

XX - EXTRUDED ALUMINUM SIGNS INDEX OF DRAWINGS			
DRAWING NUMBER	DRAWING TITLE	DRAWING NUMBER	DRAWING TITLE
EAS-1	EXTRUDED ALUMINUM SIGN PANEL - INDEX OF DRAWINGS		
EAS-2	EXTRUDED ALUMINUM SIGN PANEL - CONNECTION DETAILS		
EAS-3	EXTRUDED ALUMINUM SIGN PANEL - MANUFACTURING DETAILS		

NOTE TO DESIGNERS:

1 - DESIGNERS SHOULD PERFORM THE BELOW LISTED EDITS ON THE PDF FOR SUBMISSION.

- DOUBLE CLICK ON TEXT "XX" TO EDIT SUBSET NUMBER IN THE INDEX OF DRAWING BLOCK.
- DOUBLE CLICK ON TEXT "INSERT" AND "XXXX-XXXX" TO EDIT THE PROJECT SPECIFIC INFORMATION IN THE TITLE BLOCK. RIGHT CLICK ON THE TEXT AND "APPLY TO PAGES" TO COPY THE TITLE BLOCK INFORMATION TO ALL DRAWINGS.

2 - DESIGNERS SHOULD ADD PAGE LABELS, SHEET NUMBERS, WATERMARKS AND DIGITAL SIGNATURE FIELD TO THE PDF AND FLATTEN THIS DOCUMENT IN ACCORDANCE WITH THE LATEST VERSION OF CTDOT DIGITAL PROJECT DEVELOPMENT MANUAL.

3 - DELETE THIS TEXT BOX BEFORE SUBMITTING.

SIGNATURE BLOCK TO BE USED FOR CONSULTANT DESIGN PROJECTS ONLY; DELETE THE STATE DESIGN SIGNATURE BLOCK BELOW. DELETE THIS TEXT BEFORE FLATTENING.

