

KENNETH C. BALDWIN

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Also admitted in Massachusetts

Via Electronic and U.S. Mail

May 4, 2026

Melanie A. Bachman, Esq.
Executive Director/Staff Attorney
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: **Petition No. 1194 – Cellco Partnership d/b/a Verizon Wireless – Modification to Petition for a Declaratory Ruling on the Need to Obtain a Certificate for the Installation of a Wireless Telecommunications Facility at 140 Route 132, Franklin, Connecticut**

Dear Attorney Bachman:

Enclosed is an original and fifteen (15) copies of a Modification to a Petition for Declaratory Ruling (“Petition”) filed on behalf of Cellco Partnership d/b/a Verizon Wireless for the wireless telecommunications facility at 140 Route 132, in Franklin, Connecticut. Also enclosed is a \$625.00 check representing the Petition filing fee.

Thank you in advance for your assistance and cooperation.

Sincerely,



Kenneth C. Baldwin

Enclosures

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE: :
: :
MODIFICATION TO A PETITION OF : PETITION NO. 1194
CELLCO PARTNERSHIP D/B/A VERIZON :
WIRELESS FOR A DECLARATORY RULING :
ON THE NEED TO OBTAIN A SITING :
COUNCIL CERTIFICATE FOR THE :
INSTALLATION OF A WIRELESS :
TELECOMMUNICATIONS FACILITY AT 140 :
ROUTE 132, FRANKLIN, CONNECTICUT : MAY 4, 2026

MODIFICATION TO PETITION FOR A DECLARATORY RULING:
INSTALLATION HAVING NO
SUBSTANTIAL ADVERSE ENVIRONMENTAL EFFECT

I. Introduction

Pursuant to Sections 16-50j-38 and 16-50j-39 of the Regulations of Connecticut State Agencies (“R.C.S.A.”), Cellco Partnership d/b/a Verizon Wireless (“Cellco”) hereby petitions the Connecticut Siting Council (the “Council”) to approve certain modifications to its existing wireless telecommunications facility at 140 Route 132 in Franklin, Connecticut (the “Property”).¹ The modifications now proposed include the installation of a new cannister on a slightly taller tower mast and two (2) remote radio heads (“RRH”) attached to the side of the existing structure. The Property is owned by DW Holdings, LLC. Cellco refers to its facility as its “North Franklin CT SC2” cell site. A copy of the Council’s Petition No. 1194 approval letter and Staff Report is included in Attachment 1.

II. Cellco’s Existing North Franklin CT SC2 Facility

Cellco’s existing North Franklin CT SC2 Facility consists of a single cannister antenna

¹ The Council approved Cellco’s Petition No. 1194 on November 12, 2015 permitting the installation of a cannister antenna and remote radio head on an abandoned grain elevator at the Property.

on a pipe mast at the top of an abandoned grain elevator and one remote radio head mounted to the exterior of the same structure. The top of Cellco's new cannister antenna will extend to an overall height (top of the antenna) of 134'-7" above grade. (See Cellco's Project Plans included in Attachment 2). Specifications for Cellco's antenna and remote radio heads are included in Attachment 3.

According to the attached Structural Assessment ("SA"), the mount and existing building can support Cellco's proposed facility modifications. A copy of the SA is included in Attachment 4.

III. Discussion

A. The Proposed Facility Modifications Will Not Have A Substantial Adverse Environmental Effect

The Public Utility Environmental Standards Act (the "Act"), C.G.S. § 16-50g et seq., provides for the orderly and environmentally compatible development of telecommunications facilities in the state to avoid "a significant impact on the environment and ecology of the State of Connecticut." C.G.S. § 16-50g. To achieve these goals, the Act established the Council and requires a Certificate of Environmental Compatibility and Public Need for the construction of cellular telecommunication towers "that may, as determined by the council, have a substantial adverse environmental effect". C.G.S. § 16-50k(a). Cellco respectfully submits that the modifications will have an insignificant effect on the Property and the surrounding area.

1. Physical Environmental Effects

Cellco's proposed modifications will not result in a significant adverse environmental effect to the Property or surrounding area. All facility modifications will occur on the grain elevator structure itself with no ground disturbance of any kind.

2. Visual Effects

The installation of Cellco's replacement antenna at an overall height of 134'-7" above ground level, approximately four feet taller than the originally approved cannister antenna, would have a minor incremental visual effect, likely indiscernible from the Property or the surrounding area.

3. FCC Compliance

Radio frequency ("RF") emissions from the North Franklin CT SC2 Facility will not exceed the maximum permissible exposure limits established by the Federal Communications Commission ("FCC"). Included in Attachment 5 is a far field approximation table demonstrating that the facility, with Cellco's proposed antennas will operate well within (1.71%) the FCC safety standards.

In sum, the effect of Cellco's proposed modifications to the North Franklin SC2 Facility would be minimal and limited, rather than significant and would not result in a substantial adverse environmental effect. This is not a modification for which the General Assembly intended to require a Certificate under C.G.S. § 16-50k(a).

B. Notice to the Town, Property Owner and Abutting Landowners

On May 4, 2026, a copy of this Petition was sent to Franklin's First Selectman, Judi Novosad; Ronald Chaleck, Zoning Enforcement Officer; and DW Holdings LLC, the owner of the Property. Copies of the letters sent to these public officials and Property owner are included in Attachment 6.

Notice of this Petition was also sent to the owners of land considered to abut the Property. A sample abutter's notice letter and a list of those abutting landowners to whom notice was sent is included in Attachment 7.

IV. Conclusion

Based on the information provided above, Cellco respectfully requests that the Council issue a determination, in the form of a declaratory ruling, that the facility modifications described above, will not have a substantial adverse environmental effect and do not require the issuance of a Certificate of Environmental Compatibility and Public Need pursuant to § 16-50k of the General Statutes.

Respectfully submitted,

CELLCO PARTNERSHIP d/b/a VERIZON
WIRELESS

By 

Kenneth C. Baldwin, Esq.
Robinson & Cole LLP
One State Street
Hartford, CT 06103
(860) 275-8200
Its Attorneys

ATTACHMENT 1



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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

E-Mail: siting.council@ct.gov

www.ct.gov/csc

CERTIFIED MAIL RETURN RECEIPT REQUESTED

November 13, 2015

Kenneth C. Baldwin, Esq.
Robinson & Cole LLP
280 Trumbull Street
Hartford, CT 06103-3597

RE: **PETITION NO. 1194** - Cellco Partnership d/b/a Verizon Wireless petition for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed installation of a small cell telecommunications facility on an existing abandoned grain elevator structure at 140 Route 32, Franklin, Connecticut.

Dear Attorney Baldwin:

At a public meeting held on November 12, 2015, the Connecticut Siting Council (Council) considered and ruled that the above-referenced proposal would not have a substantial adverse environmental effect, and pursuant to Connecticut General Statutes § 16-50k, would not require a Certificate of Environmental Compatibility and Public Need with the following conditions:

- Unless otherwise approved by the Council, if the facility authorized herein is not fully constructed within three years from the date of the mailing of the Council's decision, this decision shall be void, and the facility owner/operator shall dismantle the facility and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made. The time between the filing and resolution of any appeals of the Council's decision shall not be counted in calculating this deadline. Authority to monitor and modify this schedule, as necessary, is delegated to the Executive Director. The facility owner/operator shall provide written notice to the Executive Director of any schedule changes as soon as is practicable;
- Any request for extension of the time period to fully construct the facility shall be filed with the Council not later than 60 days prior to the expiration date of this decision and shall be served on all parties and intervenors, if applicable, and the Town of Franklin;
- Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
- Any nonfunctioning antenna and associated antenna mounting equipment on this facility owned and operated by the Petitioner shall be removed within 60 days of the date the antenna ceased to function;
- The facility owner/operator shall remit timely payments associated with annual assessments and invoices submitted by the Council for expenses attributable to the facility under Conn. Gen. Stat. §16-50v;



CONNECTICUT SITING COUNCIL

Affirmative Action / Equal Opportunity Employer

- This Declaratory Ruling may be transferred, provided the facility owner/operator/transferor is current with payments to the Council for annual assessments and invoices under Conn. Gen. Stat. §16-50v and the transferee provides written confirmation that the transferee agrees to comply with the terms, limitations and conditions contained in the Declaratory Ruling, including timely payments to the Council for annual assessments and invoices under Conn. Gen. Stat. §16-50v; and
- If the facility owner/operator is a wholly owned subsidiary of a corporation or other entity and is sold/transferred to another corporation or other entity, the Council shall be notified of such sale and/or transfer and of any change in contact information for the individual or representative responsible for management and operations of the facility within 30 days of the sale and/or transfer.

This decision is under the exclusive jurisdiction of the Council and is not applicable to any other modification or construction. All work is to be implemented as specified in the petition dated October 6, 2015.

Enclosed for your information is a copy of the staff report on this project.

Very truly yours,



Robert Stein
Chairman

RS/RDM/lm

Enclosure: Staff Report dated November 12, 2015

- c: The Honorable Richard L. Matters, First Selectman, Town of Franklin
Ronald Chalecki, Zoning Enforcement Officer, Town of Franklin
D. W. Holdings, LLC



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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

E-Mail: siting.council@ct.gov

www.ct.gov/csc

Petition No. 1194

**Cellco Partnership d/b/a Verizon Wireless
140 Franklin Turnpike, Franklin**

Staff Report

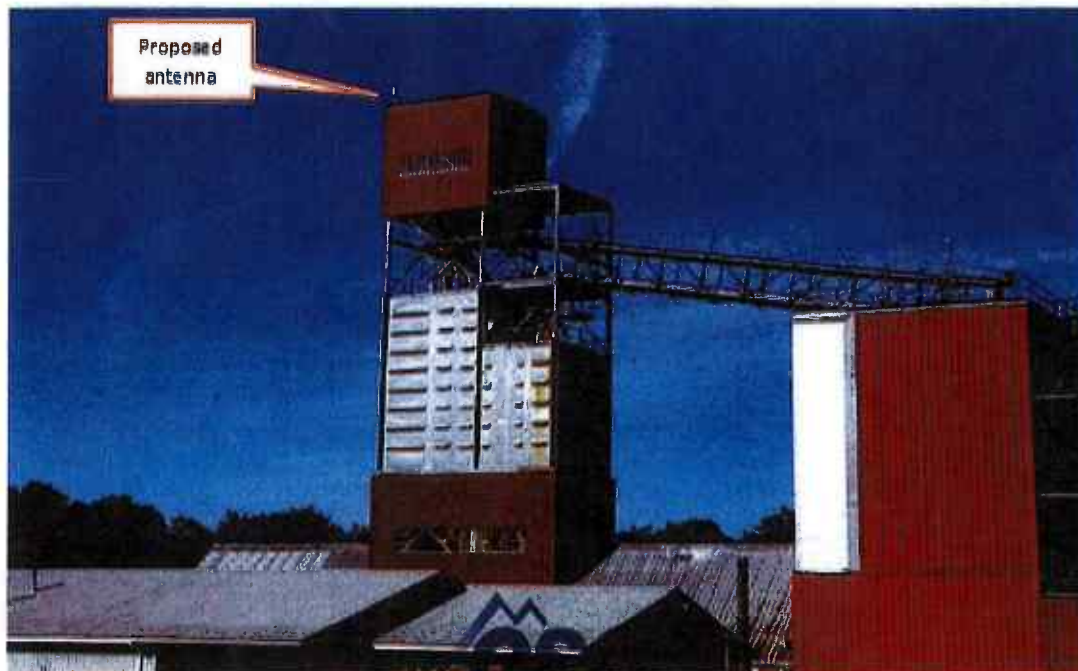
November 12, 2015

On October 7, 2015, the Connecticut Siting Council (Council) received a petition from Cellco Partnership d/b/a Verizon Wireless (Cellco) for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed installation of a small cell telecommunications facility located at 140 Franklin Turnpike (Route 32) in Franklin. Notice of the Petition was provided to the Town of Franklin, the property owner (D.W. Holdings, LLC), and abutting property owners. No comments have been received to date.

The proposed facility would provide 2100 MHz wireless service to the surrounding area and capacity relief to adjacent Cellco facilities. It consists of a single canister antenna and a remote radio head mounted on a pipe mast attached to the side of an abandoned 125-foot tall grain elevator. The canister antenna would extend 5 feet, 4 inches above the top of the grain elevator, to an overall height of 130 feet, 5 inches above ground level. A 2-foot GPS antenna would also be installed on top of the grain elevator. Ground equipment serving the antenna would be installed in the basement of an adjacent building. Power and telephone service would be connected to existing service inside the building.

The facility is located on a 6.7-acre commercially-zoned property in a commercial/industrial area along Route 32. Visibility of the facility would be from adjacent commercial areas along Route 32 and would be negligible as the facility appears to be part of the existing structure and is of small visual mass. No ground disturbance or clearing is necessary, as all improvements are located either on or inside existing structures. The maximum worst-case power density would be 0.26 percent of the applicable Federal Communications Commission limit. The facility would not be an aviation hazard and notice to the Federal Aviation Administration is not required.

Cellco contends that this proposed project would not have a substantial adverse environmental effect.



ATTACHMENT 2

verizon

NORTH FRANKLIN CT SC 2

140 ROUTE 32
 NORTH FRANKLIN, CT 06254
 PROJECT ID: 17037839
 PSLC: 467544

verizon
 VERIZON WIRELESS
 51 ALDER STREET
 MEDWAY, MA 02053

**NORTH FRANKLIN
 CT SC 2**

CONSTRUCTION DRAWINGS	
A	10/16/25 FOR SUBMITTAL

Dewberry
 Dewberry Engineers, Inc.
 2891 WASHINGTON STREET
 SUITE 700
 MEDWAY, MA 02053
 PHONE: 617.993.3000
 FAX: 617.993.3010



10/16/2025
 DRAWN BY: []
 REVISION BY: []
 CHECKED BY: []
 PROJECT NUMBER: 30121497
 JOB NUMBER: 30188518
 SITE ADDRESS: []

140 ROUTE 32
 NORTH FRANKLIN,
 CT 06254
 SHEET TITLE: []
 TITLE SHEET
 SHEET NUMBER: []

SHT. NO.	DESCRIPTION
T-1	TITLE SHEET
GH-1	GENERAL NOTES
C-1	SITE PLAN
C-2	EAST ELEVATION & ANTENNA PLANS
C-3	CONSTRUCTION DETAILS
C-4	GROUNDING DETAILS

SCOPE OF WORK

- REMOVE & REPLACE (1) CANTENNA ANTENNA.
- REMOVE (1) EXISTING RISER ON EXISTING UNSTRUCT RACK.
- INSTALL (2) RISERS ON EXISTING UNSTRUCT RACK.

