

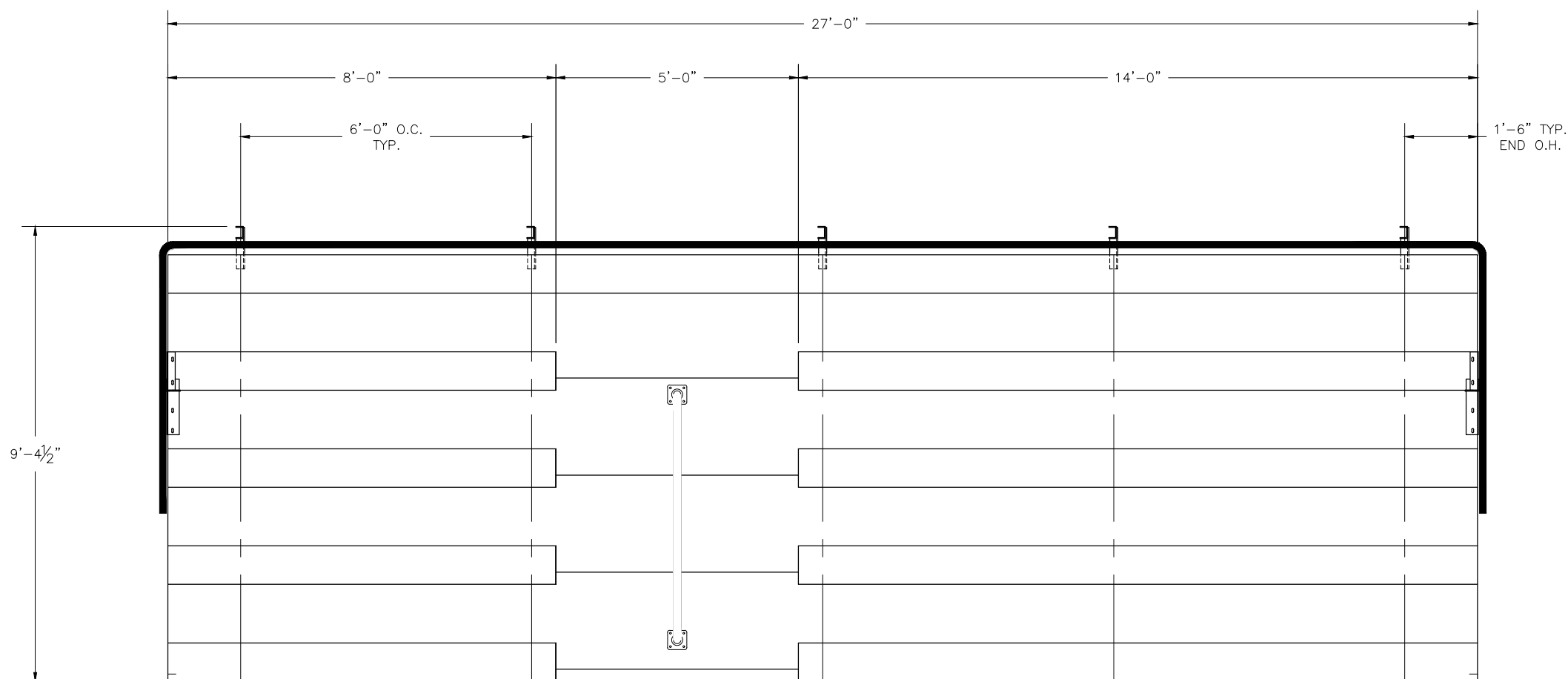


335bl620-6 Assembly Drawings

5 Row - Galvanized Steel Frame - Aluminum Bleachers - Non-Elevated - Chain-link Guardrail System - Deluxe Series - 27 Feet - Aisle Center - Weight: 1763lbs - Seats 74

DRAWING SHEET INDEX	
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AP.1	ANCHORING PLAN
PF.1	PLANK & FRAMING PLAN
VA.1	VERTICAL AISLE ASSEMBLY
GR.1	GUARDRAIL ASSEMBLY

Park Warehouse, LLC 7495 W. Atlantic Ave. Suite 200-294, Delray Beach, FL 33446 PH: 888.321.5334 FAX: 561.288.5279 WWW.PARKWAREHOUSE.COM	This drawing and all information contained herein is the property of PARK WAREHOUSE, LLC. and is not to be reproduced without express written permission of this manufacturer. We assume no responsibility for unauthorized use of this drawing. PARK WAREHOUSE, LLC. is not responsible for local permits and occupancy requirements.	MODEL NUMBER: 335bl620-6-DLX				
		DESCRIPTION: NON-ELEV. 5 ROW X 27'-0" ASSEMBLY PRINTS				
		DRAWN BY: JML	DATE: 3/14/17	REVISION: (0)	SCALE: N.T.S.	SHEET NUMBER: CS.1



SECTION LENGTH	GROSS SEATS	ACTUAL SEATS	NO. OF ROWS	NET SEATS
27	18.00	18.00	1	18
8	5.33	5.00	4	20
14	9.33	9.00	4	36
NET SEATS				74
WHEELCHAIR SPACES				0
TOTAL NET SEATING CAPACITY (BASED ON 18" PER SEAT)				74

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MODEL NUMBER: 335b1620-6-DLX

DESCRIPTION: NON-ELEV. 5 ROW X 27'-0" SEATING PLAN

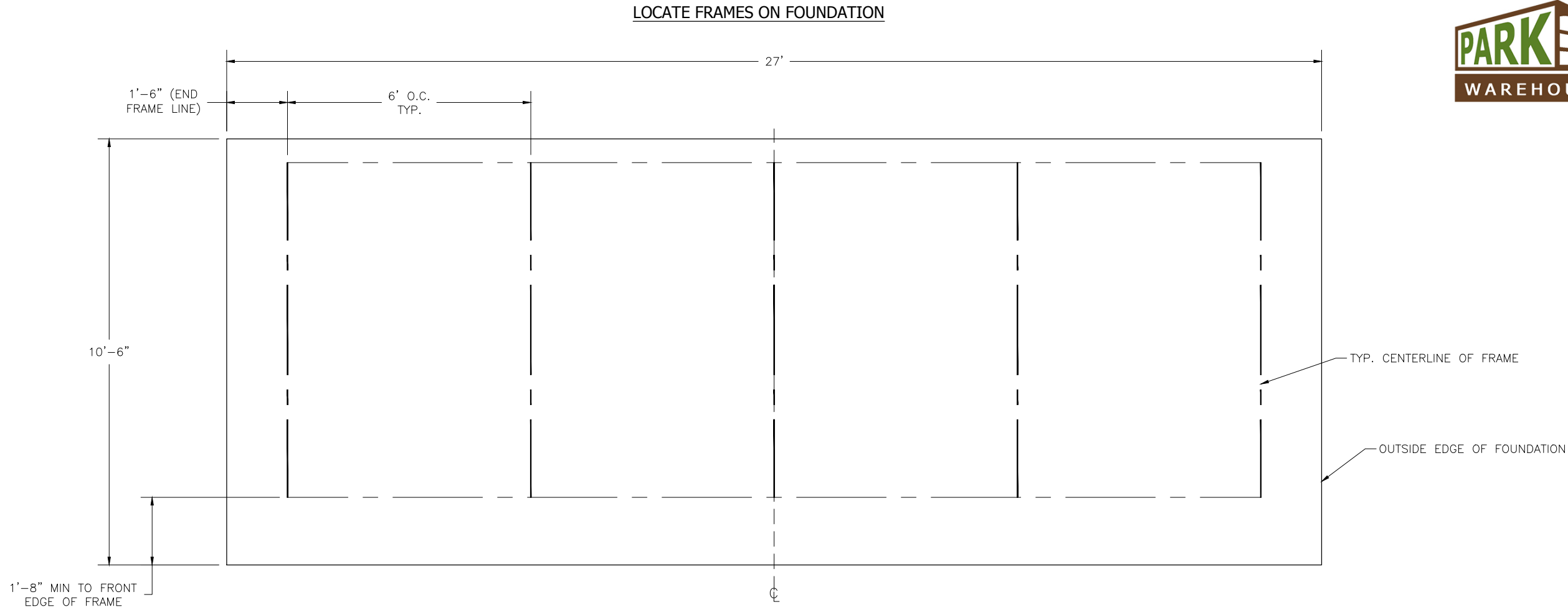
DRAWN BY: JML

DATE: 3/14/17

REVISION: (0)

SCALE: N.T.S.

