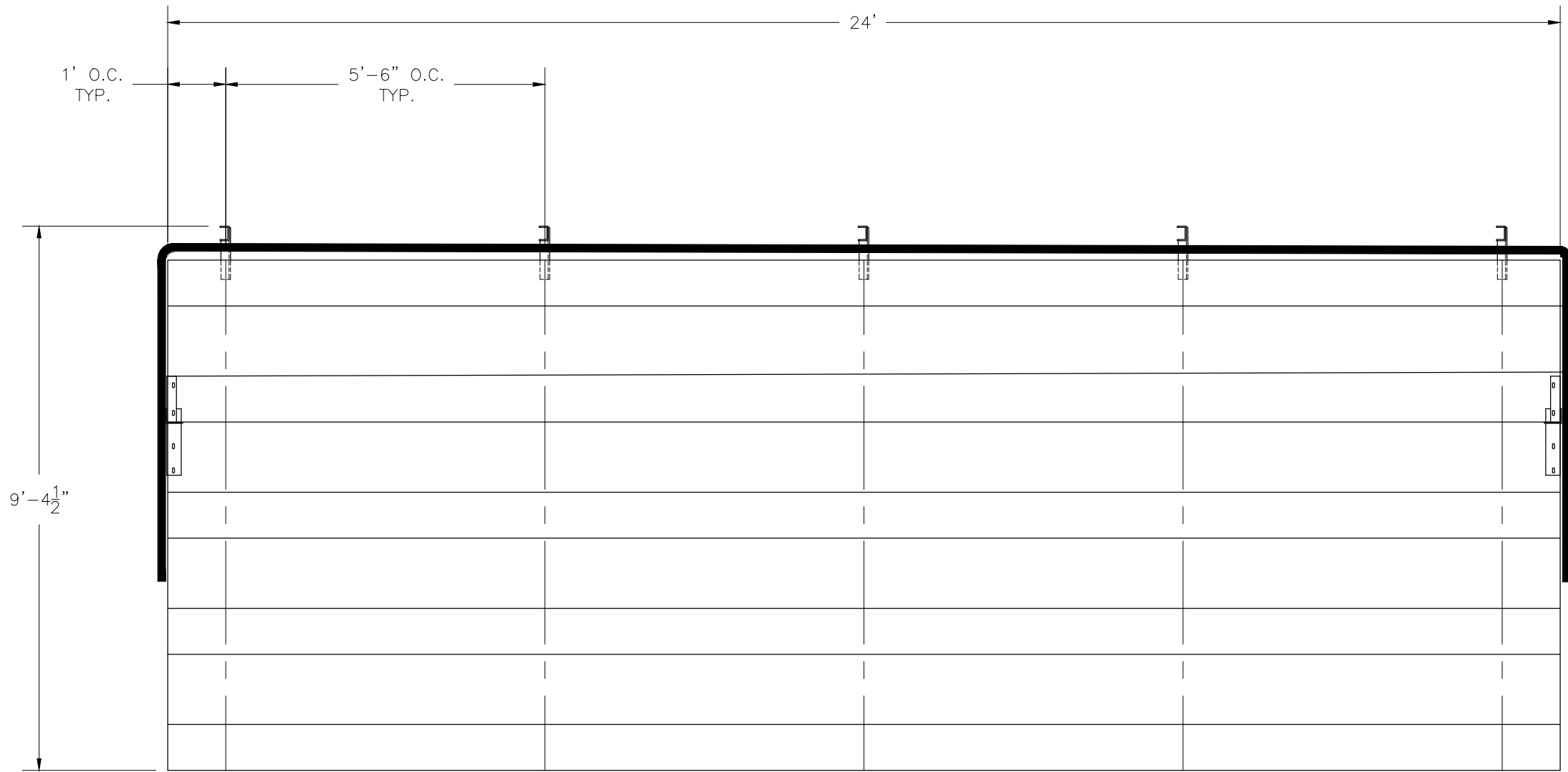




5 Row Aluminum Bleachers - Baseline Series

Item No: 569-1304
Bleacher Length: 24'

