DDS- Planning & Zoning: Plan Review Application



Submission date: 2 February 2021, 6:19AM

Receipt number: 133

Application Type

Check all that apply: Special Permit

Property Information

Property Address: 891 West Blvd (aka 873 West Blvd), Hartford, CT

06105, USA Map

(41.7610655, -72.7093005)

Zoning District: NX-2 Neighborhood Mix

Parcel ID: 135-385-190

Property Owner: 873WB.COM LLC

Address of Property Owner: 203 West 90th Street, Suite 2H, New York, NY 10024

Email:

Applicant

Name of Applicant: Robinson + Cole LLP, C/O Kenneth C. Baldwin, Esq.

File Date: **02/02/2021**

Address: 280 Trumbull, 280 Trumbull St, Hartford, CT 06103,

USA Map

(41.7684022, -72.6745227)

Phone: **860.275.8200**

Email: kbaldwin@rc.com

Primary Point of Contact

Name: Kenneth C. Baldwin, Esq.

Phone: **860.275.8200**

Email kbaldwin@rc.com

Project Narrative

Please describe your application action(s) and provide as much detail as possible. Attach additional pages if necessary:

see attached

Zoning Map Change Application

Proposed Zone:

Describe the existing use of land and buildings in the zone change area:

Reason for this request:

Zoning Appeal Application

Are you an aggrieved party?

Permit or Violation Number:

State your reason for appealing the decision of the administrator or enforcement officer:

Variance Application

Please state the paticular hardship* or unnecessary difficulty that prompts this application and the site the section of the zoning regulations that you are seeking relief from:

Subdivision Application

Number of lots to be created:

Area of each lot in square feet:

Street frontage of each of the new lots in feet:

Lot Combination Application

Addresses of lots to be combined

Map/Block/Lot for each property to be combined:

Liquor Permit Application

Please upload a copy of your State of CT Liquor Permit below.

Sign Permit Application

1. Is this sign proposed outside of the building line?

Maximum extention from building line:

2. Is this sign proposed outside of the street line?

Maximum extension from the Street line

- 3. Is the sign luminated?
- 4. Engineer Name (if any):

Phone:

Address:

- 5. Minimum distance from lowest point to the sidewalk:
- 6. Maximum height of sign from lowest point of established grade:
- 7. Distance from the nearest outdoor sign:
- 8. Square feet of surface for one face of the sign:
- 9. Wording of the sign (include all words):

Description of work (upload additional files if necessary)

2021-0127_Hartford 15_ZD Rev0 (20083.03) SS.pdf

873WB.com_Hartford_15_CT__LOA.pdf

20200407_132622.jpg

20200407_132447.jpg

20200407_132749.jpg

20200407_132441.jpg

20200514_100740.jpg

20200514_112831.jpg

20200514_111553.jpg

20200514_111558.jpg

20200514_100735.jpg

checklist.pdf

873-WEST-BLVD-ALTA2016-Model.pdf

Kunie mu

Signatures

Signature of Applicant

Uploaded signature image: kenneth c baldwin

signature.png

Printed Name of Applicant:

Kenneth C. Baldwin

Date:	02/02/2021	
Signature of Property Owner:	see allached	
	Link to signature	
Printed Name of Property Owner:	Gordon Drucker	
Date:	02/02/2021	

873wb.com LLC

891 West Boulevard Hartford, CT 06105 (860) 909-8999

Mr. Timothy Parks Cellco Partnership d/b/a Verizon Wireless 20 Alexander Drive Wallingford, CT 06492

December 15, 2020

RE: Cellco Partnership d/b/a Verizon Wireless Rooftop antenna installation and ground equipment at 891 West Boulevard, Hartford, CT

Dear Mr. Parks:

873WB.com LLC is the owner of the above referenced property. This letter authorizes Robinson & Cole, LLP and SAI Group Inc. to file for all necessary administrative approvals, zoning approvals and building permits (local, state and federal) for the purposes of upgrading, installing, operating and maintaining a telecommunications facility at the site/property referenced above on behalf of Verizon Wireless.

All fees or charges associated with any applications or permits, and any conditions placed on the Applicant shall be the responsibility of Verizon Wireless, its subsidiaries and/or agents.

Sincerely,

Gordon Drucker

Property Manager

Executive Realty

CITY OF HARTFORD PLANNING & ZONING COMMISISON

APPLICATION FOR SPECIAL PERMIT BY CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS

PROJECT DESCRIPTION

Cellco Partnership d/b/a Verizon Wireless ("Cellco") intends to install a wireless telecommunications facility on the roof of the five-story residential apartment building (Unit A) at 873-891 West Boulevard in Hartford, Connecticut (the "Property"). The Property is identified as Lot MBLU 135-385-190 on the Hartford Tax Assessment Map and is in the NX-2 Neighborhood Mix zone district. T-Mobile currently maintains a wireless facility on the roof of the Unit B building on the Property.

Cellco's proposed facility at the Property will consist of twelve (12) antennas (three (3) sectors of four (4) antennas each) and nine (9) remote radio heads (RRHs) (Three (3) sectors of three (3) RRHs each) attached to antenna mounting structures in the southwest, northeast and northwest portions of the roof of the Unit A building. Equipment associated with Cellco's antennas would be is located within a fenced enclosure on the ground adjacent to the building.

The proposed facility will allow Cellco to provide enhanced wireless voice and data services in the southwest Hartford.

CITY OF HARTFORD ZONING BOARD OF APPEALS (ZBA)

APPLICATION FOR USE VARIANCE BY CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS

PROJECT DESCRIPTION & HARDSHIP STATEMENT

Cellco Partnership d/b/a Verizon Wireless ("Cellco") proposes to install a wireless telecommunications facility on the roof of the five-story residential apartment building (Unit A) at 873-891 West Boulevard in Hartford, Connecticut (the "Property"). The Property is identified as Lot MBLU 135-385-190 on the Hartford Tax Assessment Map and is in the NX-2 Neighborhood Mix zone district. T-Mobile currently maintains a similar rooftop wireless facility on the roof of the Unit B building on the Property.

Cellco's proposed facility will consist of twelve (12) panel-type antennas (three (3) separate sectors of four (4) antennas each) and associated remote radio heads (RRHs) attached to antenna mounting structures in the southwest, northeast and northwest portions of the roof of the Unit A building. The proposed panel antennas are approximately six (6) feet tall and will be setback a minimum of ten (10) feet from all roof edges. Equipment associated with Cellco's antennas would be is located within a fenced enclosure on the ground adjacent to the building and tenant parking area.

The proposed rooftop facility will allow Cellco to provide significant capacity relief to its surrounding wireless base stations and enhanced wireless voice and data services in southwest Hartford. Cellco's surrounding Hartford 4 cell site (a rooftop installation at 236 Sisson Avenue); Hartford West 2 cell site (a rooftop installation at 999 Asylum Street); Hartford SW cell site (a rooftop installation at 110 Bartholomew Avenue); Hartford 11 cell site (a rooftop installation at 85 Sigourney Street); and W Hartford 7 cell site (a rooftop at 270 Park Street) are all currently operating at or beyond their respective capacity limits. (*See* attached facility location map).

Variance Requests

Cellco requests a variance to two provisions of the Hartford Zoning Regulations.

- (1) Cellco requests a variance to Section 4.0 (the Accessory Structure Table) to permit the establishment of rooftop wireless facility (Small Cell Node) in the NX-2 zone district.
- (2) Cellco also request a variance to Section 4.20.7.F.(1)(b) of the Hartford Zoning Regulations to permit the installation of panel-type antennas that exceeds five (5) feet in height.

<u>Hardship</u> – Variance to Permit a Rooftop Wireless Facility (Small Cell Node)

As mentioned above, the proposed roof-top wireless facility will allow for the provision of enhanced wireless services, including Cellco's new 28 GHz Ultra-Wide Band 5G technology, to customers in southwest Hartford. The Property's location and its proximity to each of Cellco's existing surrounding cell sites and the overall height of the existing building, makes this the ideal location to establish a cell site to meet the company's wireless service objectives.

