

608.644.1449 phone 608.644.1549 fax



January 13, 2020

Wisconsin Historical Society
Division of Historic Preservation, Office of Preservation Planning
Attn: Leslie Eisenberg
816 State Street
Madison, WI 53706

CC:

Madison Planning and Development Attn.: Ms. Heather Bailey, Preservation Planner 215 Martin Luther King Boulevard P.O. Box 2985 Madison, WI 53710

RE: Conditional No Adverse Effects Determination
Additional Information for WHS Case #19-0386/DA
Proposed Telecommunications Antennas Collocation (antenna upgrades)
U.S. Cellular / Irish Pub (782440)

Dear SHPO Review Staff & Landmarks Commission:

We previously submitted an FCC 621 form to your offices in April of last year to initiate review of the above described proposed telecommunications collocation at 317 State Street in the City of Madison. Subsequent consultation resulted in SHPO agreeing to a conditional "No Adverse Effects" determination dated October 22, 2019 (copy enclosed) as long as the following conditions can be met:

- Move mechanicals to the building roof
- Enclose wires
- Paint boxes on side of building to match painted sides (of host building)
- Decrease number and size of proposed antennae
- Resubmit plan for review and comment

On October 18, 2019, Heather Baily of the City planning division provided additional comments from the Landmarks Commission indicating concern the originally proposed collocation could result in cumulative effects that would create an Adverse Effect to Historic Properties. A copy of this comment is enclosed. The Commission appears to be in agreement with SHPO that the above revisions to the project design would mitigate potential adverse effect(s).

The applicant has considered the above visual impact requests in relation to functionality and structural requirements of the site location and limitations of available antenna models. The applicant was able to modify the site design in a way that should satisfy the intention of the above conditions. We are now able to provide you with updated plans and photo simulations for your consideration. We anticipate these changes will mitigate potential adverse effect(s) to historic properties.

Changes to the site plan include:

- 1.) Moving the proposed LAA radio-antennas (the smaller square shaped antennas) to the rooftop on a ballast tripod ballast mount in the center-rear of the roof. This placement would prevent visibility of these antennas from surrounding areas at street level and would also allow for elimination of one of the proposed mounting pipes on each of the three faces of the building. See enclosed photo simulations to verify anticipated (non) visibility of the rooftop LAA antennas;
- 2.) Regarding the larger LTE panel antennas mounted on the various walls of the building, there is no practicable option to move those from the building face. An alternative antenna model is available that measures 6 feet in length which would be a reduction from the originally proposed 8-foot long antennas. The width of the antennas would remain at approximately 2 feet wide. The applicant proposes to use the smaller 6ft antenna model in an effort to reduce visual impact;
- 3.) Shrouds can be been added to cover the previously visible cable protruding from the base of all panel antennas (see photo simulation). Also, the shroud and antennas will be painted to match the wall color. The result of items 2-3 would be the ability to maintain only 2 antennas per sector (no visible gain in number of antennas from current layout) and hiding previously visible cabling behind shrouds.

We believe the above described revision will satisfy the conditions set by SHPO to prevent adverse effects to historic properties. Please advise with your comments and concurrence/disagreement with our assessment that these design changes result in a conditional no adverse effect determination to historic properties. Direct your comment and/or questions to me at the address provided below in my signature block.

Sincerely,

Alyssa Krantz

Edge Consulting Engineers, Inc.

624 Water Street

Prairie du Sac, WI 53578 akrantz@edgeconsult.com

P.S. During the course of determining what we hope are satisfactory revisions described above we drafted two intermediate/alternative photo simulations. We believe both alternatives are less desirable so are not being proposed as the selected design. Since the simulations are readily available, we are including them here for your consideration in case you choose to offer further comment on either alternative. The first of these simulations shows keeping the proposed LAA antennas on the building walls, but reducing the mounting pipe to a minimal size to help reduce visibility. As this option would not decrease the number of visible antennae it was seen as less desirable that the primary design above. The second simulation shows all antennas moved to the rooftop. This would require the larger LTE panel antennas to be mounted in a way that would visibly protrude above the roofline and would, in our opinion, dramatically increase visibility of the collocation as it is functionally not possible to mount the panel antennas horizontally. This option would be the least desirable as we believe the visible effects would instead be worsened.

REQUEST FOR SHPO COMMENT AND CONSULTATION ON A FEDERAL UNDERTAKING

Submit one copy with each undertaking for which our comment is requested. Please print or type. Return to: Wisconsin Historical Society, Division of Historic Preservation, Office of Preservation Planning, 816 State Street, Madison, WI 53706 Please Check All Boxes and Include All of the Following Information, as Applicable. Incomplete September 1988 Will Be Returned. SEP 0 3 2019 I. **GENERAL INFORMATION** This is a new submittal. This is supplemental information relating to Case #: 19-0386, and title: Irish Pub (#782440)...

This project is being undertaken pursuant to the terms and conditions of a programmatic or other interagency agreement. The title of the agreement is Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission Federal Agency Jurisdiction (Agency providing funds, assistance, license, permit): FCC a. Federal Agency Contact Person: Mr. Dan Abeyta Phone: 202-418-1538 b. Project Contact Person: Alyssa Krantz, Edge Consulting Engineers, Inc. Phone: 608-644-1449 c. Return Address: 624 Water Street, Prairie du Sac, WI Zip: 53578 d. Email Address: akrantz@edgeconsult.com Project Name: _____ Irish Pub (#782440) f. Project Street Address: 317 State Street g. County: _____ Dane __ City: _____ Madison _ Zip Code: ___ 53703 h. Project Location: Township 7 N, Range 9, (circle one), Section 23, Quarter Sections NW of NE Project Narrative Description—Attach Information as Necessary. k. Area of Potential Effect (APE). Attach Copy of U.S.G.S. 7.5 Minute Topographic Quadrangle showing APE. Π. IDENTIFICATION OF HISTORIC PROPERTIES Historic Properties are located within the project APE per 36 CFR 800.4. Attach supporting materials. Historic Properties are not located within the project APE per 36 CFR 800.4. Attach supporting materials. III. **FINDINGS** П No historic properties will be affected (i.e., none is present or there are historic properties present but the project will have no effect upon them). Attach necessary documentation, as described at 36 CFR 800.11. M The proposed undertaking will have no adverse effect on one or more historic properties located within the project APE under 36 CFR 800.5. Attach supporting documentation as described at 36 CFR 800.11. П The proposed undertaking will result in an adverse effect to one or more historic properties and the applicant, or other federally authorized representative, will consult with the SHPO and other consulting parties to resolve the adverse effect per 36 CFR 800.6. Attach supporting documentation as described at 36 CFR 800.11 with a proposed plan to resolve adverse effect(s). Karttin Emalargin For Date: 8/30/19 Authorized Signature: I concur with your no adverse effect determination only if Type or print name: Alyssa Krantz the recommendations of the City of Madison's Landmarks Commission are followed: 1) Move mechanicals to the STATE HISTORIC PRESERVATION OFFICE COMMENTS IV. building's roof, 2) Enclose wires, 3) Paint the boxes on the sides of the building to match the painted sides, and 4) Agree with the finding in section III above. decrease the number & size of proposed antennae. Please resubmit a revised plan for review and comment. Object to the finding for reasons indicated in attached letter. Cannot review until information is sent as follows:

Date: 22 Oct 2019

Authorized Signature:

Jake Rieb

From: Bailey, Heather < HBailey@cityofmadison.com>

Sent: Friday, October 18, 2019 8:52 AM **To:** Jake Rieb; Heiser-Ertel, Lauren

Cc: Alyssa L. Krantz

Subject: RE: 9/16 Landmarks Commission - 317 State Street (Irish Pub 782440)

Attachments: 55809 LC Report 9-16-19.pdf

Jake,

I apologize for the delay. The Landmarks Commission reviewed the proposal at its September 16, 2019, meeting and determined that due to the cumulative effects of the number of new antennas on the sides of the building that it would create an Adverse Effect. As part of their discussion, they suggested that locating equipment on the rooftop or better blending the antenna boxes may mitigate the effect (the wires hanging out of the bottom of the current boxes and the difference in the color of the boxes as compared to the wall of the building make them stand out).

