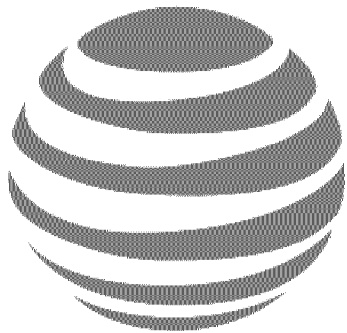




AT&T
MOBILITY

PROJECT: ATT MNP (NB) SMALL CELL
SITE #: MNL06635F_R01/MNL06634F_R02/MNL06635F_R03/MNL06636F_R01
FA #: 13931784
PACE #: MRUMW017659/MRUMW017662/MRUMW017666/MRUMW017671
PTN #: 3511A09R84/3511A09R63/3511A09R83/3511A09R82
USID #: 182101/182102/181103/182390
SITE NAME: CRAN_RUMW_MOAMN_008/CRAN_RUMW_MOAMN_009/
CRAN_RUMW_MOAMN_010/CRAN_RUMW_MOAMN_011
SITE TYPE: ROOFTOP
SITE ADDRESS: HYATT REGENCY BLOOMINGTON-MINNEAPOLIS
3200 E 81ST STREET
BLOOMINGTON, MN 55425

JURISDICTION: BLOOMINGTON



1100 E. WOODFIELD ROAD, SUITE 500
SCHAUMBURG, ILLINOIS 60173
TEL: 847-908-8400
www.FullertonEngineering.com

PROJECT INFORMATION

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FA #: 13931784
USID ID: 182101/182102/181103/182390
PACE #: MRUMW017659/MRUMW017662/MRUMW017666/MRUMW017671
PTN #: 3511A09R84/3511A09R63/3511A09R83/3511A09R82
SITE ADDRESS: HYATT REGENCY BLOOMINGTON-MINNEAPOLIS
3200 E 81ST STREET
BLOOMINGTON, MN 55425
COUNTY: HENNEPIN
JURISDICTION: BLOOMINGTON
APPLICANT: AT&T WIRELESS
901 S. MARQUETTE AVE.
MINNEAPOLIS, MN 55402
LATITUDE: 44.86109
LONGITUDE: -93.22742
GROUND ELEV. (A.M.S.L.): 798'
PROPERTY OWNER: BLOOMINGTON CENTRAL STATION HOTEL, LLC
2737 FAIRVIEW AVENUE N
ST. PAUL, MN 55113
LANDLORD CONTACT: WALT LODERMEIER (651) 634-7718
PROPOSED USE: TELECOMMUNICATIONS FACILITY

SCOPE OF WORK

THE SCOPE OF WORK CONSISTS OF:

- INSTALL (4) NEW PANEL ANTENNAS
- INSTALL (4) NEW 1900 RRH UNITS
- INSTALL (4) NEW 700 RRH UNITS
- INSTALL (1) NEW CABINET
- INSTALL DC POWER AND FIBER CABLES
- INSTALL ARGUS SHELF IN CABINET WITH (4) NEW CONVERTERS

• CONTRACTOR SHALL FURNISH ALL MATERIAL WITH THE EXCEPTION OF AT&T SUPPLIED MATERIAL.

• ALL MATERIAL SHALL BE INSTALLED BY THE CONTRACTOR, UNLESS STATED OTHERWISE.

APPLICABLE BUILDING CODES AND STANDARDS

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.

BUILDING CODE: 2015 MINNESOTA BUILDING CODE

ELECTRICAL CODE: 2017 NATIONAL ELECTRICAL CODE

• FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION.

• ADA ACCESS REQUIREMENTS ARE NOT REQUIRED.

• THIS FACILITY DOES NOT REQUIRE POTABLE WATER AND WILL NOT PRODUCE ANY SEWAGE

REV	DATE	DESCRIPTION	BY
A	11/14/17	90% REVIEW	AA
B	11/30/17	100% REVIEW	AA
0	12/15/17	FINAL	EM
1	1/17/18	REVISION	AA
2	3/22/18	REVISION	AA

I HEREBY CERTIFY THAT THESE DRAWINGS WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND CONTROL, AND TO THE BEST OF MY KNOWLEDGE AND BELIEF COMPLY WITH THE REQUIREMENTS OF ALL APPLICABLE CODES.