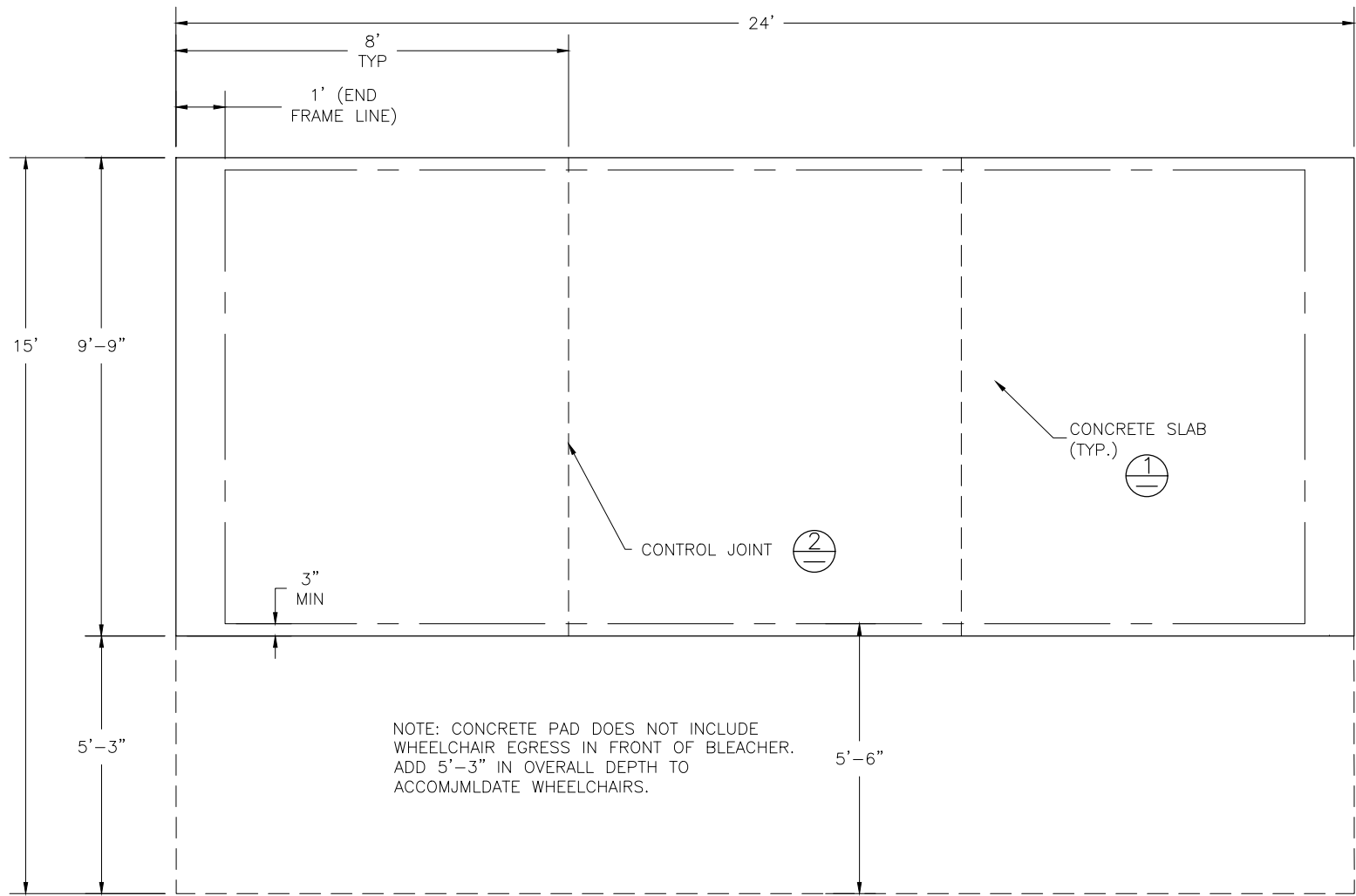
CS.1	– COVER SHEET
TD.1	– BLEACHER SEATING PLAN
FP.1	– FOUNDATION PLAN
BA.1	– BLEACHER FRAMING & CLIP PRE-ASSEMBLY
BA.2	– BLEACHER BRACING LOCATION PLAN
BA.3	– BLEACHER ASSEMBLY
AP.1	– ANCHORING PLAN
PF.1	– PLANK & FRAMING PLAN
GR.1	– GUARDRAIL ASSEMBLY



SECTION	GROSS LENGTH	ACTUAL SEATS	NO. OF SEATS	ROWS	NET SEATS
	24	16.00	16.00	5	80
				NET SEATS	80
				WHEELCHAIR SPACES	0
				TOTAL NET SEATING CAPACITY	80
				(BASED ON 18" PER SEAT)	

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SCALE: N.T.S.	APPROVED BY: / /	DRAWN BY:
DATE:		
TITLE: Bleacher Seating Plan		
BLEACHER MODEL #:		DRAWING NUMBER: TD.1



CONCRETE FOUNDATION SPECIFICATIONS

SCOPE:

Foundation construction is not part of The Park Catalog's 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 The Park Catalog.

