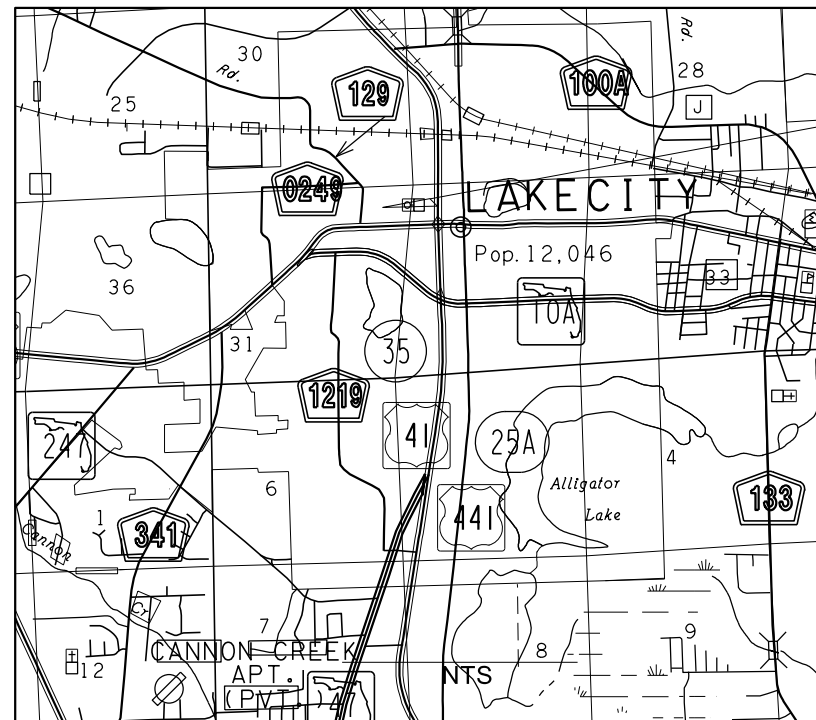
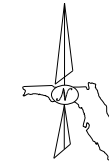


# MEMORIAL STADIUM REPAIRS

LAKE CITY, FLORIDA

MARCH, 2023



PROJECT LOCATION

## Sheet Index

1. Cover Sheet
2. General & Repair Notes
3. Stadium Plan
4. Typical Frame
5. Steel Repair Details 1
6. Steel Repair Details 2
7. Steel Repair Details 3
8. Concrete Repair Details

**For Bidding  
Purposes Only**

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SUITE 132  
JACKSONVILLE, FLORIDA 32217  
CERT. OF AUTH. NO. 30712  
EDUARDO J. MORALES JR., PE NO. 44068

MEMORIAL STADIUM  
REPAIRS

PROJECT #

SCALE

NTS

DATE

MARCH 2023

1. DESIGN SPECIFICATIONS:  
Latest FDOT Specifications for Road and bridgge construction

2. DESIGN LOADINGS:  
DEAD LOADS: the following unit loads are used in calculating dead loads:  
Structural steel - 490 pcf  
Reinforced concrete - 150 pcf

3. Concrete:  
All concrete shall be in accordance with Section 346 of the FDOT Standard Specifications.

Concrete Class	Min. 28 Day Compressive Strength (ksi)	Location
IV	f'c = 5.5	Foundation

Concrete Cover: = 2" except top surfaces  
= 2½" for top surfaces

4. Reinforcing Steel:  
All reinforcing steel shall be ASTM A615, Grade 60.

5. STRUCTURAL STEEL:  
All structural steel shall be in accordance with ASTM A709, Grade 50, unless otherwise shown.

6. STEEL FABRICATION:  
Fabrication shall be performed in accordance with the current applicable edition of the AASHTO/AWS D1.5 Bridge Welding Code. Fabricators of structural steel shall have the AISC Quality Certification for Major Steel Bridges (CBR).

7. WELDING:  
Welding details and operations shall be in accordance with the AASHTO/AWS D1.1 and AWS D1.5 Bridge Welding Code. Welding procedures shall be submitted and approved prior to welding on the project. Non-destructive Testing shall be performed as required by AASHTO/AWS D1.1 and AWS D1.5 Bridge Welding Code.

8. PLAN DIMENSIONS:  
All dimensions in these plans are measured in feet and inches either horizontally or vertically unless otherwise noted.

All excess material as designated by the Engineer is to be disposed by the Contractor at the Contractor's expense.

9. FIELD VERIFICATION AND CONDITIONS:  
Observations, and contract plans are intended for information and estimating purposes only. Prior to beginning construction, field verify all dimensions and conditions required to perform the repair. Failure to field verify dimensions will not be justification for claims.