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota
Henry M. Bellagamba
License # 43012

SITE LOCATION MAP



DRAWING INDEX

T-1	TITLE SHEET
N-1	GENERAL NOTES
C-1	ROOF PLAN
C-2	ELEVATION
C-3	ANTENNA LAYOUT AND DETAILS
C-4	SITE DETAILS
C-5	EUIPMENT DETAILS

DIRECTIONS

SCAN QR CODE FOR LINK TO SITE LOCATION MAP



DRAWINGS SCALED TO 11"x17"

PROJECT CONSULTANTS

AT&T CONSTRUCTION
MANAGER: AUSTIN N. BRUNKEN
PHONE: (605) 335-8209
EMAIL: AB923@ATT.COM

AT&T PROJECT
MANAGER: MARIA A. BURMEISTER
PHONE: SENIOR C&E PROJECT MANAGER
PHONE: (952) 221-9291
EMAIL: MB018V@ATT.COM

PROJECT MANAGER: SAC WIRELESS
ADDRESS: 540 W. MADISON ST. 17TH FLOOR CHICAGO, IL 60661
CONTACT: AMY HUTCHINGS
EMAIL: amy.hutchings@sacw.com

SITE ACQUISITION: SAC WIRELESS
ADDRESS: 540 W. MADISON ST. 17TH FLOOR CHICAGO, IL 60661
CONTACT: PETER TESSLER
EMAIL: peter.tessler@sacw.com

ENGINEER/ARCHITECT: FULLERTON ENGINEERING
ADDRESS: 1100 E. WOODFIELD RD.,SUITE 500 SCHAUMBURG, IL 60173
CONTACT: HILDA ALLAWIRDI
PHONE: (847) 908-8413
EMAIL: hallawirdi@fullertonengineering.com

CONSTRUCTION: SAC WIRELESS
ADDRESS: 4300 MARKET POINTE DRIVE MINNEAPOLIS, MN 55435
CONTACT: RITA STOLZ
EMAIL: rita.stolz@sacw.com

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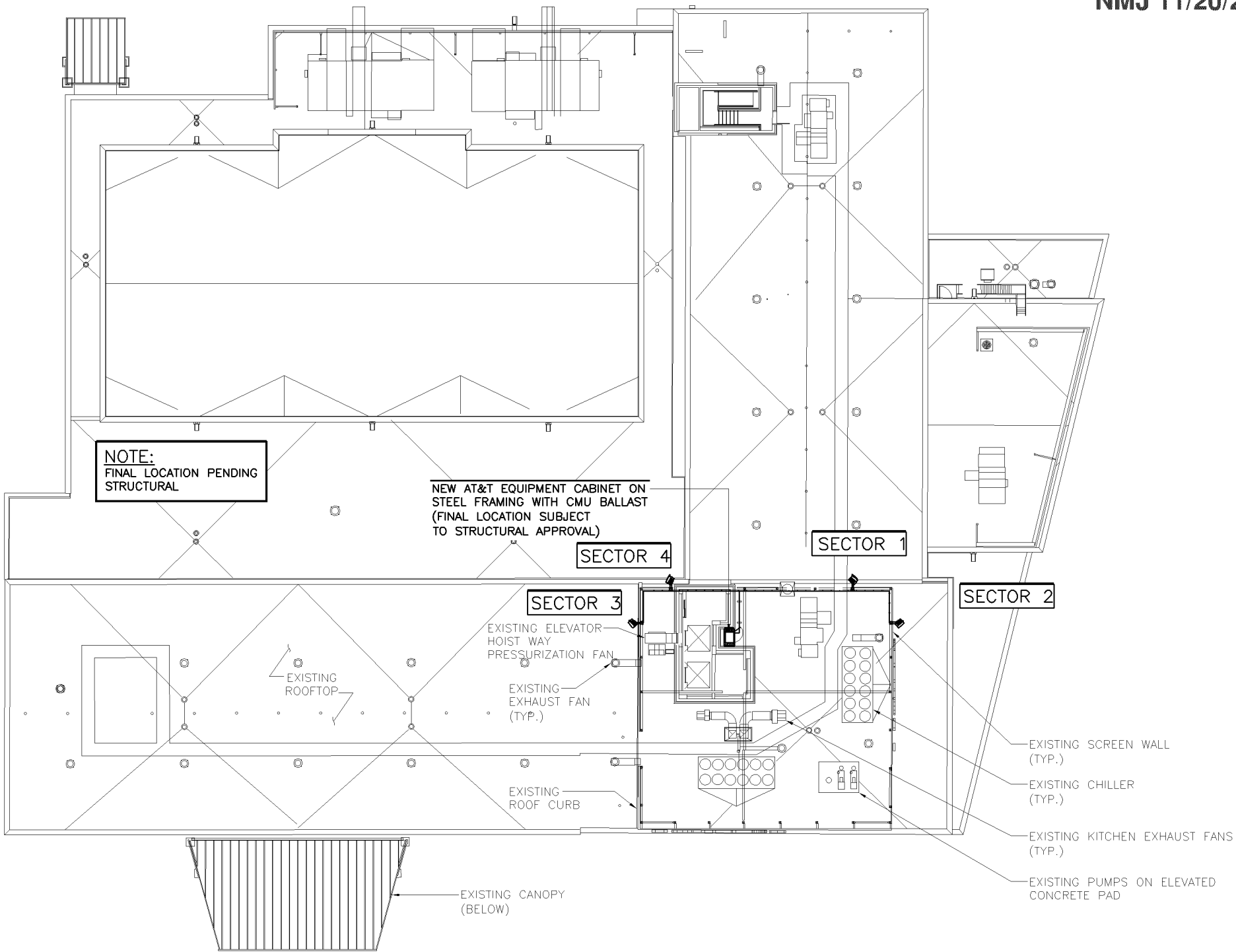
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MRUMW017666/MRUMW017671

