

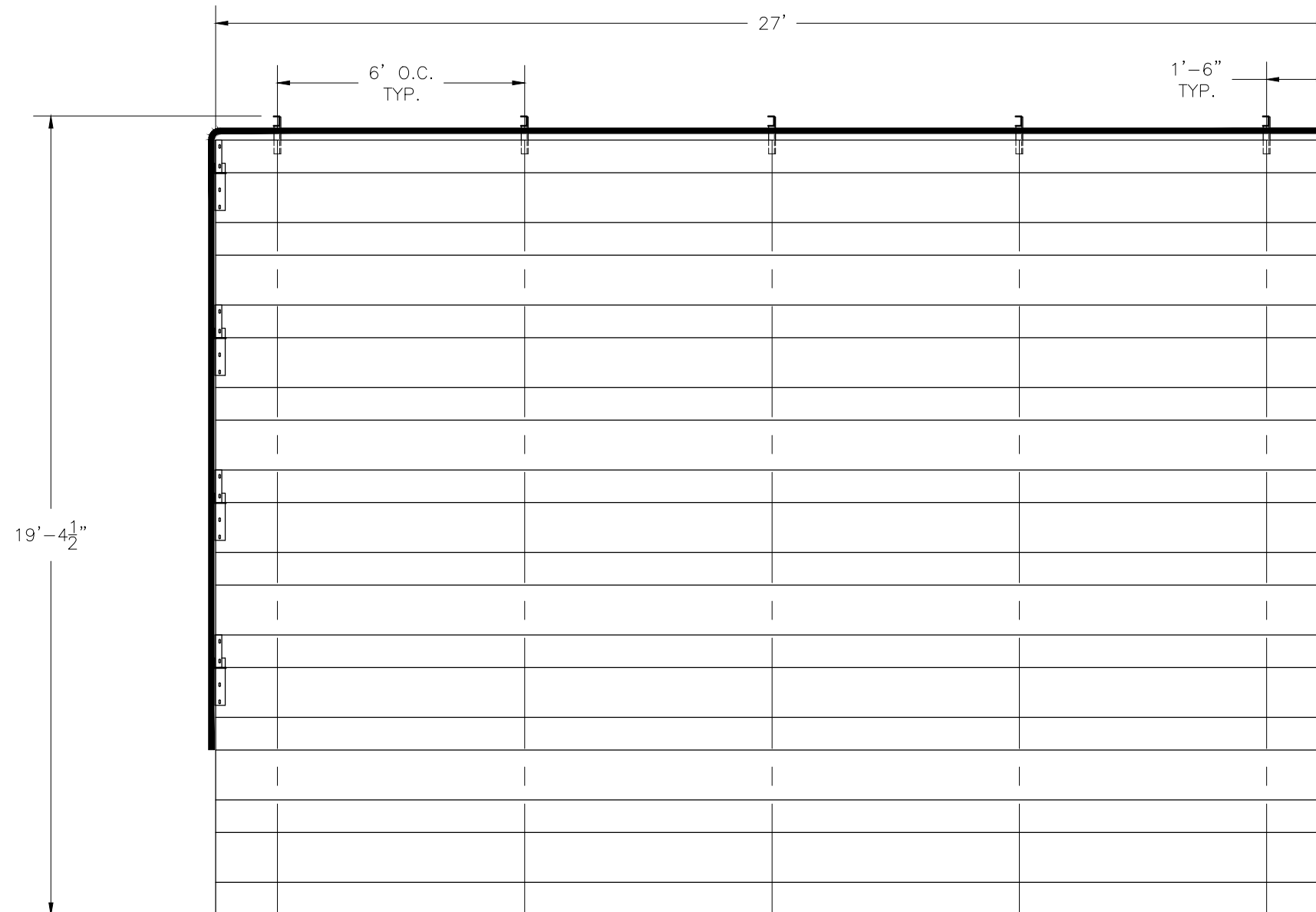
NA-1027PRF_CL

NON ELEVATED 10 ROW x 27'-0" BLEACHER

National Recreation Systems, Inc.

1300-D AIRPORT NORTH OFFICE PARK FORT WAYNE, IN 46825

| | |
|------|--|
| 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 LENGTH | GROSS SEATS | ACTUAL SEATS | NO. OF ROWS | NET SEATS |
|----------------|-------------|--------------|-----------------------------------|------------|
| 27 | 18.00 | 18.00 | 10 | 180 |
| | | | NET SEATS | 180 |
| | | | WHEELCHAIR SPACES | 0 |
| | | | TOTAL NET SEATING CAPACITY | 180 |
| | | | (BASED ON 18" PER SEAT) | |

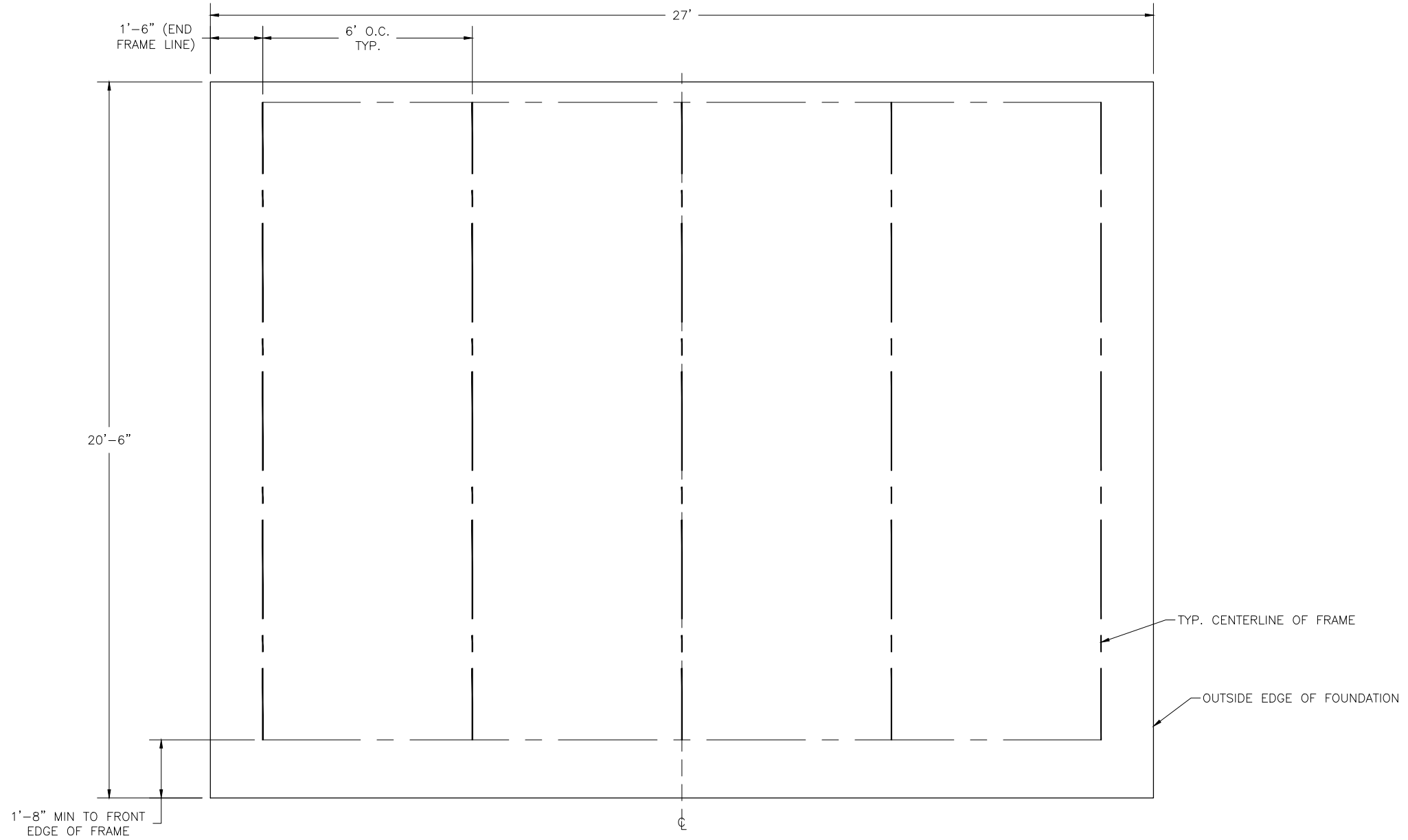
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1300-D AIRPORT NORTH OFFICE PARK FORT WAYNE, IN 46825

| | | |
|--|----------------------|---------------|
| SCALE: N.T.S. | APPROVED BY: | DRAWN BY: IMP |
| DATE: 10/5/16 | | |
| TITLE: 10 ROW X 27'-0" BLEACHER SEATING PLAN | | |
| BLEACHER MODEL #: NA-1027PRF_CL | DRAWING NUMBER: TD.1 | |