Consultant Digital Signature Stamp

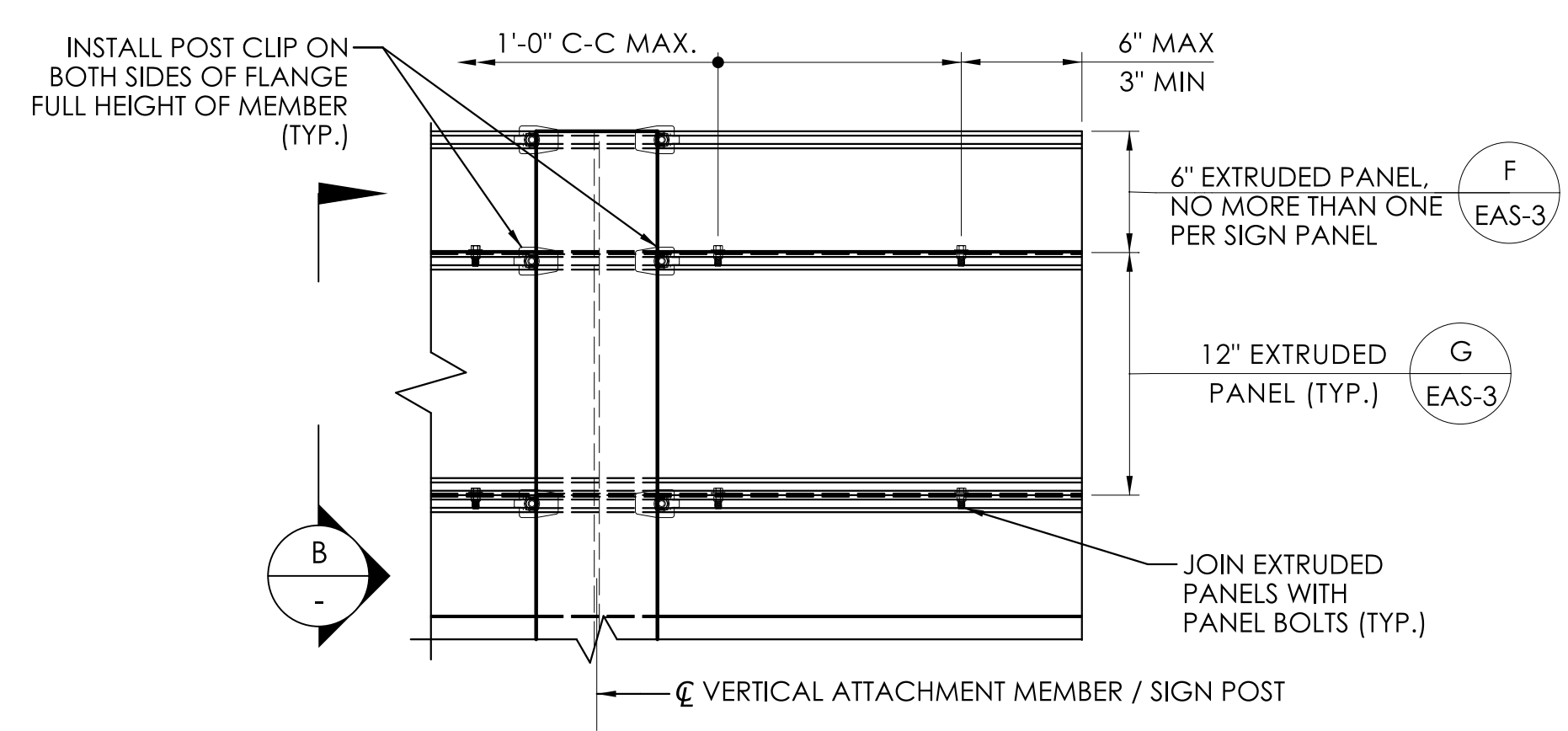
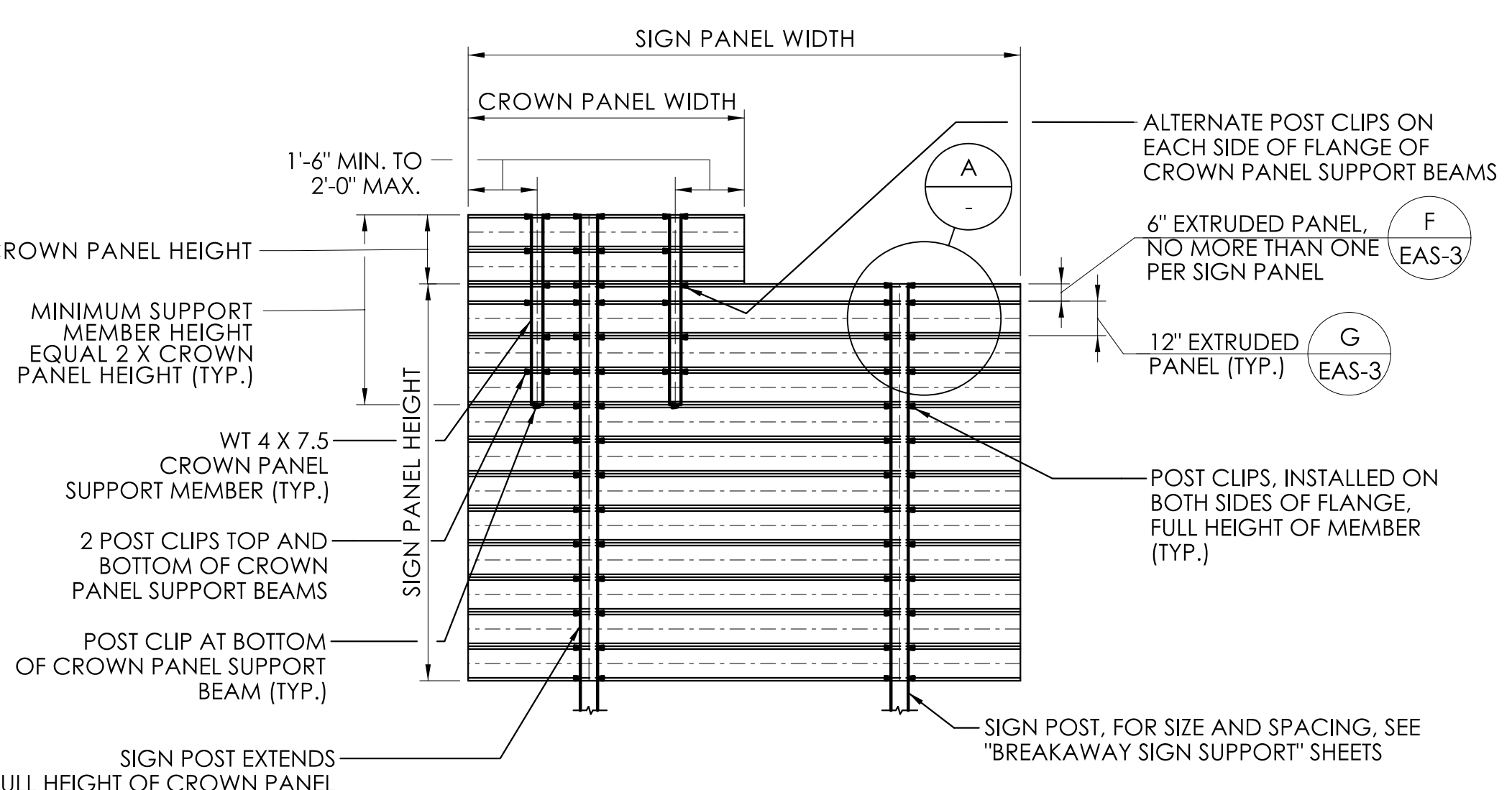