FOUNDATION DESIGN & ANCHORS:

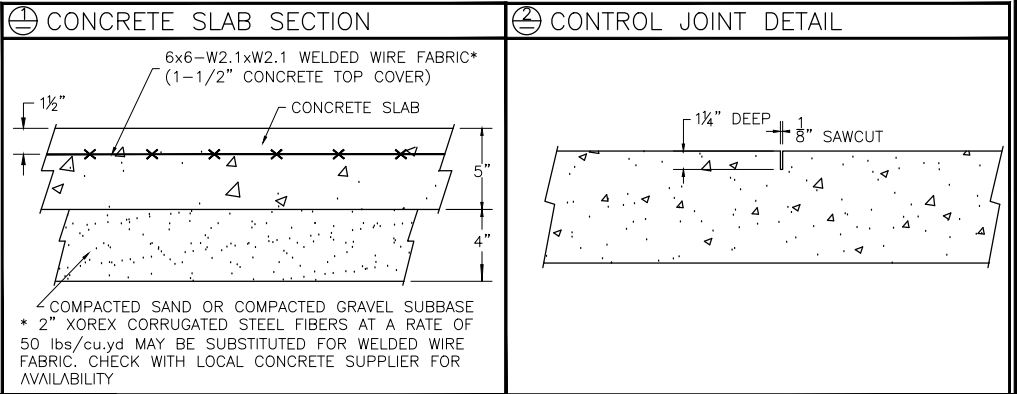
- The foundation designs are based on the following:
 - Minimum presumed soil bearing 1000 psf.
 - Bleacher frame dead and live load 700 lbs./ft.
 - Bleacher frame wind uplift load 250 lbs./ft.
- Unless otherwise noted on the drawings the bleacher frames shall be attached to the concrete with 3/8" dia.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

CONCRETE SPECIFICATIONS:

- All concrete construction shall be in accordance with *ACI 318-08*.
- All concrete shall have a minimum 28-day strength of $F_c=3000$ psi.
- A 1/4" bituminous expansion joint material shall be placed between strip and slab foundations when adjacent to each other.
- 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:

- Concrete slab shall have a minimum thickness of 5" (The Park Catalog recommends, and some areas may require 6" thickness) and placed on 4" of compacted gravel or compacted sand sub-base.
- The Park Catalog 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.
- 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 The Park Catalog to coordinate joint spacing requirements with the specific bleacher design.
- 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".