LOCATE FRAMES ON FOUNDATION



* MINIMUM FOUNDATION AREA SHOWN. DEPENDING ON LOCAL SOIL CONDITIONS, BLEACHER CAN BE INSTALLED ON A CONCRETE PAD OR FOOTERS, OR ATTACHED TO 2x6 TREATED LUMBER GROUND SILLS AND PLACED ON COMPACTED STONE, ASPHALT, OR ANY OTHER SMOOTH, SOLID, LEVEL SURFACE. CONSULT YOUR LOCAL CONCRETE CONTRACTOR TO DETERMINE PROPER CONCRETE SPECIFICATIONS FOR YOUR LOCAL SOIL AND WEATHER-RELATED CONDITIONS. THE BEARING SURFACE MUST BE CAPABLE OF SUPPORTING A MINIMUM OF 660 POUNDS PER LINEAR FOOT. TO MEET LOCAL CODES, BLEACHERS WILL NEED TO BE ANCHORED. ANCHORING SYSTEMS FOR ALL SURFACE TYPES ARE AVAILABLE - CONTACT YOUR BLEACHER SALES REPRESENTATIVE FOR MORE INFORMATION.

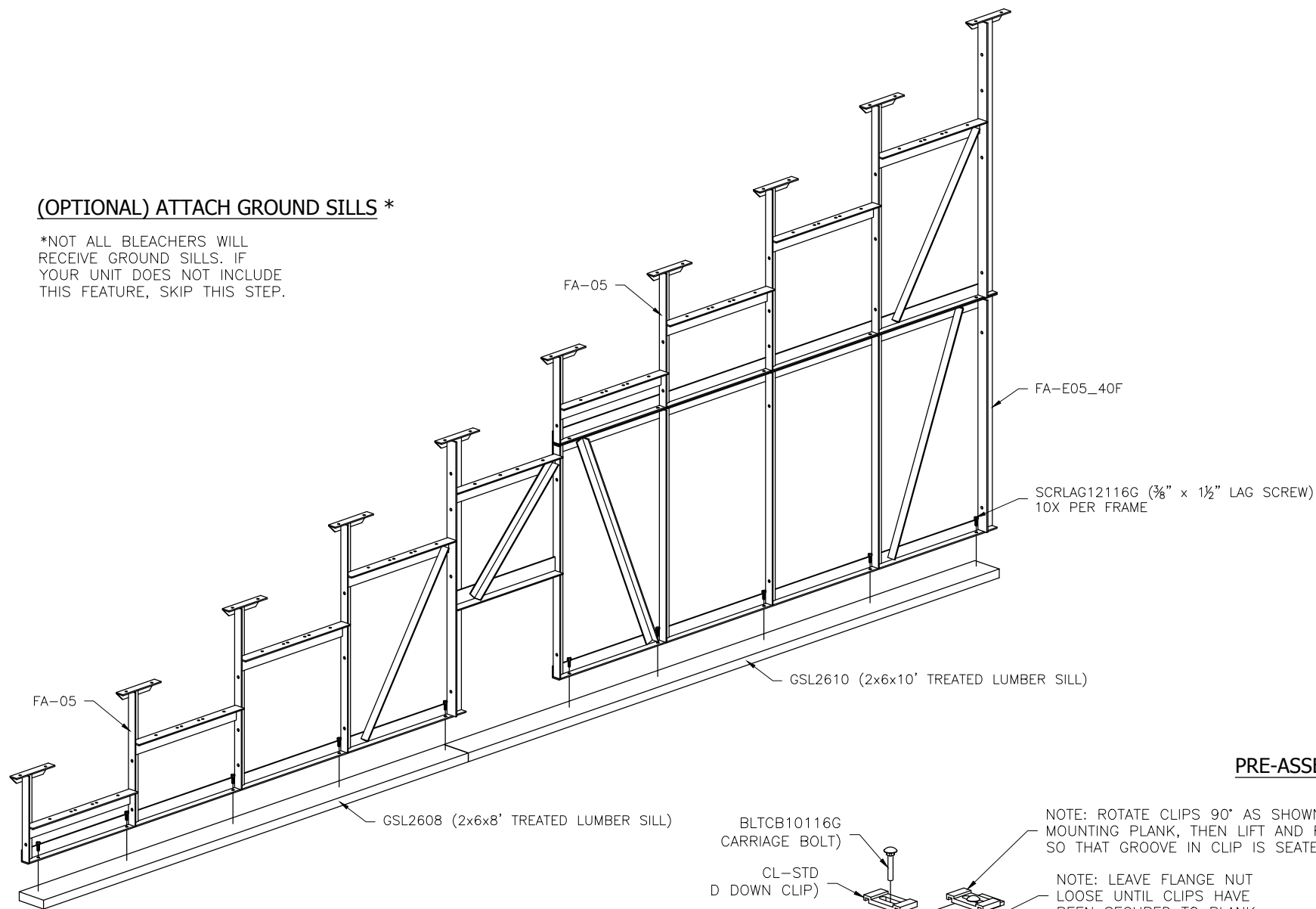
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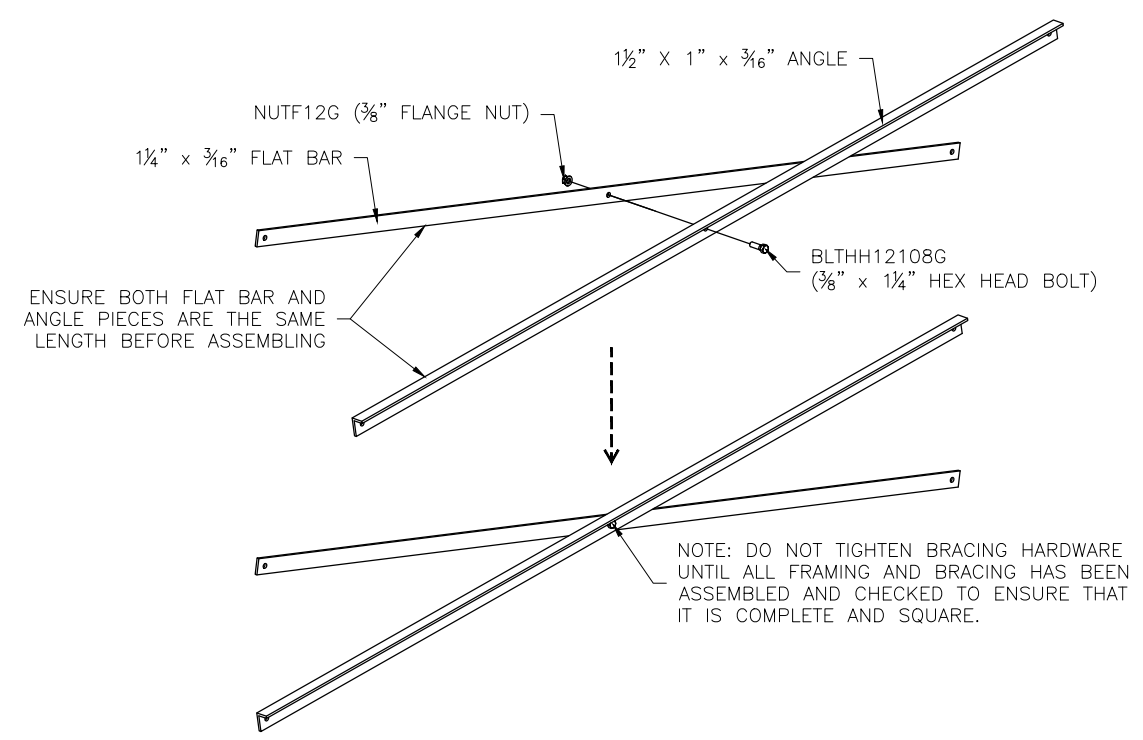
| | | |
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| SCALE: N.T.S. | APPROVED BY: | DRAWN BY: IMP |
| DATE: 10/5/16 | | |
| TITLE: 10 ROW 27'-0" FOUNDATION PLAN | | |
| BLEACHER MODEL #: NA-1027PRF_CL | DRAWING NUMBER: FP.1 | |

