

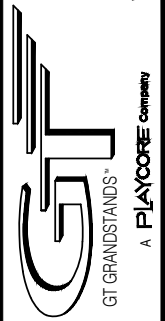
# ALUMINUM 5 ROW x 15'-0" - STANDARD SERIES

MODEL  
**GS-0515ADC-EA-HC**

CS.1 - COVER SHEET  
 SP.1 - SEATING PLAN  
 ID.1 - MASTER FRAME I.D.  
 FP.1 - FOUNDATION PLAN  
 GS.1 - GROUND SILL/AUGER ANCHOR PLAN  
 AP.1 - ANCHORING PLAN  
 BA.1 - BLEACHER ASSEMBLY  
 PF.1 - PLANK & FRAMING PLAN  
 VA.1 - VERTICAL AISLE ASSEMBLY  
 WC.1 - WHEELCHAIR ACCESS INSERT  
 GR.1 - GUARDRAIL ASSEMBLY  
 DS.1 - DETAIL SHEET



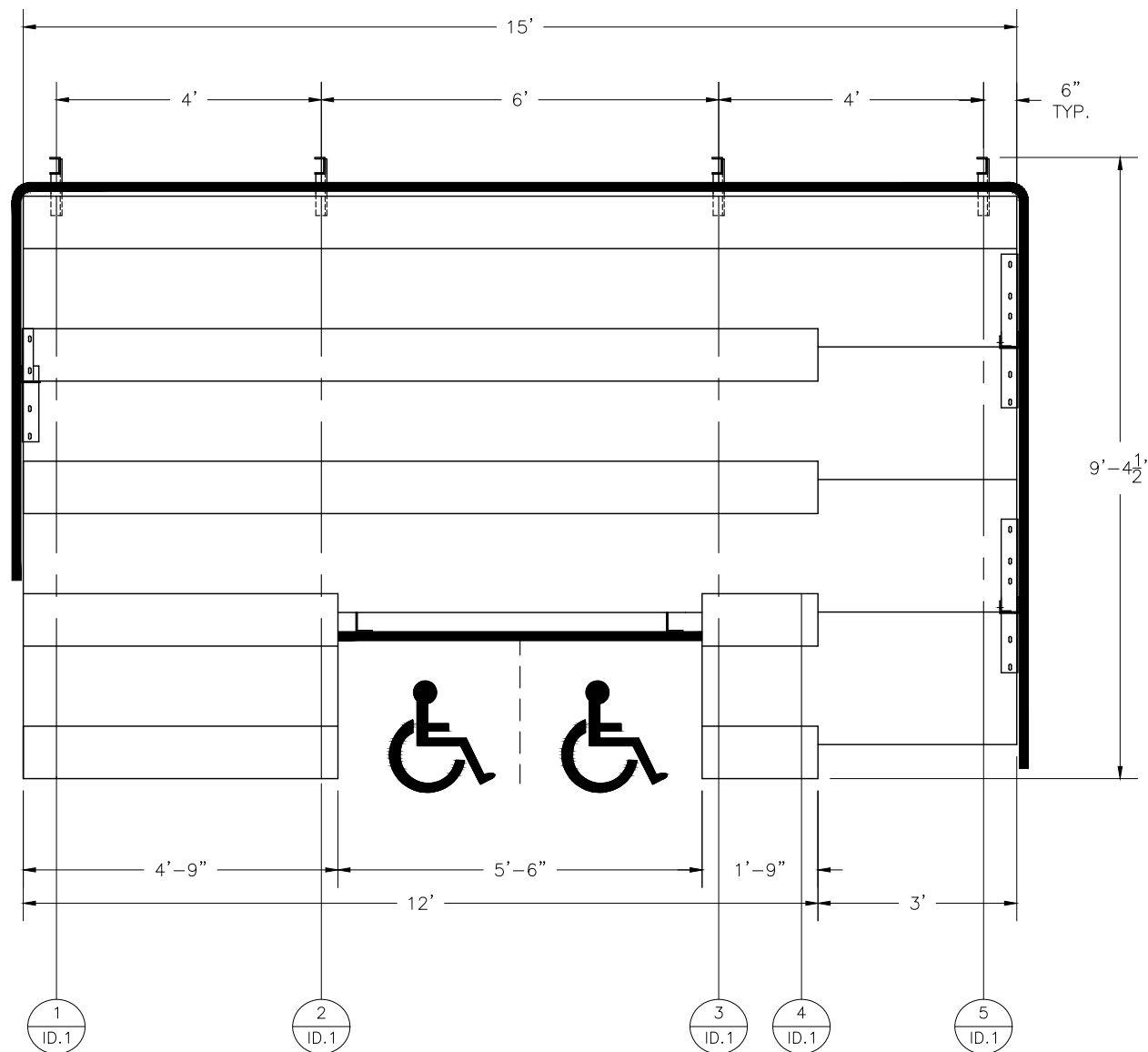
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COVER SHEET  
 5 ROW BLEACHER  
 WITH AISLE & HANDICAP SPACE

GS-0515ADC-EA-HC  
 LEFT SIDE AISLE

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 MME  
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 DATE  
 12/01/2016  
 SCALE  
 JOB NO.  
 GS-0515ADC-EA-HC  
 DWG NO.  
**CS.1**



SECTION LENGTH	GROSS SEATS	ACTUAL SEATS	NO. OF ROWS	NET SEATS
15	10.00	10.00	1	10
12	8.00	8.00	2	16
1.75	1.17	1.00	2	2
4.75	3.17	3.00	2	6
<b>NET SEATS</b>				<b>34</b>
<b>WHEELCHAIR SPACES</b>				<b>2</b>
<b>TOTAL NET SEATING CAPACITY</b>				<b>36</b>
<i>(BASED ON 18" PER SEAT)</i>				



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SEATING PLAN  
 5 ROW BLEACHER  
 WITH AISLE & HANDICAP SPACE

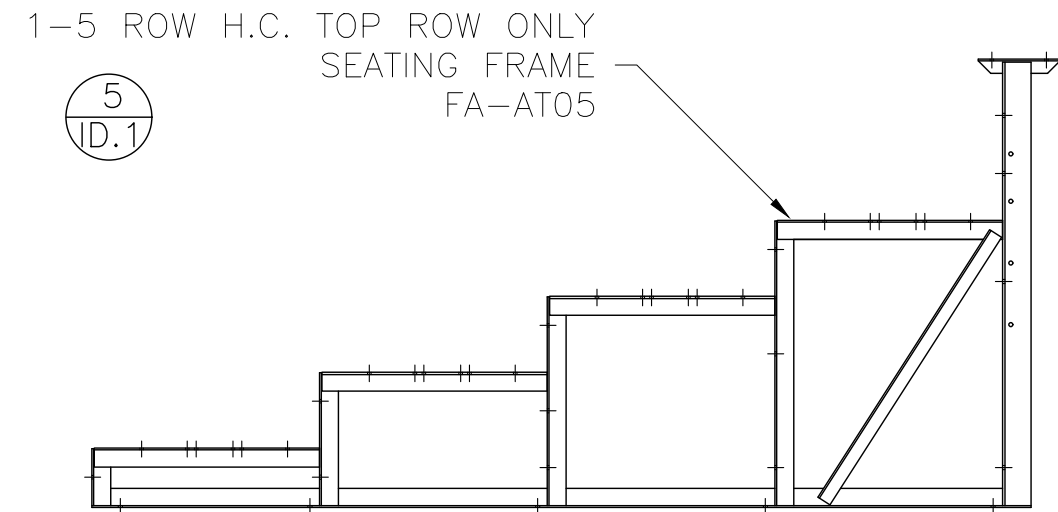
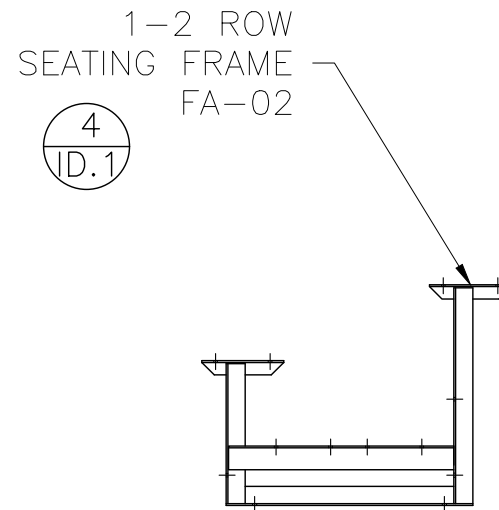
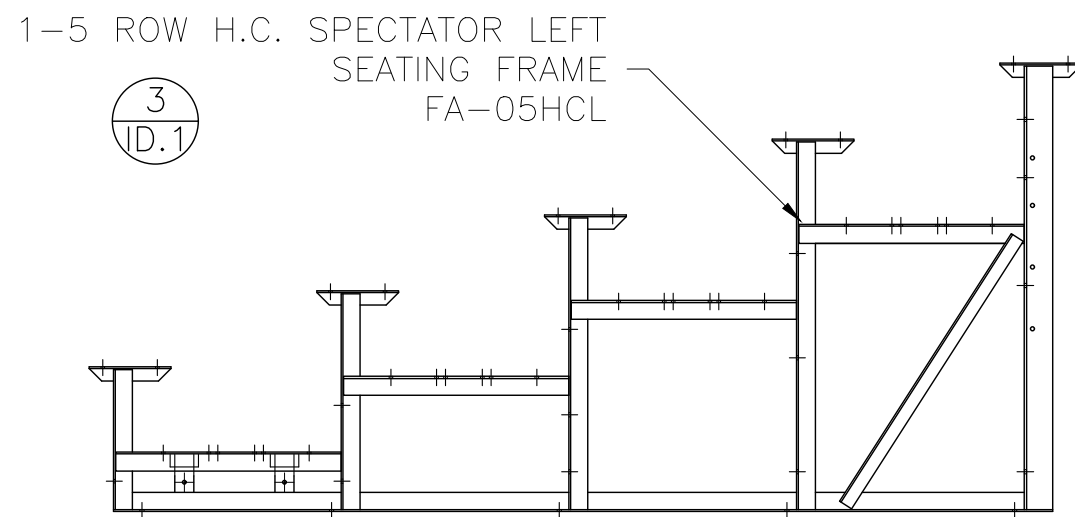
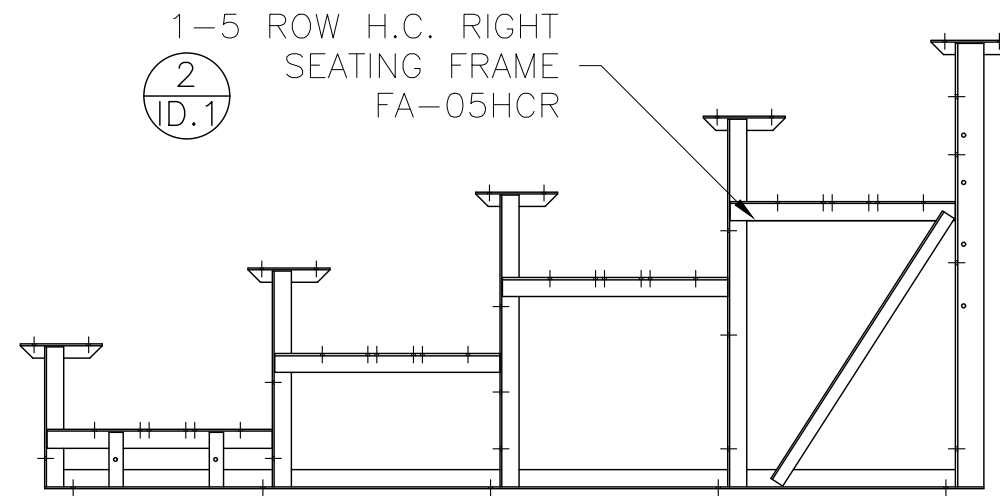
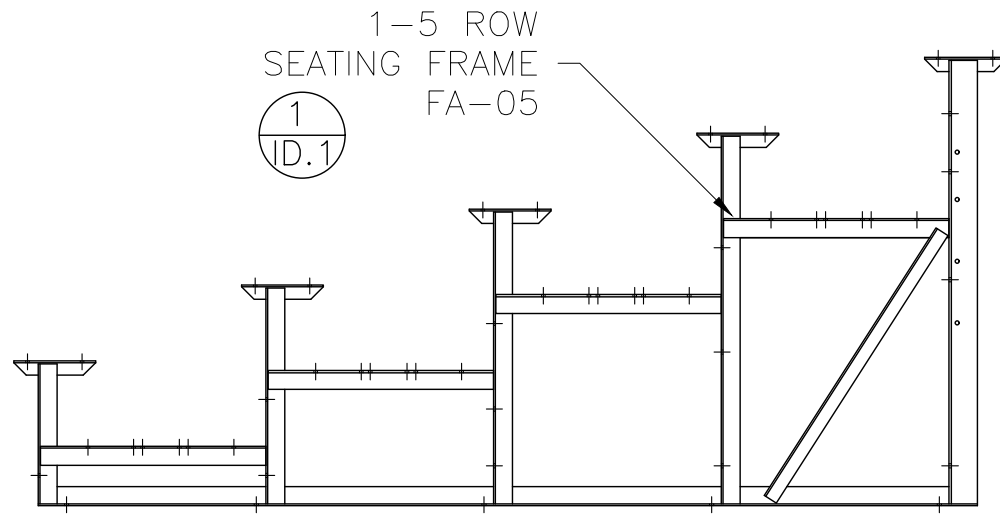
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 (LEFT SIDE AISLE)