SHEET NUMBER: TD.1



CONCRETE FOUNDATION SPECIFICATIONS

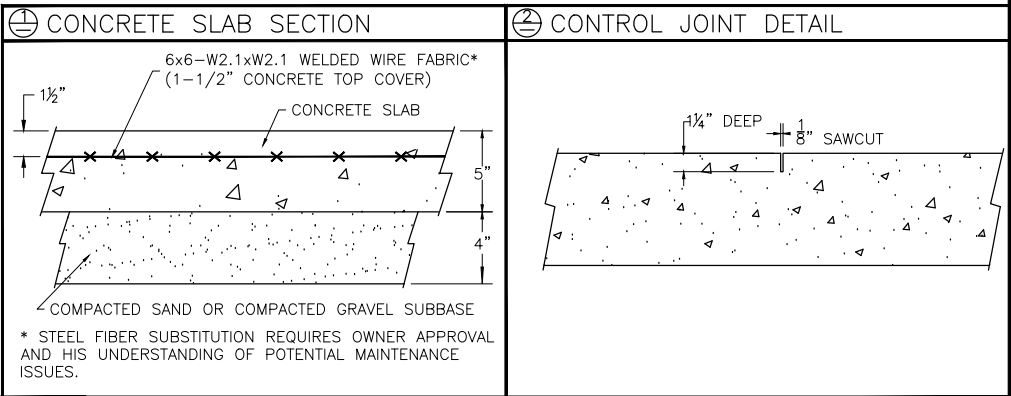
SCOPE:
Foundation construction is not part of PARK WAREHOUSE, LLC's., scope of work unless noted otherwise in the contract documents. The OWNER shall review the foundation design with local code authorities and coordinate with PW, LLC.

FOUNDATION DESIGN & ANCHORS:
1) The foundation designs are based on the following:
a) Minimum presumed soil bearing of 1000 psf.
b) Bleacher frame dead and live load of 700 lbs./ft.
c) Bleacher frame wind uplift of 250 lbs./ft.

2) Unless otherwise specified on the drawings the bleacher frames shall be attached to concrete with a 3/4" dia. x 3" wedge type expansion anchor. The anchors shall be embedded a minimum of 2" into the concrete.

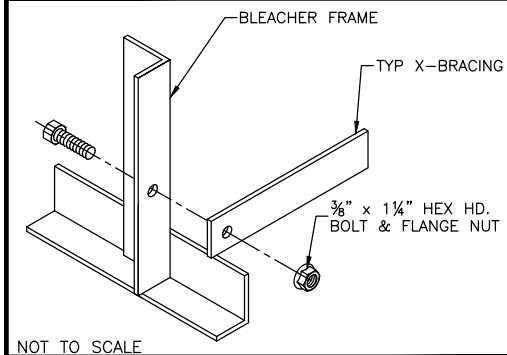
CONCRETE SPECIFICATIONS:
1) All concrete construction shall be in accordance with *ACI 318.08*.
2) All concrete shall be air-entrained using an air entraining admixtruing meeting *ASTM C620*. Total air content: 5%-7% per *ASTM C173*.
3) All concrete shall have a minimum 28-day strength of Fc=3000psi. Concrete shall have air-entrainment
4) A 1/4" bituminous expansion joint material shall be placed between strip and slab foundations when adjacent to each other.
5) The depressions in the top of the foundations between high spots shall not exceed 3/16" below 10-foot long straightedge. The 10-foot straightedge method used to measure foundation flatness shall be in accordance with *ACI 302.1R-04 "Guide for Concrete Floor and Slab Construction"*.

CONCRETE SLAB RECOMMENDED SPECIFICATIONS:
1) Concrete slab shall have a minimum thickness of 5" (some areas may require 6") and placed on 4" of compacted gravel or compacted sub base.
2) PW, LLC., recommends that the concrete slab be reinforced with 6x6-W2.1xW2.1 welded wire fabric at 1 1/2" concrete cover from the top. In lieu of welded wire fabric, steel fiber substitution requires OWNER approval and his understanding of potential maintenance issues.
3) Contractor may substitute blended fiber reinforcing, provided the blend consists of multifilament polypropylene fibers and cold drawn steel wire fibers. Novamesh 950 or approved equivalent, applied at a dosage rate of 5lb/CY unless specified otherwise or a different recommendation is made by the manufacturer.
4) Crack control joints shall be sawed into slab to form approximate square patterns. The maximum spacing for control joints shall not exceed 12'-6", UNLESS INDICATED OTHERWISE. The bleacher frames shall not be set on control joints. The designer shall contact NRS to coordinate joint spacing requirements with the specific bleacher design.
5) The slab may be sloped a maximum of 1/8 inch per foot for drainage. The maximum overall out of level slope for the slab perpendicular to the seats (front to rear) shall not exceed 2" and parallel to the seats (end to end) shall not exceed 4".

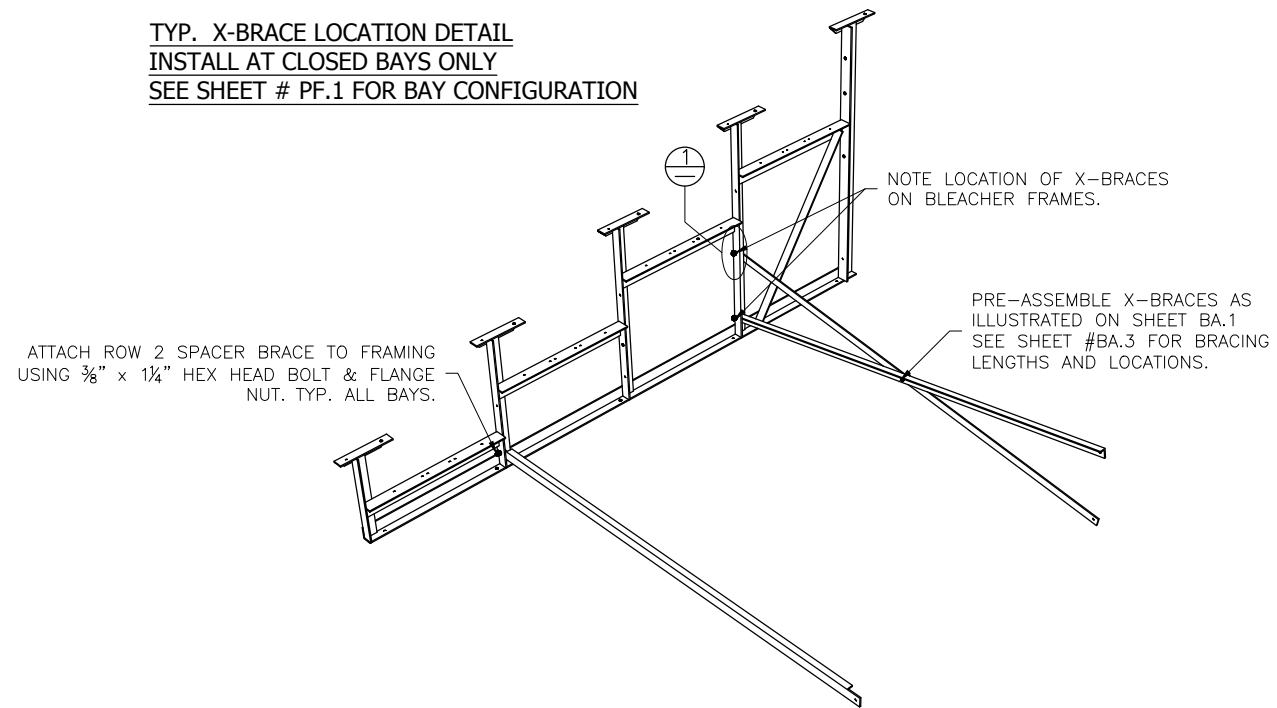


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				DESCRIPTION: NON-ELEV. 5 ROW X 27'-0" FOUNDATION PLAN			
		DRAWN BY: JML	DATE: 3/14/17	REVISION: (0)	SCALE: N.T.S.	SHEET NUMBER: FP.1	