I have attached the action report from the meeting. Thank you for allow us the time to review and comment on the undertaking.



Heather L. Bailey, Ph.D.

Preservation Planner Neighborhood Planning, Preservation + Design Section

Department of Planning + Community + Economic Development Planning Division 215 Martin Luther King, Jr. Blvd.; Suite 017 PO Box 2985

Madison WI 53701-2985

Email: hbailey@cityofmadison.com Phone: 608.266.6552

From: Jake Rieb <jrieb@edgeconsult.com> Sent: Friday, October 18, 2019 8:26 AM

To: Heiser-Ertel, Lauren <LHeiser-Ertel@cityofmadison.com>

Cc: Bailey, Heather < HBailey@cityofmadison.com>; Alyssa L. Krantz < akrantz@edgeconsult.com>

Subject: RE: 9/16 Landmarks Commission - 317 State Street (Irish Pub 782440)

Heather,

Just reaching out one more time. Will you be commenting on this? The applicant will need to move on with the review soon so I am hoping to collect comment ASAP if you plan to provide.

Sincerely, Jake Rieb

From: Jake Rieb

Sent: Thursday, October 10, 2019 3:01 PM

To: Heiser-Ertel, Lauren < <u>LHeiser-Ertel@cityofmadison.com</u>>

Cc: Bailey, Heather < HBailey@cityofmadison.com>; Alyssa L. Krantz < akrantz@edgeconsult.com>

Subject: RE: 9/16 Landmarks Commission - 317 State

Lauren & Heather,

Has there been any updated formal comment on this review? Based on my calendar count, yesterday was the 40th day since updated project information including proposed drawings and photo simulations were submitted to your office on August 30th.

Sincerely, Jake Rieb

From: Heiser-Ertel, Lauren < LHeiser-Ertel@cityofmadison.com >

Sent: Friday, September 13, 2019 8:22 AM **To:** Jake Rieb < <u>irieb@edgeconsult.com</u>>

Subject: 9/16 Landmarks Commission - 317 State

Hi Jake,

Attached please find the staff report for the item that will be reviewed by the Landmarks Commission on September 16. The process will be the same as last time—you do not need to attend the meeting and Heather will follow up with comments afterward.

Best, Lauren



Lauren Heiser-Ertel

Administrative Clerk
Department of Planning & Community & Economic Development
215 Martin Luther King Jr Blvd
PO Box 2985
Madison, WI 53701-2985
608-266-4807
<a href="mailto:linearing-li

AGENDA#9

City of Madison, Wisconsin

REREFERRED:

REPORTED BACK:

REPORT OF: LANDMARKS COMMISSION PRESENTED: 9/16/19

TITLE: Section 106 Consulting Party Review - REFERRED:

Proposed Irish Pub

Telecommunications Facility at 317

State St; 4th Ald. Dist.

AUTHOR: Heather Bailey, Preservation Planner ADOPTED: POF:

DATED: 9/26/19 **ID NUMBER:** 55809

Members present were: Richard Arnesen, Katie Kaliszewski, Arvina Martin, and David McLean. Excused was

Anna Andrzejewski.

SUMMARY:

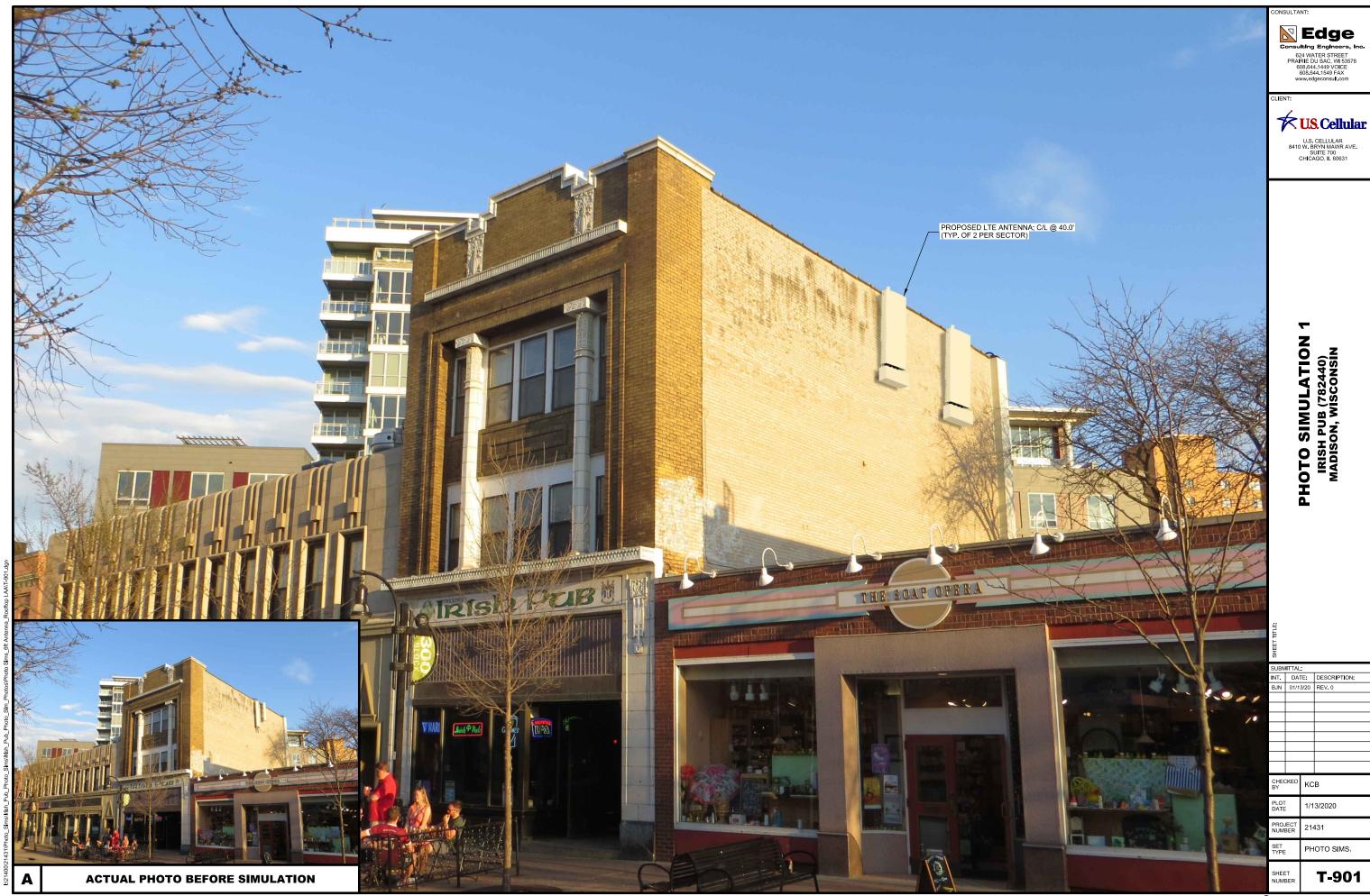
Bailey explained that the Landmarks Commission reviewed a proposal for new cellular infrastructure at 317 State Street at the May 20 meeting, and requested additional photo simulations and more detailed renderings. She said that the applicants took the feedback from the State Historic Preservation Office and the Landmarks Commission and have reworked their proposal. She said that they are proposing to remove the antenna installation currently located on the chimney on the back of the property and are introducing additional antennas on the sides. She showed images of the proposed installation on the west side of the building and pointed out that the new boxes will be no further forward than the current box. She said that in removing the existing items from the chimney, they are now proposing to install similar boxes on the rear of the building. In looking at the images of the west side of the building, McLean asked which boxes are new and which are existing on the side. Bailey showed photos of the existing conditions, and said that there are currently two boxes on the west side: one additional box would be added and one existing box would be enlarged. She said that the new proposal does clean things up on the east side facing the Capitol, and being a three-story building next to a two-story building, the box is minimally visible. However, she said that on the west side facing farther down State Street, the move to create more equipment there is troubling. Kaliszewski agreed, and noted that it would be larger than what is currently there. Bailey said that the applicants are proposing to increase the infrastructure on the most visible side of the building, which is next to a single-story building. She pointed out that the proposed installation includes a box to hide the equipment, but there appear to be wires hanging out of the bottom of the box. Kaliszewski agreed that it would look cleaner if the wires were not visible at the bottom. Bailey mentioned that having the wires hanging down is probably not good in terms of weather conditions either, and suggested they ask the applicants if there is a way to cover the wires. She said that the color of the boxes is kind of in keeping with the side of the building, but is not quite the same color, and suggested they ask if there is a better color match to the side of the building. Bailey discussed her recommendations and pointed out that the proposal seems to remove most of the mechanical equipment from the top of the building and it increases the amount that is on the sides of the building. She said that one expects to see mechanical equipment on top of a building, so it is generally ignored in that location. She said that rather than including more infrastructure hanging off the sides of the building, her preference is that they put mechanical equipment on top of the building, even if it is a set of antennas that are visible. She said that if the applicants do end up installing boxes that hang off the sides, she is interested in seeing if the wires can be enclosed and the boxes can better match the color of the existing building. Arnesen said that those recommendations sound good, and Kaliszewski agreed.

