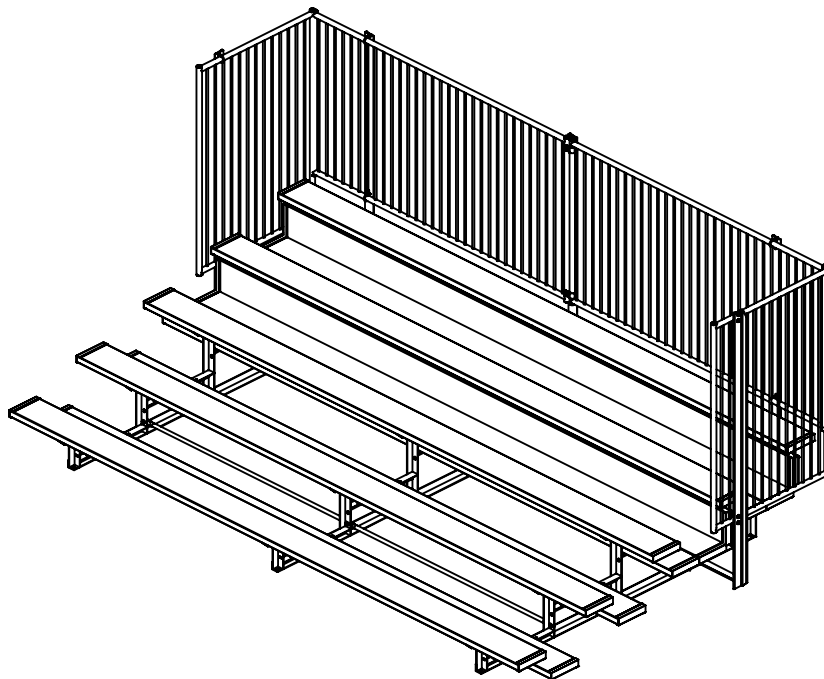


STANDARD SERIES 5-ROW 15' BLEACHER

MODEL 1171-515MESHG 5-ROW 15' STEEL WITH MESH GUARDRAIL
MODEL 1171-515MESHA 5-ROW 15' ALUMINUM WITH MESH GUARDRAIL

MODEL 1171-515VBGRG 5-ROW 15' STEEL WITH VBGR GUARDRAIL
MODEL 1171-515VBGRA 5-ROW 15' ALUMINUM WITH VBGR GUARDRAIL
(VBGR = VERTICAL BAR GUARDRAIL)

Standard Series designed for dependability and trouble-free maintenance. Featuring 6" rise from row to row with nominal 10" aluminum planks and optional 2" x 6" ground sills



SPECIFICATIONS:

Bleacher Frame are fabricated from 2" x 2" x 3/16" steel or aluminum angle. Frames are welded into a single unit. Frames may have optional 2" x 6" ground sills at every point where frames are in contact with the ground.

Standard Series Bleachers conform to the requirements of ICC 300-2012.

Seat and Foot Planks: Nominal 2" x 10" x 15' extruded, ribbed aluminum. The edges and tops of planks shall be ribbed. The ribbed pattern, non-slip surface, is designed for safety and comfort. All exposed ends shall have aluminum caps fastened to the underside of the plank. Planks secure to each frame with two friction-type aluminum mounting clips capable of securing the plank against movement under a horizontal force of 400 lbs. All hardware is provided.

Finish: All fasteners shall be zinc plated.



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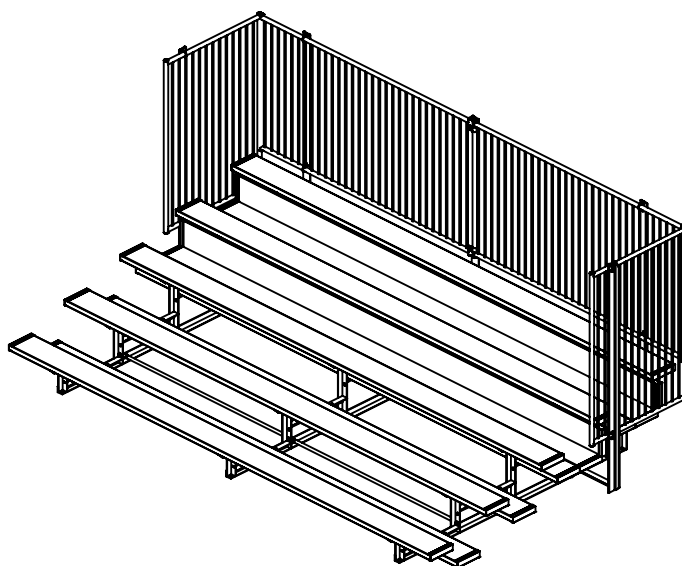
5 ROW STANDARD 15FT

MODEL NO.

1171-515

BOM PARTS & FASTENERS

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	ROW5A or ROW5G	BLEACHER 5-ROW STANDARD FRAME	3
2	CIFFRAMES-LT	LEFT F-FRAME PANEL SUPPORT	1
3	CIFFRAMER	REAR F-FRAME PANEL SUPPORT	3
4	CIFFRAMES-RT	RIGHT F-FRAME PANEL SUPPORT	1
5	CIVBGRSIDE or VCIMESH PANELSIDE	RAILING SIDE PANEL	2
6	CIVBGRREAR or VCIMESH PANELREAR	RAILING LONG REAR PANEL	2
7	CIBLB74.625	BLEACHER BRACE 74-5/8" LONG	4
8	CIBLB76.375	BLEACHER BRACE 76-3/8"	2
9	RMPLK15-10	ALUMINUM PLANK ANODIZED 10"x 180"	13
10	VCIAECP	2"x10" ALUM. END CAP	26
11	VCIACLP	BOLT CLIP FOR 10" & 12" ALUMINUM PLANK	78
12	VCIPANELCLAMP138	1-3/8" X 1-3/8" PANEL CLAMP CLAMPS - PAIR	6
13	HWCB5161	5/16-18 X 1 CARRIAGE BOLT GRADE 2 ZINC	66
14	HWCB5163	5/16-18 X 3 CARRIAGE BOLT ZINC (600)	12
15	HWCB38212	3/8-16 X 2 1/2 CARRIAGE BOLT ZINC (500)	6
16	HWUB516112	5/16 x 1-1/2 x 2-11/16 U bolt	8
17	HWFLWA516	5/16 FLAT WASHER	94
18	HWLN516	5/16 NYLOK NUT ZINC	94
19	HWFLWA38	3/8" Flat Washer	50
20	HWLN38	3/8 NYLOK NUT ZINC	30
21	HWHB38112	3/8-16 X 1 1/2 GR5 C/S ZINC HEX BOLT	24
22	HWTEX1034	#10 x 5/8 SELF TAPPING SCREW	52



