



PHO WATERFRONT (120181) L-SUB6

7002 EAST CAMELBACK ROAD  
SCOTTSDALE, ARIZONA 85251  
APN No. 173-37-005



Two working days before you dig,  
CALL FOR THE BLUE STAKE!

1 (602) 263-1100 or  
1 (800) STAKE-IT (782-5348)  
(OUTSIDE MARICOPA COUNTY)

VICINITY MAP



DRIVING DIRECTIONS

FROM VERIZON WIRELESS PHOENIX OFFICE: DEPART 126 W GEMINI DR, TEMPE, AZ 85283. HEAD WEST TOWARD W GEMINI DR, TURN LEFT ONTO S ASH AVE, TURN LEFT ONTO W GUADALUPE RD, TURN LEFT ONTO N PRICE RD, USE THE LEFT 2 LANES TO TAKE THE AZ-101 N RAMP TO US-60, MERGE ONTO AZ-101 LOOP N, TAKE EXIT 47 FOR INDIAN SCHOOL RD, TURN LEFT ONTO E INDIAN SCHOOL RD, TURN RIGHT ONTO N HAYDEN RD, TURN LEFT ONTO E CAMELBACK RD, TURN RIGHT ONTO N MARSHALL WAY, TURN LEFT (108 FT) TURN LEFT (DESTINATION WILL BE ON THE RIGHT).

GENERAL NOTES

THE ARCHITECTS/ENGINEERS HAVE MADE EVERY EFFORT AS SET FORTH IN THE CONSTRUCTION DRAWINGS, CONTRACT DOCUMENTS AND THE COMPLETE SCOPE OF WORK. CONTRACTORS BIDDING THE JOB ARE NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS. THE BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) THE ARCHITECT/ENGINEER OF ANY CONFLICTS, ERRORS OR OMISSIONS PRIOR TO THE SUBMISSION OF THE CONTRACTOR'S PROPOSAL. IN THE EVENT OF DISCREPANCIES THE CONTRACTOR SHALL PRICE THE MORE COSTLY OR EXTENSIVE WORK UNLESS OTHERWISE DIRECTED.

SITE LOCATION INFORMATION

SITE NAME: PHO WATERFRONT (120181) L-SUB6

SITE ADDRESS: 7002 EAST CAMELBACK ROAD  
SCOTTSDALE, ARIZONA 85251

APN NUMBER: 173-37-005

SITE COORDINATES: LATITUDE: 33° 30' 08.8" N (NAD 83)  
LONGITUDE: 111° 55' 47.7" W (NAD 83)  
ELEVATION: 1,302.6' (AMSL) (NAVD 88)

CURRENT ZONING: COMMERCIAL D/RCO-2 PBD DO

APPLICANT: VERIZON WIRELESS  
126 WEST GEMINI DRIVE  
TEMPE, ARIZONA 85283

APPLICANT CONTACT: MARCI BRAWLEY  
MOBILE: (602) 679-5511

PROPERTY OWNER: SCOTTSDALE FASHION SQUARE,  
LLC7014 EAST CAMELBACK ROAD, SUITE 590  
SCOTTSDALE, AZ 85251  
ATTN: STEVE HELM  
PHONE: (480) 945-5495

PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF REMOVING (4) EXISTING ANTENNAS, (2) DIPLEXERS AND REPLACING (8) NEW ANTENNAS, (2) NEW TWIN HYBRID COMBINER, (2) NEW RRH, (2) NEW RAYCAP OVP ON AN EXISTING BUILDING WALL. IN ADDITION, INSTALLING (1) NEW RAYCAP OVP AND NEW ANTENNA BASEBAND AT THE SHELTER.

EXISTING PARKING IS NOT AFFECTED BY THIS PROJECT.

SPECIAL INSPECTIONS REQUIRED

NO SPECIAL INSPECTION FOR THIS SCOPE OF WORK

FCC COMPLIANCE

ALL NEW ANTENNAS SHALL BE IN COMPLIANCE WITH ALL FEDERAL COMMUNICATIONS COMMISSION (FCC) REGULATIONS, INCLUDING THOSE PROTECTING THE PUBLIC HEALTH AND THOSE PROTECTING HISTORIC DISTRICTS.

PROJECT TEAM

CLIENT: VERIZON WIRELESS  
126 WEST GEMINI DRIVE  
TEMPE, ARIZONA 85283

CONSTRUCTION MANAGER: MARCI BRAWLEY

PROJECT MANAGER: DANA MOLINEAUX

RF ENGINEER: JIGAR PATEL

REAL ESTATE: BRYAN RUDD

SITE ACQUISITION SPECIALIST: DESTREE DEVELOPMENT, LLC  
22831 N 21ST ST  
PHOENIX, AZ 85024  
CONTACT: REG DESTREE  
PHONE: (602) 349-6930  
DESTREEDEVELOPMENT@GMAIL.COM

A&E DESIGN MANAGEMENT PROFESSIONAL: SIINO DESIGN, LLC.  
16747 EAST PARKVIEW AVE., SUITE 1  
FOUNTAIN HILLS, ARIZONA 85268  
CONTACT: CHRIS SIINO, MBA, MST, PMP  
MOBILE: (480) 268.9000  
FAX: (480) 284.5051

ENGINEERING CONSULTANT: ISE INC.  
PO BOX 50039  
PHOENIX, ARIZONA 85076  
CONTACT: GLEN L. HUNT III, PE  
PHONE: (602) 403-8614

RFDS DATA

DESIGN PACKAGE BASED ON RF DATA SHEET DATED 12/17/2020 AT 12:50:05

PROJECT INFORMATION

OCCUPANCY CLASSIFICATIONS: S-2  
CONSTRUCTION TYPE: IV  
AREA OF CONSTRUCTION: EXISTING / UNCHANGE

ACCESSIBILITY DISCLAIMER

THE PROPOSED PROJECT IS AN UNOCCUPIED TELECOMMUNICATIONS FACILITY AND IS NOT TO BE ACCESSED BY THE GENERAL PUBLIC. THIS FACILITY IS EXEMPT FROM DISABLED ACCESS REQUIREMENTS PER IBC 1103.2.9 LISTED AS AN EQUIPMENT SPACE.

SITE PHOTO



SHEET INDEX

SHEET NO.	SHEET DESCRIPTION
T-1	TITLE SHEET
A-1	OVERALL SITE PLAN
A-2	ENLARGED SITE PLAN
A-3.0	EXISTING ANTENNA INFORMATION
A-3.1	NEW ANTENNA INFORMATION
A-3.2	NEW ANTENNA INFORMATION
A-4	ELEVATIONS
A-5	ELEVATIONS

CODE COMPLIANCE

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

2015 INTERNATIONAL BUILDING CODE (IBC)  
2014 NATIONAL ELECTRICAL CODE (NEC)  
ANSI/EIA-222-G  
LOCAL BUILDING CODE(S)  
CITY AND/OR COUNTY ORDINANCES

JURISDICTION: CITY OF SCOTTSDALE

CONTRACTOR PMI REQUIREMENTS

PMI ACCESSED AT: https://pmi.vzwsmart.com  
SMART TOOL VENDOR PROJECT NUMBER: T.B.D.  
VZW LOCATION CODE (PSLC): T.B.D.