10. ALIGNMENT:  
Preserve the existing geometry including relative positions and alignment of all structural components.

11. INSPECTION:  
The Contractor shall provide safe access for the Engineer at all times to inspect all aspects of the project.

12. STEEL PAINTING:  
Blast, clean and paint all areas of repair affected structural steel in accordance with Section 561 of the FDOT Standard Specifications. Try to match the existing Color. (Final color to be determined by the Engineer)

REPAIR NOTES:

1. Removal of existing abandoned plumbing piles. Install 4"x2"x½" Plate over deteoriated flange.

2. Install 6"x6"x½" on one side of the Web.

3. Install 6"x6"x½" on both sides of the Web.

4. Install L3"x3"x¾" 24" long under deteoriated top flange both sides.

5. Install L3"x3"x¾" 24" long under deteoriated top flange both sides.

6. Install 6"x6"x½" on both sides of the Web.

7. Remove and replace in kind a 1'-0" section of Cap Beam, starting at the end of the beam.

8. Install 5"x6"x½" on both sides of the Web.

9. Install 5"x6"x½" on both sides of the Web.

10. Install 6"x6"x½" on both sides of the Web.

11. Install 6"x6"x½" on both sides of the Web and a 4"x6" Flange plate on East side of beam to match existing flange plate on West side.

12. Install L3"x3"x¾" 18" long under deteoriated top flange.

13. Install 4"x6"x½" on North Flange.

14. Install 5"x6"x½" on both sides of the Web and a 4"x6" Flange plate on both Flanges.

15. Install 6"x6"x½" on both sides of the Web.

16. Install 6"x6"x½" on both sides of the Web.

17. Install 6"x6"x½" on one side of the Web.

18. Widen Foundation Column 8" and connect Beam to the foundation.

19. Install 6"x6"x½" on both sides of the Web.

20. Replace Existing Angle with Bent Plate.

For Repair Details see Repair Details Sheet

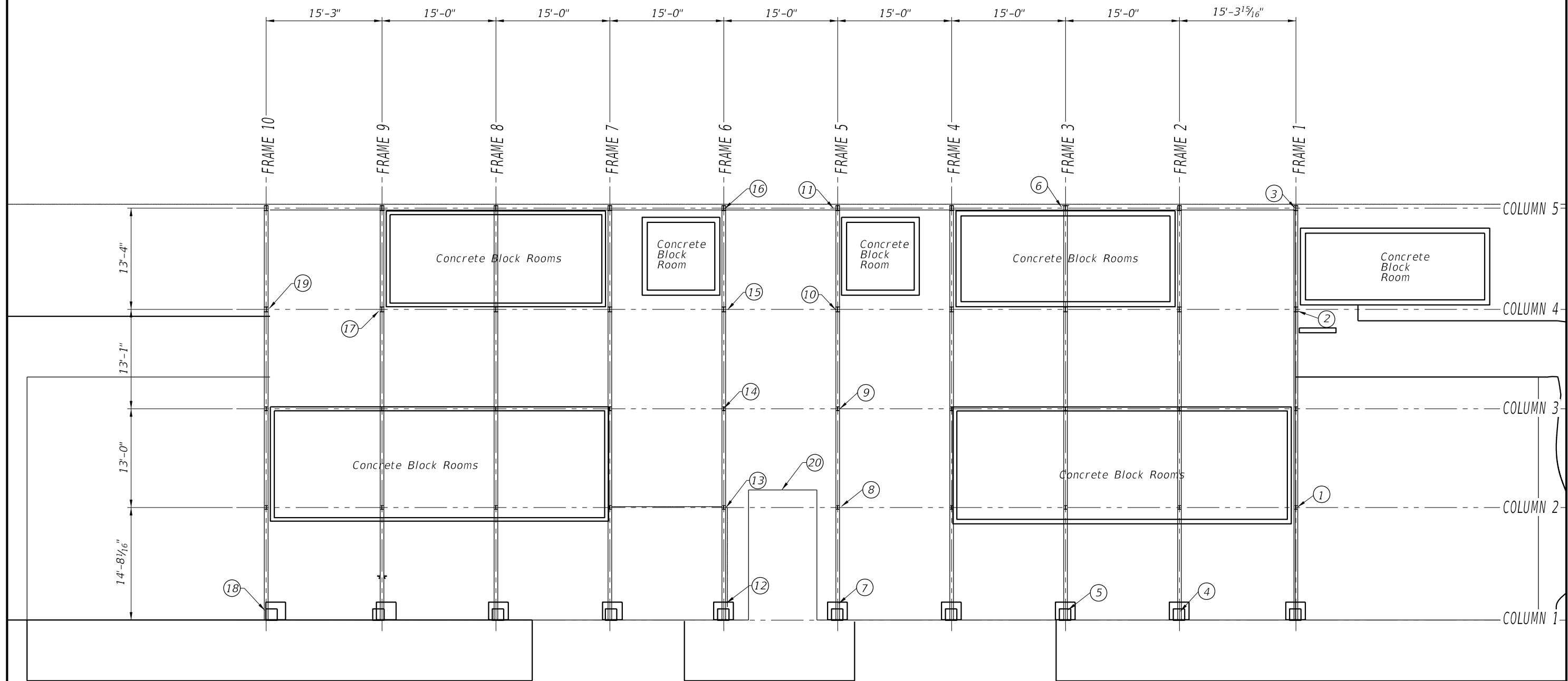
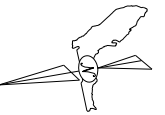
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GENERAL NOTES	
MEMORIAL STADIUM REPARS	
SHEET NO.	2



