

HISTORIC AND DESIGN REVIEW COMMISSION

March 02, 2022

HDRC CASE NO: 2022-125
ADDRESS: 411 BARRERA
LEGAL DESCRIPTION: NCB 715 BLK LOT 11
ZONING: MF-33 S, H
CITY COUNCIL DIST.: 1
DISTRICT: Lavaca Historic District
LANDMARK: Individual Landmark
APPLICANT: Lewis Martin/108092
OWNER: Lewis Martin/SAN ANTONIO HOUSING AUTHORITY
TYPE OF WORK: Antenna and communications equipment installation
APPLICATION RECEIVED: February 02, 2022
60-DAY REVIEW: Not applicable due to City Council Emergency Orders
CASE MANAGER: Edward Hall

REQUEST:

The applicant is requesting a Certificate of Appropriateness for approval to install cellular communications equipment on the north, east and west building elevation at 411 Barrera, located within the Lavaca Historic District.

APPLICABLE CITATIONS:

Historic Design Guidelines, Chapter 3, Guidelines for Exterior Maintenance and Alterations

A. LOCATION AND SITING

- i. Visibility*—Do not locate utility boxes, air conditioners, rooftop mechanical equipment, skylights, satellite dishes, cable lines, and other roof appurtenances on primary facades, front-facing roof slopes, in front yards, or in other locations that are clearly visible from the public right-of-way.
- ii. Service Areas*—Locate service areas towards the rear of the site to minimize visibility from the public right of-way. Where service areas cannot be located at the rear of the property, compatible screens or buffers will be required.

B. SCREENING

- i. Building-mounted equipment*—Paint devices mounted on secondary facades and other exposed hardware, frames, and piping to match the color scheme of the primary structure or screen them with landscaping.
- ii. Freestanding equipment*—Screen service areas, air conditioning units, and other mechanical equipment from public view using a fence, hedge, or other enclosure.
- iii. Roof-mounted equipment*—Screen and set back devices mounted on the roof to avoid view from public right-of-way.

FINDINGS:

- a. The structure at 411 Barrera was constructed circa 1960 and is located within the Lavaca Historic District.
- b. EQUIPMENT INSTALLATION – At this time, the applicant is requesting a Certificate of Appropriateness for approval to install cellular communications equipment on the north, east and west building elevations. The applicant has proposed for the panels to be installed flush to the facades, and painted to match the facades. Support equipment will also be located on the roof. The Guidelines for Additions 5.A.i. notes that utility boxes, air conditioners, rooftop mechanical equipment, skylights, satellite dishes, cable lines, and other roof appurtenances should not be located on primary facades, front-facing roof slopes, in front yards, or in other locations that are clearly visible from the public right-of-way. Staff finds that the proposed panels will be located on primary facades where they will be visible from the right of way.
- c. EQUIPMENT INSTALLATION – The applicant has noted that installation of communications equipment, specifically antennas is not possible on the roof due to existing infrastructure locations and effectiveness of the equipment. The three facades where the applicant has proposed to install the equipment are currently uninterrupted. Staff finds that locating the panels on the rooftop, away from a primary façade where visibility will be minimized is most appropriate and consistent with the Guidelines.

- d. FUTURE INSTALLATION – Regulation allow colocation by right. In general, there is a concern regarding additional colocations and installations at this location.

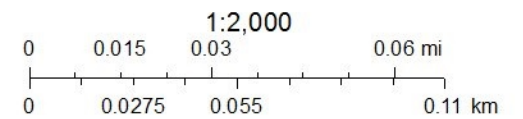
RECOMMENDATION:

Staff does not recommend approval based on findings b and c. Staff recommends the panels be relocated to the roof where they will not be located on a primary façade and will not be visible from the right of way.

City of San Antonio One Stop



February 25, 2022





Thursday, February 24, 2022

Edward Hall

Senior Historic Preservation Specialist

Design Review, HDRC & Enforcement

City of San Antonio · Office of Historic Preservation

1901 South Alamo · San Antonio, TX 78204

Direct: 210.207.4680 · Office: 210.207.0035

RE: 411 Barrera Street – Historical Information for Placement of Antennas

I wanted to share information with you concerning the placement of the antennas on the Victoria Plaza Apartments at 411 Barrera Street. I hope this explains the reasoning for why these antennas have been proposed in this location from a functional perspective, and also from input from the OHP.

Here's the background:

- Verizon Wireless has been working with SAHA since prior to 2016 to place antennas on this building, to provide needed wireless service to these tenants of this building and to the neighbors of the community.
- SAHA has been in the process of rehabbing this building during this time and it's currently at 90-95% complete. During this time, Verizon Wireless has been working with SAHA's architect (DHR) and SAHA's contractors to place these antennas in a location that would have the least impact to their project while also having the ***least impact visually*** to the adjacent neighborhood.
- Verizon Wireless considered mounting antennas at several locations on this building. Verizon Wireless engineers needed these antennas to be placed at the 20°, 140°, 260° azimuths on the rooftop. Those azimuths, if placed on the penthouse at the center of the building, would not allow the antennas to operate properly, since the roof below ***would "bounce" the signal back up into the air***. This is referred to as "signal blocking" or "signal bouncing". (See Attachment #1)
- With that being the case, Verizon Wireless reached out to the OHP and held a informal conversation with **Huy Pham, Historic Preservation Specialist**. It was understood that similar to 306 West Market Street, the preferred placement of the antennas would be on the side of the building, not on top the roof. The expected conditions to be applied would likely be:
 - i. That the antenna panels are manufactured or painted to match the color of the eave.
 - ii. That every effort should be made to parallel and flush mount the equipment to the eave.
- The reason for this was the notice Verizon Wireless was provided for 306 W. Market Street (Verizon - CPS Downtown Replacement) on 7/11/2019 for the hearing on 7/17/20219 for the consent docket approval, as well as other sites. (See Attachment #2)
- In 2018-19, I worked on a project at 306 W. Market Street with Verizon Wireless and ArchComm (VZW's engineering firm) to place antennas on that rooftop. I help design it so the antennas would be place on sled-mounted pipe on the roof, at a 1:1 setback away from the edge of the roof, making the antennas not visible from the street below. (See Attachment #3) ***That design was changed to placing the antennas on the side of the building, at the OHP's request.*** That was the discussion

that you and I held yesterday, which the revision seemed to be contrary to the type of designs that I have done in my previous 27 years of experience when working with historical commissions in various jurisdictions throughout the States. I may have not been privy to the specific reasoning that probably adequately explained and justified this reasoning for this specific property, but we were told that was the ***preferred method*** in general.

Please let me know if you have any question. It is always my intent to look for locations that have the least visual impact when deciding where to consider placing antennas.

Sincerely,



Lewis Martin

Vice-President, Real Estate & Site Development

ArchComm, LLC

for **verizon**✓

lmartin@archcomm.net

1006 Beckett | San Antonio, TX 78213

(M) 469-347-0920

Attachment #1:



Antennas Location Not Viable:

The **area is red** represent the signal being blocked by the roof below. Location not viable.

Location Suitable for Antenna:

The **area in green** represents the signal not being blocked and working as designed.

Attachment #2:

RE: [EXTERNAL] Verizon - CPS Downtown Replacement



Huy Pham (OHP) <Huy.Pham@sanantonio.gov>

To ○ Kayla Bryson

Cc ○ Vincent Huebinger; ○ Sherry Huebinger; ○ Elizabeth Carrera

Good afternoon,

Staff has reviewed your case and have drafted the following recommendation to the HDRC:

REQUEST: The applicant is requesting a Certificate of Appropriateness for approval to install rooftop telecommunication equipment, including three (3) eave-mounted antennas.

RECOMMENDATION: Staff recommends approval based on findings b through d with the following stipulations:

- i. That the antenna panels are manufactured or painted to match the color of the eave.
- ii. That every effort should be made to parallel and flush mount the equipment to the eave.

Your hearing is on **July 17, 2019** at 3pm at 1901 S Alamo- Board Room. You have been placed on the consent agenda meaning you do not have to present pending no additional public or commission comments.