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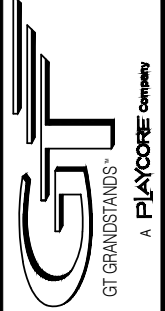
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JOB NO.  
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 SP.1



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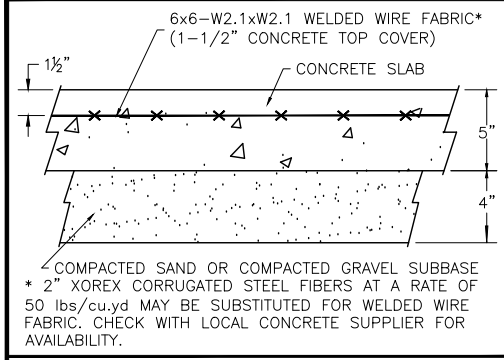


MASTER FRAME I.D.  
5 ROW BLEACHER  
WITH AISLE & HANDICAP SPACE

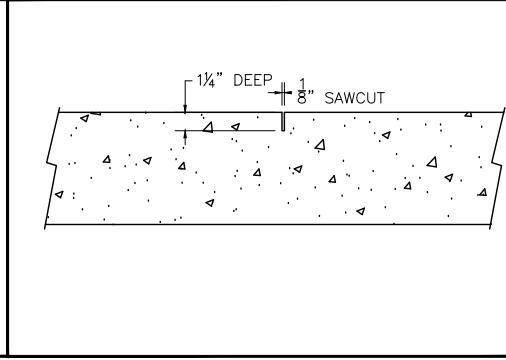
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(LEFT SIDE AISLE)

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DWG NO. ID.1

⊕ CONCRETE SLAB SECTION



⊖ CONTROL JOINT DETAIL



**CONCRETE FOUNDATION SPECIFICATIONS SCOPE:**

Foundation construction is not part of GT GRANDSTANDS, INC. (GTG) scope of work unless noted otherwise in the contract documents. The owner shall review the foundation design with the local code authorities, and coordinate with GTG.

**FOUNDATION DESIGN & ANCHORS:**

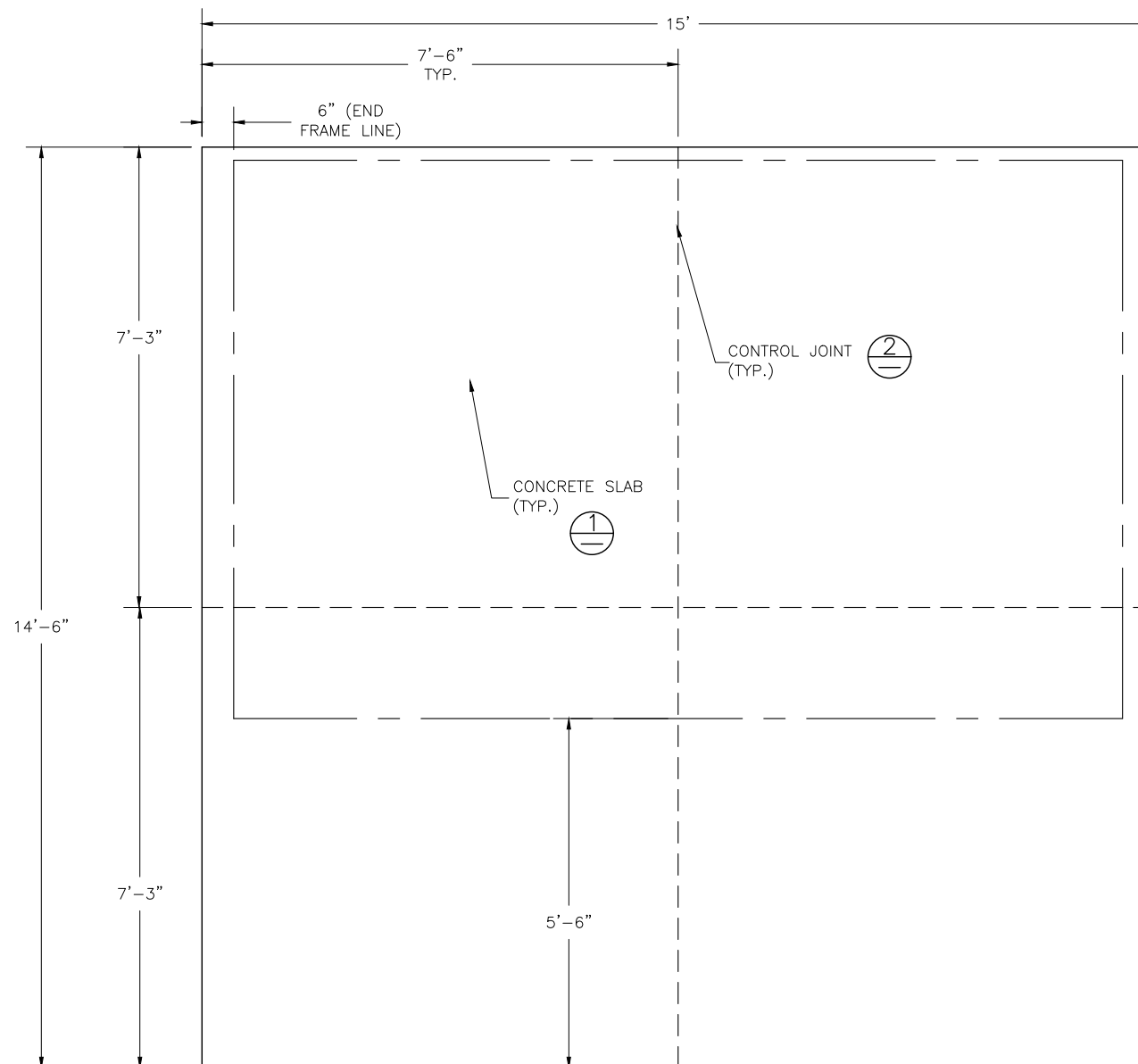
- 1) The foundation designs are based on the following:
  - a. Minimum presumed soil bearing 1000 psf.
  - b. Bleacher frame dead and live load 700 lbs./ft.
  - c. Bleacher frame wind uplift load 250 lbs./ft.
- 2) Unless otherwise noted on the drawings the bleacher frames shall be attached to the concrete with 3/8" dia. x 3" wedge type expansion anchors. The anchors shall be embedded a minimum of 2" into the concrete.