\*\*\* PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT

MOUNT MODIFICATION REQUIRED Y

VZW APPROVED SMART KIT VENDORS

REFER TO MOUNT MODIFICATION DRAWINGS PAGE FOR VZW SMART KIT APPROVED VENDORS

CLIENT:

verizon

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DESIGN MANAGEMENT PROFESSIONAL:

SiinoDesign

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PHONE: 480.268.9000  
FAX: 480.284.5051  
WWW.SIINODESIGN.COM

ENGINEERING CONSULTANT:

DRAWING APPROVALS (SIGNATURES)

SITE ACQUISITION/PROPERTY

CONSTRUCTION MANAGER

VERIZON WIRELESS RF ENGINEER

LANDLORD APPROVAL

DRAWN BY: JNGO

CHECKED BY: CMS

SCHEDULE OF REVISIONS

NO	DATE	DESCRIPTION	BY
3	09/07/21	UPDATE	CMS
2	06/14/21	UPDATE	CMS
1	05/24/21	UPDATE	CMS
0	02/22/21	L-SUB6 RFDS	CMS

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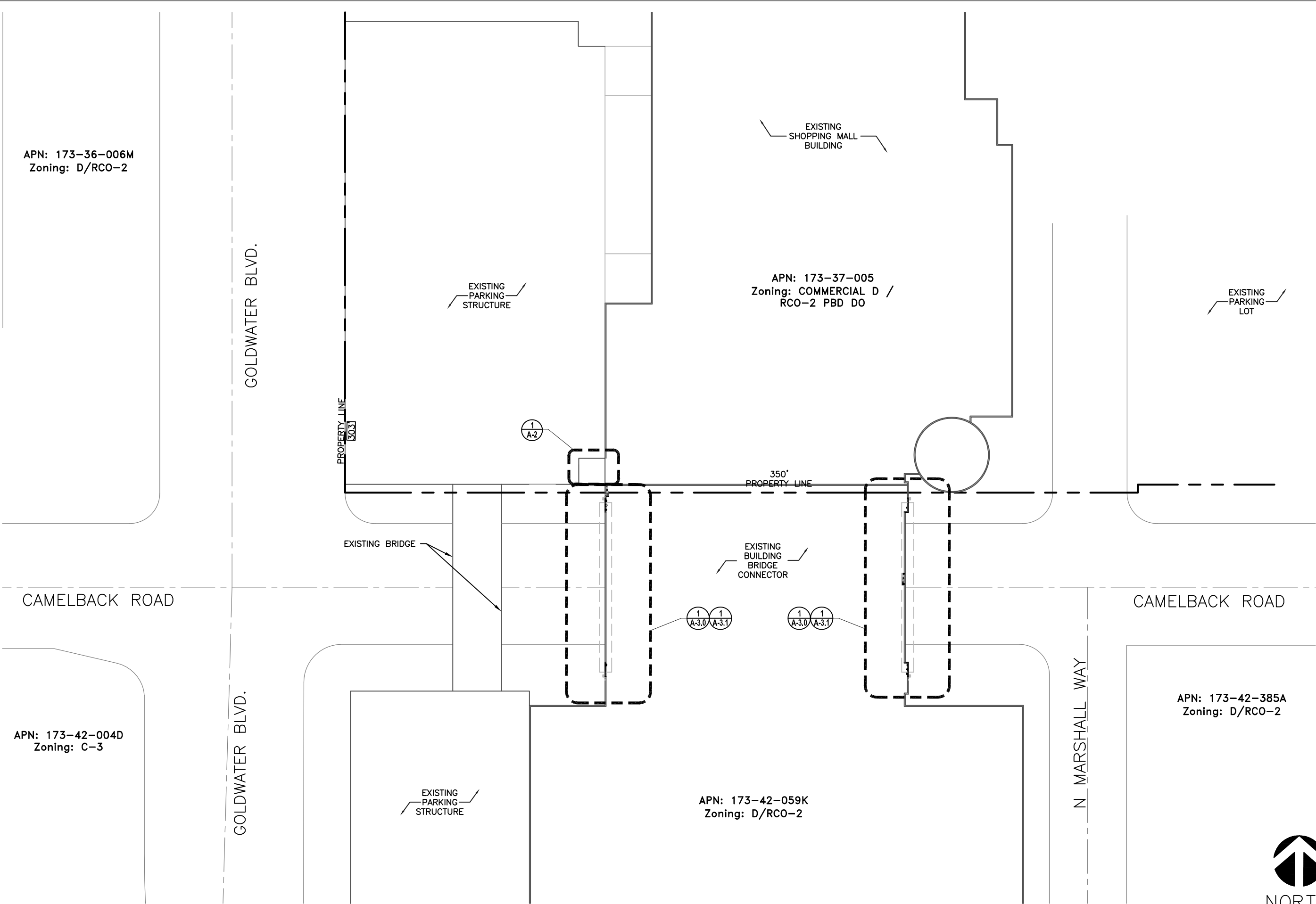
SEAL:

SHEET TITLE:

TITLE SHEET

SHEET NUMBER:

T-1



OVERALL SITE PLAN

22"x34" SCALE: 1" = 30'-0"  
11"x17" SCALE: 1" = 60'-0"  
30' 15' 0' 30'