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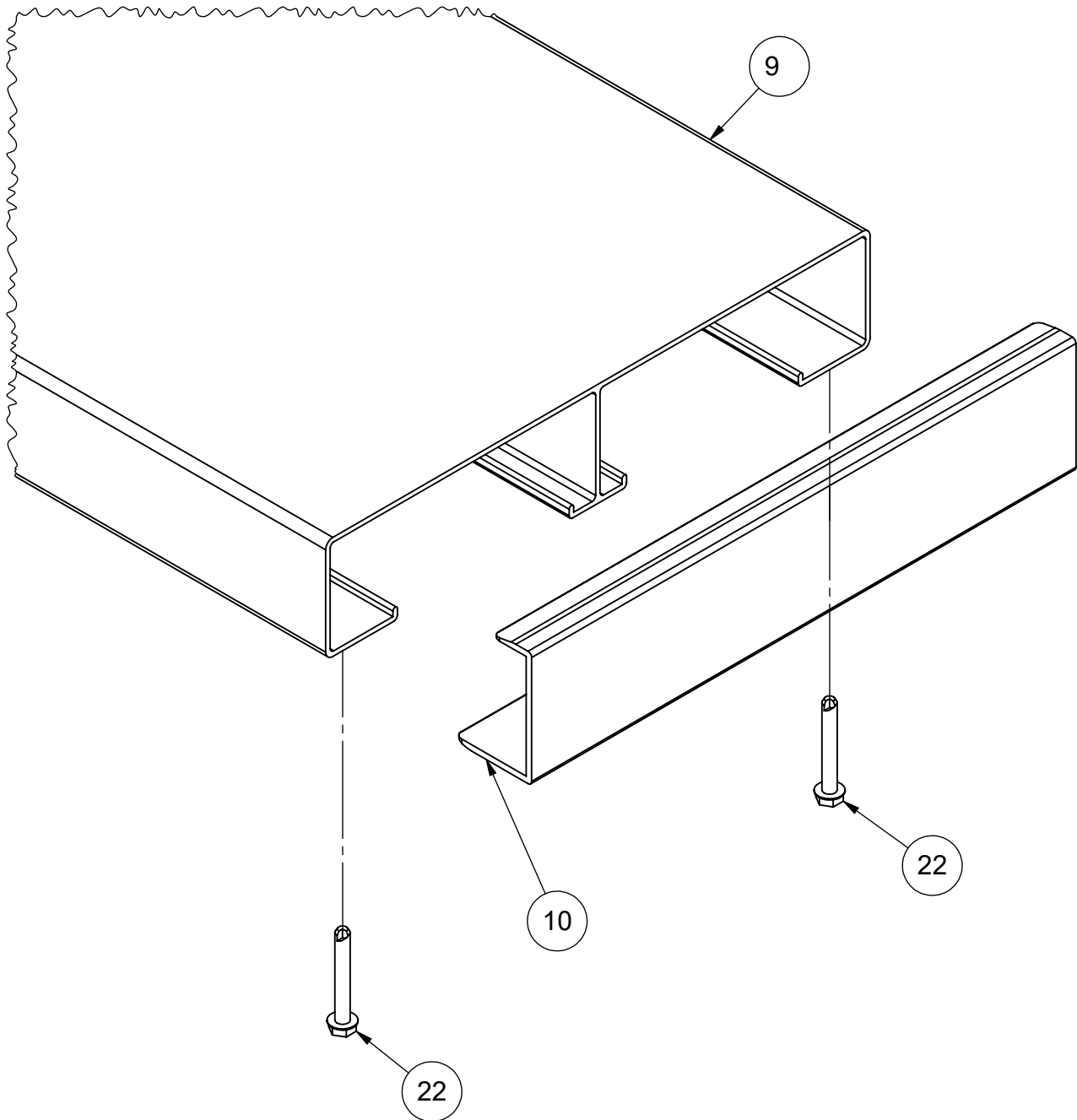
5 ROW STANDARD 15FT

MODEL NO.

1171-515

INSTALLATION INSTRUCTIONS:

- 1) Check materials received with the BOM to make sure that all components are included and to assure that the unit is complete.
- 2) Installing End Caps Item on Seat and Foot Planks: 2" x 10" end caps (10) . Align and assemble all end caps to aluminum planks. Secure using #10 x 3/4" (22) self-tapping screw in two locations on the underside of the clip/plank.



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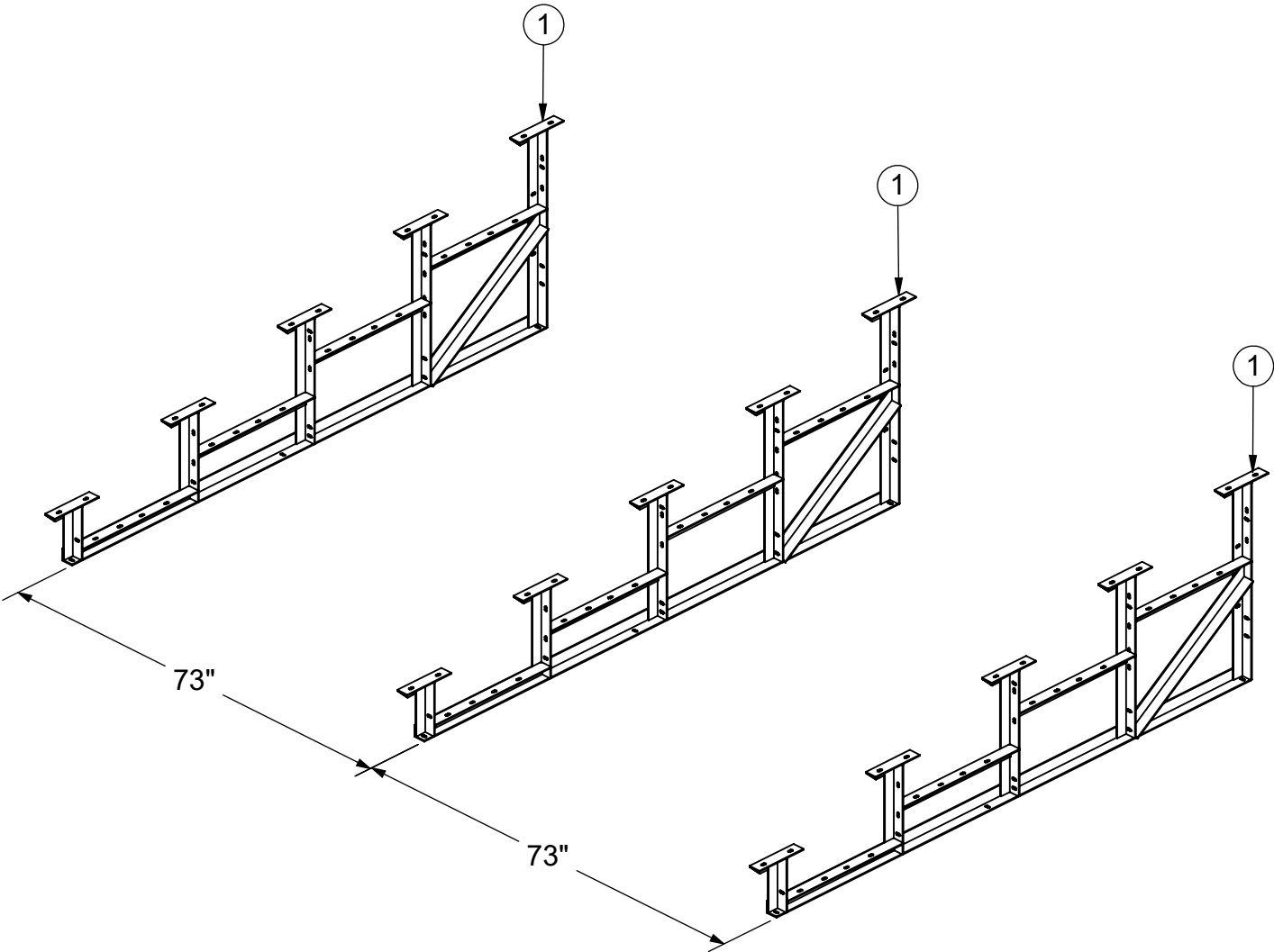
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INSTALLATION INSTRUCTIONS:

3) Locate the three Bleacher 5-Row Standard Frame Item ① and set on a level surface on 73" centers.



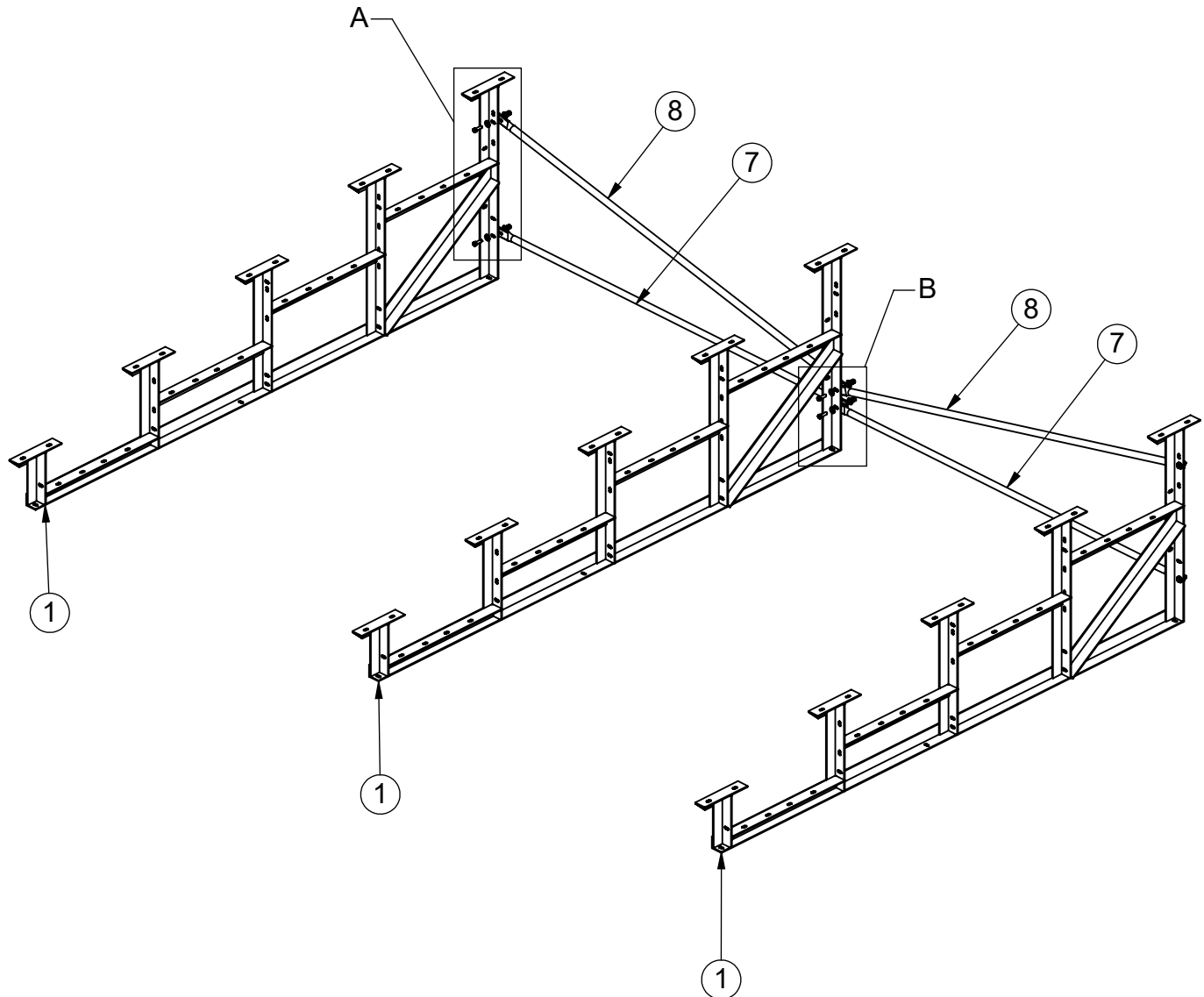
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5 ROW STANDARD 15FT
MODEL NO.
1171-515

