From: Evan Thibodeau <ethibodeau@qualtekwireless.com>
Sent: Wednesday, January 4, 2023 11:06 AM
To: CSC-DL Siting Council <Siting.Council@ct.gov>
Cc: BUHAT, ERWIN <eb841k@att.com>; NE Permitting <nepermitting@qualtekwireless.com>; Grzegorz Dorman <gdorman@qualtekwireless.com>
Subject: PETITION NO. 443A - Notice of Construction Completion New Cingular Wireless / SOUND SHORE DR GREENWICH

Ms. Bachman,

This e-mail is to inform you that construction is complete on AT&T's new site build on the Eversource utility structure off Sound Shore Dr in Greenwich. This was completed several years ago and I apologize if the FSSI was never sent over.

Please let me know if there are any questions.

Thanks,

Evan Thibodeau
Director of Project Management - NSB
603.320.8556 / 978.729.3099
16 Esquire Road
North Billerica, MA 01862

FINAL REPORT OF SPECIAL INSPECTIONS

Project: CT5006 (aka CT5103) Greenwich Cos Cob

Scope: New Antenna Mast and Equipment Platform

Location: Sound Shore Drive, Greenwich, CT

Owner Eversource

Design Professional in Responsible Charge: Timothy J. Lynn, PE (Centek Engineering Inc.)

To the best of my information, knowledge and belief, the Special Inspections required for this project, and itemized in the Statement of Special Inspections submitted for permit, have been performed and all discovered discrepancies have been reported and resolved.

The following discrepancies that were outstanding since the last interim report dated (n/a), have been corrected:

No outstanding discrepencies exist.

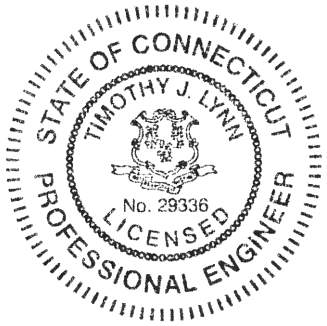
The Letter of Professional Opinion dated 4/16/20 and supporting documentation submitted along with this Final Report form the basis for and are to be considered an integral part of this Final Report.

Respectfully Submitted,
Special Inspector

Timothy J. Lynn, PE (CT PE#29336)
(type or printed name)

Signature

4/16/20
Date



(Design Professional Seal)

CENTEK engineering

Centered on Solutions℠

April 16, 2020

Mr. William J. Marr
Town of Greenwich Building Dept.
101 Field Point Road, PO Box 2540
Greenwich, CT 06836

Re: Letter of Professional Opinion

Project:	CT5006 (aka CT5103) Greenwich Cos Cob Relo Sound Shore Drive Greenwich, CT 06830
Owner:	Eversource
Engineer:	CENTEK Engineering, Inc, 63-2 North Branford Road, Branford, CT 06405
Contractor:	McPhee Electric Ltd. 505 Main Street, Farmington, CT 06032

Centek Project No.: 17016.15

Dear Mr. Marr,

We are providing this "Letter of Professional Opinion" with regard to the structural components at the above referenced project.

The following are the basis for substantiating compliance with construction documents prepared by Centek Engineering, Inc. dated 02/27/18 Rev. 11, subsequent revised canopy framing drawing S-4 dated 5/04/18 Rev. 12, and approved submittals:

- Review of structural steel shop drawings prepared by Eastern Inc. dated 5/2/18.
- Observations made of steel equipment platform support frame confirming compliance with Centek structural drawing S-3. [refer to FVR dated 11/20/2018].
- Observations made of steel tower leg plate reinforcement confirming compliance with the Centek structural drawing S-2. [refer to FVR dated 01/04/18].
- Observations made of rebar configuration for concrete pier extension confirming compliance with Centek structural drawing S-2. [refer to FVR dated 01/15/19]
- Materials Testing, Inc. concrete compression test report S-191A and concrete placement inspection report S-1162. [Enclosed for Record].
- Observations made of steel antenna frame and steel tower reinforcement installation confirming compliance with the Centek structural drawings S-2 and S-3 [refer to FVR dated 05/22/19].
- Field observations of completed site [refer to FVR dated 05/22/19].

The work under this Contract has been reviewed and found, to the Engineer's best knowledge, information and belief, to be completed in general compliance with the aforementioned documents.

Respectfully Submitted,

Timothy J. Lynn, PE
Structural Engineer

Cc: File; Dan Bilezikian – SAI (via email), Doug Barker – McPhee (via email)

CENTEK engineering
Centered on Solutions℠

63-2 North Branford Road
Branford, Connecticut 06405
(203) 488-0580
Fax (203) 488-8587
www.CentekEng.com

F I E L D V I S I T R E P O R T

DATE: November 20, 2018 **TIME:** 11:30 AM

TO: McPhee Electric **PHONE:** 860.677.9797
ATTN: Doug Barker **EMAIL:** dougb@phalconusa.com

PREPARED BY: Timothy Lynn **PHONE:** 203.488.0580 ext. 148
EMAIL: tlynn@Centekeng.com

SUBMITTED BY: Carlo F. Centore **PHONE:** 203.488.0580 ext. 122
EMAIL: cfcentore@Centekeng.com

CENTEK NO.: 17016.15

PROJECT NAME: CT5006 (aka CT5103) - Greenwich Cos Cob Relo

CC: Dan Bilezikian (SAI)

The following was observed, discussed, reviewed and/or resolved at the site, which requires action by the Contractor unless noted otherwise. Items shall remain on this ongoing report until resolved to the satisfaction of this office.