NOTE:
 1. SCOPE OF WORK BASED ON ANTENNA RACK FOR ANTENNA. VERIFY SCOPE OF WORK WITH FINAL RFP'S PRIOR TO CONSTRUCTION.

VMI LOCATION CODE (PSLC): 467544
 FUZE PROJECT ID: 17037839

CONTRACTOR PMI REQUIREMENTS

THIS DOCUMENT WAS DEVELOPED TO REFLECT A SPECIFIC SITE AND/OR USER. IT IS NOT INTENDED TO BE USED FOR ANY OTHER SITE OR USER WITHOUT THE USER'S PERMISSION. THE USER OF THIS DOCUMENT IS AT THE SOLE RISK OF THE USER.

ADA COMPLIANCE: FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION.

PROJECT INFORMATION

ENGINEER: DEWBERRY ENGINEERS, INC.
 2891 WASHINGTON STREET
 SUITE 700
 MEDWAY, MA 02053
 PHONE #: (617) 993-3000
 CONTACT: BENJAMIN BEVETTE, P.E.

CONSTRUCTION: VERIZON WIRELESS
 51 ALDER STREET
 MEDWAY, MA 02053

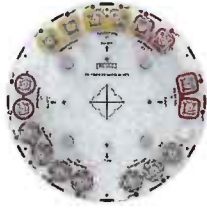
COORDINATES: 41° 43' 33" N (41.725833° N)
 72° 43' 53" W (-72.731389° W)
 *PER NOTES

GROUND ELEVATIONS: *PER GOOGLE EARTH



ATTACHMENT 3

NNVVS4-360S-BF2



16-port small cell antenna, 4x 698-896, 4x 1695-2690 and 8x Beamforming 3300- 4000, 360° Horizontal Beamwidth, fixed tilt.

- Two broadband low band arrays (Bands 12/13/29/14/5) with 4T4R (4X MIMO) capability
- Two broadband mid band arrays (Bands 25/66/30/40/41) with 4T4R (4X MIMO) capability
- 8T8R omni beamforming array with calibration port for 3.5 GHz (Bands 48, 77, 78)

General Specifications

Antenna Type	Small Cell
Band	Multiband
Calibration Connector Interface	4.3-10 Female
Calibration Connector Quantity	1
Color	Light Gray (RAL 7035)
Grounding Type	RF connector inner conductor and body grounded to reflector and mounting bracket
Performance Note	Outdoor usage
Radome Material	ASA
Radiator Material	Aluminum Low loss circuit board
Reflector Material	Aluminum
RF Connector Interface	4.3-10 Female
RF Connector Location	Bottom
RF Connector Quantity, high band	8
RF Connector Quantity, mid band	4
RF Connector Quantity, low band	4
RF Connector Quantity, total	16

Dimensions

Length	610 mm 24.016 in
Net Weight, antenna only	14.8 kg 32.628 lb
Outer Diameter	370 mm 14.567 in

Port Configuration

NNVVS4-360S-BF2



Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	1695 – 2690 MHz 3300 – 4000 MHz 698 – 896 MHz
Polarization	±45°
Total Input Power, maximum	1,200 W @ 50 °C

Electrical Specifications

	R1,R2	R1,R2	Y1-Y2	Y1-Y2	Y1-Y2	Y1-Y2	P1-P4	P1-P4	P1-P4
Frequency Band, MHz	698-806	806-896	1695-1920	1920-2180	2300-2360	2360-2690	3300-3550	3550-3700	3700-4000
RF Port	1-4	1-4	5-8	5-8	5-8	5-8	9-16	9-16	9-16
Gain, dBi	5.3	5.5	7.8	8.3	8.8	8.6	8.3	8.8	8.8
Beamwidth, Horizontal, degrees	360	360	360	360	360	360	360	360	360
Beamwidth, Vertical,	45.9	42	21	18.2	16.4	15.6	9.5	9	8.5

NNVVS4-360S-BF2

degrees

Beam Tilt, degrees	2	2	2	2	2	2	2	2	2
Coupling level, Amp, Antenna port to Cal port, dB							26	26	26
Coupling level, max Amp Δ, Antenna port to Cal port, dB							±2	±2	±2
Coupler, max Amp Δ, Antenna port to Cal port, dB							1	1	1
Coupler, max Phase Δ, Antenna port to Cal port, degrees							10	10	10
Isolation, Cross Polarization, dB	25	25	25	25	25	25	25	25	25
Isolation, Inter-band, dB	25	25	25	25	25	25	25	25	25
VSWR Return loss, dB	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153	-153	-153	-145	-145	-145
Input Power per Port at 50° C, maximum, watts	100	100	100	100	100	100	75	75	75

Electrical Specifications, Service Beam

Frequency Band, MHz	3300-3550	3550-3700	3700-4000
Steered 0° Gain, dBi	12.1	12.2	12.3
Steered 0° Beamwidth, Horizontal, degrees	63	63	61

Electrical Specifications, Broadcast 360°

Frequency Band, MHz	3300-3550	3550-3700	3700-4000
Gain, dBi	8.5	8.5	8.7
Beamwidth, Horizontal at 3 dB, degrees	360	360	360
Beamwidth, Vertical, degrees	9.6	8.7	8

Mechanical Specifications

Wind Loading @ Velocity, frontal	129.0 N @ 150 km/h (29.0 lbf @ 150 km/h)
Wind Loading @ Velocity, lateral	129.0 N @ 150 km/h (29.0 lbf @ 150 km/h)
Wind Loading @ Velocity, maximum	129.0 N @ 150 km/h (29.0 lbf @ 150 km/h)
Wind Loading @ Velocity, rear	129.0 N @ 150 km/h (29.0 lbf @ 150 km/h)

NNVVS4-360S-BF2

Wind Speed, maximum 241 km/h (150 mph)

Packaging and Weights

Width, packed 478 mm | 18.819 in

Depth, packed 464 mm | 18.268 in

Length, packed 894 mm | 35.197 in

Weight, gross 19 kg | 41.888 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



* Footnotes

Performance Note Severe environmental conditions may degrade optimum performance

700/850 4T4R Macro 320W ORU - New Filter (RF4461d-13A)

SAMSUNG

Specifications



Item	Specification
Air Interface Band	LTE NR(HW resource ready) Band5 (850MHz) DL: 869~894MHz UL: 824~849MHz 25MHz 25MHz
Frequency	Band13 (700MHz) DL: 746~756MHz UL: 777~787MHz 10MHz 10MHz
IBW	10MHz
OBW	10MHz
Carrier Bandwidth	LTE/NR 5*10MHz 2C*
# of carriers	4C + B13 (SDL) 1C 4T4R/2T4R/2T2R/1T2R 2T2R+2T2R bi-sector Total : 320W
RF Chain	4 x 40W or 2 x 60W
RF Output Power	4 x 40W or 2 x 60W
Spectrum Analyzer	TX/RX Support
RX Sensitivity	Typ. -104.5dBm @1Rx (25RBs 5MHz)
Modulation	256QAM support, (1024QAM with 1~2dB power back-off)
Input Power	-48VDC (-38VDC to -57VDC)
Power Consumption	1.165 Watt @ 100% RF load, room temperature
Size (WHD)	380 x 380 x 260 mm (14.96 x 14.96 x 10.23 inch)
Volume	37.5 L
Weight (W/o Solar Shield & finger guard)	35.9 kg (79.1 lb)
Operating Temperature	-40°C (-40°F) ~ 55°C (131°F) (Without solar load)
Cooling	Natural convection
Unwanted Emission	3GPP 36.104 FCC 47 CFR 27.53 (f)
CPRI Cascade	-69 dBm/100 kHz per path @ 896 ~901MHz FCC 47 CFR 22.917
Optic Interface	Not supported
RET & TMA Interface	20km, 2 ports (9.8Gbps x 2), SFP+, single mode Duplex (Option: Bi-di) AISG 3.0
Bias-T	4 ports (2 ports per band)
Mounting Options	Pole wall
NP-IOT	25A+26B or 26B+21B or 4GB
PIM Cancellation	Support
# of antenna port	4
External Alarm	Support
Fronthaul Interface	Opt. 8 CPRI / Opt. 7-2x selectable (not simultaneous support)
CPRI compression	Not Support

* 5MHz supporting in B13(700MHz) depends on 3GPP std. and UE capability.
External filters in interferer and victim sides for Mexican boarder to support 5MHz service need to be considered
** Finger guard is not needed.

Specifications

The following table outlines the main specifications of RT8808-77A.

Table 2. Specifications (RT8808-77A)

Item	RT8808-77A
Radio Technology	5G NR
Operating Frequency	3700 to 3980 MHz
Channel Bandwidth	20/40/60/80/100 MHz
RF Chain	<ul style="list-style-type: none"> • 8T8R, 4T4R+4T4R Bi-sector • 2T2R+2T2R+2T2R Tri-sector • 4T8R+4T8R split mode
RF Output Power	Max. 320W (8 x 40W)
Capacity	Total Max 2C
CPRI interface	15km, 2 ports (25Gbps x 2), SFP28, single mode, Bi-di (Option: Duplex)
Input Voltage	-48 V DC (-38 V DC to -57 V DC)
Power Consumption (Max.)	1,192 W (100% load, 25°C) (w/o RET)
Operating Humidity	5% to 100%RH (Condensing, not to exceed 30g/m3 absolute humidity)
Operating Temperature	-40°C to 55°C (without solar load)
Dimension (in./mm)	14.96/380 (W) × 6.82/173.3(D) × 14.96/380 (H)
Weight (kg)	27 or less than
Cooling	Natural convection
Waterproof/Dustproof	IP65
Wind Resistance	Telcordia GR-487-CORE Issue5 <ul style="list-style-type: none"> • Wind Resistance (Section 3.36)
Earthquake Specification	Telcordia GR-63-CORE, Issue5, <ul style="list-style-type: none"> □ Earthquake (Section 4.4.1)
Vibration Specification	Telcordia GR-63-CORE, Issue5, <ul style="list-style-type: none"> • Office Vibration (Section 4.4.4) • Transportation Vibration (Section 4.4.5)
Altitude	Telcordia GR-63-CORE, Issue5, <ul style="list-style-type: none"> • Altitude (Section 4.1.3)
EMC	FCC Title 47 CFR Part 15
RF	FCC Title 47 CFR Part 27, 24
Safety	UL 62368-1, 2nd Edition
Installation	Pole, Wall, Tower



The power consumption is predicted with a simulation and the measured value is subject to change by ±10%

ATTACHMENT 4



April 29, 2026

Verizon Wireless
51 Alder Street
Medway, MA 02053

Re: North Franklin CT SC 2 (Rev.1)
PLSC: 467544
Fuze #: 17037839
140 Route 32
North Franklin, CT

To Whom it May Concern,

Verizon Wireless has proposed to replace (1) existing cannister antenna and (1) existing remote radio head (RRH) with (1) new NNVVS4-360S-BF2 cannister antenna, (1) Samsung RF4461d-13A RRH and (1) Samsung RT-8808-77A RRH on the rooftop at the above referenced site. Verizon Wireless also has (1) existing OVP that is to remain. The proposed RRHs will be mounted on the existing Unistrut rack. The proposed cannister antenna will be mounted on the existing rooftop mount.

Dewberry Engineers Inc. (Dewberry) has reviewed the antenna design sheets (dated 04/02/25) provided by Verizon Wireless and has determined that the mount and existing building have adequate capacity to support the proposed equipment configuration. **The maximum utilization of the existing mount is 30.9%.** Dewberry assumes that the new antenna, RRHs and associated equipment are installed per the latest Construction Drawings by Dewberry.

This assessment is based on our visual inspection that the existing mount and building structure are in good condition and were constructed in conformance with all applicable state and local building codes. If, during construction, any damage, deterioration, and/or discrepancies are noticed, Dewberry is to be notified to assess any deviation from the assumed condition. Any alteration in equipment loading described above and on the associated plans will void any conclusions expressed herein and will require further analysis and design. No structural qualification is made or implied by this structural letter for existing structural members not supporting the proposed installation.

If you have any questions, please do not hesitate to call me at 617-531-0744.

Sincerely,
Dewberry Engineers Inc.



Brandon Kelsey, P.E.
Structural Project Engineer

04/29/2026



Dewberry Engineers, Inc.
Structural Analysis Summary Sheet

Job No.: 50121487/50189518 **By:** AMD **Date:** 04/28/26
Job Name: North Franklin CT SC 2 **Checked:** BGK **Date:** 04/29/26

Location: 140 Route 32, North Franklin, CT 06254
Client: Verizon Wireless

Scope of Work:

- Proposed installation of (1) NNVVS4-360S-BF2 cantenna on existing pipe mount.
- Proposed installation of (1) RT-8808-77A RRH and (1) RF4461d-13A RRH on Unistrut rack.

Codes / Standards / References:

- 2022 Connecticut State Building Code – Amendments to IBC 2021
- IBC 2021
- TIA-222-H
- ASCE 7-16
- AISC 15th Ed.
- RFDS dated 04/02/25
- Previous Structural Analysis Report by Dewberry Engineers, Inc. dated 09/08/15
- Site visit by Dewberry Engineers on 08/07/25
- Latest Construction Drawings by Dewberry Engineers

Design & Analysis Assumptions:

- Existing pipe is 11'-0" long 3'-1/2" OD Sch 40 pipe cantilevered at a maximum of 7'-6" above the roof line.
- Existing mount is 2' long 4"x4"x3/16" HSS attached to the existing girder beam below the roof line.
- Design and analysis are based on dead, wind, ice, service and seismic loads. The analysis checks for normal bending and shear stresses.

Conclusion / Recommendations:

- The existing structure has sufficient capacity to support the proposed installation.
- The existing mount and existing pipe mast have sufficient capacity to support the proposed installation.