INSTALLATION INSTRUCTIONS:

4) To Install Cross Braces: a) Locate two diagonal braces measuring 76-3/8" (8) and 4 horizontal braces measuring 74-5/8" (7). Install on the backside of the Bleacher Frames using 3/8" x 1-1/2" Hex Bolt Item (21), Washers (20), and Lock Nut (19) provided using the top and bottom slots in the frame and center of Braces as shown. Repeat steps to assemble remaining sets of cross braces to the other bleacher frames. At all installation points, install washers and nuts but leave hardware loose until assembly is complete for easy installation.

NOTE: Two washers are provided to use at every hex bolt location.



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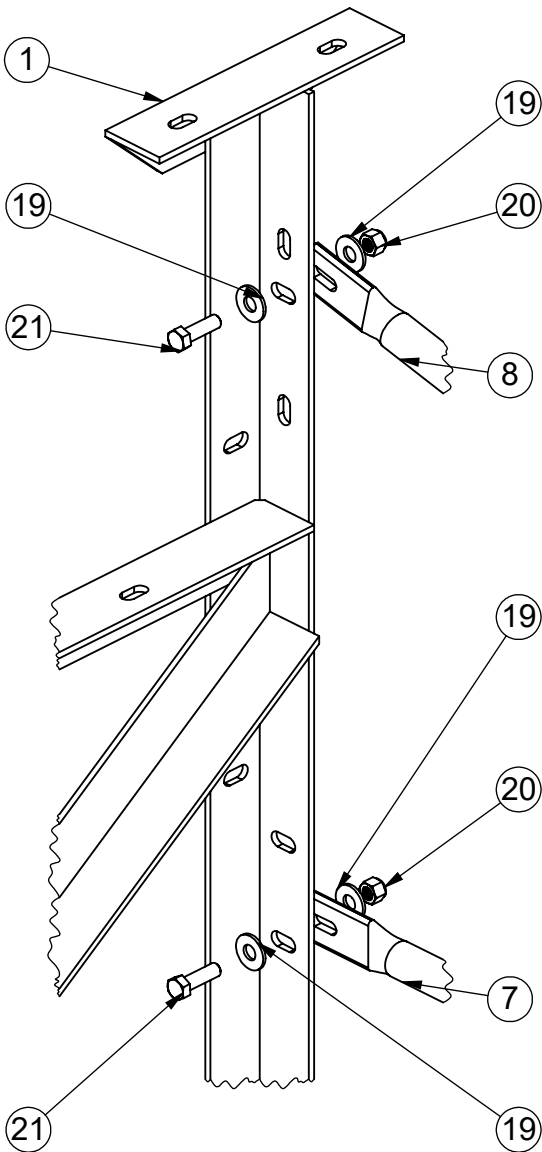
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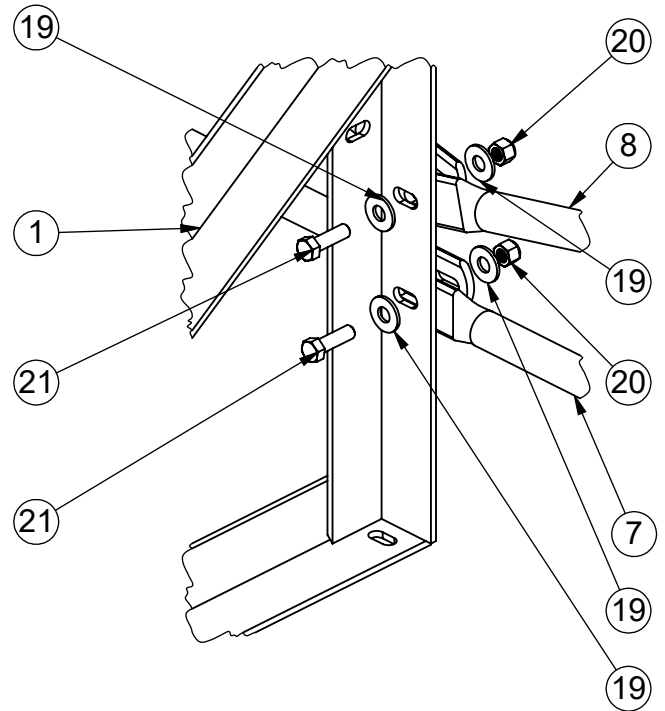
5 ROW STANDARD 15FT

MODEL NO.

1171-515



DETAIL A
ENLARGED
FROM SHEET #5
SCALE 1 : 5



DETAIL B
ENLARGED
FROM SHEET #5
SCALE 1 : 5



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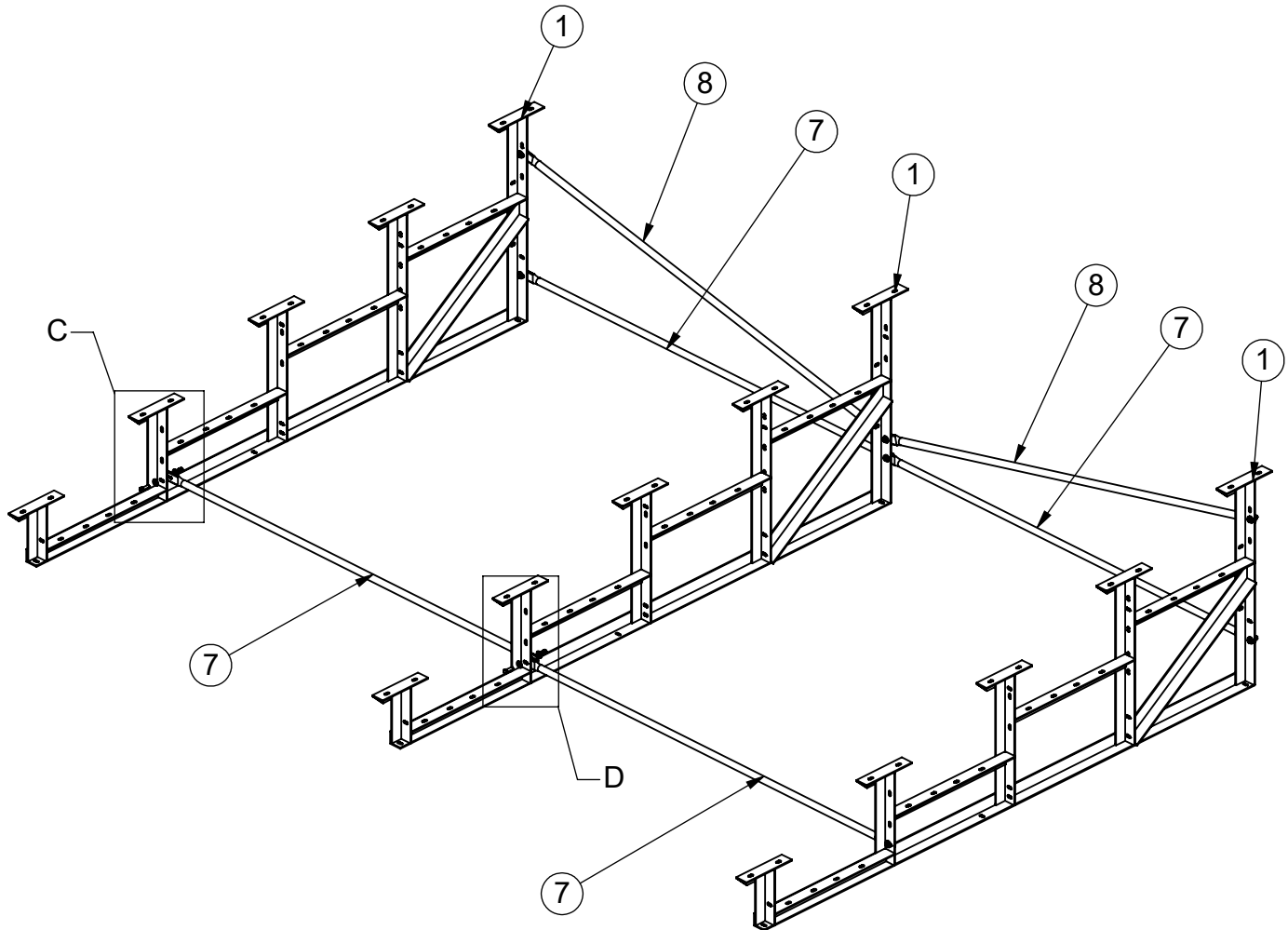
MODEL NO.