A public notice yard will be placed on the property before this weekend. **Please bring the yard sign in with you at the time of your hearing.**

No work should occur prior to receiving a Certificate of Appropriateness (COA) or during the review process.

Best,

Huy Pham

Historic Preservation Specialist

Design Review, HDRC & Enforcement

City of San Antonio - Office of Historic Preservation

1901 South Alamo - San Antonio, TX 78204

office: (210)207-0035 - direct: (210)207-5464

www.sanantonio.gov/historic



CITY OF SAN ANTONIO
OFFICE OF HISTORIC PRESERVATION

Attachment #3:





Site Name: CAMARGOST-274551

Date: 1/28/2022

RE: Description of Work

Verizon Wireless is working with SAHA and the City of San Antonio to provide wireless mobile service to the area in and Barrera Street by proposing to place small antennas on the side of the building located at 411 Barrera Street.

These antennas will be painted to match the exterior of the building and will not stick up above the edge of the building, as is the usual request by the office of historic preservation.

Verizon has worked with SAHA to ensure the aesthetic and architectural features of the building are not impaired via this minor antenna installation on the sides of the building, and that all preventative measures are being taken to preserve any and all architectural features of the building.

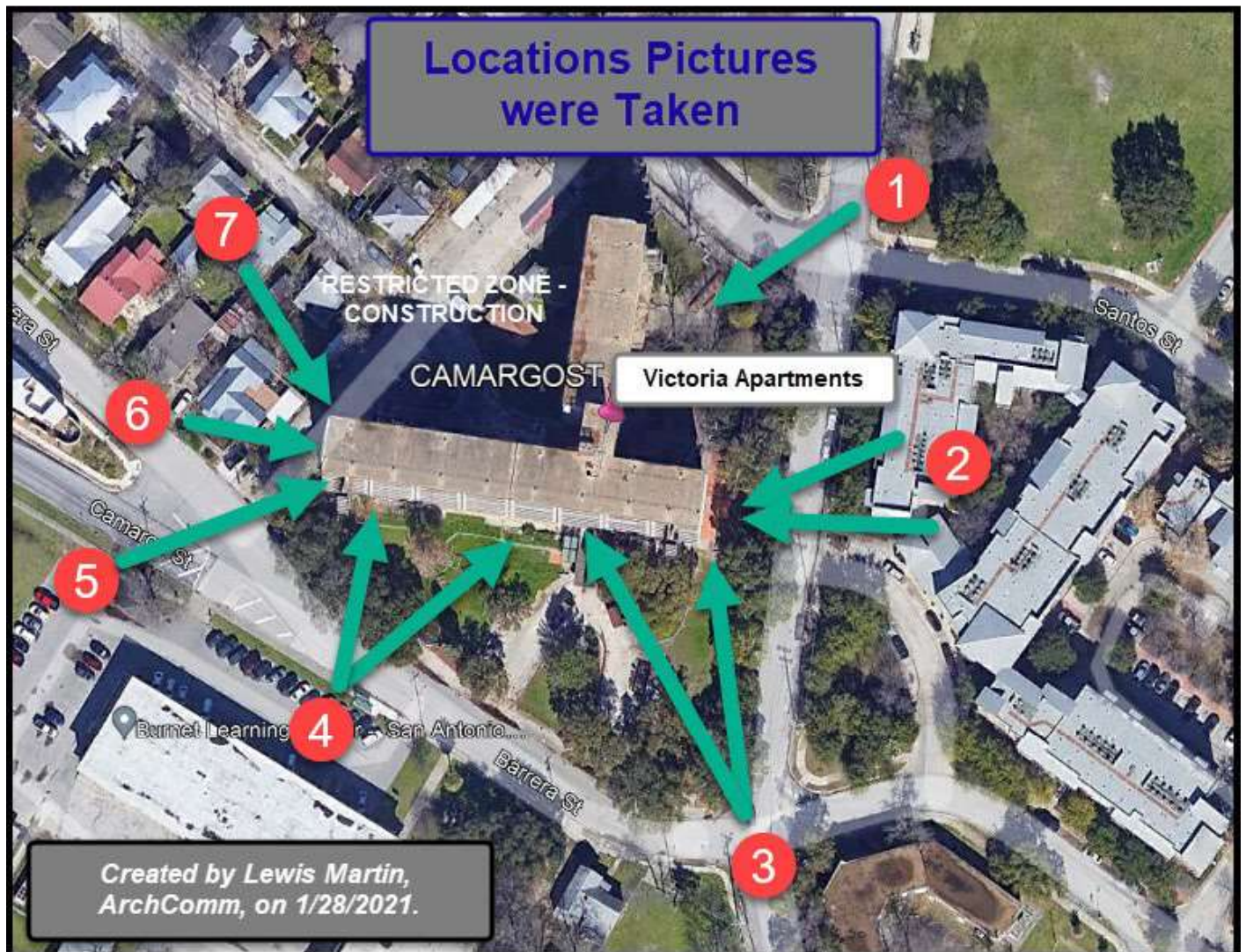

Lewis Martin



Site Name: CAMARGOST-274551

Date: 1/28/2022

RE: Map Legend for Pictures of Property



VIEW FROM LOCATION #1



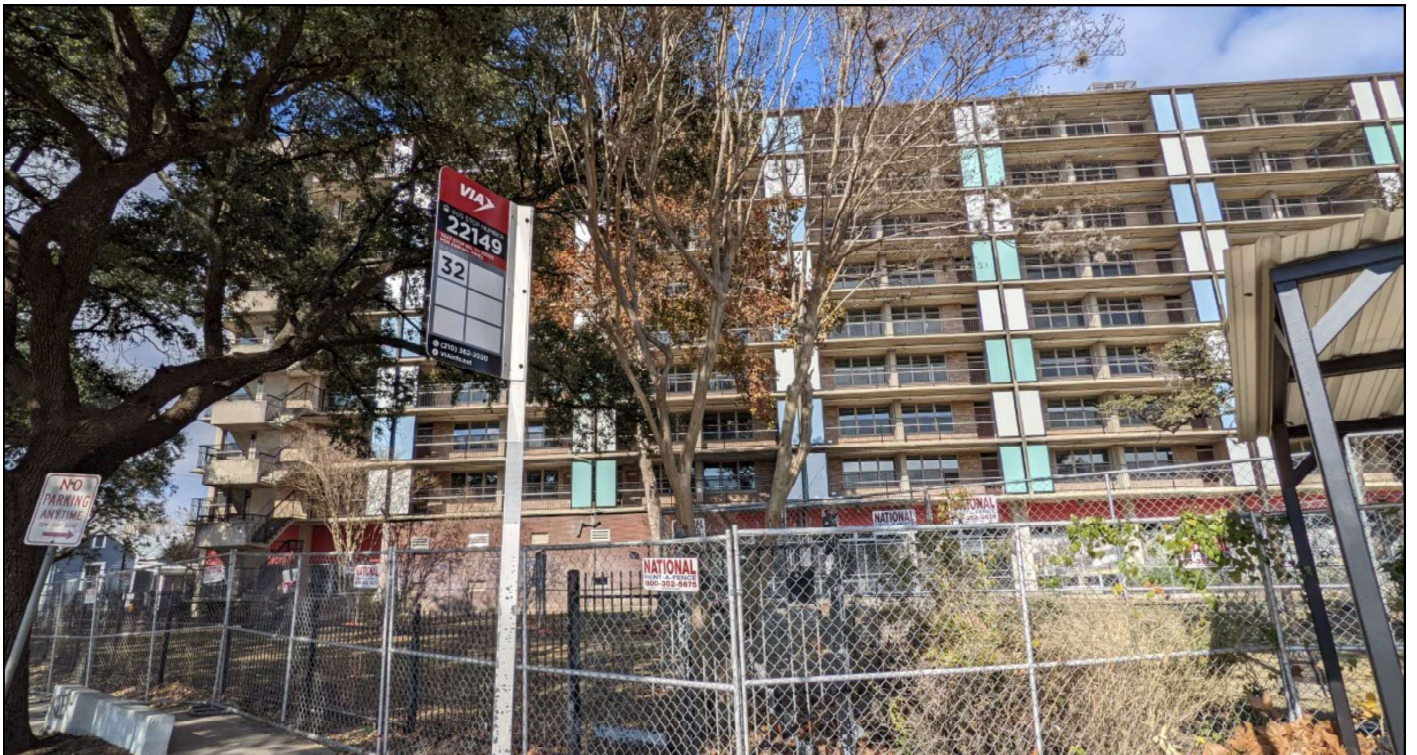
VIEW FROM LOCATION #2



VIEW FROM LOCATION #3



VIEW FROM LOCATION #4



VIEW FROM LOCATION #5

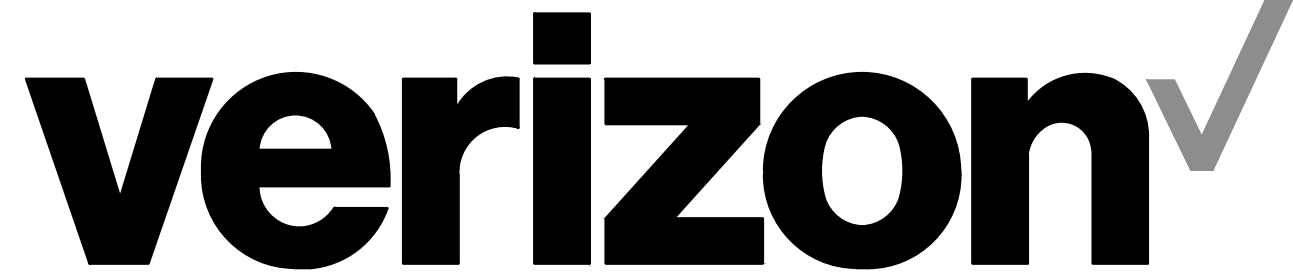


VIEW FROM LOCATION #6



VIEW FROM LOCATION #7





CAMARGOST

411 BARRERA STREET
SAN ANTONIO, BEXAR COUNTY, TEXAS 78204

(274551)

SITE NAME
CAMARGOST
(274551)

SITE ADDRESS
411 BARRERA STREET