Bailey explained that the State Street District was determined eligible to the National Register, and this particular building has distinctive architecture. She said that staff believes that placing additional antennas on the side of the building will negatively impact the architectural character of the Irish Pub building and the properties within the viewshed of that building along State Street. She said that particularly on the west side looking down State Street, they need to look at the cumulative effects in that area because she thinks it is too much. She explained the determination the Landmarks Commission needs to make regarding whether the proposal meets the criteria for an Adverse Effect. McLean said that he agreed with Bailey's recommendation and the suggested methods to mitigate the visual impacts. Arnesen asked if staff's recommendation is that if the applicant completes the suggested methods to mitigate visual impacts that they would no longer consider it an Adverse Effect. Bailey confirmed that is correct. McLean asked if they would be able to review the project again in the future. Bailey said that they could ask to review it again. Kaliszewski explained that if the Landmarks Commission determines there is an Adverse Effect, that information would go to the State Historic Preservation Office and the reviewer would determine if they agree and what mitigation is needed.

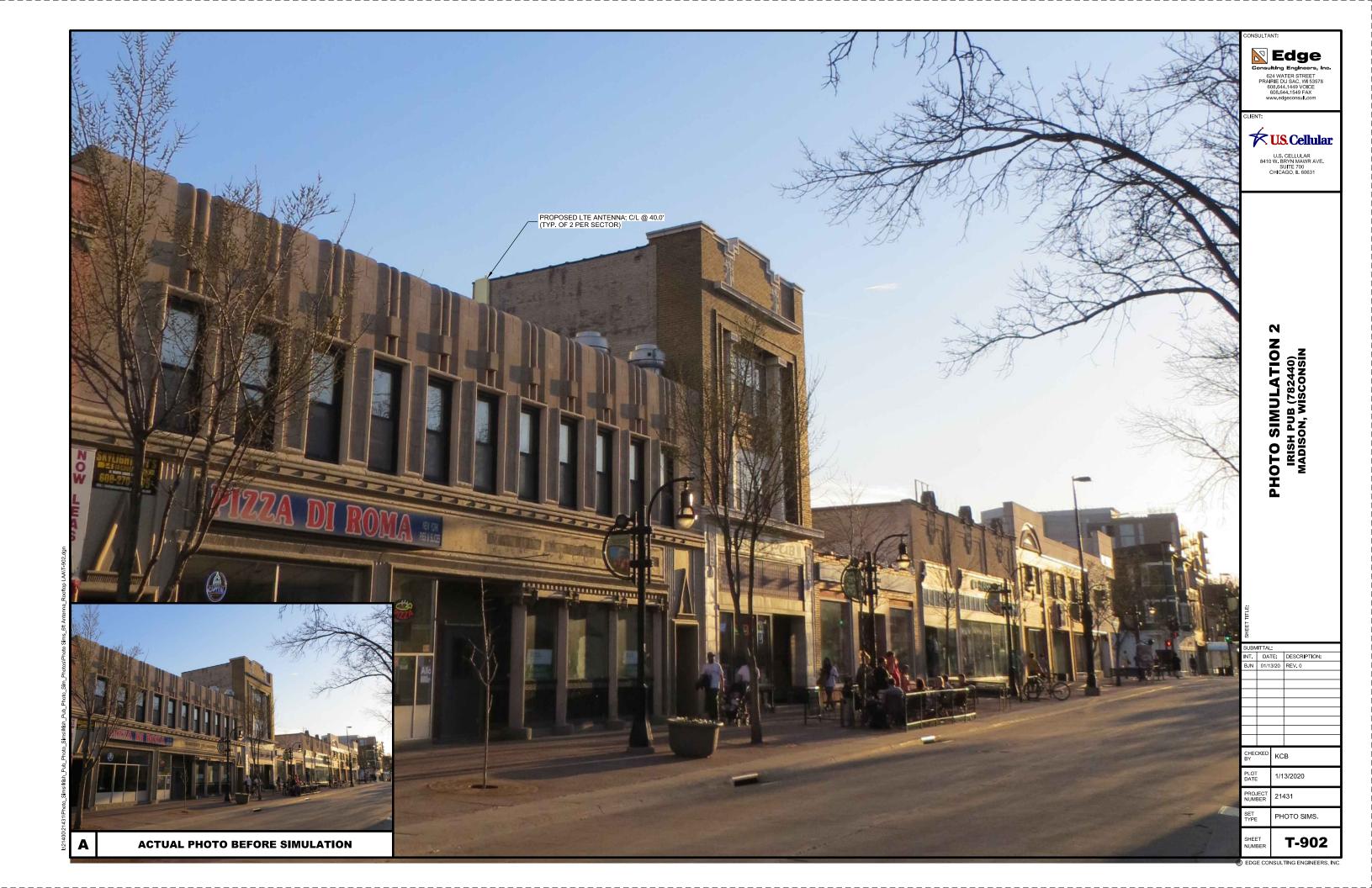
ACTION:

A motion was made by McLean, seconded by Martin, to determine that the proposal would meet the criteria for an Adverse Effect. The motion passed by voice vote/other.