(OPTIONAL) ATTACH GROUND SILLS *

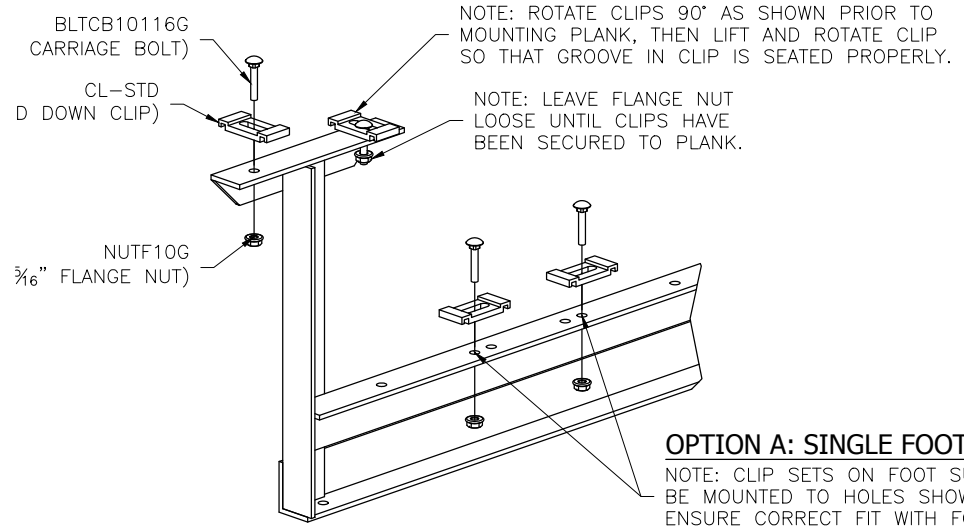
*NOT ALL BLEACHERS WILL RECEIVE GROUND SILLS. IF YOUR UNIT DOES NOT INCLUDE THIS FEATURE, SKIP THIS STEP.



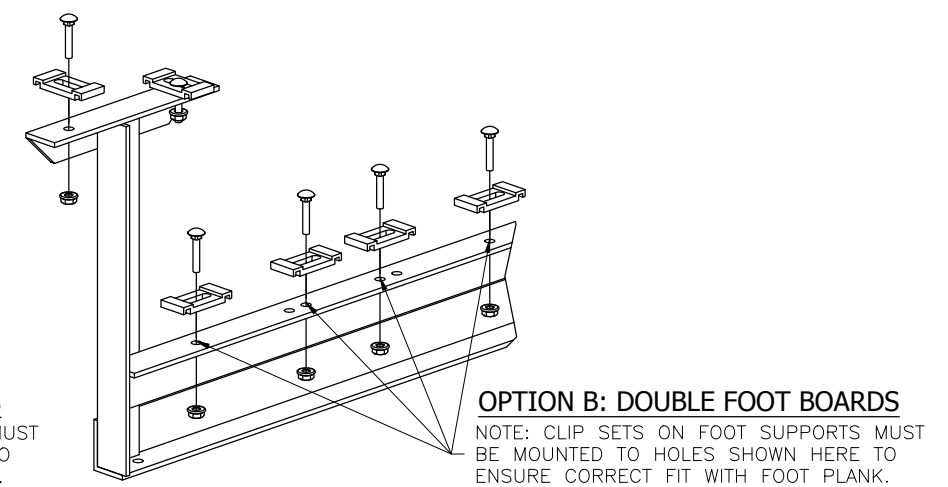
PRE-ASSEMBLE X-BRACE PAIR(S)



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



OPTION A: SINGLE FOOT BOARDS
NOTE: CLIP SETS ON FOOT SUPPORTS MUST BE MOUNTED TO HOLES SHOWN HERE TO ENSURE CORRECT FIT WITH FOOT PLANK.

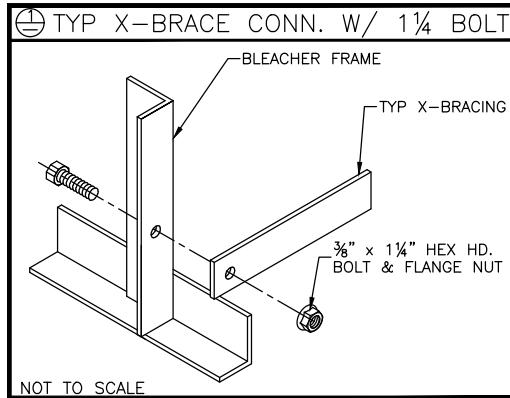


OPTION B: DOUBLE FOOT BOARDS
NOTE: CLIP SETS ON FOOT SUPPORTS MUST BE MOUNTED TO HOLES SHOWN HERE TO ENSURE CORRECT FIT WITH FOOT PLANK.