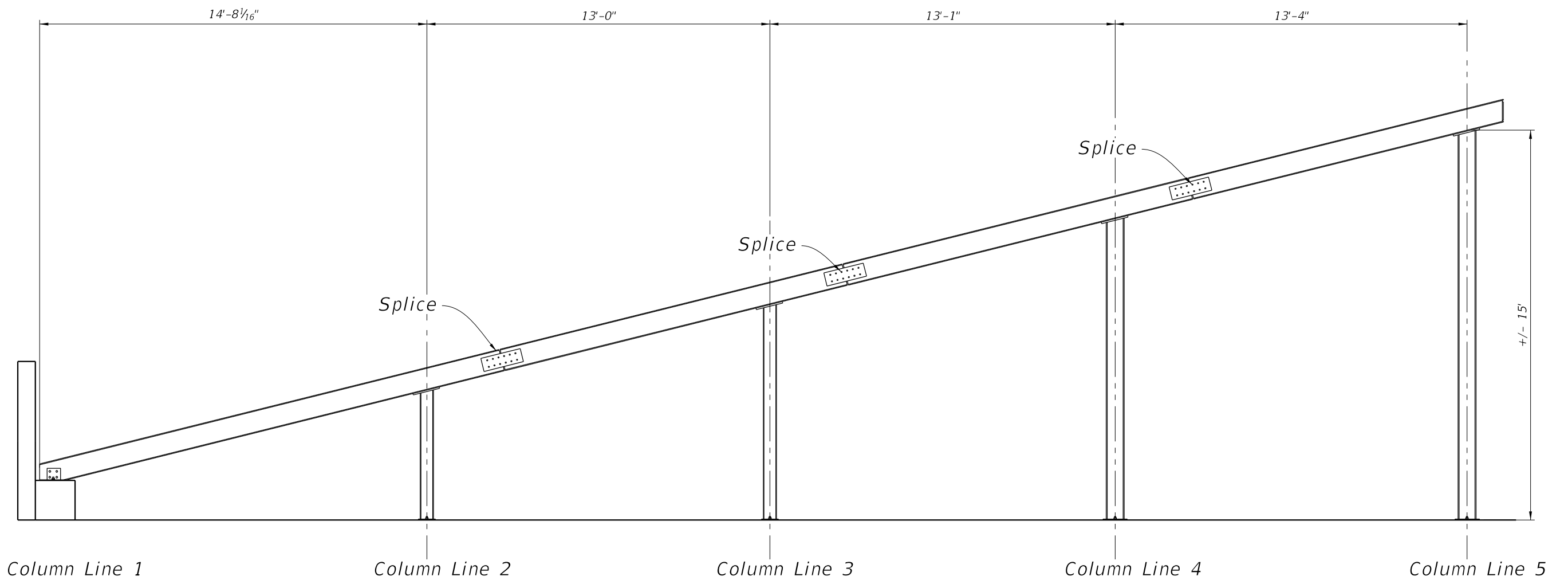
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SHEET TITLE: <b>PLAN</b>		PROJECT NAME: <b>MEMORIAL STADIUM REPAIRS</b>	SHEET NO. <b>3</b>
CONTRACT _____ CITY _____ LAKE CITY			

