



SEATING LAYOUT
10 ROW X 45'-0"
30" ELEVATED
PORTABLE BLEACHER
OPTIONS AVAILABLE

- Aisles with midrails
- Handicapped ramps and seats
- Press boxes
- Front walkways
- Exit steps
- Custom design

SEATING LAYOUT OPTIONS

Continuous Angle Frame Bleachers (Gross seats based on 18" per seat)

Length	5 Row	10 Rows	15 Rows	20 Rows
15'	50	100	150	200
21'	70	140	210	280
27'	90	180	270	360
33'	110	220	330	440
39'	130	260	390	520
45'	150	300	450	600
51'	170	340	510	680
57'	190	380	570	760
63'	210	420	630	840
69'	230	460	690	920
75'	250	500	750	1000
81'	270	540	810	1080
87'	290	580	870	1160
93'	310	620	930	1240
99'	330	660	990	1320
105'	350	700	1050	1400
111'	370	740	1110	1480
117'	390	780	1170	1560
123'	410	820	1230	1640
129'	430	860	1290	1720
135'	450	900	1350	1800
141'	470	940	1410	1880
147'	490	980	1470	1960
153'	510	1020	1530	2040
159'	530	1060	1590	2120
165'	550	1100	1650	2200
171'	570	1140	1710	2280
177'	590	1180	1770	2360
183'	610	1220	1830	2440
189'	630	1260	1890	2520
195'	650	1300	1950	2600
201'	670	1340	2010	2680

- M. Steps: Frames with 2 by 12 mill aluminum plank.
- N. Transport Kit: Painted steel tube tow bar with tongue. Wheel sets with 5.30 x 12 tires. (optional for 3 and 5 row units)
- O. Entry Stairs: Provide entry stairs for elevated bleachers in accordance with UBC 1994.
- P. Aisle Width: 48 inches in accordance with UBC 1994, unless greater width specified by local code requirements.
- Q. Mudsills: 2 inch by 8 inch treated lumber, drilled for field bolting.
- R. Press Box: Independently support and connect to rear of bleacher the press box structure. (Contact Sturdisteel for complete press box specifications.)
- S. Handicap Provision: Incorporate ramps and wheelchair spaces within bleacher system in accordance with local code requirements and ADA.

- D. Chainlink: 9 gauge galvanized steel, Knockle-Knockle.
- E. Accessories:
 1. Steel Bolts and Nuts: ASTM A307, galvanized or cadmium plated.
 2. Hold-Down Clip Assembly: Aluminum alloy 6063-T6.
 3. Channel End Caps: Aluminum alloy 6063-T6, clear anodized 204R1, AA-M10C22A31, Class II.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install angle frame bleachers complete in accordance with manufacturer's written instructions and approved shop drawings. (Optional installation provided by manufacturer's trained crews.)

NOTE: Building Codes vary from each site. It is the customers responsibility to verify local code requirements. Adjustments to meet LOCAL code requirements may require additional features.

Gross vs. Net Seating: Above chart is based on Gross Seating Capacity. Net Seating Capacity will vary due to code requirements.

2.03 MATERIALS

- A. Framework:
 1. Galvanized Steel: ASTM A36. Hot-dipped galvanized after fabrication in accordance with ASTM A123.
 2. Aluminum: Aluminum alloy 6061-T6, mill finish.
- B. Extruded Aluminum:
 1. Seat Planks and Riser Planks: Extruded aluminum alloy 6063-T6, clear anodized 204R1, AA-M10C22A31, Class II.
 2. Tread Planks: Extruded aluminum alloy 6063-T6, mill finish.
- C. Guardrail: Aluminum clear anodized pipe, 1.66 inches O.D.