Small cell nodes may be installed on buildings, subject to the approval of a Special Permit in the City's MS-1, MS-2, MS-3 and OS zone districts. Parcels in the area around the Property zoned MS-1, MS-2, MS-3 and OS are not suitable for the establishment of a rooftop wireless facility. Parcels and the structures occupying the parcels in these zones are either undeveloped or are occupied by one to three-story commercial, institutional and/or residential structures. None of these structures would allow for the installation of antennas at the height needed to satisfy Cellco's networks objectives.

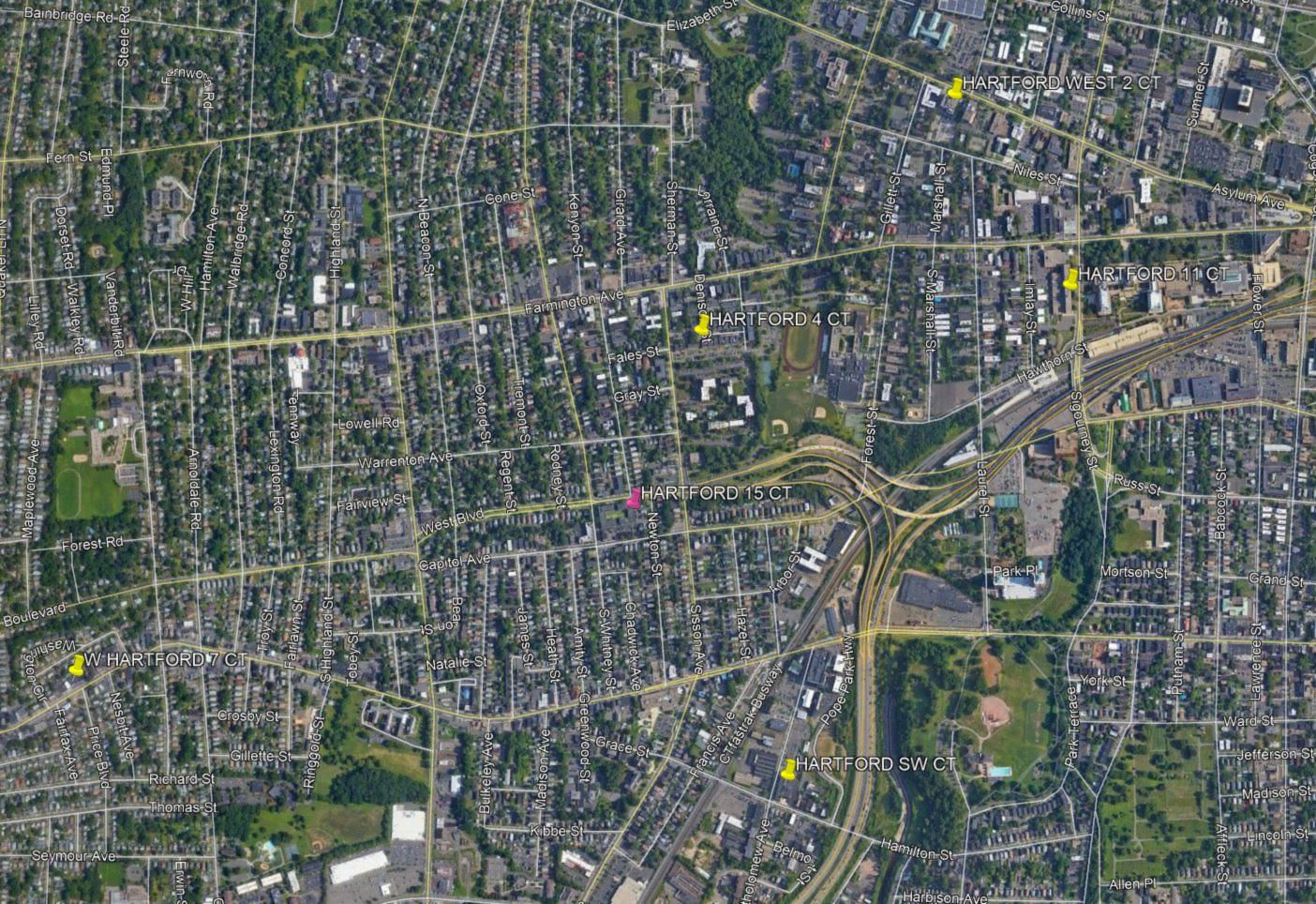
<u>Hardship – Antenna Height</u>

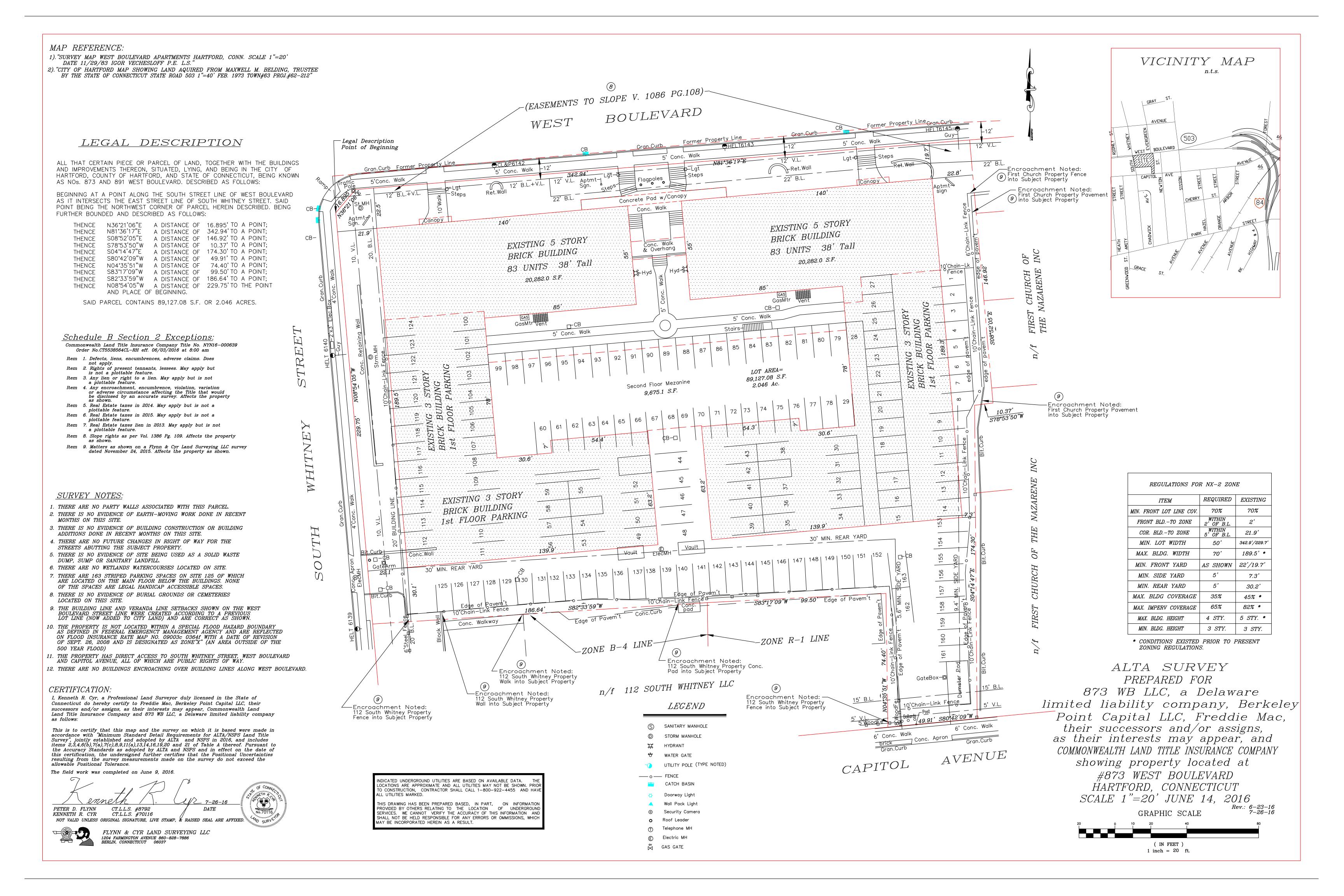
Antenna technology in recent years has developed in a way that allows wireless carriers to optimize service provided by individual cell sites. These new antennas allow Radio Frequency Engineers to better control antenna transmission patterns allowing for more focused service to the areas of need in different operating frequencies. These new service advantages, however, are only available in a taller (in excess of five feet in height) antenna. The proposed antenna is one-foot taller than permitted in Section 4.20.7.F.(1)(b) of the Hartford Zoning Regulations. The loss of these technological efficiencies will have a significant impact on the operation of proposed facility.