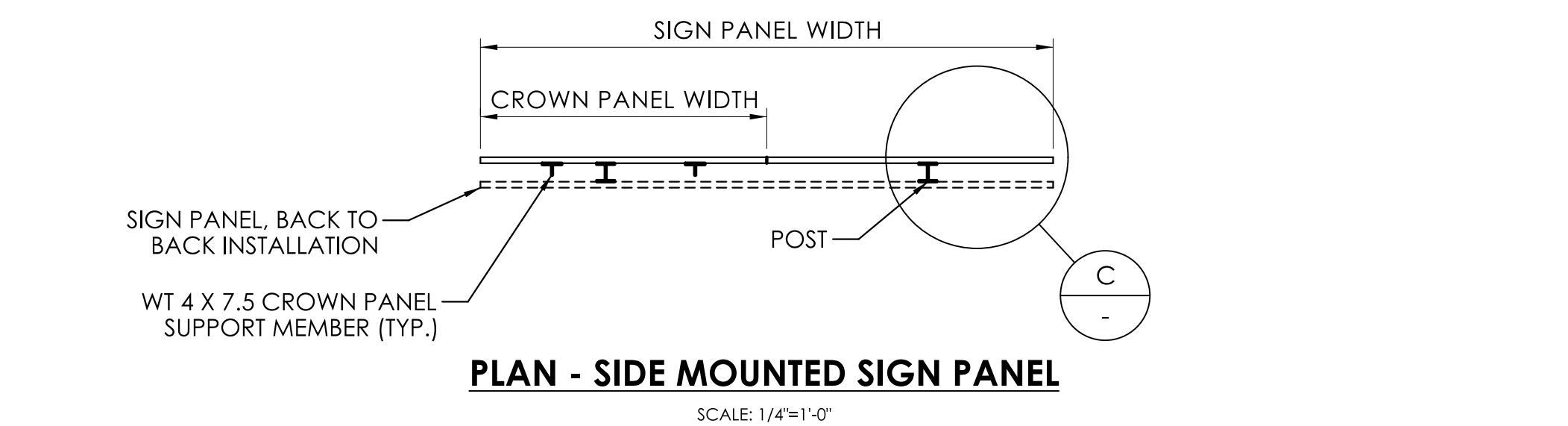
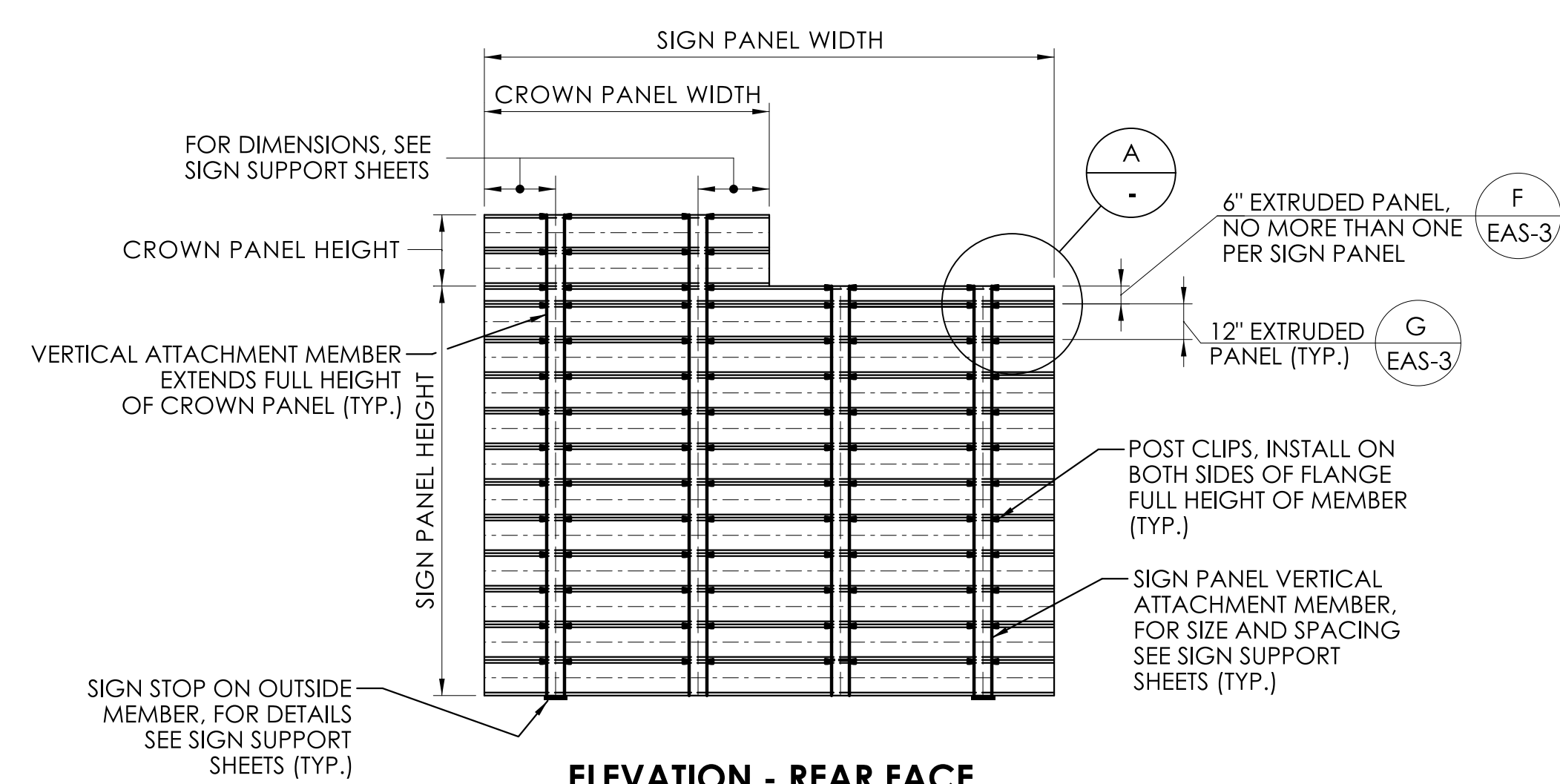
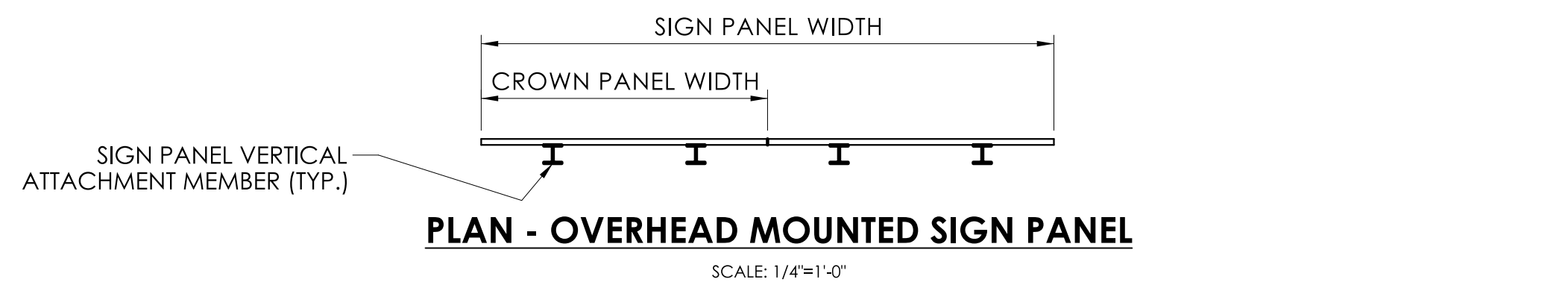
Add firm name and address here