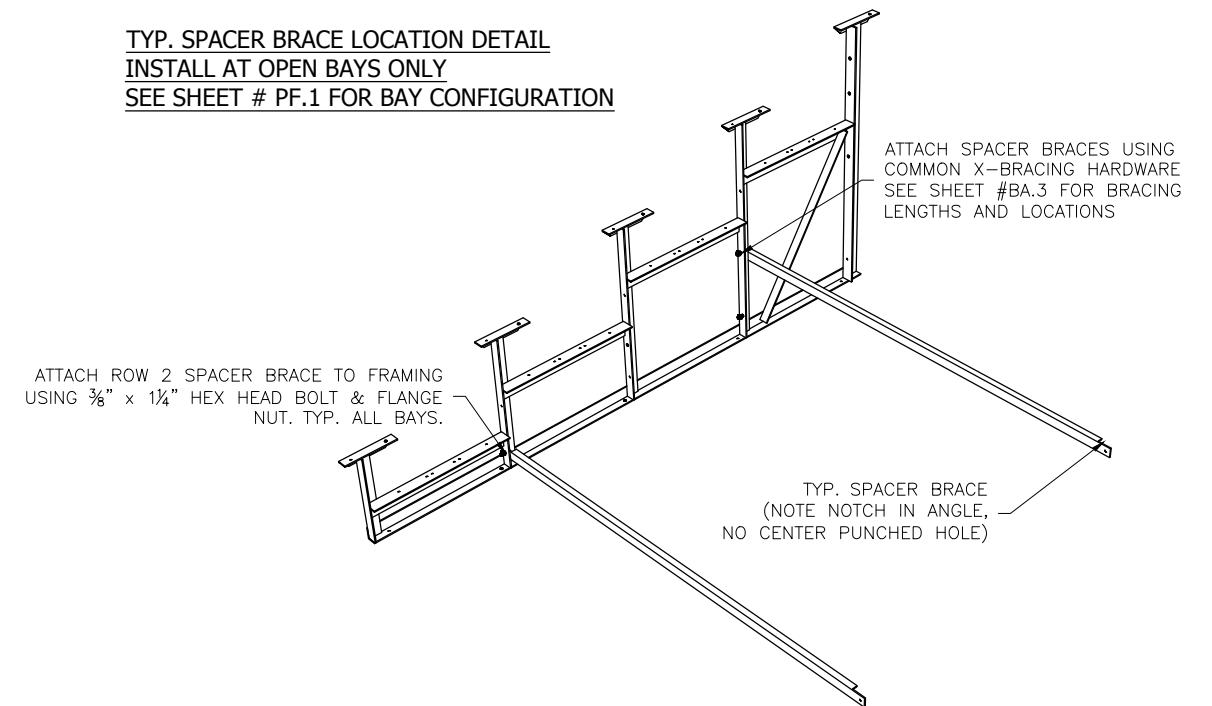
⊕ TYP X-BRACE CONN. W/ 1¼ BOLT



TYP. X-BRACE LOCATION DETAIL
INSTALL AT CLOSED BAYS ONLY
SEE SHEET # PF.1 FOR BAY CONFIGURATION



TYP. SPACER BRACE LOCATION DETAIL
INSTALL AT OPEN BAYS ONLY
SEE SHEET # PF.1 FOR BAY CONFIGURATION



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MODEL NUMBER: 335bl620-6-DLX

DESCRIPTION: NON-ELEV. 5 ROW X 27'-0" BLEACHER PREP

DRAWN BY: JML

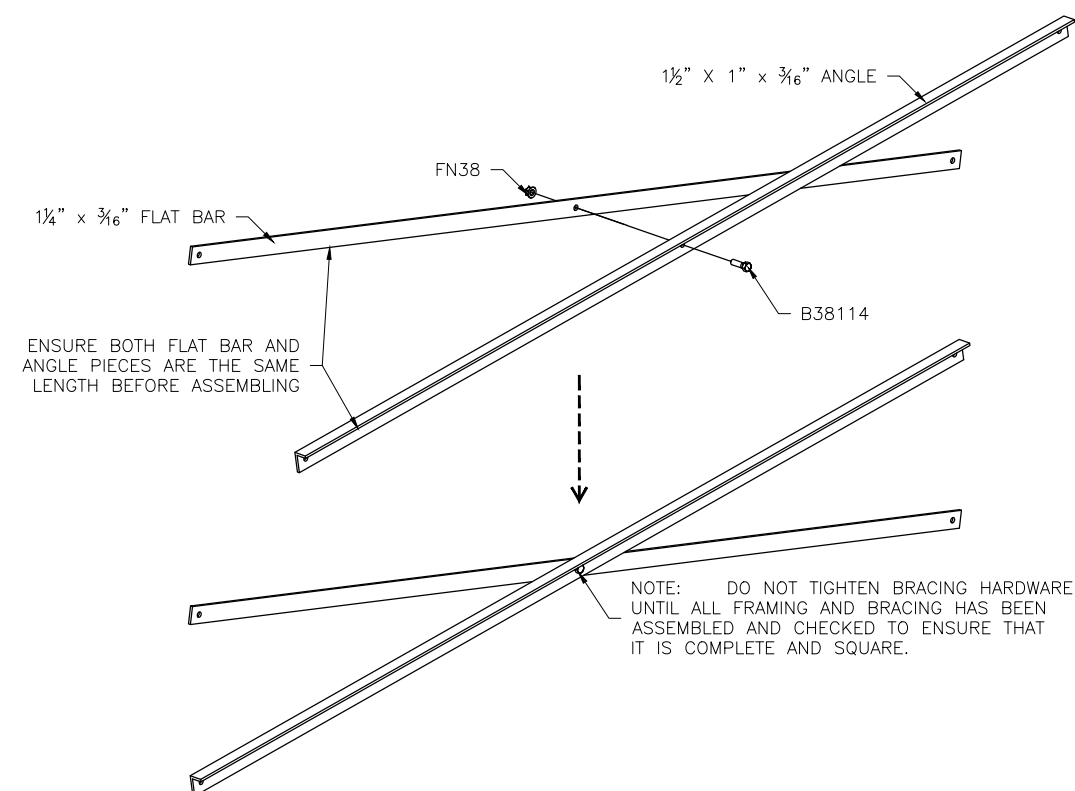
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REVISION: (0)

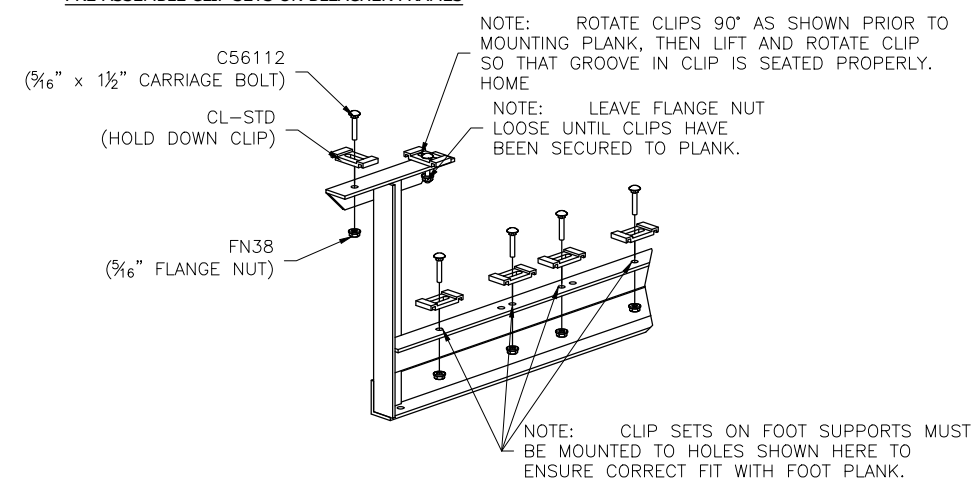
SCALE: N.T.S.