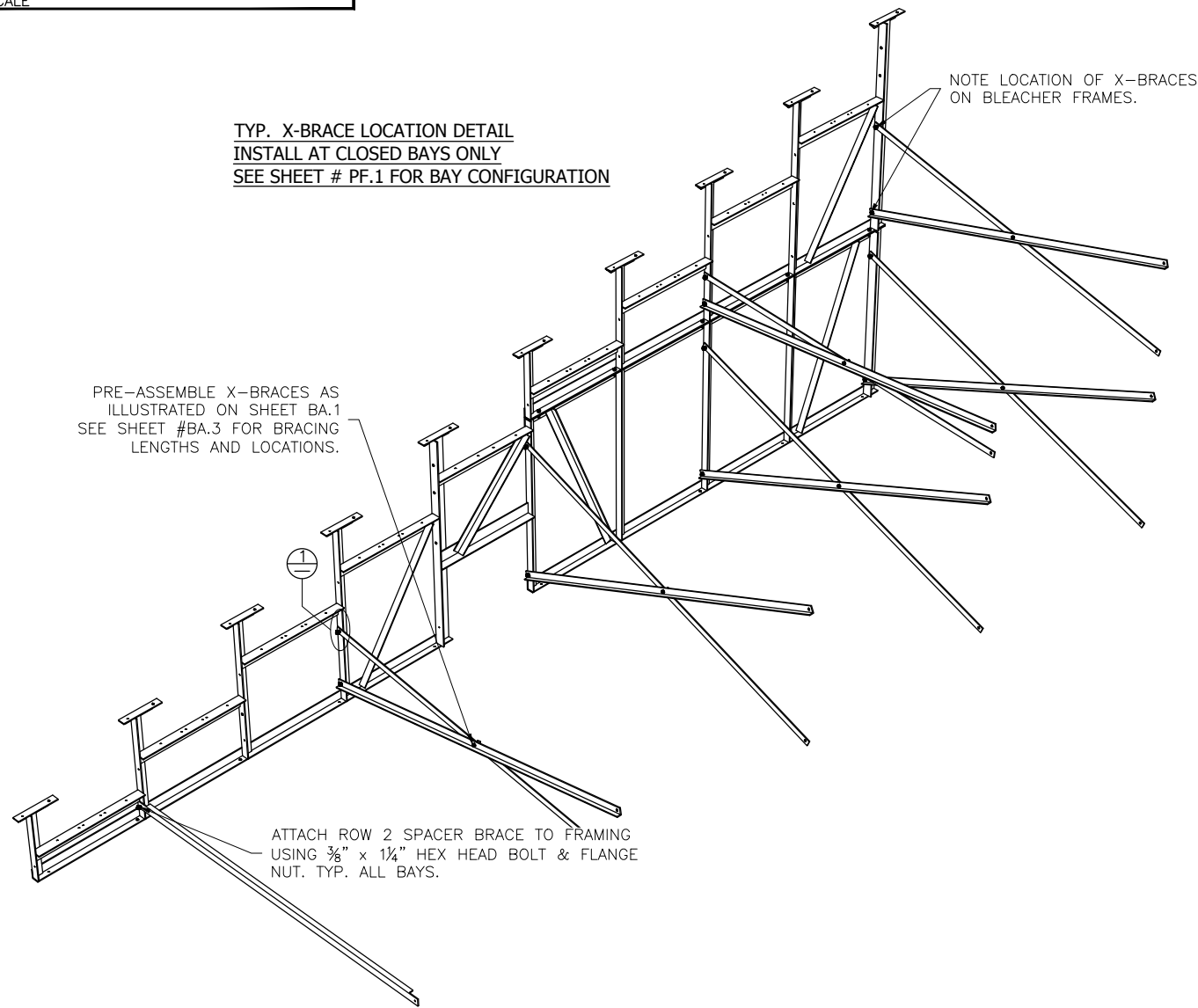
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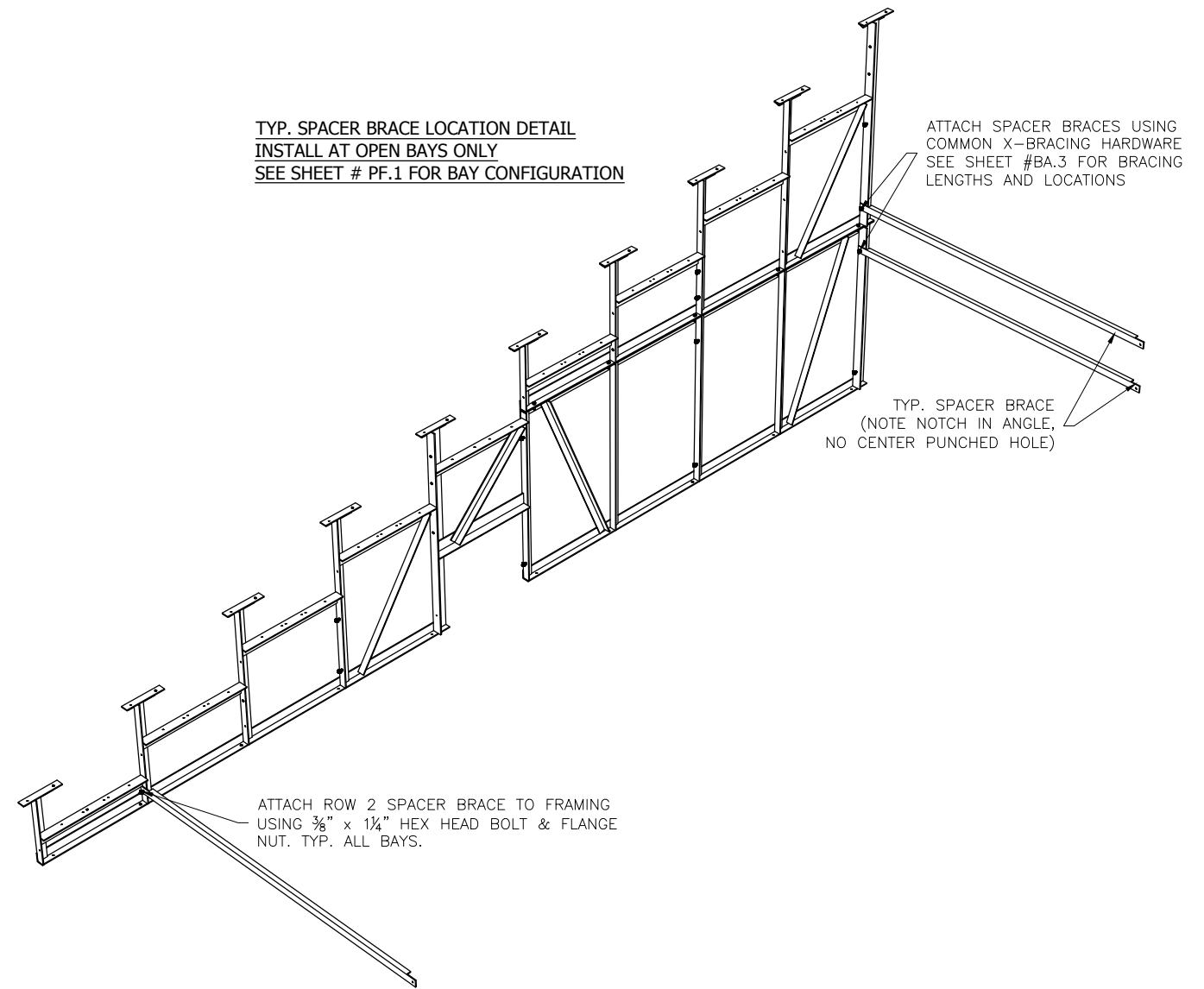
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| SCALE: N.T.S. | APPROVED BY: | DRAWN BY: IMP |
| DATE: 10/5/16 | | |
| TITLE: 10 ROW X 27'-0" FRAMING & CLIP SET PREPARATION | | |
| BLEACHER MODEL #: NA-1027PRF_CL | DRAWING NUMBER: BA.1 | |



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

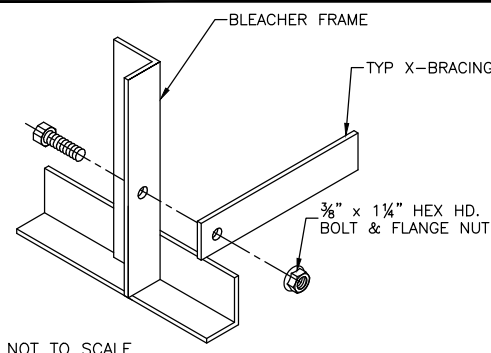


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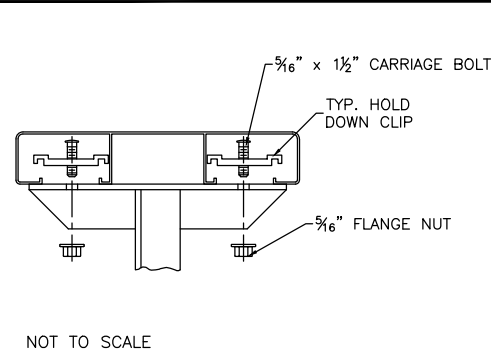
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| SCALE: N.T.S. | APPROVED BY: | DRAWN BY: IMP |
| DATE: 10/5/16 | | |
| TITLE: 10 ROW X 27'-0" BLEACHER BRACING LOCATION | | |
| BLEACHER MODEL #: NA-1027PRF_CL | DRAWING NUMBER: BA.2 | |