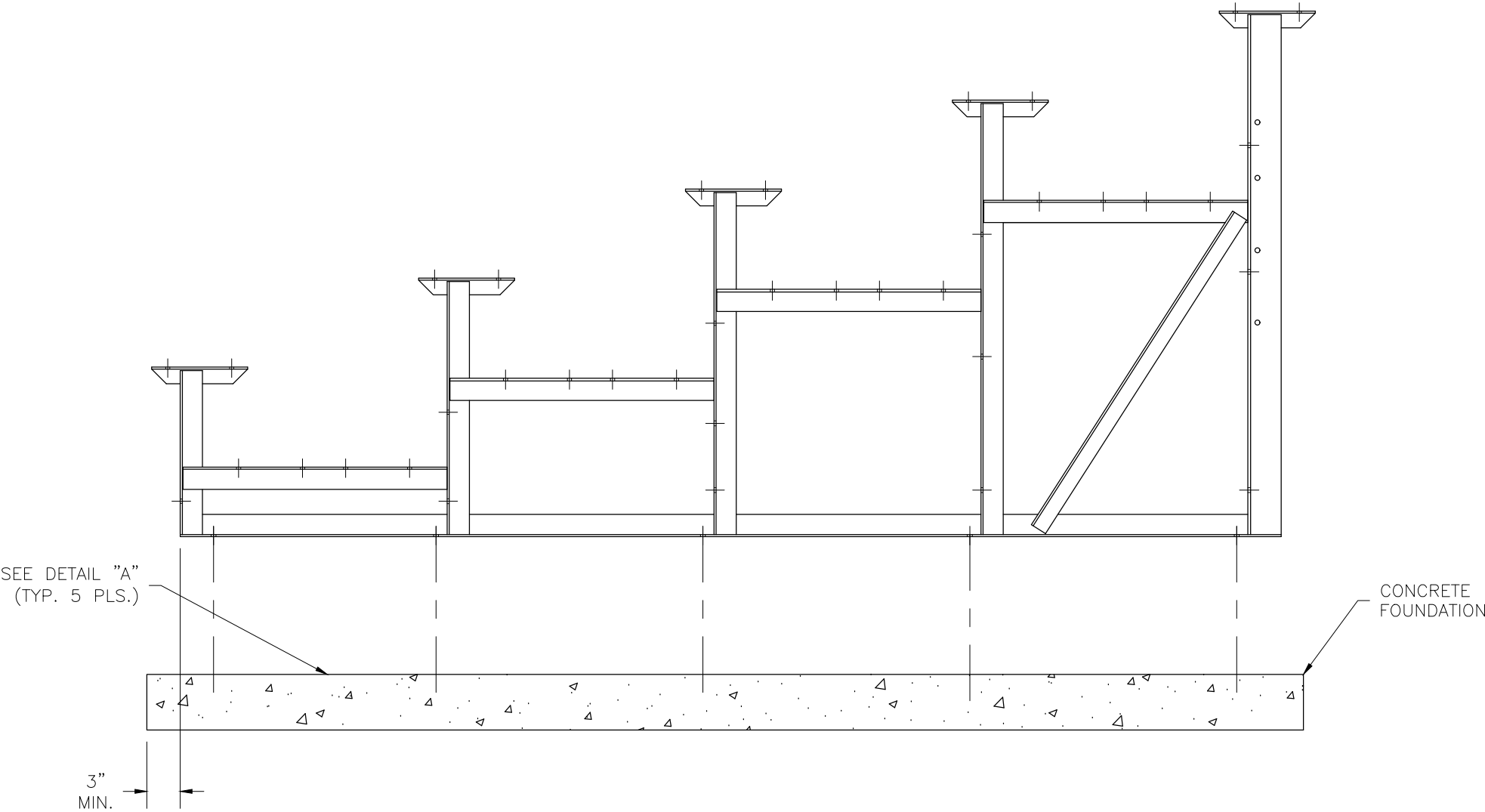
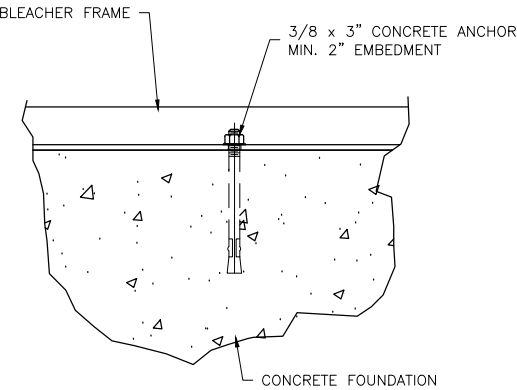


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SCALE: N.T.S.	APPROVED BY:	DRAWN BY:
DATE:	/ /	
TITLE: Foundation Plan		
BLEACHER MODEL #:		DRAWING NUMBER: TD.1

