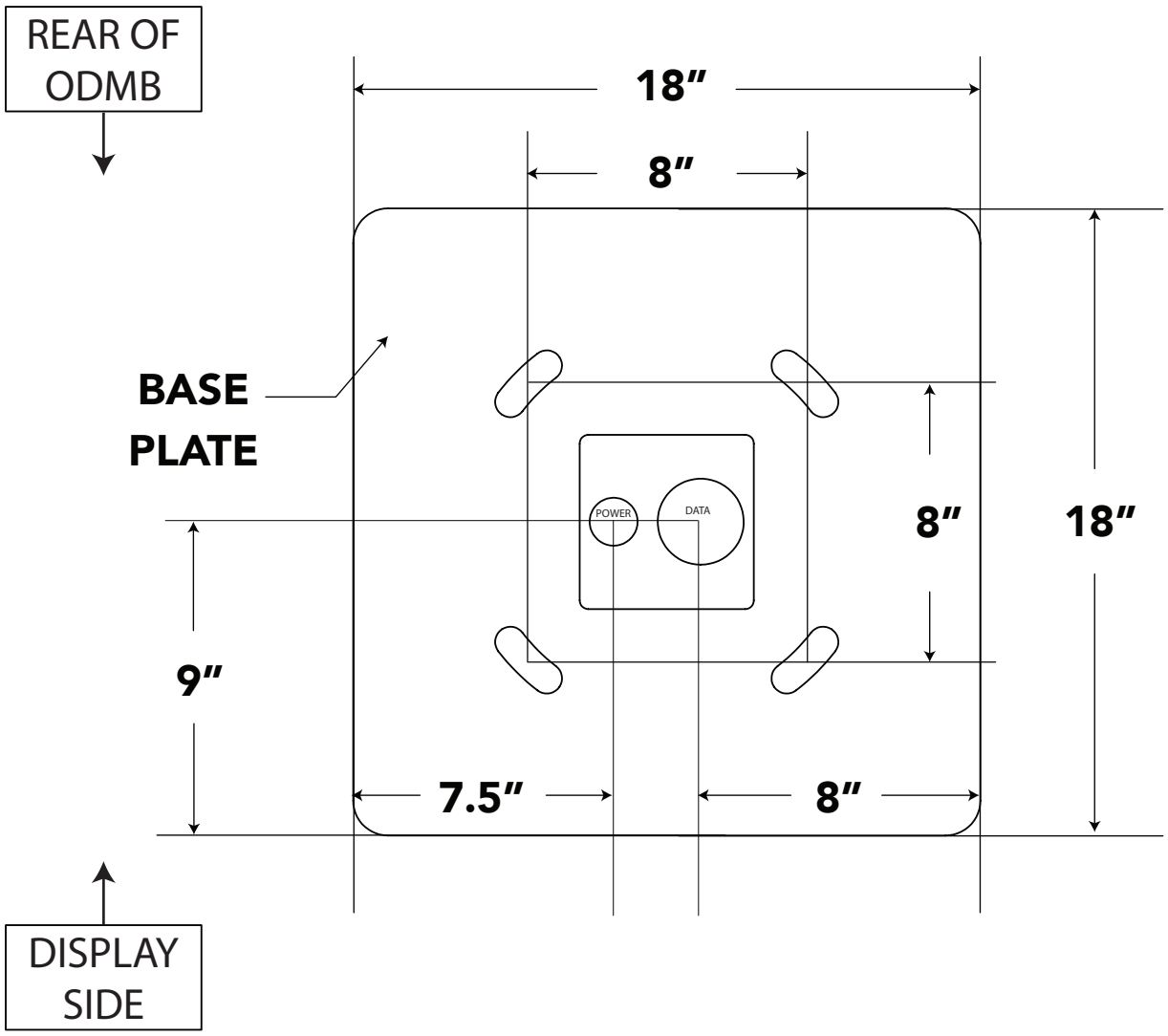
FOUNDATION DETAIL INSTUCTIONS

46" & 55" - Gen 2 Outdoor Digital Menu Board System

THE FOUNDATION REQUIREMENTS STATED IN THIS CERTIFICATION ARE APPLICABLE FOR 1X3, 1X2, AND 1X1 SYSTEM CONFIGURATIONS



ANCHOR BOLT PATTERN

NOTE DIRECTION OF DISPLAY SIDE WHEN SETTING CONDUIT THROUGH FOUNDATION

SOIL CLASS 5 : THREADED ROD ANCHOR SYSTEM

WIND LOAD
115 MPH (ASCE 7-16)