SIGNATURE BLOCK TO BE USED FOR STATE DESIGN PROJECTS ONLY; DELETE THE CONSULTANT SIGNATURE BLOCK ABOVE. DELETE THIS TEXT BEFORE FLATTENING.

THE DESIGN APPEARS TO CONFORM TO APPLICABLE CRITERIA. APPROVAL IS NOT TO BE CONSTRUED TO MEAN THAT ALL ASPECTS OF THE DESIGN HAVE BEEN PERSONALLY CHECKED BY THE UNDERSIGNED.

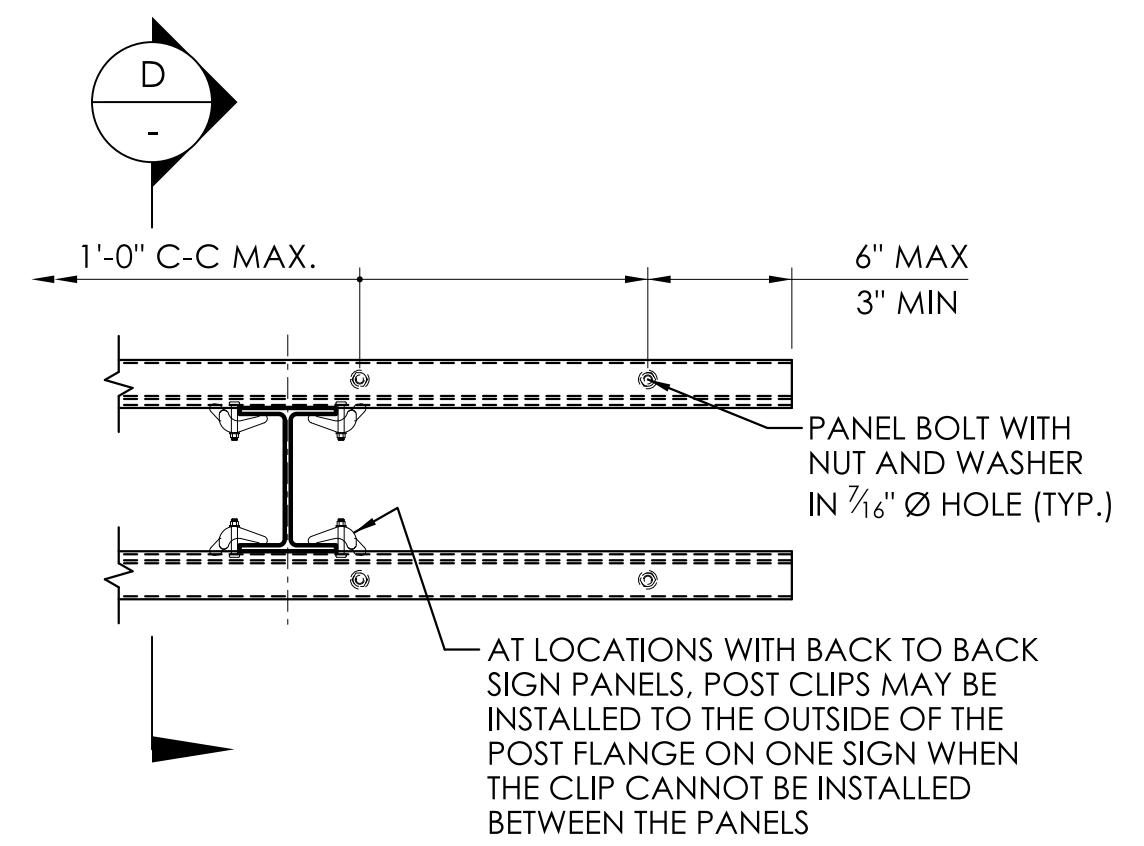
TRANSPORTATION PRINCIPAL ENGINEER

REV.	DATE	REVISION DESCRIPTION

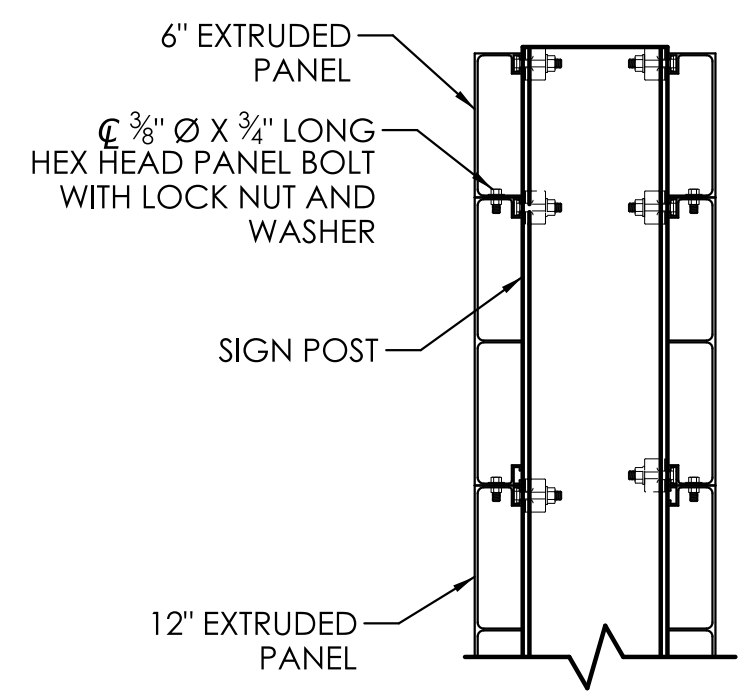


NOTE:
THE EXTRUDED ALUMINUM SIGN PANELS SHALL BE CONNECTED TOGETHER WITH PANEL BOLTS INSTALLED IN ACCORDANCE WITH THE SPACING CRITERIA SHOWN. IF THE PANEL BOLTS CANNOT BE INSTALLED DUE TO MISALIGNED HOLES, A NEW HOLE(S) SHALL BE INSTALLED IN THE FLANGE OF THE EXTRUDED PANEL. THE NEW HOLE(S) SHALL BE A MINIMUM OF 2" FROM ANY EXISTING PANEL BOLT HOLES.