SHEET NUMBER: BA.1

PRE-ASSEMBLE X-BRACE PAIR(S)



ONCE FRAMING IS COMPLETE, PRE-ASSEMBLE CLIP SETS ON BLEACHER FRAMES



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MODEL NUMBER: 335b1620-6-DLX

DESCRIPTION: NON-ELEV. 5 ROW X 27'-0" BRACING LOCATIONS

DRAWN BY: JML

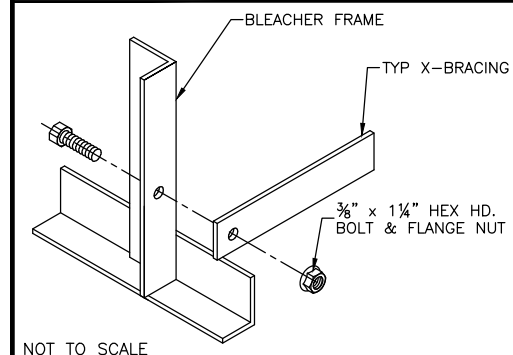
DATE: 3/14/17

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SCALE: N.T.S.

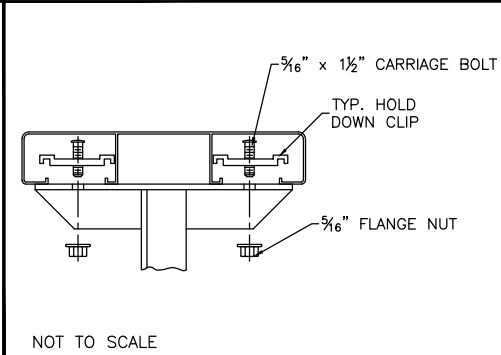
SHEET NUMBER: BA.2

⊕ TYP X-BRACE CONN. W/ 1¼ BOLT



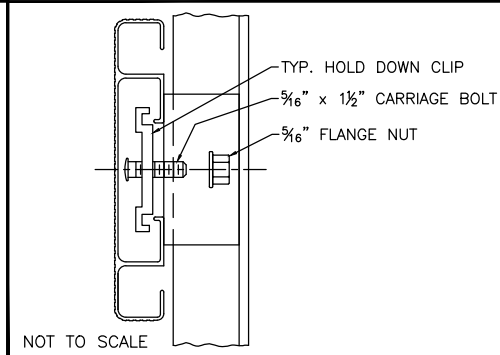
NOT TO SCALE

⊕ TYP 2x10 PLANK ATTACHMENT

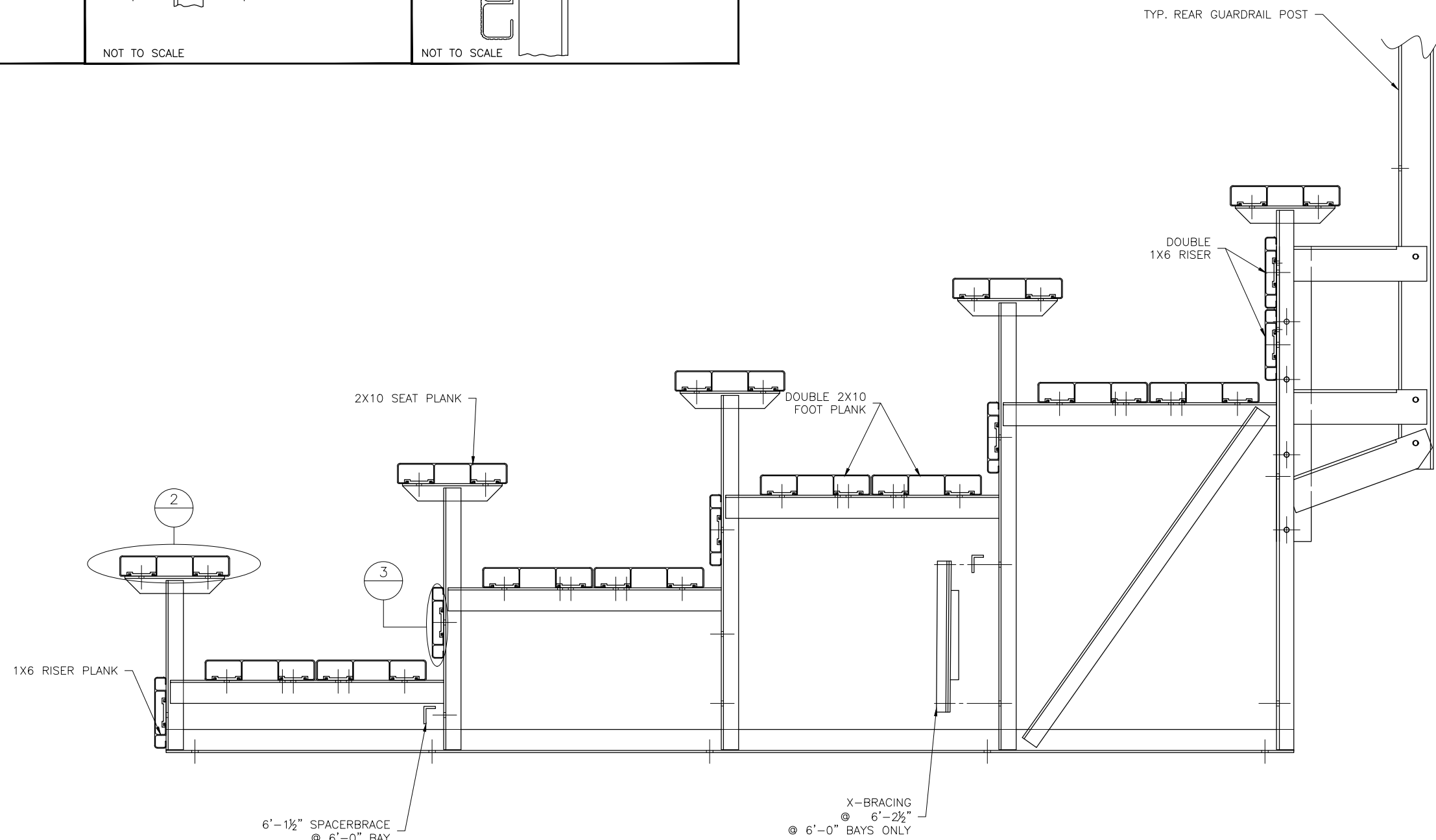


NOT TO SCALE

⊕ TYP 1x6 PLANK ATTACHMENT



NOT TO SCALE



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MODEL NUMBER: 335b1620-6-DLX