**CONCRETE SPECIFICATIONS:**

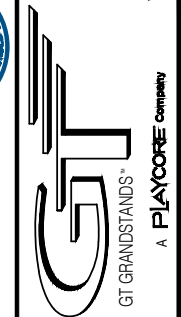
- 1) All concrete construction shall be in accordance with *ACI 318-08*.
- 2) All concrete shall have a minimum 28-day strength of  $F_c=3000$  psi.
- 3) A 1/4" bituminous expansion joint material shall be placed between strip and slab foundations when adjacent to each other.
- 4) The depressions in the top of the foundations between high spots shall not exceed 5/16" below a 10-foot long straightedge. The 10-foot straightedge method used to measure foundation flatness shall be in accordance with Section of ACI 302.1R-04 "*Guide for Concrete Floor and Slab Construction*".

**CONCRETE SLAB SPECIFICATIONS:**

- 1) Concrete slab shall have a minimum thickness of 5" (GTG, Inc. recommends, and some areas may require 6" thickness) and placed on 4" of compacted gravel or compacted sand sub-base.
- 2) GTG, Inc. 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, 2" XOREX by Ribbon Technology Corporation or equal corrugated steel fibers applied at a rate of 50-lbs./Cubic Yard may be used. Nylon or polypropylene fiber are not recommended.
- 3) 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 shown otherwise on this drawing. The bleacher frames shall not be set on control joints. The designer shall contact GTG to coordinate joint spacing requirements with the specific bleacher design.
- 4) 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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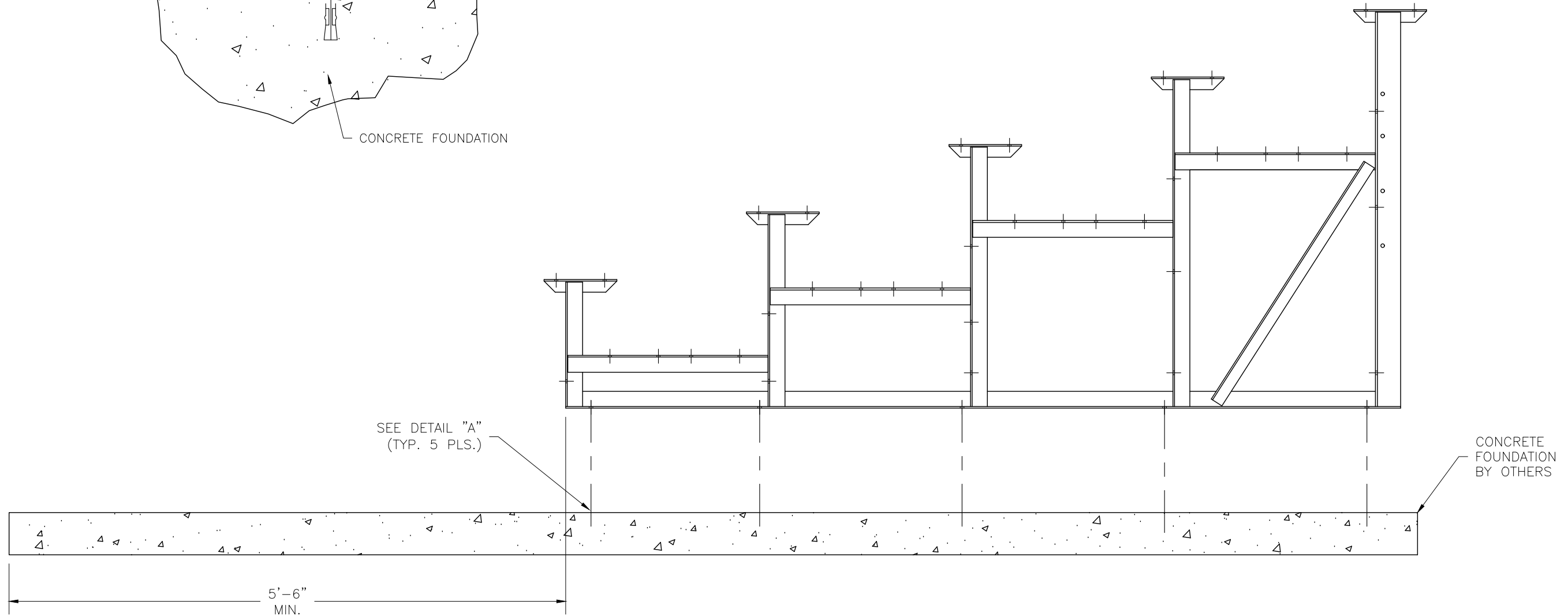
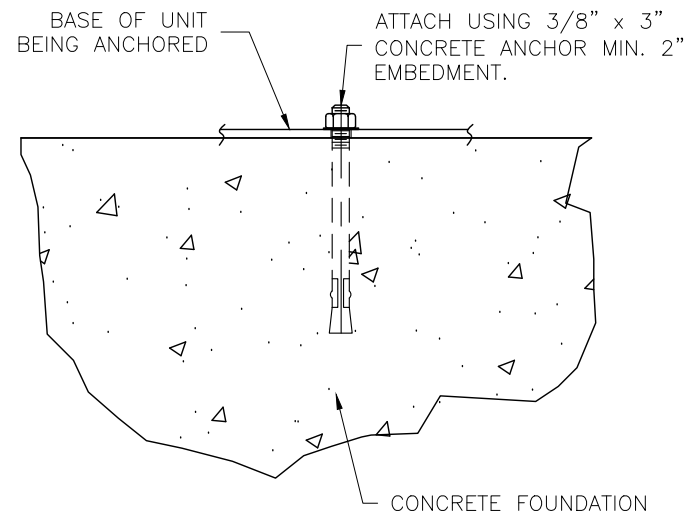


FOUNDATION PLAN  
5 ROW BLEACHER  
WITH AISLE & HANDICAP SPACE

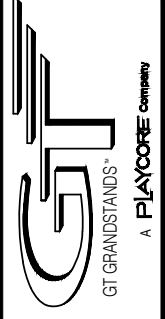
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DWG NO. FP.1

**DETAIL "A" - CONC. ANCHOR ATTACHMENT**



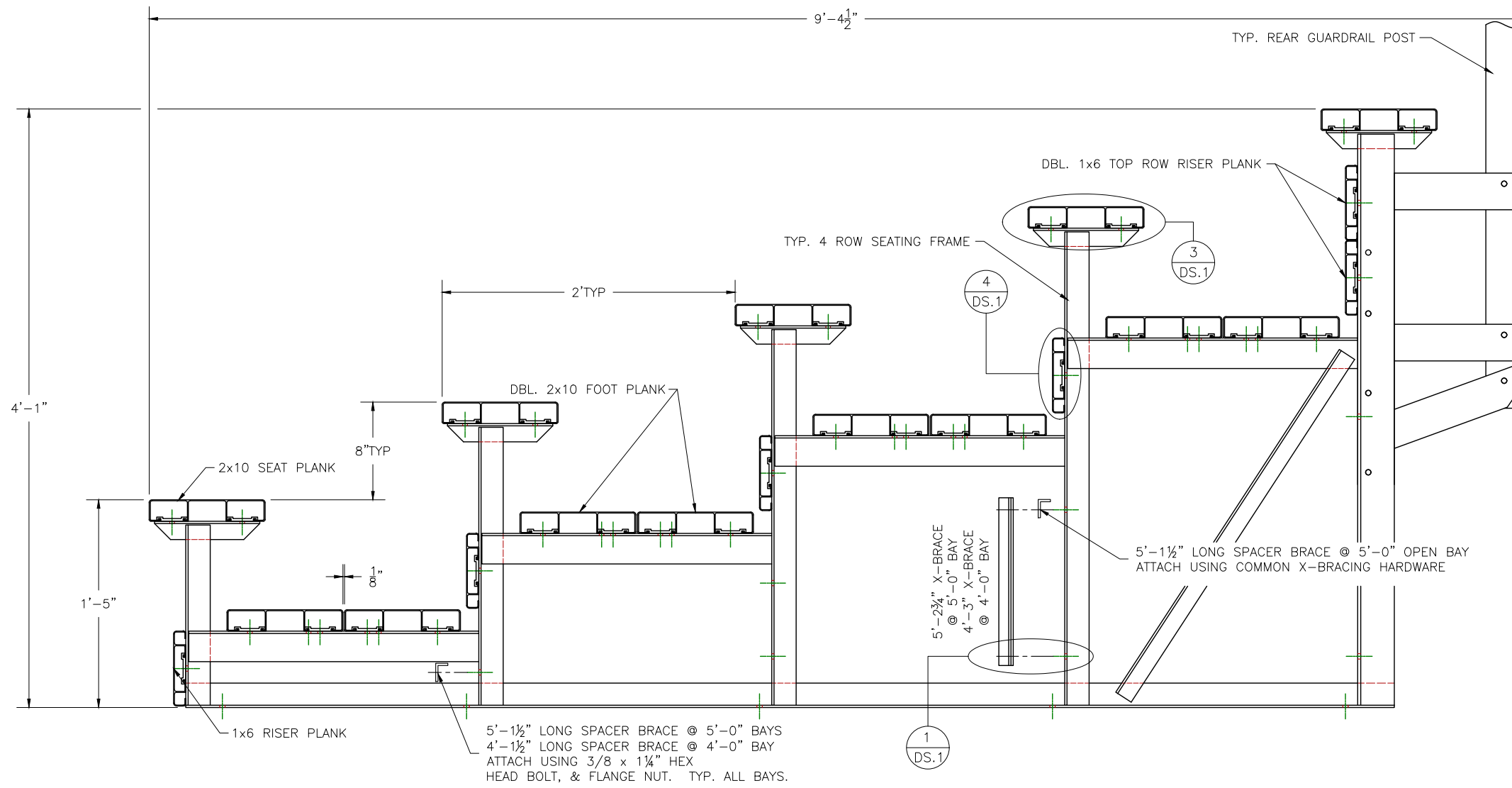
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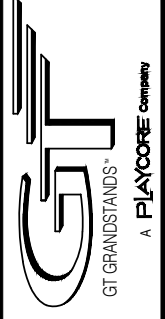
ANCHORING PLAN  
5 ROW BLEACHER  
WITH AISLE & HANDICAP SPACE