SAN ANTONIO, BEXAR COUNTY, TEXAS 78204

PROJECT DATA

PROJECT INFORMATION:			APPLICANT:		LANDLORD:	
JURISDICTION:	CITY OF SAN ANTONIO		VERIZON WIRELESS 6696 TRI COUNTY PARKWAY, STE. 100 SCHERTZ, TEXAS 78154 CONTACT: TIM CALETKA PHONE: (210) 834-1664		SAN ANTONIO HOUSING AUTHORITY 818 S FLORES ST. SAN ANTONIO, TEXAS 78204 CONTACT: RAMIRO MALDONADO PHONE: (210) 477-6017	
CONSTRUCTION TYPE:	UNMANNED TELECOMMUNICATIONS					
LATITUDE:	ALPHA:	29° 24' 53.37" N	BETA:	29° 24' 51.43" N	GAMMA:	29° 24' 51.81" N
LONGITUDE:		98° 29' 04.27" W		98° 29' 03.61" W		98° 29' 06.60" W

DRIVING INSTRUCTIONS

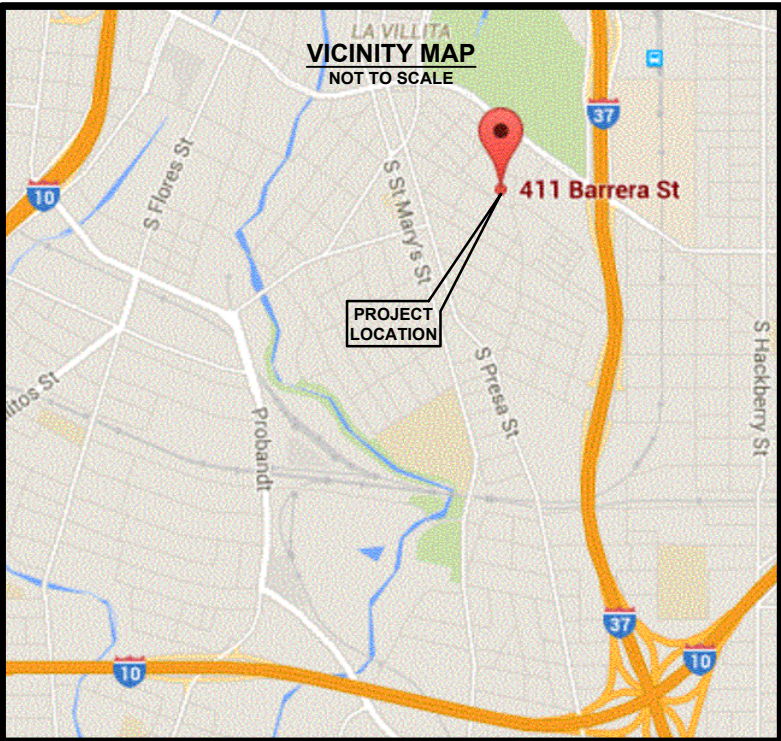
FROM INTERSECTION I-10 & I-37 N. : TAKE I-37 N EXIT CEASAR E. CHAVEZ BLVD;
TURN LEFT AND TURN LEFT ONTO INDIANOLA ST. TURN LEFT ONTO BARRERA ST.
DESTINATION WILL BE ON LEFT. APPROX. 2.2 MILES

PROJECT PARTICIPANTS

ARCHITECTS / ENGINEERS ARCHCOMM LLC. 1006 BECKETT SAN ANTONIO, TEXAS 78213 PHONE: (210) 308-9905 FIRM NUMBER: F-15659	ELECTRICAL ENGINEER EDWARD C. MONACO P.E., INC. 2318 SAN PEDRO AVE., STE #2 SAN ANTONIO, TEXAS 78212 PHONE: (210) 541-0200
CONSTRUCTION MANAGER TRACY REEVES (682) 831-3245	SURVEYOR SOLIS-KANAK & ASSOCIATES 17500 HIGHWAY 306 CANYON LAKE, TEXAS 78133 PHONE: (830) 935-4011
CONSTRUCTION ENGINEER TIM CALETKA (210) 834-1664	

TEAM SIGNOFF

Site Acquisition	_____
Const Supervisor	_____
RF Engineering	_____
Equipment	_____
Telco	_____
Const Manager	_____



PROPRIETARY INFORMATION

NOT FOR USE OR DISCLOSURE OUTSIDE VERIZON WIRELESS
EXCEPT UNDER WRITTEN AGREEMENT

UTILITIES

ELECTRIC COMPANY TXLU	TELEPHONE COMPANY AT&T
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BUILDING CODES

THIS PROJECT WAS DESIGNED IN ACCORDANCE WITH:
2018 INTERNATIONAL BUILDING CODE
2017 NATIONAL ELECTRIC CODE

APPROVAL SIGNATURES
LANDLORD

LEASING

CONSTRUCTION

11.18.21



ARCHCOMM, LLC.
1006 Beckett
San Antonio, Texas 78213
(210) 308-9905
TBPE NO. F-15659