The literal enforcement therefore of the Hartford Zoning Regulations would therefore result in exceptional difficulty and unusual hardship. This hardship is specific to Cellco and a result of the technological limitations of its wireless service and the need to improve service and service options for all residents and businesses in the City of Hartford.

The variance request is in general harmony with the general purpose and intent of the Hartford Zoning Regulations. The wireless facility antennas (small cell node) will be setback from the roof edge of the building and will not be visible from the immediately adjacent public rights of way. Likewise, the antenna cables and related equipment cabinets will be located within the building's interior courtyard and not be visible from the public rights of way. The principal use of the building will remain the unchanged and unaffected by the proposed installation. T-Mobile maintains a similar rooftop wireless facility installation on an adjacent building at the Property, established in 2016.

Lastly, the variance will not adversely affect public health, safety and welfare. To the contrary, the provision of enhanced wireless telecommunications services will serve as a significant public safety benefit.





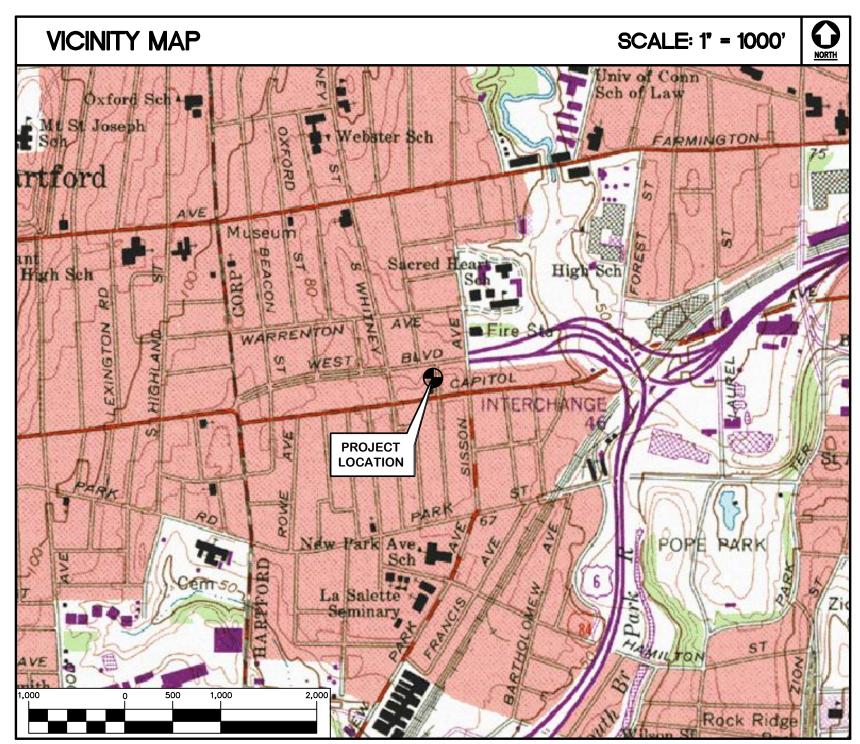
verizon^{*}

WIRELESS COMMUNICATIONS FACILITY

HARTFORD 15 891 WEST BOULEVARD HARTFORD, CT 06105

ZONING INFORMATION ZONE: NX-2 (NEIGHBORHOOD MIX)					
USE		1 UNIT DWELLING	1 UNIT DWELLING		
		2-UNIT DWELLING	2-UNIT DWELLING		
		3-UNIT DWELLING			
		MULTI-UNIT DWELLING (4+UNITS)			
		RESIDENTIAL CARE, SMALL			
		ACCESSORY UTILITY STRUCTURES	ACCESSORY UTILITY STRUCTURE (BUILDING-ATTACHED ANTENNAE)	ACCESSORY UTILITY STRUCTURE (BUILDING-ATTACHED ANTENNAE)	
ANTENNA REQUIREMENTS	ROOFTOP COVERAGE	MAXIMUM 25% OF ROOF AREA	T-MOBILE ANTENNA AREA = 7.72 SF EXIST'G WEST BLDG ROOF AREA = 20,215 SF % COVERAGE = 0.037 %	CELLCO PARTNERSHIP ANTENNA AREA = 7.72 SF EXIST'G EAST BLDG ROOF AREA = 20,215 SF % COVERAGE = 0.035 %	
	ROOFTOP SETBACKS	10 FEET FROM ROOF EDGES OR 10% OF ROOF DEPTH (WHICHEVER IS GREATER)	T-MOBILE ANTENNAS ALPHA: REQ'D = 10 FT, PROVIDED = ±10 FT BETA: REQ'D = 14 FT, PROVIDED = ±17 FT GAMMA: REQ'D = 14 FT, PROVIDED = ±10 FT	CELLCO PARTNERSHIP ANTENNAS ALPHA: REQ'D = 10 FT, PROVIDED = ±21 FT BETA: REQ'D = 14 FT, PROVIDED = ±21 FT GAMMA: REQ'D = 14 FT, PROVIDED = ±19 FT	

SITE DIRECTIONS FROM: 99 EAST RIVER DRIVE, EAST HARTFORD, CT. TO: 891 WEST BOULEVARD, HARTFORD, CT	
1. HEAD NORTHEAST ON E RIVER DR TOWARD DARLIN ST 2. TURN LEFT TO STAY ON E RIVER DR 3. TAKE THE 1ST LEFT ONTO CONNECTICUT BLVD 4. TURN LEFT ONTO THE ROUTE 84 W RAMP TO HARTFORD/ROUTE 91 5. MERGE ONTO I-84 6. TAKE EXIT 46 TOWARD SISSON AVE 7. MERGE ONTO WEST BLVD	0.3 MI 400 FT 0.2 MI 443 FT 2.1 MI 0.6 MI 0.1 MI



SITE INFORMATION

- THE PROPOSED ROOFTOP WIRELESS COMMUNICATIONS FACILITY INSTALLATION TO INCLUDE (3) SECTORS OF (2) ANTENNAS EACH (PLUS SPACE ALLOCATED FOR AN ADDITIONAL (2) FUTURE ANTENNAS PER SECTOR), (3) REMOTE RADIO HEADS (RRUs) PER SECTOR, (1) OVP BOX PER SECTOR AND ASSOCIATED CABLES ATOP THE BUILDING'S MAIN ROOF LEVELS.
- THE PROPOSED GROUND LEVEL WIRELESS COMMUNICATIONS FACILITY EQUIPMENT INSTALLATION TO INCLUDE (1) RADIO EQUIPMENT CABINET AND (1) BATTERY BACKUP CABINET LOCATED AT GRADE ATOP A PROPOSED NON-GROUND PENETRATING 8' x 12' STEEL EQUIPMENT PLATFORM WITHIN A PROPOSED 10'-6" x 24'-2" FENCED LEASE
- THE PROPOSED WIRELESS FACILITY INSTALLATION WILL BE DESIGNED IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE AS MODIFIED BY THE 2018 CONNECTICUT SUPPLEMENT.
- . There will not be any lighting unless required by the FCC or the FAA.
- 5. THERE WILL NOT BE ANY SIGNS OR ADVERTISING ON THE ANTENNAS OR EQUIPMENT.