GS-0515ADC-EA-HC  
(LEFT SIDE AISLE)

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DWG NO. AP.1



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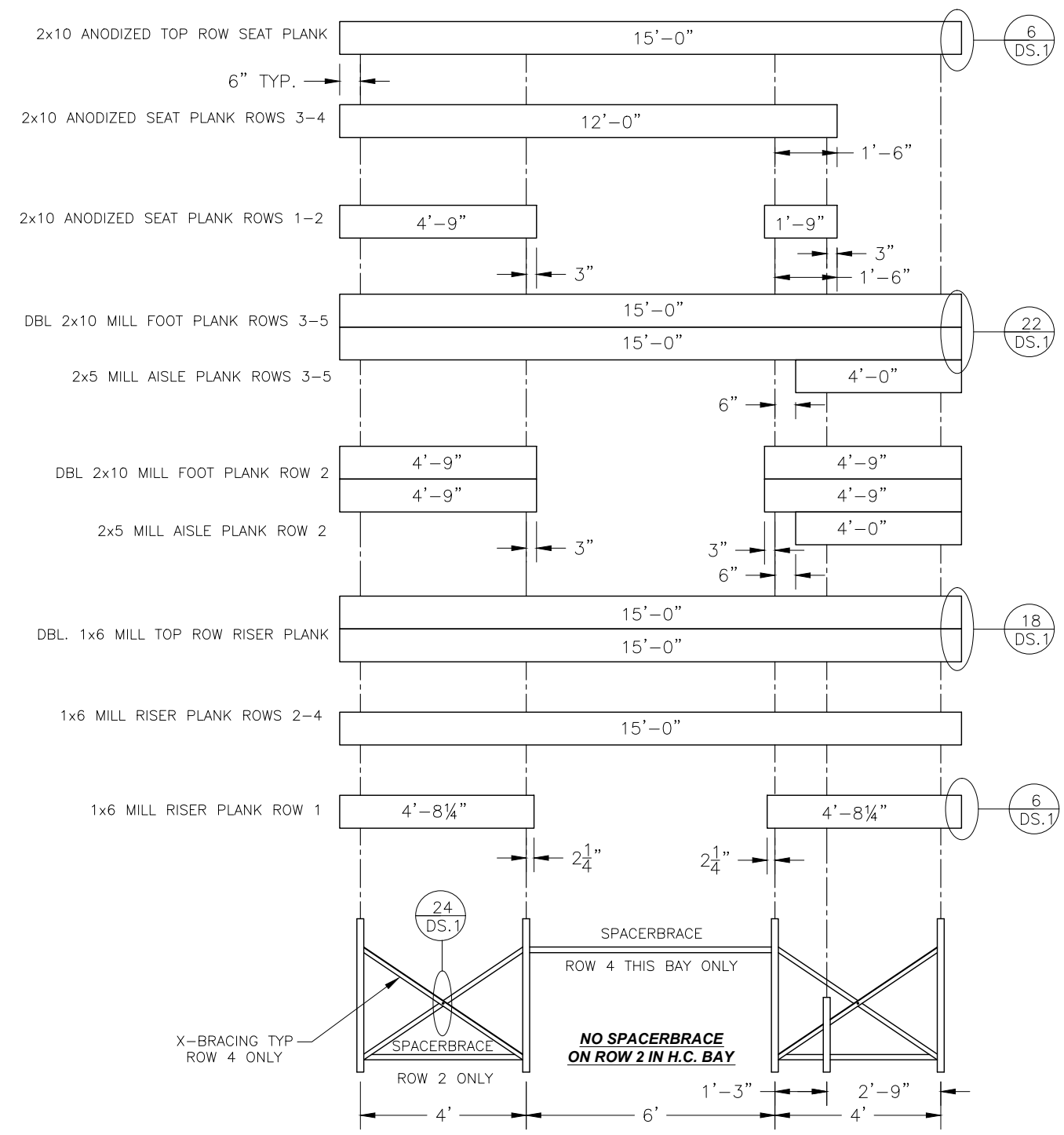


BLEACHER ASSEMBLY  
5 ROW BLEACHER  
WITH AISLE & HANDICAP SPACE

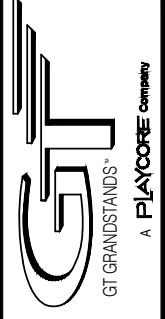
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(LEFT SIDE AISLE)

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DWG NO. BA.1

# PLANK PLAN



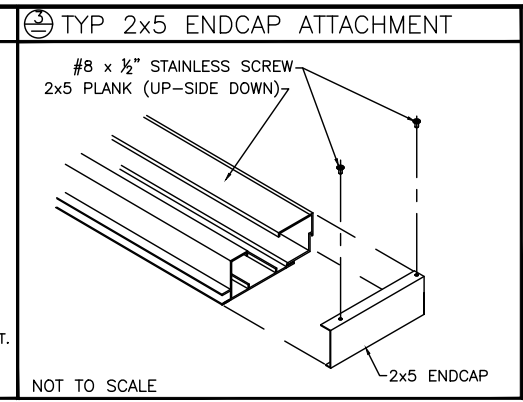
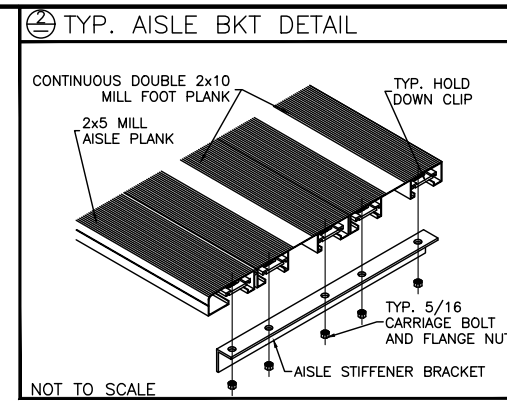
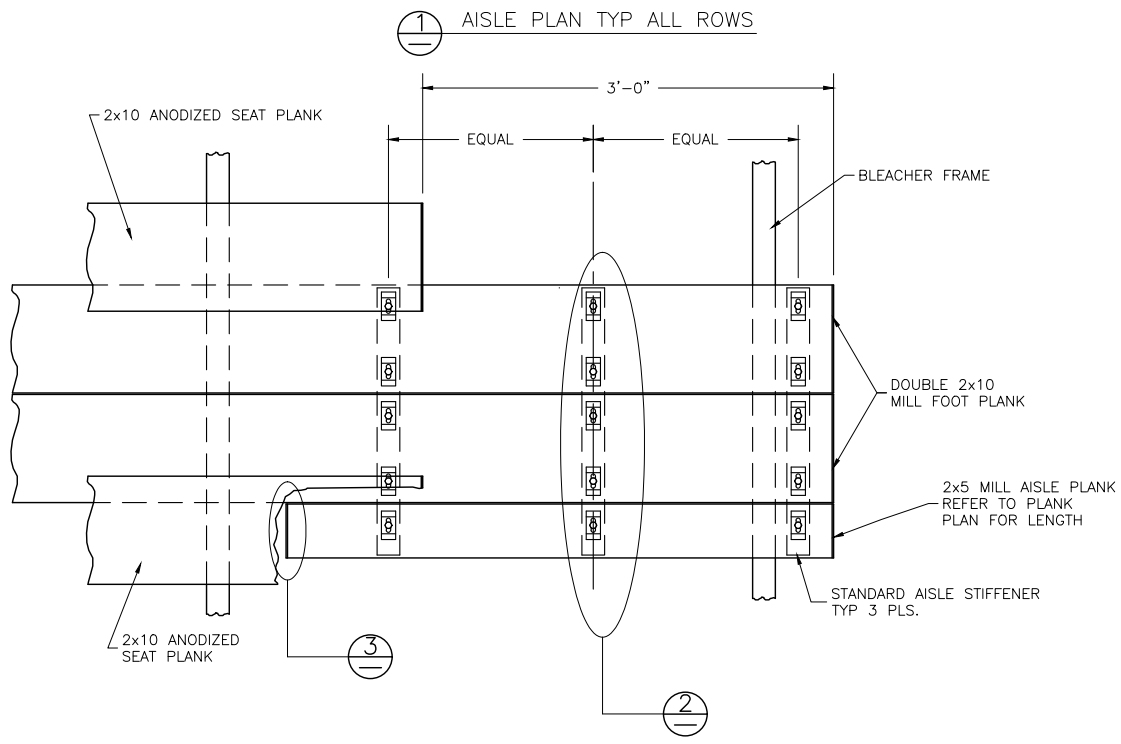
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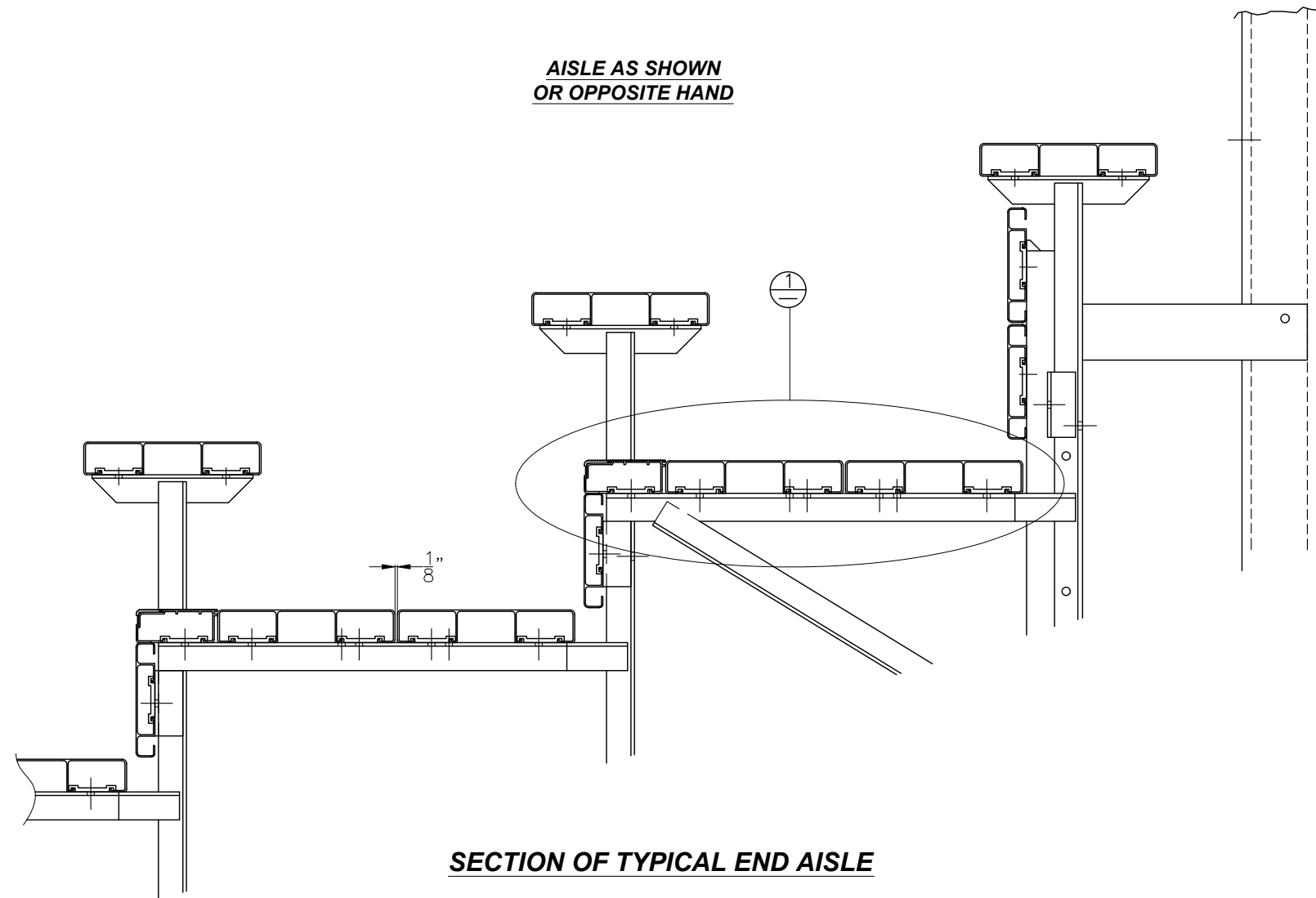
PLANK AND FRAMING PLAN  
 5 ROW BLEACHER  
 WITH AISLE & HANDICAP SPACE