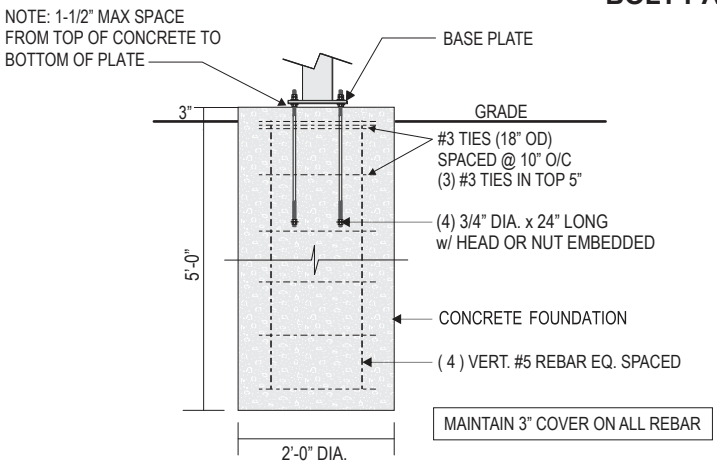
DESIGN PARAMETERS:
2021 INTERNATIONAL BUILDING CODE
ASCE 7-16
WIND SPEED DATA
1. BASIC WIND SPEED = 115 MPH
(3 SEC. GUST)
2. RISK CATEGORY II
3. WIND EXPOSURE C
4. INTERNAL PRESSURE COEF. N/A
5. COMPONENT AND CLADDING N/A

MATERIALS:
GRADE F1554 Gr 36 ANCHOR BOLTS
GRADE A615 60 KSI REBAR
3000 PSI CONCRETE @ 28 DAYS

CLASS 5 SOIL:
1500 PSF SOIL BEARING
100 PSF/LF SOIL LATERAL BEARING
UNDISTURBED SOIL

FOUNDATION DETAIL

BOLT PATTERN:
8" x 8"



WIND LOAD
150 MPH (ASCE 7-16)

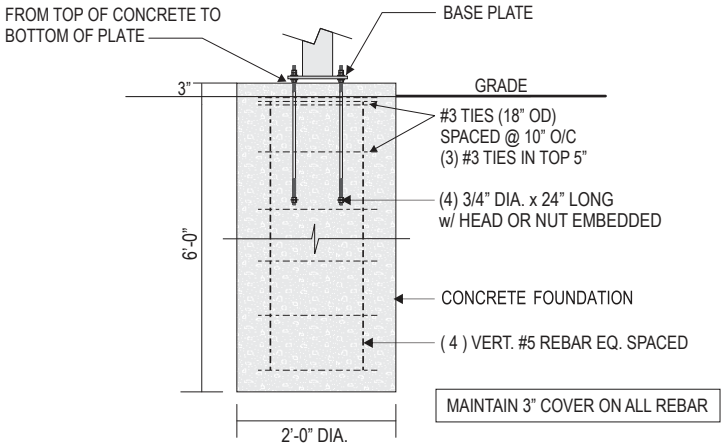
DESIGN PARAMETERS:
2021 INTERNATIONAL BUILDING CODE
ASCE 7-16
WIND SPEED DATA
1. BASIC WIND SPEED = 150 MPH
(3 SEC. GUST)
2. RISK CATEGORY II
3. WIND EXPOSURE C
4. INTERNAL PRESSURE COEF. N/A
5. COMPONENT AND CLADDING N/A

MATERIALS:
GRADE F1554 Gr 36 ANCHOR BOLTS
GRADE A615 60 KSI REBAR
3000 PSI CONCRETE @ 28 DAYS

CLASS 5 SOIL:
1500 PSF SOIL BEARING
100 PSF/LF SOIL LATERAL BEARING
UNDISTURBED SOIL

FOUNDATION DETAIL

BOLT PATTERN:
8" x 8"



WIND LOAD
180 MPH (ASCE 7-16)