⊕ TYP X-BRACE CONN. W/ 1 1/4" BOLT



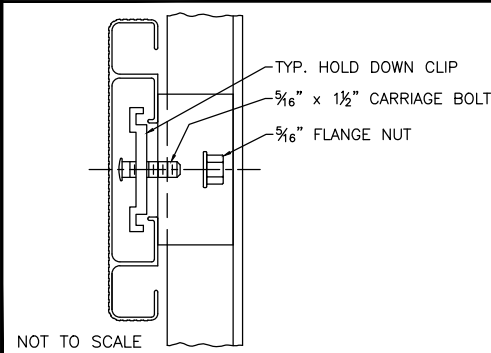
NOT TO SCALE

⊕ TYP 2x10 PLANK ATTACHMENT

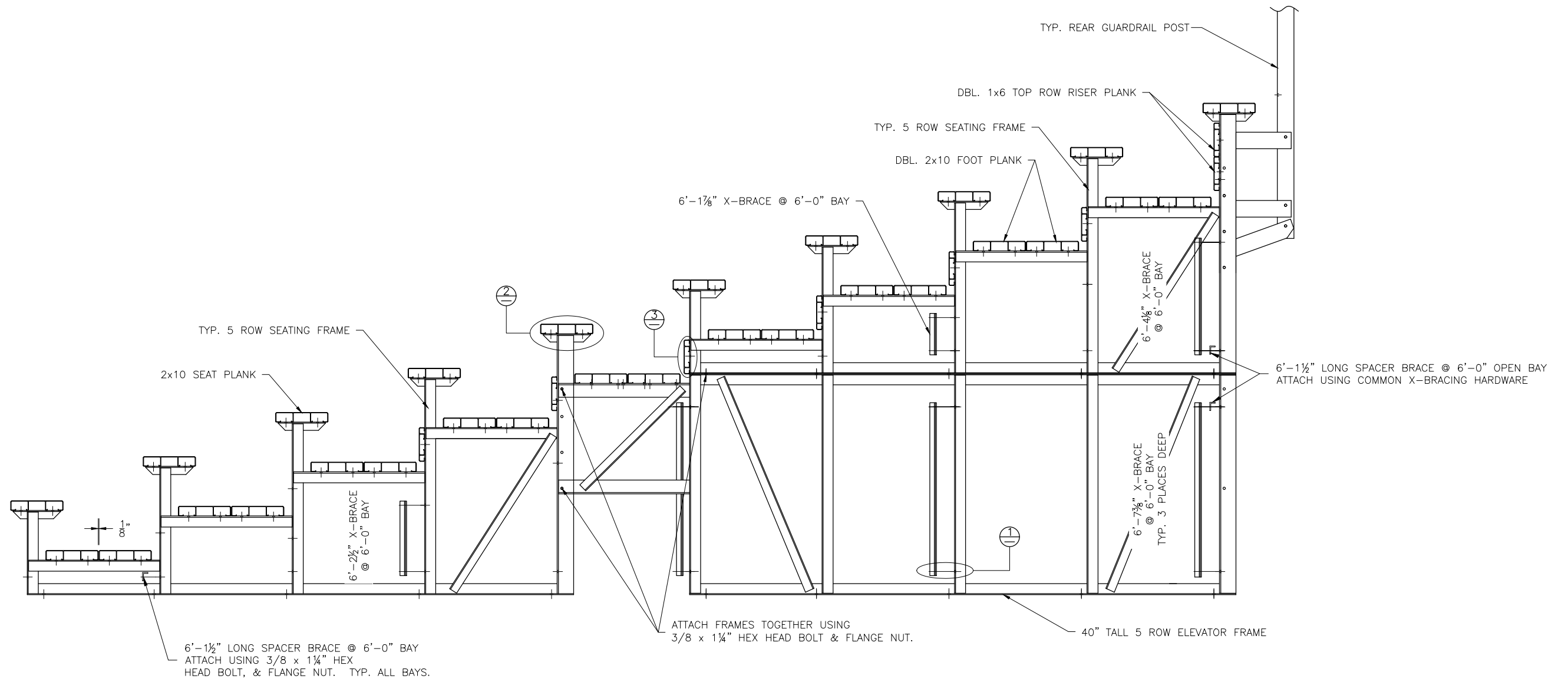


NOT TO SCALE

⊕ TYP 1x6 PLANK ATTACHMENT



NOT TO SCALE

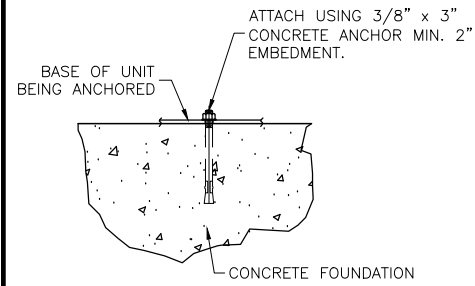


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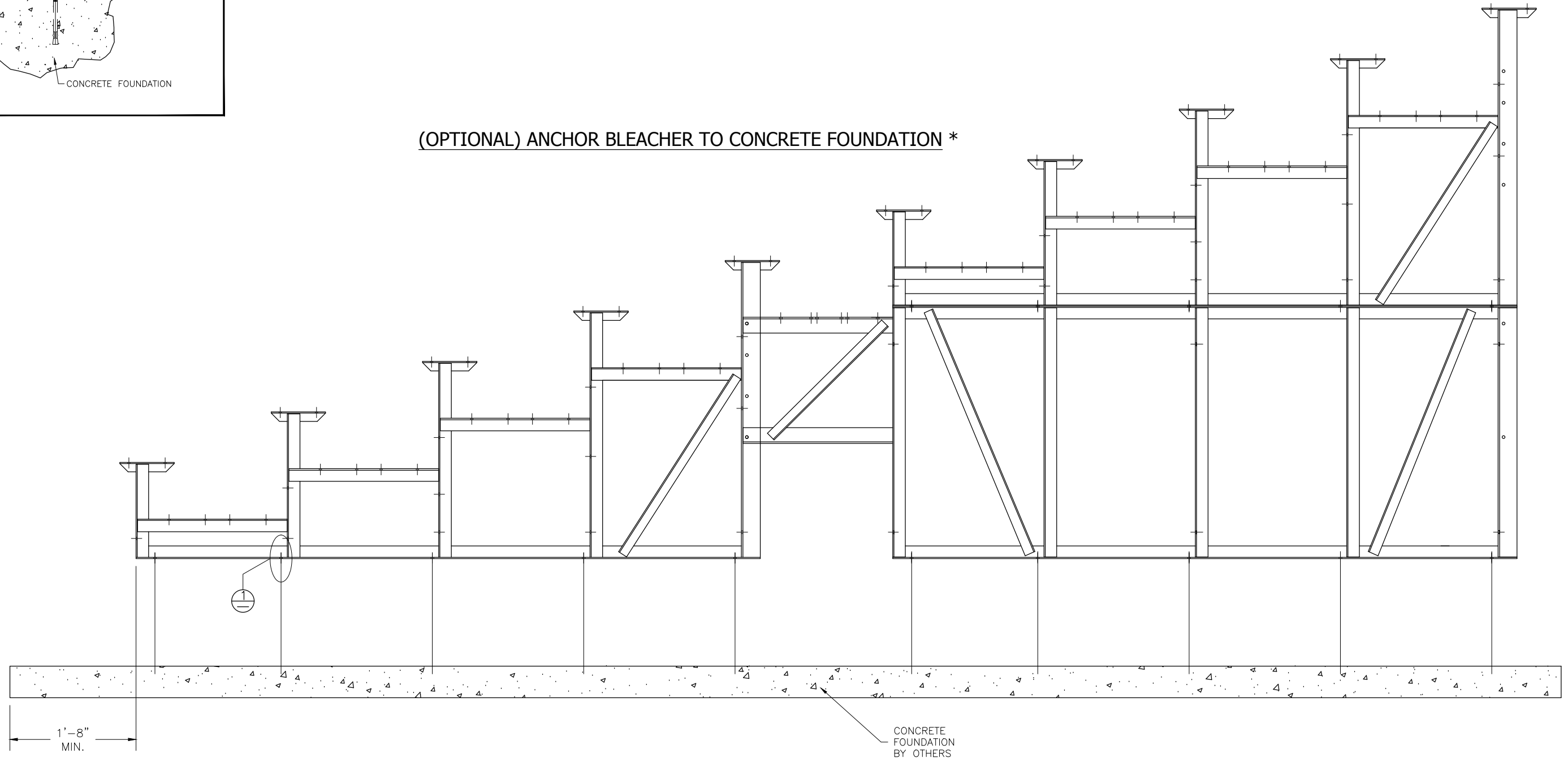
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| SCALE: N.T.S. | APPROVED BY: | DRAWN BY: IMP |
| DATE: 10/5/16 | | |
| TITLE: 10 ROW X 27'-0" BLEACHER ASSEMBLY | | |
| BLEACHER MODEL #: NA-1027PRF_CL | DRAWING NUMBER: BA.3 | |