GS-0515ADC-EA-HC  
 (LEFT SIDE AISLE)

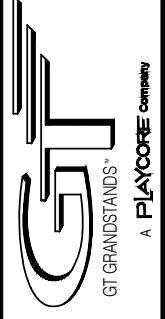
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**AISLE AS SHOWN  
OR OPPOSITE HAND**



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**VERTICAL AISLE ASSEMBLY  
5 ROW BLEACHER  
WITH AISLE & HANDICAP SPACE**

**GS-0515ADC-EA-HC  
(LEFT SIDE AISLE)**

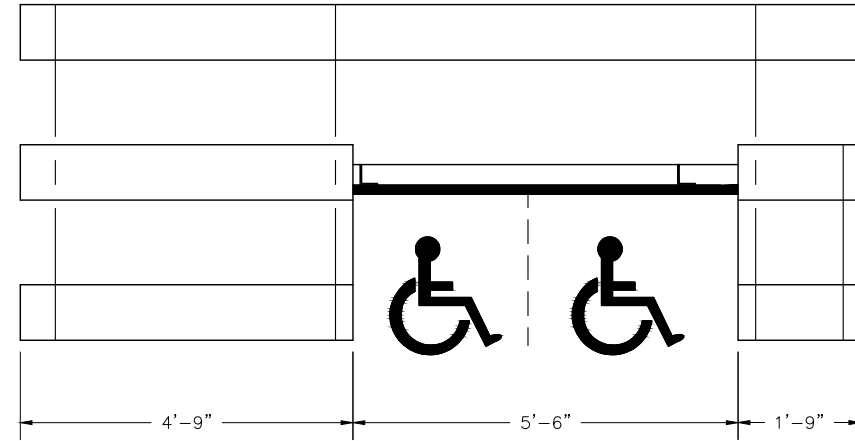
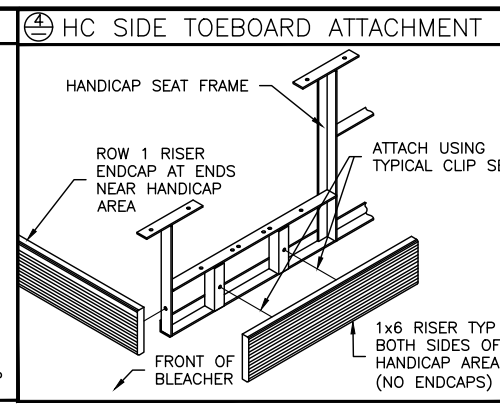
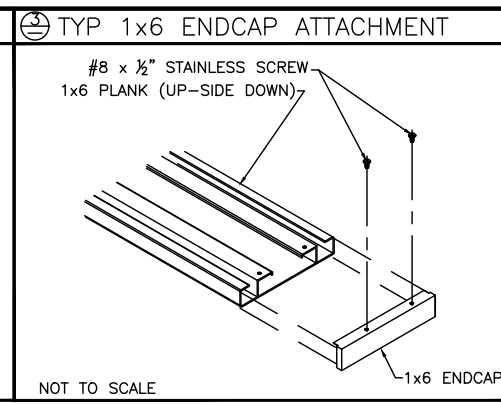
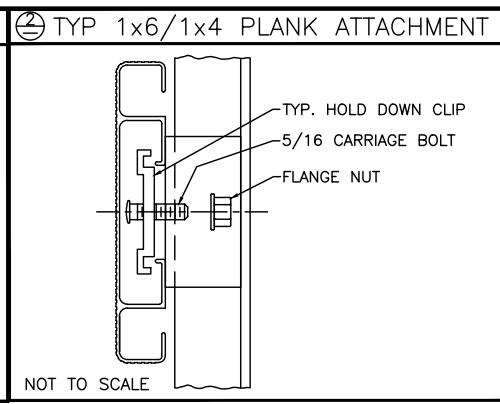
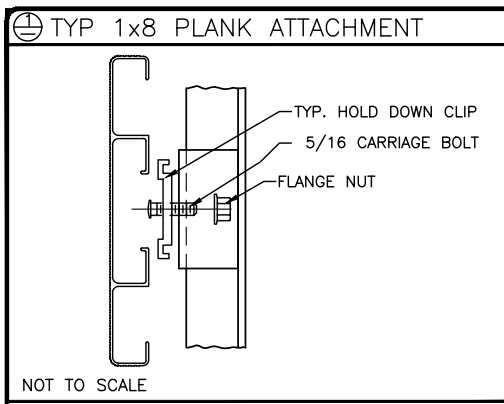
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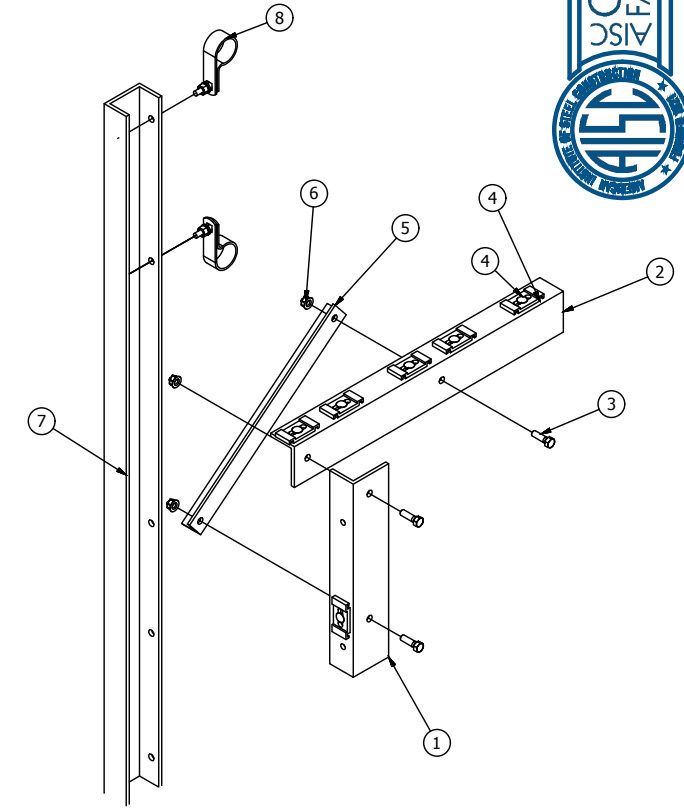
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DWG NO.  
VA.1