(North Franklin CT) - Design Wind Load

Wind Load Design Criteria

Site Name: North Franklin CT

General Information & Design Input from TIA-222-H

Item	Value	Description	Reference
$V_{ult} =$	130.00	Ultimate Design Wind Speed (mph)	2022 CT Building Code
$V_i =$	50.00	Design Ice Wind Speed (mph)	ASCE 7-16 - Hazard Tool
$K_d =$	0.95	Wind Direction Probability Factor	Sect. 16.6, TIA
Class	II	Risk Category	Table 2-1, TIA
$I =$	1.00	Importance Factor (Ice Thickness)	Table 2-3, TIA
$z = h =$	133.58	ft. (A.G.L.)	Max. Center of Appurtenance
Exp. Cat.	C	Exposure Category	Sect. 2.6.5.1.2, TIA
$z_g =$	900.00	Exposure Category Coeff.	Table 2-4, TIA
$\alpha' =$	9.50	Exposure Category Coeff.	Table 2-4, TIA
$K_{z(min)} =$	0.85	Exposure Category Coeff.	Table 2-4, TIA
$K_z =$	1.35	$= 2.01(z/z_g)^{(2/\alpha')}$	Sect. 2.6.5.2, TIA
$e =$	2.72	Natural Logarithmic base	
$K_{zt} =$	1.00	$= [1+K_1*K_2*K_3]^2$	Sect. 2.6.6.2.2, TIA
$K_s =$	N/A	Rooftop Wind Speed-Up Factor	Sect. 2.6.7, TIA
$K_e =$	1.00	Ground Elevation Factor	Sect. 2.6.8, TIA
$K_{iz} =$	1.15	$= (z/33)^{0.10} \leq 1.4$ (Height escalation factor)	Sect. 2.6.10, TIA
$G_h =$	1.00	Gust Effect Factor	Sect. 16.6, TIA
$K_a =$	0.90	Shielding Factor	Sect. 16.6.1.2, TIA
$t_i =$	1.00	Design Ice Thickness	ASCE 7-16, Hazard Tool
$t_z =$	1.15	$= t_i(I)K_{iz}(K_{zt})^{0.35}$	Sect. 2.6.10, TIA
$q_{z design} =$	55.3 psf	$= 0.00256(K_z)(K_{zt})(K_s)(K_e)(K_d)(V^2)$	Sect. 2.6.11.6, TIA
$q_{z ice} =$	8.2 psf	$= 0.00256(K_z)(K_{zt})(K_s)(K_e)(K_d)(V_i^2)$	Sect. 2.6.11.6, TIA

Design Wind Forces:

Section 2.6.11.2

$$F_A = q_{z design} G_h (EPA)_A$$

(where $(EPA)_A =$ effective projected area of the appurtenance $= C_a A_a$)

$$F_{Ai} = q_{z ice} G_h (EPA)_{Ai}$$

(see calculation tables on following pages)

Design Ice Weight:

Section 2.6.10

$$F_i = [\pi(t_z)(D_c + t_{iz})] * 56 \text{ lb/ft}^3$$

(where $D_c =$ largest out to out dimension of member)

(see calculation tables on following pages)

(North Franklin CT) - Design Wind Load

Element Definition

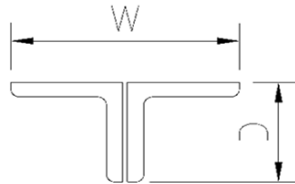
Description	Dimensions (in.)			Weight (lb)	Length / # Supports
	W	D	H		
NNVVS4-360S-BF2	14.60	14.60	24.00	32.20	1.00
STRUCTURAL MEMBERS					
Pipe 3 Std.	3.50	3.50	132.00	STAAD	Pipe
Pipe 3 Std.	3.50	3.50	132.00	STAAD	Pipe

(Mounting Pipe)

(See Note 2)

Note:

1) For Double Angles assume the following:



2) For mounting pipes that **do not** support equipment or portions which are not shielded by equipment, create an additional entry below.



V 1.3

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 Made by: AMD
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 Checked by: BGK
 Date: 10/10/25

(North Franklin CT) - Serviceability Wind Load

Serviceability Wind Load Design Criteria

General Information & Design Input from TIA-222-H

Item	Value	Description	Reference
$V_s =$	60.00	Service Wind Speed (mph)	Sect. 2.8.3, TIA
$V_m =$	30.00	Maintenance Wind Speed (mph)	Sect. 16.3, TIA
$K_d =$	0.95	Wind Direction Probability Factor	Sect. 16.6, TIA
Class	II	Risk Category	Table 2-1, TIA
$z = h =$	133.58	ft. (A.G.L.)	Max. Center of Appurtenance
Exp. Cat.	C	Exposure Category	Sect. 2.6.5.1.2, TIA
$Z_g =$	900.00	Exposure Category Coeff.	Table 2-4, TIA
$\alpha' =$	9.50	Exposure Category Coeff.	Table 2-4, TIA
$K_{z(\min)} =$	0.85	Exposure Category Coeff.	Table 2-4, TIA
$K_z =$	1.35	$= 2.01(z/Z_g)^{(2/\alpha')}$	Sect. 2.6.6.2.2, TIA
$K_{zt} =$	1.00	$= [1+K_1*K_2*K_3]^2$	Sect. 2.6.11.6, TIA
$K_s =$	N/A	Rooftop Wind Speed-Up Factor	Sect. 2.6.7, TIA
$K_e =$	1.00	Ground Elevation Factor	Sect. 2.6.8, TIA
$G_h =$	1.00	Gust Effect Factor	Sect. 16.6, TIA
$K_a =$	0.90	Shielding Factor	Sect. 16.6.1.2, TIA
$q_{z \text{ service}} =$	11.8 psf	$= 0.00256(K_z)(K_{zt})(K_s)(K_e)(K_d)(V_s^2)$	Sect. 2.6.11.6, TIA
$q_{z \text{ maint}} =$	3.0 psf	$= 0.00256(K_z)(K_{zt})(K_s)(K_e)(K_d)(V_m^2)$	Sect. 2.6.11.6, TIA

Design Serviceability and Maintenance Wind Forces:

Section 2.6.11.2

$$F_{As} = q_{z \text{ service}} G_h (EPA)_A$$

(where $(EPA)_A$ = effective projected area of the appurtenance = $C_a A_a$)

$$F_{Am} = q_{z \text{ maint}} G_h (EPA)_A$$

(see calculation tables on following pages)

(North Franklin CT) - Seismic Parameters
Seismic Load Design Criteria
General Information & Design Input from TIA-222-H

Item	Value	Description	Reference
Soil Class =	D	Seismic Soil Class	Web Soil Survey Site, TIA Table 2-10
S_{DS} =	0.208	Design Spectral Response Acceleration Parameter at Short Periods	2022 CT Building Code
A_s =	3	Amplification Factor For the Structure	Section 2.7.8.1, TIA
Class	II	Risk Category	Table 2-1, TIA
I =	1.00	Importance Factor (Seismic)	Table 2-3, TIA
R =	2	Response Modification Coefficient	Section 16.7, TIA
S_1 =	0.0530	Spectral Response Acceleration Parameter at a Period of 1 Second	2022 CT Building Code
C_{s1} =	0.1040	$(I \cdot S_{DS})/R$	Section 2.7.7.1.1, TIA
C_{s2} =	0.0092	Minimum Value of C_s $0.044 \cdot S_{DS} \cdot I$	Section 2.7.7.1.1, TIA
C_{s3} =	0.03	Minimum Value of C_s	Section 2.7.7.1.1, TIA
C_{s4} =	N/A	Minimum Value of C_s if $S_1 > 0.6$	Section 2.7.7.1.1, TIA
C_s =	0.1040	Design Spectral Response Acceleration Parameter at Short Periods	Section 2.7.7.1.1, TIA
p =	1.0	Redundancy Factor	Section 2.7.7, TIA
E_h (w/o Weight) =	0.3120	$= p \cdot A_s \cdot C_s$	Section 2.7.7, TIA
E_v (w/o DL) =	0.0416	$= 0.2 \cdot S_{DS}$	Section 2.7.6, TIA

Horizontal Seismic Load Effect
Section 2.7.7

$$E_h = pQ_E$$

$$E_h = pA_s C_s (\text{Weight})$$

*Total weight from structure is applied in STAAD

Vertical Seismic Load Effect
Section 2.7.6

$$E_v = 0.2S_{DS} (D + D_g)$$

$$E_v = 0.2S_{DS} (\text{DL})$$

*Dead load from structural is applied in STAAD



(North Franklin CT) - Load Input for STAAD Model

Job Number 50189518
 Made by: AMD
 Date: 10/09/25
 Checked by: BGK
 Date: 10/10/25

V 1.3

STAAD Gravity Load Input

Equipment	Dead Load (lb per support)	Ice Load (lb per support)
NNVS4-360S-BF2	32.2	61.3

STAAD Wind Load Calculation

Equipment	Axis	Case #1	Case #2	Case #3	Case #4	Case #5	Case #6	Case #7	Case #8	Case #9	Case #10	Case #11	Case #12
Not Shielded	Z	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°	330°
	X	-F ₀	-0.87F ₃₀ 0.50F ₃₀	-0.50F ₆₀ 0.87F ₆₀	- F ₉₀	0.50F ₆₀ 0.87F ₆₀	0.87F ₃₀ 0.50F ₃₀	Inverse of Case #1	Inverse of Case #2	Inverse of Case #3	Inverse of Case #4	Inverse of Case #5	Inverse of Case #6

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Client VZW	By AMD	Date 10/9/2025	Chd BGK	
File North Franklin CT.STD	Date Time 09-Oct-2025 15:59			

Job Information

	Engineer	Checked	Approved
Name:	AMD	BGK	BGK
Date:	10/9/2025	10/10/2025	10/10/2025

Comments:	
Structure Type:	SPACE FRAME

Geometry

Entity Type	Count	Highest
Nodes	7	7
Analytical Members	4	4

Load Cases

Load Case Type	Count
Primary	23
Combination	44

Included in this printout are data for:

All	The Whole Structure
-----	---------------------

Load Case Table

Included in this printout are results for load cases:

L/C	Type	Name
1	Primary	DEAD
2	Primary	WL#1
3	Primary	WL#2
4	Primary	WL#3
5	Primary	WL#4
6	Primary	WL#5
7	Primary	WL#6
8	Primary	DI
9	Primary	WLI#1
10	Primary	WLI#2
11	Primary	WLI#3
12	Primary	WLI#4
13	Primary	WLI#5

Job Title North Franklin CT SC 2

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Load Case Table Cont...

L/C	Type	Name
14	Primary	WLI#6
15	Primary	WLS#1
16	Primary	WLS#2
17	Primary	WLS#3
18	Primary	WLS#4
19	Primary	WLS#5
20	Primary	WLS#6
29	Primary	EH (X)
30	Primary	EH (Z)
31	Primary	EV
32	Combination	1.2D+1.0WL#1
33	Combination	1.2D+1.0WL#2
34	Combination	1.2D+1.0WL#3
35	Combination	1.2D+1.0WL#4
36	Combination	1.2D+1.0WL#5
37	Combination	1.2D+1.0WL#6
38	Combination	1.2D+1.0WL#7
39	Combination	1.2D+1.0WL#8
40	Combination	1.2D+1.0WL#9
41	Combination	1.2D+1.0WL#10
42	Combination	1.2D+1.0WL#11
43	Combination	1.2D+1.0WL#12
44	Combination	1.2D+1.0DI+1.0WI#1
45	Combination	1.2D+1.0DI+1.0WI#2
46	Combination	1.2D+1.0DI+1.0WI#3
47	Combination	1.2D+1.0DI+1.0WI#4
48	Combination	1.2D+1.0DI+1.0WI#5
49	Combination	1.2D+1.0DI+1.0WI#6
50	Combination	1.2D+1.0DI+1.0WI#7
51	Combination	1.2D+1.0DI+1.0WI#8
52	Combination	1.2D+1.0DI+1.0WI#9
53	Combination	1.2D+1.0DI+1.0WI#10
54	Combination	1.2D+1.0DI+1.0WI#11
55	Combination	1.2D+1.0DI+1.0WI#12

Job Title North Franklin CT SC 2

Part

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Client VZW

By AMD

Date 10/9/2025

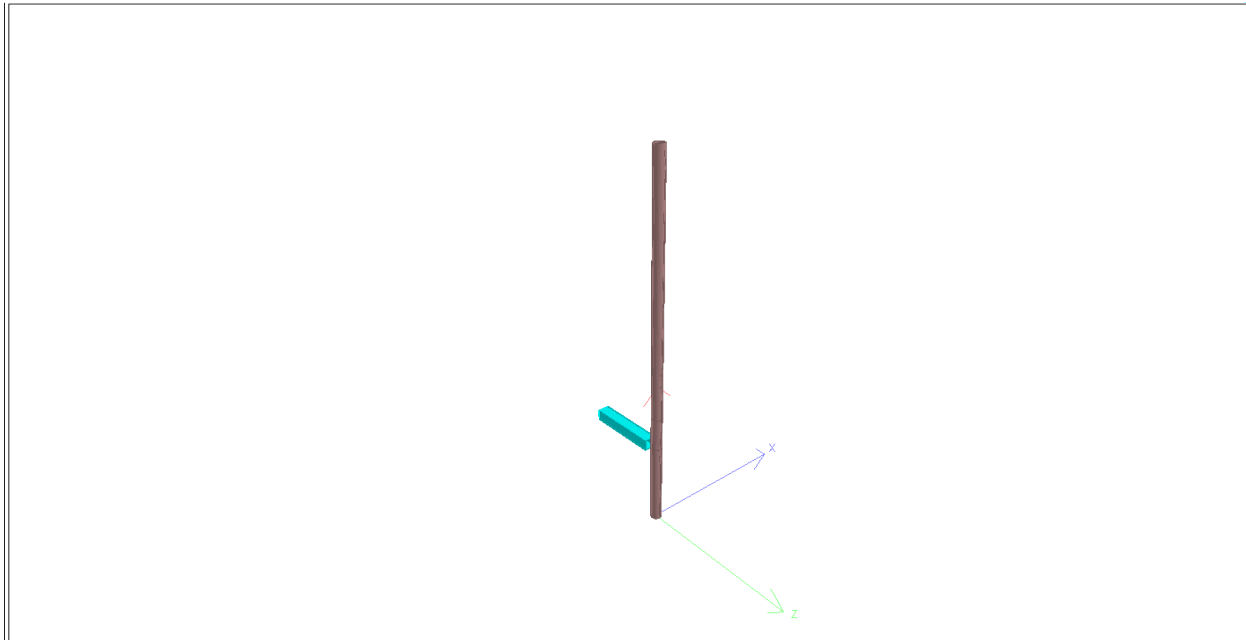
Chd BGK

File North Franklin CT.STD

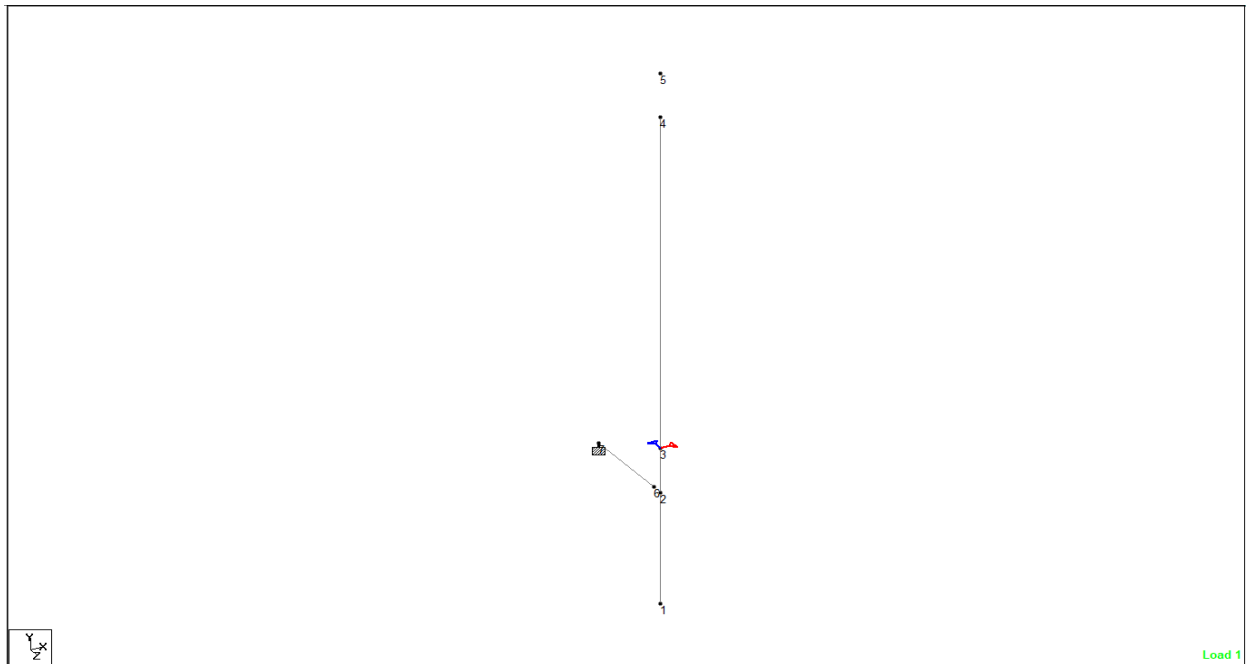
Date Time 09-Oct-2025 15:59

Load Case Table Cont...

