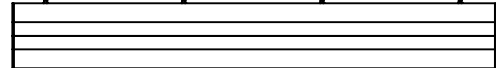
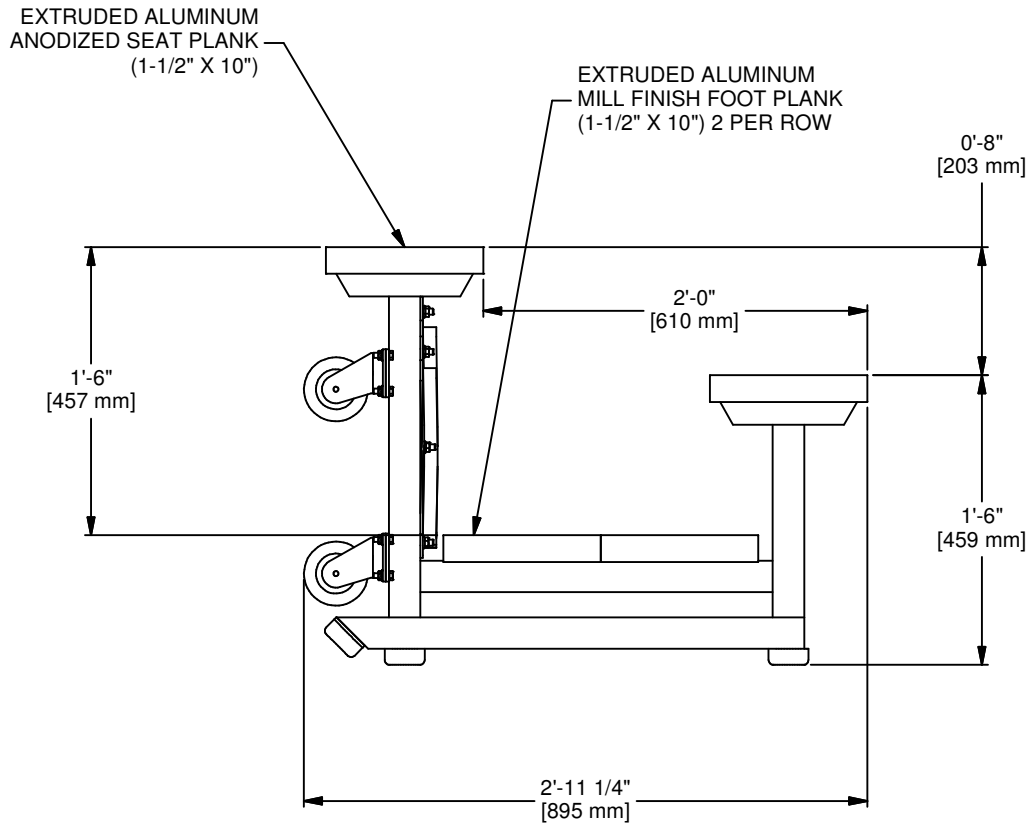


**TIP & ROLL ALUMINUM BLEACHER 2 ROW WITH DOUBLE FOOT PLANKS FOR  
7'-6", 15', 21', AND 27' LENGTH**

GENERAL SPECIFICATIONS				METRIC SPECIFICATIONS	
PART NUMBER	BLEACHER LENGTH	SEATING CAPACITY	WEIGHT (Lbs)	BLEACHER LENGTH	WEIGHT (Lbs)
TRB0208DF	7'-6"	10	86	2286 mm	39 kg
TRB0215DF	15'-0"	20	160	4572 mm	73 kg
TRB0221DF	21'-0"	28	223	6401 mm	101 kg
TRB0227DF	27'-0"	36	285	8230 mm	129 kg



**TOP VIEW**



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**TIP & ROLL BLEACHER 2 ROW**

DRAWN	CONNERLEY	DATE	11/13/2013	DATE ISSUED	11/13/2013
APPROVED	CONNERLEY	DATE	11/13/2013		
FILE LOC. Q:\Inventor Files\Specification Files					
SIZE	SCALE	SHT. NO.	PART NO.	REV	
A		1 OF 2	TRB02XXDF	A	



**Gared Holdings, LLC**  
9200 E. 146th St. Noblesville, IN 46060

A	JJC	06/12/14
REV	BY	DATE

## Bleacher Specifications: 2 row Spectator <sup>tm</sup> Series

### TRB "DF" MODEL –Tip-N-Roll

#### SECTION 13125

##### Part 1- General Requirements

- 1.1 Description
  - A. Design and Build of Angle Frame Bleachers
- 1.2 Quality Assurance
  - A. Manufacturer: Gared Holdings, LLC , 9200 E. 146<sup>th</sup> St., Noblesville, In 46060
  - B. Qualifications: Manufacturer shall have a minimum of ten years of experience in the design and manufacture of angle frame bleachers
  - C. Welders and Procedures to be AWS certified
  - D. Codes and standards: International Building Code & ICC 300-2012
- 1.3 Warranty
  - A. Warranty shall include defects in materials and workmanship under normal use and does not apply to work that has been damaged by abuse or natural disaster. Warranty period shall be for a period of 1 Year and begin on date material is received by owner or subcontractors date of completion

##### Part 2- Products

- 2.1 Design
  - A. Design loads to be in accordance with International Building Code (IBC) & ICC 300-2012 edition
    - 1) Live Load- Structure uniform 100 psf, Seat and Foot Plank- 120 plf
    - 2) Sway Load- Perpendicular to seats – 10 plf, Parallel to seats – 24 plf
  - B. Design loads to be in accordance with International Building Code (IBC) & ICC 300-2012 (Section 303, Structural Design)
  - C. Frames: Welded aluminum angle (2"x 2" x 3/16") spaced at 6'0" (max) intervals and joined by aluminum angle braces
  - D. Seats: (1) nominal 2" x 10" anodized aluminum
  - E. Treads: (2) nominal 2" x 10" mill finish aluminum on all rows
  - F. Rise/Run dimensions: 8" vertical rise/ 24" horizontal run per row, **Row 1 seat height 18 " above grade**
- 2.2 Materials and Finishes
  - A. Frames: Aluminum angle 6061-T6 or mechanical equivalent
  - B. Braces: Aluminum Angle 6061-T6 or mechanical equivalent
  - C. Seats: Aluminum alloy 6063-T6 clear anodized 204R1, AA-M10C22A31 , wall thickness of .078
  - D. Treads: Aluminum alloy 6063-T6 mill finish, wall thickness of .078
  - E. Casters: 4" Non-Marring swivel
  - F. Foot pads: Non-Marring white rubber
  - G. Hardware: Nuts and bolts to be zinc plated
  - H. Accessories: End caps, anodized aluminum 6063-T6 anodized, Mounting clips & splices to be mill aluminum 6061-T6

##### Part 3- Execution

- 3.1 Installation
  - A. Install product in accordance with manufacturer installation instructions and drawings
  - B. Design is based on Manufacturer's interpretation of International Building Code, local codes may vary and result in additional requirements , It is the owner's responsibility to verify local code compliance
  - C. Owner shall be responsible to verify site location and provide level foundation or ground that is adequate to support bleacher loads, no provisions have been included (unless noted) for anchoring of bleacher to prevent wind overturning