SITE ADDRESS
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BLOOMINGTON, MN 55425

SHEET NAME
TITLE SHEET

SHEET NUMBER
T-1

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ZONING REVIEW ONLY
NMJ 11/20/2018



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SHEET NAME
SITE PLAN

SHEET NUMBER
C-1



NOTES:

1. CALCULATIONS FOR THE STRUCTURE AND ANTENNA MOUNTS WERE PREPARED BY FULLERTON AND THOSE CALCULATIONS CERTIFY THE CAPACITY OF THE STRUCTURE TO SUPPORT THE NEW EQUIPMENT
2. CABLES NOT SHOWN FOR CLARITY

PAINT NOTE:

ALL NEW AND EXISTING ANTENNAS, MICROWAVE EQUIPMENT, AND MOUNTING HARDWARE TO BE PAINTED TO MATCH THE COLORS AND/OR SIMULATE THE MATERIALS OF THE BUILDING FACADE ON WHICH THEY ARE MOUNTED.

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SHEET NAME
ELEVATION

SHEET NUMBER
C-2

T/ EXISTING PENTHOUSE ROOF
@ ELEVATION 105'-0"± AGL

CL OF NEW AT&T ANTENNAS
@ ELEVATION 101'-0" AGL

T/ EXISTING ROOF
@ ELEVATION 85'-7"± AGL

NEW AT&T CABINET

(8) NEW AT&T RRHS
(TYP. 2 PER SECTOR)

(4) NEW AT&T ANTENNAS
(TYP. 1 PER SECTOR)

EXISTING BUILDING

T/ GRADE
@ ELEVATION 0'-0"



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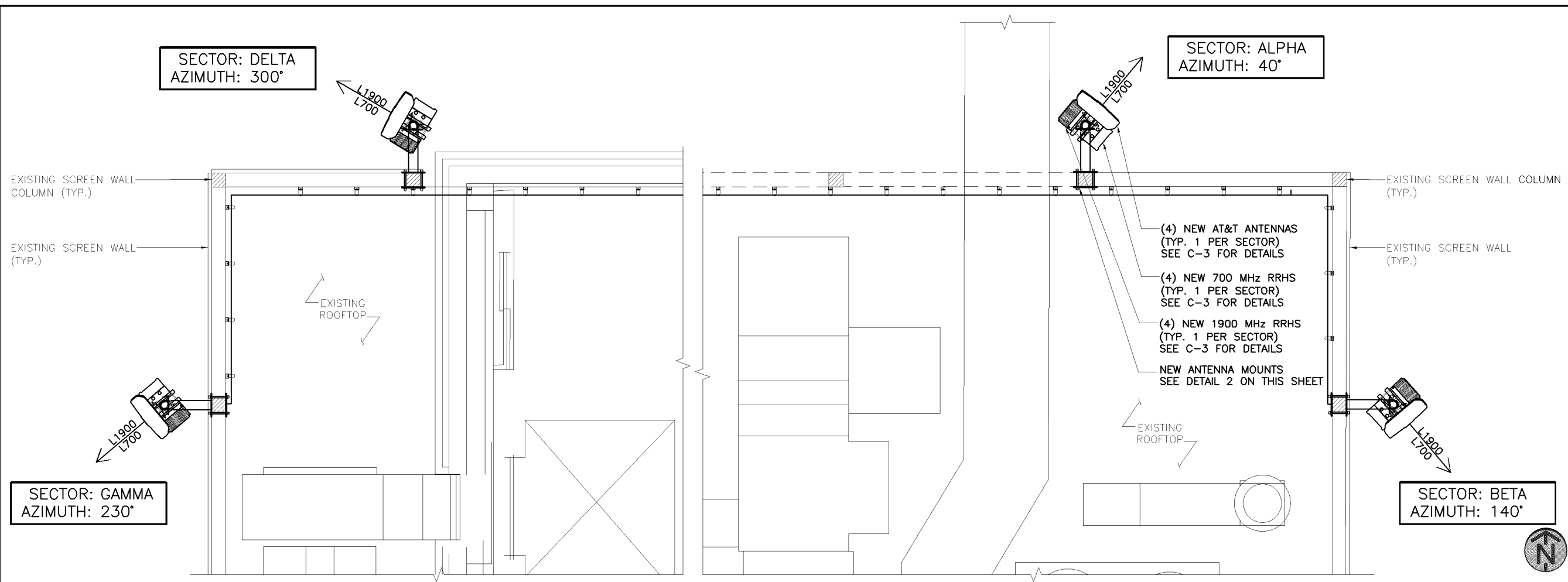
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SHEET NAME
**ANTENNA LAYOUT
AND DETAILS**