SHEET TITLE

TITLE
SHEET

SHEET HISTORY

10.06.21 PCD

11.18.21 FCD

T1



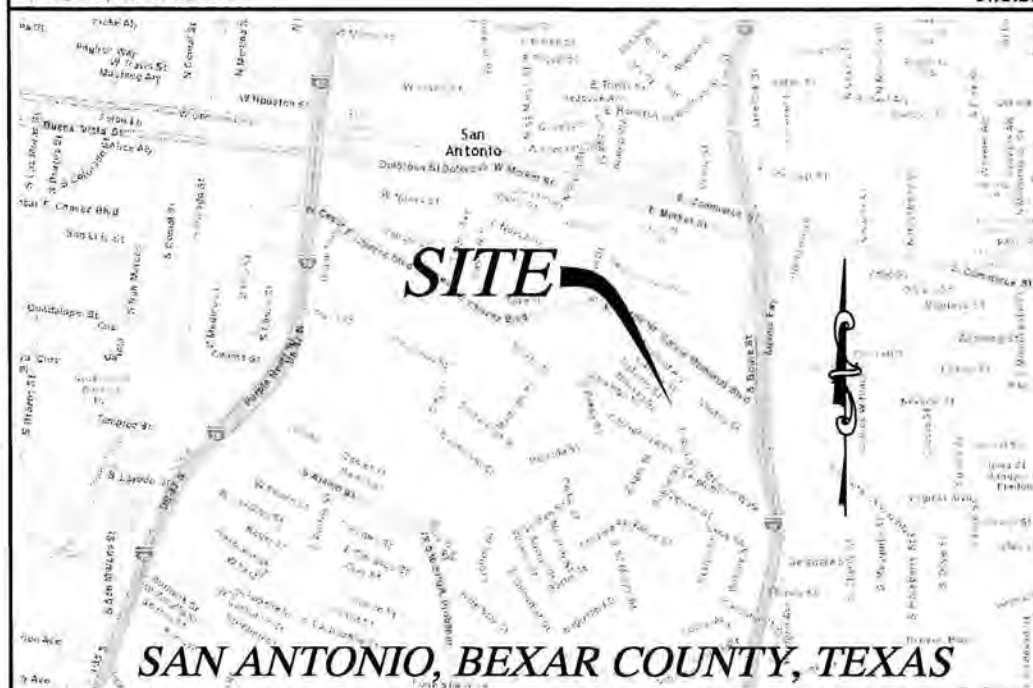
SURVEY OF:

A 10 FOOT WIDE UTILITY/FIBER EASEMENT OUT OF LOT 11, NEW CITY BLOCK (NCB) 715, VICTORIA COURTS ADDITION SUBDIVISION RECORDED IN VOLUME 4305, PAGE 31 DEED AND PLAT RECORDS BEXAR COUNTY, TEXAS.

SUBJECT TO:

- 1) EASEMENTS AND SETBACKS VOLUME 4080, PAGES 105-106 DEED AND PLAT RECORDS BEXAR COUNTY, TEXAS (DPRBCT) VOLUME 4305, PAGES 30-31 DPRBCT.
- 2) RIGHT-OF-WAYS GRANTED TO THE CITY OF SAN ANTONIO VOLUME 4609, PAGE 177 DEED RECORDS BEXAR COUNTY, TEXAS (DRBCT).
- 3) EASEMENTS GRANTED TO KBL CABLESYSTEMS OF THE SOUTHWEST, INC. D/B/A PARAGON CABLE VOLUME 6114, PAGE 717 DRBCT. (BLANKET)
- 4) LESSEE SHALL HAVE ACCESS RIGHTS TO AND FROM LESSEE'S GENERATOR LEASE AREA ALONG ACCESS DRIVES AND UTILITY RIGHTS NECESSARY AND CONVENIENT TO SERVICE LESSEE'S GENERATOR LEASE AREA.

VICINITY MAP



LEGEND

Δ = SET 60D NAIL W/DISK SOLIS KANAK	- OHL - = OVERHEAD LINE
\blacktriangle = SET MAG NAIL W/DISK SOLIS-KANAK	- X - = WIRE FENCE
() = DENOTES BEARINGS & DISTANCES PER RECORD	\bullet = SET 1/2" IRON BAR w/ SOLIS-KANAK CAP
\odot = 1/2" IRON BAR FOUND UNLESS OTHERWISE NOTED.	\square = HWY. CONC. MONUMENT
\odot = UTILITY POLE	(PLAT) = VICTORIA COURTS ADDITION VOL. 4305, PG. 31 DPRBCT
	- D - = WROUGHT IRON FENCE

FLOOD ZONE

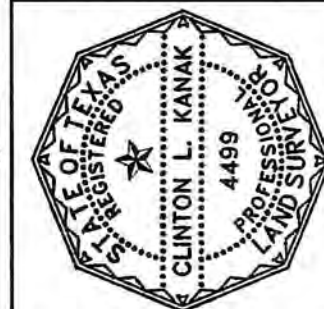
This property described above appears on the Federal Emergency Management Agency Flood Insurance Rate Map: FIRM 48029C0415G, Effective date September 29, 2010. This property appears in Zone "X," areas of minimal flooding, shown on the map. No warranty is expressed or implied is made regarding the accuracy of the National Flood Insurance Program Map.

PROJECT INFORMATION

SITE NAME:	<u>CAMARGOST</u>		
OWNER/LESSOR NAME:	<u>SAN ANTONIO HOUSING AUTHORITY</u>		
SITE ADDRESS:	<u>411 BARRERA ST</u>		
	<u>SAN ANTONIO, TX 78204</u>		
LATITUDE:	<u>29° 24' 53.37" N</u>	LONGITUDE:	<u>98° 29' 04.27" W</u>
GROUND ELEVATION:	<u>646.3' AMSL</u>		
LATITUDE NORTH :	29° 24' 53.37"		29° 24' 52.63"
LONGITUDE WEST :	98° 29' 04.27"		98° 29' 03.11"
SYSTEM :	GEODETIC		GEODETIC
DATUM TRANS. :	NAD 1983		NAD 1927
ELLIPSOID :	GRS 1980		CLARK 1866

NOTES:

- 1) ALL ELEVATIONS ARE MEAN SEA LEVEL. (NORTH AMERICAN VERTICAL DATUM OF 1988)
- 2) METES AND BOUNDS DESCRIPTION PREPARED THIS DATE.
- 3) THIS SURVEY WAS PERFORMED WITH THE BENEFIT OF AN ABSTRACTOR CERTIFICATE BY TEXAS ABSTRACT SERVICES DATED APRIL 14, 2016, CERTIFIED THROUGH APRIL 8TH, 2016 AND A NOTHING FURTHER CERTIFICATE DATED JANUARY 31, 2017 AND CERTIFIED THROUGH JANUARY 27, 2017.
- 4) BEARINGS BASED ON TEXAS STATE PLANE COORDINATES SOUTH CENTRAL ZONE (NAD 83).



I, THE UNDERSIGNED, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS, HEREBY CERTIFY TO VERIZON WIRELESS, AND THEIR RESPECTIVE SUCCESSORS AND ASSIGNS IN INTEREST THAT THIS SURVEY SUBSTANTIALLY COMPLIES WITH THE CURRENT TEXAS SOCIETY OF PROFESSIONAL SURVEYORS STANDARDS AND SPECIFICATIONS FOR A CATEGORY IB, CONDITION 3 SURVEY.

Clinton L. Kanak
CLINTON L. KANAK, R.P.L.S.
REGISTERED PROFESSIONAL LAND SURVEYOR NO. 4499



JOB NUMBER: 14-0112

DATE: 07-01-16

REV. I: 05-31-17
ADD 10 FOOT WIDE UTILITY EASEMENT.
REV. II: 09-14-21
RELOCATED 10 FOOT WIDE UTILITY/FIBER EASEMENT. REMOVED GENERATOR LEASE AREA

DRAWN BY: M.H.
REVISED BY: M.H.

SHEET NO.
1 of 2

Solis-Kanak & Associates, Inc.

