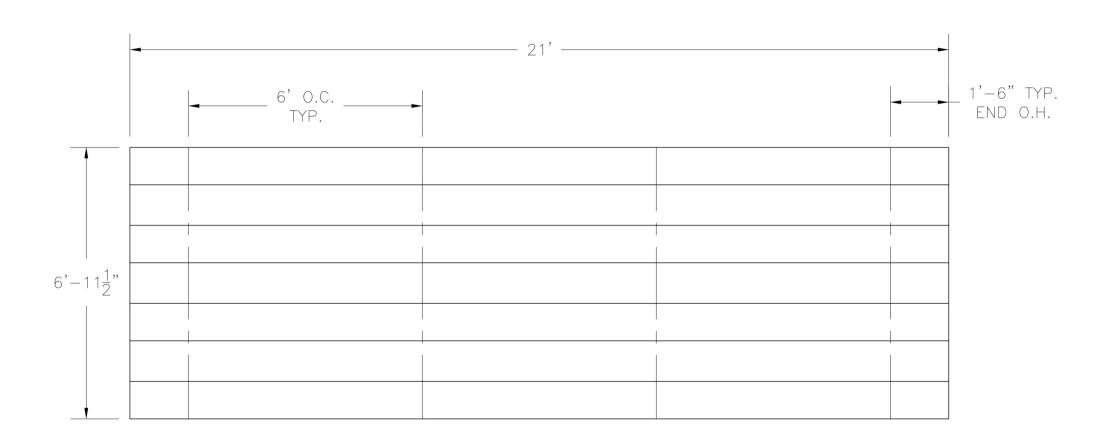
NON ELEVATED ALUMINUM 4 ROW 21'-0" BLEACHER

The Park and Facilities Catalog

220 Congress Park Dr. #215 Delray Beach, FL 33445

- CS.1 COVER SHEET
 TD.1 BLEACHER SEATING PLAN
 FP.1 FOUNDATION PLAN
 AP.1 ANCHORING PLAN
- BA.1 BLEACHER ASSEMBLY
 PF.1 PLANK & FRAMING PLAN



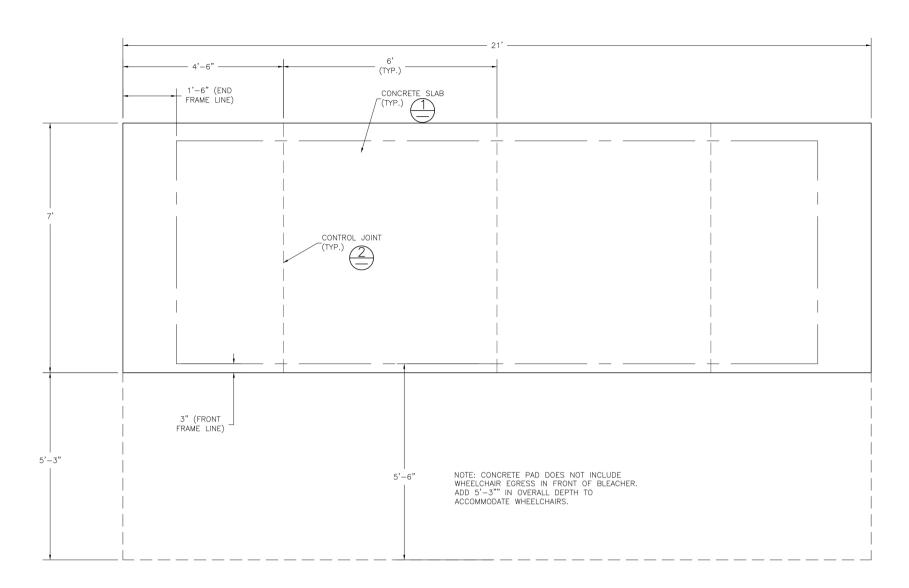
SECTION	TION GROSS ACTUAL NO. OF			NET						
LENGTH	SEATS	SEATS	ROWS	SEATS						
21	14.00	14.00	4	56						
	56									
	0									
TOTAL N	56									
(BASED ON 18" PER SEAT)										

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SCALE: N.T.S. | APPROVED BY: | DRAWN BY: | JML |

TITLE: | NON ELEVATED 4 ROW x 21'-0"BLEACHER SEATING PLAN |

BLEACHER MODEL #: | DRAWING NUMBER: TO



CONCRETE FOUNDATION SPECIFICATIONS SCOPE:

Foundation construction is not part of The Park and Facilities Catalog (TPC) 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 TPC.

