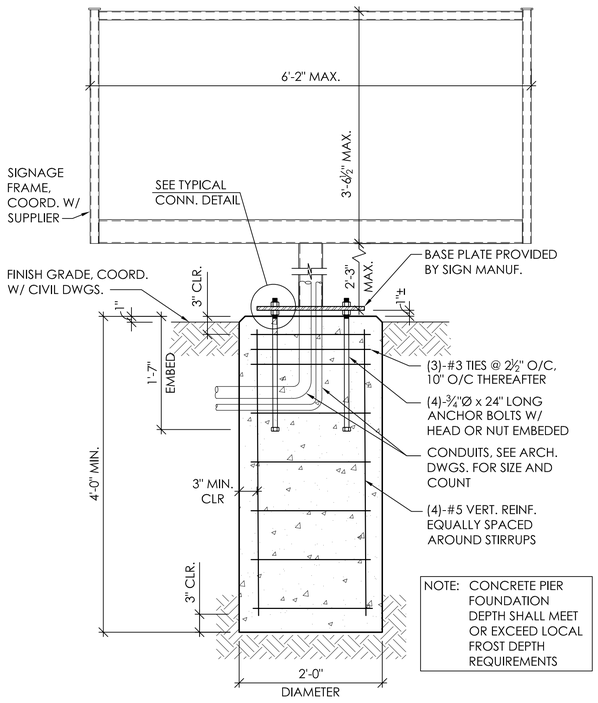


FOUNDATION SECTION (MENU BOARD)

1" = 1'-0"

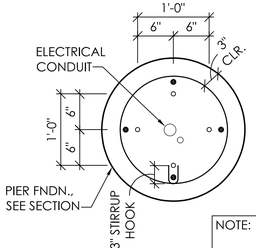
STEEL NOTES:

1. REINFORCEMENT: GRADE 60.
2. ALL HARDWARE SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A-123 UNLESS OTHERWISE NOTED.
3. ANCHOR RODS, NUTS, AND WASHERS SHALL BE SHIPPED AS AN ASSEMBLY FROM THE SIGN/LIGHTING MANUFACTURER. COORDINATE WITH MANUFACTURER.
   A. ANCHOR BOLTS: ASTM F1554, GRADE 36
   B. WASHERS: ASTM F-436
   C. NUTS: A563DH OR A194-2H
4. FIELD HEATING TO BEND STEEL SHALL NOT BE ALLOWED.
5. ANCHOR BOLTS TO BE CUT, IF NEEDED, TO 3½". APPLY COLD GALVANIZING TO CUT BOLT ENDS.
6. CONTRACTOR (INSTALLER) IS RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION IN REGARDS TO JOBSITE SAFETY.
7. STRUCTURAL SIGN FRAME AND BASE PLATE DETAILS ARE PROVIDED BY SIGN MANUFACTURER. COORDINATE ALL ATTACHMENTS OF SIGN WITH MANUFACTURER. REFER TO SIGN MANUFACTURER DRAWINGS AND INSTRUCTIONS FOR ADDITIONAL INFORMATION.

ANCHOR BOLT, NUT AND WASHER NOTES:

1. TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE ON TOP OF FOUNDATION.
2. USE F1554 GRADE 36 BOLTS MINIMUM.
3. USE HOT-DIP GALVANIZED BOLTS IN ACCORDANCE WITH ASTM A-123.
4. ANCHOR BOLTS TO BE SET IN ACCORDANCE WITH AISC CODE OF STANDARD PRACTICE.
5. ANCHOR BOLTS, NUTS AND WASHERS SHALL BE SHIPPED AS AN ASSEMBLY FROM THE CANOPY, SIGN/LIGHTING MANUFACTURER.
6. DO NOT CUT ANCHOR BOLTS AFTER INSTALLATION OF FRAME.

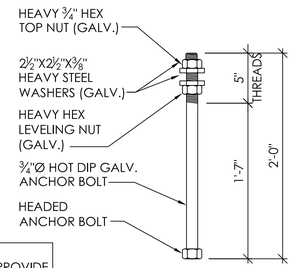
NOTE: *DIMENSIONS SHALL BE VERIFIED WITH SIGN FRAME AND BASE PLATE PRIOR TO CONCRETE PLACEMENT.



NOTE: IF BOLTS ARE CUT, CONTRACTOR SHALL PROVIDE GALVANIZING SPRAY AT CUT BOLTS TO AVOID RUSTING.

TYPICAL ANCHOR BOLT PATTERN

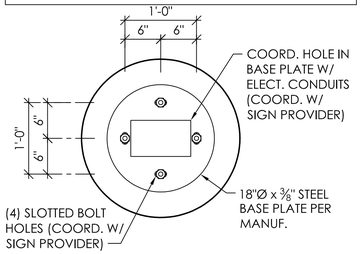
NOT TO SCALE



ANCHOR BOLT DETAIL

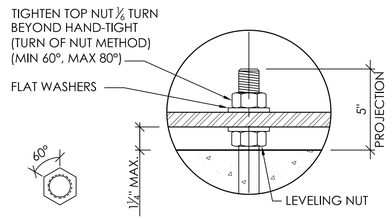
NOT TO SCALE

NOTE: COORDINATE CONDUIT PLACEMENT INSIDE SIGN BASE PRIOR TO CONCRETE PLACEMENT.



TYPICAL SIGN BASE PLATE DETAIL

NOT TO SCALE



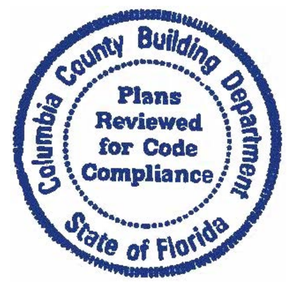
NOTE: THE DISTANCE FROM THE TOP OF THE FOUNDATION TO THE BOTTOM OF THE BASE PLATE SHALL BE NO GREATER THAN 2".