112018.1	Purpose of field visit was to confirm the steel equipment platform support framing and connections to existing tower pier were per the below referenced drawings and approved submittals: • Centek drawings stamped and dated 02/27/18	
112018.2	Overall view of installed equipment platform steel support framing.	

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112018.3	Steel member sizes and configuration in accordance with the above referenced drawings.	
112018.4	See note **112018.3** above.	
112018.5	Connections to existing tower piers were adequately installed. Beam seats were installed beneath all tower pier connections.	

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112018.6	See note **112018.5** above.	
112018.7	Railings and bar grating have been installed to platform area. Treads for platform stairs have not been installed yet.	

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F I E L D V I S I T R E P O R T

DATE: January 4, 2019 **TIME:** 11:30 AM

TO: McPhee Electric **PHONE:** 860.677.9797
ATTN: Doug Barker **EMAIL:** dougb@phalconusa.com

PREPARED BY: Timothy Lynn **PHONE:** 203.488.0580 ext. 148
EMAIL: tlynn@Centekeng.com

SUBMITTED BY: Carlo F. Centore **PHONE:** 203.488.0580 ext. 122
EMAIL: cfcentore@Centekeng.com

CENTEK NO.: 17016.15

PROJECT NAME: CT5006 (aka CT5103) - Greenwich Cos Cob Relo

CC: Dan Bilezikian (SAI)

The following was observed, discussed, reviewed and/or resolved at the site, which requires action by the Contractor unless noted otherwise. Items shall remain on this ongoing report until resolved to the satisfaction of this office.

010419.1	Purpose of field visit was to confirm the steel plate reinforcement on existing tower legs were installed per the below referenced drawings and approved submittals: • Centek drawings stamped and dated 02/27/18	
010419.2	Overall view of steel plate reinforcement installation.	

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010419.3	Steel plate reinforcement of tower legs installed in accordance with the above referenced drawings. Bridge stiffeners have not yet been installed at horizontal tower members.	
010419.4	See note **010419.3** above.	
010419.5	See note **010419.3** above.	

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F I E L D V I S I T R E P O R T

DATE: January 15, 2019 **TIME:** 3:30 PM

TO: McPhee Electric **PHONE:** 860.677.9797
ATTN: Doug Barker **EMAIL:** dougb@phalconusa.com

PREPARED BY: Luke Amiot **PHONE:** 203.488.0580 ext. 151
EMAIL: lamiot@Centekeng.com

SUBMITTED BY: Carlo F. Centore **PHONE:** 203.488.0580 ext. 122
EMAIL: cfcentore@Centekeng.com

CENTEK NO.: 17016.15
PROJECT NAME: CT5006 (aka CT5103) - Greenwich Cos Cob Relo
CC: Dan Bilezikian (SAI)

The following was observed, discussed, reviewed and/or resolved at the site, which requires action by the Contractor unless noted otherwise. Items shall remain on this ongoing report until resolved to the satisfaction of this office.

011519.1	Purpose of field visit was to confirm the installation of rebar in extension of existing concrete piers per the below referenced drawings and approved submittals: • Centek drawings stamped and dated 02/27/18	
011519.2	Rebar was installed at each existing tower pier properly embedded in the piers. The size of the rebar was in accordance with the design documents. It was observed that two (2) extra rows of vertical rebar were installed on each face of the pier. This was deemed acceptable by Centek Engineering. All other rebar configurations were in accordance with the design documents.	

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011519.3	Concrete formwork was installed atop three (3) of the four (4) existing piers. The formwork for the last pier was undergoing installation during site visit.	
011519.4	All angle shear connectors were adequately installed on each tower leg.	
011519.5	All tower legs to be embedded in concrete were coated with layer of solvent-based damp proofing compound per the design documents.	

MATERIALS TESTING, INC.

55 LAURA STREET • NEW HAVEN, CONNECTICUT 06512 • (203)468-5216
42 BOSTON POST ROAD • WILLIMANTIC, CONNECTICUT 06226 • (860)423-1972
materialstestinginc.com

COMPRESSION TEST CYLINDERS - ASTM C39

CLIENT: Centek Engineering
63-2 North Branford Road
Branford, CT 06405

S-191A

PROJECT: Eversource AT&T
Greenwich, CT

LOCATION: Pier extension for supporting the existing tower.

CONCRETE SUPPLIER: O & G Industries

DATE CAST:	01-16-19	**DATE RECEIVED:**	01-22-19
TEMPERATURE-AMBIENT:	32°F	**TEMP-CONCRETE:**	67°F
SLUMP:	4 ½"	**AIR CONTENT:**	5.5%
TRUCK NO.:	449	**SAMPLING TIME:**	11:00 a.m.