\$USERS \$DATES \$TIMES \$FILES



TYPICAL FRAME

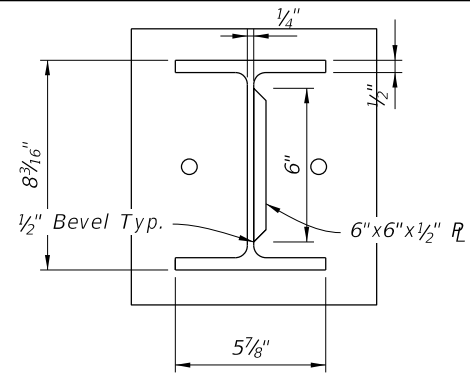
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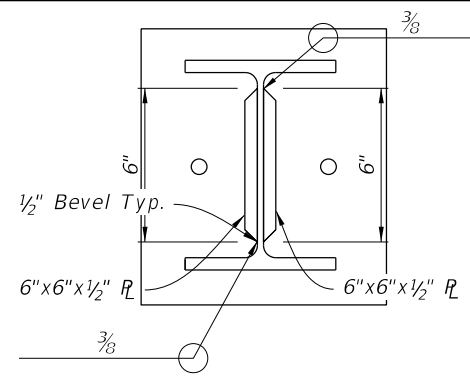
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CHECKED BY: EJM		LAKE CITY

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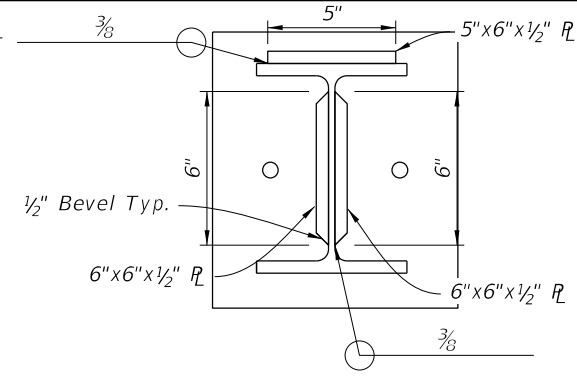
Column Lines 4 & 5