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SD

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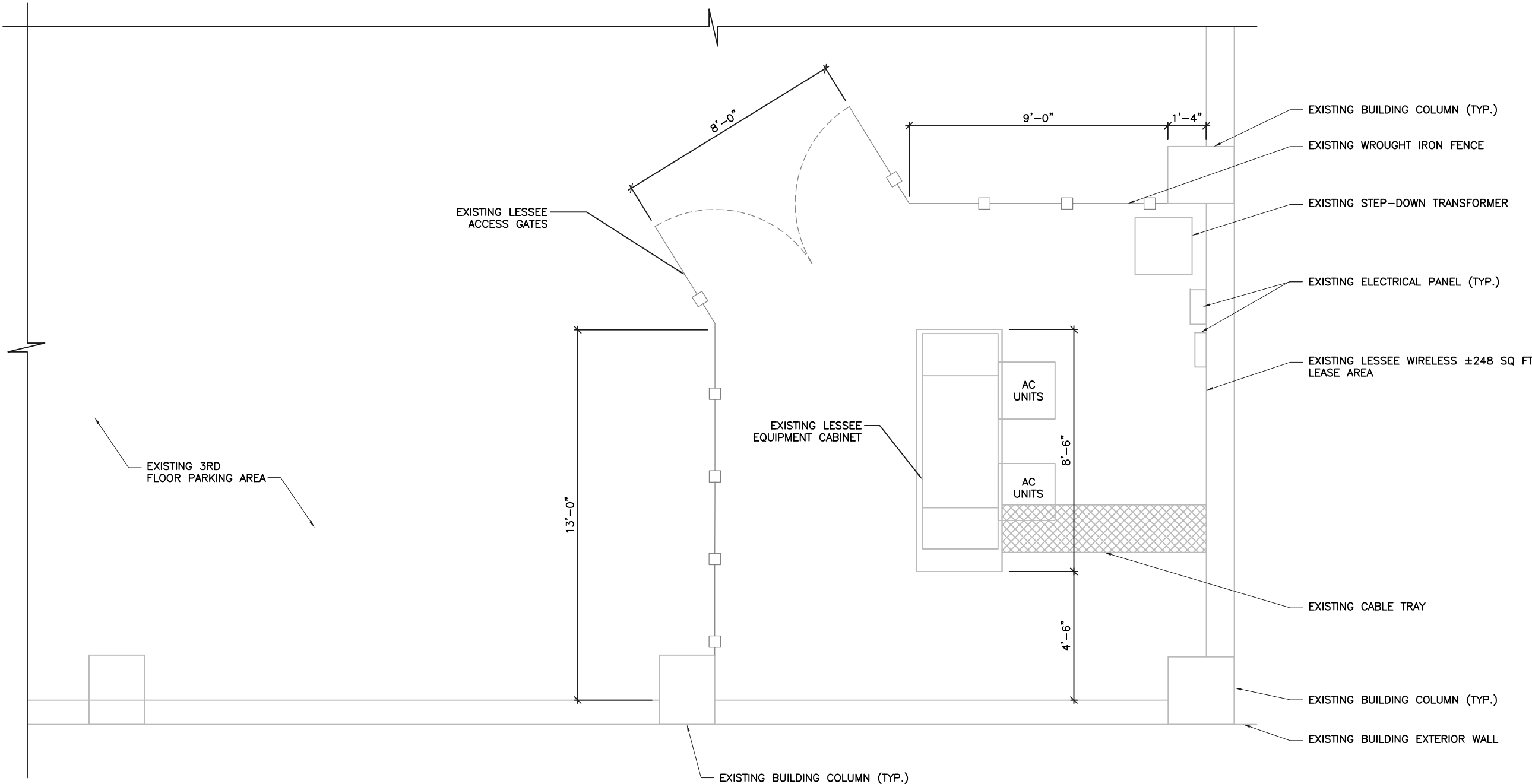
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SHEET TITLE:

OVERALL  
SITE PLAN

SHEET NUMBER:

A-1



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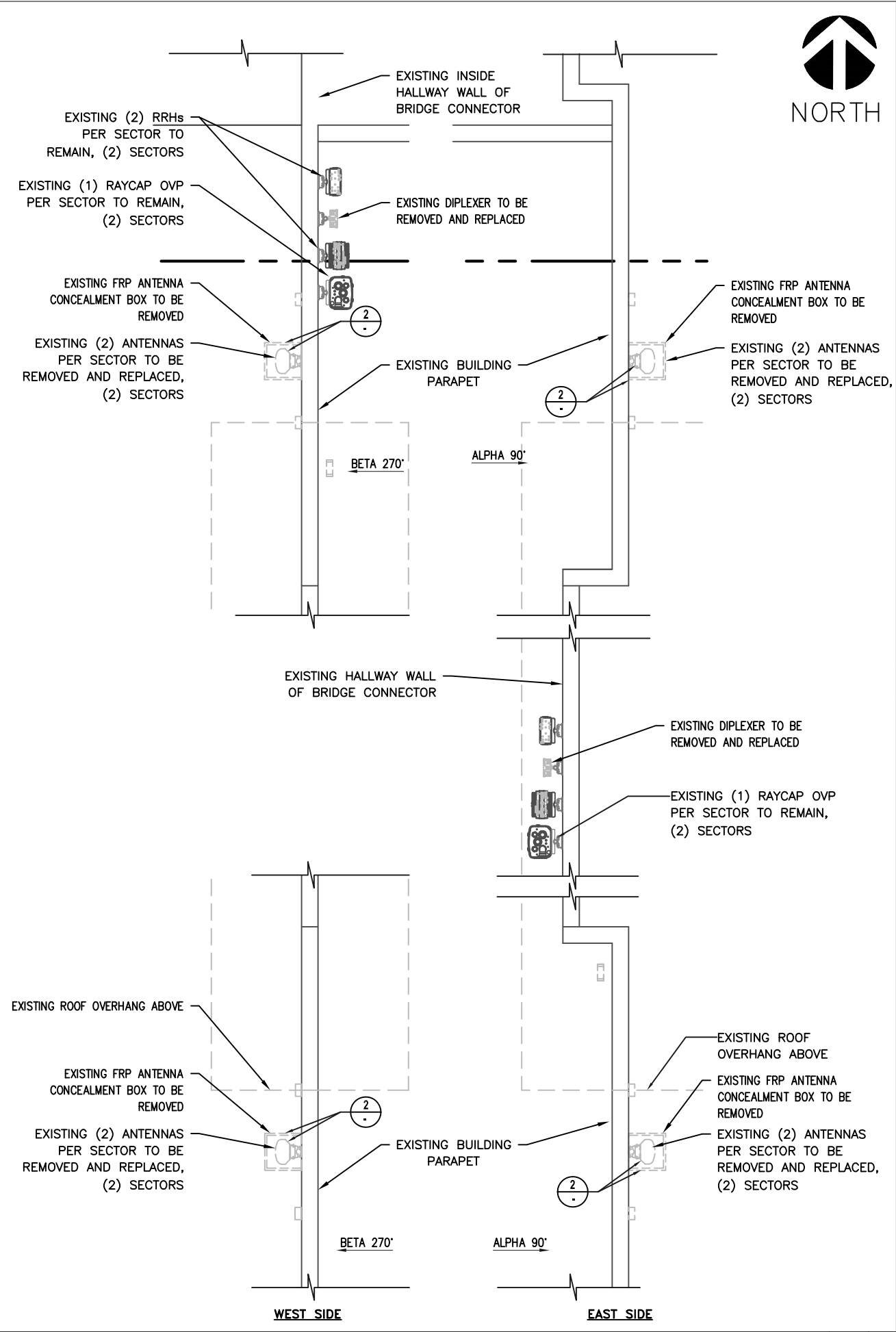
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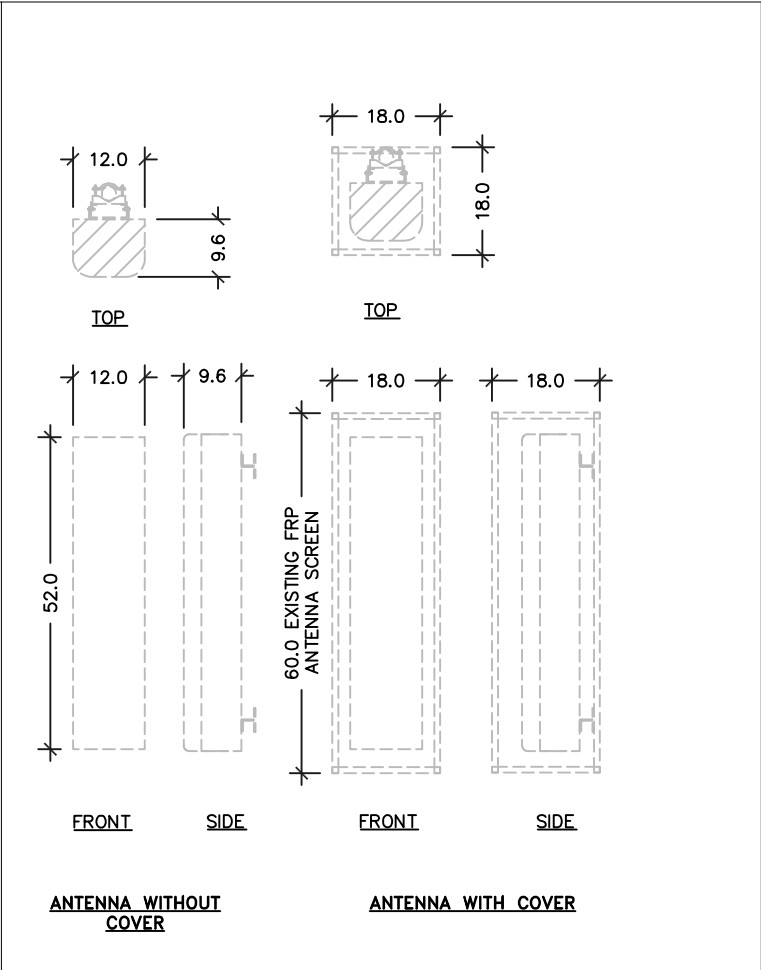
ENLARGED  
SITE PLAN