DESCRIPTION: NON-ELEV. 5 ROW X 27'-0" ASSEMBLY SECTION

DRAWN BY: JML

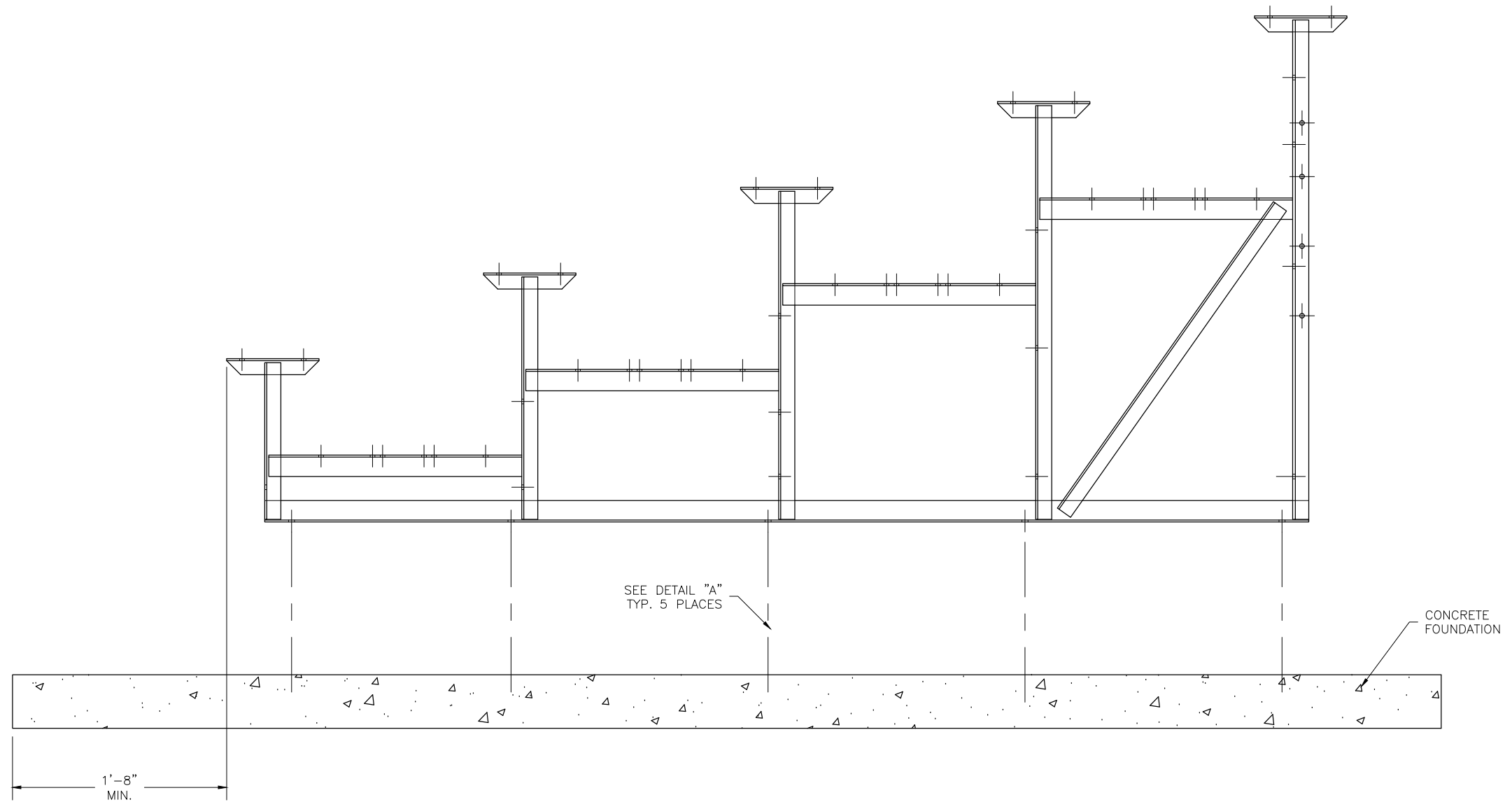
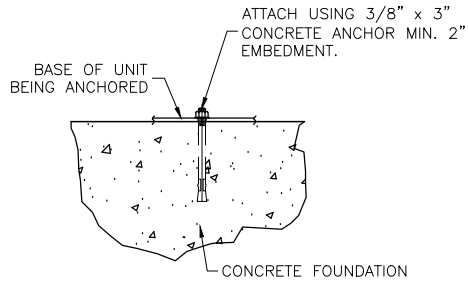
DATE: 3/14/17

REVISION: (0)

SCALE: N.T.S.

SHEET NUMBER: BA.3

⊕ WEDGE ANCHOR DETAIL — 3"



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MODEL NUMBER: 335bl620-6-DLX

DESCRIPTION: NON-ELEV. 5 ROW X 27'-0" ANCHORING PLAN

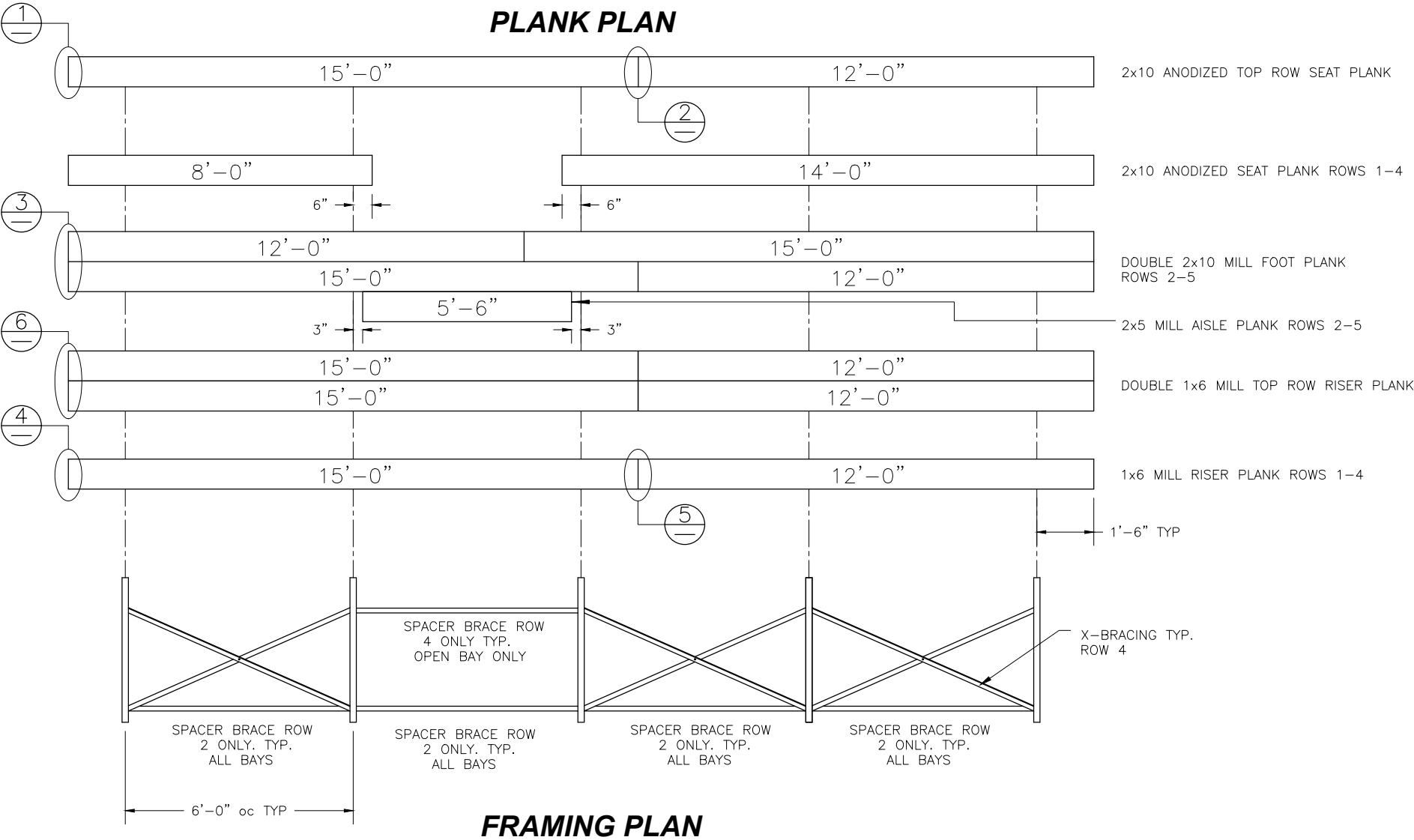
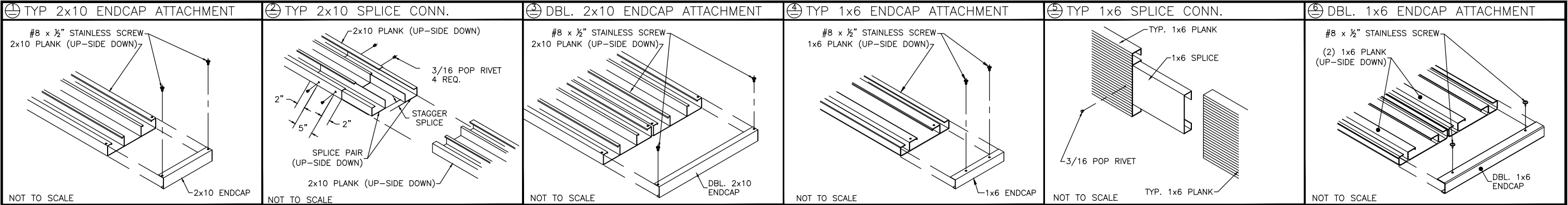
DRAWN BY: JML

DATE: 3/14/17

REVISION: (0)

SCALE: N.T.S.

