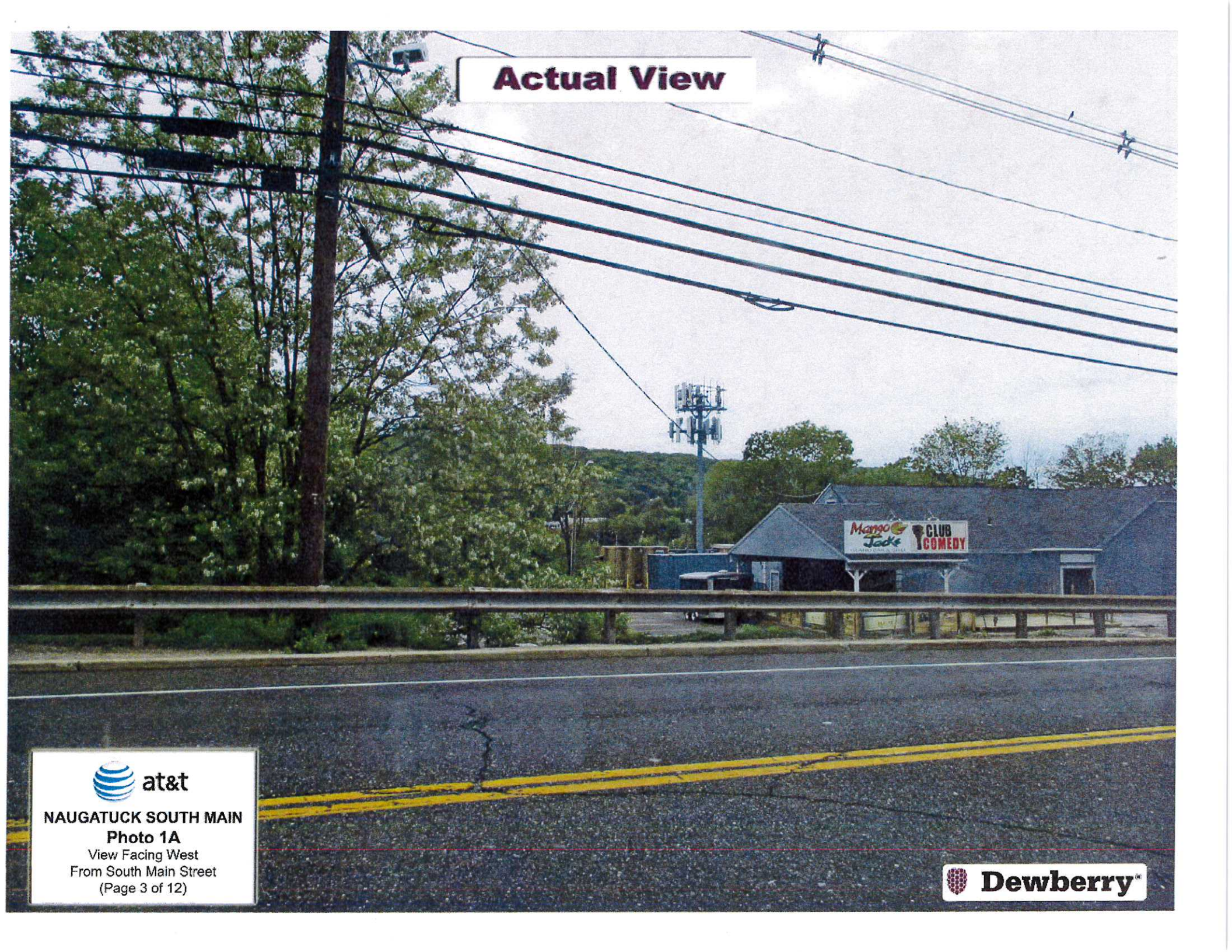
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NAUGATUCK SOUTH MAIN
585 South Main Street
Naugatuck, CT 06770
New Haven County
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Actual View



NAUGATUCK SOUTH MAIN

Photo 1A

View Facing West
From South Main Street
(Page 3 of 12)



Proposed View

Proposed 9' Tall Lightning Rod

Existing AT&T Antennas & Appurtenances Relocated On New Mount

Proposed 40' Tall Monopole Extension



NAUGATUCK SOUTH MAIN

Photo 1B

View Facing West
From South Main Street
(Page 4 of 12)



Actual View

Naugatuck
Business Dist
FOOD - PHONE
CAS -



NAUGATUCK SOUTH MAIN

Photo 2A

View Facing Northeast
From Connecticut Route 8
(Page 5 of 12)