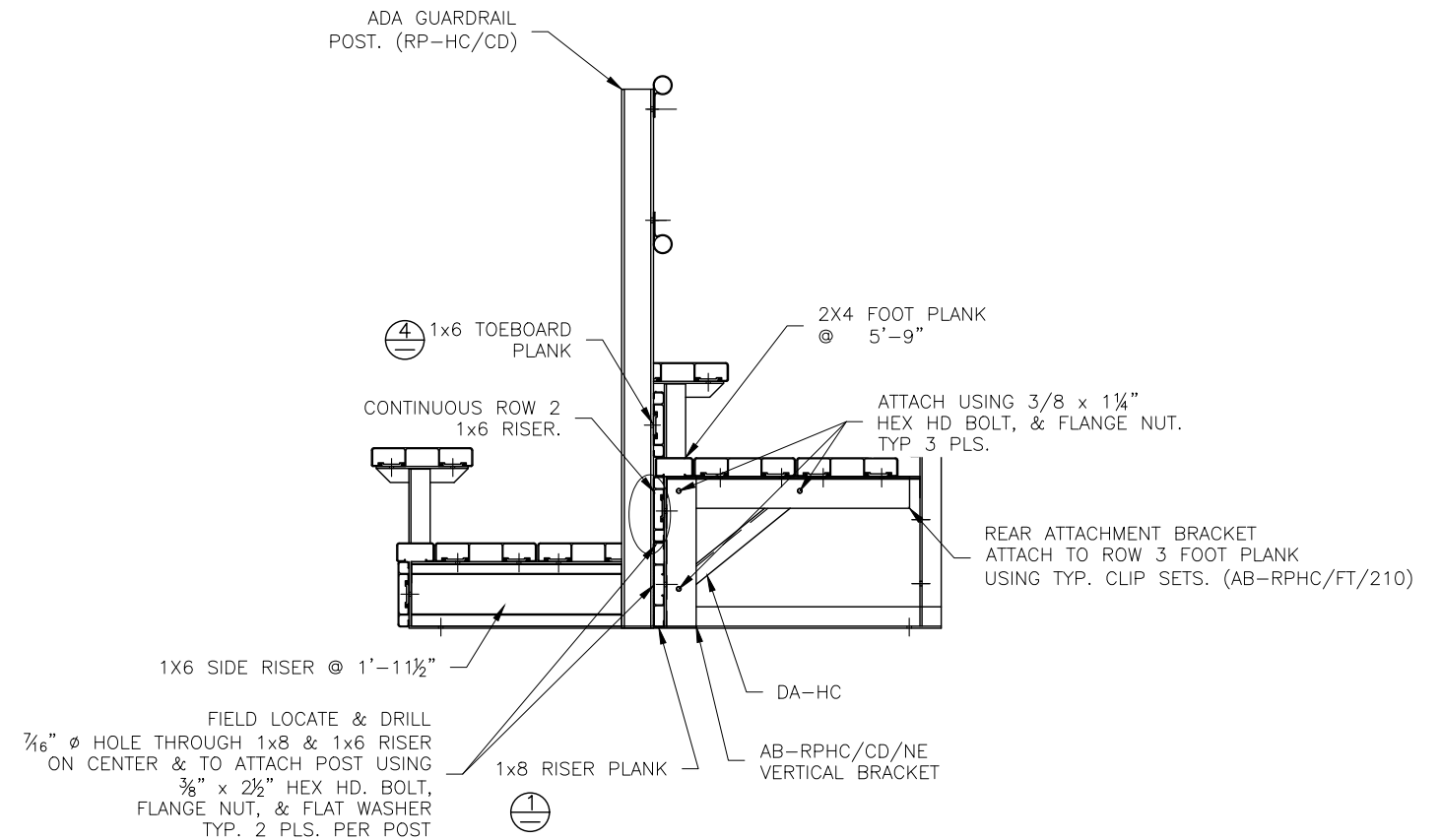
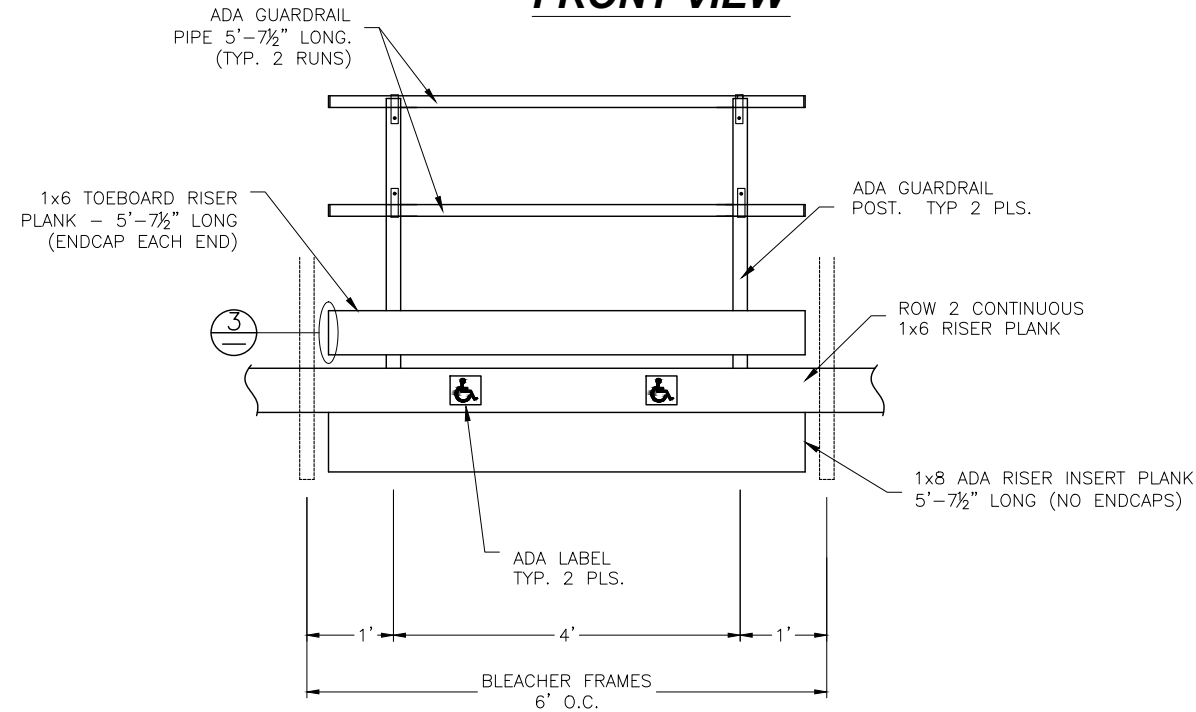




No.	PART NUMBER	SIZE	DESCRIPTION	LENGTH	QTY
1	AB-RPHC_CD_NE	L 2" X 3" X 1/4"	HANDICAP RAIL POST VERT NE CLOSED DECK	14 3/16"	1
2	AB-RPHC_FT_210	L 2" X 3" X 1/4"	HANDICAP GUARDRAIL HORIZ UPPER ATTACH ARM	22 13/16"	1
3	BLTHH12108G		3/8" x 1 1/4" Hex Head Bolt		3
4	CL-STD_WH		HOLD DOWN CLIP W/HW		6
5	DA-HC	L 1 1/2" X 1 1/2" X 3/16"	HANDICAP GUARDRAIL DIAGONAL BRACE	15 7/8"	1
6	NUTF12G		3/8" Flange Nut		3
7	RP-HC_CD	U 3" X 1 7/8" X 1/4"	INSIDE VERTICAL POST FOR ELEV. HC INSERT	50 5/8"	1
8	TBANDHD_WH		TENSION BAND W/HARDWARE		2