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INSTALLATION INSTRUCTIONS:

5) To Install Cross Braces: a) Locate two horizontal braces measuring 74-5/8" (7) . Install on the backside of the second row of Bleacher Frames using 3/8" x 1-1/2" Hex Bolt(21), Washers (19), and lock nut (20) for the top, bottom slots and center between Braces. Repeat steps to assemble remaining three sets of cross braces to the other bleacher frames. At all installation points, install washers and nuts but leave hardware loose until assembly is complete for easy installation.

NOTE: Two washers are provided to use at every hex bolt location.



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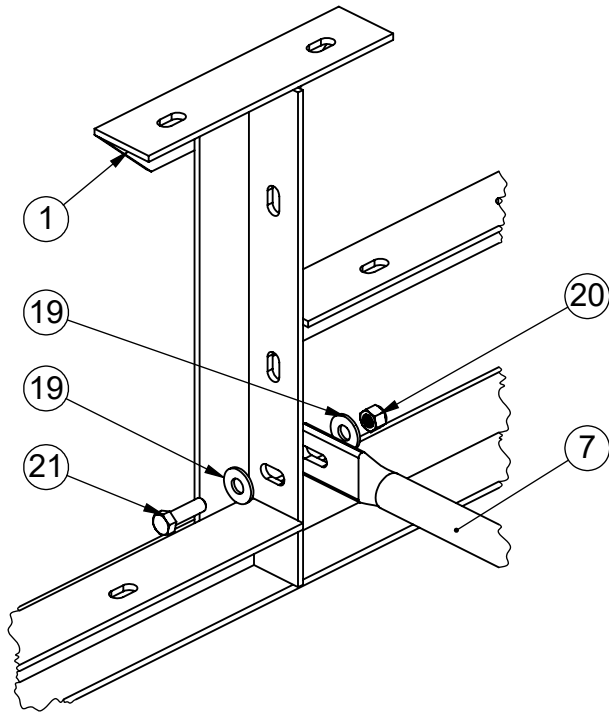
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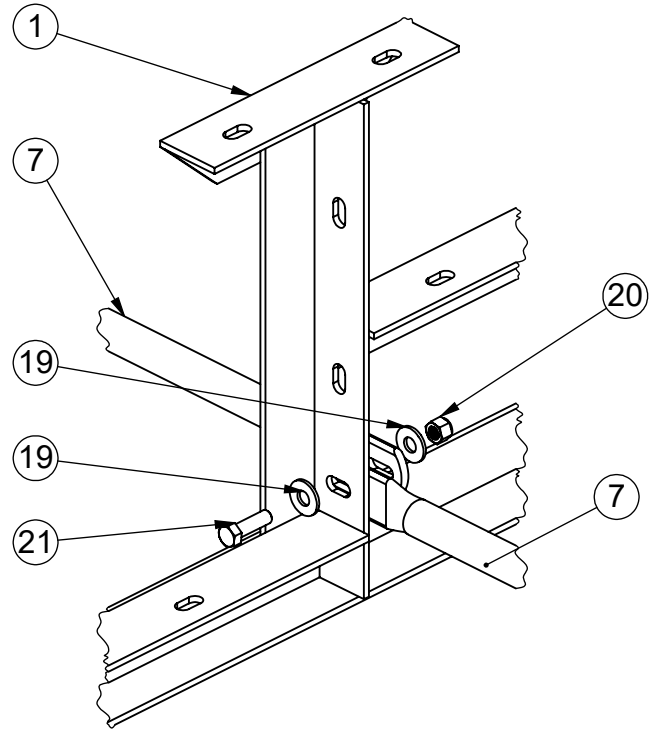
5 ROW STANDARD 15FT

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DETAIL C
ENLARGED
FROM SHEET #7
SCALE 1 : 5



DETAIL D
ENLARGED
FROM SHEET #7
SCALE 1 : 5



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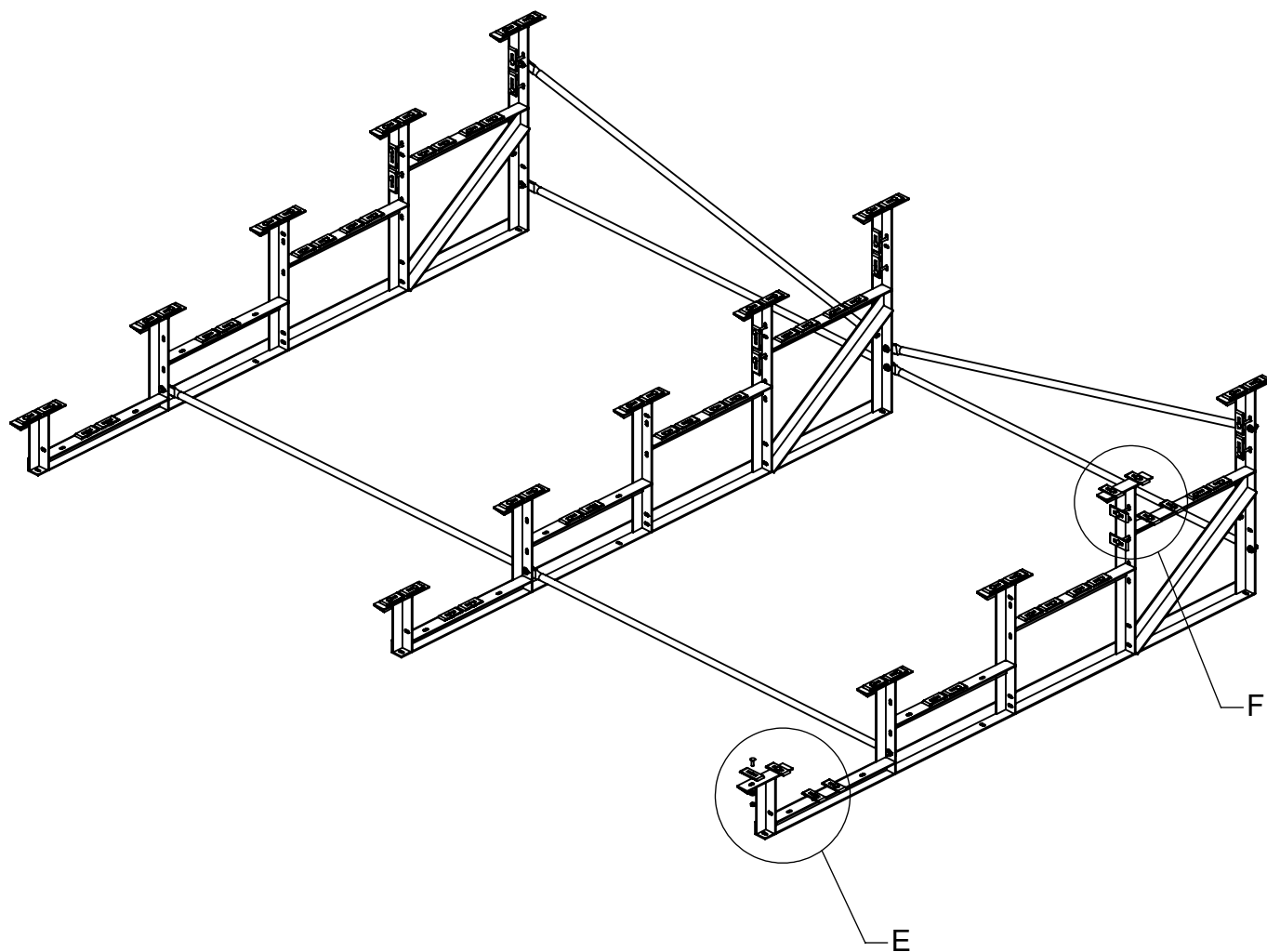
5 ROW STANDARD 15FT

MODEL NO.