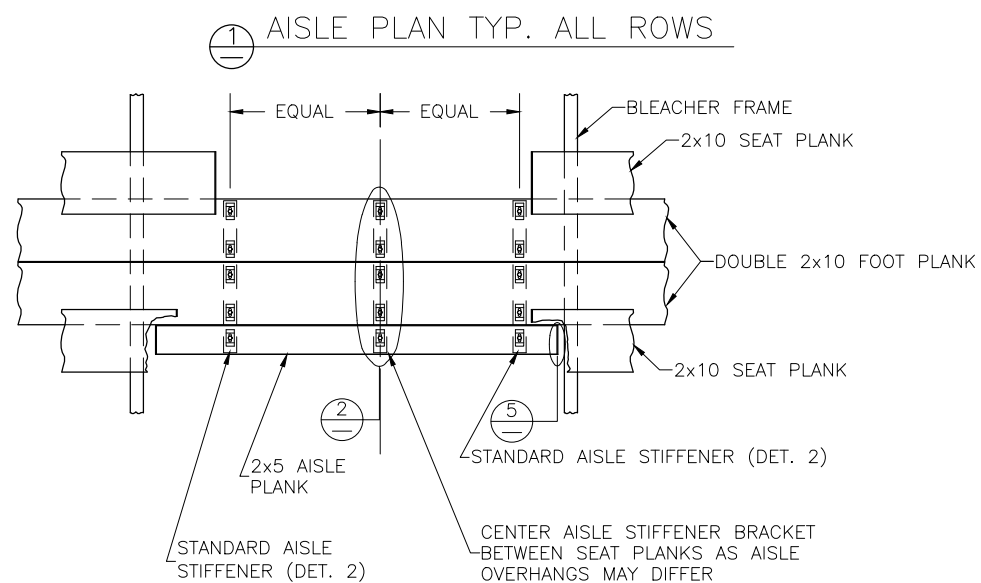
SHEET NUMBER: AP.1



FRAMING PLAN

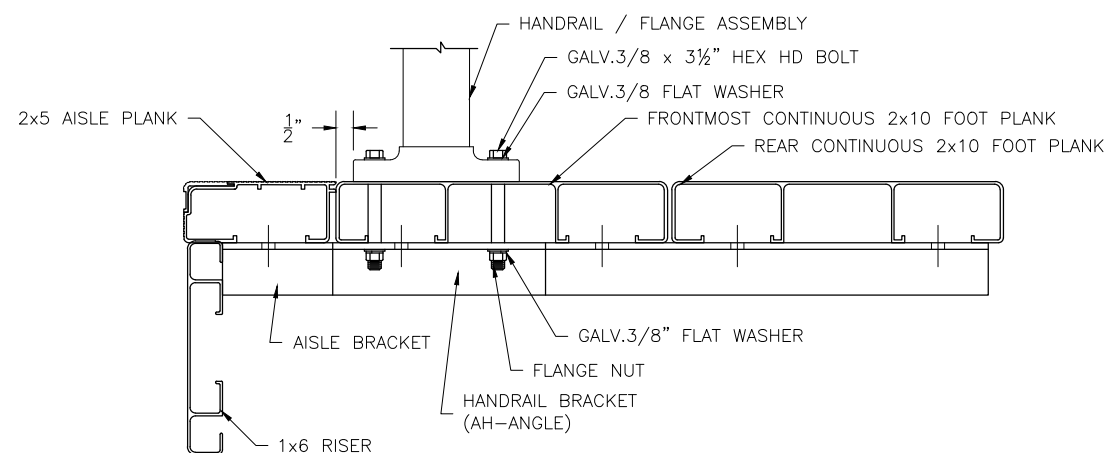


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				DESCRIPTION: NON-ELEV. 5 ROW X 27'-0" PLANK & FRAMING PLAN			
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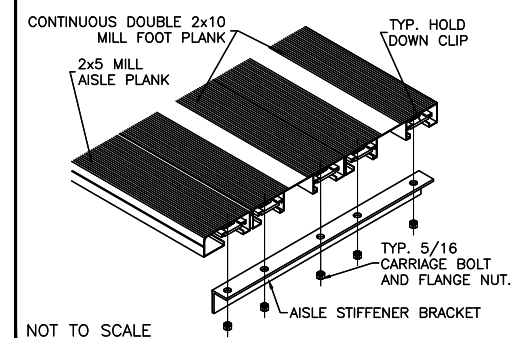