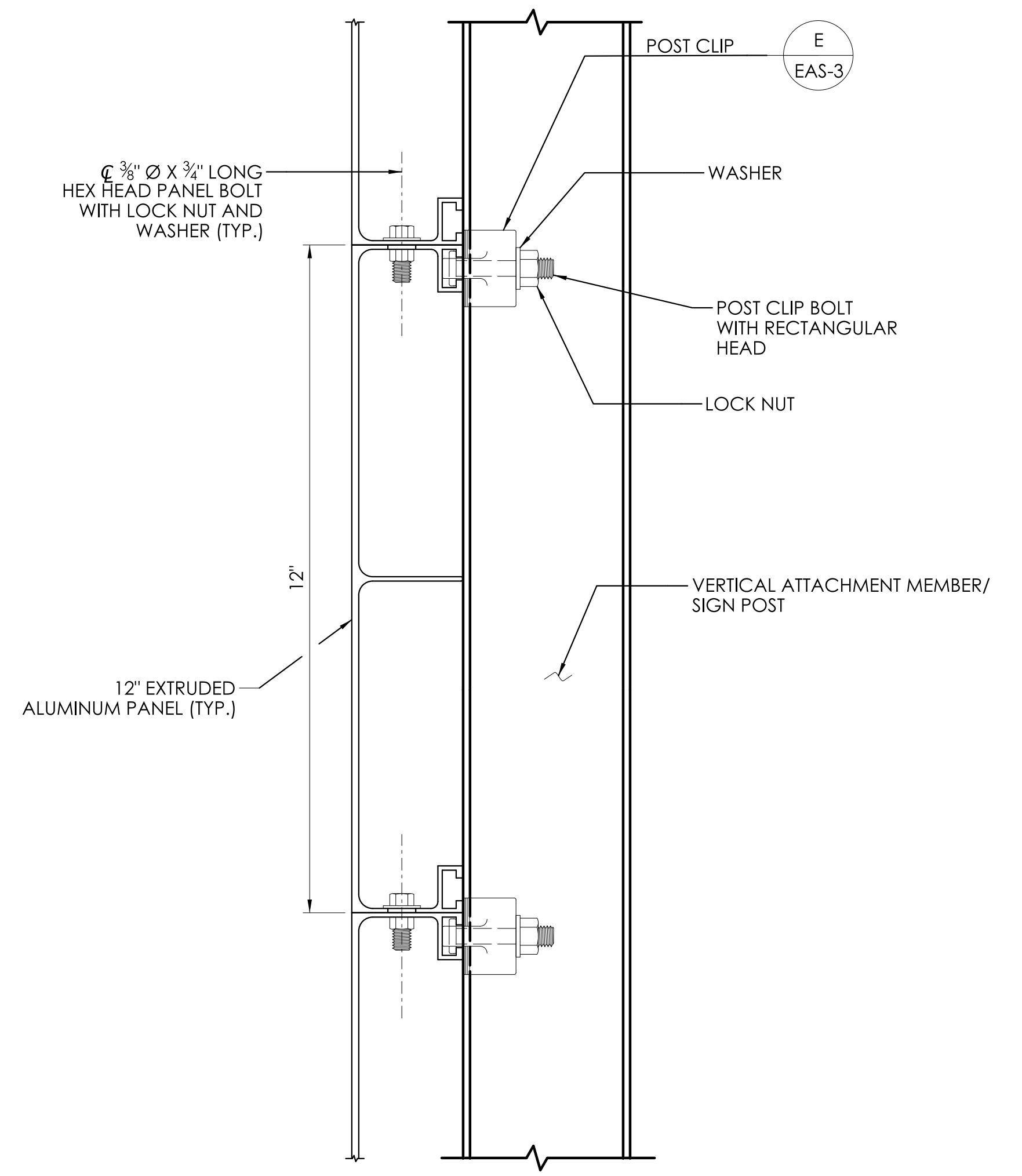
SIGN PANEL CONNECTION DETAILS (A)



PLAN - PANEL BOLT (C)

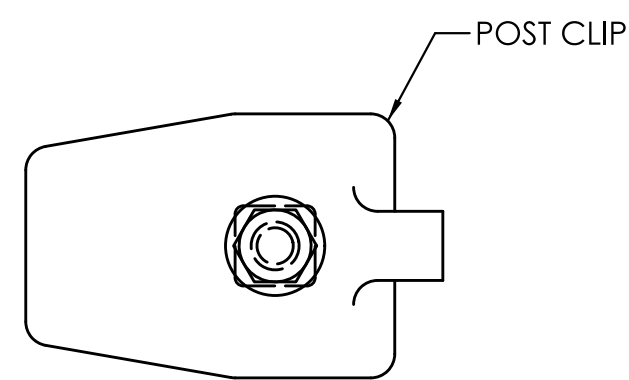


SECTION - DOUBLE PANELS (D)

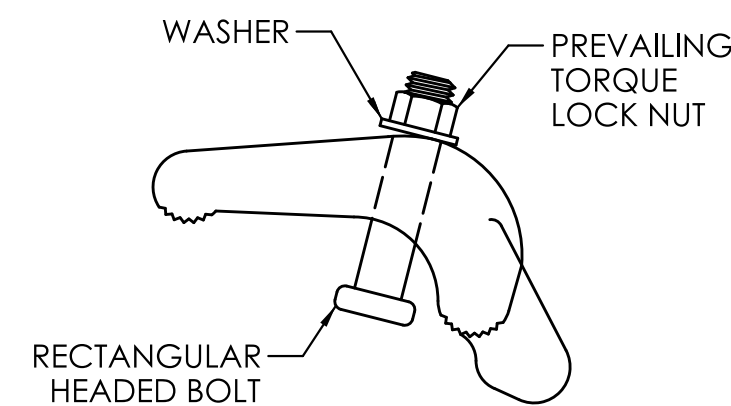


SECTION - SIGN PANEL CONNECTION (B)