L/C	Type	Name
56	Combination	1.0D+1.0WLS#1
57	Combination	1.0D+1.0WLS#2
58	Combination	1.0D+1.0WLS#3
59	Combination	1.0D+1.0WLS#4
60	Combination	1.0D+1.0WLS#5
61	Combination	1.0D+1.0WLS#6
62	Combination	1.0D+1.0WLS#7
63	Combination	1.0D+1.0WLS#8
64	Combination	1.0D+1.0WLS#9
65	Combination	1.0D+1.0WLS#10
66	Combination	1.0D+1.0WLS#11
67	Combination	1.0D+1.0WLS#12
82	Combination	1.2D+1.0EV+1.0EH(X)
83	Combination	1.2D+1.0EV-1.0EH(X)
84	Combination	1.2D+1.0EV+1.0EH(Z)
85	Combination	1.2D+1.0EV-1.0EH(Z)
86	Combination	1.2D-1.0EV+1.0EH(X)
87	Combination	1.2D-1.0EV-1.0EH(X)
88	Combination	1.2D-1.0EV+1.0EH(Z)
89	Combination	1.2D-1.0EV-1.0EH(Z)



3D Rendered View



Node Numbers

Job Title North Franklin CT SC 2

Part

Ref

Client VZW

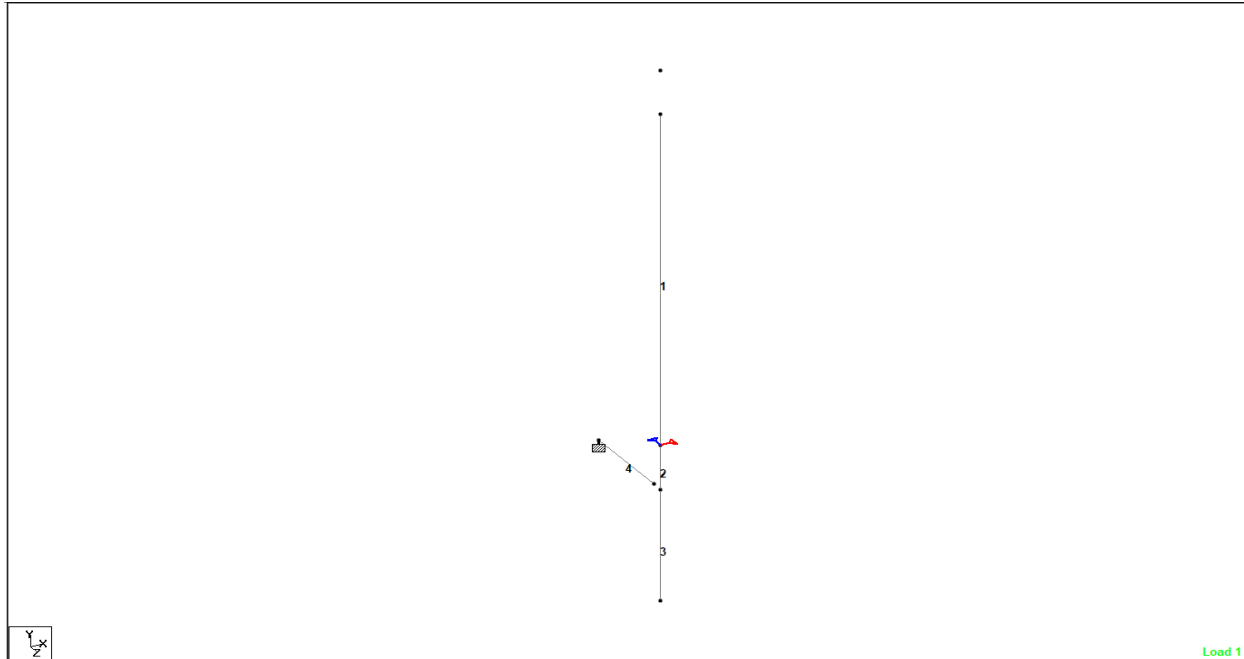
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Beam Numbers

Sections

Prop	Name	Area (in2)	Iyy (in4)	Izz (in4)	J (in4)	Material	Source
1	HSS4X4X.188	2.600	6.210	6.000	10.000	STEEL	Standard
2	PIPE3SCH40	2.100	3.000	3.000	6.034	STEEL	Standard

Materials

Mat	Name	E (kip/in2)	v	Density (kip/in3)	α (/°F)
1	STEEL	29,000.000	0.300	0.000	0.000

Supports

Node	X (kip/in)	Y (kip/in)	Z (kip/in)	rX (kip-ft/deg)	rY (kip-ft/deg)	rZ (kip-ft/deg)
3	Fixed	-	Fixed	-	-	-
7	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed

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Basic Load Cases

Primary Load Cases

Number	Name	Type
1	DEAD	Dead
2	WL#1	Wind
3	WL#2	Wind
4	WL#3	Wind
5	WL#4	Wind
6	WL#5	Wind
7	WL#6	Wind
8	DI	Ice
9	WLI#1	Wind on Ice
10	WLI#2	Wind on Ice
11	WLI#3	Wind on Ice
12	WLI#4	Wind on Ice
13	WLI#5	Wind on Ice
14	WLI#6	Wind on Ice
15	WLS#1	Wind
16	WLS#2	Wind
17	WLS#3	Wind
18	WLS#4	Wind
19	WLS#5	Wind
20	WLS#6	Wind
29	EH (X)	Seismic-H
30	EH (Z)	Seismic-H
31	EV	Seismic-H

Combination Load Cases

Comb.	Combination L/C Name	Primary	Primary L/C Name	Factor
32	1.2D+1.0WL#1	1	DEAD	1.200
		2	WL#1	1.000
33	1.2D+1.0WL#2	1	DEAD	1.200
		3	WL#2	1.000
34	1.2D+1.0WL#3	1	DEAD	1.200
		4	WL#3	1.000
35	1.2D+1.0WL#4	1	DEAD	1.200

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Combination Load Cases Cont...

Comb.	Combination L/C Name	Primary	Primary L/C Name	Factor
35	1.2D+1.0WL#4	5	WL#4	1.000
36	1.2D+1.0WL#5	1	DEAD	1.200
		6	WL#5	1.000
37	1.2D+1.0WL#6	1	DEAD	1.200
		7	WL#6	1.000
38	1.2D+1.0WL#7	1	DEAD	1.200
		2	WL#1	-1.000
39	1.2D+1.0WL#8	1	DEAD	1.200
		3	WL#2	-1.000
40	1.2D+1.0WL#9	1	DEAD	1.200
		4	WL#3	-1.000
41	1.2D+1.0WL#10	1	DEAD	1.200
		5	WL#4	-1.000
42	1.2D+1.0WL#11	1	DEAD	1.200
		6	WL#5	-1.000
43	1.2D+1.0WL#12	1	DEAD	1.200
		7	WL#6	-1.000
44	1.2D+1.0DI+1.0WI#1	1	DEAD	1.200
		9	WLI#1	1.000
		8	DI	1.000
45	1.2D+1.0DI+1.0WI#2	1	DEAD	1.200
		10	WLI#2	1.000
		8	DI	1.000
46	1.2D+1.0DI+1.0WI#3	1	DEAD	1.200
		11	WLI#3	1.000
		8	DI	1.000
47	1.2D+1.0DI+1.0WI#4	1	DEAD	1.200
		12	WLI#4	1.000
		8	DI	1.000
48	1.2D+1.0DI+1.0WI#5	1	DEAD	1.200
		13	WLI#5	1.000
		8	DI	1.000
49	1.2D+1.0DI+1.0WI#6	1	DEAD	1.200
		14	WLI#6	1.000

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Combination Load Cases Cont...

Comb.	Combination L/C Name	Primary	Primary L/C Name	Factor
49	1.2D+1.0DI+1.0WI#6	8	DI	1.000
50	1.2D+1.0DI+1.0WI#7	1	DEAD	1.200
		9	WLI#1	-1.000
		8	DI	1.000
51	1.2D+1.0DI+1.0WI#8	1	DEAD	1.200
		10	WLI#2	-1.000
		8	DI	1.000
52	1.2D+1.0DI+1.0WI#9	1	DEAD	1.200
		11	WLI#3	-1.000
		8	DI	1.000
53	1.2D+1.0DI+1.0WI#10	1	DEAD	1.200
		12	WLI#4	-1.000
		8	DI	1.000
54	1.2D+1.0DI+1.0WI#11	1	DEAD	1.200
		13	WLI#5	-1.000
		8	DI	1.000
55	1.2D+1.0DI+1.0WI#12	1	DEAD	1.200
		14	WLI#6	-1.000
		8	DI	1.000
56	1.0D+1.0WLS#1	1	DEAD	1.000
		15	WLS#1	1.000
57	1.0D+1.0WLS#2	1	DEAD	1.000
		16	WLS#2	1.000
58	1.0D+1.0WLS#3	1	DEAD	1.000
		17	WLS#3	1.000
59	1.0D+1.0WLS#4	1	DEAD	1.000
		18	WLS#4	1.000
60	1.0D+1.0WLS#5	1	DEAD	1.000
		19	WLS#5	1.000
61	1.0D+1.0WLS#6	1	DEAD	1.000
		20	WLS#6	1.000
62	1.0D+1.0WLS#7	1	DEAD	1.000
		15	WLS#1	-1.000
63	1.0D+1.0WLS#8	1	DEAD	1.000

Job Title North Franklin CT SC 2

Part

Ref

Client VZW

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Date 10/9/2025

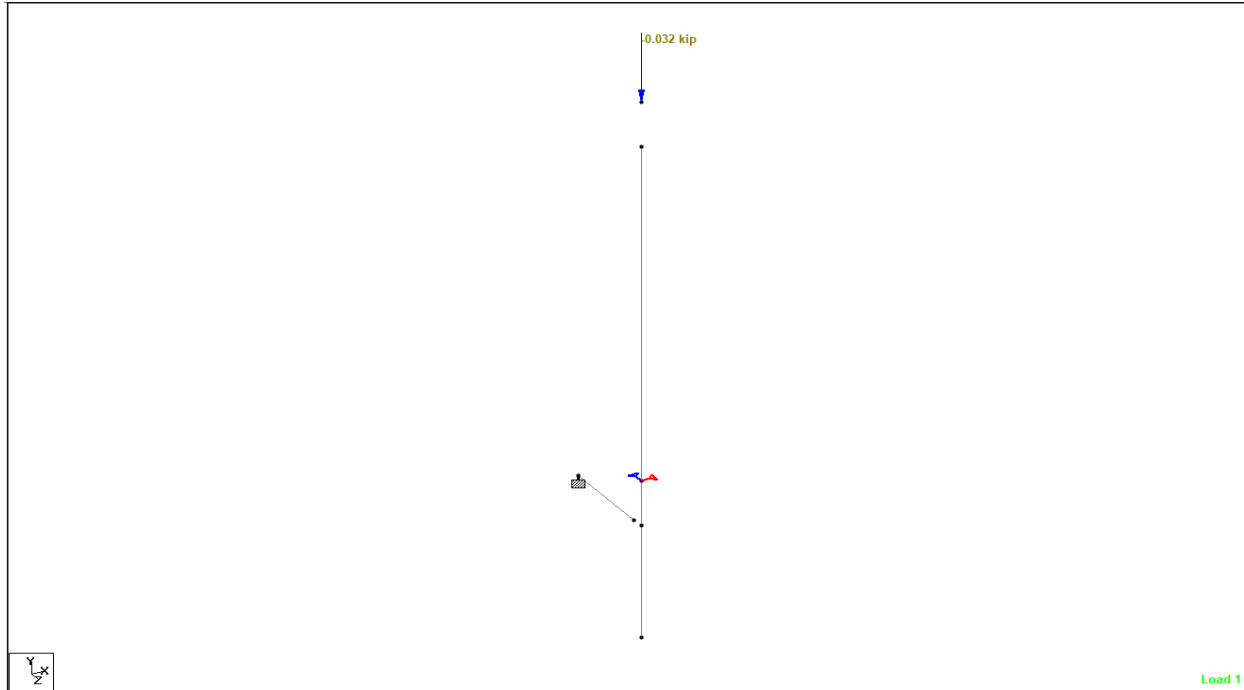
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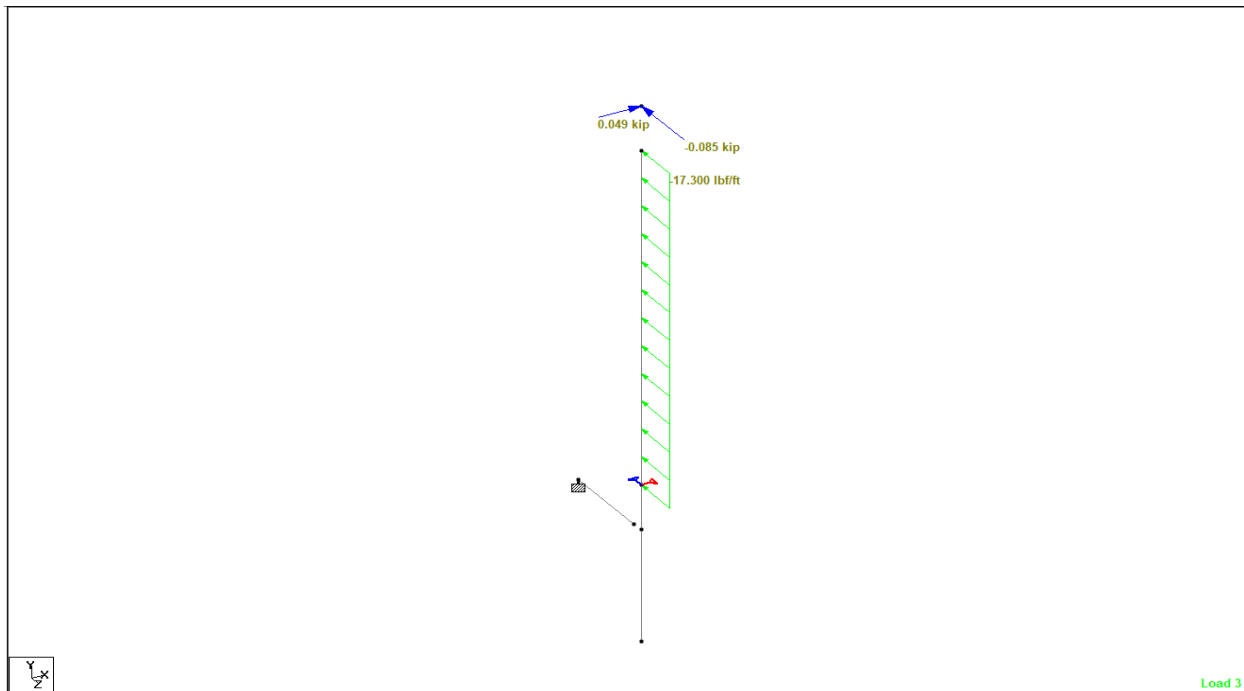
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Combination Load Cases Cont...

