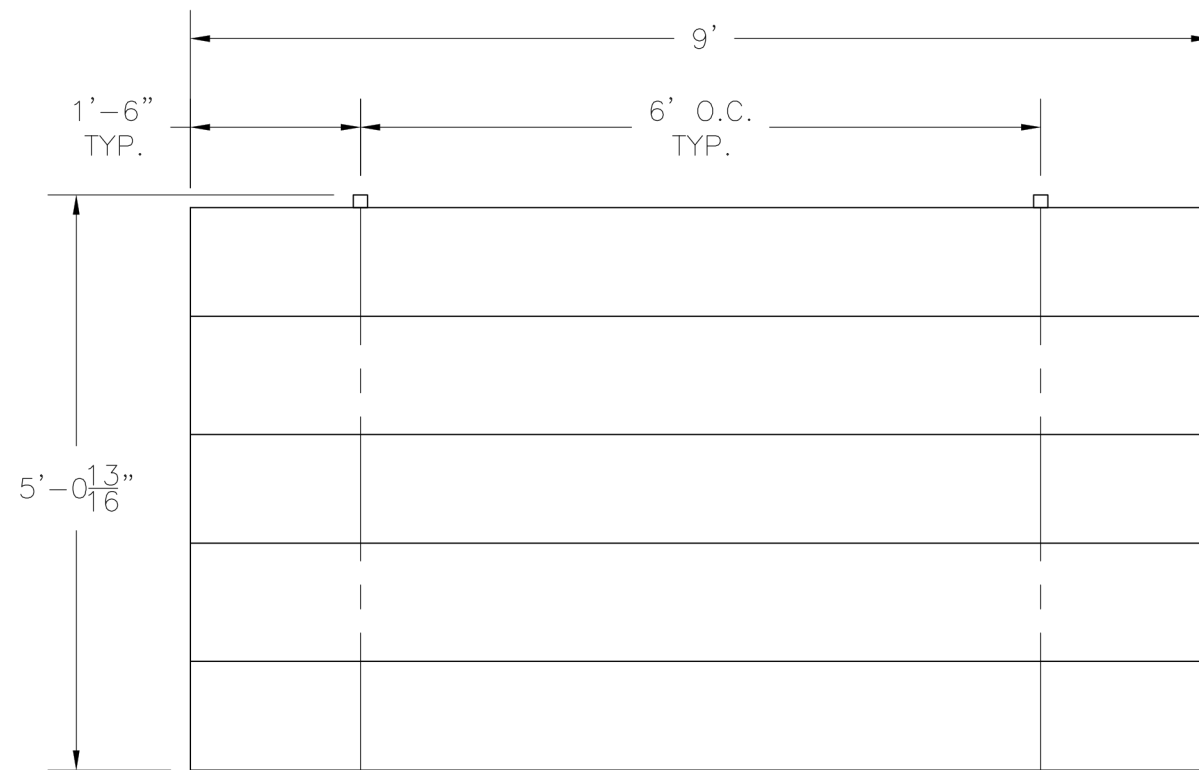


TR-0309ALRSTD

LOW-RISE TIP & ROLL ALUMINUM 3 ROW x 9'-0" BLEACHER

CS.1	– COVER SHEET
TD.1	– BLEACHER SEATING PLAN
BA.1	– BLEACHER ASSEMBLY
PF.1	– PLANK & FRAMING PLAN



SECTION	GROSS LENGTH	ACTUAL SEATS	NO. OF SEATS	ROWS	NET SEATS
	9	6.00	6.00	3	18
NET SEATS					18
WHEELCHAIR SPACES					0
TOTAL NET SEATING CAPACITY					18
(BASED ON 18" PER SEAT)					

SCALE:	N.T.S.	APPROVED BY:
DATE:	7/9/15	IMP 8/29/16
DRAWN BY: JML		
TITLE:		
3 ROW x 9'-0" TIP & ROLL BLEACHER SEATING PLAN		
BLEACHER MODEL #:		DRAWING NUMBER:
TR-0309ALRSTD		TD.1



Diagram illustrating the assembly of a Bleacher Frame. The frame consists of a vertical section and a horizontal section, both made of metal. The horizontal section is labeled "BLEACHER FRAME". The vertical section is labeled "TYP X-BRACING". The assembly is secured by a $\frac{3}{8}'' \times 1\frac{1}{4}''$ HEX HD. BOLT & FLANGE NUT, shown in two views: one view shows the bolt passing through the horizontal section and the vertical section, and the other view shows the bolt passing through the horizontal section and the vertical section, with the nut attached to the end of the bolt.