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SITE LOCATION



IRISH PUB (782440) MADISON, STATE **MODERNIZATION DRAWINGS: WAVE 1** AX110-L-SS-CDMA: E// B71/B12 / B2/B4 / 2T2R B5 / B46 **ROOFTOP INSTALLATION**

CLIENT

U.S. CELLULAR

CHICAGO, IL 60631 CONTACT: BRIAN BUTH

SITE ACQUISITION:

SITE LOCATION: 317 STATE STREET

MADISON, WI 53703

ENGINEERING COMPANY:

PRAIRIE DU SAC WI 53578

WIRELESS PLANNING, LLC

CONTACT: JIM WEINMANN 920-982-3286

NEW LONDON, WI 54961

8410 W. BRYN MAWR AVE., SUITE 700

EDGE CONSULTING ENGINEERS, INC. 624 WATER STREET

PROJECT MANAGER: KEN BAUMGARDT

SITE LOCATION MAPS SCOPE OF WORK

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Festival Foods ©	ROOFTOP SCOPE				
James Madison Park		QTY.	EQUIPMENT	ACTION	
RTH LEAST THE STATE OF THE STAT	EX. EQUIPMENT:	3	CDMA ANTENNA(S)	TO BE REMOVED	EQUIPMENT:
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errace O Madison Children's O Museum		3	RAYCAP SPD(S)	TO BE REMOVED	
The Madison of Concourse Hotel and	•	3	RADIO UNIT(S)	TO BE REMOVED	
Wisconsin State Capital	FINAL EQUIPMENT:	6	LTE ANTENNA(S) @ 40'	TO BE INSTALLED	GROUND BARS
Smile Direct Club SITE LOCATION King St		3	LAA RADIO(S) W/ BUILT-IN ANTENNA	TO BE INSTALLED	
seeum of Art 🗣		6	7/8" CDMA COAX	EXISTING	
ison 14 August 1997		3	1-1/4" EUPEN HYBRID CABLE(S)	TO BE INSTALLED	U.S. CELLUL
V Johnson St. Monona Terrace (1)		3	RAYCAP SPD(S)	TO BE INSTALLED	EXISTI
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W Dayton St	COAX JUMPERS: SEE T-502 FOR	9	RET JUMPER(S)	TO BE INSTALLED	* E
	QUANTITY AND LENGTHS	6	CDMA COAX JUMPERS	TO REMAIN	
Kohl Center Q	LENGTHS	6	LTE COAX JUMPERS	TO BE REMOVED	
	GPS ANTENNAS:	1	CDMA GPS ANTENNA(S)	TO BE REMOVED	
		1	LTE GPS ANTENNA	TO BE INSTALLED	
Bayview Foundation, Inc.	GROUND BARS:	3	SECTOR GROUND BARS	TO REMAIN	
v l		2	COLLECTOR GROUND BARS*	TO REMAIN	
Parkview Apartments	CABLE ROUTE:	1	VERTICAL CABLE TRAY	TO REMAIN	

	EQUIPMENT PLATFORM SCOPE							
TION		QTY.	EQUIPMENT	ACTION				
REMOVED	EQUIPMENT:	1	RAYCAP SPD(S)	TO BE REMOVED				
REMOVED		6	RADIO UNITS	TO BE REMOVED				
REMOVED		6	LTE DIPLEXERS	TO BE REMOVED				
REMAIN		1	RBS 6102 CABINET	TO BE REMOVED				
REMOVED		1	RBS 6120 RADIO CABINET	TO BE INSTALLED				
REMOVED		1	BBS 174 BATTERY CABINET	TO BE INSTALLED				
REMOVED		3	RAYCAP SPD(S)	TO BE INSTALLED				
NSTALLED	GROUND BARS:		GROUND BAR AT PLATFORM*	TO REMAIN				
NSTALLED								
STING	SPECIAL REQUIREMENTS							
NSTALLED	U.S. CELLULAR PANEL ANTENNAS TO BE VERTICALLY CENTERED ON MOUNTS.							
NSTALLED	EXISTING EQUIPMENT SLED MOUNTS TO BE REMOVED & REPLACED							
NSTALLED	EQUIPMENT PLATFORM MODIFICATIONS REQUIRED PER STRUCTURAL ANALYSIS							

U.S. CELLULAR PANEL ANTENNAS TO BE VERTICALLY CENTERED ON MOUNTS.
EXISTING EQUIPMENT SLED MOUNTS TO BE REMOVED & REPLACED
EQUIPMENT PLATFORM MODIFICATIONS REQUIRED PER STRUCTURAL ANALYSIS
* BRING UP TO U.S. CELLULAR STANDARDS AS NECESSARY

PROJECT INFO

DIRECTORY

SITE #: 782440 PROPERTY OWNER (2): IRISH PUB
VINCE & ARLINE MACKESEY 482 SOUTH SEGOE ROAD MADISON, WI 53711 PHONE: 608.238.3553 ACCESS CONTACT: MARK MACKESEY PHONE: 608,256,6071

SOAP OPERA 318 STATE STREET PHONE: 608.251.4051

SITE COORDINATES (PER PREVIOUS SURVEY): LAT: 43°-04'-28.67" LONG: 89°-23'-27.19" GROUND FLEVATION (NGVD 29): 874 6'

I HEREBY CERTIFY THAT THIS PLAN SET WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION OTHER THAN THE EXCEPTIONS NOTED IN THE SHEET INDEX. AND THAT LAM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WISCONSIN.

** SEE STRUCTURAL ANALYSIS FOR APPROVED

DETAILS AND SPECIFICATIONS:

FOR CONVENIENCE ONLY

CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS/CONDITIONS ON SITE. IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO PERFORMING ANY WORK OR BE RESPONSIBLE FOR THE SAME.

SHEET INDEX

EXISTING EQUIPMENT SITE PLAN

FOUIPMENT PLATFORM PLAN

FOUIPMENT CABINET DETAILS

ANTENNA SPECIFICATIONS

EQUIPMENT SPECIFICATIONS

MOUNTING SPECIFICATIONS

ANTENNA CONFIGURATION

INSTALLATION DETAILS **

CABLE BANDING DETAILS

PLUMBING DIAGRAM

GROUNDING DETAILS

EQUIPMENT DETAILS

SITE ELEVATION

CABLE DETAILS

SITE PHOTOS

TITLE SHEET

SITE PLAN

SHEET TITLE

NO.:

G-001

C-101

C-102

A-101

A-102

A-501

T-001

T-201

T-301

T-501

T-502

T-503

T-504

T-901

E-501

ENGINEER SEAL:

TOLL FREE: 1-800-242-8511

TO OBTAIN LOCATION OF PARTICIPANTS'

UNDERGROUND FACILITIES BEFORE YOU DIG

IN WISCONSIN, CALL DIGGERS HOTLINE

EXCAVATE

TITLE SHEET IRISH PUB (782440) MADISON, WISCONSIN

Edge

624 WATER STREET PRAIRIE DU SAC, WI 53578

V.S. Cellular

SUITE 700 CHICAGO, IL 60631

	CV	10/15/19		REV. 0	
	BJN	01/03/20		REV. 0	
	CHEC	JECT 21		В	
	PLOT DATE			/2020	
	PRO. NUM			431	
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	SHEE			G-001	
C EDGE CONSULTING ENGINEERS INC					

T. DATE: DESCRIPTION:

CV 7/25/19 REV. A

CONTRACTOR TO REVIEW STRUCTURAL REPORT IN ITS ENTIRETY. ANY DISCREPANCIES OR DISACREEMENTS BETWEEN THE REPORT AND THESE PLANS SHOULD BE RESOLVED PRIOR TO CONSTRUCTION.