DETAIL A

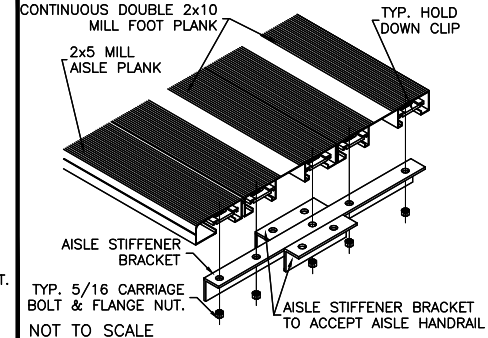
FRONT HANDRAIL ASSEMBLY SHOWN
LOCATE OVER REAR FOOT PLANK FOR REAR ASSEMBLY



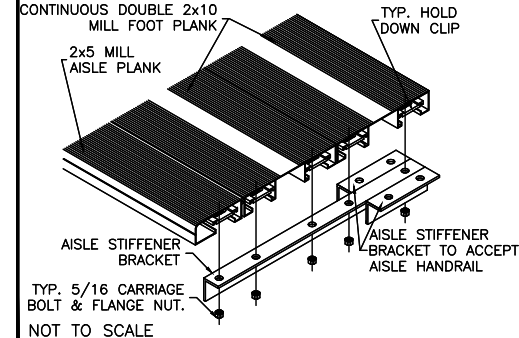
② TYP. AISLE BKT DETAIL



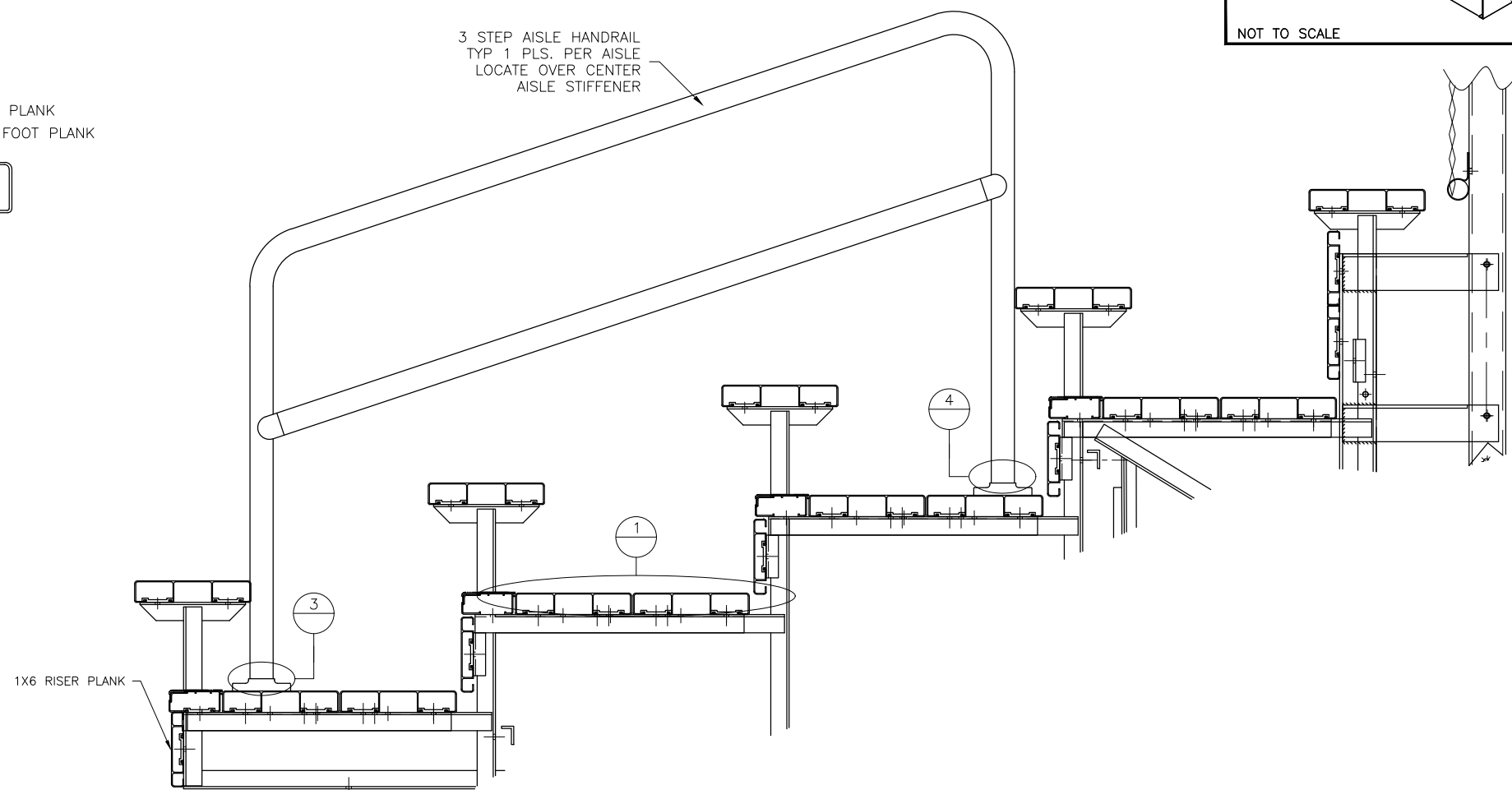
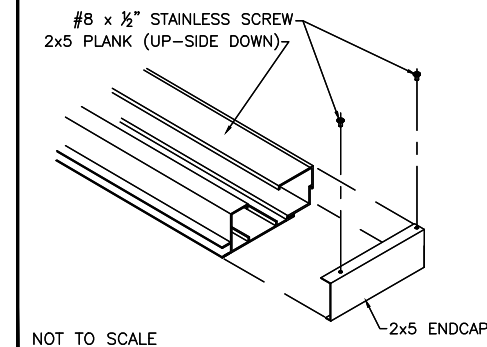
③ FRONT AISLE H.R. BRACKET DETAIL



④ REAR AISLE H.R. BRACKET DETAIL



⑤ TYP 2x5 ENDCAP ATTACHMENT



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MODEL NUMBER: 335bl620-6-DLX

DESCRIPTION: 5 ROW VERTICAL AISLE ASSEMBLY

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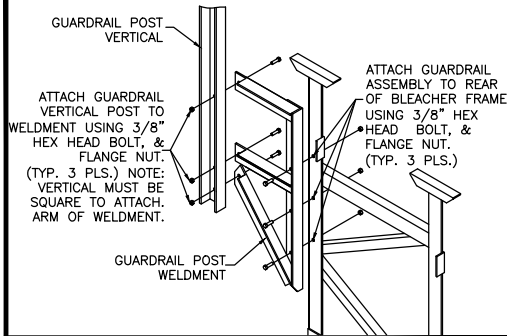
DATE: 3/14/17

REVISION: (0)

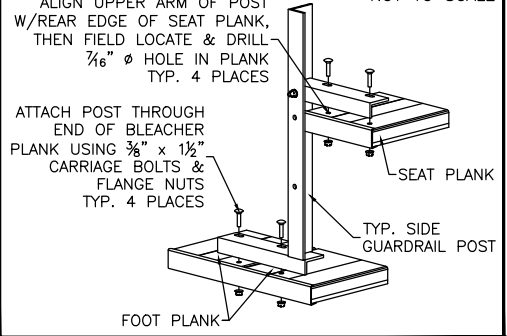
SCALE: N.T.S.

SHEET NUMBER: VA, 1

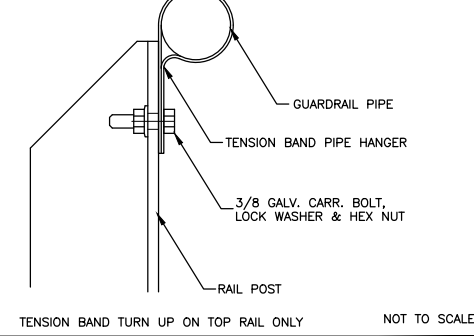
1 REAR GUARDRAIL POST ATTACH.



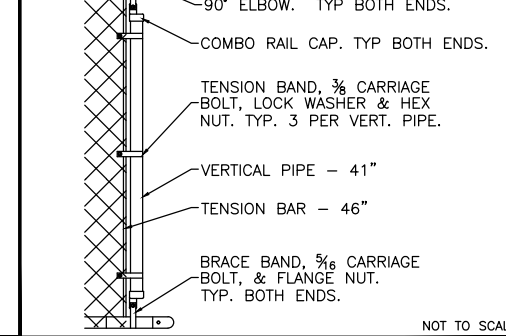
2 SIDE GD. RAIL POST INSTALLATION



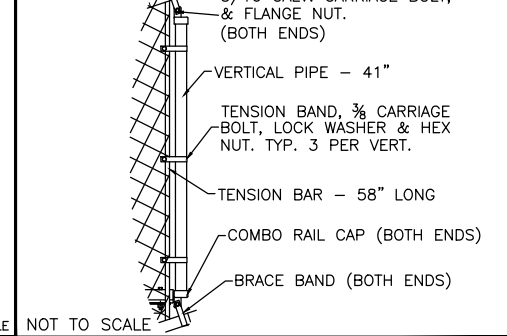
3 TENSION BAND ATTACHMENT



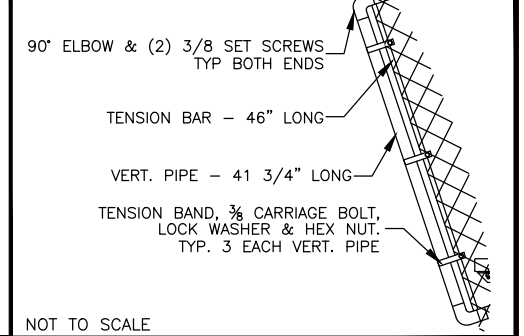
4 VERT. PIPE DETAIL-REAR, TOP



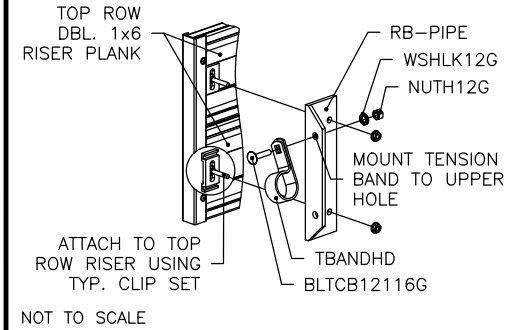
5 VERT. PIPE DETAIL (SIDE, TOP)