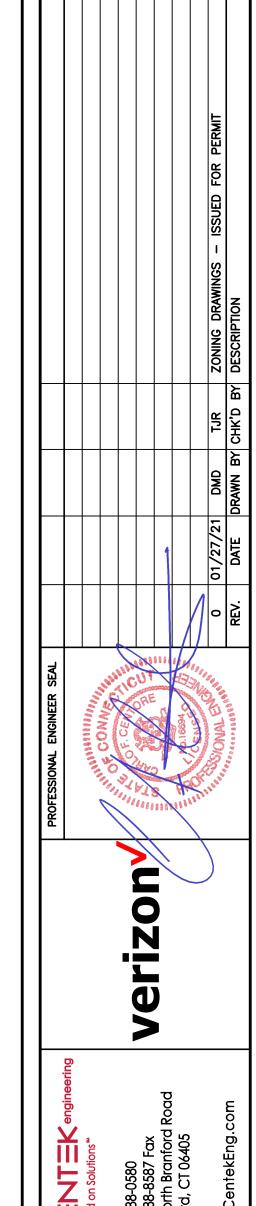
PROJECT SUMMARY SITE NAME: SITE ADDRESS: 891 WEST BOULEVARD HARTFORD, CT 06105 135-385-190 PARCEL ID (MBL): 873 WB LLC COMPANY LLC. OWNER/LANDLORD: 203 WEST 90TH STREET, SUITE 2H NEW YORK, NY 10024 LESSEE/APPLICANT: CELLCO PARTNERSHIP d.b.a. VERIZON WIRELESS 20 ALEXANDER DRIVE WALLINGFORD, CT 06492 **ENGINEER:** CENTEK ENGINEERING INC. 63-2 NORTH BRANFORD RD. BRANFORD, CT. 06405 PROJECT COORDINATES: LATITUDE: 41°-45'-40.21" N LONGITUDE: 72°-42'-31.06" W GROUND ELEVATION: 69.58'± AMSL COORDINATES AND GROUND ELEVATION REFERENCED FROM

FAA 2-C CERTIFICATION PREPARED BY CENTEK ENGINEERING

FOR VERIZON WIRELESS, DATED 10/14/2020.

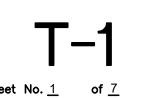
SHT. NO.	DESCRIPTION	REV
T-1	TITLE SHEET	0
Z-0	SITE LOCATION MAP	0
Z-1	SITE PLAN	0
Z-2	PARTIAL BUILDING ROOF PLAN	0
Z-3	EVELATIONS	0
Z-4	EVELATIONS AND MOUNTING CONFIGURATION DETAILS	0
Z-5	ANTENNA MOUNTING AND CONFIGURATION DETAILS	0

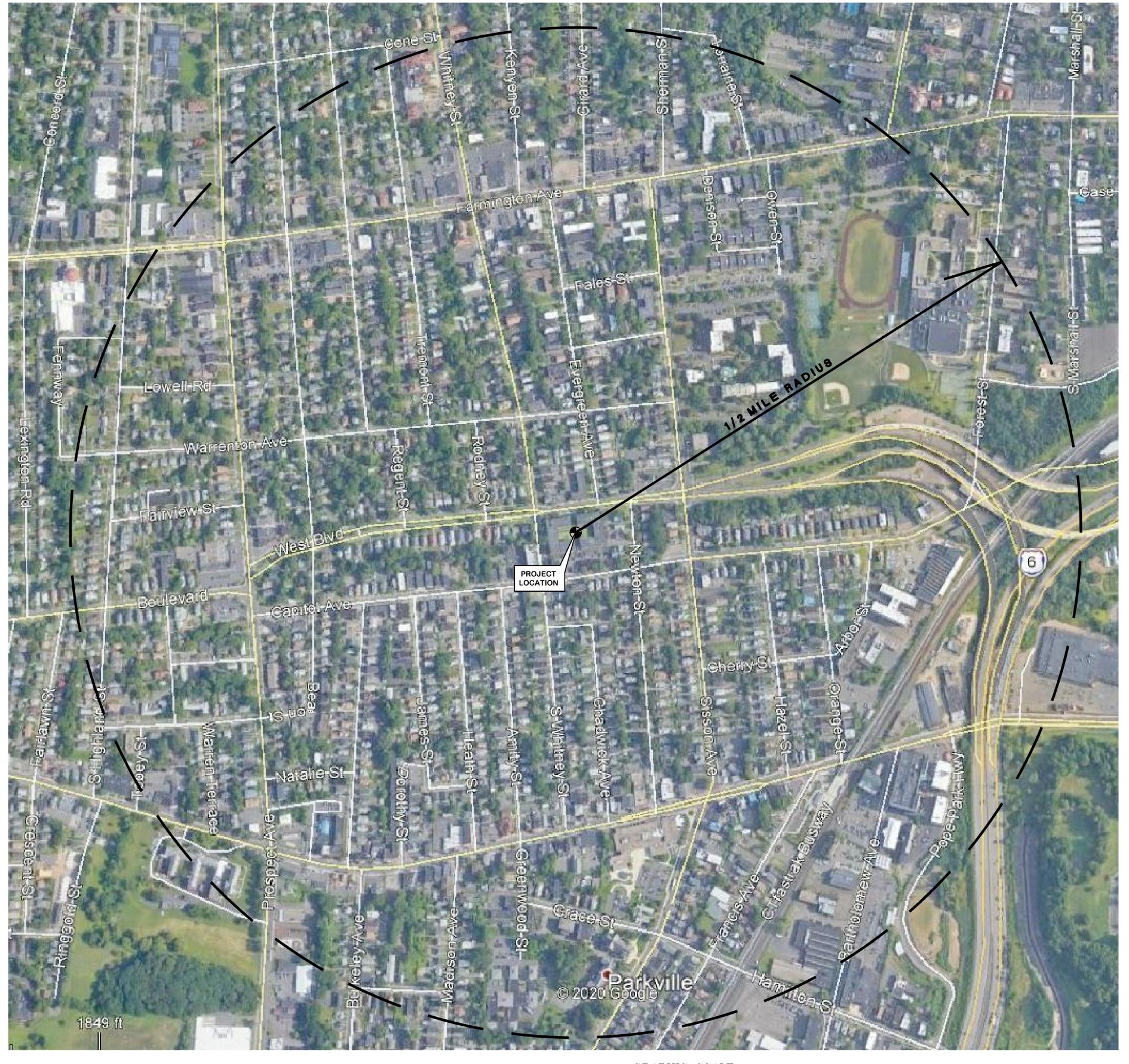
LEGEND		
SYMBOL	DESCRIPTION	
	SECTION OR DETAIL NUMBER SHEET WHERE DETAIL/SECTION OCCURS	
	ELEVATION NUMBER SHEET WHERE ELEVATION OCCURS	