TYPICAL CONNECTION DETAIL

NOT TO SCALE

GENERAL NOTES:

1. THE FOLLOWING CODES WERE USED IN DESIGN:
   7TH EDITION FLORIDA BUILDING CODE, IBC 2018 AND ASCE-7 (2016).
2. STRUCTURAL LOADINGS:
   WIND:
   WIND (3 SECOND GUST)..... V_{ULT} = 120 MPH
   V_{ASD} = 93 MPH
   EXPOSURE..... C
   RISK CATEGORY..... II
   WIND BASE SHEAR..... V_b = 950 LBS (MENU BOARD)
   SEISMIC:
   SEISMIC IMPORTANCE FACTOR (Ie)..... 1.0
   MAPPED SPECTRAL RESPONSE ACCELERATIONS..S_s..... 0.086g
   S_1..... 0.051g
   DESIGN SPECTRAL RESPONSE ACCELERATIONS S_{DS}..... 0.092g
   S_{D1}..... 0.082g
   SITE CLASS..... D
   SEISMIC DESIGN CATEGORY..... B
   SEISMIC RESPONSE COEFFICIENT (C_S)..... 0.030
   COMPONENT RESPONSE MODIFICATION FACTOR (R_P)..3.5
   SEISMIC DESIGN FORCE (F_P)..... 0.03 KIPS (MENU BOARD)
   FROST DEPTH..... 0'-4"
3. ALL FOOTING EXCAVATIONS ARE TO BE CLEAR OF WATER AND FOREIGN MATTER BEFORE PLACING CONCRETE.
4. PRESUMPTIVE MINIMUM ALLOWABLE LATERAL SOIL BEARING PRESSURE (S_o) OF 100 PSF. CONTRACTOR SHALL CONFIRM AN ALLOWABLE BEARING PRESSURE (S_b) OF 1500 PSF. ALLOWABLE BEARING PRESSURE SHALL BE VERIFIED PRIOR TO CONCRETE PLACEMENT.
5. FOUNDATION SHALL NOT BE PLACED ON OR AT THE TOP OF A SLOPE EXCEEDING 3:1 WITHOUT EVALUATION BY A PROFESSIONAL LICENSED IN THAT STATE. DO NOT PLACE FOUNDATION IN FILL MATERIAL.
6. DEPTH OF PIER FOUNDATIONS MAY BE LOWERED IF NEEDED TO OBTAIN LOCAL FROST DEPTH ELEVATIONS OR IF REQUIRED DUE TO POOR SOIL CONDITIONS. VERIFY FROST DEPTH ELEVATIONS WITH LOCAL CODE OFFICIAL.
7. ELECTRICAL CONTRACTOR TO PROVIDE INFORMATION ON CONDUIT AND ELECTRICAL REQUIREMENTS AND CONTRACTOR (INSTALLER) SHALL COORDINATE PLACEMENT TO MAINTAIN 2" CLEAR TO ANCHOR BOLTS.
8. COORDINATE LOCATIONS OF SIGNS AND FOUNDATIONS WITH SITE PLAN.
9. CONTRACTOR SHALL CUT EXCESS SONOTUBE FROM AROUND THE PERIMETER OF THE PIER FOUNDATION AFTER PLACEMENT OF BOARD (PRIOR TO LEAVING SITE).
10. CONTRACTOR SHALL NOT DEVIATE FROM STRUCTURAL DRAWING WITHOUT PRIOR WRITTEN CONSENT AND INSTRUCTIONS REGARDING ANY CHANGE TO THE CONTRACT DRAWINGS. ANY DEVIATION FROM THIS DESIGN OR FROM ANY PART OF THIS DRAWING WITHOUT PRIOR WRITTEN CONSENT OF THIS ENGINEER SHALL VOID ALL LIABILITY ASSOCIATED WITH THIS WORK.
11. SPECIAL INSPECTIONS ARE NOT REQUIRED FOR THESE SIGN FOUNDATIONS.



Donald L. Broyles, P.E.
508 baylor court
suite C
chesapeake, virginia 23320

1" = 1'-0" (0, 3", 6", 12")

REV	DATE	BY	DESCRIPTION

RRMM ARCHITECTS, PC
1317 Executive Blvd, Suite 200
Chesapeake, VA 23320
(757)622-2828 / fax (757)622-6883

DONALD L. BROYLES LICENSE Donald L. Broyles No. 65879 STATE OF FLORIDA PROFESSIONAL ENGINEER 3/9/22

Donald L. Broyles — Digitally signed by Donald L. Broyles — DN: cn=Donald L. Broyles, o=RRMM Architects, PC, ou=Chesapeake, VA Regional Office, email=dbroyles@rrmmarchitects.com, c=US — Date: 2022.03.09 14:13:54 -05'00'

HAR 1501517

Harders — COMMERCIAL SIGN SPECIALISTS

SITE ADDRESS: 2609 W US HWY 90, LAKE CITY, FL 32055

DATE	03/09/2022
PROJECT	22801-10
DESIGNED	WPH
DRAWN	WPH
CHECKED	DLB

MENU BOARD FOUNDATION

S1.0

FILE NAME: N:_Sign Foundations\Harders_Carl's Jr\2022-6140\DWG\Struct CKE 1501514, Lake City, FL.dwg LAYOUT NAME: i-P&M BOARDS PLOTTED: Wednesday, March 09, 2022 - 2:16pm