Professional Surveyors

FIRM LICENSE NO. 10140200

17500 FM 306

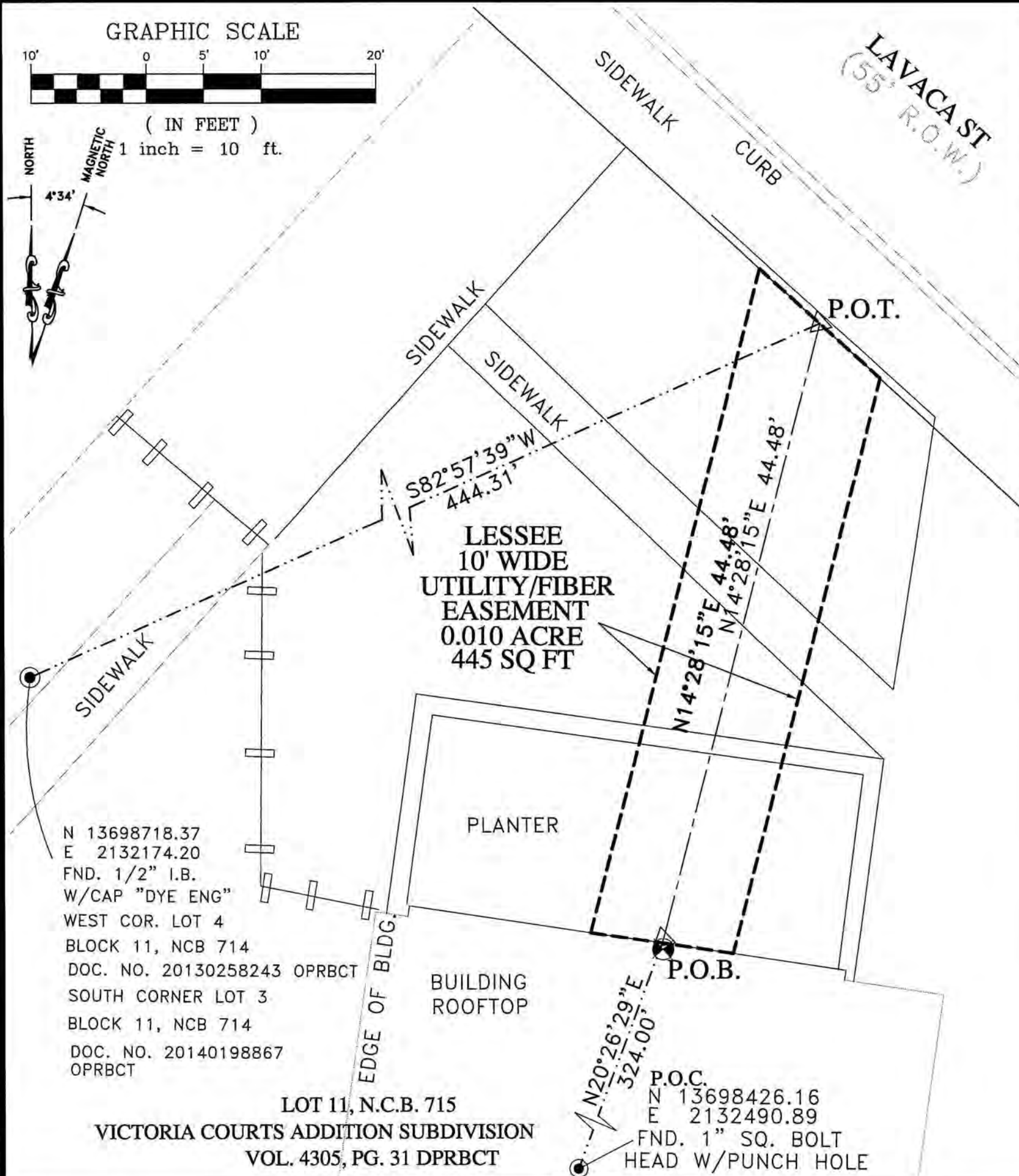
CANYON LAKE, TX 78133

(830) 935-4011 FAX (830) 935-4012



ArdiComm Design, Inc. Architects
1840 Lockhill-Selma, Suite 101
San Antonio, Texas 78215
(210) 506-5905

CAMARGOST
SAN ANTONIO
BEXAR COUNTY, TX



**Lessee
Utility Fiber Easement
Camargost**

Field notes for a 445 square foot tract of land out of Lot 11, New City Block (NCB) 715, Victoria Courts Addition Subdivision recorded in Volume 4305, Page 31 Deed and Plat Records Bexar County, Texas, and being more particularly described by metes and bounds as follows with all bearings being based on Texas State Plane Coordinates South Central Zone (NAD 83):

Commencing: at a found 1" square bolt-head with punch hole (N 13698426.16, E 2132490.89) marking an angle point on the northeast right-of-way line of Barrera Street (variable width ROW) and an angle point on the southwest line of said Lot 11, from which a found 1/2" iron bar (N 13698718.37, E 2132174.20) with cap (Dye Eng) lying on the northeast line of said Barrera Street marking the west corner of Lot 4, Block 11, NCB 714 City of San Antonio, recorded in Document No. 20130258243 Official Public Records Bexar County, Texas (OPRBCT) and the south corner of Lot 3 of said Block 11, NCB 714 City of San Antonio, recorded in Document No. 20140198867 OPRBCT bears N 47° 18' 08" W (Bearing Basis) 430.91 feet (called N 50° 39' 37" W) for reference and being N 59° 07' 07" W, 144.24 feet (called N 62° 03' 27" W, 144.06 feet) from a found 1/2" iron bar marking a point of curvature on the northeast line of said Barrera Street and the southwest line of said Lot 11;

Thence: N 20° 26' 29" E, 324.00 feet, into said Lot 11, to a set 60d nail with disk (Solis-Kanak) at a building wall for the **Place of Beginning** of the centerline of the herein described tract;

Thence: N 14° 28' 15" E, 44.48 feet, along the centerline of the herein described tract, to a set 60d nail with disk (Solis-Kanak) for the **Place of Terminus** of the centerline of the herein described tract lying on the southwest right-of-way line of Lavaca Street (55' ROW) and the northeast line of said Lot 11, from which said 1/2" iron bar with cap (De Eng) bears S 82° 57' 39" W, 444.31 feet for reference, the herein described tract being at 5.00 feet on either side of the above described centerline abutting and adjoining said Lavaca Street and containing 445 square feet of land more or less.



Solis-Kanak & Associates, Inc.

Professional Surveyors
FIRM LICENSE NO. 10140200

17500 FM 306
CANYON LAKE, TX 78133
(830) 935-4011 FAX (830) 935-4012

JOB NUMBER: 14-0112

DATE: 07-01-16

REV. I: 05-31-17
ADD 10 FOOT WIDE UTILITY
EASEMENT.

REV. II: 09-14-21
RELOCATED 10 FOOT WIDE
UTILITY/FIBER EASEMENT.
REMOVED GENERATOR
LEASE AREA

DRAWN BY: M.H.
REVISED BY: M.H.

SHEET NO.
2 of 2

CAMARGOST
SAN ANTONIO
BEXAR COUNTY, TX



ArchComm Design, Inc. Architects
1840 Lockhill-Selma, Suite 101
San Antonio, Texas 78213
(210) 508-9905