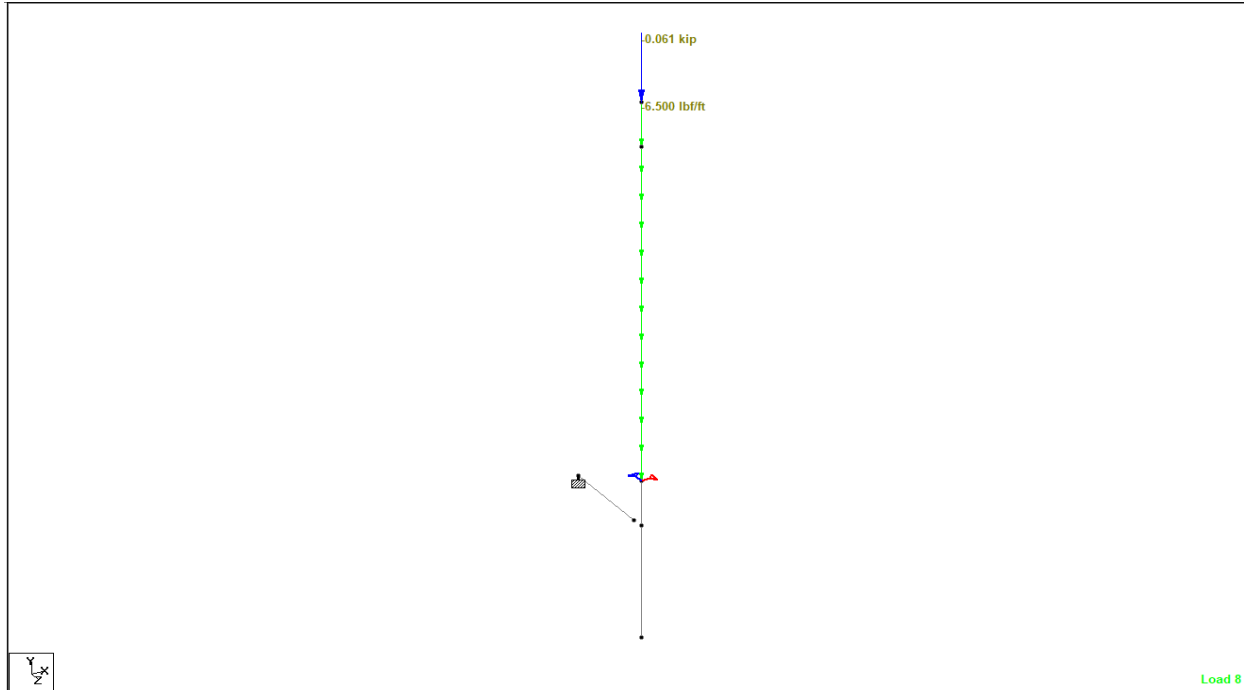
Comb.	Combination L/C Name	Primary	Primary L/C Name	Factor
63	1.0D+1.0WLS#8	16	WLS#2	-1.000
64	1.0D+1.0WLS#9	1	DEAD	1.000
		17	WLS#3	-1.000
65	1.0D+1.0WLS#10	1	DEAD	1.000
		18	WLS#4	-1.000
66	1.0D+1.0WLS#11	1	DEAD	1.000
		19	WLS#5	-1.000
67	1.0D+1.0WLS#12	1	DEAD	1.000
		20	WLS#6	-1.000
82	1.2D+1.0EV+1.0EH(X)	1	DEAD	1.200
		31	EV	1.000
		29	EH (X)	1.000
83	1.2D+1.0EV-1.0EH(X)	1	DEAD	1.200
		31	EV	1.000
		29	EH (X)	-1.000
84	1.2D+1.0EV+1.0EH(Z)	1	DEAD	1.200
		31	EV	1.000
		30	EH (Z)	1.000
85	1.2D+1.0EV-1.0EH(Z)	1	DEAD	1.200
		31	EV	1.000
		30	EH (Z)	-1.000
86	1.2D-1.0EV+1.0EH(X)	1	DEAD	1.200
		31	EV	-1.000
		29	EH (X)	1.000
87	1.2D-1.0EV-1.0EH(X)	1	DEAD	1.200
		31	EV	-1.000
		29	EH (X)	-1.000
88	1.2D-1.0EV+1.0EH(Z)	1	DEAD	1.200
		31	EV	-1.000
		30	EH (Z)	1.000
89	1.2D-1.0EV-1.0EH(Z)	1	DEAD	1.200
		31	EV	-1.000
		30	EH (Z)	-1.000



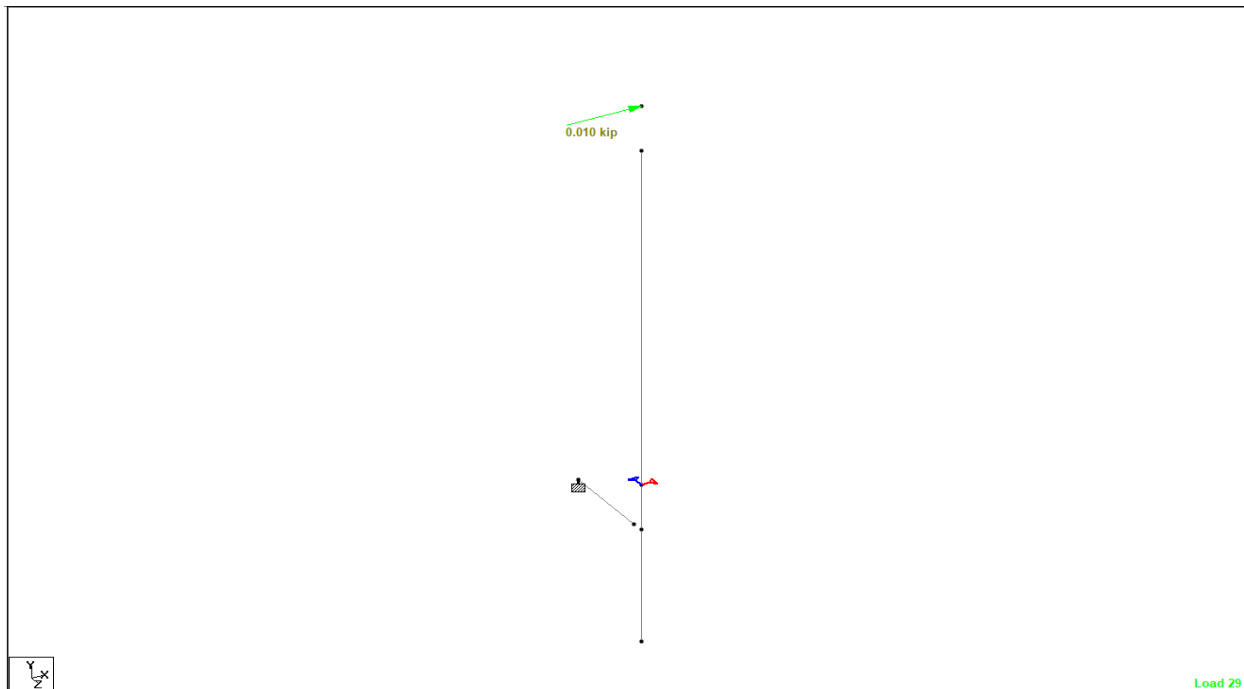
Dead Load



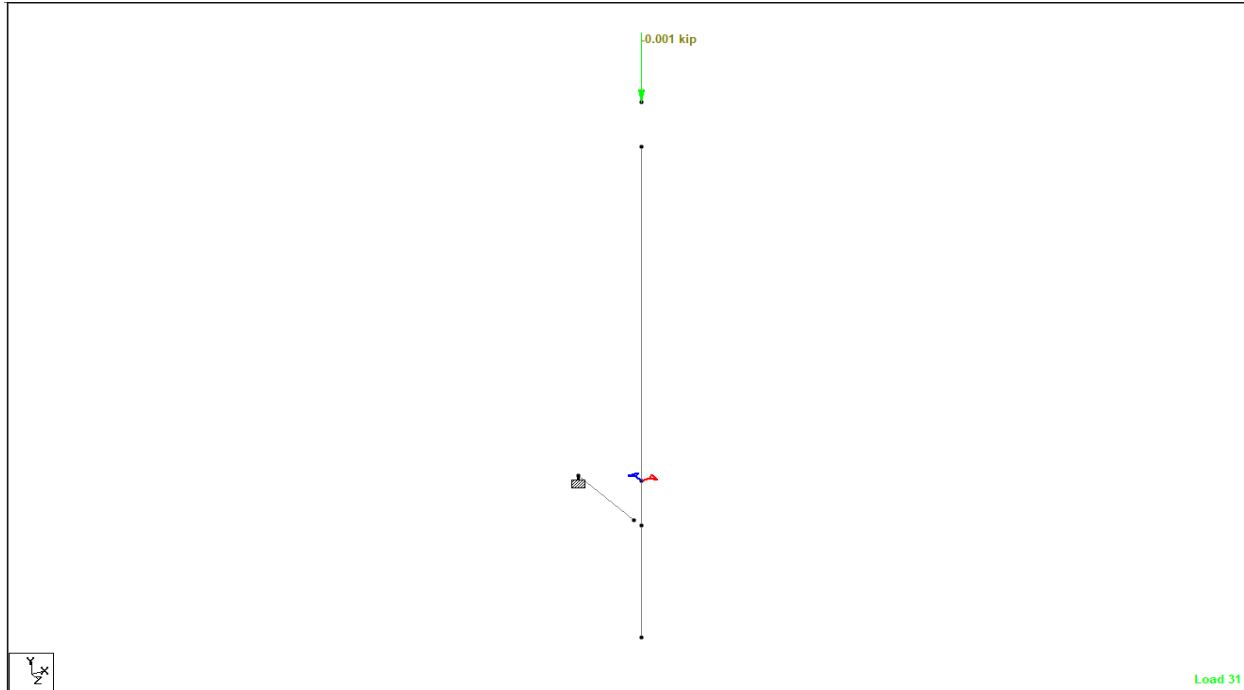
Wind Load (Typ.)



Ice Load



Seismic (Eh)



Seismic Load (Ev)

Utilization Ratio

Beam	Parameter	Analysis Property	Design Property	Status	Actual Ratio	Allowable Ratio	Normalized Ratio (Actual/Allowable)	Code	Clause	L/C
1	Parameter 1	PIPE3 SCH40	PIPE3 SCH40	PASS	0.309	1.000	0.309	360-22 L	Eq.H1 -1b	33
2	Parameter 1	PIPE3 SCH40	PIPE3 SCH40	PASS	0.309	1.000	0.309	360-22 L	Eq.H1 -1b	33
3	Parameter 1	PIPE3 SCH40	PIPE3 SCH40	PASS	0.001	1.000	0.001	360-22 L	Eq.H1 -1b	82
4	Parameter 1	HSS4 X4X.188	HSS4 X4X.188	PASS	0.140	1.000	0.140	360-22 L	Eq.H1 -1b	35

Failed Members

Beam	Parameter	Analysis Property	Design Property	Status	Actual Ratio	Allowable Ratio	Normalized Ratio (Actual/Allowable)	Code	Clause	L/C

