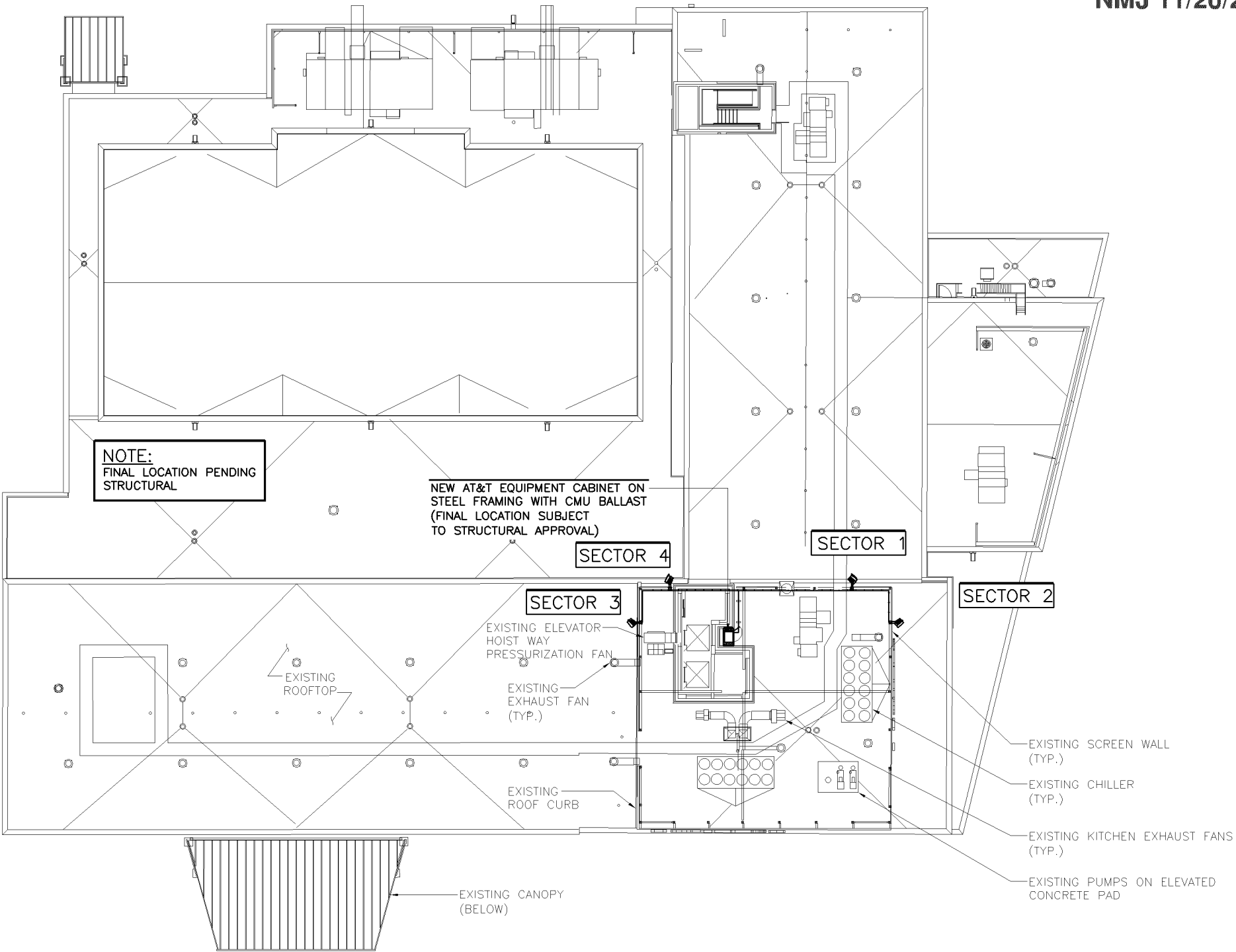


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NMJ 11/20/2018



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

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 NAME
CRAN_RUMW_MOAMN_008/
CRAN_RUMW_MOAMN_009/
CRAN_RUMW_MOAMN_010/
CRAN_RUMW_MOAMN_011

PAGE NUMBER:

MRIMW017659/MRUMW017662
MRUMW017666/MRUMW017671

SITE ADDRESS
3200 E 81ST STREET
BLOOMINGTON, MN 55425

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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SITE NAME

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CRAN_RUMW_MOAMN_009/
CRAN_RUMW_MOAMN_010/
CRAN_RUMW_MOAMN_011

PAGE NUMBER:

MRIMW017659/MRUMW017662
MRUMW017666/MRUMW017671

SITE ADDRESS

3200 E 81ST STREET
BLOOMINGTON, MN 55425

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)

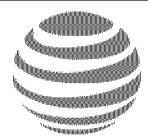
EXISTING BUILDING

T/ GRADE
@ ELEVATION 0'-0"

ELEVATION

SCALE: 1/32" = 1'-0"

1



AT&T
MOBILITY

901 S. MARQUETTE AVENUE
MINNEAPOLIS, MN 55402



SAC
WIRELESS

540 W. MADISON ST. 17TH FLOOR
CHICAGO, IL 60661

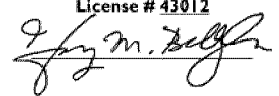
FULLERTON
ENGINEERING DESIGN

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SCHAUMBURG, ILLINOIS 60173
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CRAN_RUMW_MOAMN_010/
CRAN_RUMW_MOAMN_011

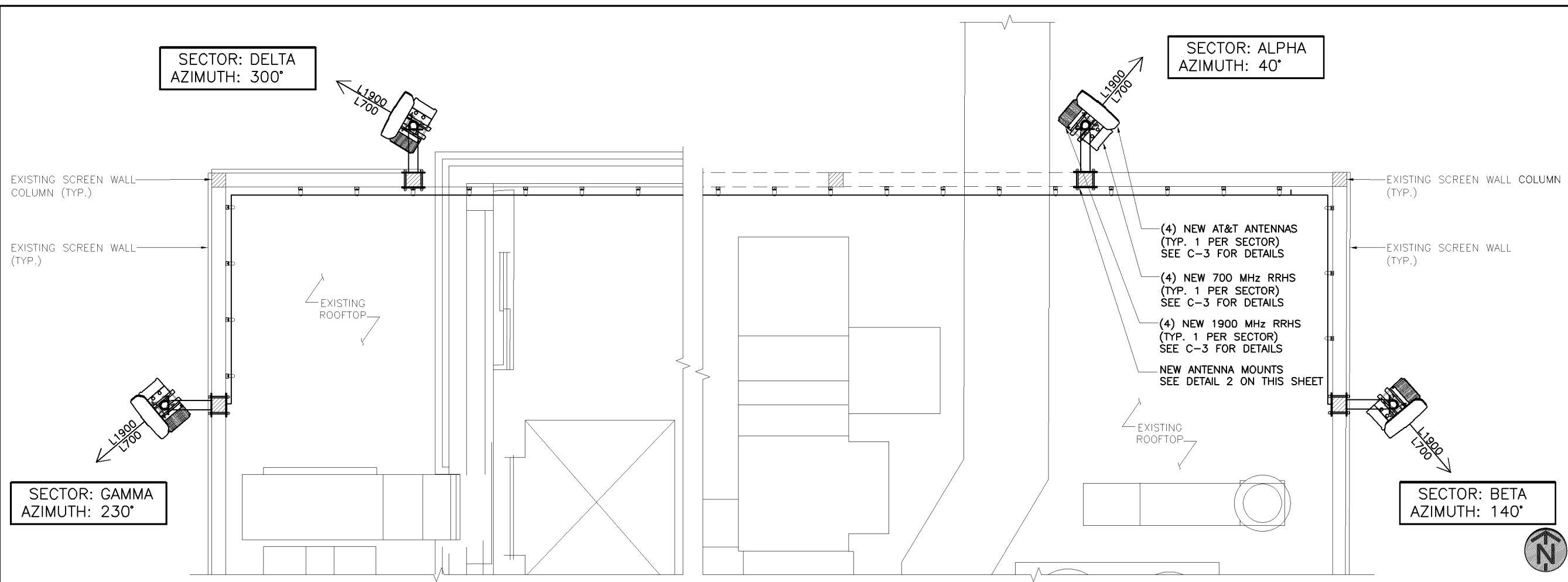
PAGE NUMBER:

MRIMW017659/MRUMW017662
MRUMW017666/MRUMW017671

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BLOOMINGTON, MN 55425

SHEET NAME
**ANTENNA LAYOUT
AND DETAILS**

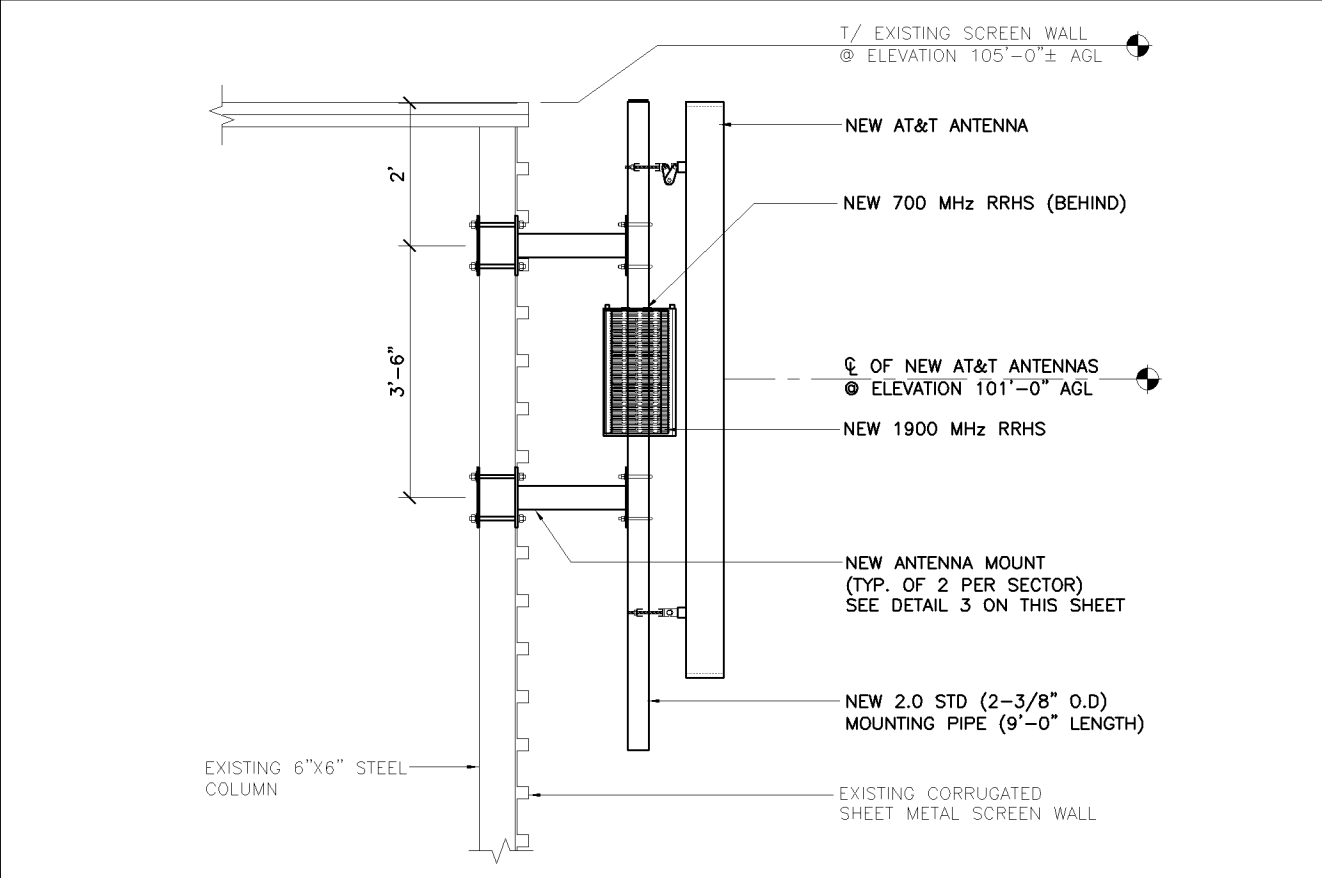
SHEET NUMBER
C-3



ANTENNA LAYOUT

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