1 BETA SECTOR- BUILDING PHOTOGRAPH



2 GAMMA SECTOR- BUILDING PHOTOGRAPH



3 ALPHA SECTOR- BUILDING PHOTOGRAPH

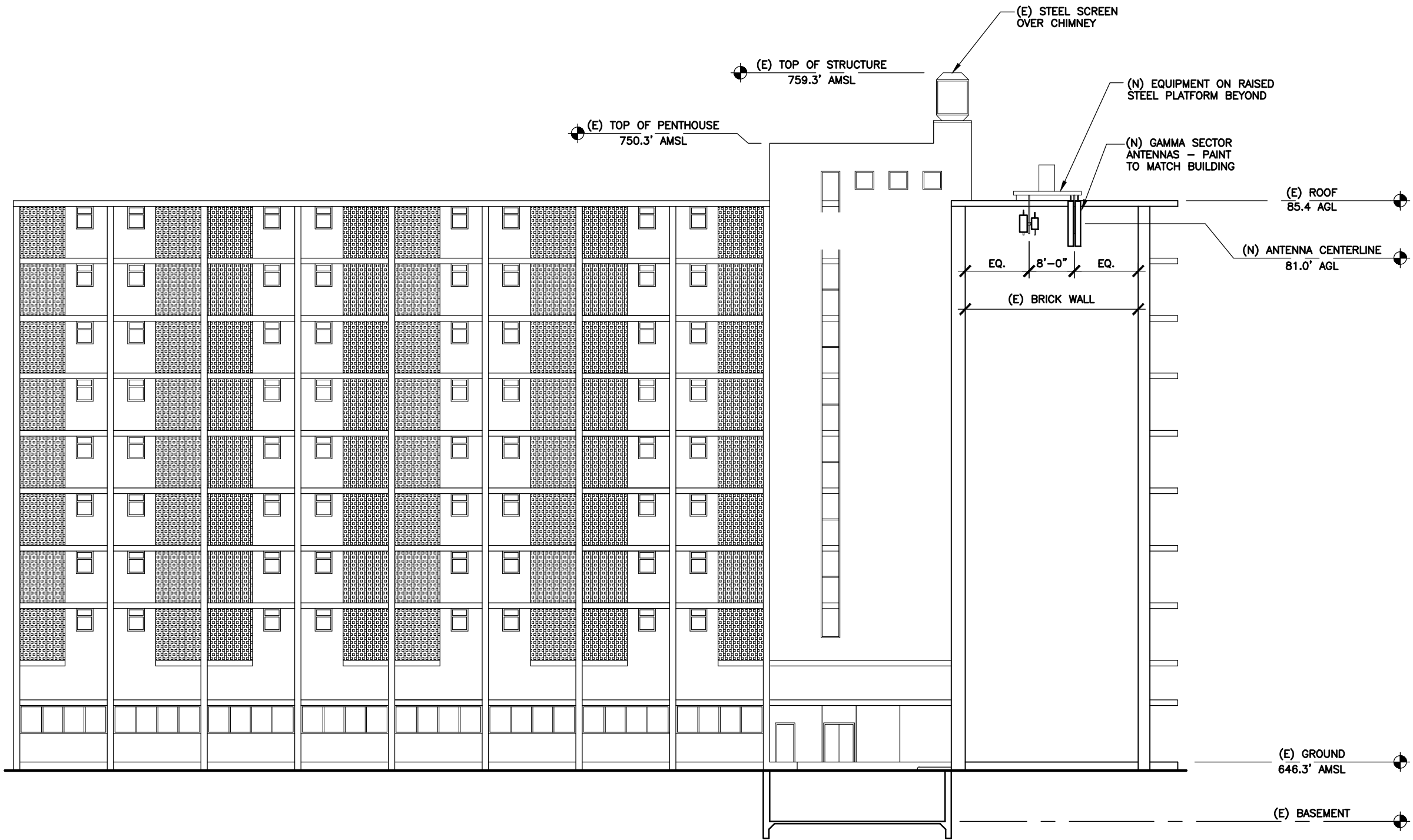
verizon

CAMARGOST

411 BARRERA STREET
SAN ANTONIO, BEXAR COUNTY, TEXAS 78204
(274551)

APPROVAL SIGNATURES
LANDLORD
LEASING
CONSTRUCTION
11.18.21
<div><div>STATE OF TEXAS</div><div><div>★</div></div><div>DARRELL J. LEHMANN</div><div>87794</div><div>LICENSED PROFESSIONAL ENGINEER</div><div><i>Darrell J. Lehmann</i></div></div>
<div><div><div><div></div></div></div><div>ARCHCOMM, LLC.</div><div>1006 Beckett San Antonio, Texas 78213 (210) 308-9905 TBPE NO. F-15659</div></div>
SHEET TITLE
ANTENNA SECTOR PHOTOGRAPHS
SHEET HISTORY
10.06.21 PCD
11.18.21 FCD
P1

THESE DRAWINGS ARE THE PROPERTY OF VERIZON WIRELESS. THEY ARE INTENDED FOR THE EXCLUSIVE USE OF THIS PROJECT ONLY. ANY RE-USE OF THESE PLANS (DRAWINGS) WITHOUT THE EXPRESS WRITTEN CONSENT OF VERIZON WIRELESS IS PROHIBITED.



1 BUILDING ELEVATION
SCALE: 1" = 20'-0" ● GAMMA SECTOR

verizon

CAMARGOST

411 BARRERA STREET
SAN ANTONIO, BEXAR COUNTY, TEXAS 78204
(274551)

APPROVAL SIGNATURES

LANDLORD

LEASING

CONSTRUCTION

11.18.21

STATE OF TEXAS

★

DARRELL J. LEHMANN

87794

LICENSED PROFESSIONAL ENGINEER

Darrell J. Lehmann

ARCHCOMM, LLC.