SHEET NUMBER:

A-2



EXISTING ANTENNA LAYOUT



REMOVED ANT. & SCREEN

NOT USED

NOT USED

NOT USED

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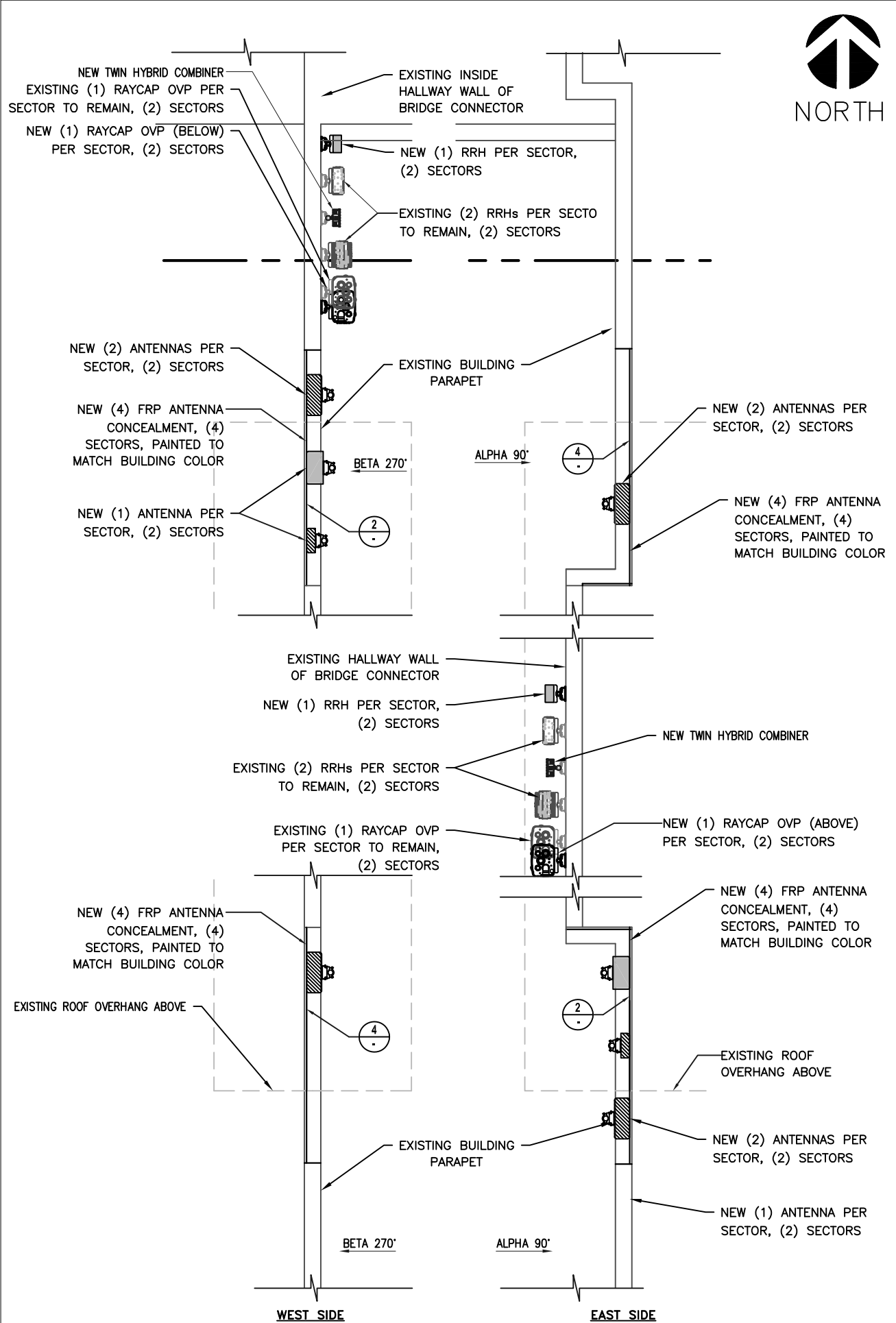
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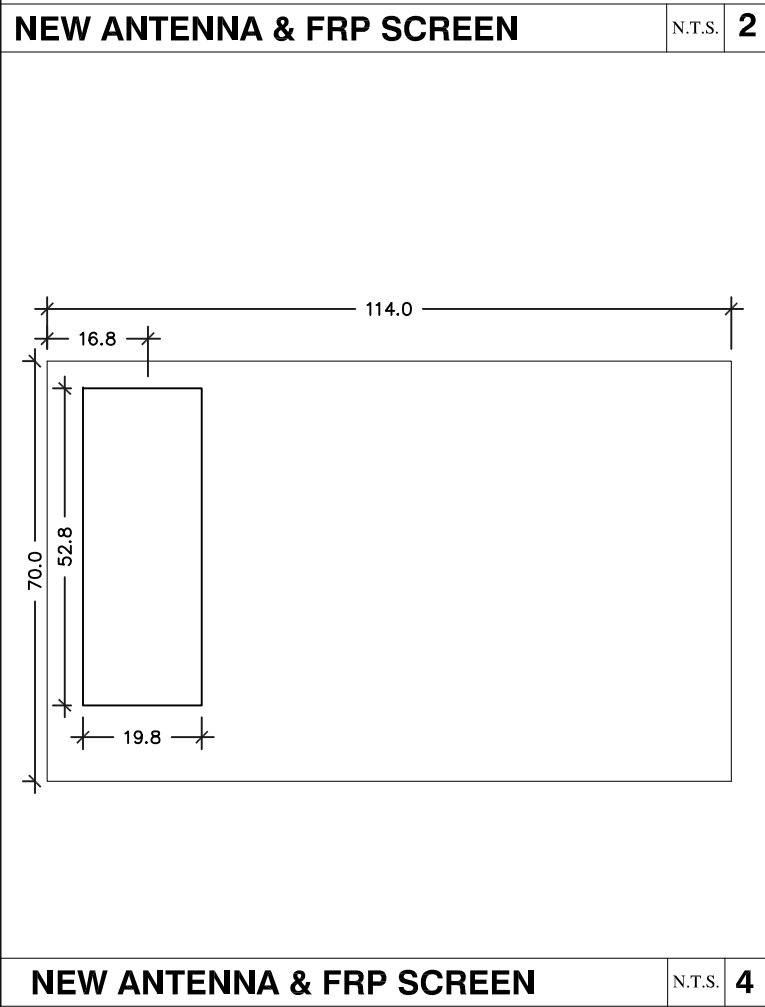
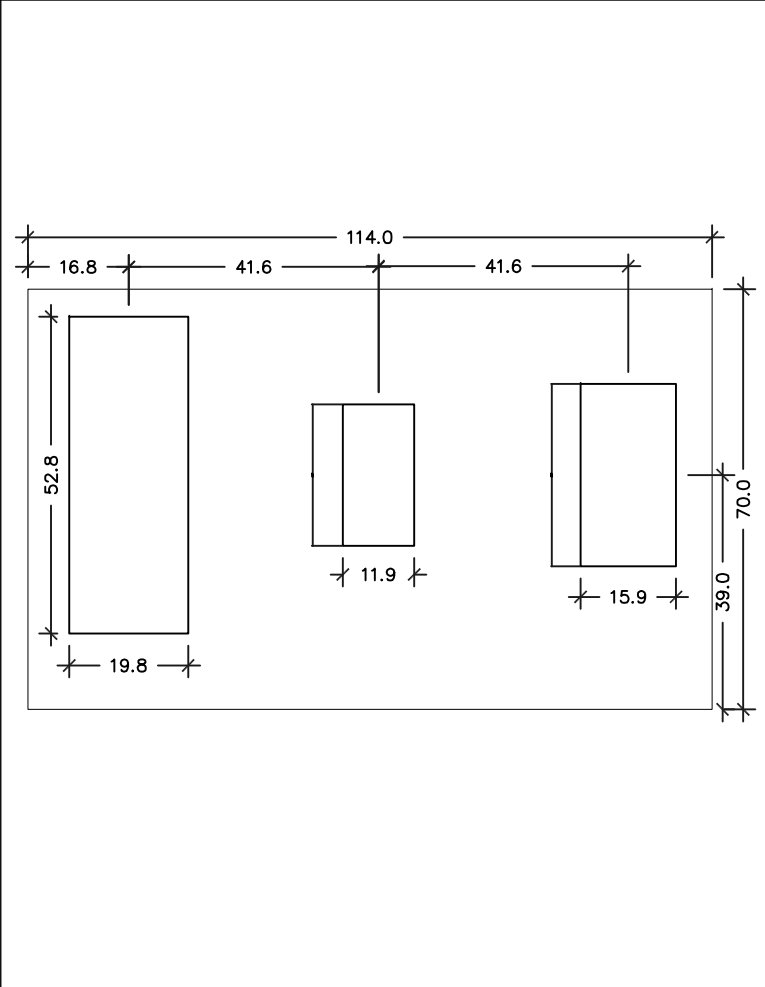
EXISTING ANTENNA  
INFORMATION