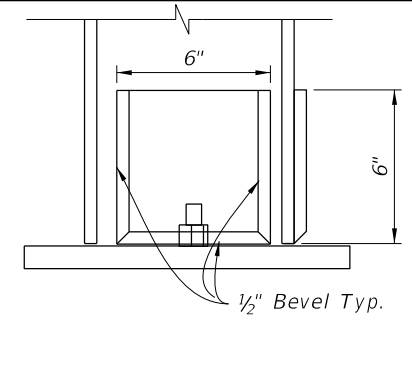
PLAN  
Web Plate One Side only



PLAN  
Web Plate Both Sides

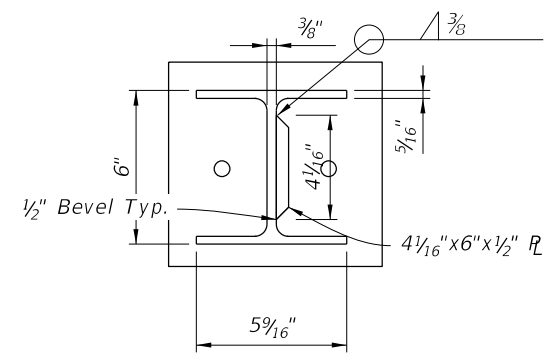


PLAN  
Web Plate Both Sides & Flange

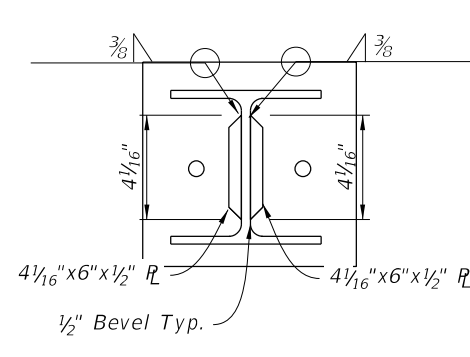


ELEVATION

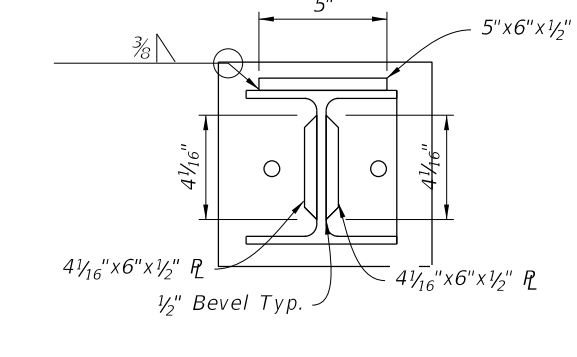
Column Lines 2 & 3



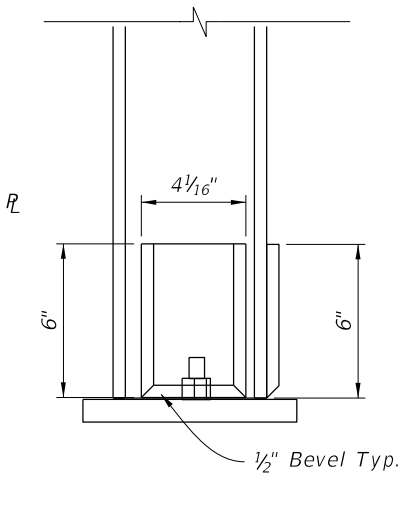
PLAN  
Web Plate One Side only



PLAN  
Web Plate Both Sides

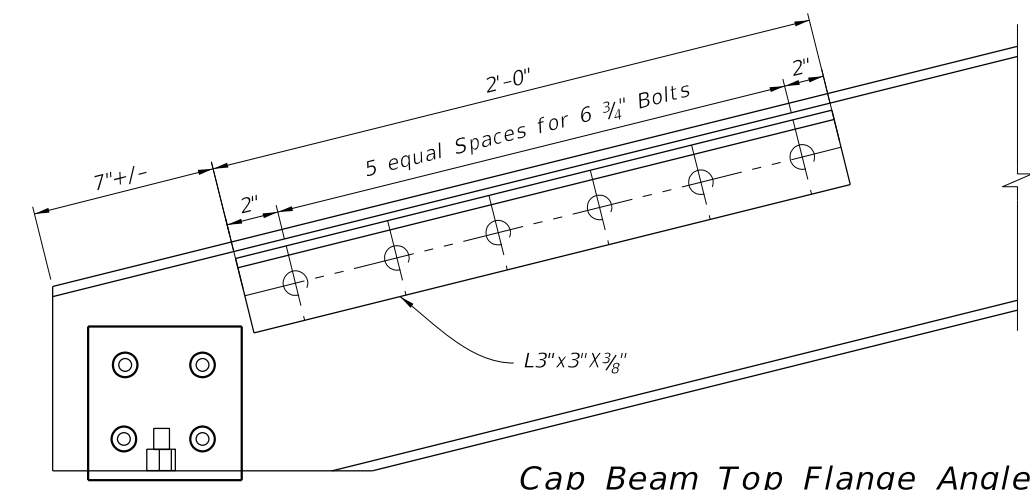
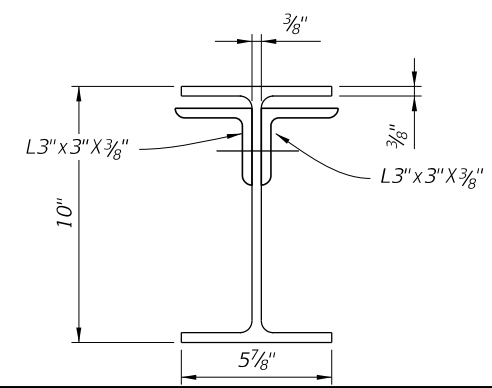


PLAN  
Web Plate Both Sides & Flange



ELEVATION

CAP BEAM



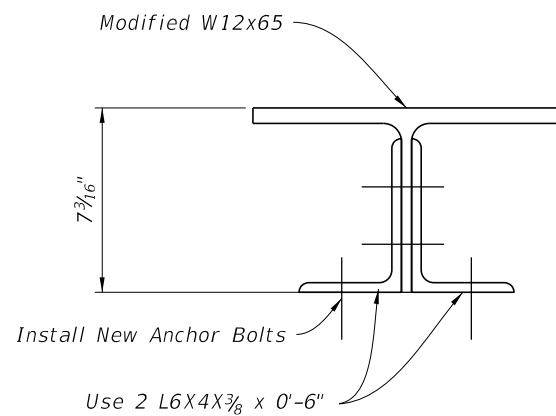
Cap Beam Top Flange Angle REPAIR LOCATIONS 4 & 5