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INSTALLATION INSTRUCTIONS:

6) To Install Seat and Foot Planks: a) First install the Bolt Clip For 10" & 12" Aluminum Plank Item (11) using 5/16" x 1" carriage bolts Item (13), washer Item (17), and lock nuts (18) on top of the seat and foot board supports. To install clips for riser planks using 5/16" x 3" carriage bolts Item (14), washer (17), and lock nuts (18). Give nuts about 3/4 turn (just enough to secure). Turn Bolt Clips Item (11) perpendicular to the frames.



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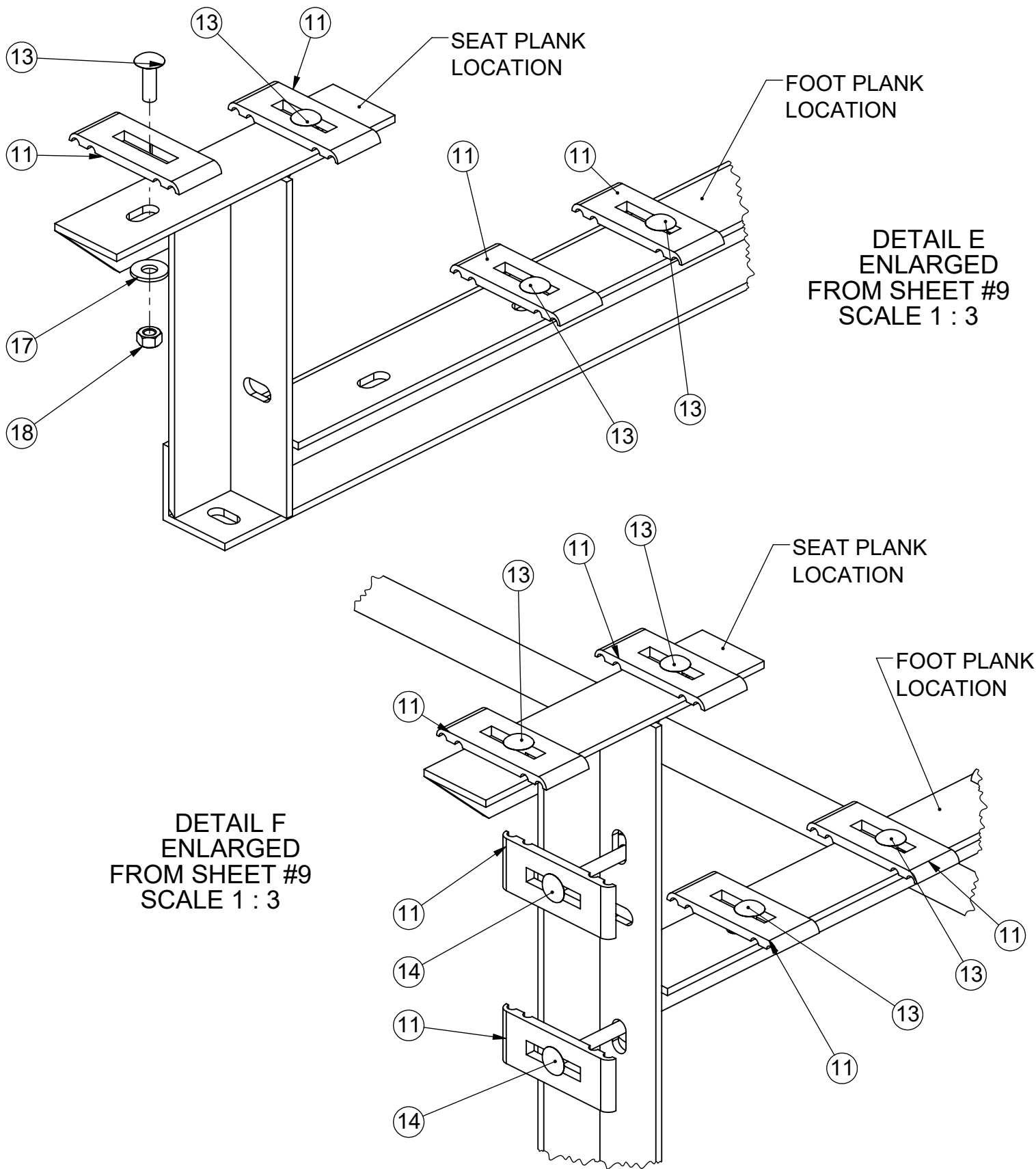
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5 ROW STANDARD 15FT

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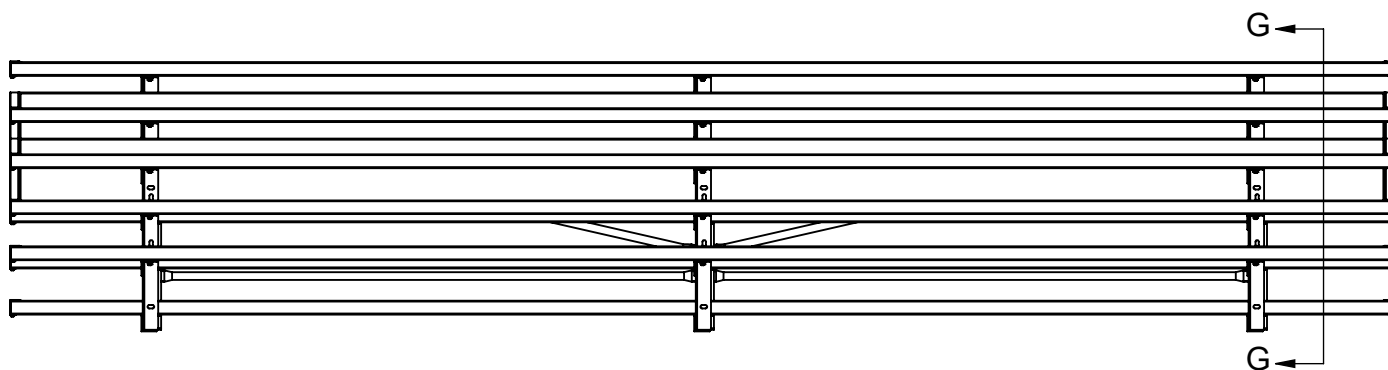
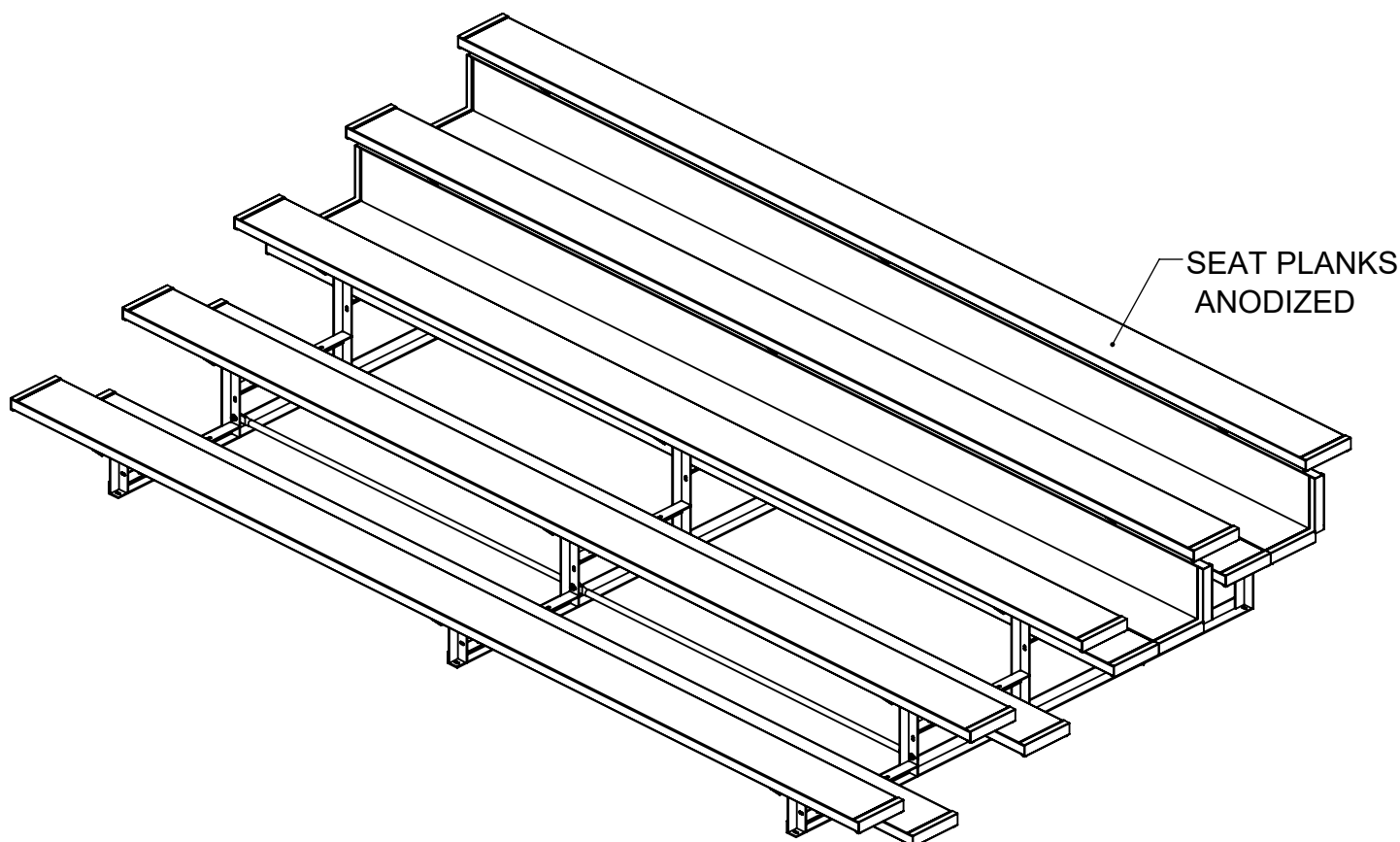
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INSTALLATION INSTRUCTIONS:

7) Position seat Planks, Foot Planks and Riser Planks on the supports so the Bolt Clips Item (11) are between the slots in the bottom of Planks. Reach up underneath the Seat Plank, Foot Plank, and Riser Plank to rotate the Bolt Clips Item (11) to 90° so they engage the planks. To Secure Planks to Frames center the planks on the frames (1). Tighten all hardware on frames and planks securely.



FRONT VIEW



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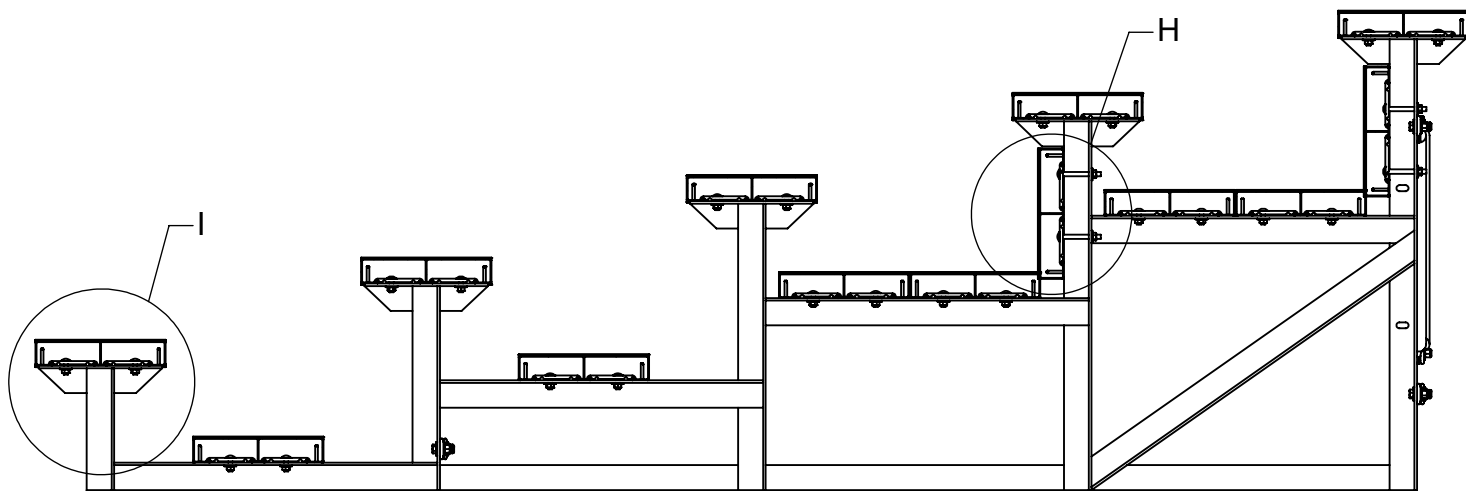
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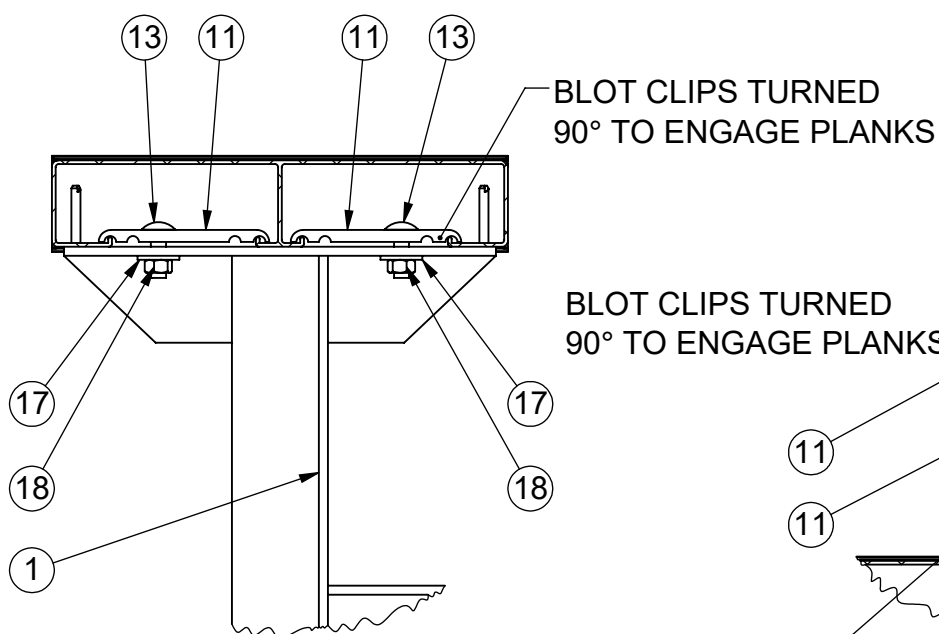
5 ROW STANDARD 15FT

MODEL NO.

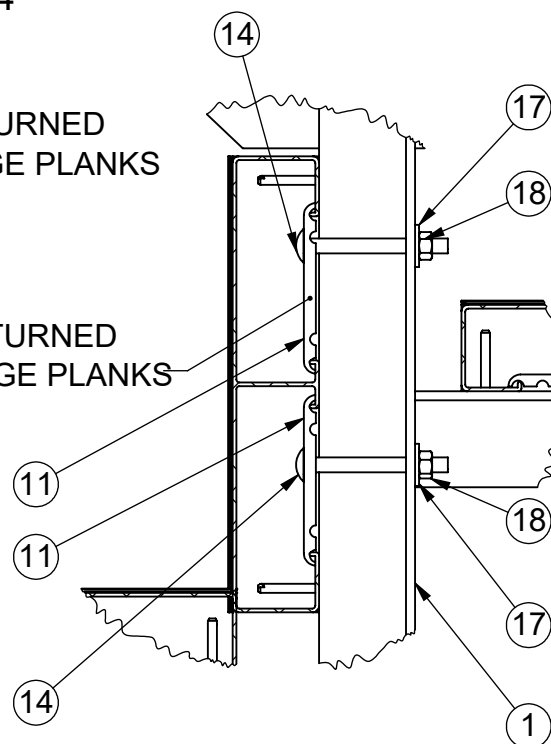
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SECTION G-G
FROM SHEET #11
SCALE 1 : 14