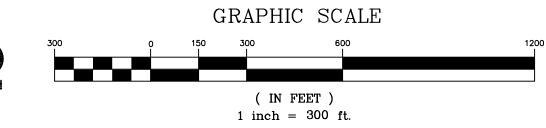
09/06/20 AS NOTED JOB NO. 20083.03

TITLE SHEET



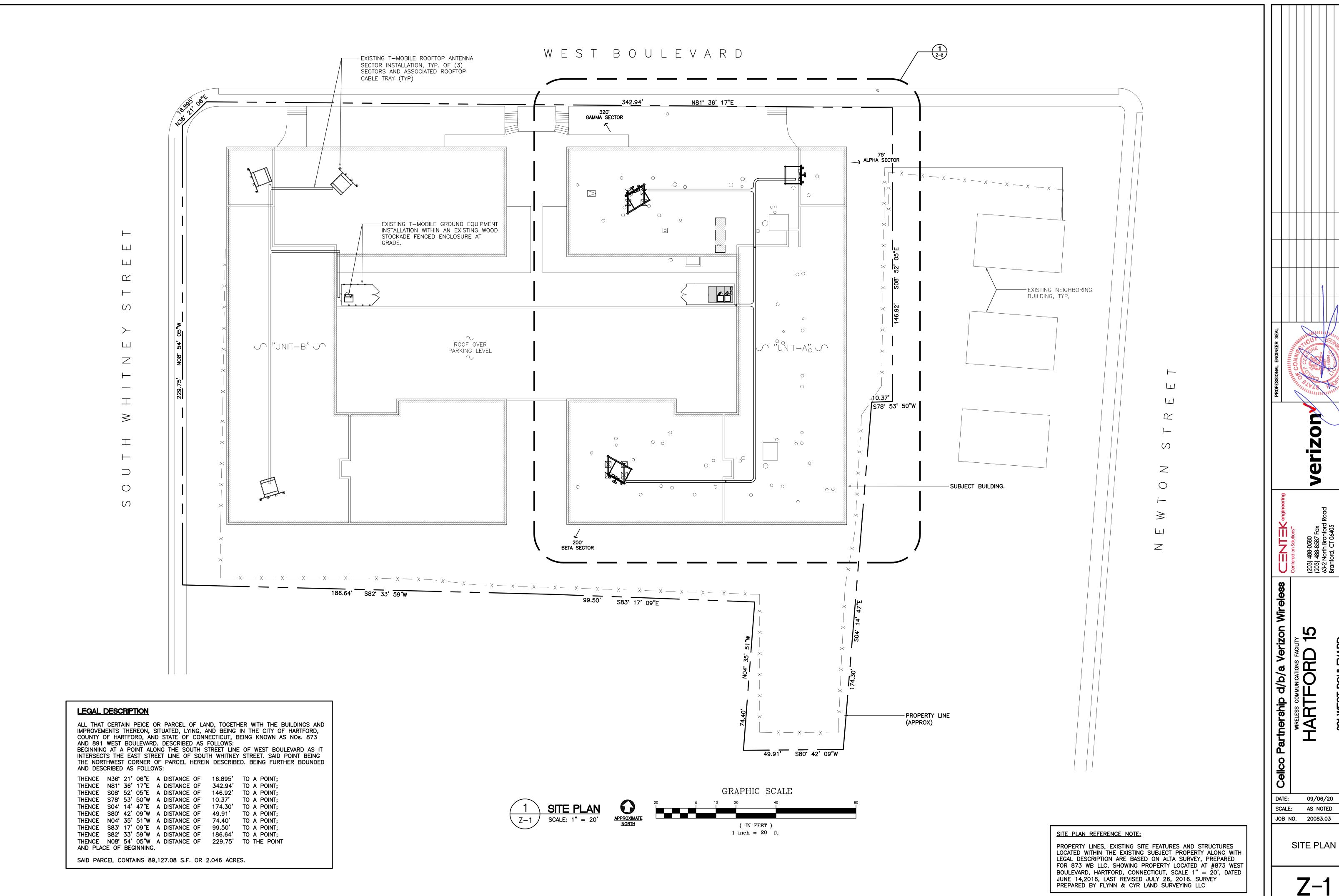






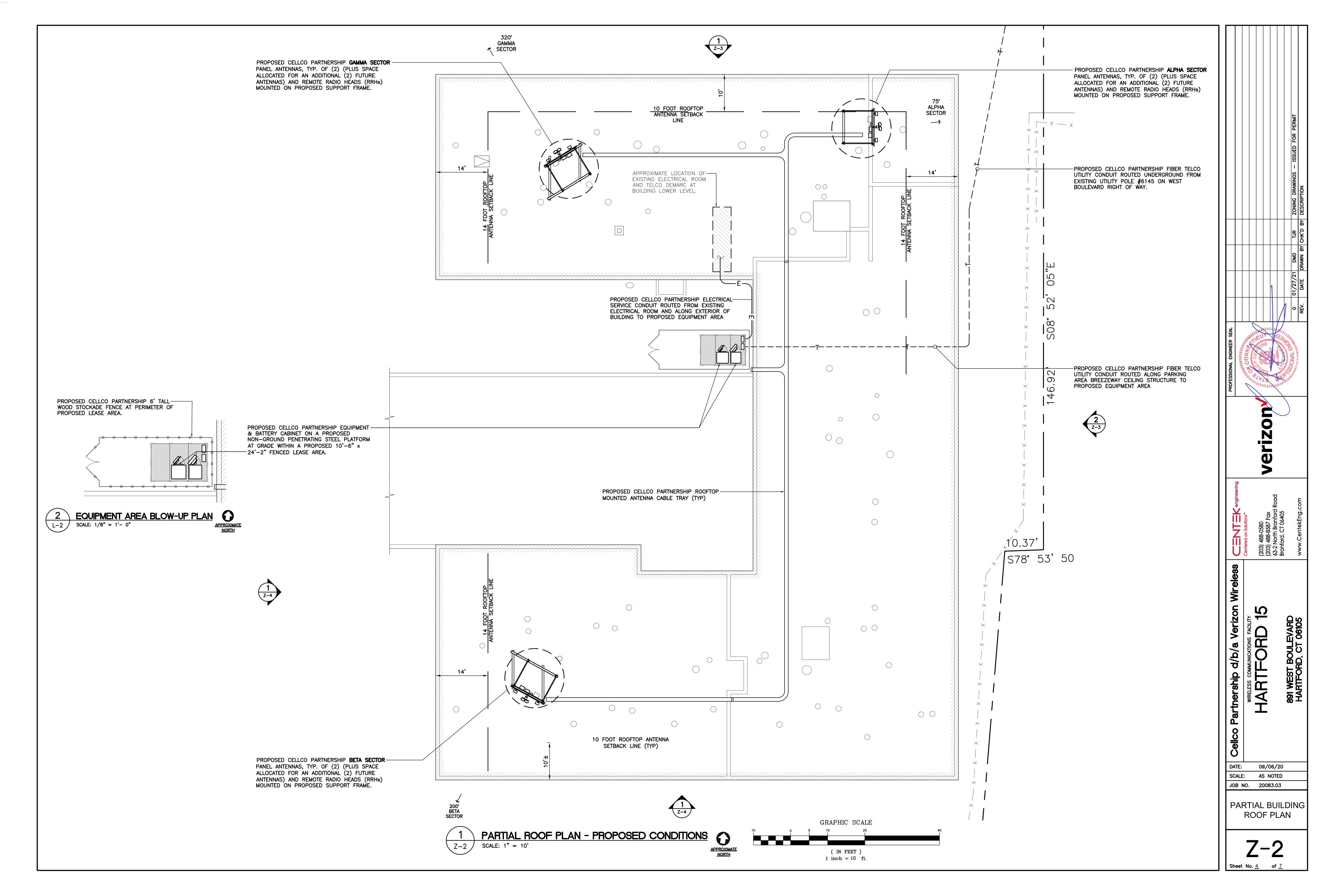
WIRELESS COMMUNICATIONS FACILITY
HARTFORD 1

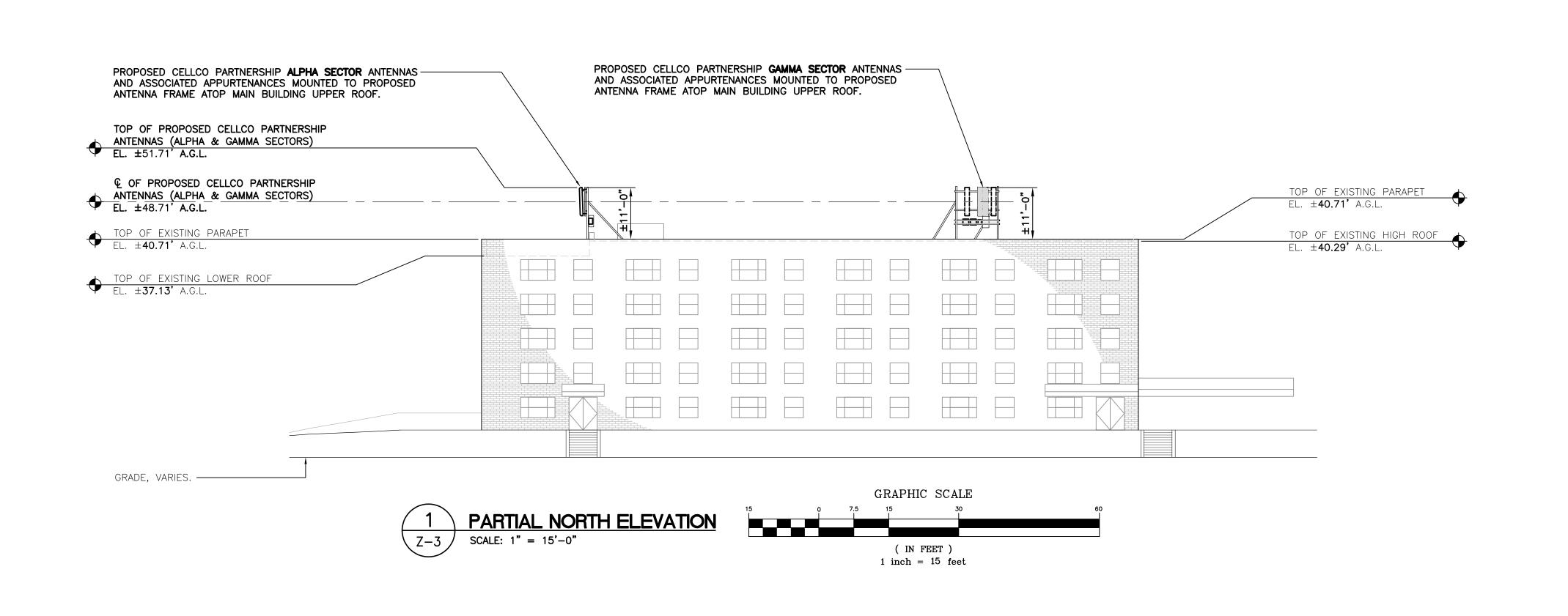
DATE: 09/06/20 SCALE: AS NOTED JOB NO. 20083.03 SITE LOCATION MAP

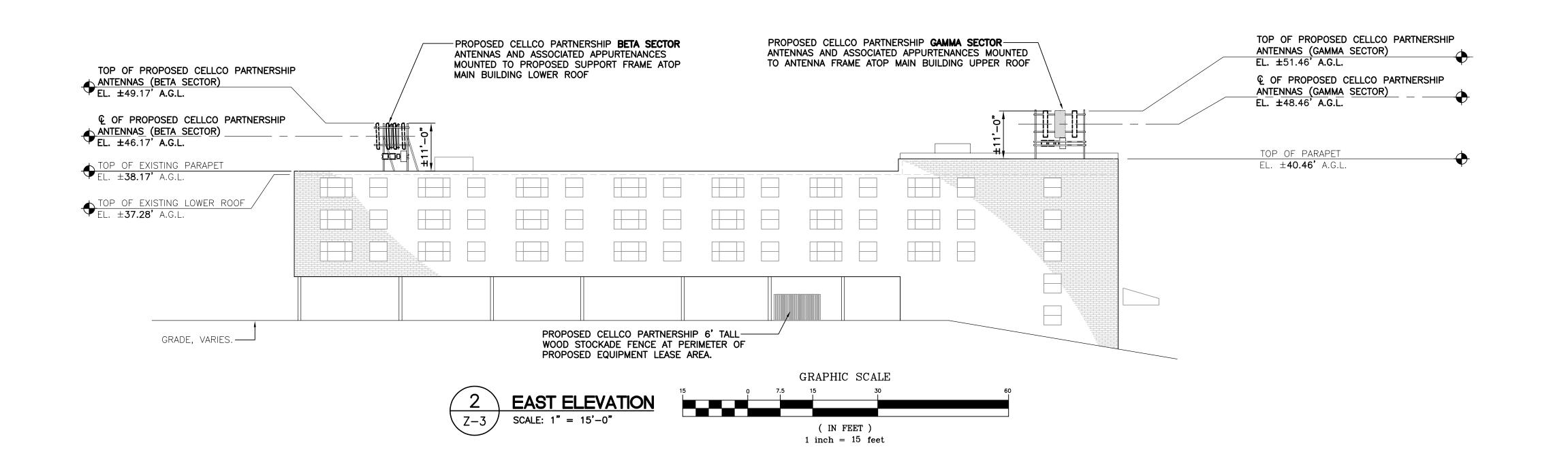


09/06/20

<u>Z</u>-7





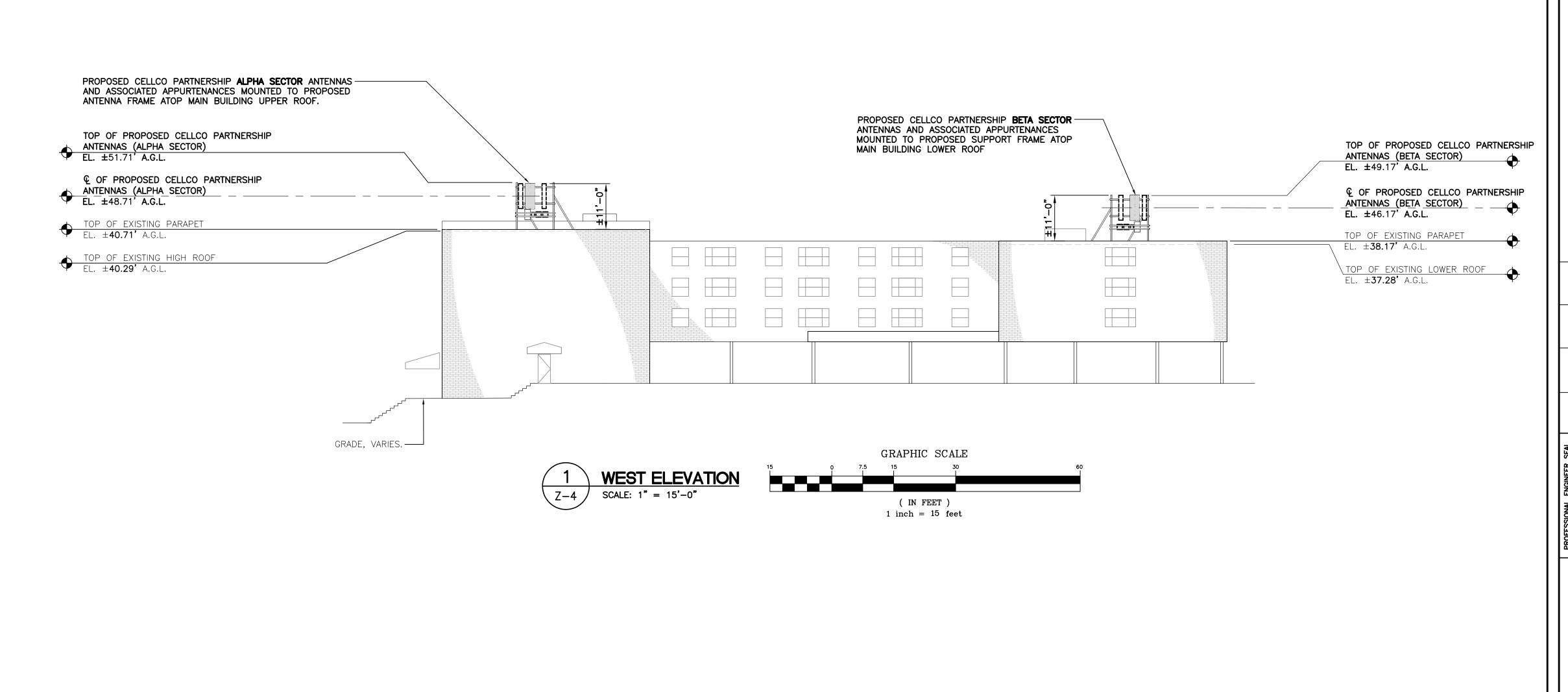


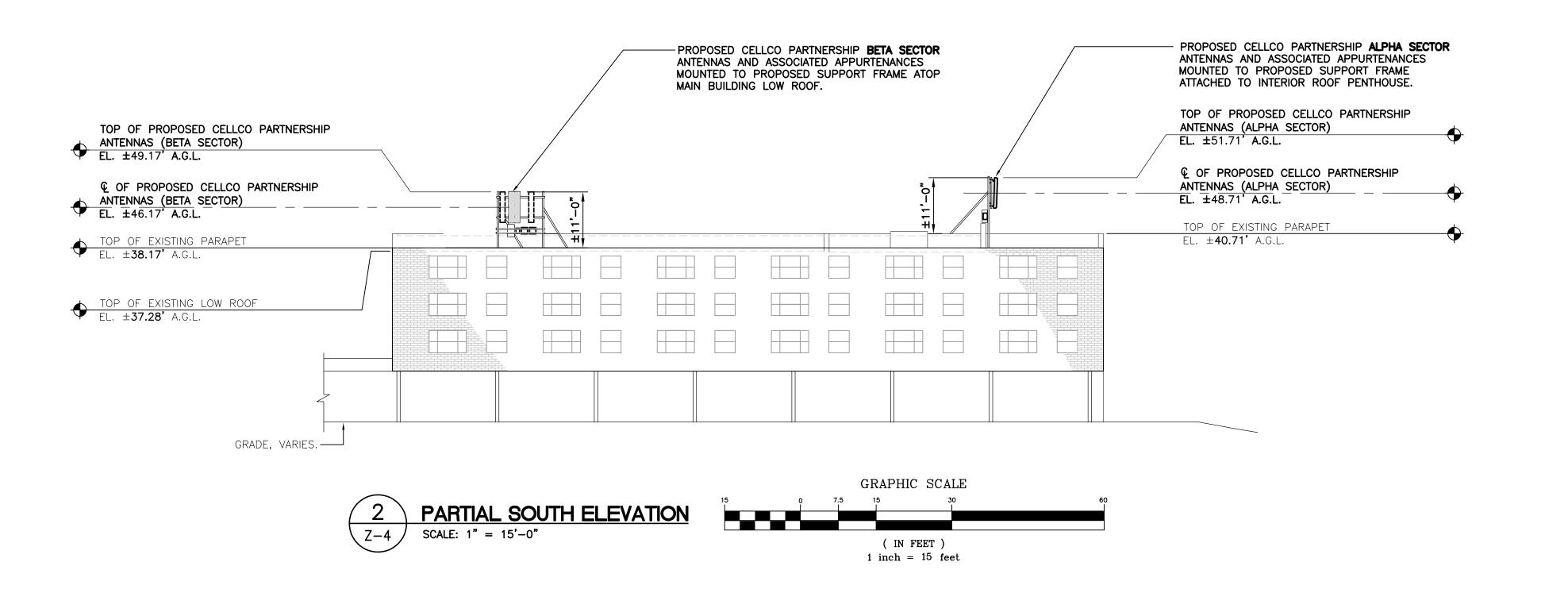
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WIRELESS COMMUNICATIONS FACIL