1006 Beckett
San Antonio, Texas 78213
(210) 308-9905
TBPE NO. F-15659

SHEET TITLE

**BUILDING ELEVATION
@ GAMMA**

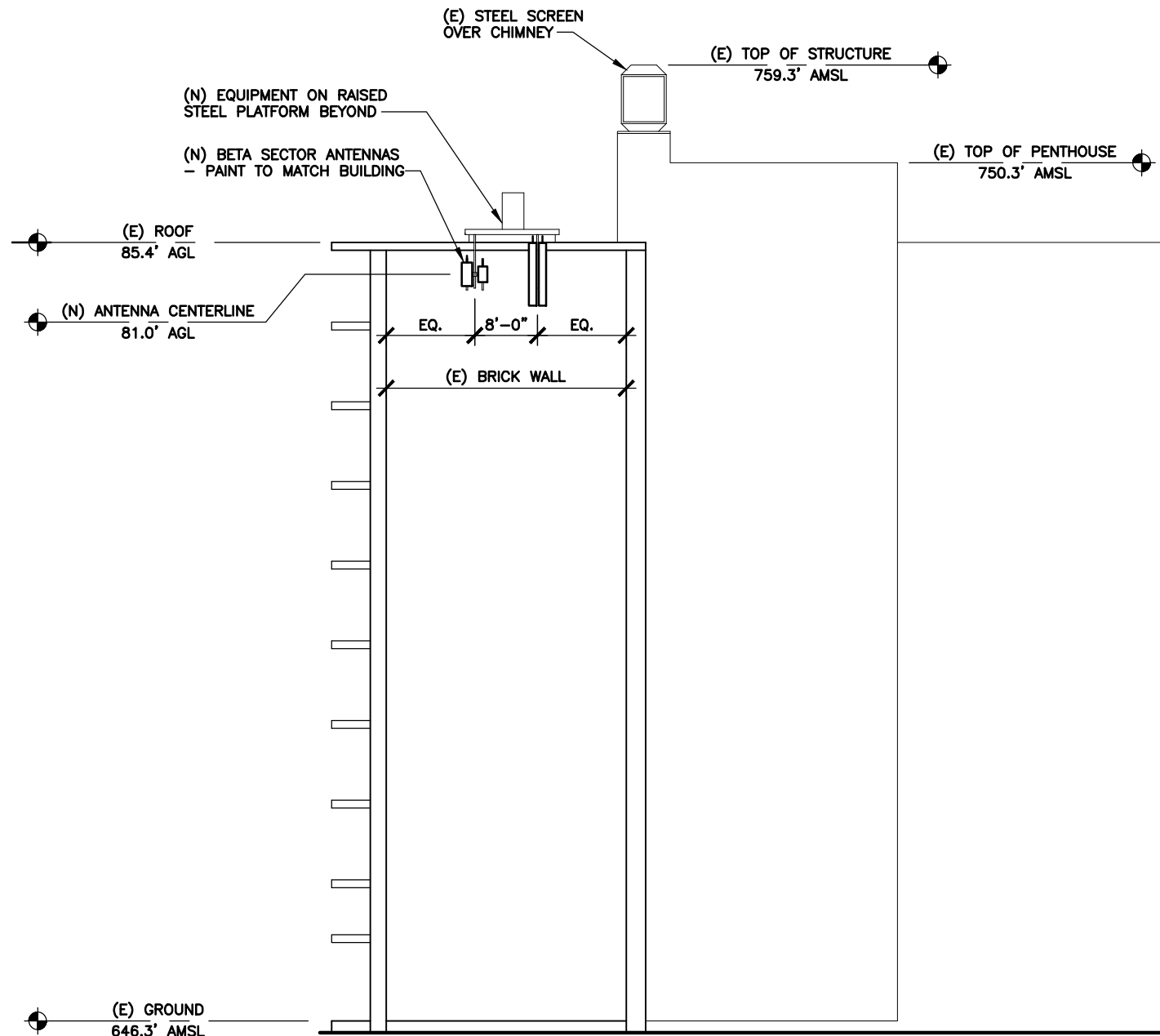
SHEET HISTORY

10.06.21 PCD

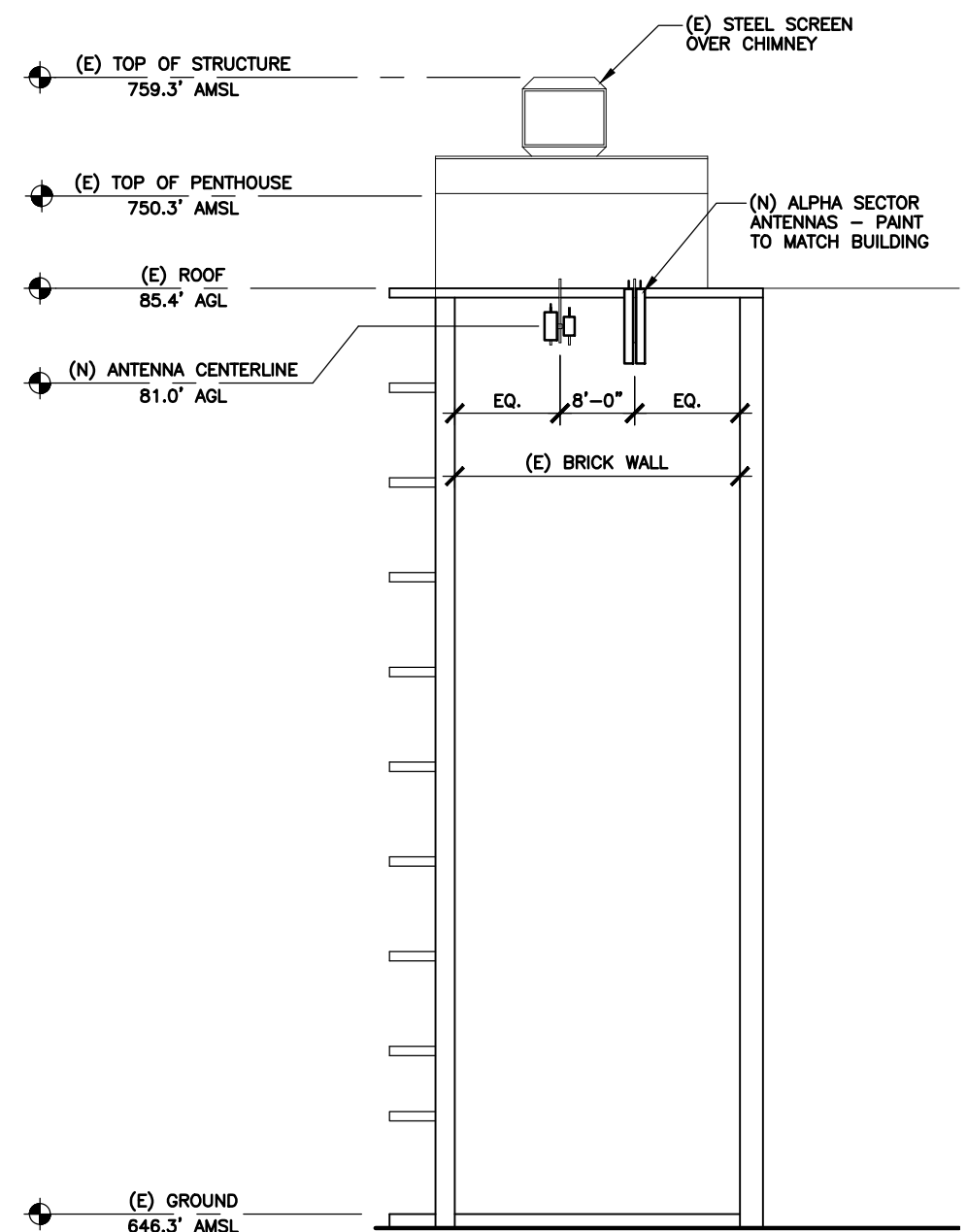
11.18.21 FCD

A5

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1 BUILDING ELEVATION
SCALE: 1" = 20'-0" ● BETA SECTOR



2 BUILDING ELEVATION
SCALE: 1" = 20'-0" ● ALPHA SECTOR

verizon

CAMARGOST

411 BARRERA STREET
SAN ANTONIO, BEXAR COUNTY, TEXAS 78204
(274551)

APPROVAL SIGNATURES
LANDLORD
LEASING
CONSTRUCTION

11.18.21
STATE OF TEXAS
DARRELL J. LEHMANN
87794
LICENSED PROFESSIONAL ENGINEER
Darrell J. Lehmann

ARCHCOMM, LLC.
1006 Beckett
San Antonio, Texas 78213
(210) 308-9905
TBPE NO. F-15659

