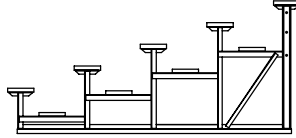


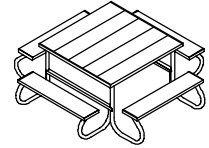


www.bleacherseating.com

American Aluminum Seating, Inc.



P.O. Box 1468
3111 S. 8th St.
Marshalltown, Iowa 50158
PH# (641) 753-3764
FAX# (641) 753-5366



ARCHITECTURAL SPECIFICATIONS

ALL ALUMINUM BLEACHERS - HEAVY DUTY

SECTION 13125

PART 1 - GENERAL

1.1 - SYSTEM DESCRIPTION

A. Design and fabrication of continuous angle frame bleacher units.

1.2 - QUALITY ASSURANCE

A. Manufacturer:

AMERICAN ALUMINUM SEATING, INC.
PO BOX 1468
MARSHALLTOWN, IA. 50158
PH. (641) 753-3764
FAX(641) 753-5366
E-MAIL - sales@bleacherseating.com

B. Manufacturer Qualifications: Manufacturer must have a minimum of **10** years of experience in the design and manufacture of bleacher and bleacher systems. Welders shall be AWS certified.

C. Source Quality Control: Mill Test Certification.

D. The owner will supply the manufacturer with all state, local, and ADA codes and regulations.

1.3 - SUPERIOR PRODUCT FEATURES

- **ALL WELDS ARE COMPLETELY SEALED WELD JOINTS.**
- **LAST ROW ON ALL FRAMES ARE 3" STRUCTURAL ALUMINUM CHANNELS.**
- **ALL STRUCTURAL PARTS ARE ACID CLEANED FOR OUTSTANDING APPEARANCE.**
- **SERRATED FLANGE HARDWARE IS USED TO PREVENT LOOSENING.**
- **TWO LINE RAIL SYSTEM WITH ALUMINUMIZED 9 GA. CHAIN LINK FENCE.**

1.4 - WARRANTY

AMERICAN ALUMINUM SEATING warrants its bleacher products to be free from defects in materials and workmanship for a period of five (5) years beginning with the date the product is completed at the job site. Product installation can be performed by factory trained personnel or by the customer personnel following the detailed assembly instructions of the manufacturer. This warranty excludes all other defects resulting from abnormal use or abuse, accidental damage or any occurrences beyond the manufacturers control.

PART 2 - PRODUCTS

2.01 - ACCEPTABLE MANUFACTURER

A. American Aluminum Seating, Inc.

2.2 - STANDARD BLEACHERS

A. Product Description. Standard design parameters below. Custom design always available.

1. Vertical Rise Per Row - 8 Inches. (Options available)
2. Horizontal Depth Per Row - 24 Inches. (Options available)
3. Seat Height - 17 to 17 1/2 Inches above its respective tread or walking surface.
4. Framework - Welded angle frames located at a maximum distance of 6 feet and connected by angle cross braces.
5. Seats - Nominal 2 x 10 anodized aluminum (4)-leg plank. (9.5 x 1.50 x .102) (Options available)
6. Treads - Nominal 2 x 10 mill finish (4)-leg plank. (9.5 x 1.50 x .102) (Options available)
7. Semi-closed and closed decks available.
8. End Caps - Anodized aluminum channel caps.
9. Risers - 8 Inch (Options available)
10. Joint Sleeve Assemblies - Required on some larger continuous bleacher units to align planks.
11. Steps - Custom designed welded frames using 2 x 12 mill finish plank.
12. Security Guard rail Systems - Two-line rail system which incorporates the use of chain link fence (aluminized) for maximum safety.
13. ADA accommodations and exit ramps as required.
14. Elevated walkways from 30" and up in 6" increments.

B. Materials and Finishes.

1. Framework - Aluminum Alloy 6061-t6 structural materials with mill finish. Last row vertical member is heavy aluminum channel for added strength. All welding is seal welded to eliminate moisture infiltration.
2. Extruded aluminum - Planks are aluminum alloy 6063t6. Seats are anodized 204R1.
3. Joint sleeves - Aluminum alloy 6063t6.
4. End Caps - Aluminum alloy 6063t6 and anodized.
5. Hold-down Clips - 4-Way adjustable aluminum alloy 6063t6
6. Hardware - Cadmium or zinc plated, grade 5 or better. Serrated locking flange nuts.
7. Guardrail Pipe - 1.900 o.d. anodized.
8. Fence Fabric - 9 Ga. Wire, Aluminized finish after galvanizing.

C. Design Loads. Normal design loads. Exceeded in all cases.

1. Live Load - 100 PSF gross horizontal projection.
2. Lateral Sway Load - 24 PLF seat plank.
3. Perpendicular Sway Load - 10 PLF seat plank.
4. Wind Load - 30 PSF vertical projection.
5. Live Load of seat and foot plank - 120 PLF.
6. Guardrail system - 100 PLF vertical and horizontal load.

D. Certified structural designs sealed by a licensed structural engineer are required.

PART - EXECUTION

3.1 - INSTALLATION

1. Owner shall use factory trained installer.
2. Owner shall install the bleacher unit in accordance with the manufacturer's detailed installation procedures.
3. Factory trained site supervision available for an additional fee for complex projects.

NOTE: All dimensions regarding riser per row, tread depth, seat and footboard width may be changed to suit individual project requirements. Contact our sales department for complete individualized project specifications.