PARAPET MOUNTED Z-BRACKETS

STRUCTURAL

MP SQUARED STRUCTURAL ENGINEERS, LLC. REPORT # 1916178 DATED: 10/11/2019 CONCLUSION: EXISTING AND PROPOSED ANTENNA

THE EXISTING EQUIPMENT PLATFORM WILL NEED

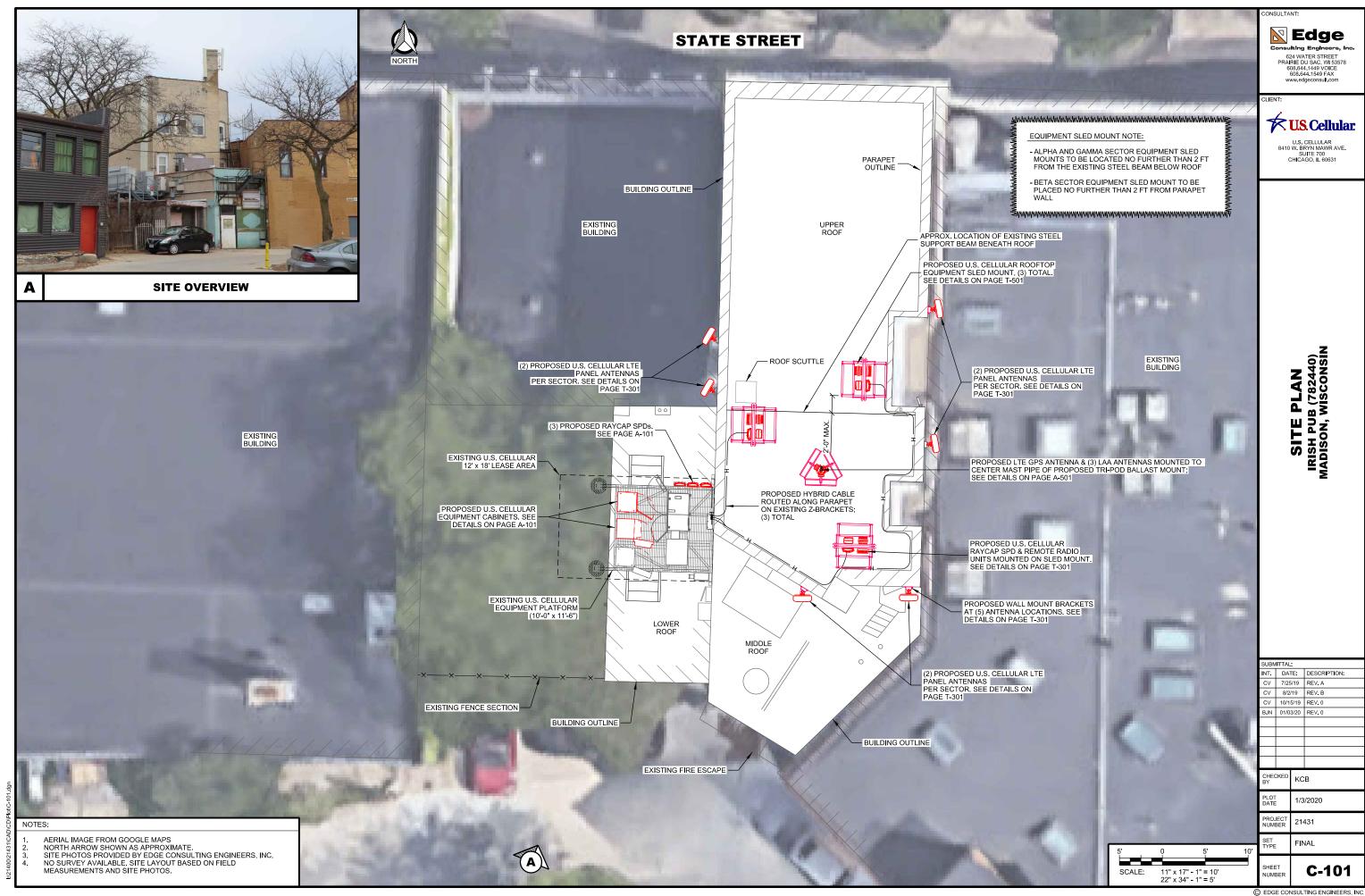
SEPARATELY FROM THIS DRAWING SET