DETAIL I
ENLARGED
SCALE 1 : 4



DETAIL H
ENLARGED
SCALE 1 : 4



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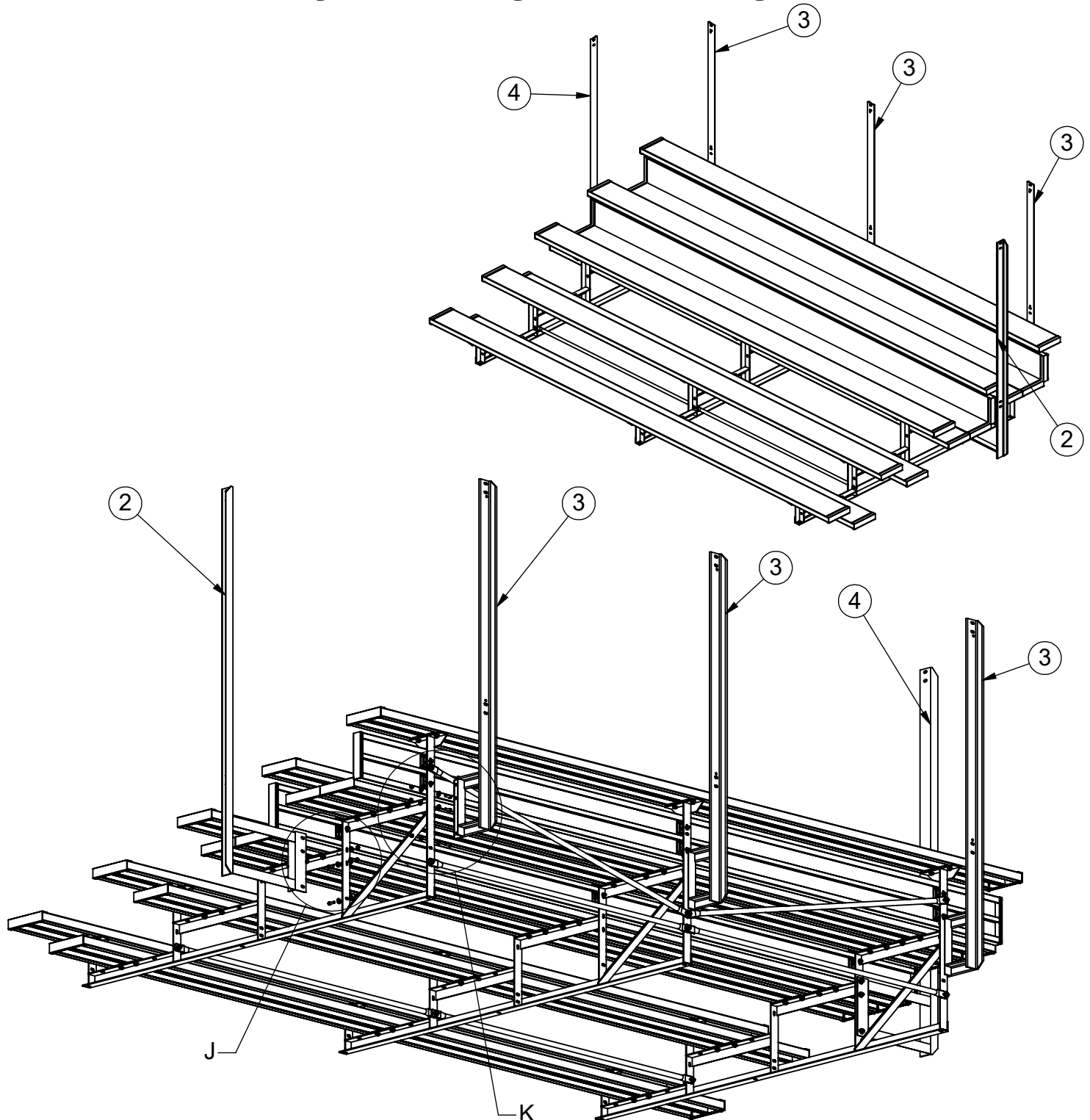
5 ROW STANDARD 15FT

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1171-515

INSTALLATION INSTRUCTIONS:

8) Install Right, Left and Rear F-Frame Panel Support Items (2) (3) (4) . Attach to Bleacher Frames with 3/8" x 1-1/2" hex bolts Item (21) , washers Item (19) and lock nuts Item (20) .



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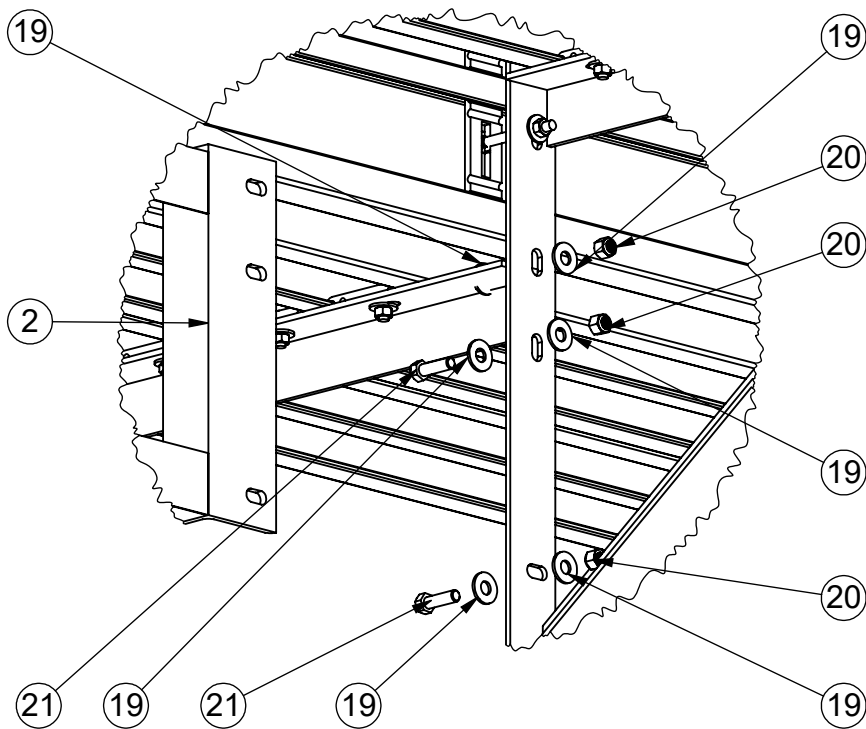
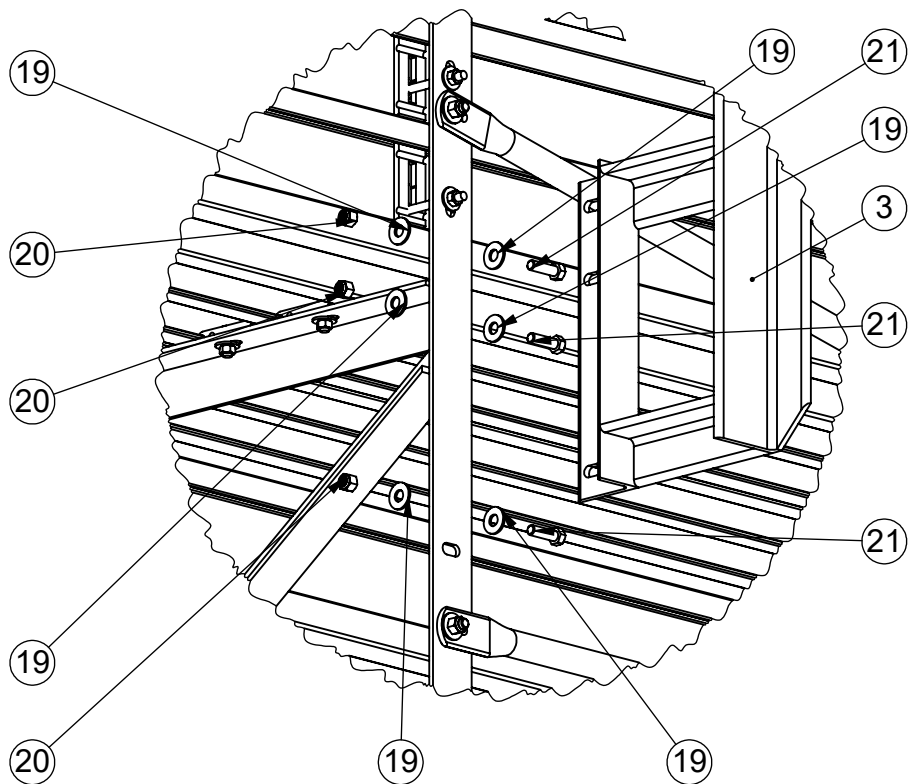
PRODUCT NAME

5 ROW STADARD 15FT

MODEL NO.