SHEET NUMBER:

A-3.0



NEW ANTENNA LAYOUT N.T.S. 1



NEW ANTENNA & FRP SCREEN N.T.S. 4

### ANTENNA CHANGE CONFIGURATION

RFDS SOW – L-SUB 6GHz CARRIER ADD, CBRS ADD. COMBINING 5G CARRIER ADD P-591791

1. SWAP EXISTING OCTO PORT ANTENNA WITH NEW 10 PORT ON POSITION 1 & 2 FOR BOTH 2 SECTORS
2. ADD CBRS RADIO ON TOWER FOR BOTH 2 SECTORS
3. ADD 5G RADIO ON POSITION 4 FOR BOTH SECTORS
4. SWAP CDMA ANTENNA ON POSITION 3 WITH NEW L-SUB 6GHz ANTENNA FOR ALL 2 SECTORS
5. SWAP EXISTING LL DIPLEXERS WITH 2 NEW TWIN HYBRID COMBINER
6. RET: INDEPENDENT FOR LB & HB VIA SBT
7. ADD ONE RAYCAP OVP-12 ON TOP AND ONE OVP-12 BOX AT THE BOTTOM. RETAINING EXISTING OVP-12 ON TOP AND ONE OVP BOX AT THE BOTTOM.
8. ADD 6x12 HYBRID FLEX ON ROOFTOP
9. INSTALL L-SUB 6GHz BASEBAND
10. CAP AND WEATHER PROOF UNUSED ANTENNA PORTS

**NOTE:**  
DESIGN PACKAGE BASED ON RF DATA SHEET DATED 12/17/2020 AT 12:50:05

### NEW ANTENNA & FRP SCREEN

N.T.S. 3

### NOT USED

N.T.S. 5

CLIENT:

**verizon**

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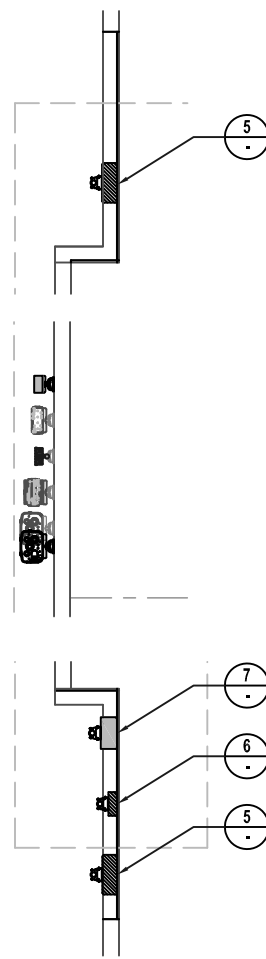
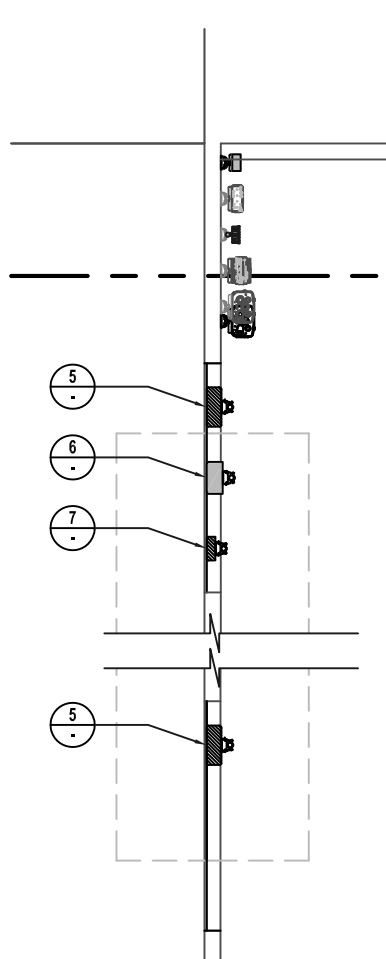
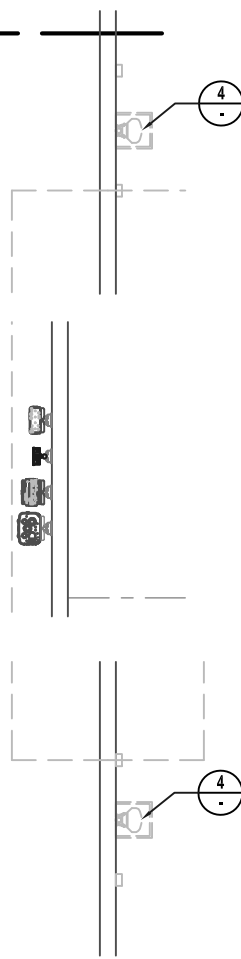
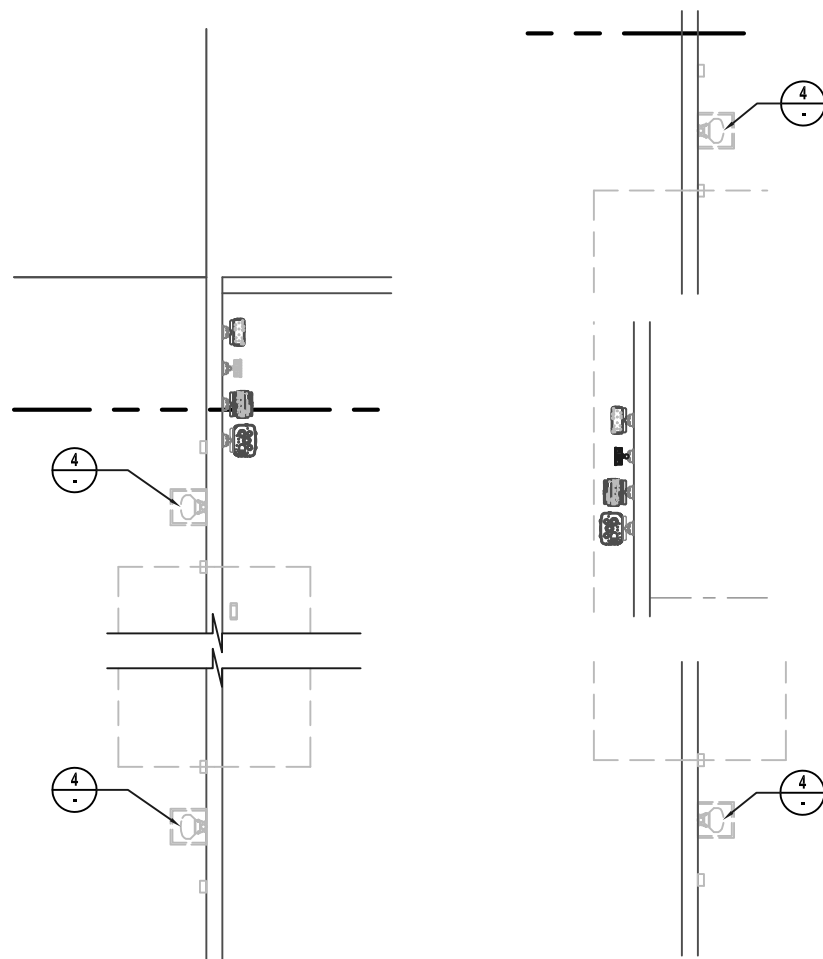
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SHEET TITLE:

**NEW ANTENNA  
INFORMATION**

SHEET NUMBER:

**A-3.1**



### ANTENNA CHANGE CONFIGURATION

RFDS SOW – L-SUB 6GHz CARRIER ADD, CBRS ADD. COMBINING 5G CARRIER ADD P-591791

1. SWAP EXISTING OCTO PORT ANTENNA WITH NEW 10 PORT ON POSITION 1 & 2 FOR BOTH 2 SECTORS
2. INSTALL CBRS RRRH ON TOWER FOR BOTH 2 SECTORS
3. INSTALL NEW ANTENNA FOR ALL 2 SECTORS, (1) PER SECTOR
4. INSTALL (2) 5G INTEGRATED RADIOS, (1) PER SECTOR, (2) SECTORS
5. SWAP EXISTING LL DIPLEXERS WITH 2 NEW TWIN HYBRID COMBINER
6. RET: INDEPENDENT FOR LB & HB VIA SBT
7. ADD ONE RAYCAP OVP ON TOP AND ONE OVP BOX AT THE BOTTOM. RETAINING EXISTING OVP ON TOP AND ONE OVP BOX AT THE BOTTOM.
8. ADD 6x12 HYBRID FLEX ON TOWER
9. INSTALL NEW ANTENNA BASEBAND
10. CAP AND WEATHER PROOF UNUSED ANTENNA PORTS

**NOTE:**

DESIGN PACKAGE BASED ON RF DATA SHEET DATED 12/17/2020 AT 12:50:05

	<b>CLIENT:</b>
--	----------------



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PHONE: (480) 752-7238

DESIGN MANAGEMENT PROFESSIONAL:



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FAX: 480.284.5051  
WWW.SIINODESIGN.COM

ENGINEERING CONSULTANT:

**DRAWING APPROVALS (SIGNATURES)**

SITE ACQUISITION/PROPERTY

**CONSTRUCTION MANAGER**

VERIZON WIRELESS RF ENGINEER

LANDLORD APPROVAL

DRAWN BY: JNGO

CHECKED BY: CMS

## SCHEDULE OF REVISIONS

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SEAL:

**SHEET TITLE:**

## ANTENNA INFORMATION

SHEET NUMBER:

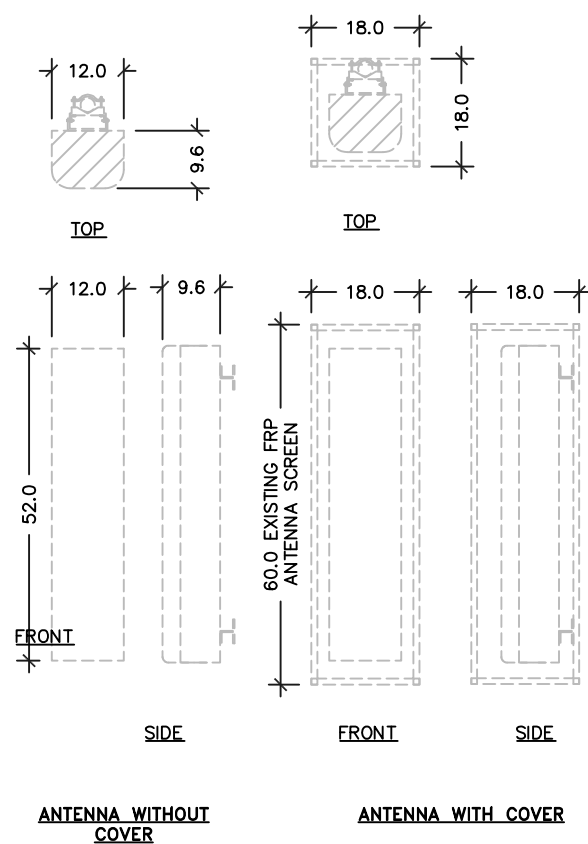
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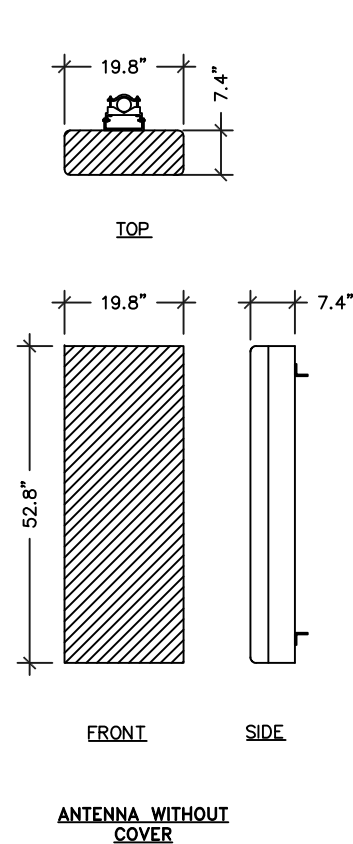
N.T.S.	<b>1</b>	<b>NEW ANTENNA LAYOUT</b>
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## MODIFICATIONS

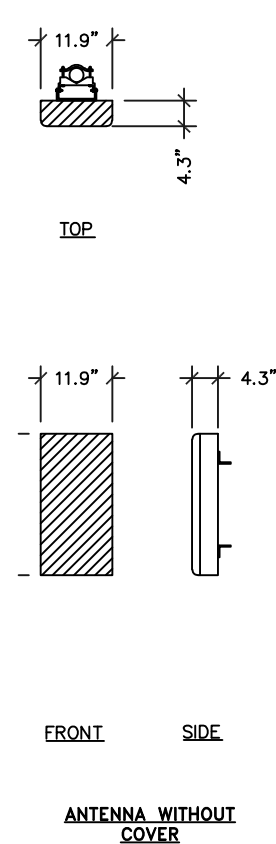
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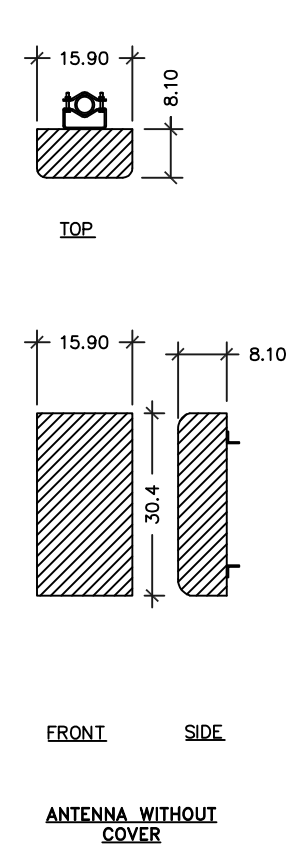
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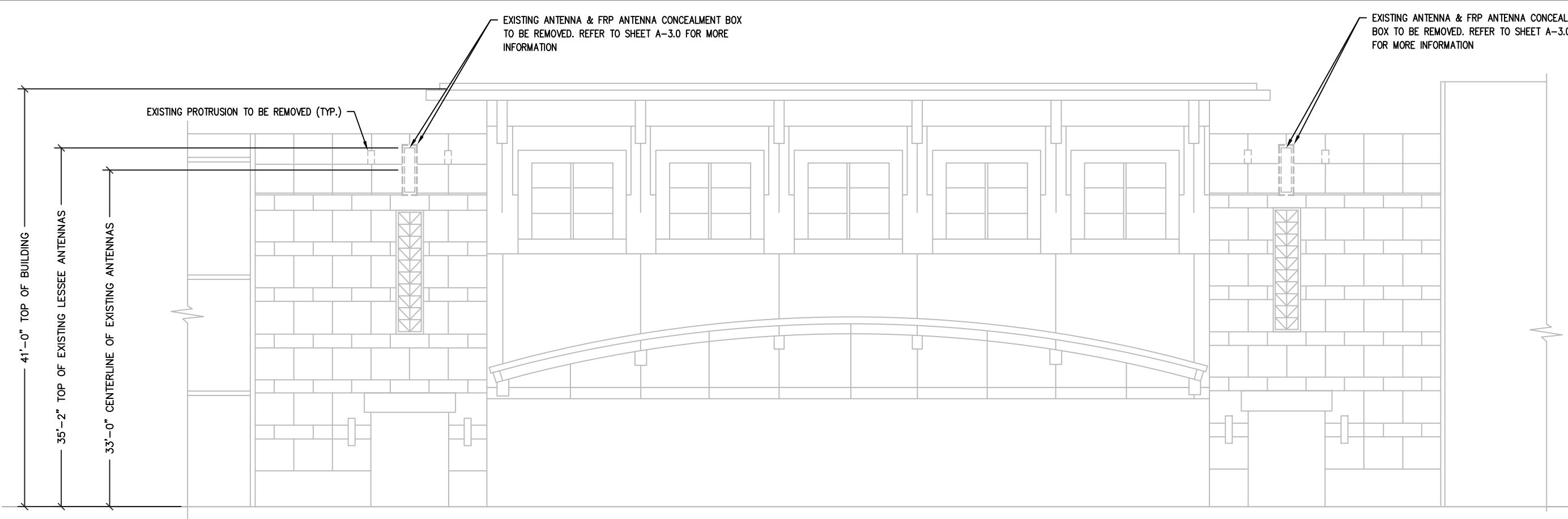
## NEW ANTENNA & FRP SCREEN