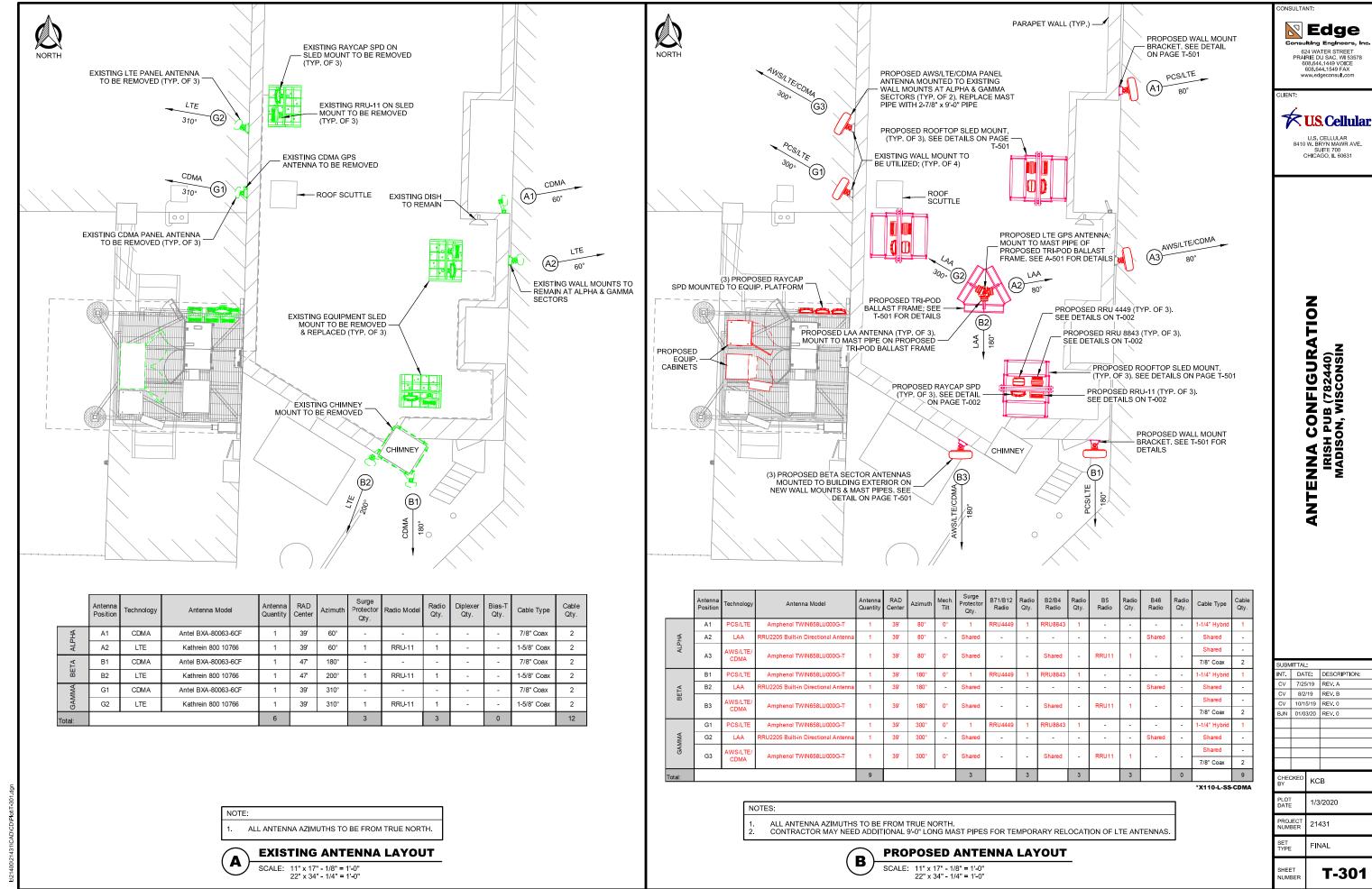
ADDITIONAL FRAMING AND FRAMING MODIFICATIONS TO

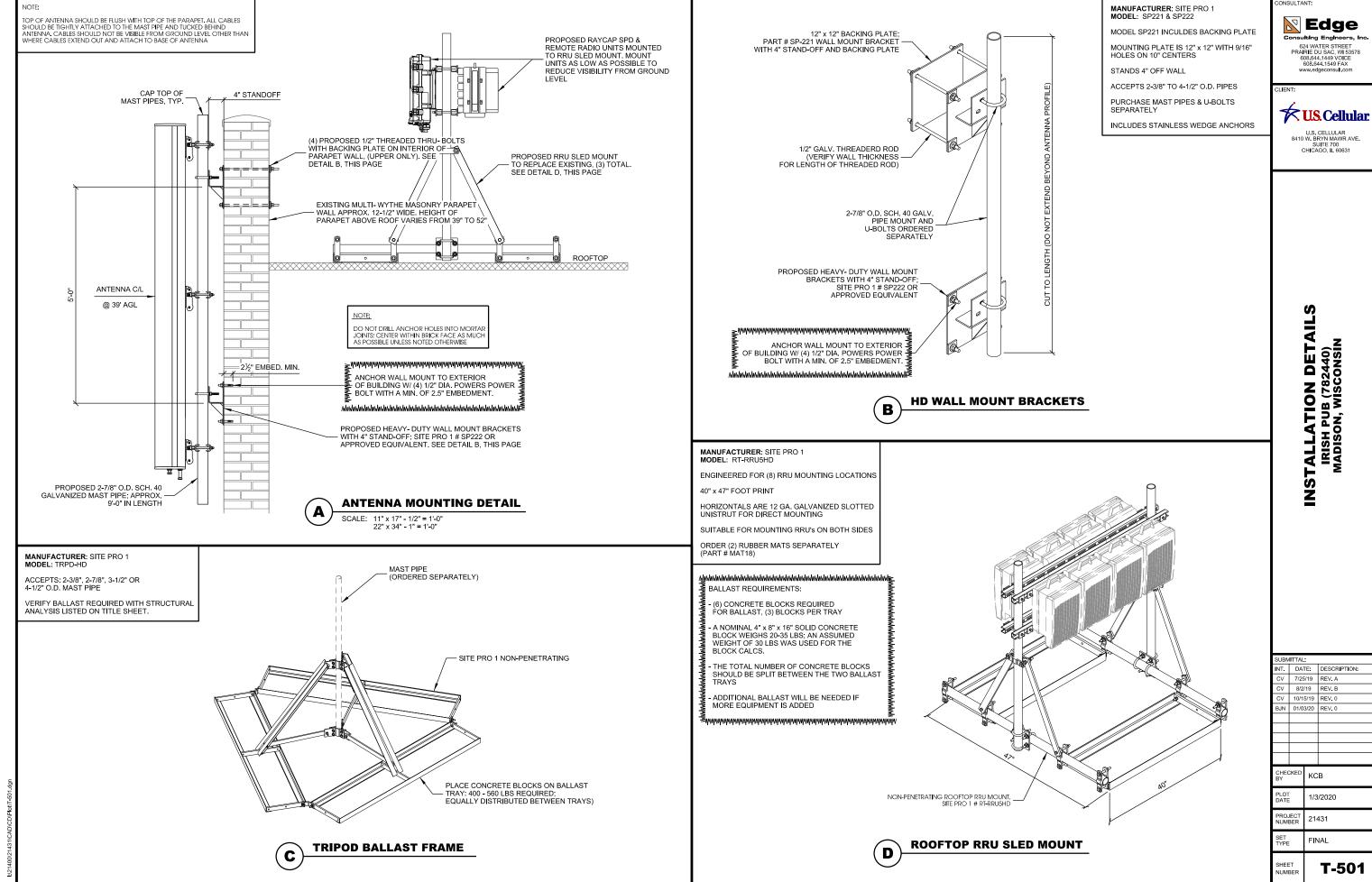
SAFELY SUPPORT EQUIPMENT CABINETS. PLATFORM MODIFICATION DRAWINGS TO BE COMPLETED

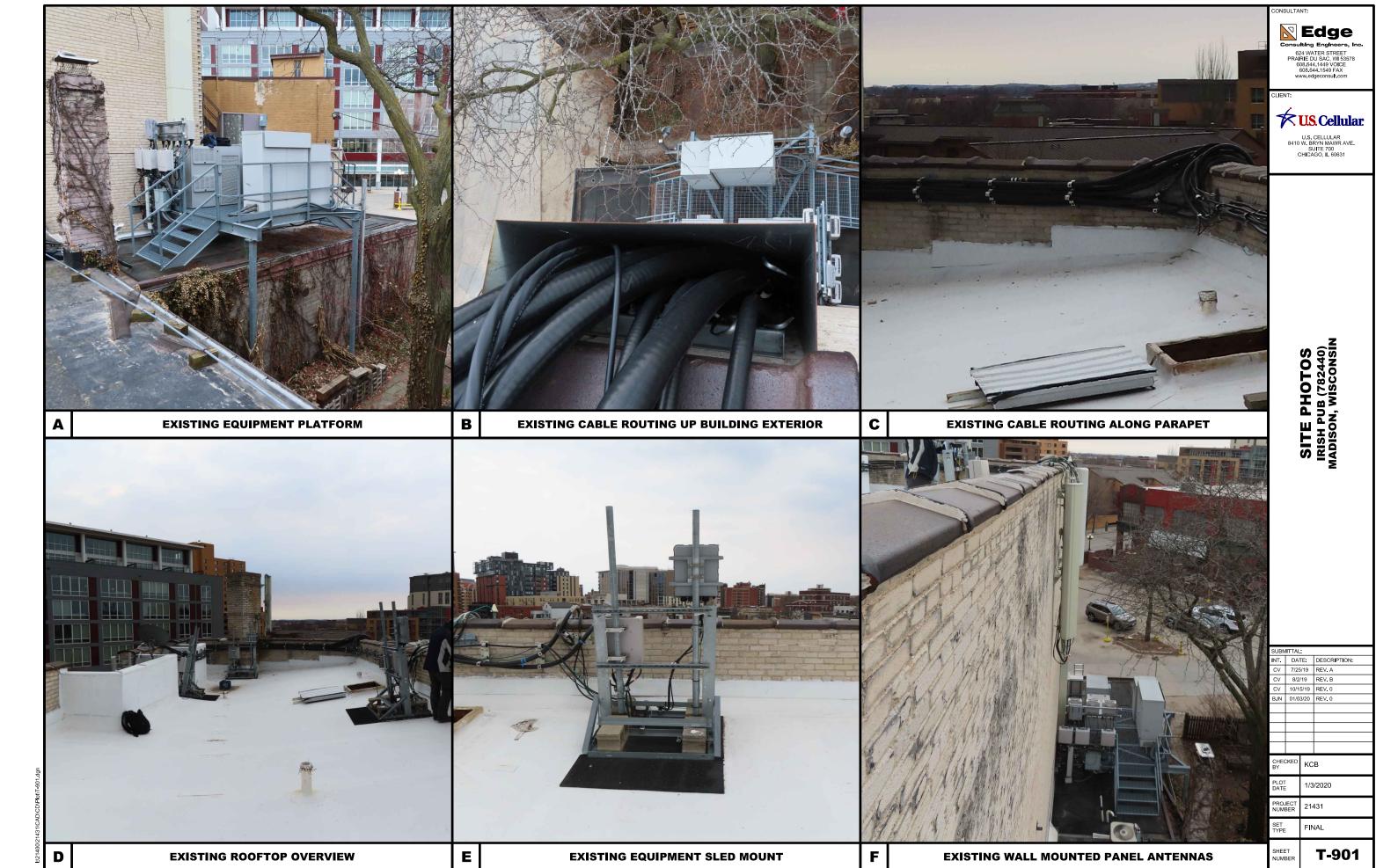
STRUCTURAL / MOUNT ANALYSIS:

MOUNTS ARE ADEQUATE.