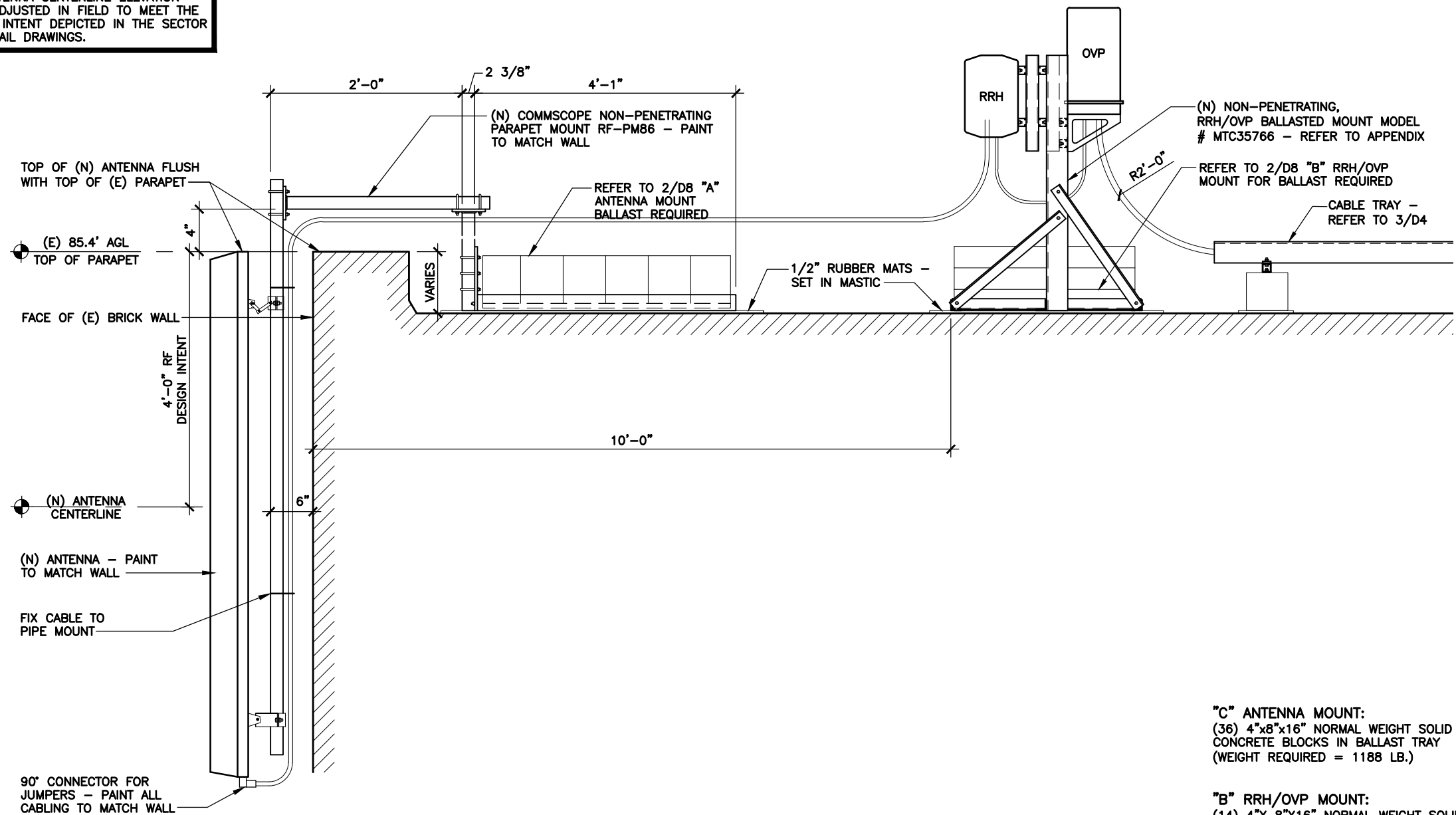
SHEET TITLE
**BUILDING ELEVATIONS
@ BETA & ALPHA**

SHEET HISTORY
10.06.21 PCD
11.18.21 FCD

A6

THESE DRAWINGS ARE THE PROPERTY OF VERIZON WIRELESS. THEY ARE INTENDED FOR THE EXCLUSIVE USE OF THIS PROJECT ONLY. ANY RE-USE OF THESE PLANS (DRAWINGS) WITHOUT THE EXPRESS WRITTEN CONSENT OF VERIZON WIRELESS IS PROHIBITED.

NOTE: ANTENNA CENTERLINE ELEVATION IS APPROXIMATE FOR REGULATORY PURPOSES. ACTUAL ANTENNA CENTERLINE ELEVATION MUST BE ADJUSTED IN FIELD TO MEET THE RF DESIGN INTENT DEPICTED IN THE SECTOR MOUNT DETAIL DRAWINGS.



1

TYPICAL ANTENNA SECTOR SECTION

SCALE: 1/2" = 1'-0"

2

BALLAST DESIGN

SCALE: N.T.S.

"C" ANTENNA MOUNT:
(36) 4"x8"x16" NORMAL WEIGHT SOLID
CONCRETE BLOCKS IN BALLAST TRAY
(WEIGHT REQUIRED = 1188 LB.)

"B" RRH/OVP MOUNT:
(14) 4"x 8"x16" NORMAL WEIGHT SOLID
CONCRETE BLACKS IN BALLAST TRAY
(WEIGHT REQUIRED = 462 LB.)

verizon

CAMARGOST

411 BARRERA STREET
SAN ANTONIO, BEXAR COUNTY, TEXAS 78204

(274551)

APPROVAL SIGNATURES
LANDLORD
LEASING
CONSTRUCTION



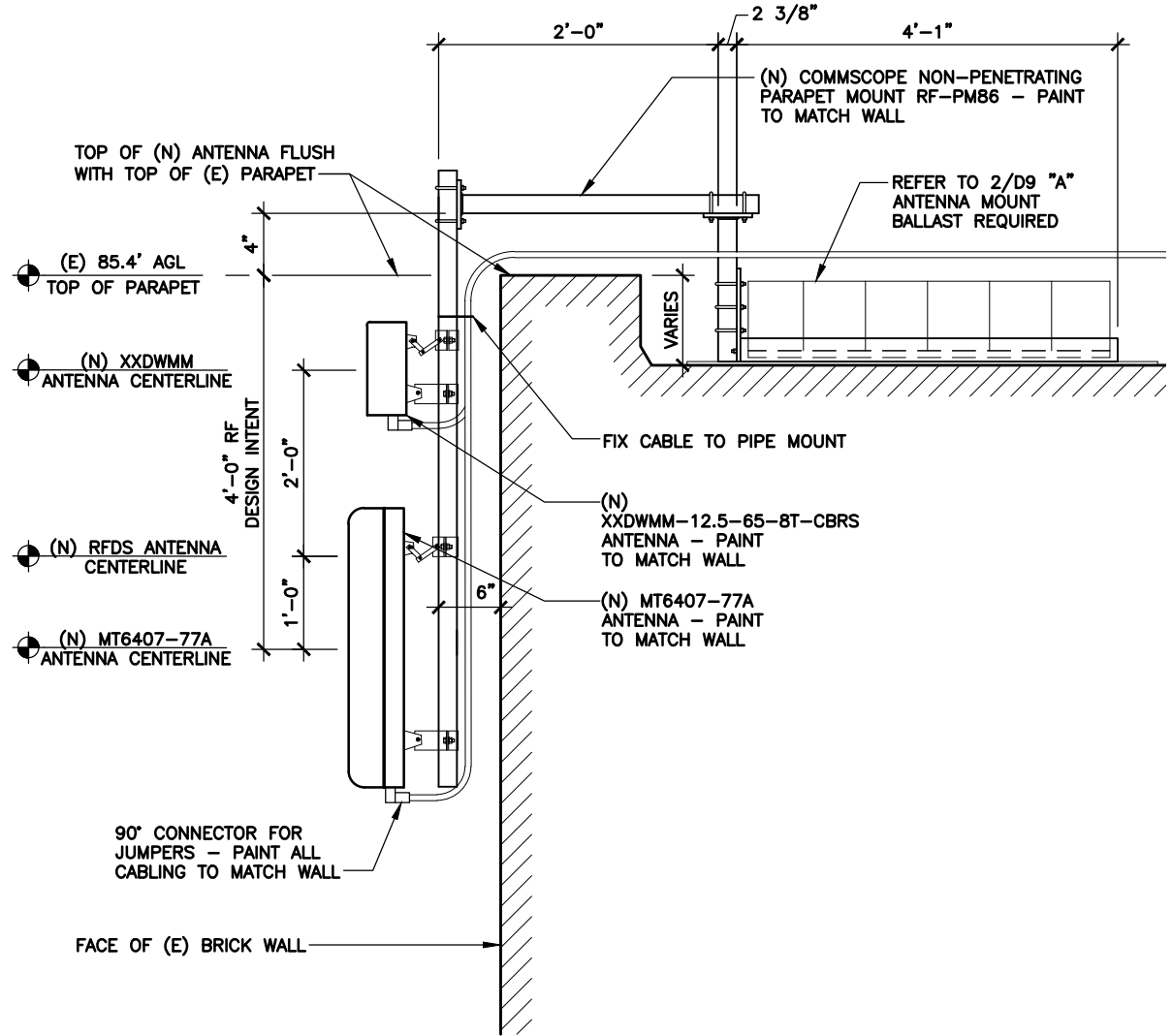
ARCHCOMM, LLC.
1006 Beckett
San Antonio, Texas 78213
(210) 308-9905
TBPE NO. F-15659

SHEET TITLE
ANTENNA SECTOR
SECTION

SHEET HISTORY
10.06.21 PCD
11.18.21 FCD

D8

NOTE: ANTENNA CENTERLINE ELEVATION IS APPROXIMATE FOR REGULATORY PURPOSES. ACTUAL ANTENNA CENTERLINE ELEVATION MUST BE ADJUSTED IN FIELD TO MEET THE RF DESIGN INTENT DEPICTED IN THE SECTOR MOUNT DETAIL DRAWINGS.



1 **TYPICAL ANTENNA SECTOR SECTION**
SCALE: 1/2" = 1'-0"

"A" ANTENNA MOUNT:
(24) 4"x8"x16" NORMAL WEIGHT SOLID
CONCRETE BLOCKS IN BALLAST TRAY
(WEIGHT REQUIRED = 792 LB.)

2 **BALLAST DESIGN**
SCALE: N.T.S.

verizon

CAMARGOST

411 BARRERA STREET
SAN ANTONIO, BEXAR COUNTY, TEXAS 78204

(274551)

APPROVAL SIGNATURES

LANDLORD

LEASING

CONSTRUCTION

11.18.21

STATE OF TEXAS

DARRELL J. LEHMANN

87794

LICENSED PROFESSIONAL ENGINEER

ARCHCOMM, LLC.

1006 Beckett
San Antonio, Texas 78213
(210) 308-9905
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