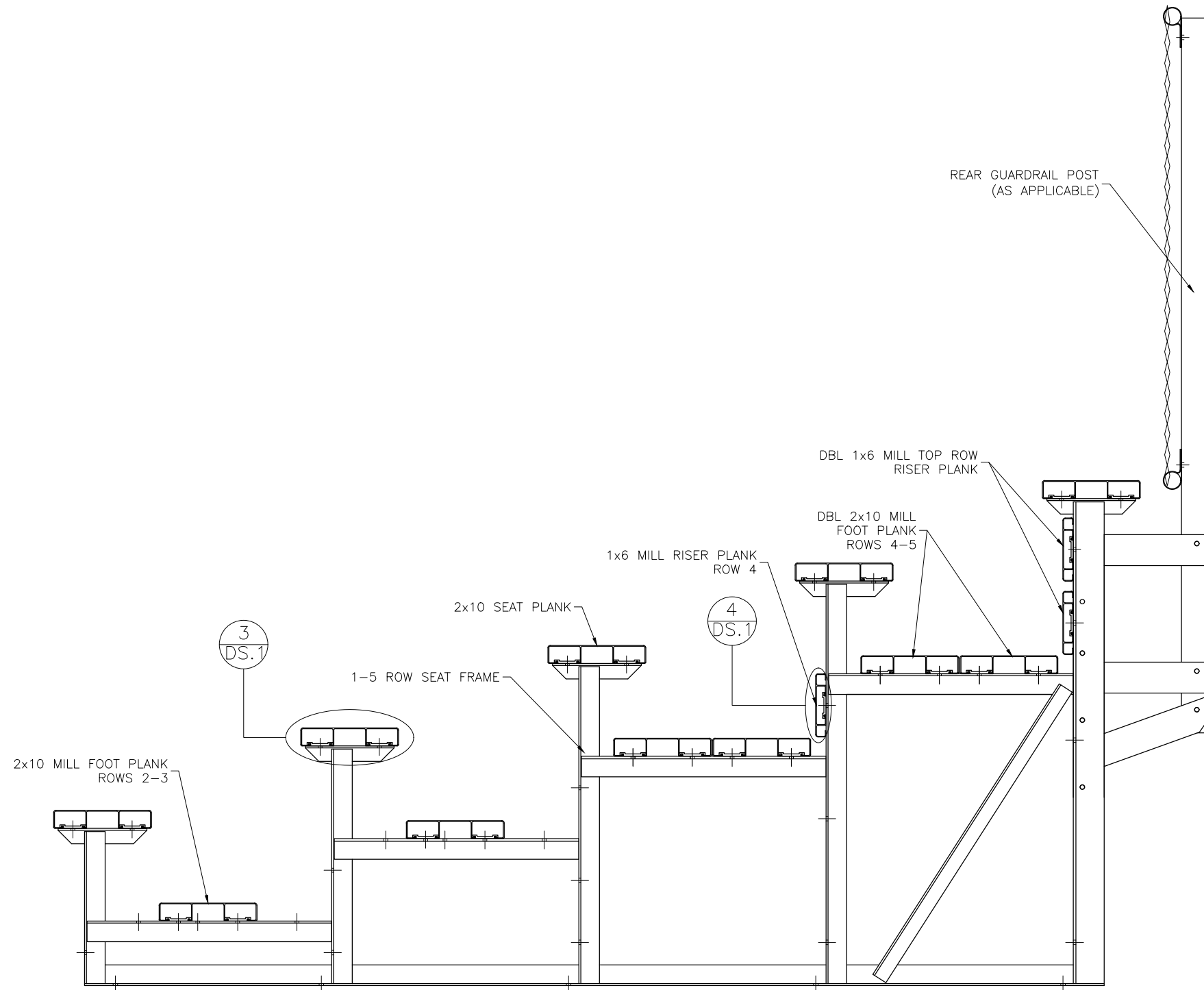
DETAIL "A" - CONC. ANCHOR ATTACHMENT

DETAIL "A" - CONCRETE ANCHOR ATTACHMENT



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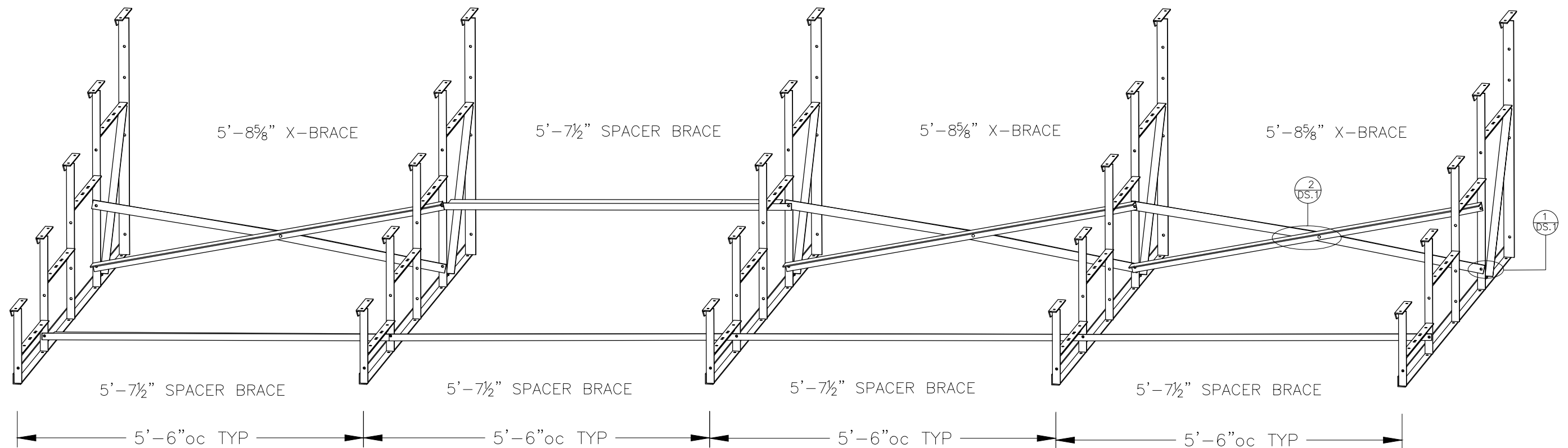
SCALE: N.T.S.	APPROVED BY: / /	DRAWN BY:
DATE:		
TITLE: Bleacher Framing and Cup Pre-Assembly		
BLEACHER MODEL #:		DRAWING NUMBER: TD.1