REV.	DATE	REVISION DESCRIPTION



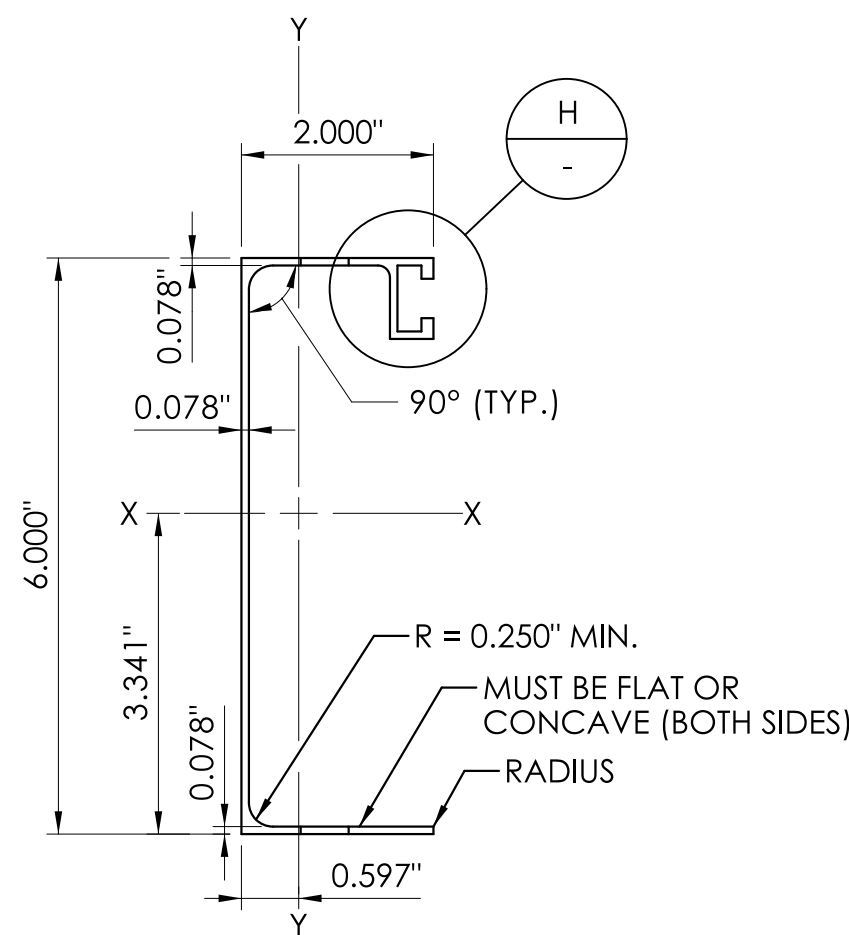
PLAN



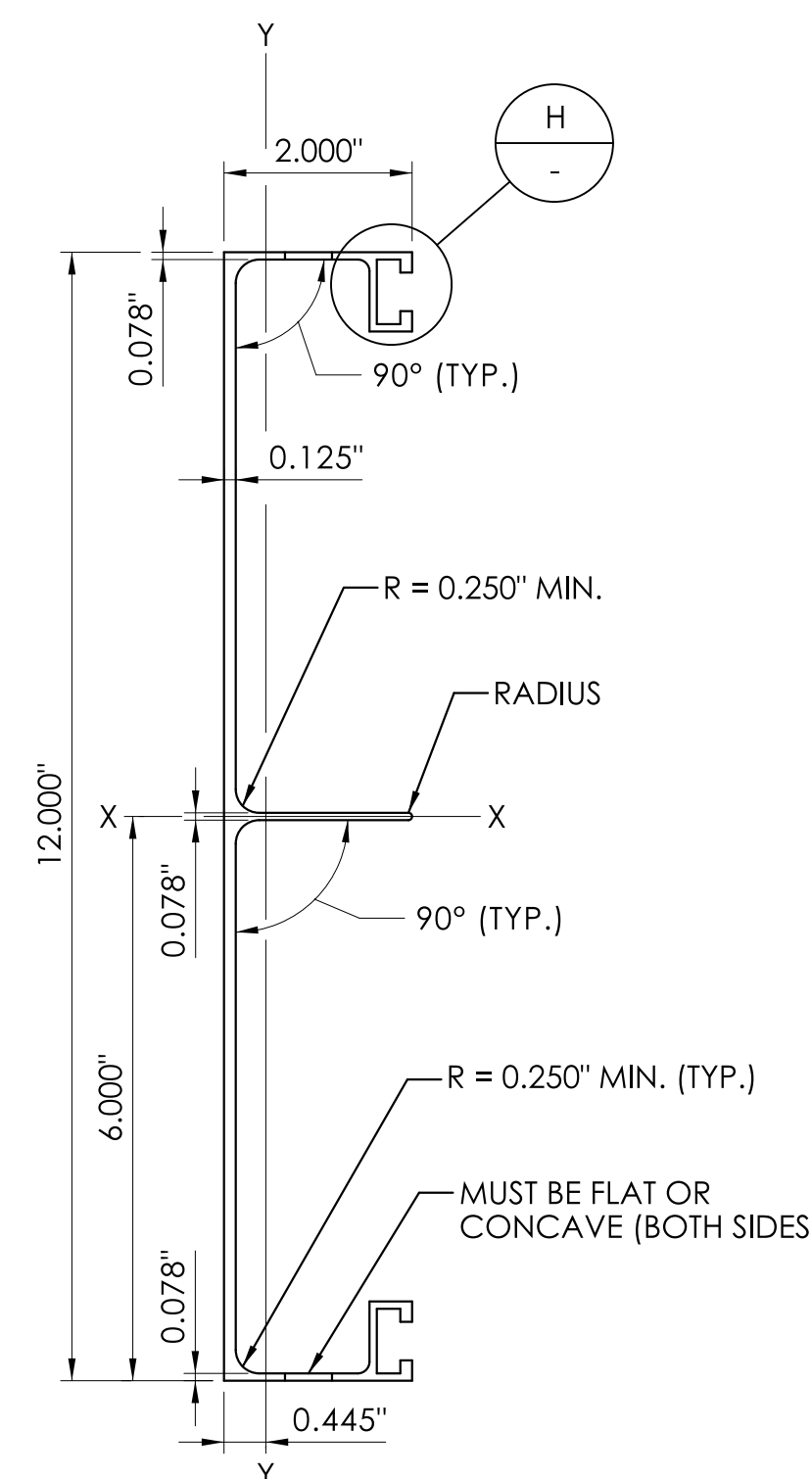
ELEVATION



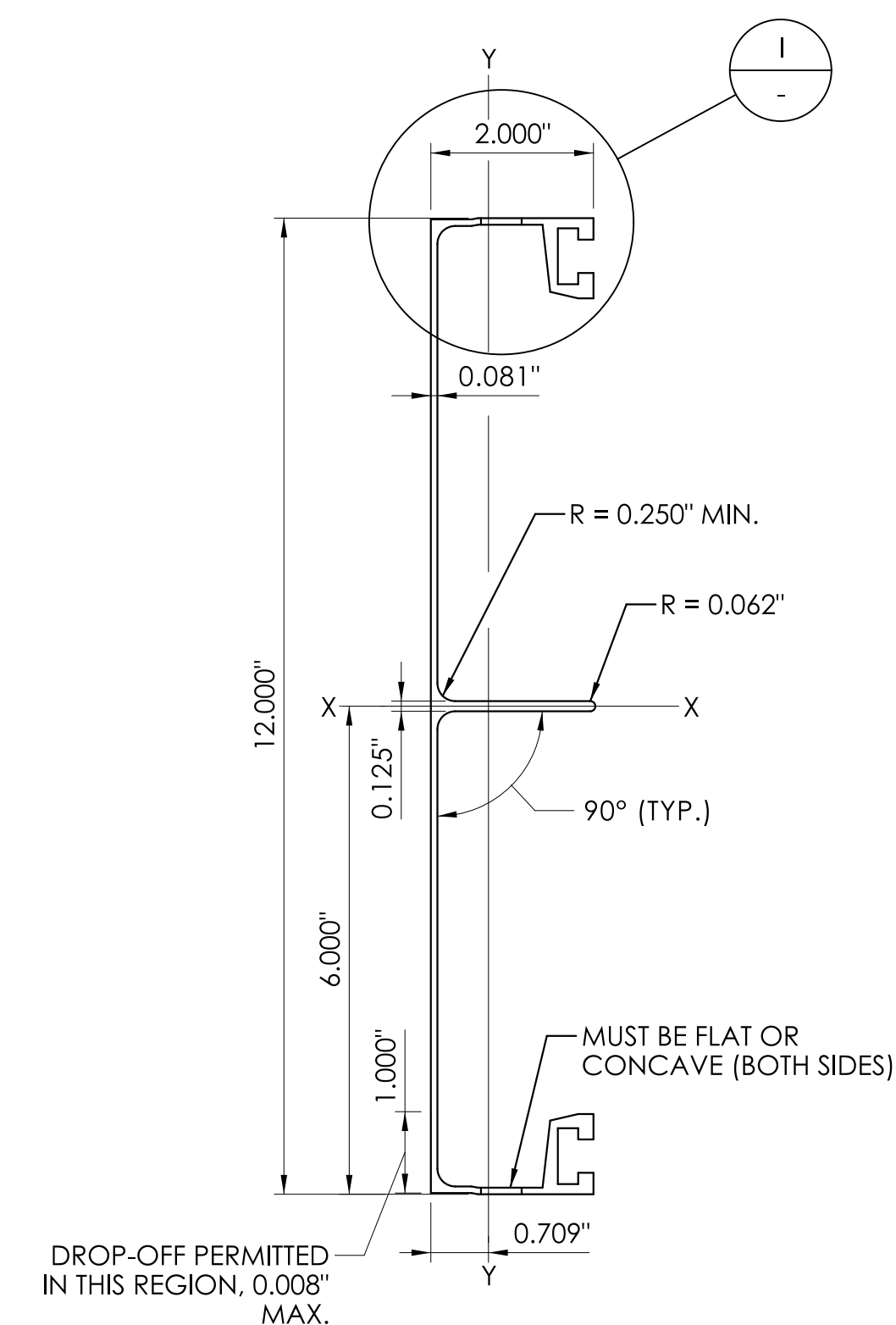
SCALE: Full Size 1 = 1