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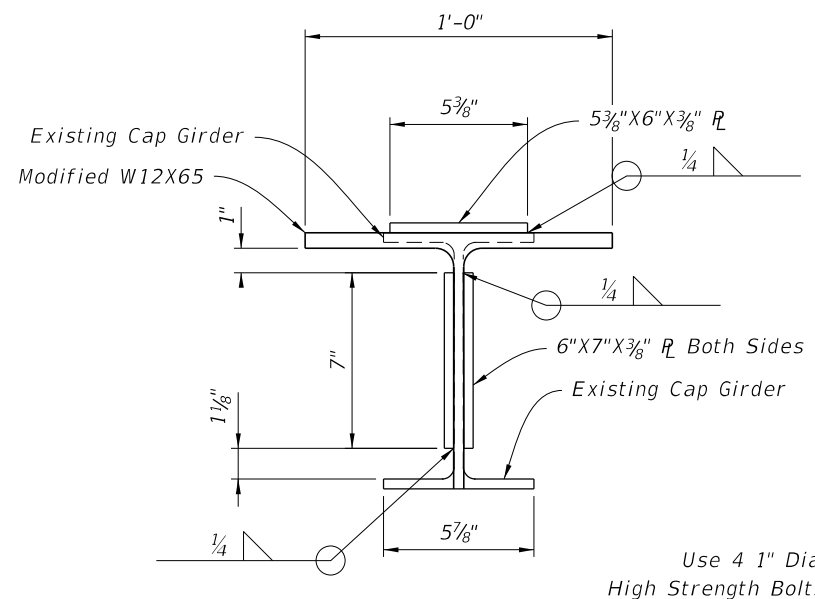
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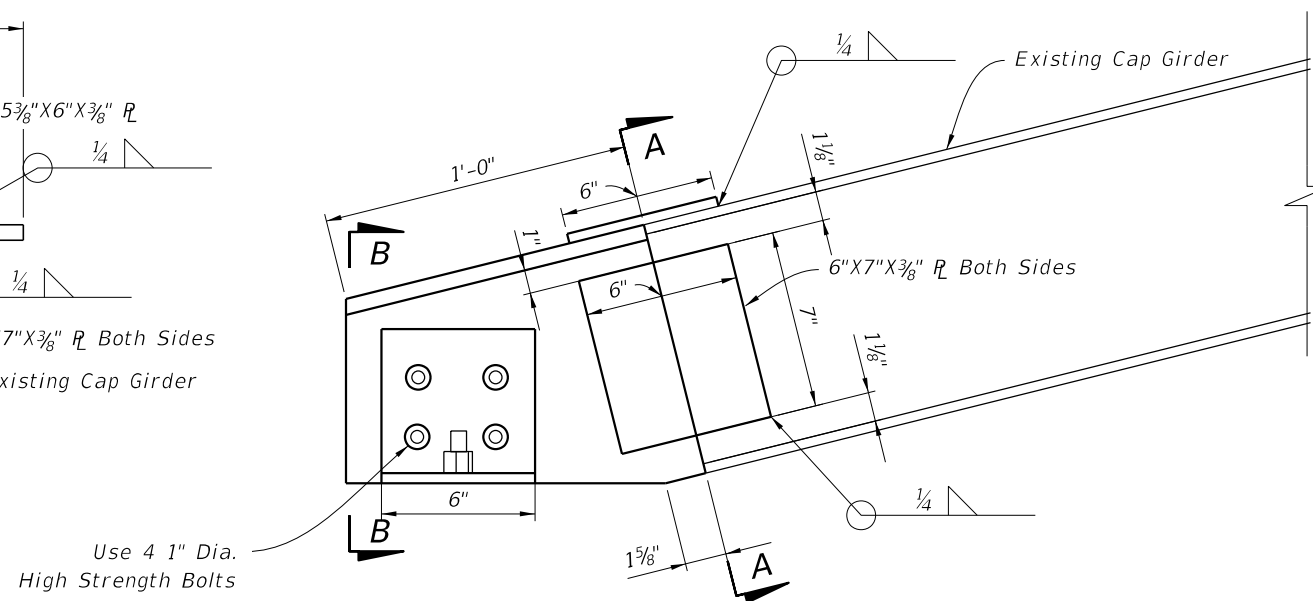
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PROJECT NAME: <b>MEMORIAL STADIUM REPAIRS</b>		



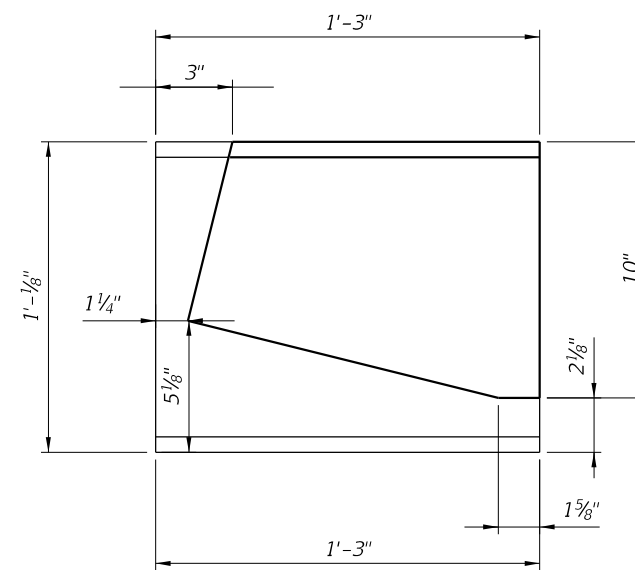
**SECTION B-B**



**SECTION A-A**



**ELEVATION**



**MODIFIED W12x65**

NOTE: Contractor Shall Field verify all Dimensions and angles before cutting the W12x65.