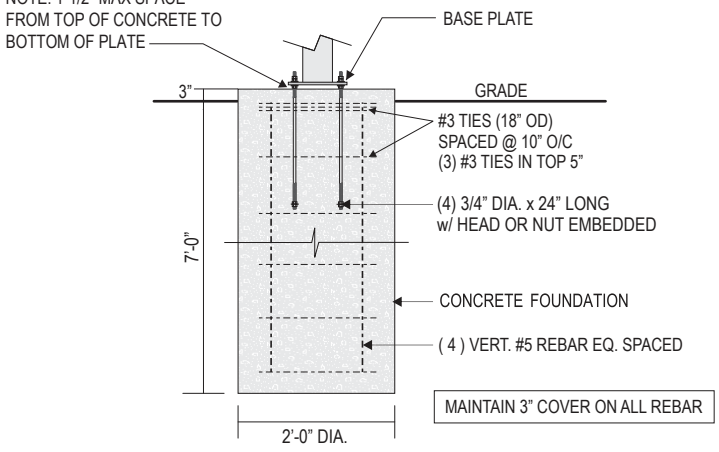
DESIGN PARAMETERS:
2021 INTERNATIONAL BUILDING CODE
ASCE 7-16
WIND SPEED DATA
1. BASIC WIND SPEED = 180 MPH
(3 SEC. GUST)
2. RISK CATEGORY II
3. WIND EXPOSURE C
4. INTERNAL PRESSURE COEF. N/A
5. COMPONENT AND CLADDING N/A

MATERIALS:
GRADE F1554 Gr 36 ANCHOR BOLTS
GRADE A615 60 KSI REBAR
3000 PSI CONCRETE @ 28 DAYS

CLASS 5 SOIL:
1500 PSF SOIL BEARING
100 PSF/LF SOIL LATERAL BEARING
UNDISTURBED SOIL

FOUNDATION DETAIL

BOLT PATTERN:
8" x 8"



SOIL CLASS 5 : HILTI ADHESIVE ANCHOR SYSTEM

WIND LOAD

115 MPH (ASCE 7-16)

DESIGN PARAMETERS:

2021 INTERNATIONAL BUILDING CODE
ASCE 7-16 WIND SPEED DATA:
1. BASIC WIND SPEED = 115 MPH
   (3 SEC. GUST)
2. RISK CATEGORY II
3. WIND EXPOSURE C
4. INTERNAL PRESSURE COEF. N/A
5. COMPONENT AND CLADDING N/A

MATERIALS:

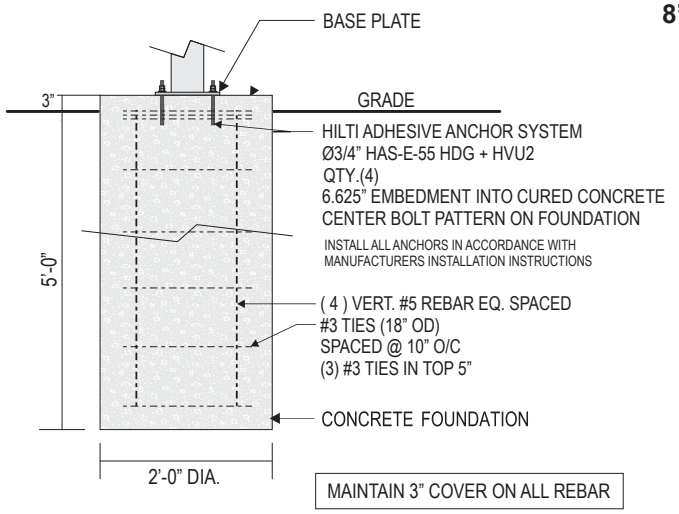
HILTI ADHESIVE ANCHOR SYSTEM
Ø3/4" HAS-E-55 HDG + HVU2
GRADE A615 60 KSI REBAR
3000 PSI CONCRETE @ 28 DAYS

CLASS 5 SOIL:

1500 PSF SOIL BEARING
100 PSF/LF SOIL LATERAL BEARING
UNDISTURBED SOIL

FOUNDATION DETAIL

BOLT PATTERN:
8" x 8"



MAINTAIN 3" COVER ON ALL REBAR

(INSTRUCTIONS CONSOLIDATED FROM IBC2021_500SER_EPOXY.PDF & IBC2021_500SER_THREADED.PDF)