6\"/>



ALTERNATE A



ALTERNATE B

12\"/>

NOTES:

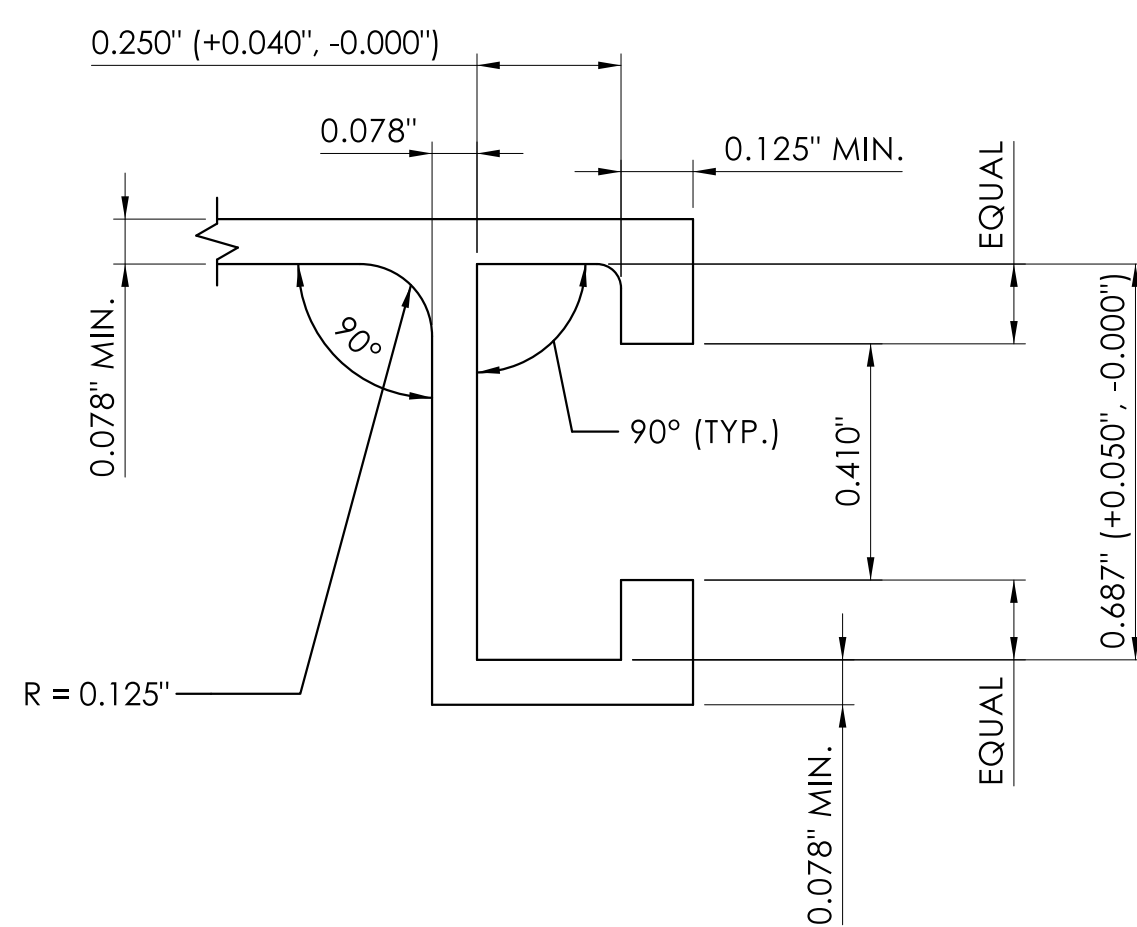
THE EXTRUDED PANELS SHALL CONFORM TO THE REQUIREMENTS ASTM B221, ALLOY 6063-T6 AND THE FOLLOWING SECTION PROPERTIES:

SECTION	AREA OF SECTION (in ²)	WT. / FT. (LBS. / FT.)	I _{x-x} (in ⁴)	I _{y-y} (in ⁴)
6\"/>	0.933	1.130	5.023	0.473
12\"/>	2.237	2.720	36.284	0.941
12\"/>	2.091	2.540	38.947	1.183

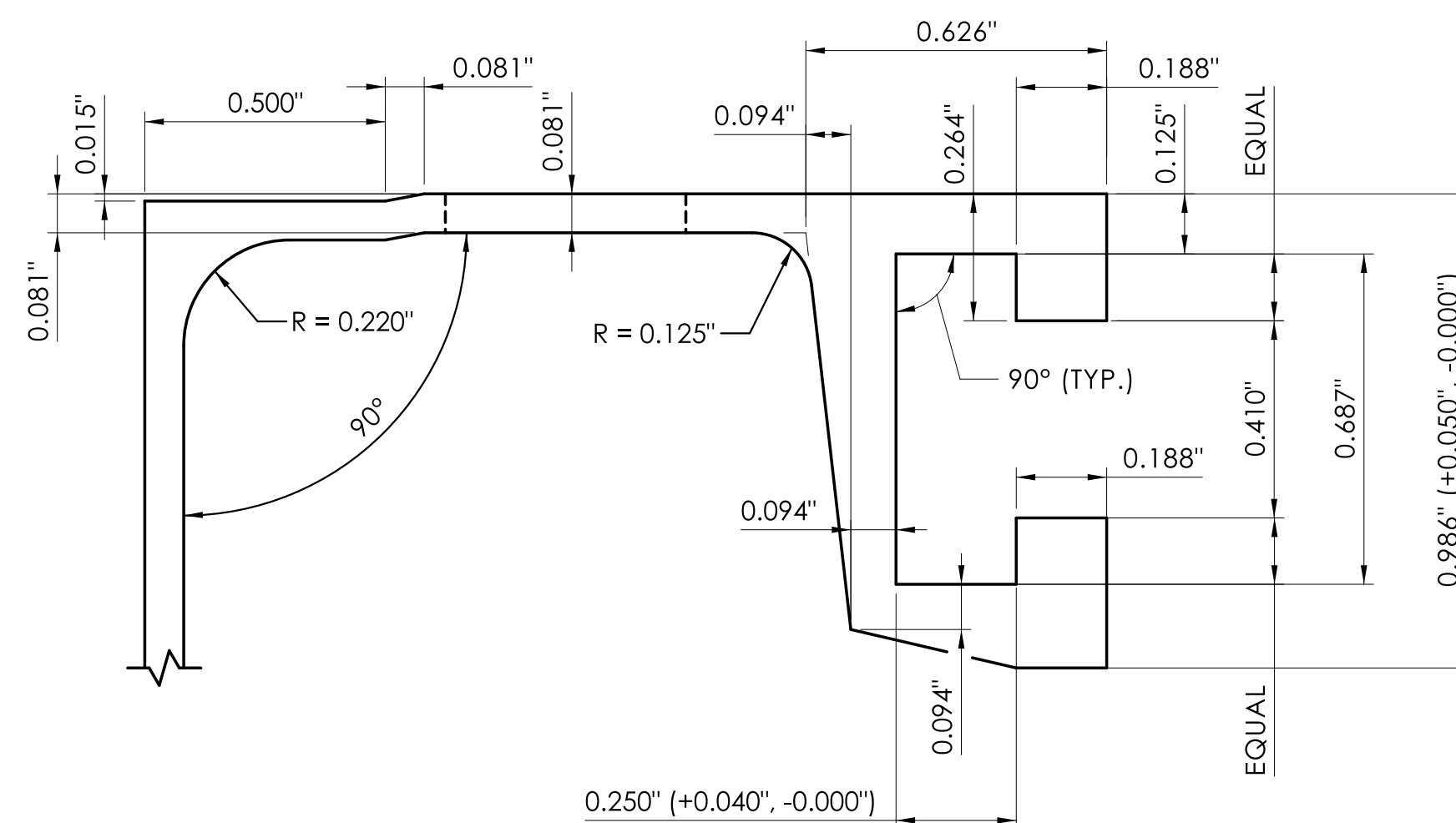
THE PANEL BOLTS SHALL CONFORM TO ASTM A193, CLASS 1, GRADE B8 (TYPE 304). THE NUTS SHALL BE A COMPATIBLE HEX, PREVAILING TORQUE (NYLON INSERT) LOCK NUTS CONFORMING TO ASTM A194, CLASS 1, GRADE B8 (TYPE 304). THE WASHERS SHALL BE A COMPATIBLE, FLAT, CIRCULAR WASHERS CONFORMING TO ASTM A276, TYPE 304, ANNEALED.

THE POST CLIP ASSEMBLY SHALL BE COMPOSED OF A POST CLIP AND A BOLT WITH A NUT AND WASHER. THE POST CLIP SHALL CONFORM TO THE REQUIREMENTS OF ASTM B26, ALLOY 356.0-T6. THE POST BOLT SHALL BE A 3/8\"/>

THE COST OF FURNISHING AND INSTALLING THE EXTRUDED ALUMINUM SIGN AND CROWN PANELS, INCLUDING THE PANEL BOLTS AND POST CLIP ASSEMBLIES, SHALL BE PAID FOR UNDER THE APPLICABLE "SIGN FACE - EXTRUDED ALUMINUM" ITEM.



DETAIL H
SCALE: 3:1



DETAIL I
SCALE: 3:1

REV.	DATE	REVISION DESCRIPTION

DESIGNER/DRAFTER: _____ CHECKED BY: _____
 LASTED SAVED BY: _____ FILE NAME: _____
 PLOTTED DATE: 8/16/2023

SCALE AS NOTED

SIGNATURE/
BLOCK:



PROJECT NUMBER: _____
 PROJECT DESCRIPTION: _____
 TOWN(S): _____
 DRAWING TITLE: EXTRUDED ALUMINUM SIGN PANEL MANUFACTURING DETAILS

DRAWING NO.
EAS-3
SHEET NO.