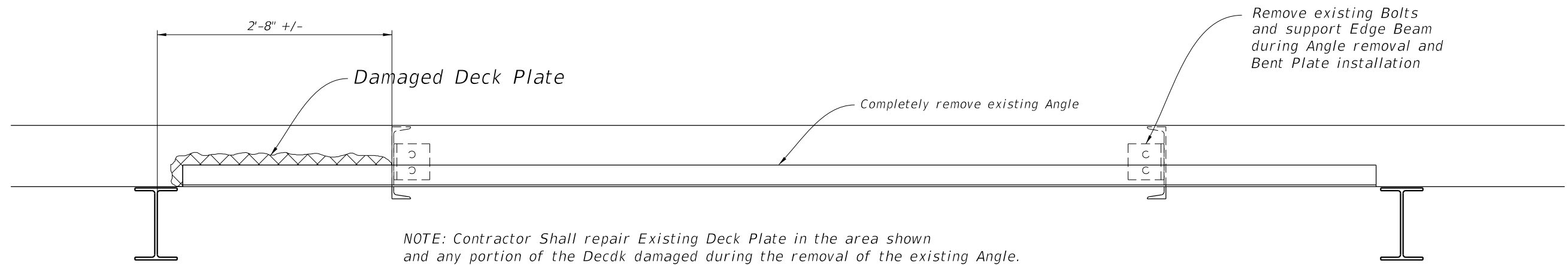
**REPAIR LOCATION 7**

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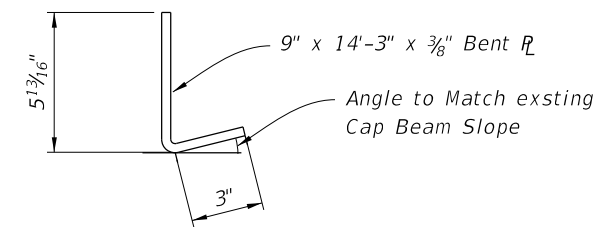
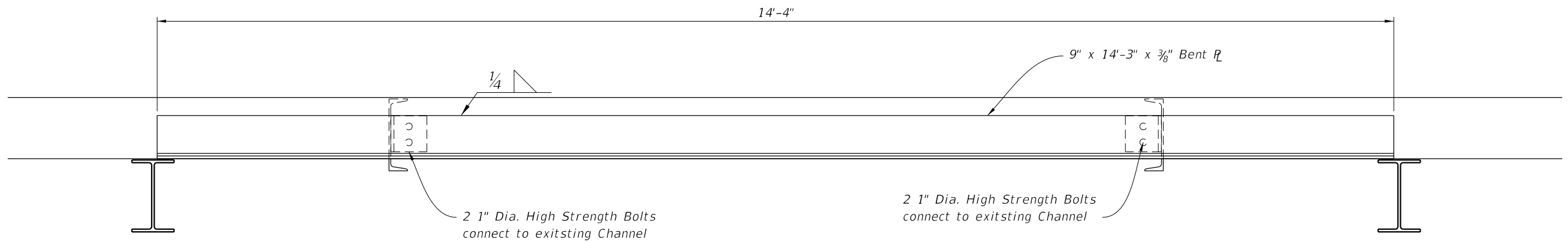
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SHEET TITLE: <b>STEEL REPAIR DETAILS SHEET 2</b>		PROJECT NAME: <b>MEMORIAL STADIUM REPAIRS</b>	SHEET NO. <b>6</b>
PROJECT NAME: <b>MEMORIAL STADIUM REPAIRS</b>			



NOTE: Contractor Shall repair Existing Deck Plate in the area shown and any portion of the Decdk damaged during the removal of the existing Angle. Repairs will consist of a clean square edges and material replkacement with a similar size plates. Welds shall be ground smooth and the entire repaired area is to be painted as per the specifications. The color to match the existing.