*REFER TO BR.1 FOR BRACING LOCATION AND SIZE

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SCALE: N.T.S.	APPROVED BY: / /	DRAWN BY:
DATE:		
TITLE: Bleacher Bracing Location Plan		
BLEACHER MODEL #:	DRAWING NUMBER:	TD.1



PRE-ASSEMBLE X-BRACE SETS. EACH SET CONSISTS OF ONE FLAT BAR AND ONE ANGLE. ONCE ASSEMBLED, THEY WILL BECOME AN "X". THEY BOLT TOGETHER WITH A $\frac{3}{8}$ " X $1 \frac{1}{4}$ " HEX HEAD BOLT AND FLANGE NUT THRU THE CENTER HOLE. (SEE DETAIL 2 ON DETAIL SHEET)

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SCALE: N.T.S.
DATE:

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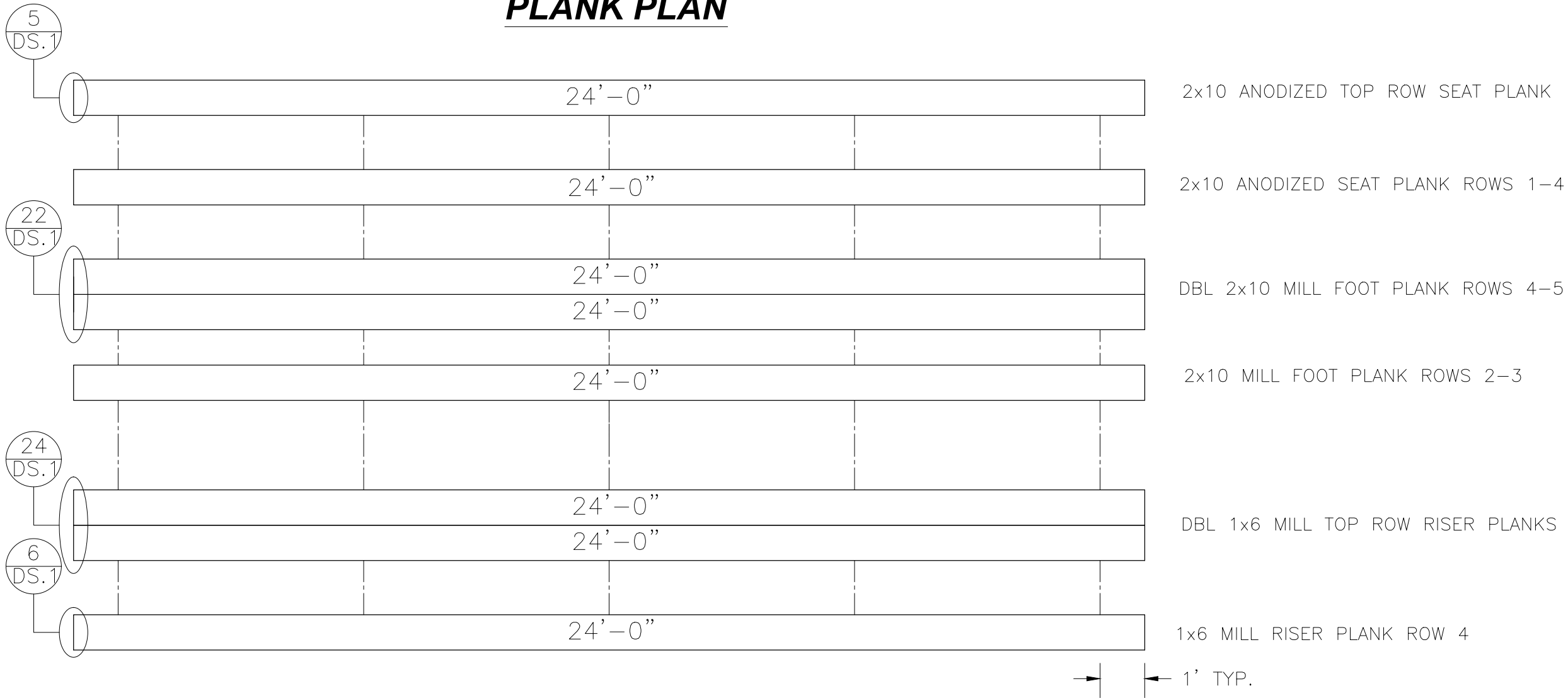
TITLE: **Bleacher Assembly**