**FRONT VIEW**



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A PLAYCORE COMPANY

WHEELCHAIR ACCESS INSERT  
5 ROW BLEACHER  
WITH AISLE & HANDICAP SPACE

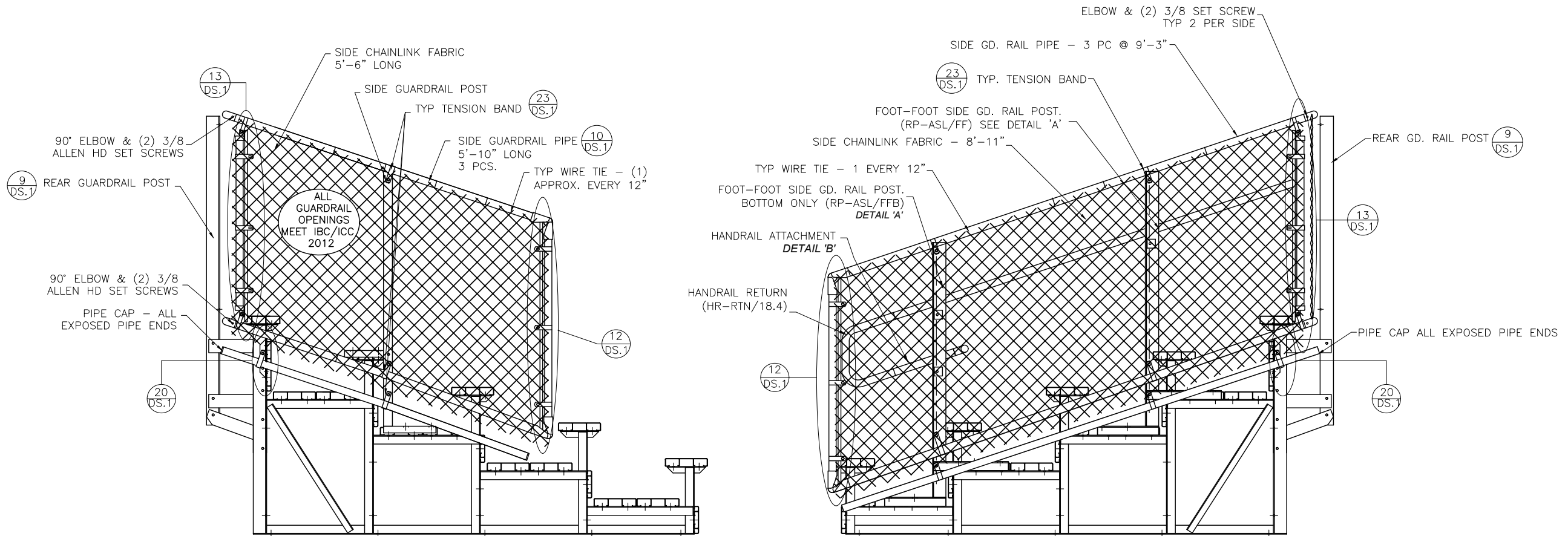
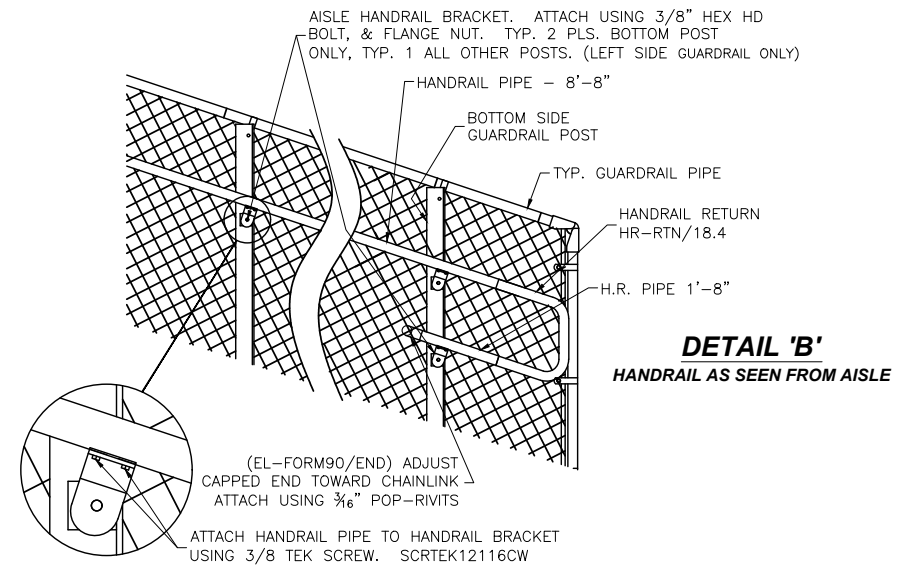
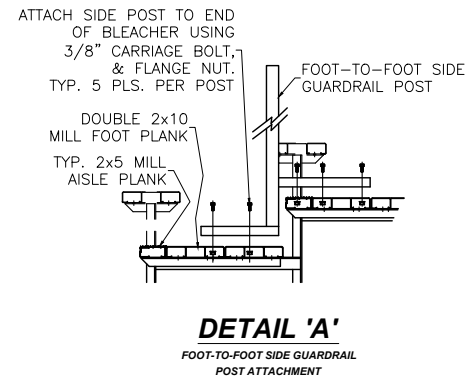
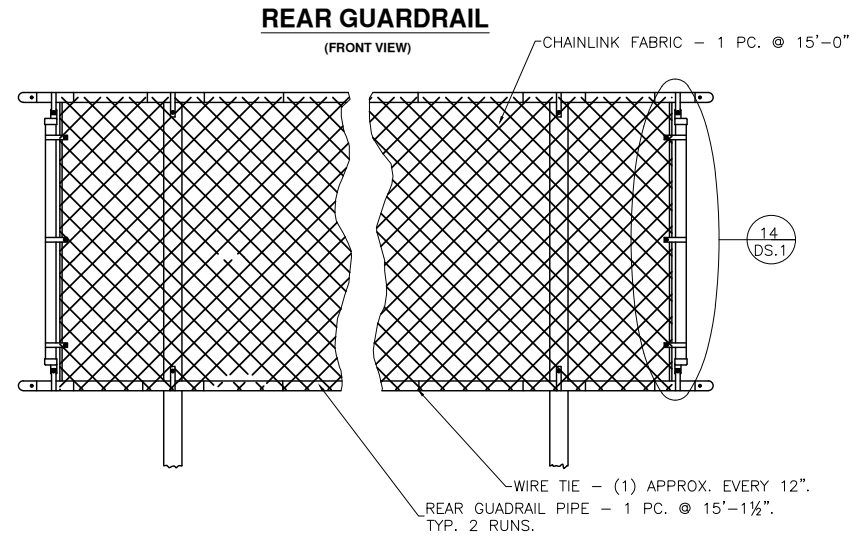
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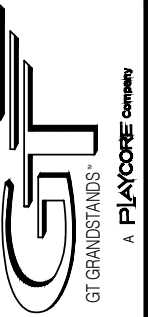
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WC.1