⊕ WEDGE ANCHOR DETAIL - 3"



(OPTIONAL) ANCHOR BLEACHER TO CONCRETE FOUNDATION *



* CONCRETE WEDGE ANCHORS NOT INCLUDED WITH ALL UNITS. IF USING OTHER ANCHORING SYSTEM, SKIP THIS STEP AND REFER TO INSTRUCTIONS SPECIFIC TO THE ANCHORING SYSTEM PURCHASED FOR YOUR UNIT. SEE PRINT FP.1 (INCLUDED IN THIS PACKET) FOR GENERAL CONCRETE FOUNDATION SPECIFICATIONS.

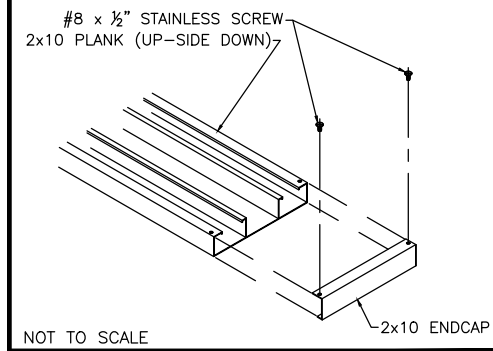
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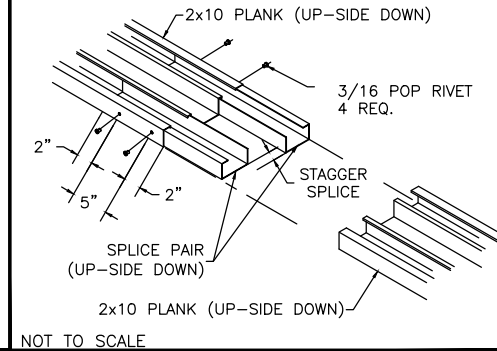
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| | | |
|---------------------------------------|----------------------|---------------|
| SCALE: N.T.S. | APPROVED BY: | DRAWN BY: IMP |
| DATE: 10/5/16 | | |
| TITLE: 10 ROW X 27'-0" ANCHORING PLAN | | |
| BLEACHER MODEL #: NA-1027PRF_CL | DRAWING NUMBER: AP.1 | |

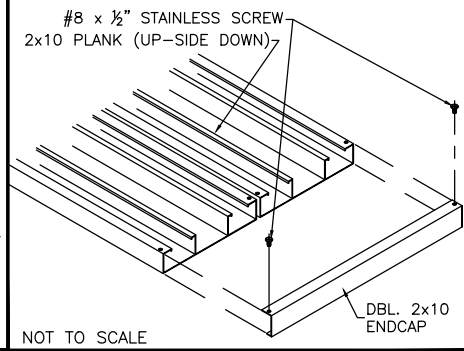
⊕ TYP 2x10 ENDCAP ATTACHMENT



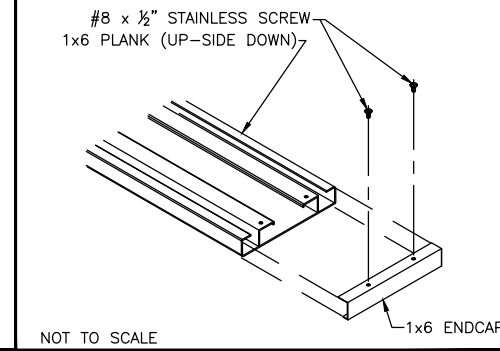
⊕ TYP 2x10 SPLICE CONN.



