NOTE: LEAVE ALL NUTS AND BOLTS FINGER TIGHT UNTIL NOTED OTHERWISE.

1. Match all of the braces together by length (74 1/2").

Confidential Drawing and Information

Without the Consent of Kay Industries.

Specifications Are Subject to Change

Without Notice.

is Not to be Copied or Disclosed to Others

- 2. Now place 2 matching braces flat together, line up the holes in the middle, and put (1) 1/2" x 1 1/4" hex bolt through the holes. A lock washer and nut will secure the bolt onto the brace. You will end up with 3sets 47 1/2" braces.
- 3. Place a 2"x 4" mud sill on the bottom of each frame with the overhang at the rear of the bleacher as shown in figure 1. Be sure the countersunk side of the hole is facing away from the frame. Use 3/8"x 2 1/4" carriage bolt, lock washer and
- nut. The bolt should come up from the bottom of the sill.

 THESE CAN BE TIGHTENED NOW!

 4. Stand 2 of the frames approximately 6' apart and place a set of the 74 1/2" braces on one end between the frames at the 2nd upright on the frame as shown in figure 1. Place on left side of the frame castor wheels use 1/2" flat washers, lock washers and nuts..Place (2EA) 1/2" x 1 3/4" hex bolts, lock washers & nuts through the small brace and frame holes where they meet on the right side of the rame.
- 5. As shown in the spaces of the bleacher place a tube brace on the 1st row uprights. Attach them with two ½" x 1-¼" hex bolts, lock washers, and nuts on each end of the braces. Place 1/2" x 1-1/2" hex bolts through the tube brace and frame holes where they meet.
- 6. Place another frame on the right side of the set already in place (as you face the back of the bleacher). Place a set of the 74 1/2" braces on the 2nd row upright. (You will need to remove the 2 nuts & lock washers from the two braces already in place where they meet on the frame). Use (2) 1/2" x 1 3/4" hex bolts, lock washers, & nuts to attach the braces to the

ITEM N	IO. PART NUMBER	DESCRIPTION	QTY.
11 2/4/14			+ `
I	BLATR2-SA1	2 ROW TIP AND ROLL ALUM FINAL ASSEMBLY	4
2	IBLA-SA2	1 ST ROW GALV BRACE ASSEMBLY	2
3	IBLA-7450	X Brace 74 1/2" Long	6
4	IBL2-355	2" x 4" 31.50" SYP TREAT MUD SILL	4
5	RHSSNBOLT 0.375-16x2.25x2.25-N	RHSSNBOLT 0.375-16x2.25x2.25-N	8
6	Regular FW 0.375	3/8" REGULAR FLAT WASHER	8
7	HNUT 0.3750-16-D-N	HEX NUT 3/8"-16	8
8	Regular LW 0.5	REG LOCKWASHER 1/2"	15
9	HBOLT 0.5000-13x1.25x1.25-N	HEX BOLT 1/2"-13x 1 1/4"	8
10	HNUT 0.5000-13-D-N	HEX NUT 1/2"-13	15
11	HBOLT 0.5000-13x1.5x1.5-N	HEX HEAD BOLT 1/2"-13x 1 1/2"	3
12	HBOLT 0.5000-13x1.75x1.75-N	HEX BOLT 1/2"-13x 1 3/4"	4
12	HBOLT 0.5000-13x1.75x1.75-N	HEX BOLT 1/2"-13x 1 3/4"	4

S:\CADDRWG\$\Solidworks\Bleachers\BLA\BLA Assemblies\Bleachers (17in)\

BLA2A21

REV

SIZE PART NO.

DO NOT SCALE DRAWING

SHEET 1 OF 2

MATERIAL

MFG APPR.

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COMMENTS:

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