09/06/20 SCALE: AS NOTED JOB NO. 20083.03

ELEVATIONS

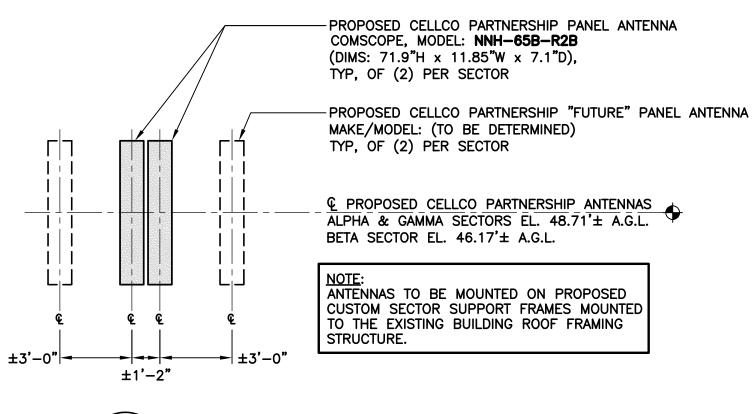




erizon WIRELESS COMMUNICATIONS FACIL 09/06/20 SCALE: AS NOTED JOB NO. 20083.03 **ELEVATIONS**

ELEVATION

Sheet No. <u>6</u> of



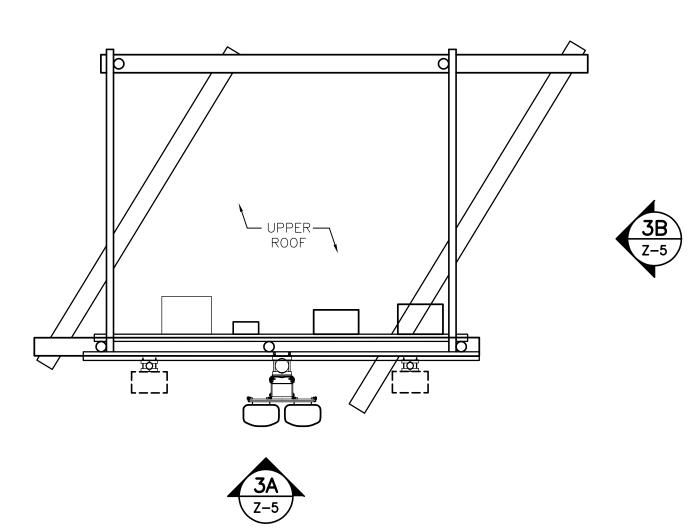
1 TYP. ANTENNA MOUNTING CONFIG. Z-5 SCALE: 1/4" = 1'-0"

PROPOSED CELLCO PARTNERSHIP BAND 48 RRH, SAMSUNG, MODEL: CBRS RRH-RT4401-48A -PROPOSED CELLCO PARTNERSHIP DUAL BAND RRH, (DIMS: 12.1"H x 8.5"W x 4.1"D) SAMSUNG, MODEL: B5/B13 RRU- BR04C (RFVU01U-D12) (DIMS: 15.0"H x 15.2"W x 8.1"D) TYP, OF (1) PER SECTOR TYP, OF (1) PER SECTOR PROPOSED CELLCO PARTNERSHIP DC SURGE PROTECTOR,— RAYCAP, MODEL: RCMDC-6600-PF-48 PROPOSED CELLCO PARTNERSHIP DUAL BAND RRH, (DIMS: 29.5"H x 16.5"W x 12.8"D) SAMSUNG, MODEL: B2/66A RRU-BR049 (RFVU01U-D1A) TYP, OF (1) PER SECTOR (DIMS: 15.0"H x 15.2"W x 10.0"D) TYP, OF (1) PER SECTOR NOTE:
APPURTENANCES TO BE MOUNTED ON PROPOSED

TYP. APPURTENANCE MOUNTING CONFIG.

SCALE: 1/4" = 1' - 0"

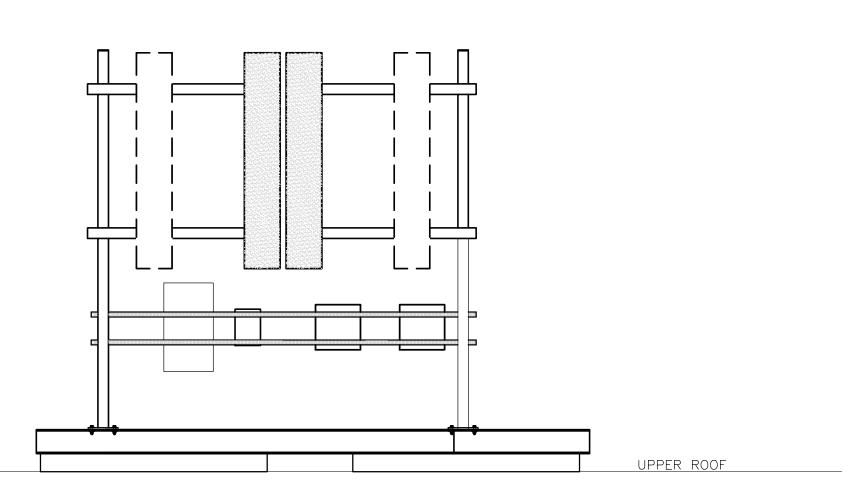
CUSTOM SECTOR SUPPORT FRAMES BELOW THE ANTENNAS AND APPROXIMATELY 3'-0" ABOVE FINISHED ROOF.