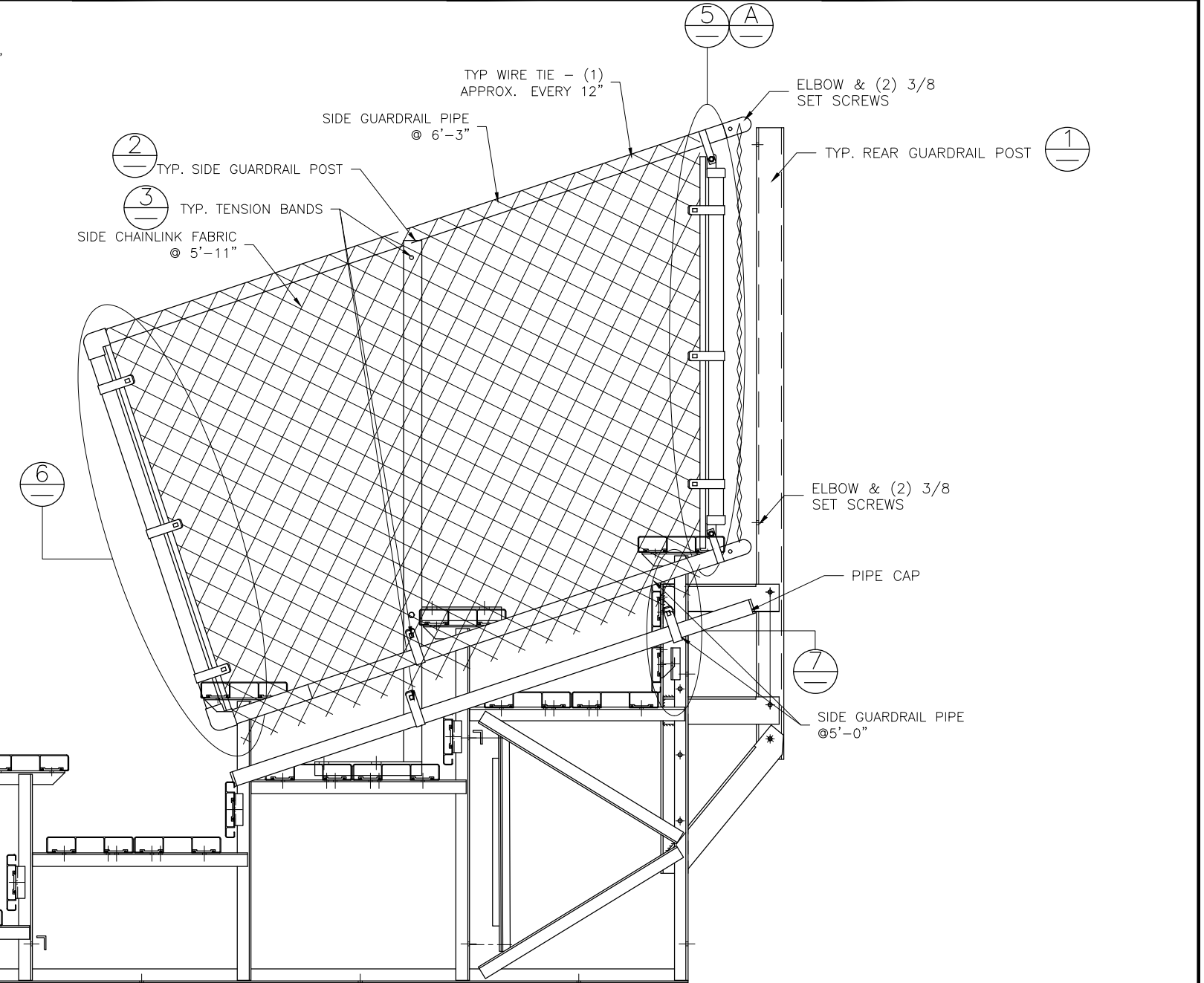
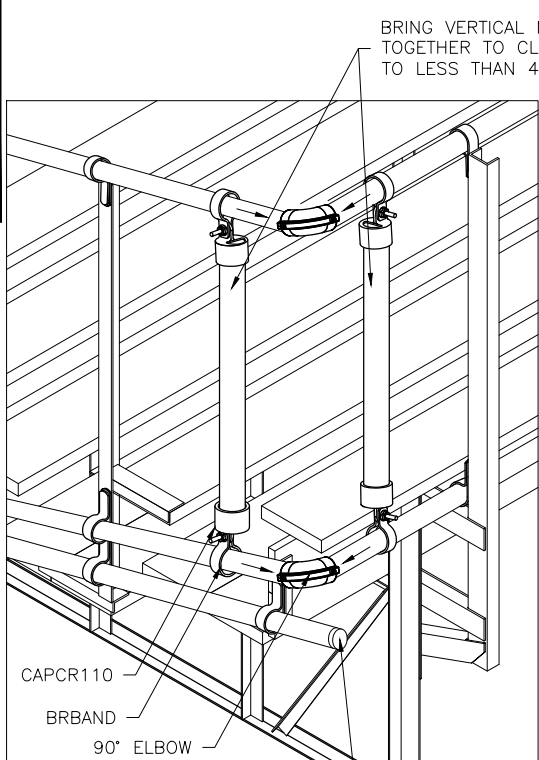
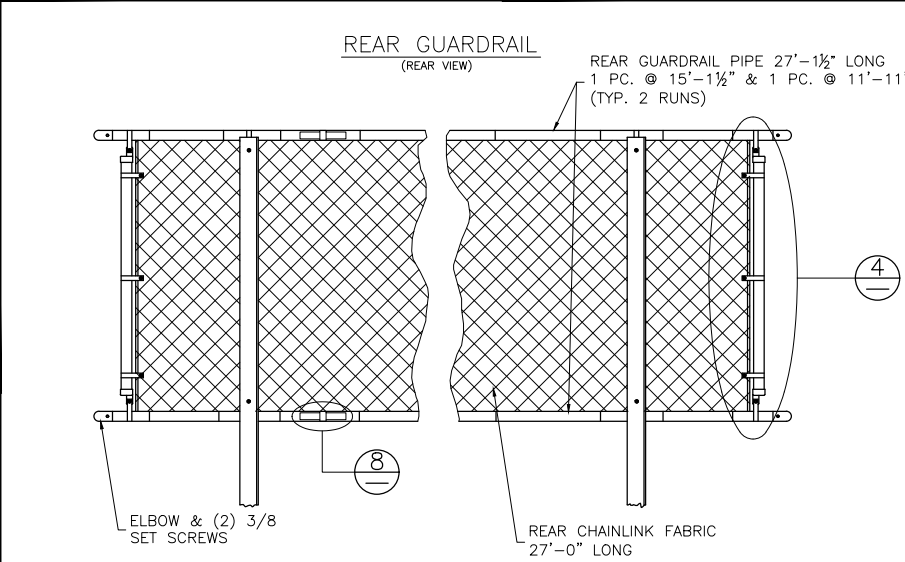
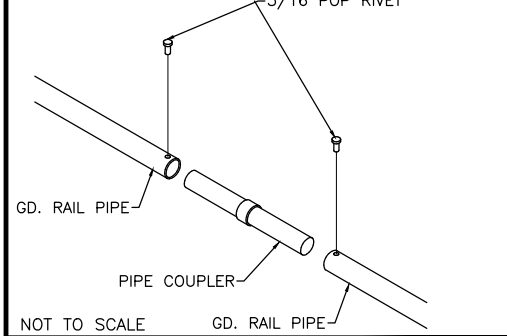
6 VERT. PIPE DETAIL (NE-SIDE,BOTT.)



7 LOWER PIPE BRACKET ATTACH.



8 PIPE COUPLER INSTALLATION



DETAIL "A" - REAR CORNER GUARDRAIL ASSEMBLY

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DRAWN BY: JML

DATE: 3/14/17

REVISION: (0)

SCALE: N.T.S.

SHEET NUMBER: GR.1