CYLINDERS CAST BY: ☒ Materials Testing ☐ Client ☐ Contractor

REQUIRED STRENGTH - PSI:	5000	**STRENGTH DELIVERED:**	5000
BATCH TICKET:	827901	**MIX DESIGN:**	5034
INITIAL CURING METHOD:	Plastic Caps	**INITIAL CURING TEMP, °F:**	
UNIT WEIGHT, PCF:		**FINAL CURING METHOD:**	Moist Room

CYLINDER NOS.	AGE DAYS	AVE DIA., IN	CROSS SECTIONAL AREA, IN^2	CYL. WTS.	DATE TESTED	LOAD-LBS.	COMPRESSIVE STRENGTH - PSI	BREAK TYPE
S-69385	7	4.00	12.56	8.38	01-23-19	64,850	5160	2
S-69386	28	4.00	12.56	8.35	02-13-19	74,640	5940	3
S-69387	28	4.00	12.56	8.31	02-13-19	69,580	5540	2
S-69388	28	4.00	12.56	8.31	02-13-19	73,460	5850	2
S-69389	Spare			8.34	Spare			

Materials Testing, Inc.

William J. Soucy

STATE OF CONNECTICUT
M. S. RAVI SHARMA
No. 28322
LICENSED
PROFESSIONAL ENGINEER

2/13/19

1cc: Client

SW

Tests performed in accordance with ASTM C31, C39, C138, C143, C1064, C617, C231, C173, as applicable.

MATERIALS TESTING, INC.

55 LAURA STREET • NEW HAVEN, CONNECTICUT 06512 • (203)468-5216
42 BOSTON POST ROAD • WILLIMANTIC, CONNECTICUT 06226 • (860)423-1972
materialstestinginc.com

DATE: 01-16-19

REPORT NO: S-1162

CLIENT: Centek Engineering
63-2 North Branford Road
Branford, CT 06405

PROJECT: Eversource AT&T
Greenwich, CT

SUBJECT: CONCRETE PLACEMENT INSPECTION

Concrete placement locations: Pier extension for supporting the existing tower.

Total concrete yardage this date: 14 cubic yards @ 5000 PSI.

All reinforcing steel was properly placed in accordance with drawings:

N/A

Cylinders, slump and air content were performed and are as reported on Compression Test Result Sheet. Tests were performed in accordance with ASTM C173, C231, C1064, C31, C172 and C143, as applicable. This report will follow when compression strength test results are known.

Remarks: None

Materials Testing, Inc. Inspector,
Dawood Ismail

William J. Soucy

STATE OF CONNECTICUT
M. S. RAVI SHARMA
No. 28322
LICENSED
PROFESSIONAL ENGINEER

1/16/19

1cc: Client

SW

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F I E L D V I S I T R E P O R T

DATE: May 22, 2019 **TIME:** 2:00 PM

TO: McPhee Electric **PHONE:** 860.677.9797
ATTN: Doug Barker **EMAIL:** dougb@phalconusa.com

PREPARED BY: Timothy Lynn **PHONE:** 203.488.0580 ext. 148
EMAIL: lperonace@Centekeng.com

SUBMITTED BY: Carlo F. Centore **PHONE:** 203.488.0580 ext. 122
EMAIL: cfcentore@Centekeng.com

CENTEK NO.: 17016.15

PROJECT NAME: CT5006 (aka CT5103) - Greenwich Cos Cob Relo

CC: Dan Bilezikian (SAI)

The following was observed, discussed, reviewed and/or resolved at the site, which requires action by the Contractor unless noted otherwise. Items shall remain on this ongoing report until resolved to the satisfaction of this office.

052219.1	Purpose of field visit was to confirm all equipment, structural steel members and antenna mast assembly have been installed per the below referenced drawings and approved submittals: • Centek drawings stamped and dated 02/27/18 • Centek canopy framing drawing S-4 stamped and dated 05/04/18	
052219.2	Overall elevation of tower with all installed equipment.	

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052219.3	Concrete cap reinforcements for tower leg piers were in accordance with design documents. Steel reinforcement plates were adequately bolted to each face of the concrete piers. Steel plates sizes and configurations were acceptable.	
052219.4	Additional hole in steel reinforcement plates on tower piers. Hole is approximately two inches from bolt location on plates. The hole is acceptable per Centek Engineering	
052219.5	Joint sealant was applied on all steel legs and diagonal bracing at concrete embedment locations.	

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052219.6	Structural steel tower reinforcement members installed in accordance with the construction documents.	
052219.7	Bridge stiffeners have been installed at all horizontal tower members per the design documents.	
052219.8	Antenna mount has been installed and bolted to steel support frame. All bolt sizes and configurations are in accordance with design documents.	

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052219.9	See note **052219.8** above.	
052219.10	All antenna mast bracing has been installed per the design documents.	
052219.11	All telecommunication equipment has been installed atop of new steel equipment platform.	

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052219.12	Canopy installed above steel equipment platform. Configuration of canopy is in accordance with design documents. Bearing plates for all canopy posts do not have grout between plate and concrete piers. The is acceptable per Centek Engineering	
052219.13	See note **052219.12** above.