BETA AND GAMMA SECTORS

TYP. ANTENNA SECTOR PLAN

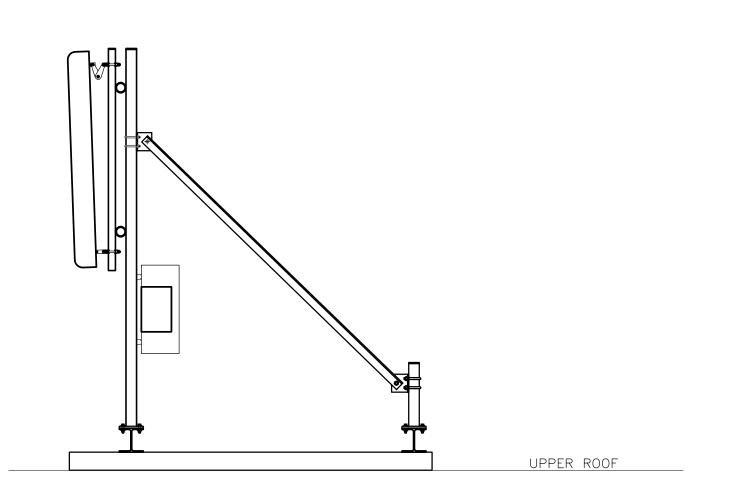
Z-5 SCALE: 3/8" = 1'- 0"



BETA AND GAMMA SECTORS

TYP. ANTENNA SECTOR FRONT ELEVATION

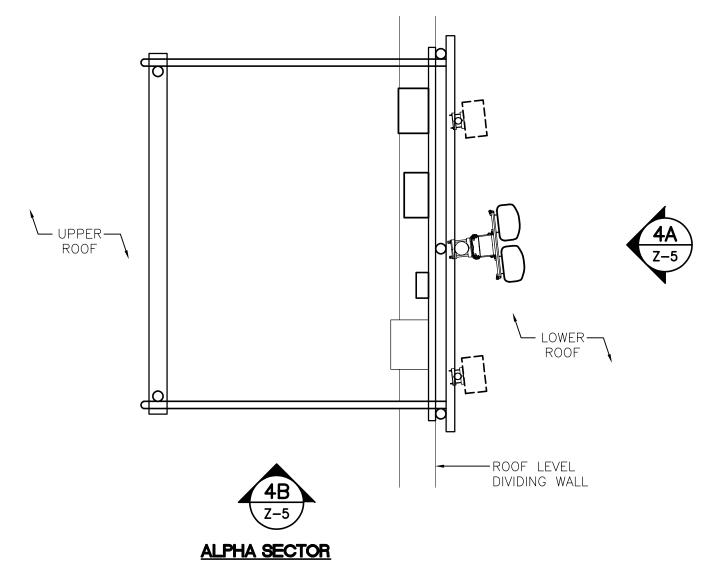
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BETA AND GAMMA SECTORS

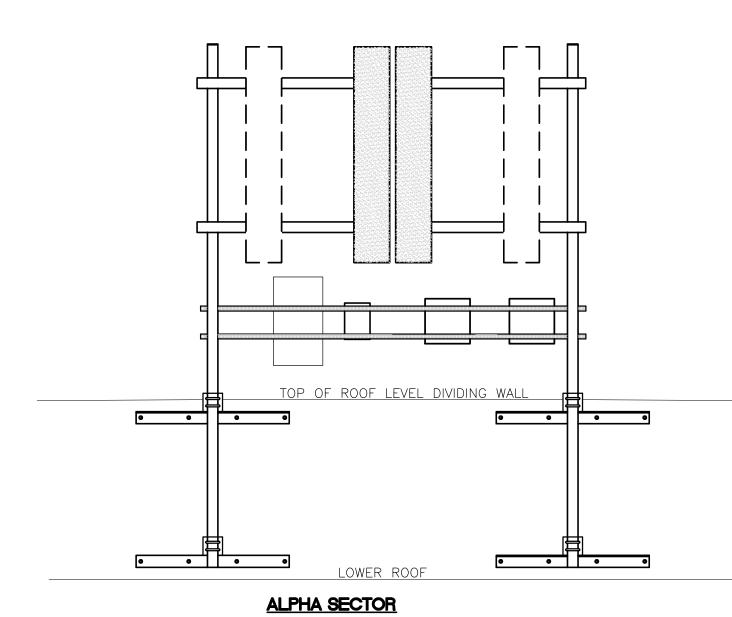
TYP. ANTENNA SECTOR SIDE ELEVATION

SCALE: 3/8" = 1'- 0"



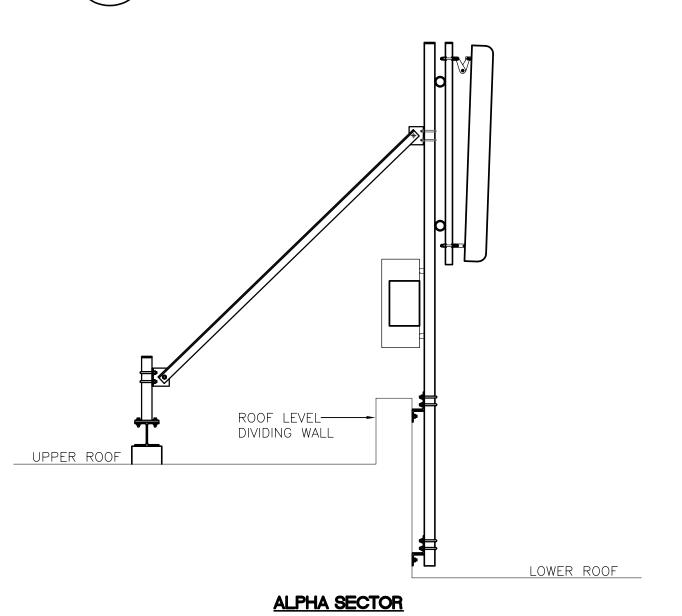
4 TYP. ANTENNA SECTOR PLAN

Z-5 SCALE: 3/8" = 1'- 0"



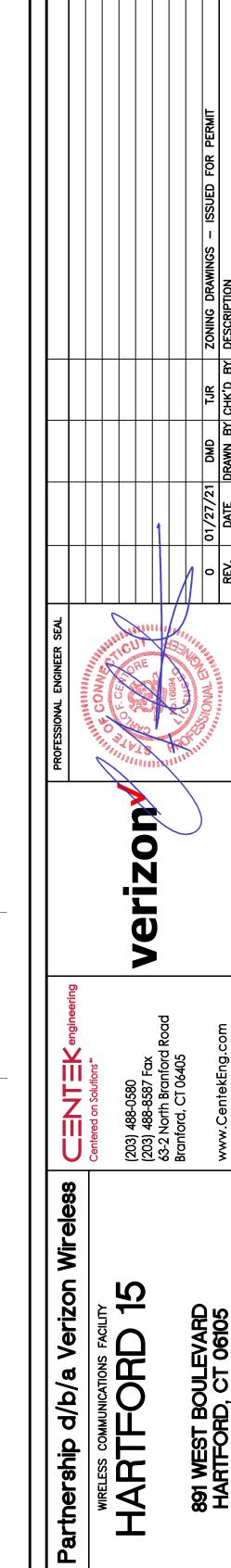
4A TYP. ANTENNA SECTOR FRONT ELEVATION

SCALE: 3/8" = 1'- 0"



TYP. ANTENNA SECTOR SIDE ELEVATION

SCALE: 3/8" = 1'- 0"



DATE: 09/06/20

SCALE: AS NOTED

JOB NO. 20083.03

ANTENNA MOUNTING AND CONFIG. DETAILS

Z-5