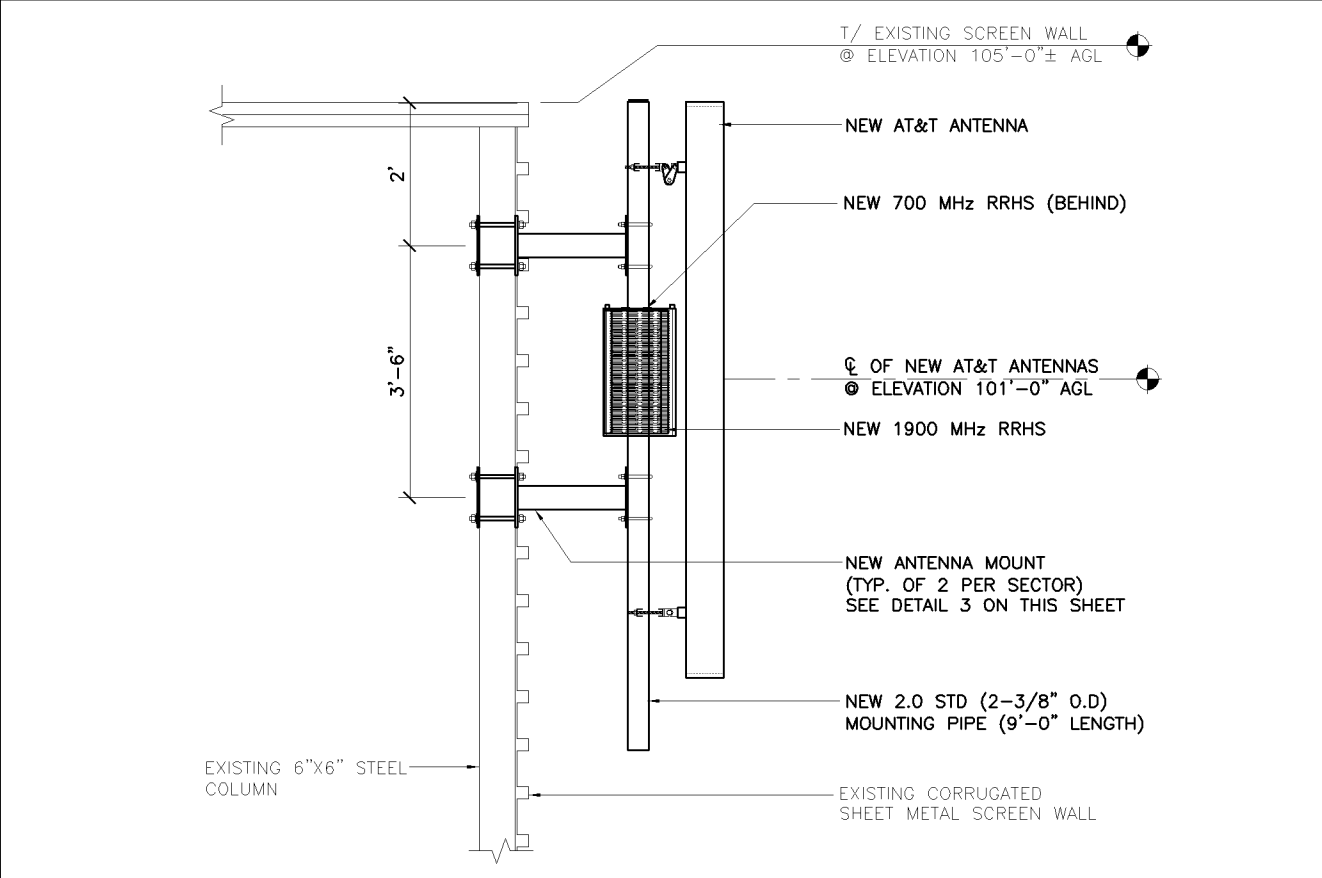
SHEET NUMBER
C-3



ANTENNA LAYOUT

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

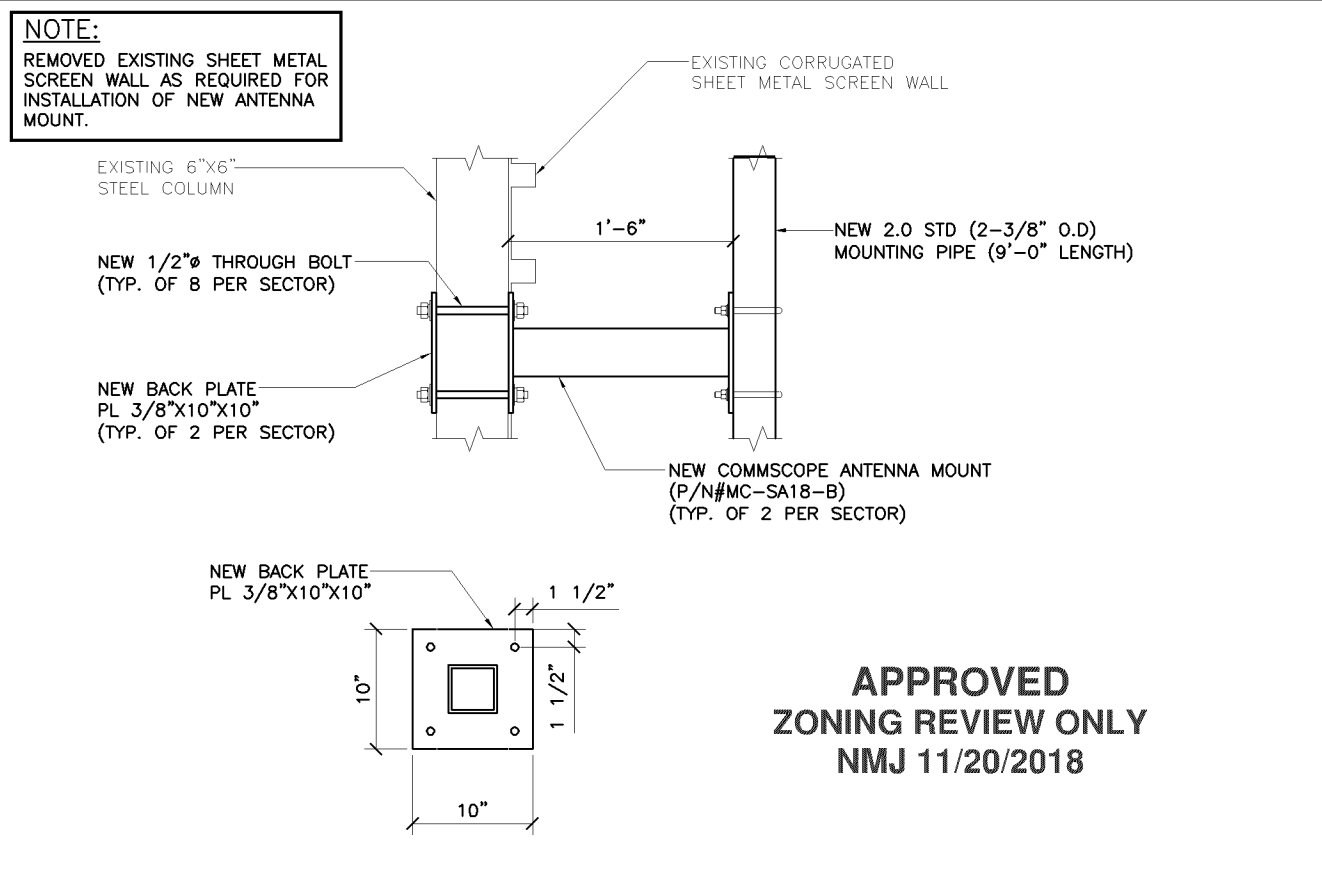
1



TYPICAL ANTENNA MOUNTING DETAIL

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

2



ANTENNA MOUNTING DETAILS

SCALE: 3/4" = 1'-0"

3

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