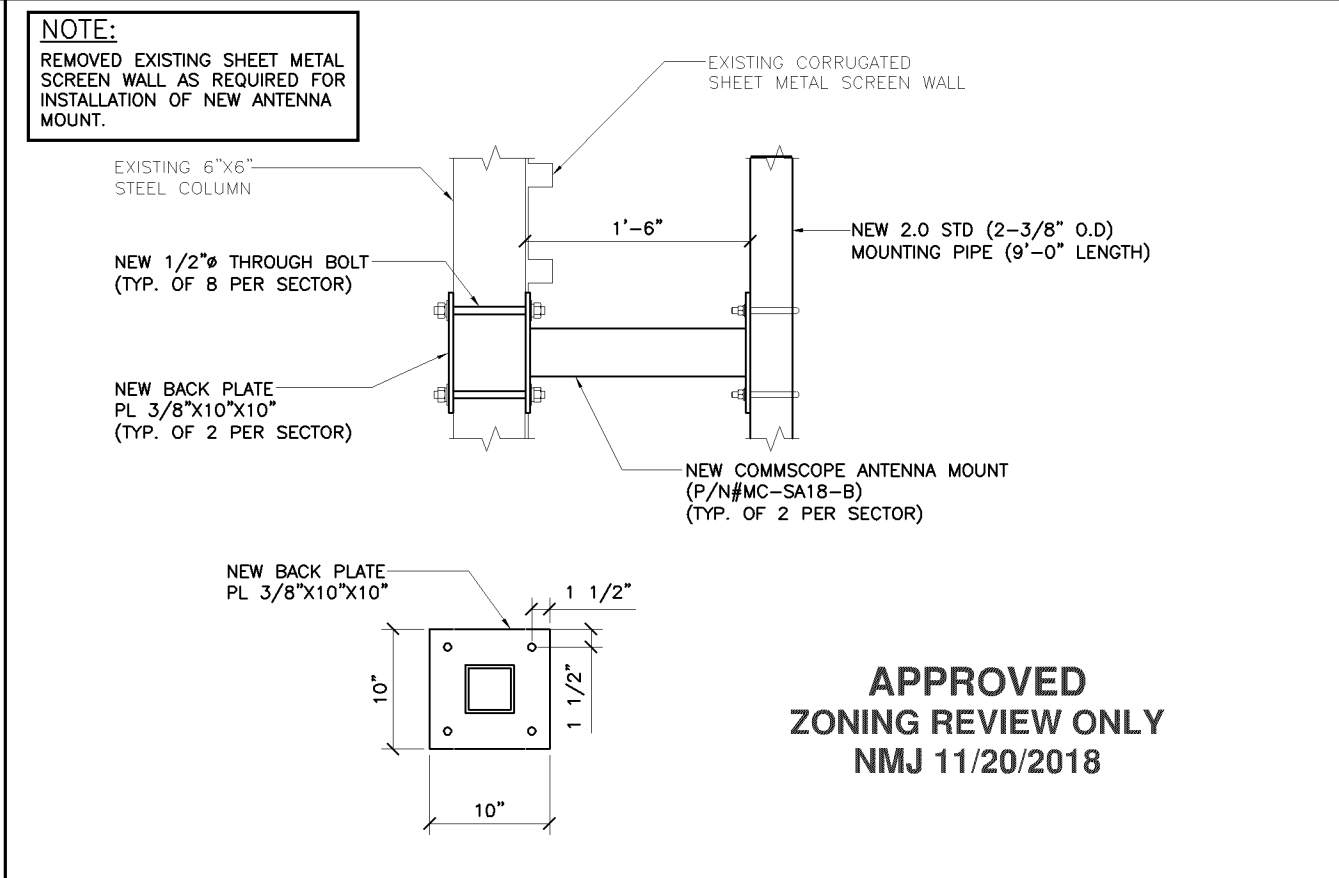
1



TYPICAL ANTENNA MOUNTING DETAIL

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

2



ANTENNA MOUNTING DETAILS

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

3

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