BLEACHER MODEL #:

DRAWING NUMBER:

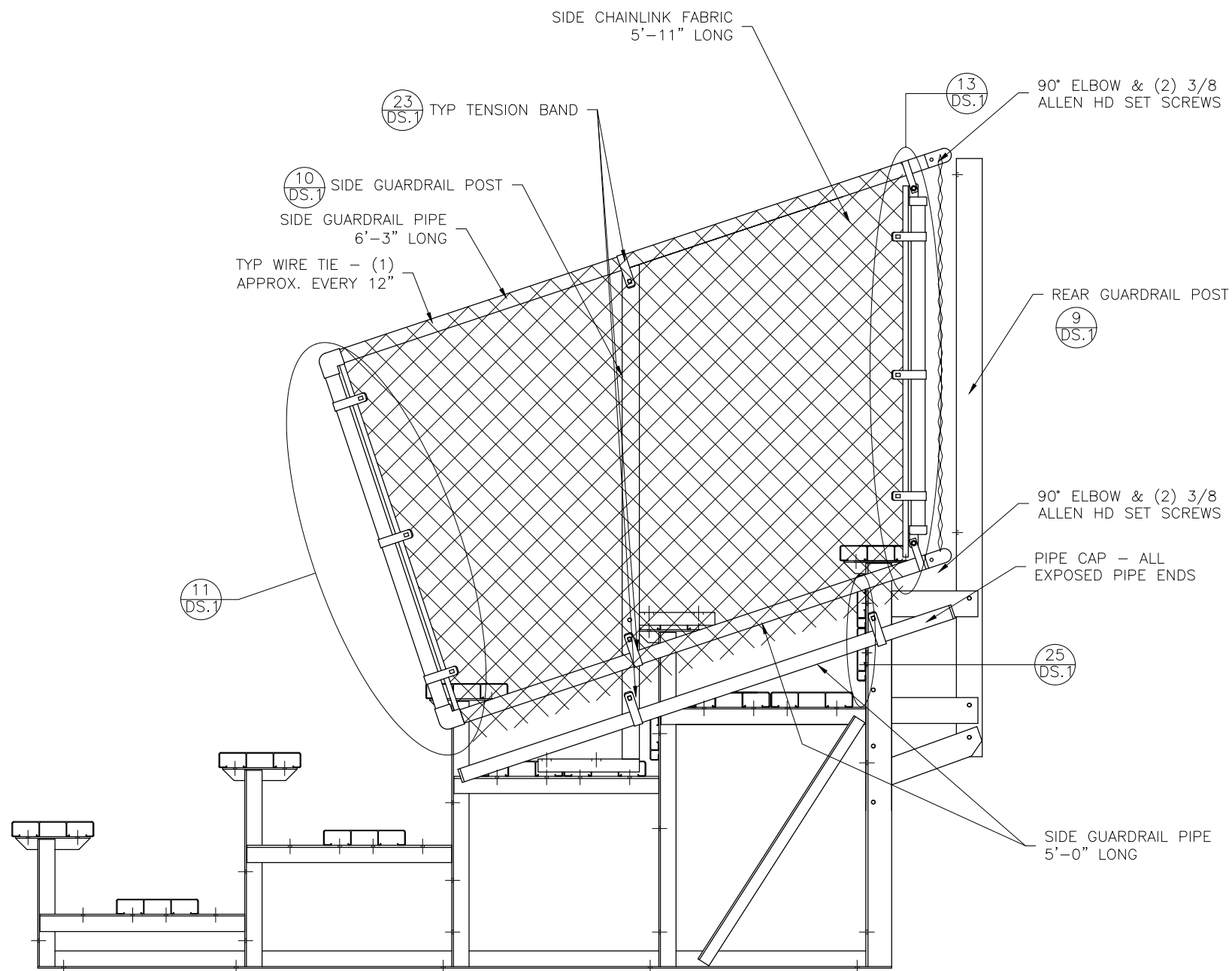
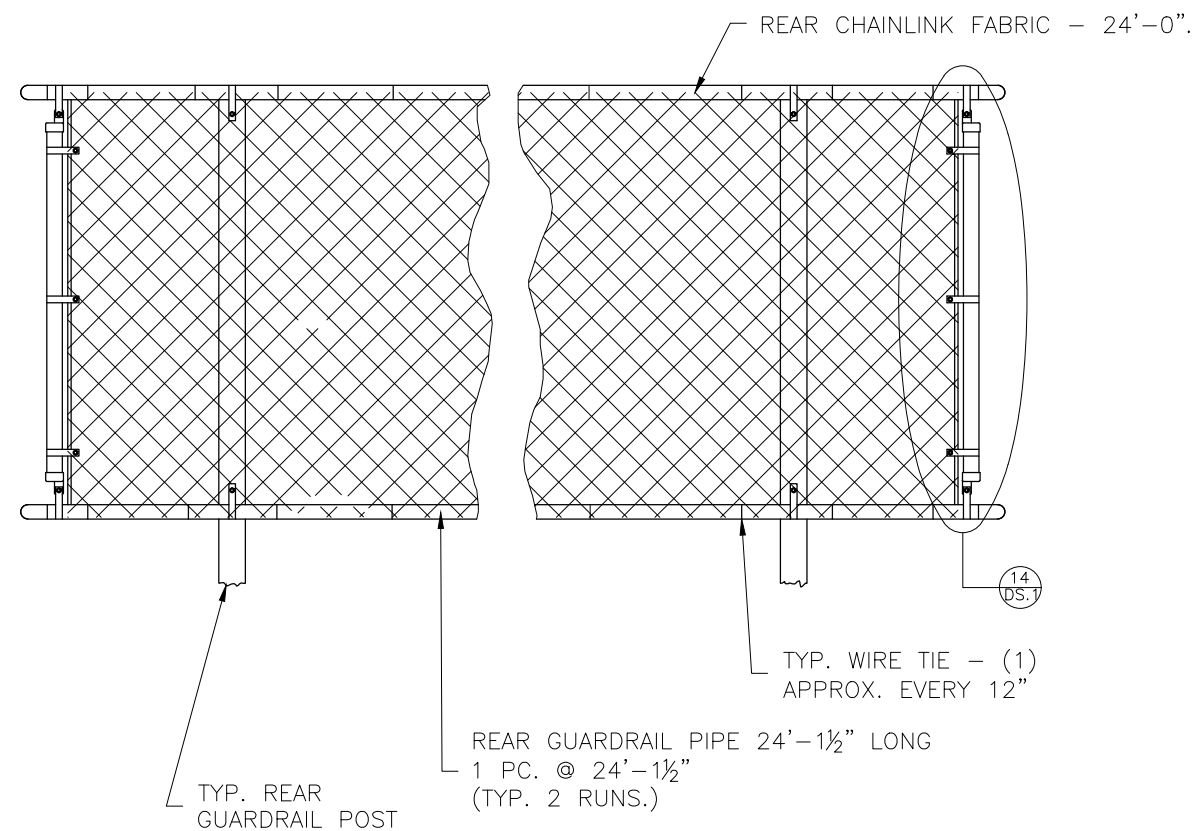
TD.1

PLANK PLAN



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SCALE: N.T.S.	APPROVED BY: / /	DRAWN BY:
DATE:		
TITLE: Plank and Framing Plan		
BLEACHER MODEL #:	DRAWING NUMBER: TD.1	



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SCALE: N.T.S.

DATE:

TITLE:

BLEACHER MODEL #:

APPROVED BY:

/ /

DRAWN BY:

DRAWING NUMBER:

TD.1

