



<p>TOLERANCE .X = ±.030 .XX = ±.010 .XXX = ±.005 FRACTIONAL = ± 1/32 UNLESS OTHERWISE NOTED</p>		<p>BSN SPORTS 1901 Diplomat Drive Farmers Branch, Texas 75234</p>	
REV	DATE	DRAWN	Z. OSORIO
		CHECKED	
		APPROVED	
		<p>TITLE 3-ROW FRAME PREFERRED</p>	
REF:		SCALE:	NUMBER
		NTS	ZTR3F

12/15

BLEACHER SPECIFICATIONS

PRODUCT DESCRIPTION / MATERIALS / FINISHES

1) UNDERSTRUCTURE -

Constructed of prefabricated aluminum angle. Understructure frames are spaced at 6' intervals and joined together by aluminum angle cross bracing. Material used is aluminum alloy 6061-T6 mill finish.

Material sizes used are -

- A** - 2" x 2.5" x .25" thickness Aluminum Angle
 - B** - 1.5" x 2" x .25" thickness Aluminum Angle
 - C** - 2" x 2" x .187" thickness Aluminum Angle
 - D** - 1.5" x 2" x .187" thickness Aluminum Angle
 - E** - 1" x 1.5" x .187" thickness Aluminum Angle
 - F** - 2.5" x 1.5" x .250" thickness Aluminum Angle
 - G** - 3.0" x .170" thickness Aluminum Channel
- Source of Quality Control - Mill Test Certification.

2) SEAT PLANKS -

Constructed of nominal 2" x 10" extruded aluminum alloy 6063-T6 with a standard wall thickness of .078", standard leg height of 1.75", fluted non-skid surface. Standard finish to be clear anodized with end capped off with 2" x 10" poly end caps. Design load = 120 lbs. per lineal foot.
Source of Quality Control - Mill Test Certification.

3) FOOT PLANKS -

Constructed of nominal 2" x 10" extruded aluminum, alloy 6063-T6 with a standard wall thickness of .078", standard leg height of 1.75", fluted non-skid surface. Standard finish to be mill finish with ends capped off with 2" x 10" poly end caps. Design load = 120 lbs. per lineal foot. Double foot planks on row 4 and above.
Double foot planks on all rows available.
Source of Quality Control - Mill Test Certification.

4) RISERS -

Constructed of nominal 2" x 10" extruded aluminum, alloy 6063-T6 with standard wall thickness of .078", standard leg height of 1.75", fluted non-skid surface. Standard finish to be mill finish with ends capped off with 2" x 10" poly end caps. Risers provided on row 4 and above.
Source of Quality Control - Mill Test Certification.

5) DIAGONAL CROSS BRACING -

Constructed of 1" x 1.5" x .187" thickness aluminum angle. 6061-T6 Mill Finish
Source of Quality Control - Mill Test Certification.

6) RAILING SUPPORTS -

Constructed of pre-fabricated aluminum angle and aluminum channel. Alloy 6061-T6. Standard finish to be mill finish.
Source of Quality Control - Mill Test Certification.

7) CHAIN LINK FENCING / GUARDRAILS -

Constructed of 9 guage x 2" galvanized chainlink mesh with 1.66" diameter x .065" wall galvanized steel tubing guardrails.
Source of Quality Control - Mill Test Certification.

8) VERTICAL PICKET FENCING / GUARDRAILS -

Constructed of prefabricated aluminum panels. 6063-T52 clear anodized after fabrication.

Material sizes used -

- 1.66 diameter x .140 wall aluminum tube
- .625 x .625 x .125 wall aluminum tube

9) VERTICAL RISE -

Vertical rise between seats is 6" on 2 row, 3 row and 4 row Low Rise and 8" on 4 row Standard and 5 row.
Seats are spaced 16" above their respective Foot Plank on 2 row, 3 row and 4 row Low Rise Bleachers.
Seats are spaced 17" above their respective Foot Plank on 4 row Standard and 5 row.

10) HORIZONTAL SPACING -

Horizontal spacing between seats is 24".