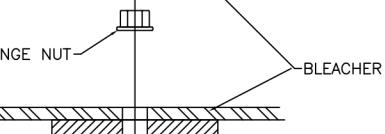
NOT TO SCALE

5/16 CARRIAGE BOLT

TYP. HOLD DOWN CLIP

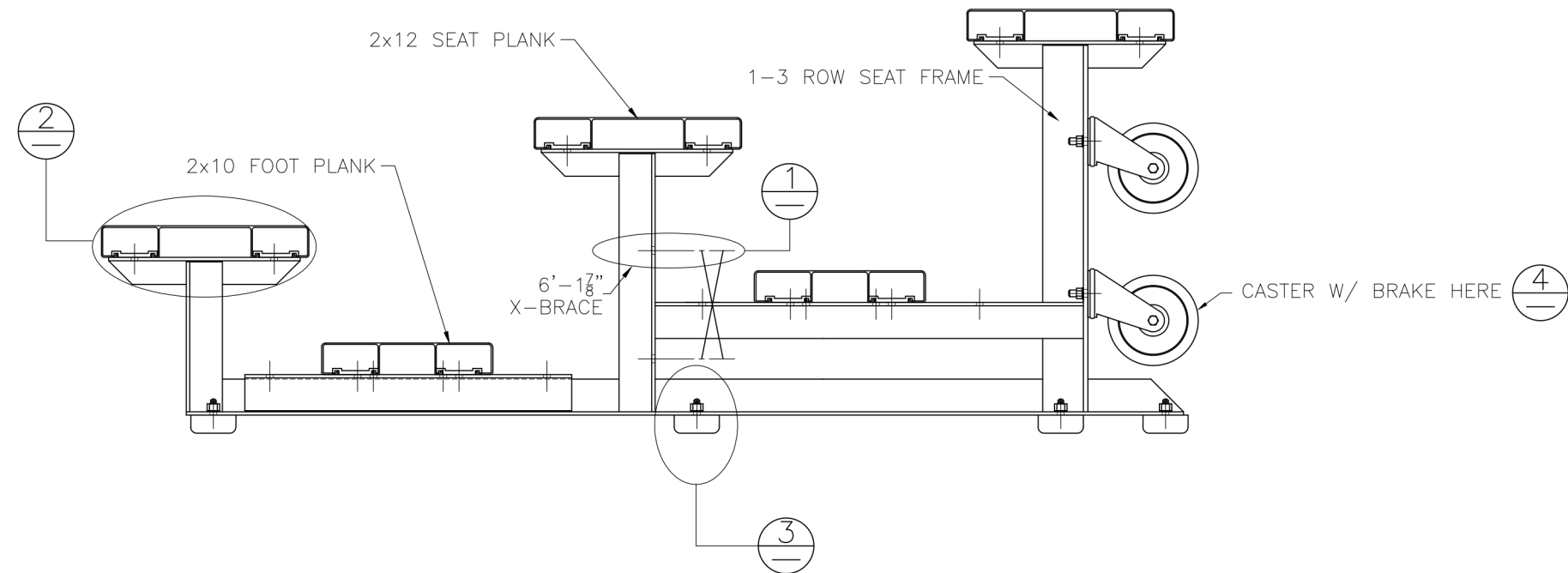
FLANGE NUT

NOT TO SCALE



A cross-sectional diagram of a bleacher frame assembly. A horizontal line at the top represents the ground surface. A vertical rod passes through this surface. At the top of the rod, above the ground, is a flange nut. Below the ground surface, the rod passes through a hatched rectangular area representing the bleacher frame. At the bottom of the rod, within the frame, is a flat washer. Below the frame, the rod passes through a U-shaped component labeled 'RUBBER FOOT PAD'. At the very bottom of the rod is a round head machine screw. Labels with leader lines point to the following components: FLANGE NUT, BLEACHER FRAME, FLAT WASHER, RUBBER FOOT PAD, and 5/16" x 1/4" ROUND HEAD MACHINE SCREW.

Diagram illustrating the attachment of a bleacher rear vertical to a 5 inch swivel caster using a 3/8 inch flange nut.



WARNING

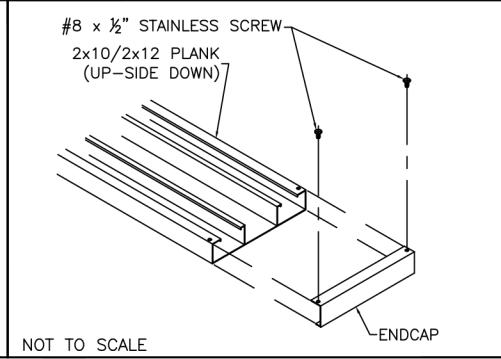
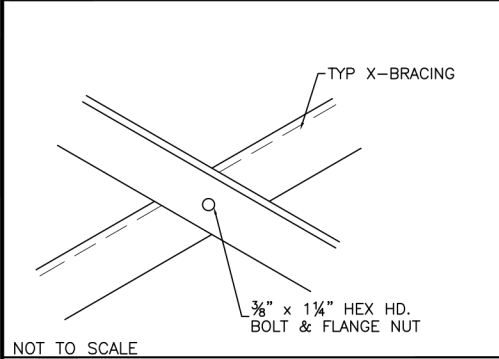
TIP N' ROLL BLEACHERS ARE SUITABLE FOR INDOOR OR OUTDOOR USE. HOWEVER, THEY SHOULD ONLY BE TIPPED UP ON THE CASTERS INDOORS, DUE TO POTENTIAL WIND HAZARDS IF TIPPED UP OUTDOORS. THESE LIGHT-WEIGHT UNITS ARE EASILY TIPPED UP BY ANY ABLE-BODIED ADULT.