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GUARDRAIL ASSEMBLY  
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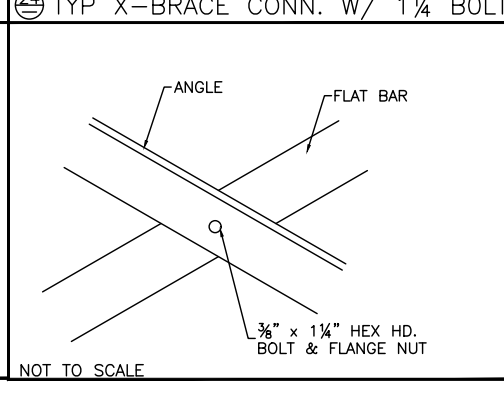
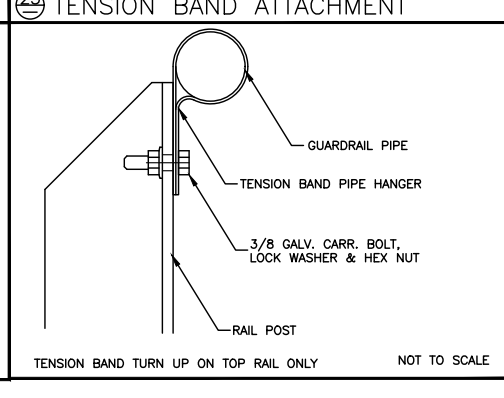
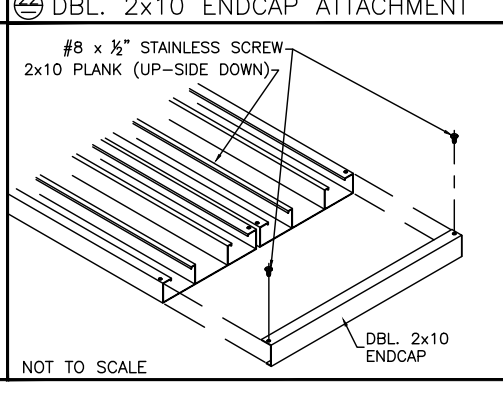
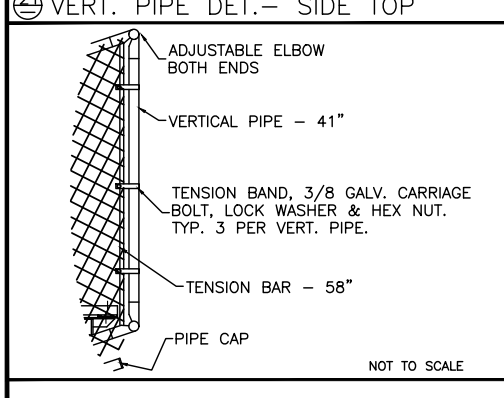
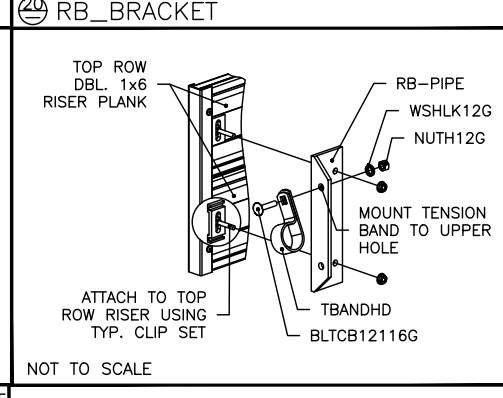
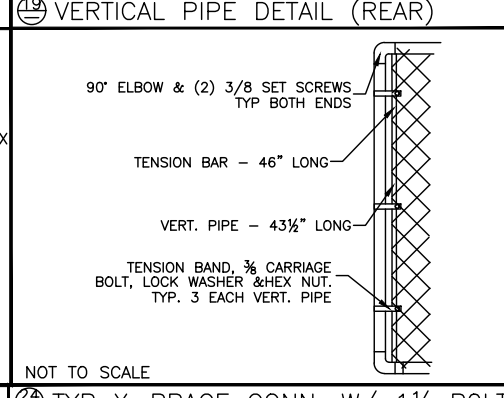
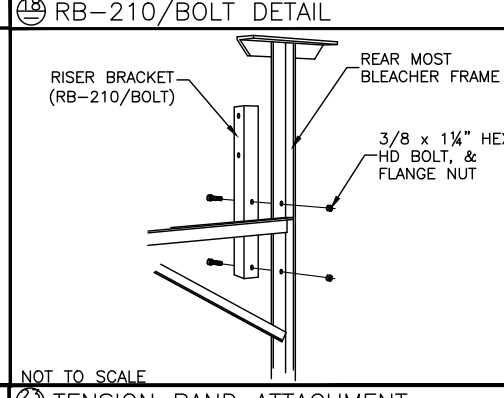
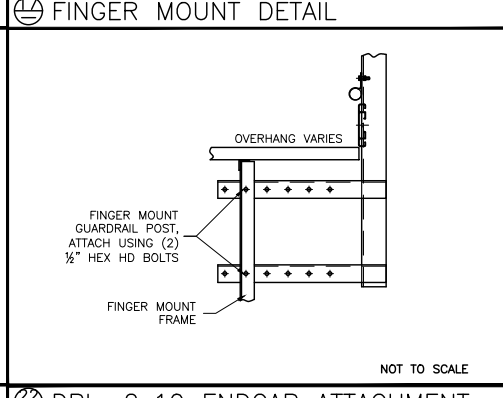
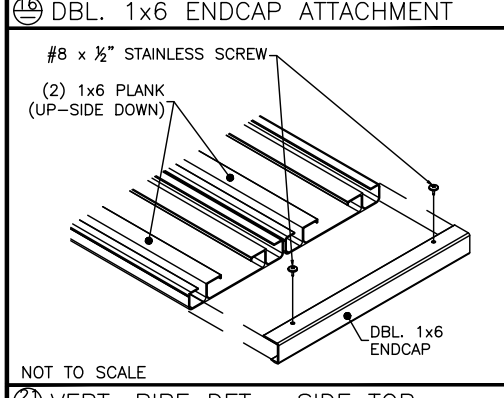
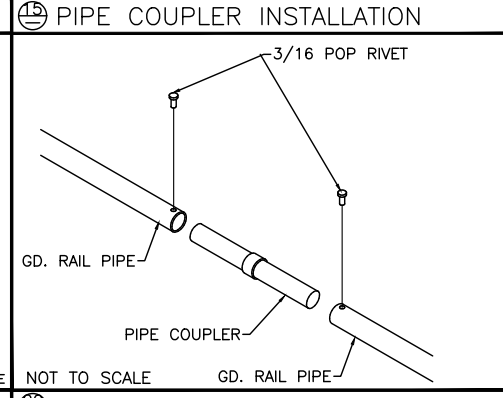
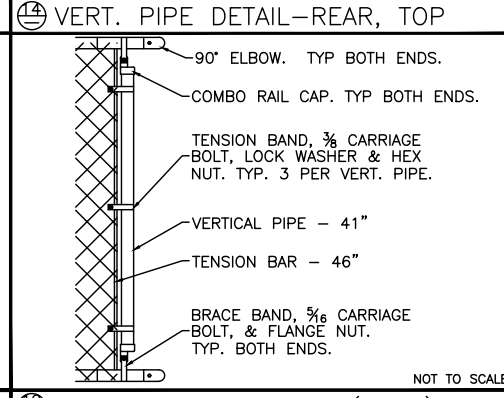
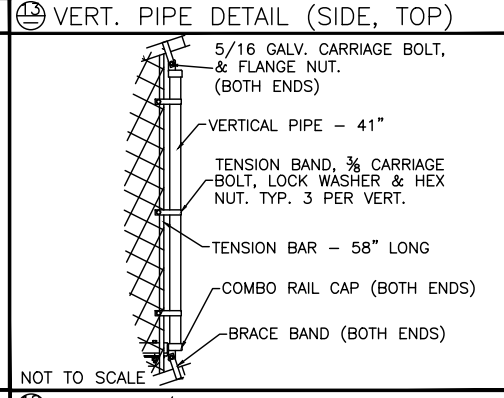
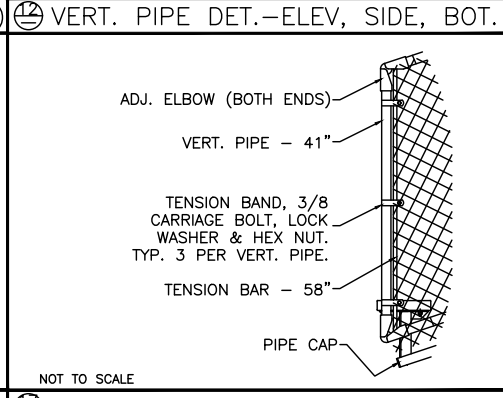
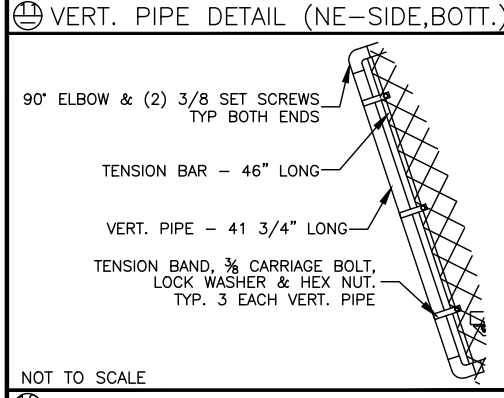
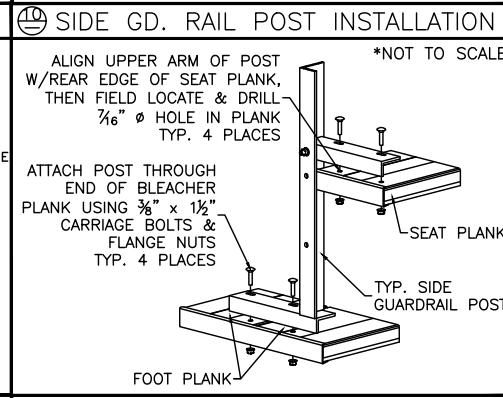
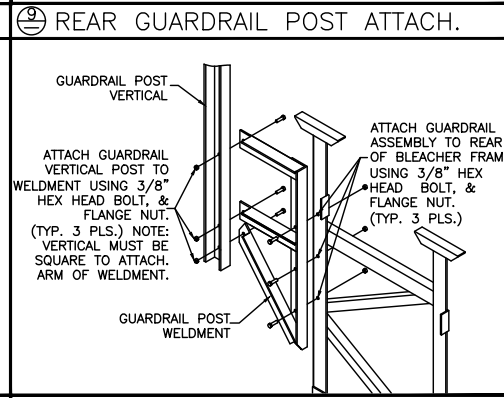
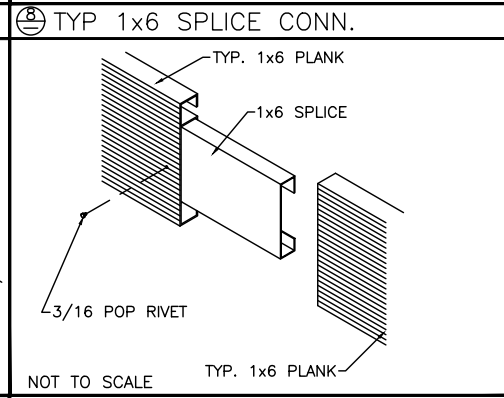
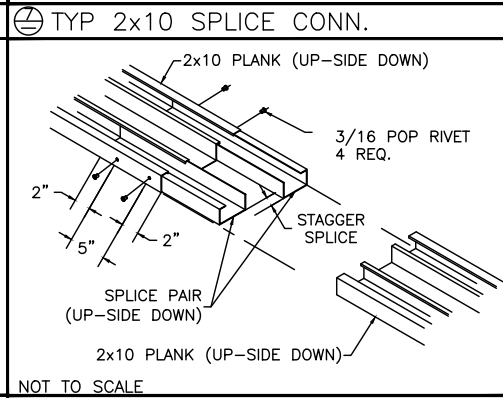
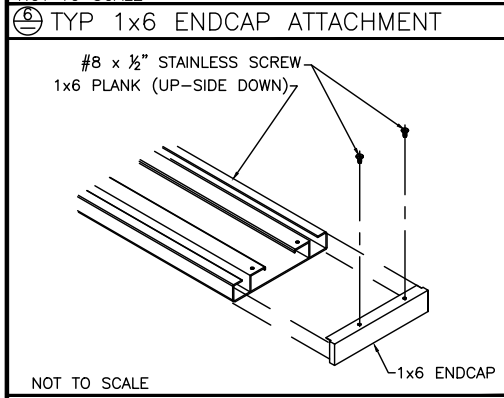
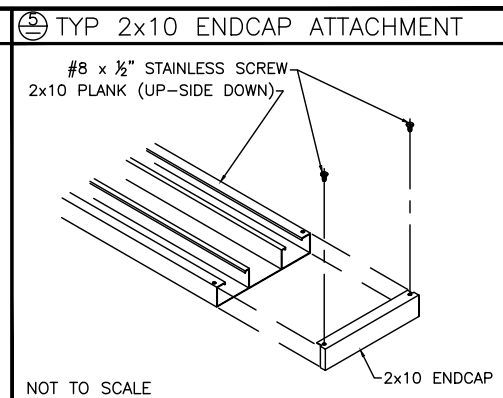
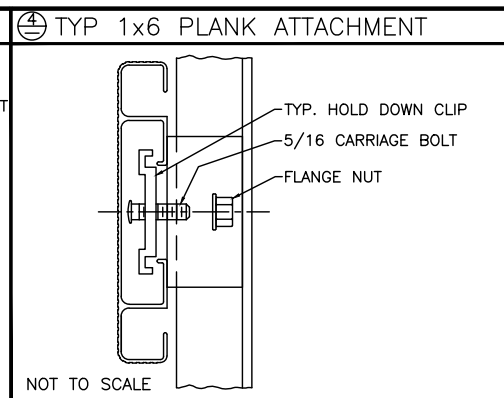
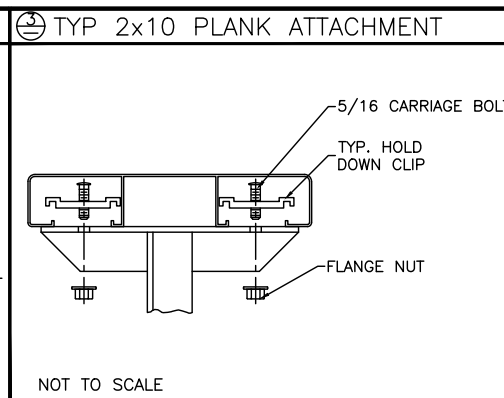
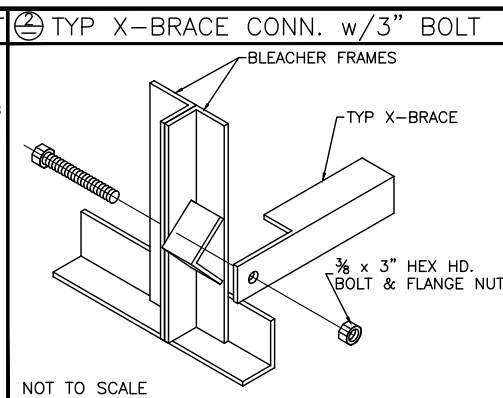
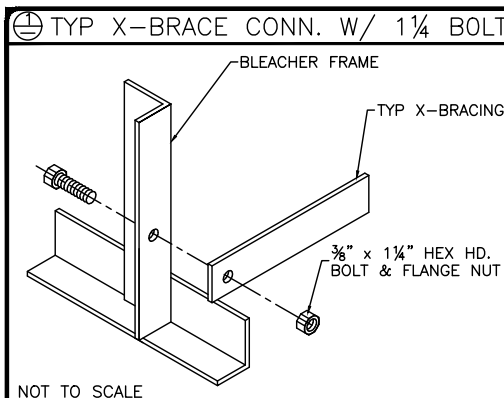
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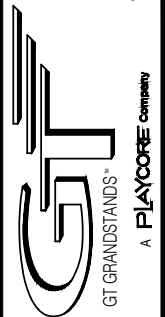
DATE  
12/01/2016  
SCALE

JOB NO.  
GS-0515ADC-EA-HC

DWG NO.  
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