# ASSEMBLY INSTRUCTIONS 3 ROW AP BLEACHER × 17ft.



Best Seats in the House.

W.H. Reynolds (Cambridge) Ltd.

#### **REQUIRED ITEMS:**

- (4) HDG 3 Row Bleacher Frames per
- (4) 2" × 6" × 58" Recycled Plastic Skid Sleepers
- (2) HDG Cross Brace Sets @75" (center bolts attatched)
- (2) Double 2" × 10" × 17'0" Mill Finished Foot Planks
- (3) 2" × 10" × 17' 0" Anodized Seat Planks
- (1) Riser 2" × 10" × 17'0" Mill Finished Riser Board (underneath last row)
- (1) Riser 1" × 6" × 17'0" Mill Finished (under row #2)

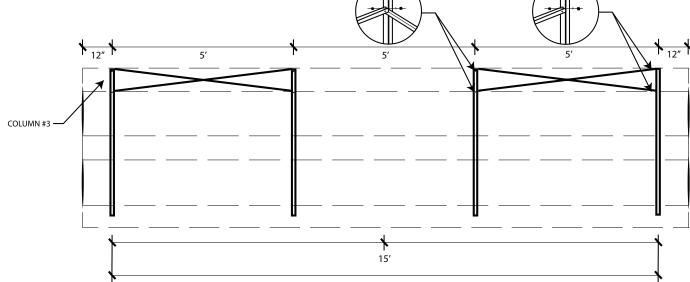
#### HARDWARE:

#2

- (8) 3/8" × 1-1/2" Hex head Gr. #5 Bolts, Nuts and L/W (to fasten (2) cross brace to the HDG frame assembly)
- (68) Bolt clip sets (Aluminum bolt clip, HDG carriage bolt, HDG Nut) (to fasten (3) seat boards, (2) double footboards to frame assembly and (2) riser boards to frame assembly)

### **INSTRUCTIONS: Setting the Frames**

- The (4) bleacher frames when spaced properly will have an overall measurement of 15'.
  - Bolt the cross braces to Col #3 using the 3/8" × 1 1/2" Hex Head Bolt/Nut/Lock washers.
  - The holes for these cross braces are under the foot board elevation (one set is doubled).
  - These holes are 12 1/2" on center



ASSEMBLY TOOLS:

- 1/2" and 9/16" wrenches
- Tape measure
- Straight edge

please note the inside bay does not require cross braces

## **INSTRUCTIONS: Installing Aluminum**

#### **OPTION:**

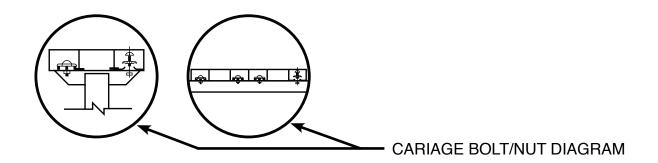
- The Anodized 2" × 10" seat boards may have been "End Capped" in factory and installed for you.
- The Mill Finished 2" × 10" foot boards and rear riser board may have been "End Capped" in factory and installed for you.
- The Mill Finished 1" × 6" row #2 riser board may have been "End Capped" in factory and installed for you.

The order to install Aluminum is below:

You should use a 5 ft. straight edge to make sure the ends of all planks are aligned and the overhang should be equal.

- 1. Measure corner to ensure frames are square and perpendicular
- 2. Install Row #3 seat board. This plank acts as a "straight edge" it aligns the (4) frames and spaces properly
- 3. Install Row #2 footboard
- 4. Install Row #1 seat board
- 5. Install Row #2 seat board and Row #3 footboard
- (1) Mill Finished Riser Board to be installed under row #3.
- (1) Normal  $1^{"} \times 6^{"}$  Riser Board to be installed under row #2 using the bolt clip assemblies (same as seats and footboards).
- Tighten the nuts to the carriage bolts with adequate torque. The bolt clip will start to deflect slightly (bend) when tightened properly.
- Please ensure to check hardware regularly to ensure nuts have not come loose

#### Please refer to drawings attached for reference



## CONTACT

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