## NEW ANTENNA & FRP SCREEN



## NEW ANTENNA & FRP SCREEN



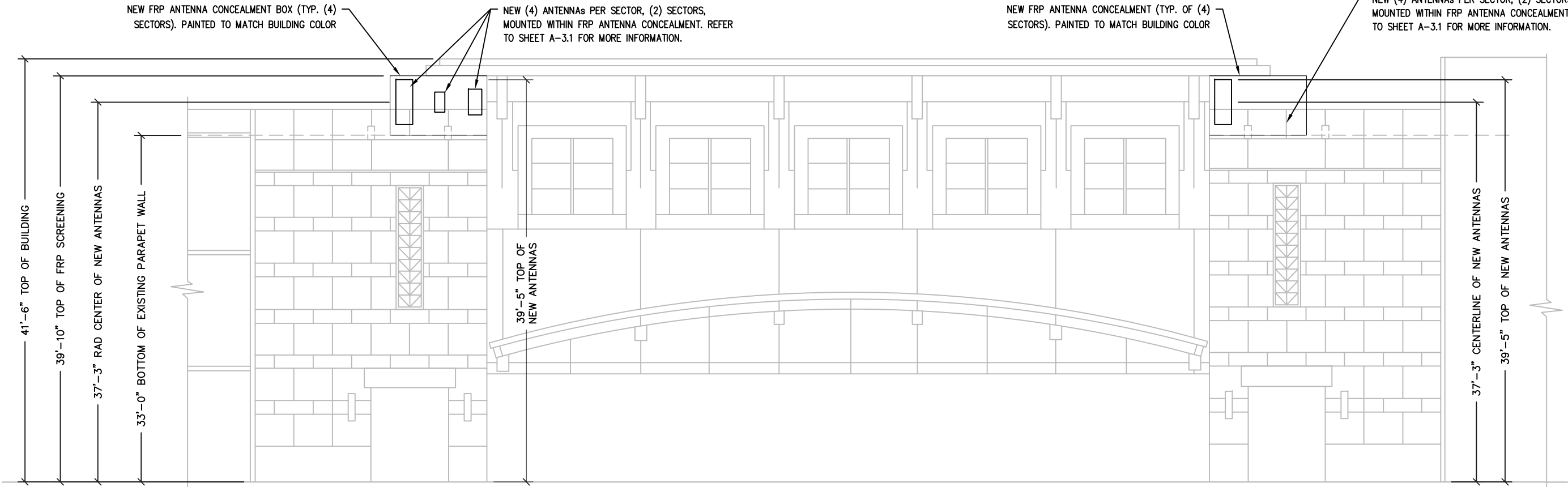
EXISTING EAST ELEVATION

22"x34" SCALE: 3/16" = 1'-0"  
11"x17" SCALE: 3/32" = 1'-0"



N.T.S.

1



NEW EAST ELEVATION

22"x34" SCALE: 3/16" = 1'-0"  
11"x17" SCALE: 3/32" = 1'-0"



N.T.S.

2

CLIENT:

**verizon**

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**SD SiinoDesign**

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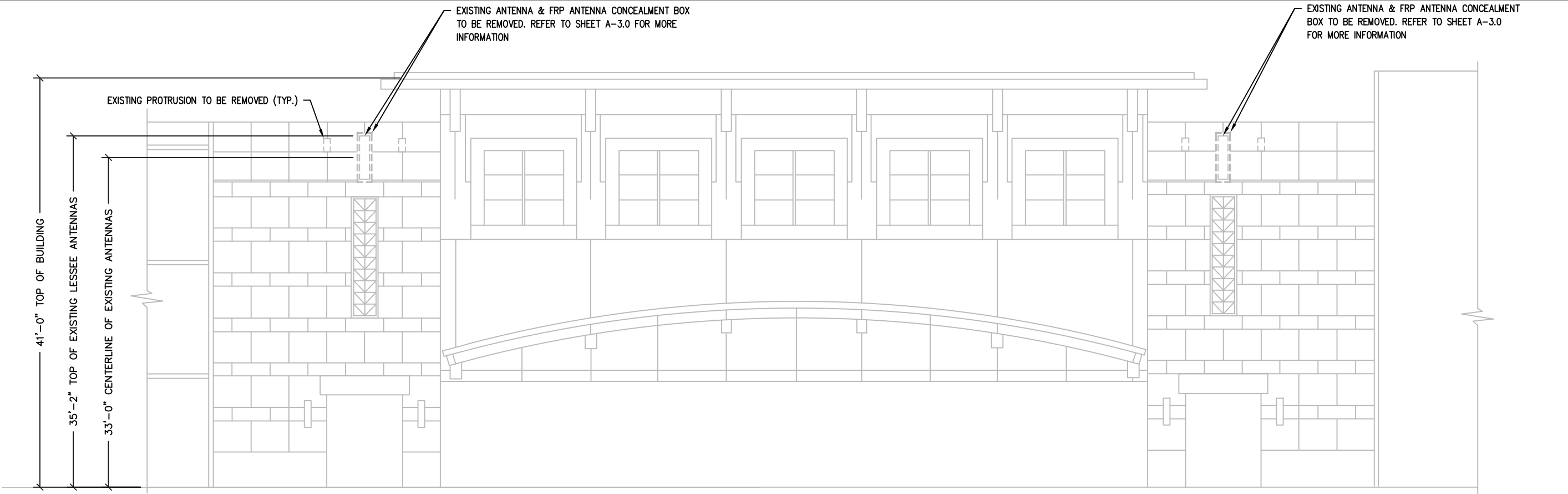
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SHEET TITLE:

**ELEVATIONS**

SHEET NUMBER:

**A-4**



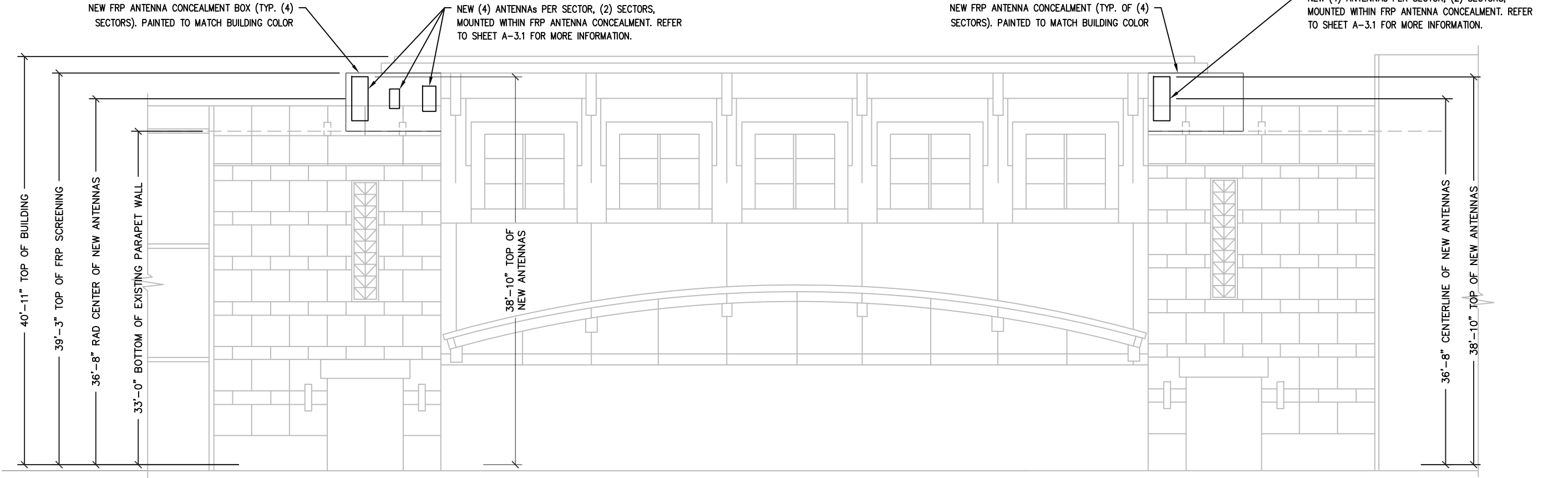
EXISTING WEST ELEVATION

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N.T.S.

1



NEW WEST ELEVATION

22"x34" SCALE: 3/16" = 1'-0"  
11"x17" SCALE: 3/32" = 1'-0"



N.T.S.

2

CLIENT:



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**ELEVATIONS**

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**A-5**