NOTE: MOUNT CASTERS TO END FRAMES ONLY.

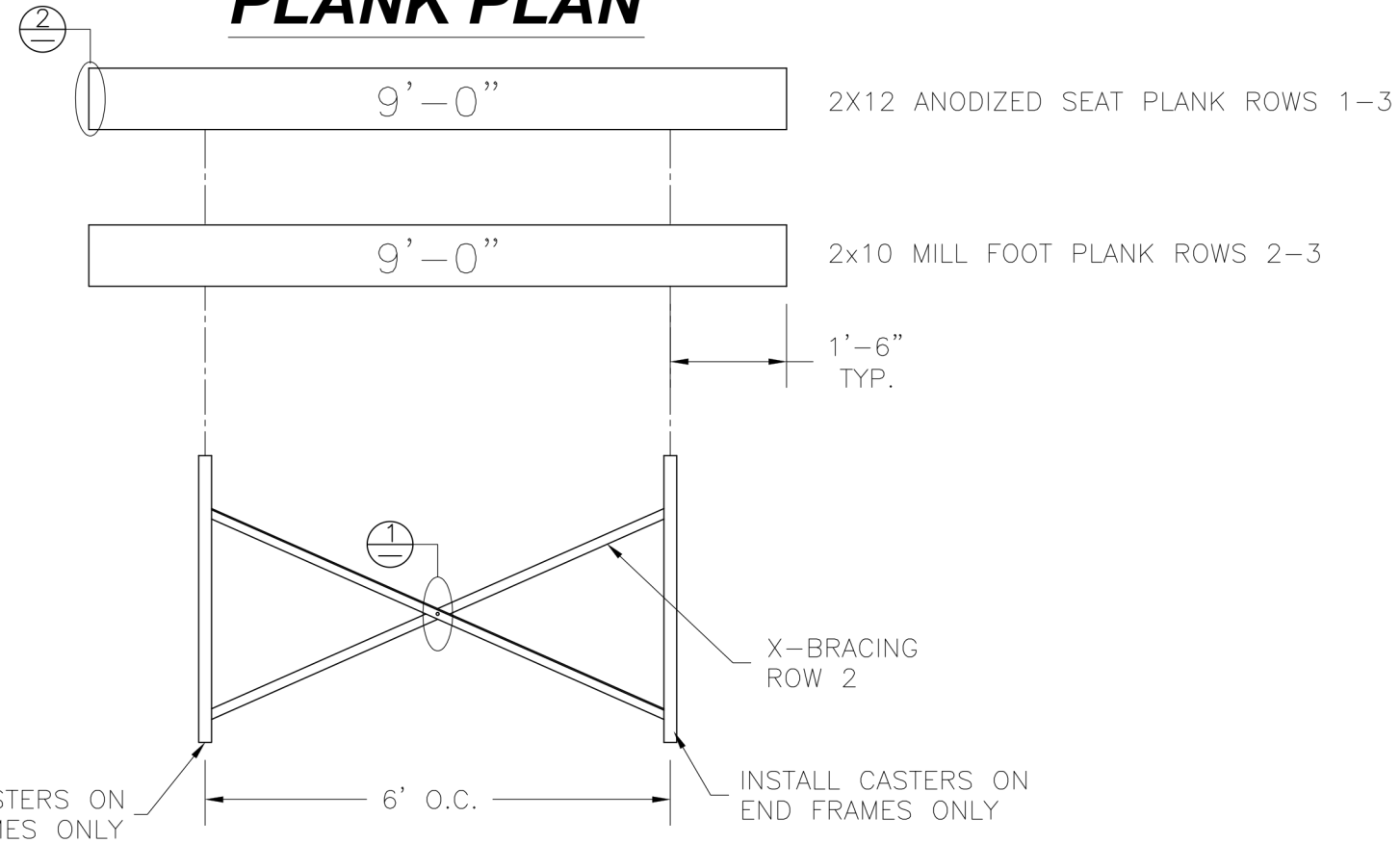
SCALE: N.T.S.	APPROVED BY: IMP 8/29/16	DRAWN BY: JML
DATE: 7/9/15		
TITLE: 3 ROW TIP & ROLL BLEACHER ASSEMBLY		
BLEACHER MODEL #: TR-0309ALRSTD		DRAWING NUMBER: BA.

⊖ TYP X-BRACE CONN. W/ 1 1/4" BOLT

⊖ TYP 2x10/2x12 ENDCAP ATTACH.



PLANK PLAN



FRAMING PLAN

SCALE: N.T.S.	APPROVED BY:	DRAWN BY:
DATE: 7/9/15	IMP 8/29/16	JML
TITLE:		
3 ROW x 9'-0" TIP & ROLL PLANK & FRAMING PLAN		
BLEACHER MODEL #:		DRAWING NUMBER:
TR-0309ALRSTD		PF.1