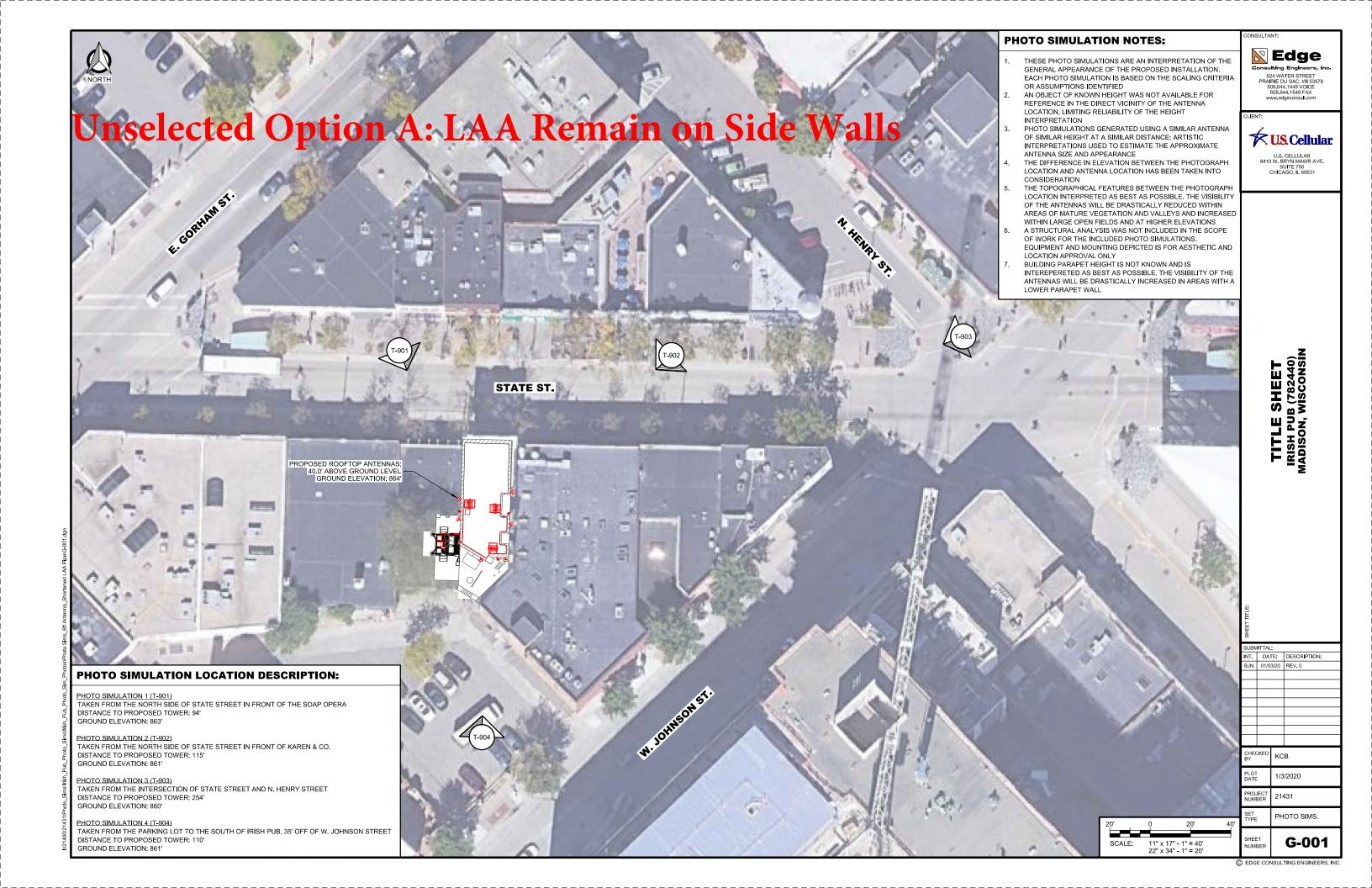








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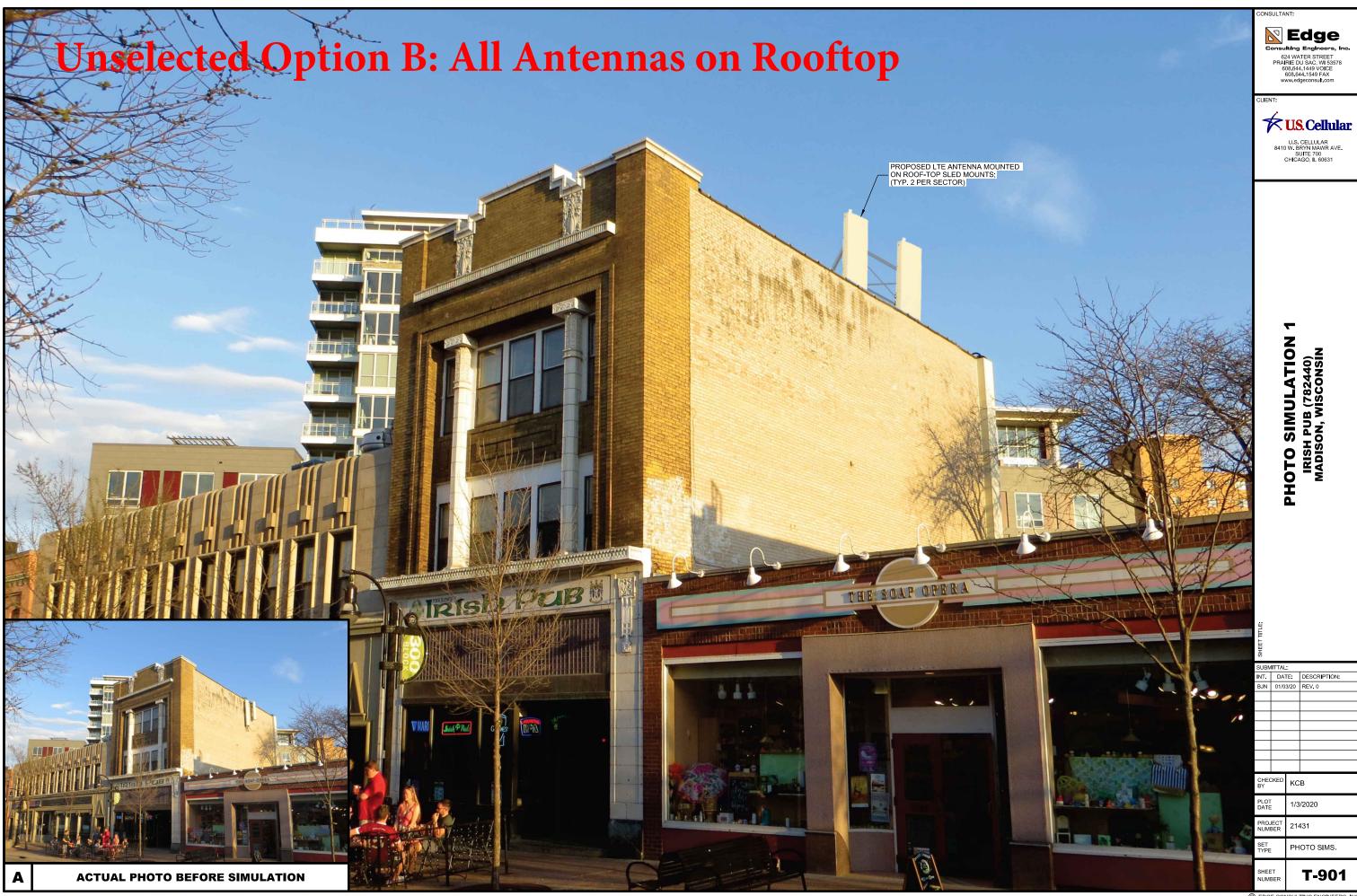