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DETAIL K
ENLARGED FROM
SHT. #13
SCALE 1 : 7



DETAIL J
ENLARGED FROM
SHT. #13
SCALE 1 : 6



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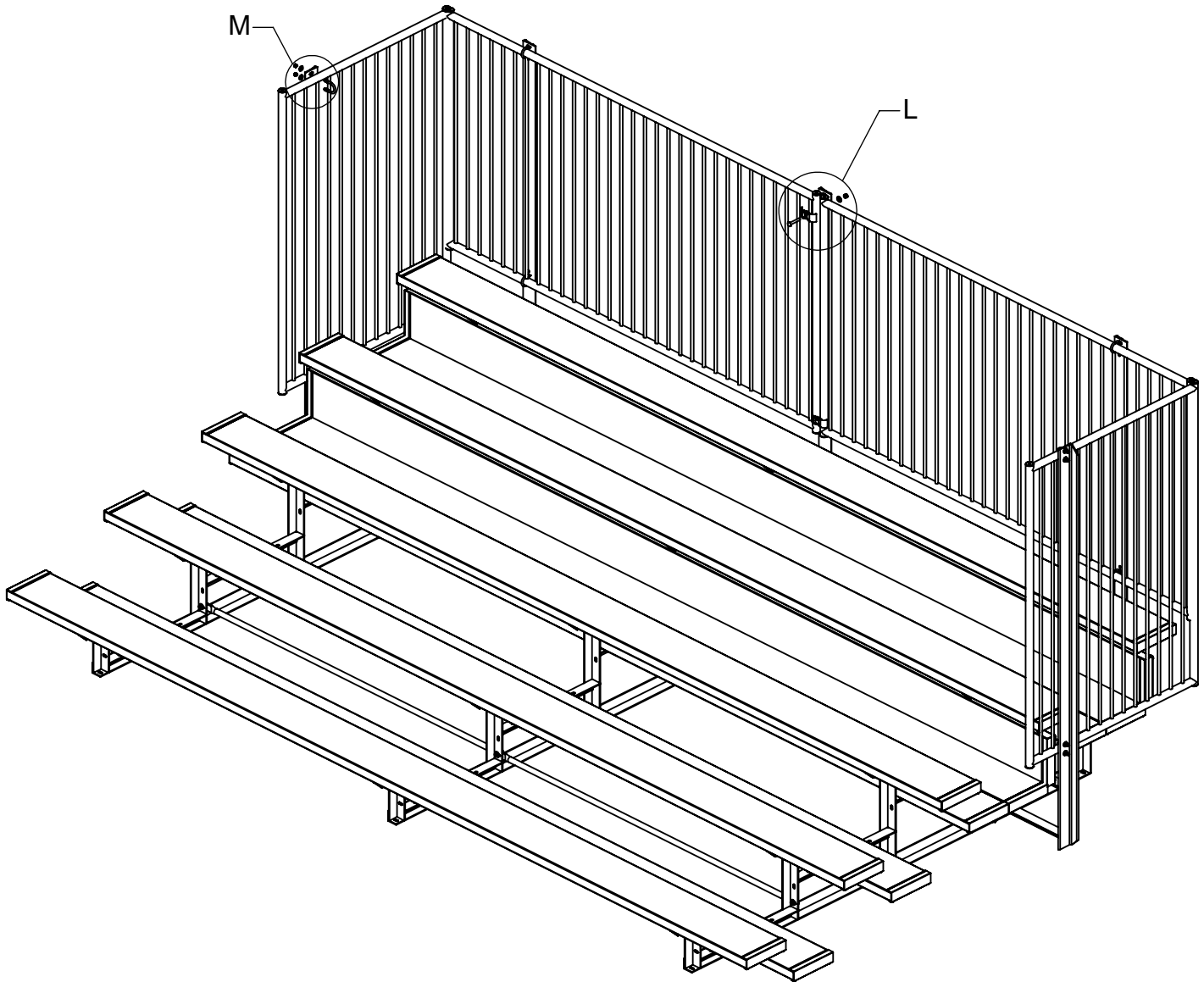
5 ROW STADARD 15FT

MODEL NO.

1171-515

INSTALLATION INSTRUCTIONS:

9) Install Railing Side and Rear Panels Items (5) (6) . Attach Railing Side Panel Item (5) to Right F-Frame Panel Support Item (2) with 5/16" U-Bolt (17) , washers (15) and lock nuts (16) Attach Railing Rear Long Panel (6) to Rear F-Frame Panel Support Item (3) using 5/16" U-Bolt Item (17) , washers Item (15) , lock nuts Item (16) , Panel Clamp Item (12) , 3/8" x 2-1/2" Carriage bolts Item (18) , washers Item (19) and lock nuts Item (20) . Repeat with the rest of the Railing Panels.



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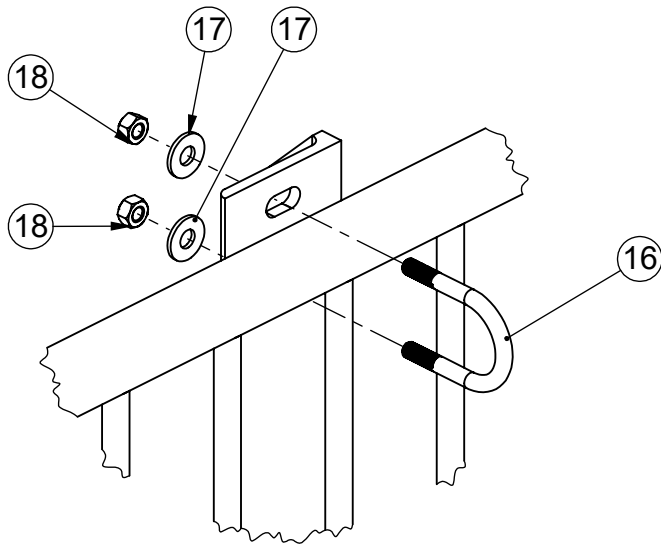
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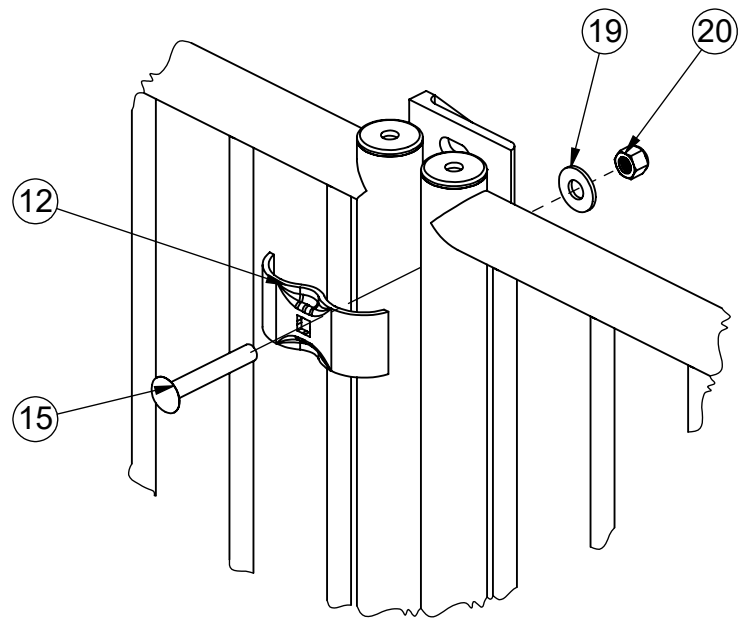
5 ROW STANDARD 15FT

MODEL NO.

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DETAIL M
ENLARGED FROM
SHT. #15
SCALE 1 : 3.5



DETAIL L
ENLARGED FROM
SHT. #15
SCALE 1 : 4

INSTALLATION INSTRUCTIONS:

15) Installing (Optional) Ground Sills (wood measuring 2" x 6" x 8'-1"): a) Center one ground sill under each bleacher frame so the ends are evenly spaced and are centered from side to side. Mark the hole locations in each bleacher frame on each of the ground sills and drill 1/4" x 1" deep pilot holes. DO NOT drill completely through the ground sills. b) Attach the ground sills to the bottom of the bleacher frames with 5/16" x 1-1/4" lag bolts and flat washers provided.



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