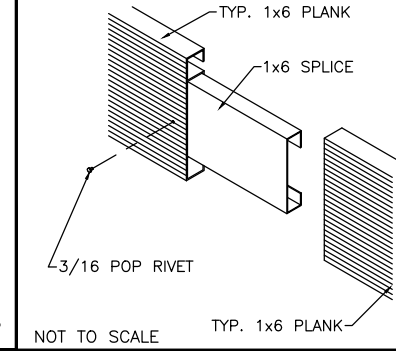
⊕ DBL. 2x10 ENDCAP ATTACHMENT



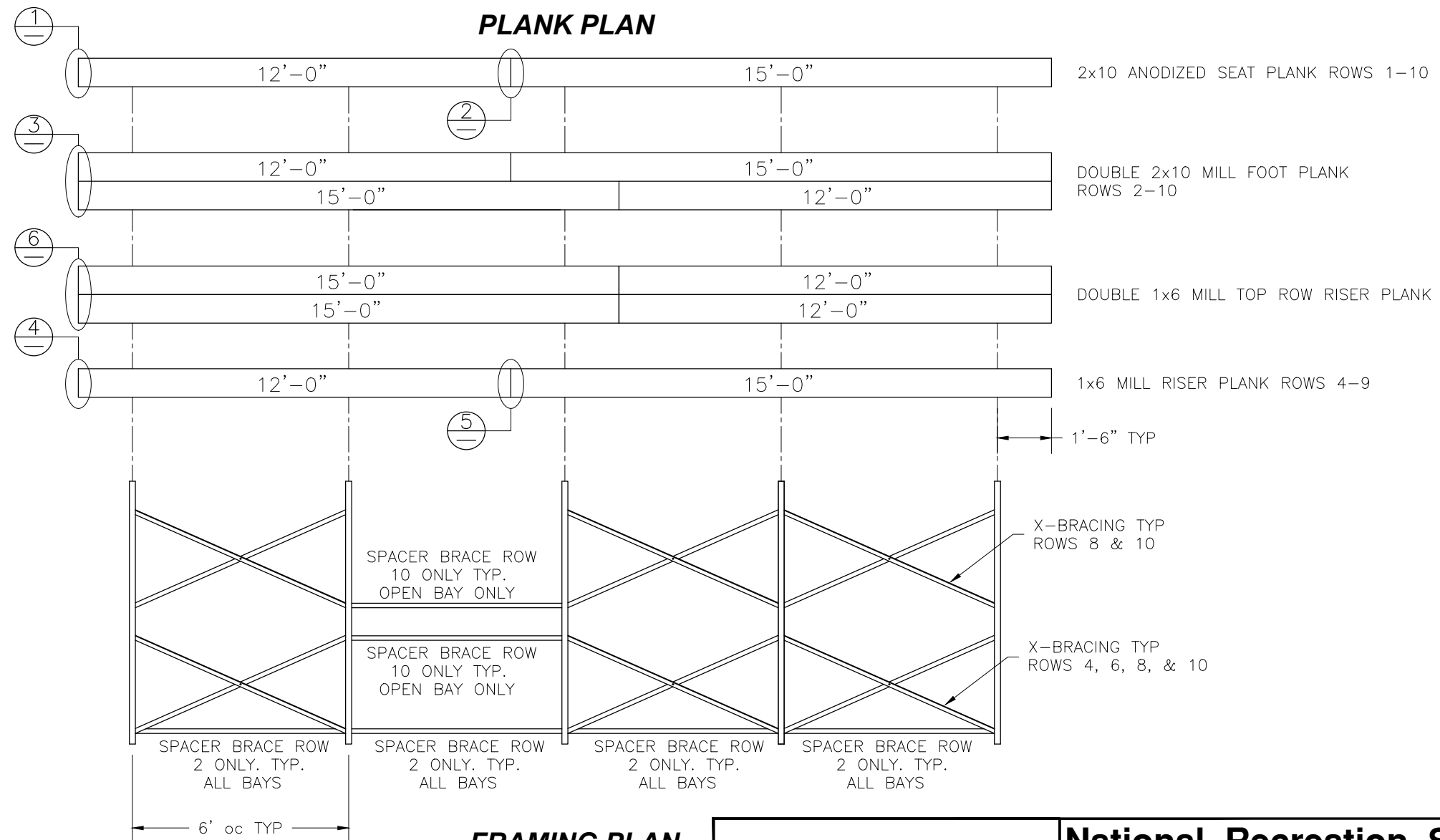
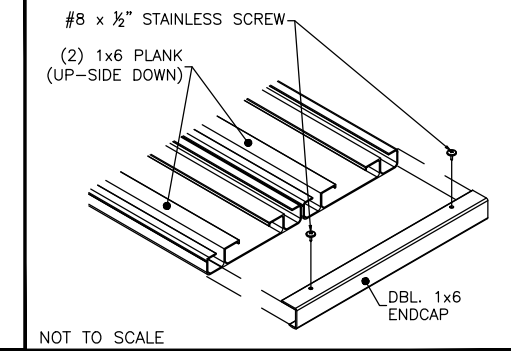
⊕ TYP 1x6 ENDCAP ATTACHMENT



⊕ TYP 1x6 SPLICE CONN.



⊕ DBL. 1x6 ENDCAP ATTACHMENT

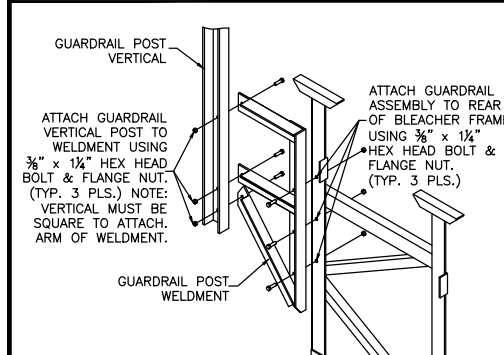


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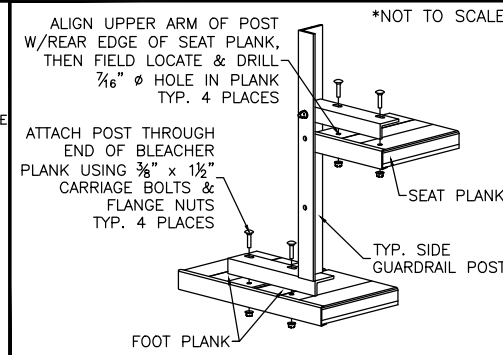
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| SCALE: N.T.S. | APPROVED BY: | DRAWN BY: IMP |
| DATE: 10/5/16 | | |
| TITLE: 10 ROW 27'-0" PLANK & FRAMING PLAN | | |
| BLEACHER MODEL #: NA-1027PRF_CL | DRAWING NUMBER: PF.1 | |

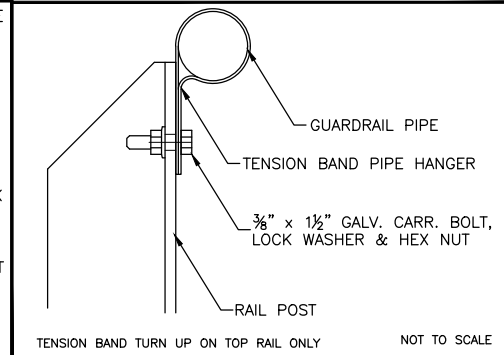
REAR GUARDRAIL POST ATTACH.