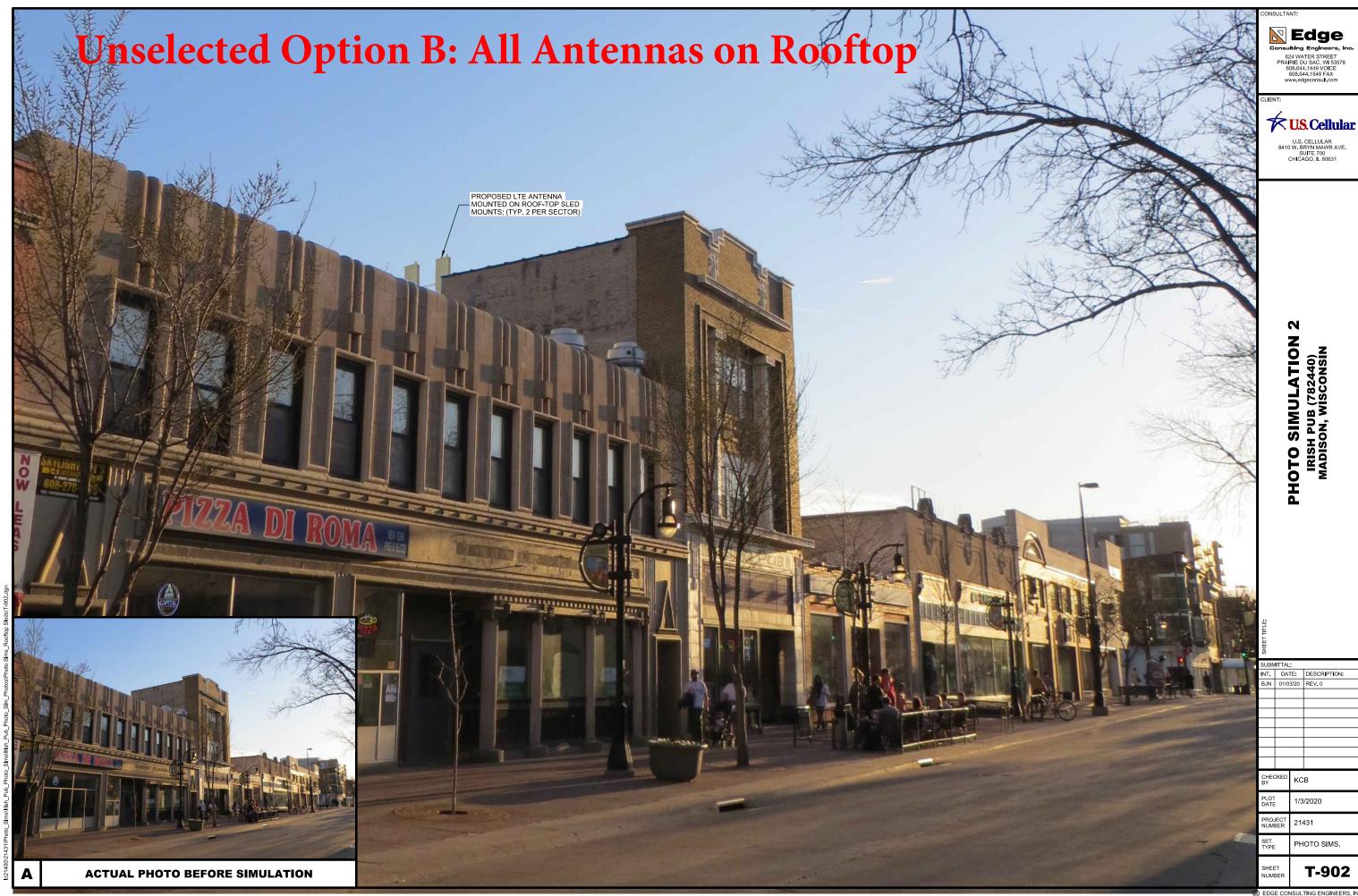


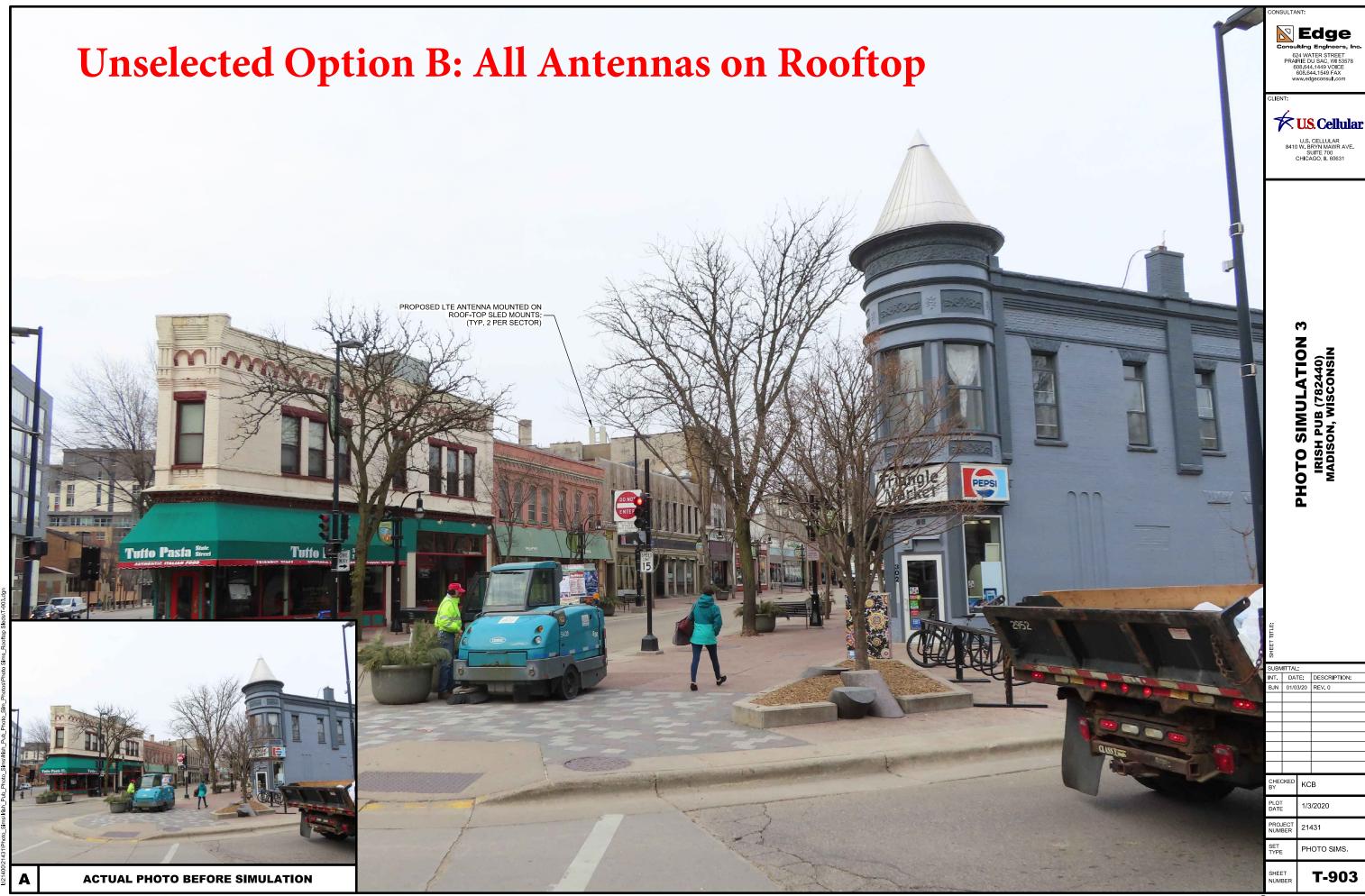












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