Job Title North Franklin CT SC 2

Part

Ref

Client VZW

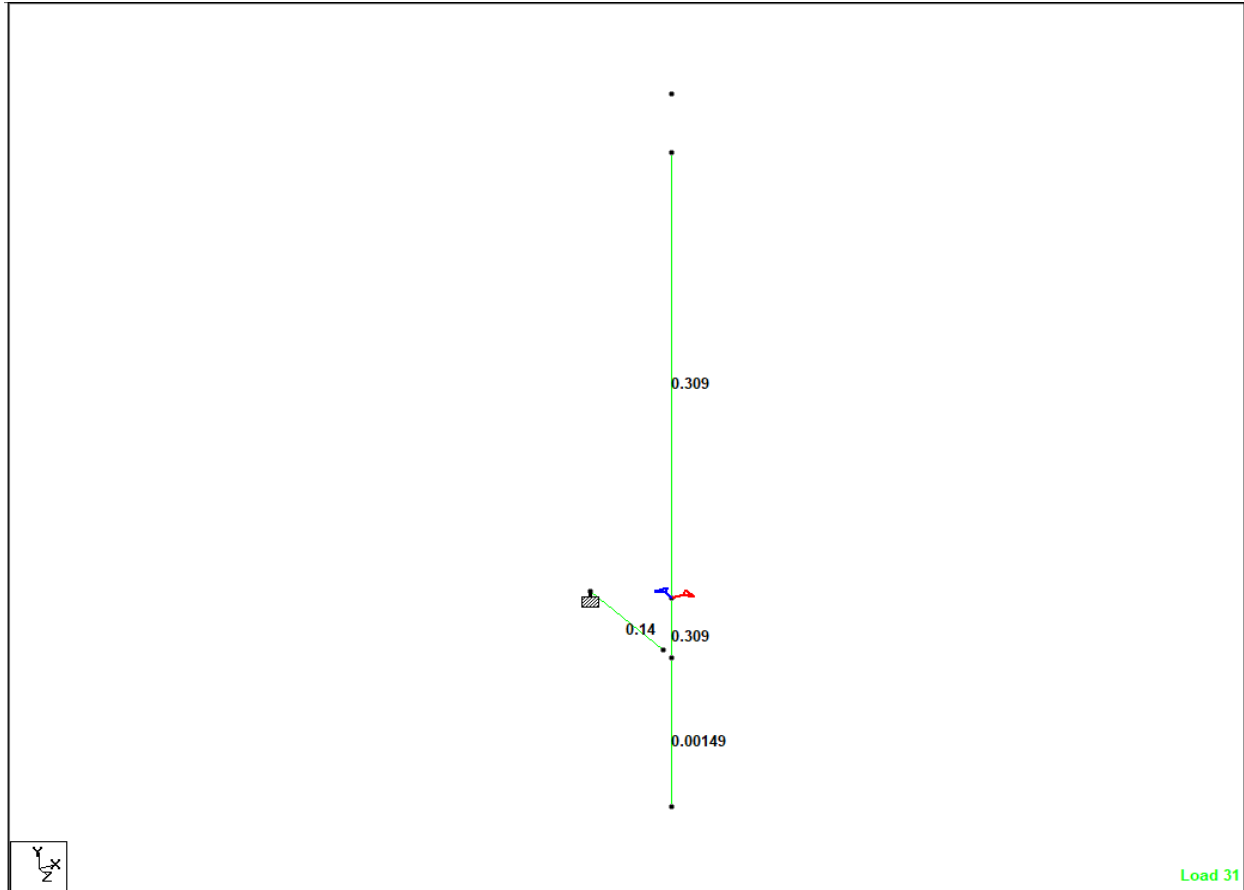
By AMD

Date 10/9/2025

Chd BGK

File North Franklin CT.STD

Date Time 09-Oct-2025 15:59



Utilization Ratio

Load 31

Bentley Software licensed to Dewberry Engineers Inc. Connected User: Ashley Deuschle		Job No. 50189518	Sheet No. 1	Rev 0
Job Title North Franklin CT SC 2		Part	Ref	
Client VZW		By AMD	Date 10/9/2025	Chd BGK
File North Franklin CT.STD		Date Time 09-Oct-2025 15:59		

Job Information

	Engineer	Checked	Approved
Name:	AMD	BGK	BGK
Date:	10/9/2025	10/10/2025	10/10/2025

Comments:	
Structure Type:	SPACE FRAME

Geometry

Entity Type	Count	Highest
Nodes	7	7
Analytical Members	4	4

Load Cases

Load Case Type	Count
Primary	23
Combination	44

Included in this printout are data for:

All	The Whole Structure
-----	---------------------

Load Case Table

Included in this printout are results for load cases:

L/C	Type	Name
56	Combination	1.0D+1.0WLS#1
57	Combination	1.0D+1.0WLS#2
58	Combination	1.0D+1.0WLS#3
59	Combination	1.0D+1.0WLS#4
60	Combination	1.0D+1.0WLS#5
61	Combination	1.0D+1.0WLS#6
62	Combination	1.0D+1.0WLS#7
63	Combination	1.0D+1.0WLS#8
64	Combination	1.0D+1.0WLS#9
65	Combination	1.0D+1.0WLS#10
66	Combination	1.0D+1.0WLS#11
67	Combination	1.0D+1.0WLS#12



Software licensed to Dewberry Engineers Inc.
 Connected User: Ashley Deuschle

Job No.

50189518

Sheet No.

2

Rev

0

Job Title North Franklin CT SC 2

Part

Ref

Client VZW

By AMD

Date 10/9/2025

Chd BGK

File North Franklin CT.STD

Date Time 09-Oct-2025 15:59

Node Displacement Summary

Type	Node	L/C	X (in)	Y (in)	Z (in)	Result ant (in)	rX (rad)	rY (rad)	rZ (rad)
Max X	5	59	0.251	-0.002	-0.002	0.251	0.000	0.000	-0.003
Min X	5	65	-0.251	-0.002	-0.002	0.251	0.000	0.000	0.003
Max Y	7	56	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min Y	4	56	0.000	-0.003	-0.157	0.157	-0.003	0.000	0.000
Max Z	5	62	0.000	-0.001	0.183	0.183	0.002	0.000	0.000
Min Z	5	56	0.000	-0.003	-0.187	0.187	-0.003	0.000	0.000
Max rX	4	62	0.000	-0.001	0.153	0.153	0.002	0.000	0.000
Min rX	4	56	0.000	-0.003	-0.157	0.157	-0.003	0.000	0.000
Max rY	1	65	0.021	-0.002	-0.002	0.021	0.000	0.000	0.000
Min rY	1	59	-0.021	-0.002	-0.002	0.021	0.000	0.000	0.000
Max rZ	4	65	-0.213	-0.002	-0.002	0.213	0.000	0.000	0.003
Min rZ	4	59	0.213	-0.002	-0.002	0.213	0.000	0.000	-0.003
Max Rst	5	59	0.251	-0.002	-0.002	0.251	0.000	0.000	-0.003

Allowable displacement per TIA = 7.5' x 0.015 = 1.35"
 0.251" < 1.35" OK

Bentley Software licensed to Dewberry Engineers Inc. Connected User: Ashley Deuschle		Job No. 50189518	Sheet No. 1	Rev 0
Job Title North Franklin CT SC 2		Part	Ref	
Client VZW		By AMD	Date 10/9/2025	Chd BGK
File North Franklin CT.STD		Date Time 09-Oct-2025 15:59		

Job Information

	Engineer	Checked	Approved
Name:	AMD	BGK	BGK
Date:	10/9/2025	10/10/2025	10/10/2025

Comments:	
Structure Type:	SPACE FRAME

Geometry

Entity Type	Count	Highest
Nodes	7	7
Analytical Members	4	4

Load Cases

Load Case Type	Count
Primary	23
Combination	44

Included in this printout are data for:

All	The Whole Structure
-----	---------------------

Load Case Table

Included in this printout are results for load cases:

L/C	Type	Name
32	Combination	1.2D+1.0WL#1
33	Combination	1.2D+1.0WL#2
34	Combination	1.2D+1.0WL#3
35	Combination	1.2D+1.0WL#4
36	Combination	1.2D+1.0WL#5
37	Combination	1.2D+1.0WL#6
38	Combination	1.2D+1.0WL#7
39	Combination	1.2D+1.0WL#8
40	Combination	1.2D+1.0WL#9
41	Combination	1.2D+1.0WL#10
42	Combination	1.2D+1.0WL#11
43	Combination	1.2D+1.0WL#12
44	Combination	1.2D+1.0DI+1.0WI#1

Job Title North Franklin CT SC 2

Part

Ref

Client VZW

By AMD

Date 10/9/2025

Chd BGK

File North Franklin CT.STD

Date Time 09-Oct-2025 15:59

Load Case Table Cont...

L/C	Type	Name
45	Combination	1.2D+1.0DI+1.0WI#2
46	Combination	1.2D+1.0DI+1.0WI#3
47	Combination	1.2D+1.0DI+1.0WI#4
48	Combination	1.2D+1.0DI+1.0WI#5
49	Combination	1.2D+1.0DI+1.0WI#6
50	Combination	1.2D+1.0DI+1.0WI#7
51	Combination	1.2D+1.0DI+1.0WI#8
52	Combination	1.2D+1.0DI+1.0WI#9
53	Combination	1.2D+1.0DI+1.0WI#10
54	Combination	1.2D+1.0DI+1.0WI#11
55	Combination	1.2D+1.0DI+1.0WI#12

Reaction Summary

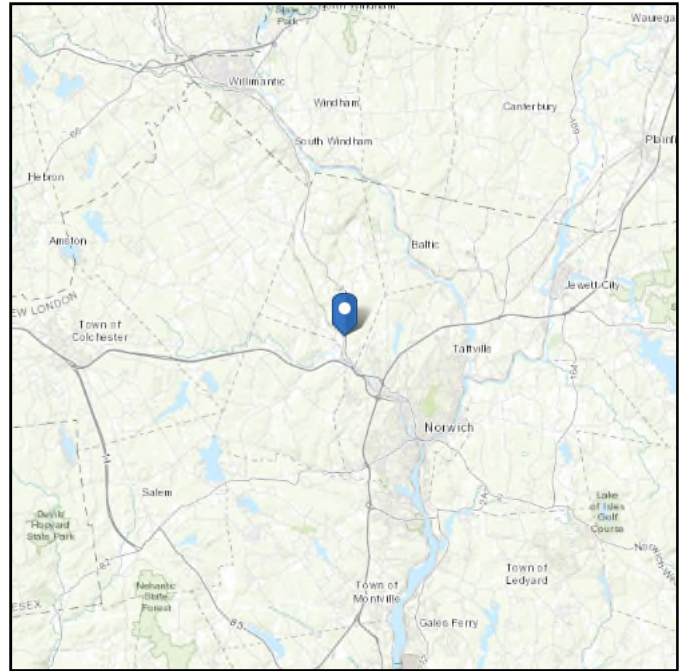
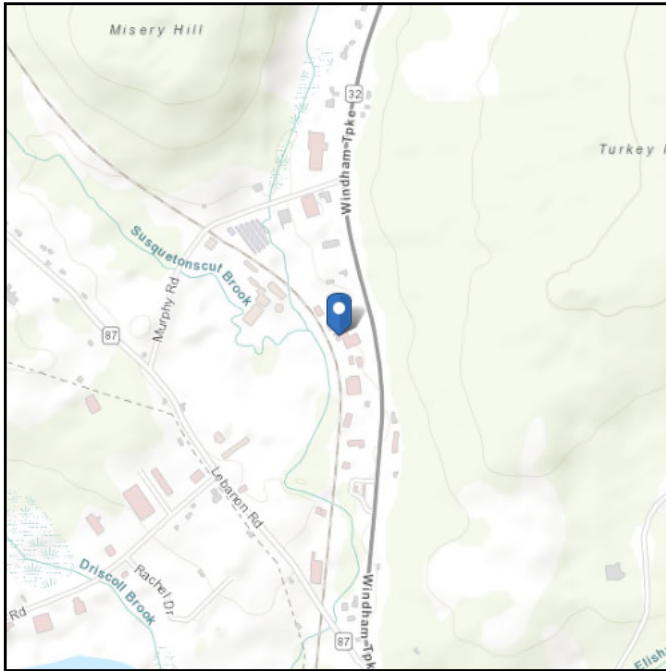
	Node	L/C	Horizontal FX (kip)	Vertical FY (kip)	Horizontal FZ (kip)	Moment MX MY MZ (kip-in)		
Max FX	3	41	0.929	0.000	-0.124	0.000	0.000	0.000
Min FX	3	35	-0.929	0.000	-0.124	0.000	0.000	0.000
Max FY	7	44	0.000	0.264	-0.152	-4.451	0.000	0.000
Min FY	3	32	0.000	0.000	1.513	0.000	0.000	0.000
Max FZ	7	38	0.000	0.154	1.533	-1.191	0.000	0.000
Min FZ	3	38	0.000	0.000	-1.760	0.000	0.000	0.000
Max MX	3	32	0.000	0.000	1.513	0.000	0.000	0.000
Min MX	7	44	0.000	0.264	-0.152	-4.451	0.000	0.000
Max MY	7	35	0.702	0.154	0.124	-2.353	18.965	7.324
Min MY	7	41	-0.702	0.154	0.124	-2.353	-18.965	-7.324
Max MZ	7	35	0.702	0.154	0.124	-2.353	18.965	7.324
Min MZ	7	41	-0.702	0.154	0.124	-2.353	-18.965	-7.324

ASCE Hazards Report

Address:
No Address at This Location

Standard: ASCE/SEI 7-16
Risk Category: II
Soil Class: D - Default (see Section 11.4.3)

Latitude: 41.578684
Longitude: -72.133162
Elevation: 141.2212361955886 ft (NAVD 88)



Wind

Results:

Wind Speed	123 Vmph	130 mph per CT 2022
10-year MRI	75 Vmph	
25-year MRI	85 Vmph	
50-year MRI	95 Vmph	
100-year MRI	101 Vmph	

Data Source: ASCE/SEI 7-16, Fig. 26.5-1B and Figs. CC.2-1–CC.2-4, and Section 26.5.2

Date Accessed: Thu Oct 09 2025

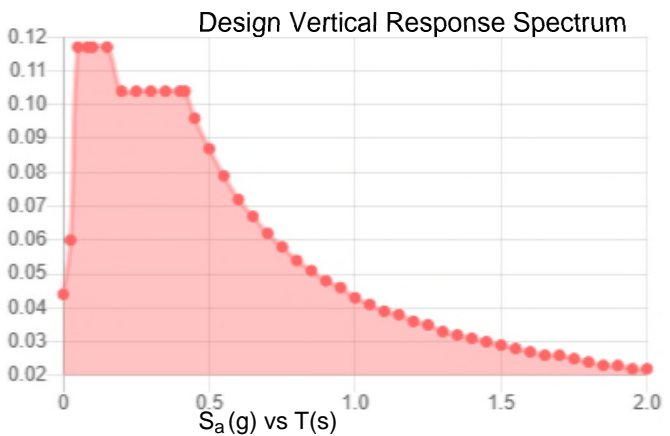
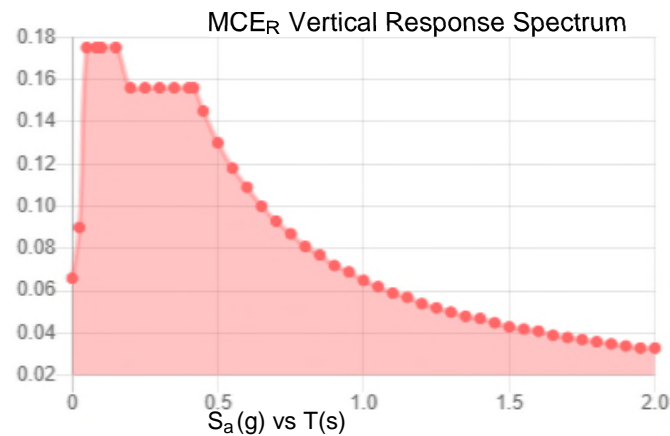
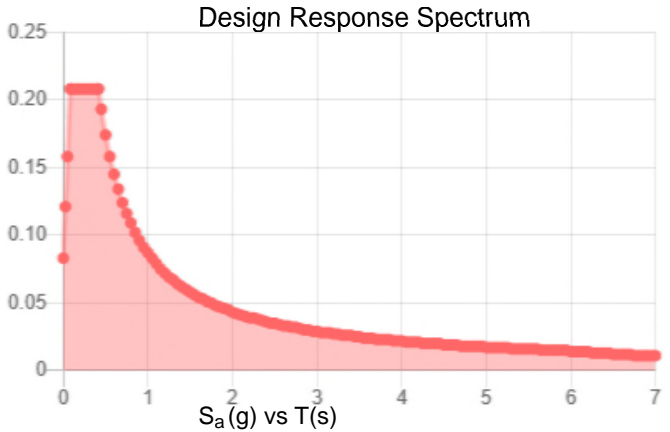
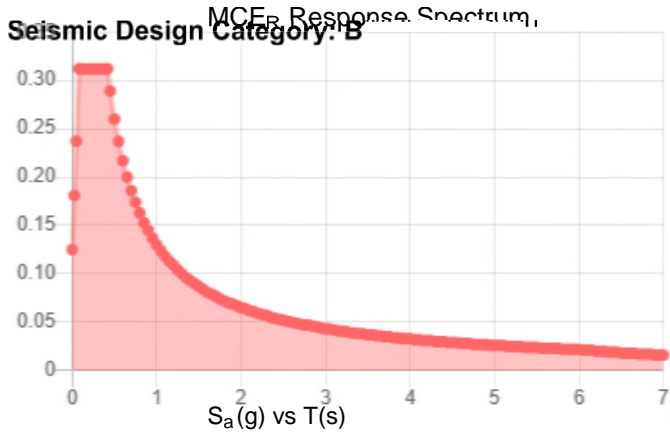
Value provided is 3-second gust wind speeds at 33 ft above ground for Exposure C Category, based on linear interpolation between contours. Wind speeds are interpolated in accordance with the 7-16 Standard. Wind speeds correspond to approximately a 7% probability of exceedance in 50 years (annual exceedance probability = 0.00143, MRI = 700 years).