Proposed View

Proposed 9' Tall Lightning Rod

Existing AT&T Antennas & Appurtenances Relocated On New Mount

Proposed 40' Tall Monopole Extension



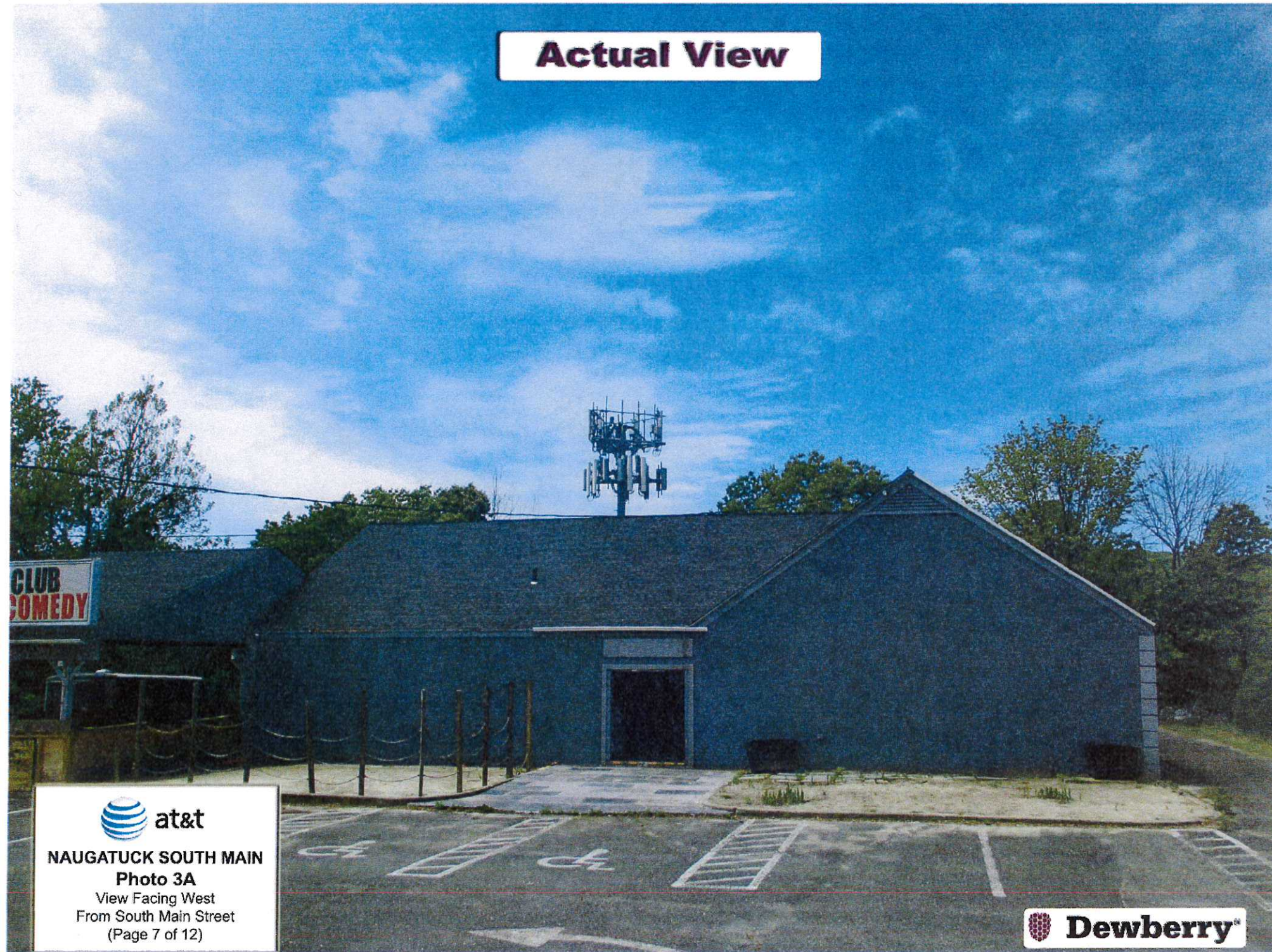
NAUGATUCK SOUTH MAIN

Photo 2B

View Facing Northeast
From Connecticut Route 8
(Page 6 of 12)



Actual View



NAUGATUCK SOUTH MAIN

Photo 3A

View Facing West
From South Main Street
(Page 7 of 12)



Proposed View

Proposed 9' Tall Lightning Rod

Existing AT&T Antennas & Appurtenances Relocated On New Mount

Proposed 40' Tall Monopole Extension

CLUB
COMEDY



NAUGATUCK SOUTH MAIN

Photo 3B

View Facing West
From South Main Street
(Page 8 of 12)



Actual View



NAUGATUCK SOUTH MAIN

Photo 4A

View Facing Southwest
From South Main Street
(Page 9 of 12)



Proposed View

Proposed 9' Tall Lightning Rod

Existing AT&T Antennas & Appurtenances Relocated On New Mount

Proposed 40' Tall Monopole Extension



NAUGATUCK SOUTH MAIN

Photo 4B

View Facing Southwest
From South Main Street
(Page 10 of 12)



Actual View

Existing Monopole & Proposed Monopole Extension Are Not Visible From This Location



NAUGATUCK SOUTH MAIN

Photo 5

View Facing South
From South Main Street
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Note: Visibility of proposed monopole extension based on the approximate heights of the surrounding trees & buildings and the changes in ground elevation obtained from Google Earth Pro. Photo simulations were completed without the benefit of a balloon test.



Actual View

Existing Monopole & Proposed
Monopole Extension Are Not Visible
From This Location



NAUGATUCK SOUTH MAIN

Photo 6

View Facing South
From South Main Street
(Page 12 of 12)

Note:

Visibility of proposed monopole extension based on the approximate heights of the surrounding trees & buildings and the changes in ground elevation obtained from Google Earth Pro. Photo simulations were completed without the benefit of a balloon test.