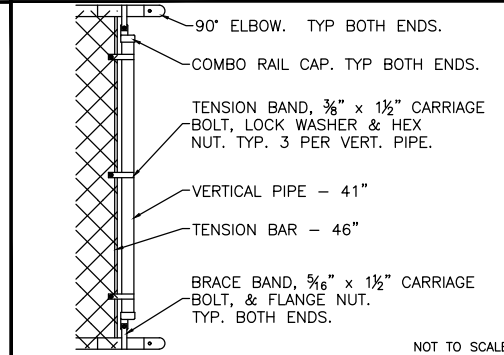
SIDE GD. RAIL POST INSTALLATION



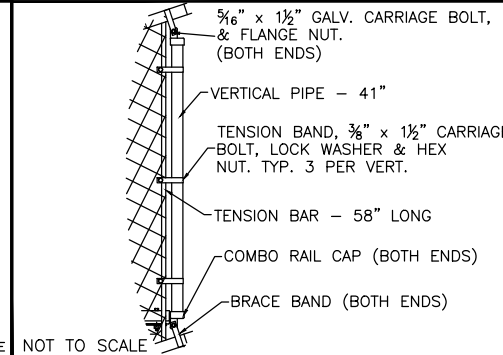
TENSION BAND ATTACHMENT



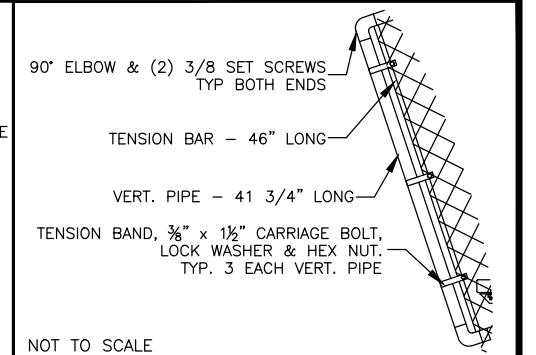
VERT. PIPE DETAIL-REAR, TOP



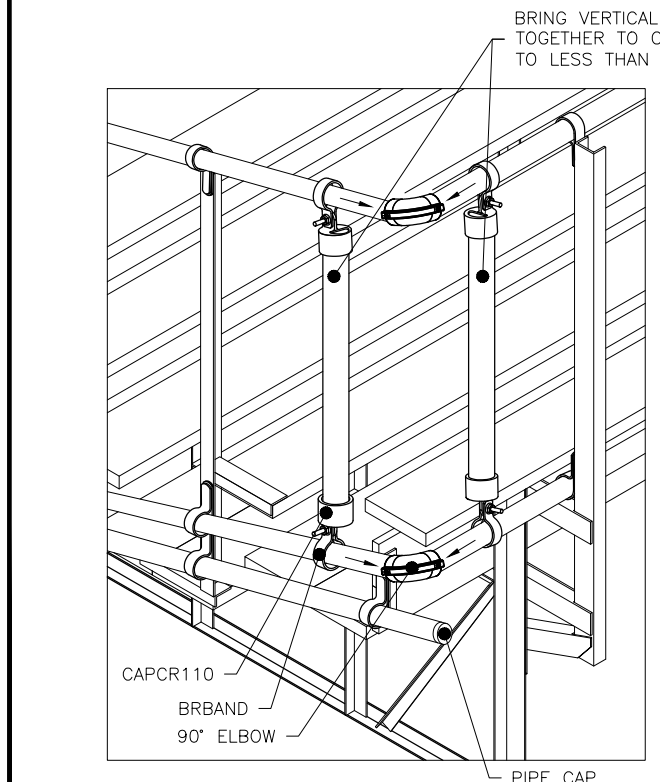
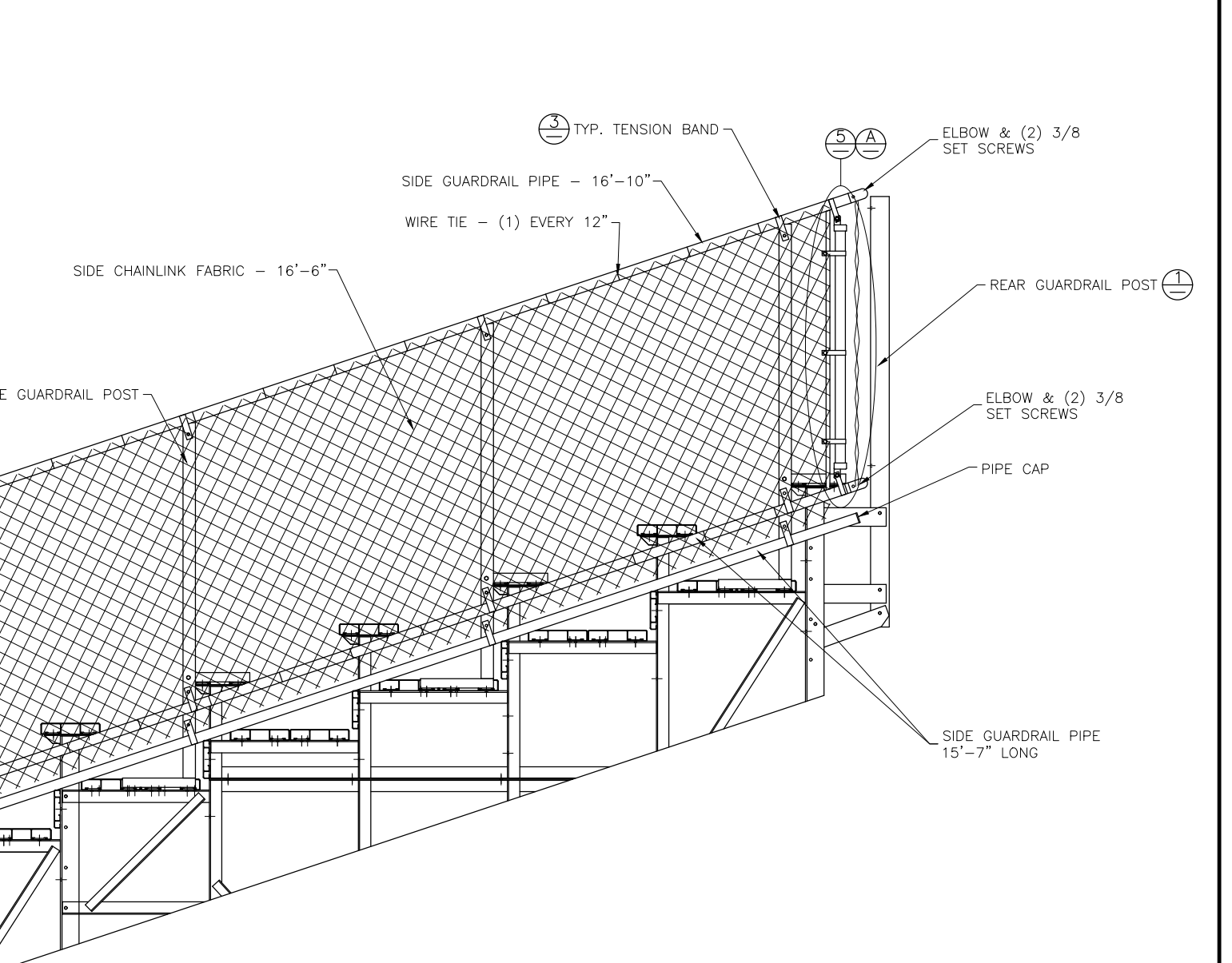
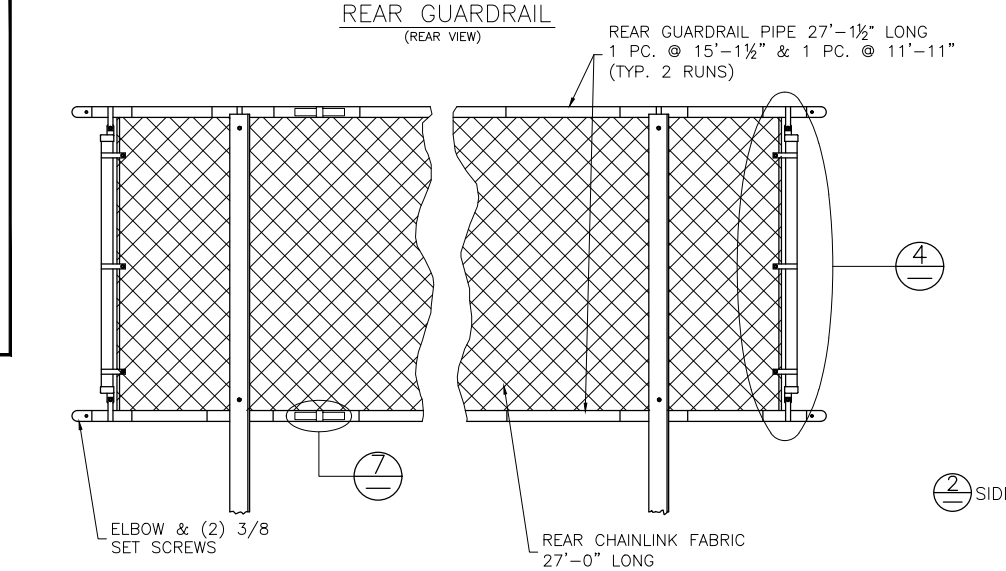
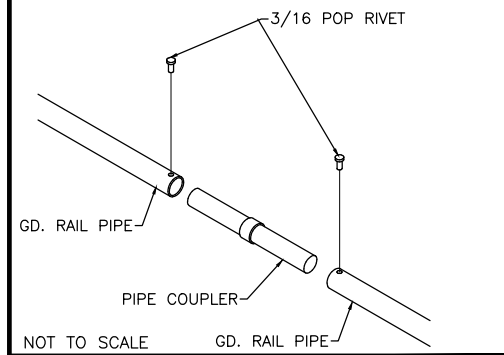
VERT. PIPE DETAIL (SIDE, TOP)



VERT. PIPE DETAIL (NE-SIDE, BOT.)



PIPE COUPLER INSTALLATION



DETAIL "A" - REAR CORNER GUARDRAIL ASSEMBLY

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| SCALE: N.T.S. | APPROVED BY: | DRAWN BY: IMP |
| DATE: 10/5/16 | | |
| TITLE: 10 ROW X 27'-0" GUARD RAIL ASSEMBLY | | |
| BLEACHER MODEL #: NA-1027PRF_CL | DRAWING NUMBER: GR.1 | |