Site is in a hurricane-prone region as defined in ASCE/SEI 7-16 Section 26.2. Glazed openings need not be protected against wind-borne debris.

Site Soil Class: D - Default (see Section 11.4.3)

Results:

S_s :	0.195	0.191*	S_{D1} :	0.087	*per CT 2022
S_1 :	0.054	0.053*	T_L :	6	
F_a :	1.6		PGA :	0.107	
F_v :	2.4		PGA _M :	0.17	
S_{MS} :	0.312		F_{PGA} :	1.586	
S_{M1} :	0.13		I_e :	1	
S_{DS} :	0.208		C_v :	0.7	



Data Accessed: Thu Oct 09 2025

Date Source:
 USGS Seismic Design Maps based on ASCE/SEI 7-16 and ASCE/SEI 7-16 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-16 Ch. 21 are available from USGS.

Ice

Results:

Ice Thickness: 1.00 in.
Concurrent Temperature: 15 F
Gust Speed 50 mph

Data Source: Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8

Date Accessed: Thu Oct 09 2025

Ice thicknesses on structures in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

Values provided are equivalent radial ice thicknesses due to freezing rain with concurrent 3-second gust speeds, for a 500-year mean recurrence interval, and temperatures concurrent with ice thicknesses due to freezing rain. Thicknesses for ice accretions caused by other sources shall be obtained from local meteorological studies. Ice thicknesses in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

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NORTHEAST > North East > New England > Wallingford-1 > NORTH FRANKLIN CT SC 2 - A

Paradis, Ray - ray.paradis@verizonwireless.com - 20250402_121013

Project Details		Location Information	
Carrier Aggregation	N	Site Id	5001737
Ecip	N	Search Ring#	
Project Name	RADIO SWAP	E-NodeB ID#	064852
Project Alt Name	NORTH FRANKLIN CT SC 2 - ESNAP	PSLC#	467544
Project Id	17037839	Switch Name	Wallingford-1
Designed Sector Carrier 4G	2	Tower Type	
Designed Sector Carrier 5G	1	Site Type	SMALL-CELL
Additional Sector Carrier 4G	0	Street Address	140 Route 32
Additional Sector Carrier 5G	0	City	North Franklin
Suffix	REV0	State	CT
FP Solution Type & Tech Type	MODIFICATION;4G_700;4G_850;5G_L-Su b6;4G_Radio Swap	Zip Code	06254
		County	New London
		Latitude	41.578684/ 41° 34' 43.262"
		Longitude	-72.133162/ 72° 7' 59.383"

Project Scope	
Remove AWS	
Add 700/850 add CBAND	

Antenna Summary

Added Antenna

700	850	AWS	L-Sub6	Make	Model	Centerline	Tip Height	Azimuth	Install Type	Quantity
LTE	LTE		5G	CommScope	NNVVS4-360S-BF2	133.7	134.7	0(A)	PHYSICAL	1

Removed Antenna

700	850	AWS	L-Sub6	Make	Model	Centerline	Tip Height	Azimuth	Install Type	Quantity
		LTE		ANDREW	NH180QS-DG-F0M	133.7	134.9	270(A)	PHYSICAL	1

Retained Antenna

700	850	AWS	L-Sub6	Make	Model	Centerline	Tip Height	Azimuth	Install Type	Quantity

Added: 1	Removed: 1	Retained: 0
----------	------------	-------------

Non Antenna Summary

Added Non Antenna

Equipment Type	Location	700	850	AWS	L-Sub6	Make	Model	Install Type	Quantity
RRU	Tower	LTE	LTE			Samsung	RF4461d-13A	PHYSICAL	1
RRU	Tower				5G	Samsung	RT-8808-77A	PHYSICAL	1

Removed Non Antenna

Equipment Type	Location	700	850	AWS	L-Sub6	Make	Model	Install Type	Quantity
RRU	Tower			LTE		Nokia	UHIC B4 RRH 2x60-4R	PHYSICAL	1

Retained Non Antenna

Equipment Type	Location	700	850	AWS	L-Sub6	Make	Model	Install Type	Quantity
----------------	----------	-----	-----	-----	--------	------	-------	--------------	----------

Added: 2

Removed: 1

Retained: 0

700 LTE		Services	
0000 (309890)		0002 (9121098)	
Sector	01		
Azimuth	0		
Cell/Enodeb-Id	064852		
Antenna Model	NNVVS4-360S-BF2		
Antenna Make	CommScope		
Centerline	133.7		
DLEARFCN	5230		
Mech Down-tilt	0		
Elect Down-tilt	2		
Tip Height	134.7		
Regulatory Power	12.96 (W/MHz) ERP		
Transmitter Max Power	47.8 dBm		
TMA Make			
TMA Model			
RRU Make	Samsung		
RRU Model	RF4461d-13A		
Number of Tx,Rx	2 , 4		
Operational Port Count	null		
Position	1		
Transmitter Id	23785379		
Source	VZNPP		
Bandwidth	10		
Ant. Dimensions H x W x D(inch)	24.0 x 14.6 x 14.6		
Weight(lb)	32.2		

Services	
850 LTE	0000 (309890) 0002 (9121098)
Sector	01
Azimuth	0
Cell/Enodeb-Id	064852
Antenna Model	NNVVS4-360S-BF2
Antenna Make	CommScope
Centerline	133.7
DLEARFCN	2450
Mech Down-tilt	0
Elect Down-tilt	2
Tip Height	134.7
Regulatory Power	120.23
Transmitter Max Power	47.8 dBm
TMA Make	
TMA Model	
RRU Make	Samsung
RRU Model	RF4461d-13A
Number of Tx,Rx	2 , 4
Operational Port Count	null
Position	1
Transmitter Id	23785378
Source	VZNPP
Bandwidth	10
Ant. Dimensions H x W x D(inch)	24.0 x 14.6 x 14.6
Weight(lb)	32.2

AWS LTE		Services	
		0000 (309890)	0002 (9121098)
Sector	01		
Azimuth	270		
Cell/Enodeb-Id	064852		
Antenna Model	NH180QS-DG-F0M		
Antenna Make	ANDREW		
Centerline	133.7		
DLEARFCN	2050		
Mech Down-tilt	0		
Elect Down-tilt	0		
Tip Height	134.9		
Regulatory Power	36.12 (W/MHz) EIRP		
Transmitter Max Power	47.8 dBm		
TMA Make			
TMA Model			
RRU Make	Nokia		
RRU Model	UHIC B4 RRH 2x60-4R		
Number of Tx,Rx	2 , 2		
Operational Port Count	null		
Position	1		
Transmitter Id	1960656		
Source	VZNPP		
Bandwidth	20		
Ant. Dimensions H x W x D(inch)	28.69 x 11.99 x 16.0		
Weight(lb)	25.32		

Services	
CBAND NR	0000 (309890) 0002 (9121098)
Sector	0001
Azimuth	0
Cell/Enodeb-Id	0064852
Antenna Model	NNVVS4-360S-BF2
Antenna Make	CommScope
Centerline	133.7
DLEARFCN	650006, 655324
Mech Down-tilt	0
Elect Down-tilt	2
Tip Height	134.7
Regulatory Power	60.72 (W/MHz) EIRP, 101.21 (W/MHz) EIRP
Transmitter Max Power	55.03 dBm
TMA Make	
TMA Model	
RRU Make	Samsung
RRU Model	RT-8808-77A
Number of Tx,Rx	2, 2
Operational Port Count	8
Position	1
Transmitter Id	23785380
Source	VZNP
Bandwidth	100, 60
Ant. Dimensions H x W x D(inch)	24.0 x 14.6 x 14.6
Weight(lb)	32.2

Call Signs Per Antenna

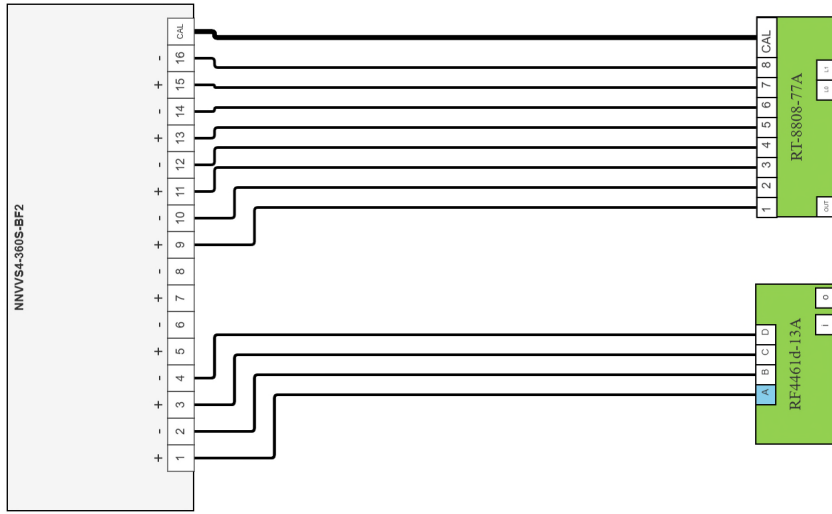
Sector	Make	Model	Ant Cl Height AG	Ant Tip Height	Azimuth	Elect Down-tilt	Mech Down-tilt	Gain	Bandwidth	Regulator y Power	700	850	1900	2100	28 GHz	31 GHz	39 GHz	LSub-6	CBRS
01	CommScope	NNVVS4-360 S-BF2	133.7	134.7	0	2	0	3.07	360	12.96	WQJQ689								
01	CommScope	NNVVS4-360 S-BF2	133.7	134.7	0	2	0	3.2	360	120.23		KNKA745							
0001	CommScope	NNVVS4-360 S-BF2	133.7	134.7	0	2	0	10.63	360	60.72								WRNE581,WRNE582,WRNE583,WRNE584,WRNE585	
0001	CommScope	NNVVS4-360 S-BF2	133.7	134.7	0	2	0	10.63	360	101.21								WRNE585,WRNE586,WRNE587,WRNE58	

Call Signs

Call Sign	Market	Radio Code	Market #	Block	State	County	License Name	Wholly Owner	Total MHz	Freq Range 1	Freq Range 2	Freq Range 3	Freq Range 4	Regulatory Power	Threshold (W)	POPs/Sq. mil	Status	Action	Approve for Insvic
WQJQ689	Northeast	WU	REA001	C	CT	9011	Cellico Partnersh ip	Yes	22.000	746.000 - 787.000/.000 - .000	776.000 - 787.000/.000 - .000	746.000 - 787.000/.000 - .000	776.000 - 787.000/.000 - .000	12.96	1000	403.90	proposed	added	1
KNKA745	New London-No rwich, CT	CL	CMA154	A	CT	9011	Cellico Partnersh ip	Yes	25.000	824.000 - 835.000/8 45.000 - 846.500	869.000 - 880.000/8 90.000 - 891.500	824.000 - 835.000/8 45.000 - 846.500	869.000 - 880.000/8 90.000 - 891.500	120.23	500	403.90	proposed	added	1
WQGD494	New London-No rwich, CT	AW	CMA154	A	CT	9011	Cellico Partnersh ip	Yes	20.000	1710.000 - 1720.000/.000 - .000	2110.000 - 2120.000/.000 - .000	1710.000 - 1720.000/.000 - .000	2110.000 - 2120.000/.000 - .000	120.23	1640	403.90	proposed	removed	1
WRNE581	New York, NY	PM	PEA001	A1	CT	9011	Cellico Partnersh ip	Yes	20.000	3700.000 - 3720.000/.000 - .000	3700.000 - 3720.000/.000 - .000	3700.000 - 3720.000/.000 - .000	3700.000 - 3720.000/.000 - .000	60.72	1640	403.90	proposed	added	1
WRNE582	New York, NY	PM	PEA001	A2	CT	9011	Cellico Partnersh ip	Yes	20.000	3720.000 - 3740.000/.000 - .000	3720.000 - 3740.000/.000 - .000	3720.000 - 3740.000/.000 - .000	3720.000 - 3740.000/.000 - .000	60.72	1640	403.90	proposed	added	1
WRNE583	New York, NY	PM	PEA001	A3	CT	9011	Cellico Partnersh ip	Yes	20.000	3740.000 - 3760.000/.000 - .000	3740.000 - 3760.000/.000 - .000	3740.000 - 3760.000/.000 - .000	3740.000 - 3760.000/.000 - .000	60.72	1640	403.90	proposed	added	1
WRNE584	New York, NY	PM	PEA001	A4	CT	9011	Cellico Partnersh ip	Yes	20.000	3760.000 - 3780.000/.000 - .000	3760.000 - 3780.000/.000 - .000	3760.000 - 3780.000/.000 - .000	3760.000 - 3780.000/.000 - .000	60.72	1640	403.90	proposed	added	1
WRNE585	New York, NY	PM	PEA001	A5	CT	9011	Cellico Partnersh ip	Yes	20.000	3780.000 - 3800.000/.000 - .000	3780.000 - 3800.000/.000 - .000	3780.000 - 3800.000/.000 - .000	3780.000 - 3800.000/.000 - .000	101.21	1640	403.90	proposed	added	1
WQGA906	New York-No. New Jer.-Long Island, NY-NJ-CT-PA-MA-	AW	BEA010	B	CT	9011	Cellico Partnersh ip	Yes	20.000	1720.000 - 1730.000/.000 - .000	2120.000 - 2130.000/.000 - .000	1720.000 - 1730.000/.000 - .000	2120.000 - 2130.000/.000 - .000	101.21	1640	403.90	proposed	removed	1
WRNE586	New York, NY	PM	PEA001	B1	CT	9011	Cellico Partnersh ip	Yes	20.000	3800.000 - 3820.000/.000 - .000	3800.000 - 3820.000/.000 - .000	3800.000 - 3820.000/.000 - .000	3800.000 - 3820.000/.000 - .000	101.21	1640	403.90	proposed	added	1
WRNE587	New York, NY	PM	PEA001	B2	CT	9011	Cellico Partnersh ip	Yes	20.000	3820.000 - 3840.000/.000 - .000	3820.000 - 3840.000/.000 - .000	3820.000 - 3840.000/.000 - .000	3820.000 - 3840.000/.000 - .000	101.21	1640	403.90	proposed	added	1
WRNE588	New York, NY	PM	PEA001	B3	CT	9011	Cellico Partnersh ip	Yes	20.000	3840.000 - 3860.000/.000 - .000	3840.000 - 3860.000/.000 - .000	3840.000 - 3860.000/.000 - .000	3840.000 - 3860.000/.000 - .000	101.21	1640	403.90	proposed	added	1