FOUNDATION DESIGN & ANCHORS:

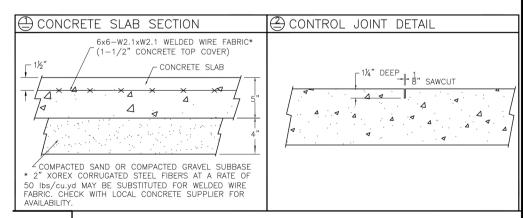
- 1) The foundation designs are based on the following:
- a. Minimum presumed soil bearing 1000 psf.
- b. Bleacher frame dead and live load 700 lbs./ft.c. Bleacher frame wind uplift load 250 lbs./ft.
- 2) Unless otherwise noted on the drawings the bleacher frames shall be attached to the concrete with 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 Fc=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" (The TPC recommends, and some areas may require 6" thickness) and placed on 4" of compacted gravel or compacted sand sub-base.
- 2) The TPC recommends that the concrete slab be reinforced with 6x6-W2.1xW2.1 welded wire fabric at 1½" 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 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" aft Arallel to the seats (end to end) shall not exceed 4".



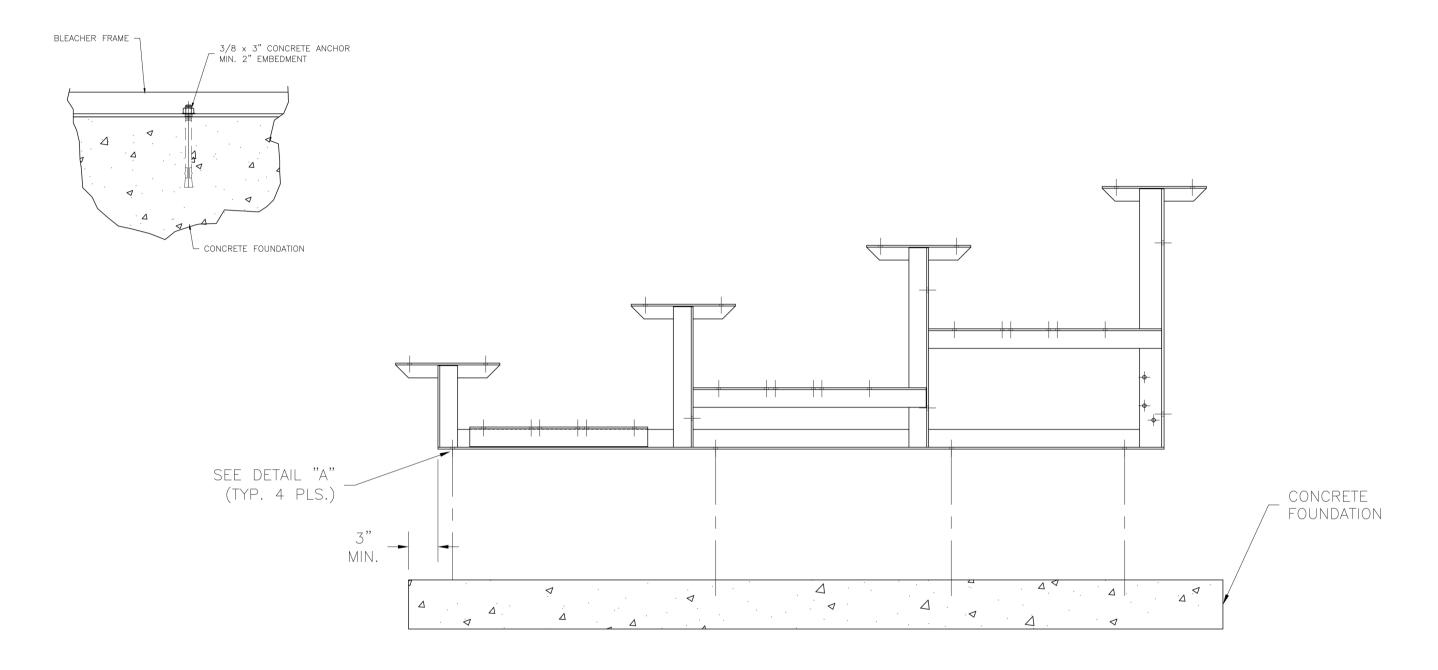
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BLEACHER	MODEL	#:					DRAWING NU	MBER:

FP.1

DETAIL "A" - CONC. ANCHOR ATTACHMENT

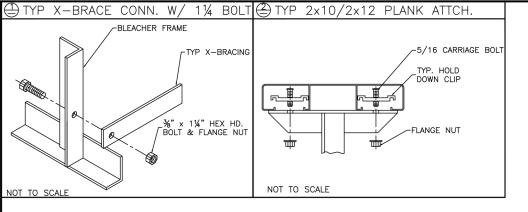


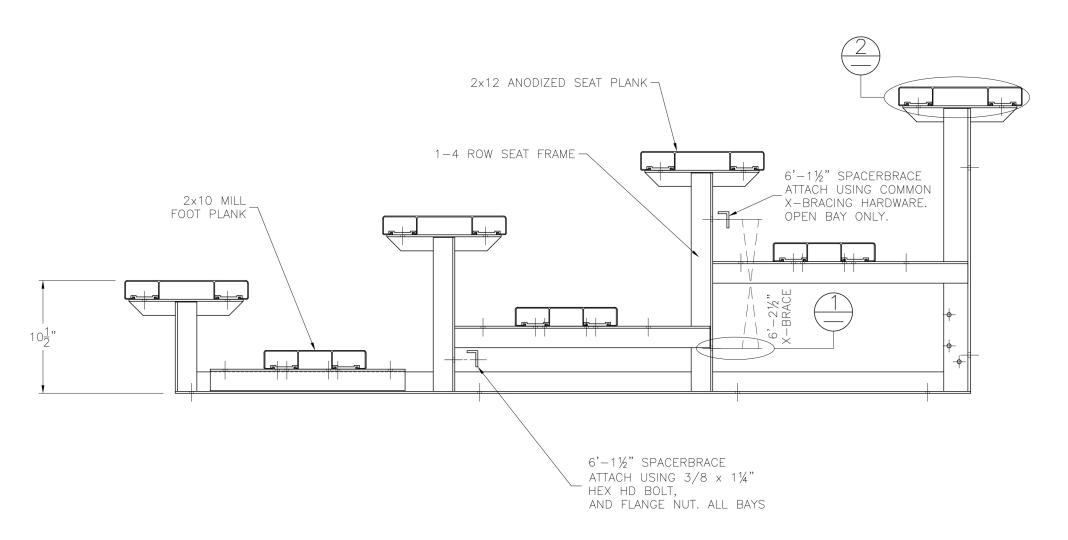
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220 Congress Park Dr. #215 Delray Beach, FL 33445

scale: N.T.S.
DATE: 07/22/2016 APPROVED BY:

NON ELEVATED 4 ROW x 21'-0" ANCHORING PLAN
BLEACHER MODEL #: I DRAWING NUMBER:



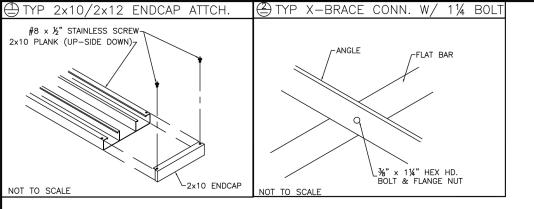


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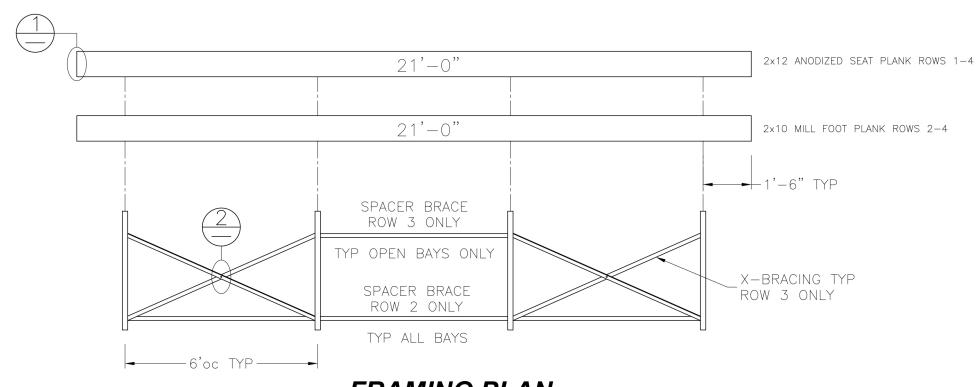
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APPROVED BY: SCALE: N.T.S. JML DATE: 07/22/2016

NON ELEVATED 4 ROW x 21'-0" BLEACHER ASSEMBLY
BLEACHER MODEL #: | DRAWING NUMBER:



PLANK PLAN



FRAMING PLAN

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