**BENT PLATE**

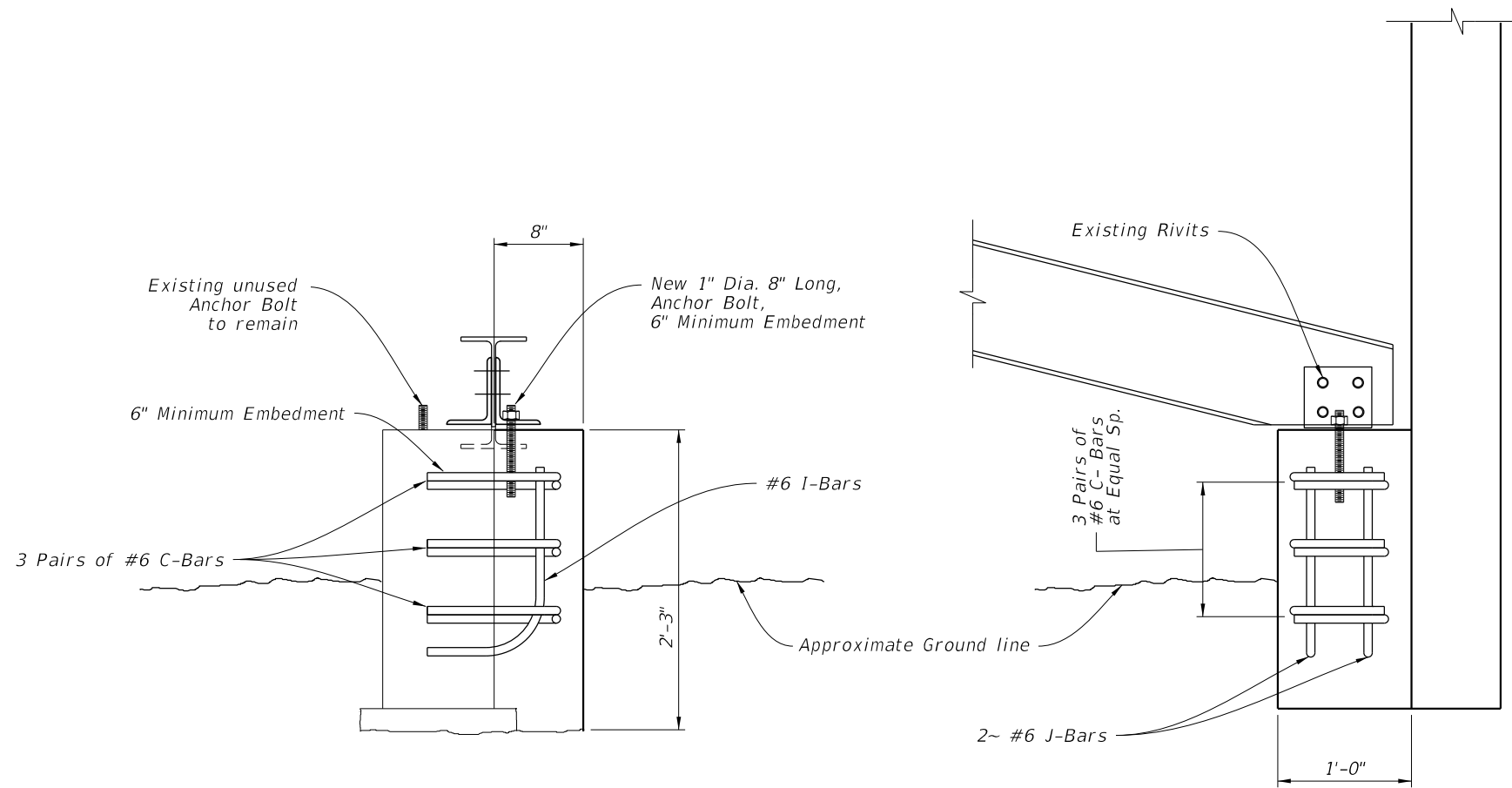
REPAIR LOCATION 20

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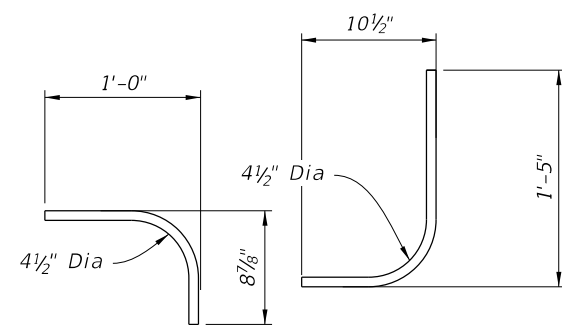
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SHEET TITLE: <b>STEEL REPAIR DETAILS SHEET 3</b>		SHEET NO. <b>7</b>
PROJECT NAME: <b>MEMORIAL STADIUM REPARS</b>		



Foundation Repair (Looking West)

Foundation Repair (Looking South)



#6 C-Bars

#6 J-Bars

REPAIR LOCATION 18

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SHEET TITLE: <b>CONCRETE REPAIR DETAILS SHEET</b>		PROJECT NAME: <b>MEMORIAL STADIUM REPAIRS</b>	SHEET NO. <b>8</b>
DATE			