Alpha (Proposed)

Position 1



Sector design

Shelter

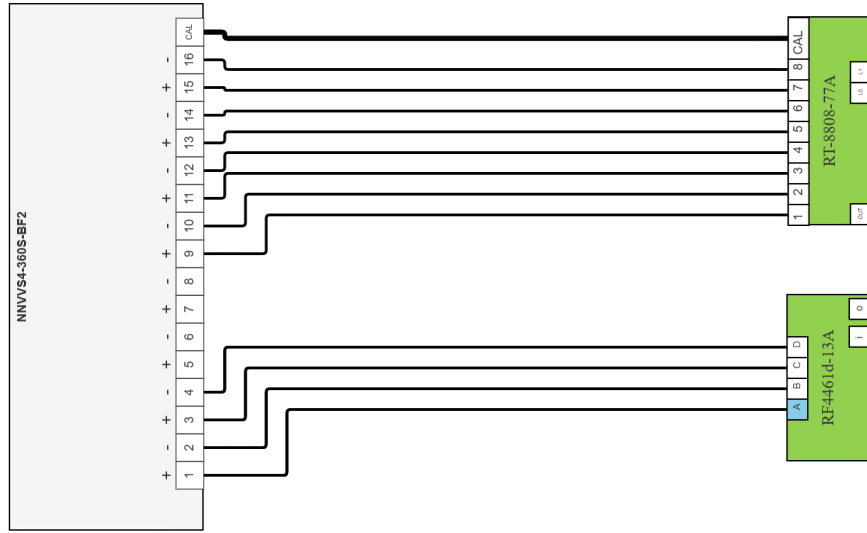
Legends	
RET dc signal capable port	700/850(LB)
	700(LT)
	850(CB)
	AWS(AW)
	PCS(PC)
	AWS/PCS(HB)
	28GHz(U28)
	39GHz(U39)
	L-Sub6(S6)
	CBRS(RS)
	LAA(LA)
	Fiber
	AISG
	DC
	Coax
	Coax Jumper
	Sectors Shared Equipments

Notes:

- Antenna view is from the back of the antennas
- Colors of connections are just for clarification
- Size of objects in drawing doesn't reflect equipment true dimensions

Alpha (Proposed)

Position 1



Sector design

Shelter

ATTACHMENT 5

ATTACHMENT 6

KENNETH C. BALDWIN

One State Street
Hartford, CT 06103
Main (860) 275-8200
Fax (860) 275-8299
kbaldwin@rc.com
Direct (860) 275-8345

Also admitted in Massachusetts

May 4, 2026

Via Certificate of Mailing

Judi Novosad, First Selectman
Town of Franklin
7 Meetinghouse Hill Road
Franklin, CT 06254

Re: Cellco Partnership d/b/a Verizon Wireless – Petition for Declaratory Ruling Filed with the Connecticut Siting Council for the Modifications to an Existing Wireless Telecommunications Facility at 140 Route 32, Franklin, Connecticut

Dear First Selectman Novosad:

This firm represents Cellco Partnership d/b/a Verizon Wireless (“Cellco”). Today, Cellco filed a Petition for Declaratory Ruling (“Petition”) with the Connecticut Siting Council (“Council”) seeking approval for modifications to its existing wireless telecommunications facility at 140 Route 32 in Franklin (the “Property”).

The proposed modifications will involve the replacement of a cannister antenna and remote radio head (“RRH”) at the top of the existing grain elevator. Cellco will install a new cannister antenna and two new RRHs.

A copy of the full Petition is attached for your review. If you have any questions regarding this Petition, please contact me or the Siting Council directly at (860) 827-2935.

Sincerely,



Kenneth C. Baldwin

Attachment

34471095-v1

KENNETH C. BALDWIN

One State Street
Hartford, CT 06103
Main (860) 275-8200
Fax (860) 275-8299
kbaldwin@rc.com
Direct (860) 275-8345

Also admitted in Massachusetts

May 4, 2026

Via Certificate of Mailing

Ronald Chalecki, Zoning Enforcement Officer
Town of Franklin
7 Meetinghouse Hill Road
Franklin, CT 06254

Re: Cellco Partnership d/b/a Verizon Wireless – Petition for Declaratory Ruling Filed with the Connecticut Siting Council for the Modifications to an Existing Wireless Telecommunications Facility at 140 Route 32, Franklin, Connecticut

Dear Mr. Chalecki:

This firm represents Cellco Partnership d/b/a Verizon Wireless (“Cellco”). Today, Cellco filed a Petition for Declaratory Ruling (“Petition”) with the Connecticut Siting Council (“Council”) seeking approval for modifications to its existing wireless telecommunications facility at 140 Route 32 in Franklin (the “Property”).

The proposed modifications will involve the replacement of a cannister antenna and remote radio head (“RRH”) at the top of the existing grain elevator. Cellco will install a new cannister antenna and two new RRHs.

A copy of the full Petition is attached for your review. If you have any questions regarding this Petition, please contact me or the Siting Council directly at (860) 827-2935.

Sincerely,



Kenneth C. Baldwin

Attachment

34471124-v1

May 4, 2026

Via Certificate of Mailing

DW Holdings LLC
140 Route 32
Franklin, CT 06254

Re: Cellco Partnership d/b/a Verizon Wireless – Petition for Declaratory Ruling Filed with the Connecticut Siting Council for the Modifications to an Existing Wireless Telecommunications Facility at 140 Route 32, Franklin, Connecticut

Dear Sir or Madam:

This firm represents Cellco Partnership d/b/a Verizon Wireless (“Cellco”). Today, Cellco filed a Petition for Declaratory Ruling (“Petition”) with the Connecticut Siting Council (“Council”) seeking approval for modifications to its existing wireless telecommunications facility at 140 Route 32 in Franklin (the “Property”).

The proposed modifications will involve the replacement of a cannister antenna and remote radio head (“RRH”) at the top of the existing grain elevator. Cellco will install a new cannister antenna and two new RRHs.

A copy of the full Petition is attached for your review. If you have any questions regarding this Petition, please contact me or the Siting Council directly at (860) 827-2935.

Sincerely,



Kenneth C. Baldwin

Attachment

ATTACHMENT 7

May 4, 2026

Via Certificate of Mailing

«Name_and_Address»

Re: Cellco Partnership d/b/a Verizon Wireless – Petition for Declaratory Ruling Filed with the Connecticut Siting Council for the Modifications to an Existing Wireless Telecommunications Facility at 140 Route 32, Franklin, Connecticut

Dear «Salutation»:

This firm represents Cellco Partnership d/b/a Verizon Wireless (“Cellco”). Today, Cellco filed a Petition for Declaratory Ruling (“Petition”) with the Connecticut Siting Council (“Council”) seeking approval for modifications to its existing wireless telecommunications facility at 140 Route 32 in Franklin (the “Property”).

The proposed modifications will involve the replacement of a cannister antenna and remote radio head (“RRH”) at the top of the existing grain elevator. Cellco will install a new cannister antenna and two new RRHs.

This notice is being sent to you because you are identified on the Town Assessor’s records as an owner of land that abuts the Property. If you have any questions regarding the Petition, the Council’s process for reviewing the Petition or the details of the filing itself, please feel free to contact me at the number listed above. You may also contact the Council directly at 860-827-2935.

Sincerely,



Kenneth C. Baldwin

Attachment

**NORTH FRANKLIN
 CT SC 2**

CONSTRUCTION DRAWINGS	
A	10/16/25 FOR SUBMITTAL

Dewberry
 Dewberry Engineers, Inc.
 20 SUMNER STREET
 SUITE 700
 MEDWAY, MA 02053
 PHONE 617 895-3400
 FAX 617 895-3318



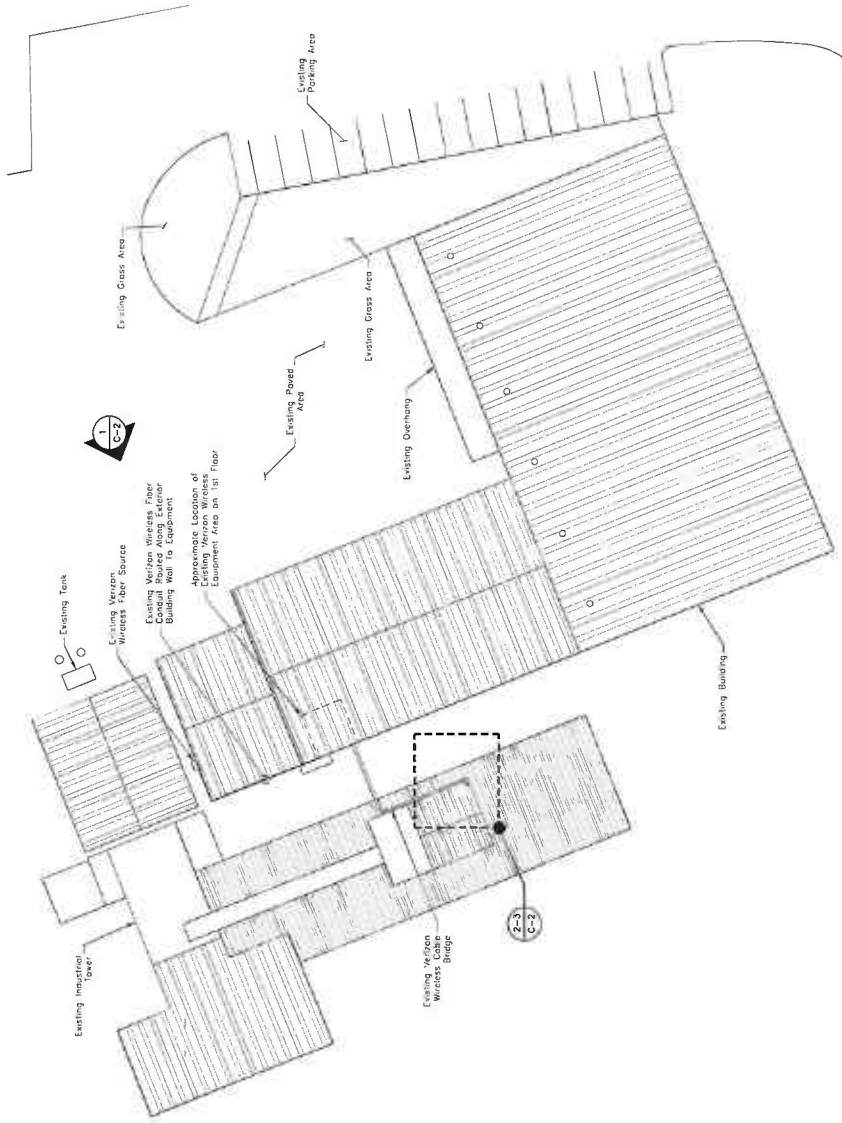
DATE: 10/16/2025
 DRAWN BY: FG
 REVIEWED BY: KE/OAS
 CHECKED BY: BBR
 PROJECT NUMBER: 50121487
 JOB NUMBER: 50189518
 SITE ADDRESS:

140 ROUTE 32
 NORTH FRANKLIN,
 CT 06254

SHEET TITLE: _____
 SITE PLAN
 SHEET NUMBER: _____

C-1

FRANKLIN TPKE



SITE PLAN
 SCALE: 1"=40' FOR 11'-0"
 1"=20' FOR 22'-0"



- NOTES:
1. NORTH SHOWN AS APPROXIMATE.
 2. SOME EXISTING AND PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
 3. CONDITIONS OF ALL UTILITIES, PIPES, EQUIPMENT, ETC. TO BE BASED ON STRUCTURAL ANALYSIS BY DEWBERRY ENGINEERS INC. DATED 10/10/25.
 4. ALL PROPOSED ROOF WORK TO BE COMPLETED BY LANDLORD APPROVED ROOFER.
 5. SITE PLAN & ELEVATION BASED ON EXISTING PLANS BY DEWBERRY ENGINEERS INC. DATED 09/30/2016 & SITE VISIT BY DEWBERRY ENGINEERS INC. ON 09/07/2025.
 6. CONTRACTOR TO INSPECT/DOCUMENT ROOF CONDITIONS PRIOR TO EQUIPMENT INSTALLATION. NOTIFY BUILDING OWNER AND VERIZON WIRELESS CM PRIOR TO EQUIPMENT INSTALLATION.

CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS

ABUTTING PROPERTY OWNERS

140 ROUTE 32, FRANKLIN, CONNECTICUT

	Property Address	Owner's and Mailing Address
1.	135 Route 32	Route 32 Associates LLC c/o Howard Safenowitz 1933 Cold Canyon Road Calabasas, CA 91302
2.	122 Route 32	DW Holding LLC 140 Route 32 Franklin, CT 06254
3.	39 Murphy Road	Hillanddale Farms Conn LLC Attn: Orland Bethel 370 Spicer Road Gettysburg, PA 17385
4.	158 Route 32	Ralph G. Fargo, Jr. 270 Bozrah Street Bozrah, CT 06334
5.	152 Route 32	Matthew and Maura Biekert 152 Route 32 Franklin, CT 06254
6.	Railroad ROW	New England Central Railroad, Inc. c/o Genesee & Wyoming Inc. Corporate Headquarters 66 Field Point Road Greenwich, CT 06830
7.	45 Lebanon Road	Linda Adelman 34 Bozrah Street Bozrah, CT 06334