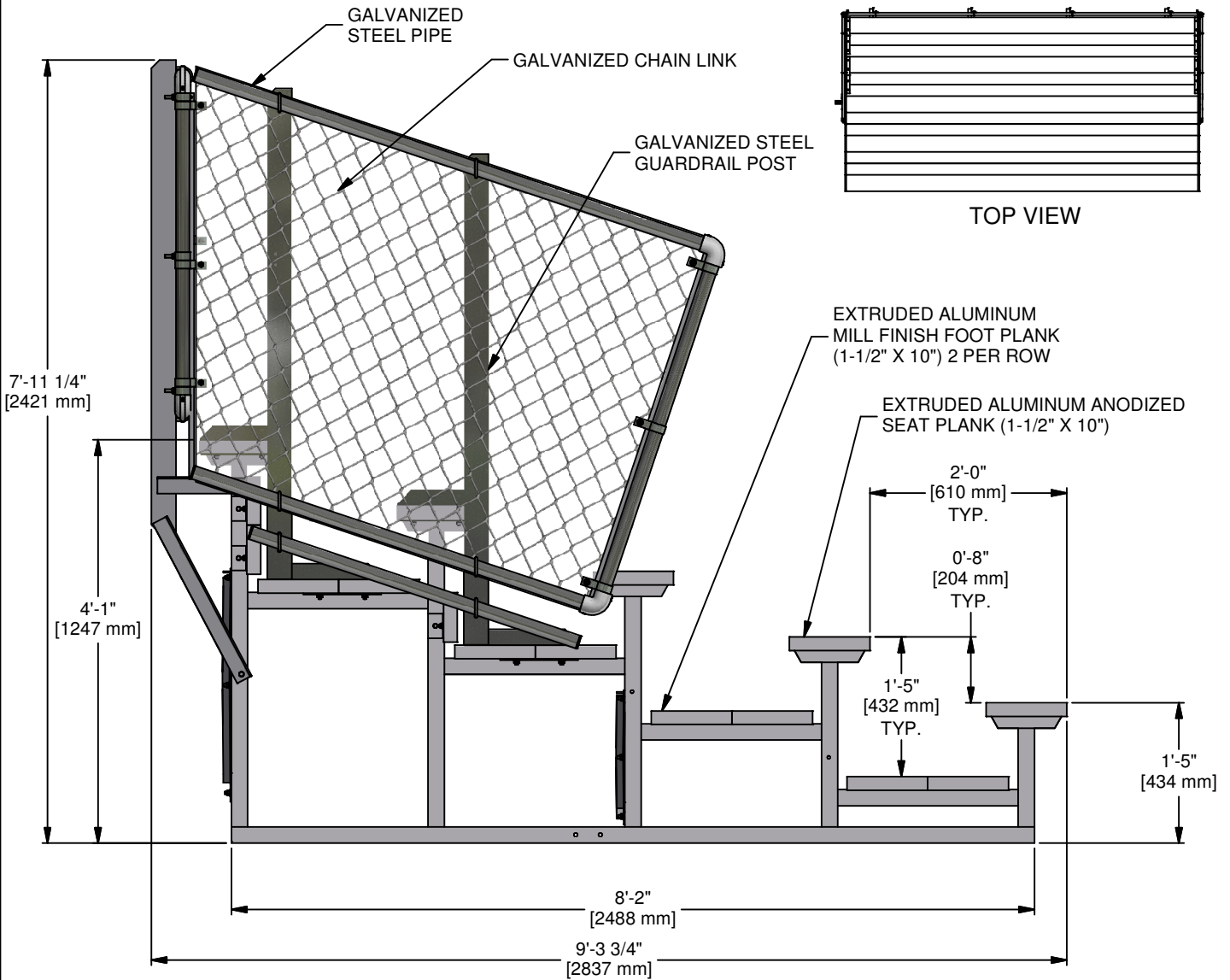


**FIXED ALUMINUM BLEACHER 5 ROW WITH SINGLE FOOT PLANK FOR
15', 18', 21', 24', 27', AND 30' LENGTH**

GENERAL SPECIFICATIONS				METRIC SPECIFICATIONS	
PART NUMBER	BLEACHER LENGTH	SEATING CAPACITY	WEIGHT (Lbs)	BLEACHER LENGTH	WEIGHT (Lbs)
GSNB0515DF	15'-0"	50	834	4572 mm	378 kg
GSNB0518DF	18'-0"	60	1001	5486 mm	454 kg
GSNB0521DF	21'-0"	70	1075	6401 mm	488 kg
GSNB0524DF	24'-0"	80	1254	7315 mm	569 kg
GSNB0527DF	27'-0"	90	1322	8230 mm	600 kg
GSNB0530DF	30'-0"	100	1495	9144 mm	678 kg



A	JJC	06/09/14
REV	BY	DATE



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

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ALUMINUM BLEACHER, 5 ROWS

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 A	SCALE	SHT. NO. 1 OF 2	PART NO. GSNB05XXDF	REV A
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Bleacher Specifications: 5 row Spectator tm Series

GSNB "DF" MODEL -Non-elevated angle frame w/Double Foot Plank & chain link guardrail

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. 146th 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
 - 3) Guardrail - Uniform Load 50 plf in any direction at the top, Concentrated Load 200 lbs in any direction
- 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. Risers: (1) nominal 6", on row 4 & (2) on row 5
- G. Rise/Run dimensions: 8" vertical rise/ 24" horizontal run per row, 17 " seat height above respective tread
- H. Guardrail: Rails to be on rear and sides and shall be 42" above seat and consist of 1.66 od pipe, attached to upright supports with u bolts, and 9 gauge galvanized chain link fence secured by aluminum wire ties

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 and Risers: Aluminum alloy 6063-T6 mill finish, wall thickness of .078
- E. Guardrail: Rear and Side supports -Steel Angle with hot dipped galvanized finish, ASTM A-123 specifications
- F. Guardrail Pipe: -1.66 OD steel ASTM A570 Grade A w/ Flo-Coat Gator shield galvanized finish to meet ASTM B117
- G. Guardrail Fence: 2" x 9 gauge galvanized knuckle to knuckle fabric, galvanized tension bars, aluminum wire ties
- H. Hardware: Nuts and bolts to be galvanized
- I. 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