

Elevation View

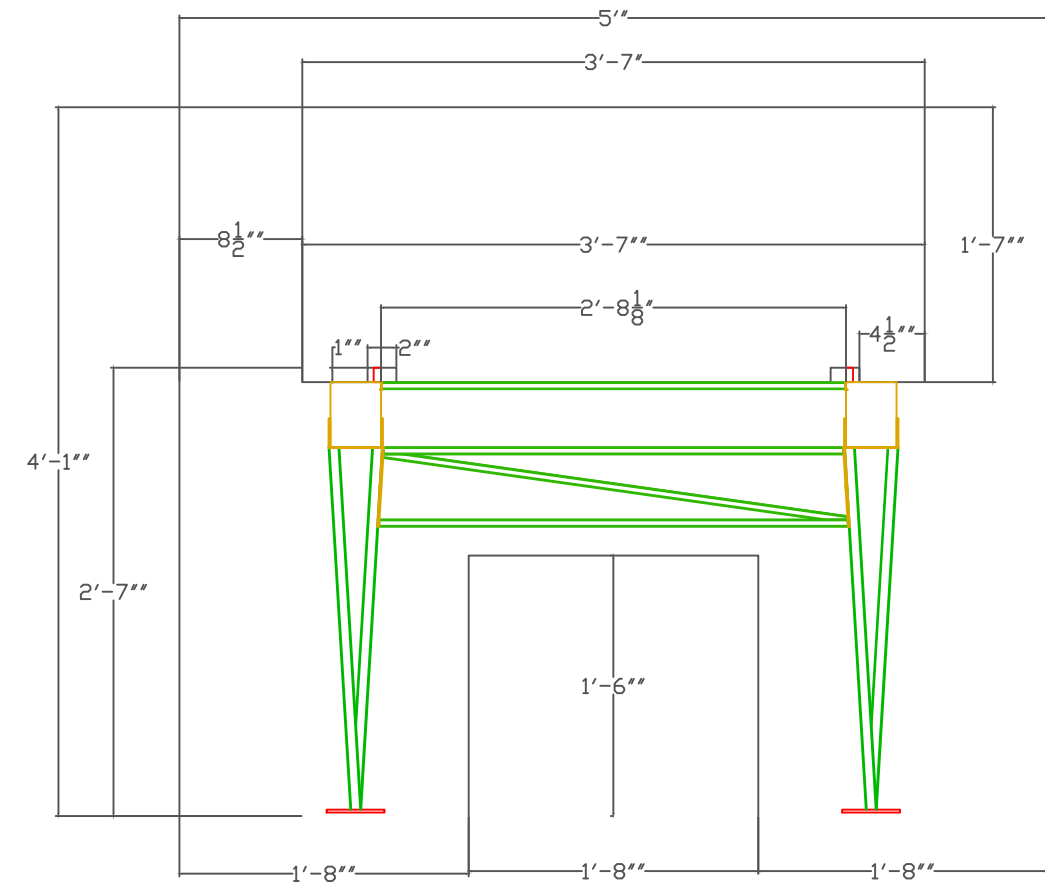
General Notes

No.	Revision/Issue	Date

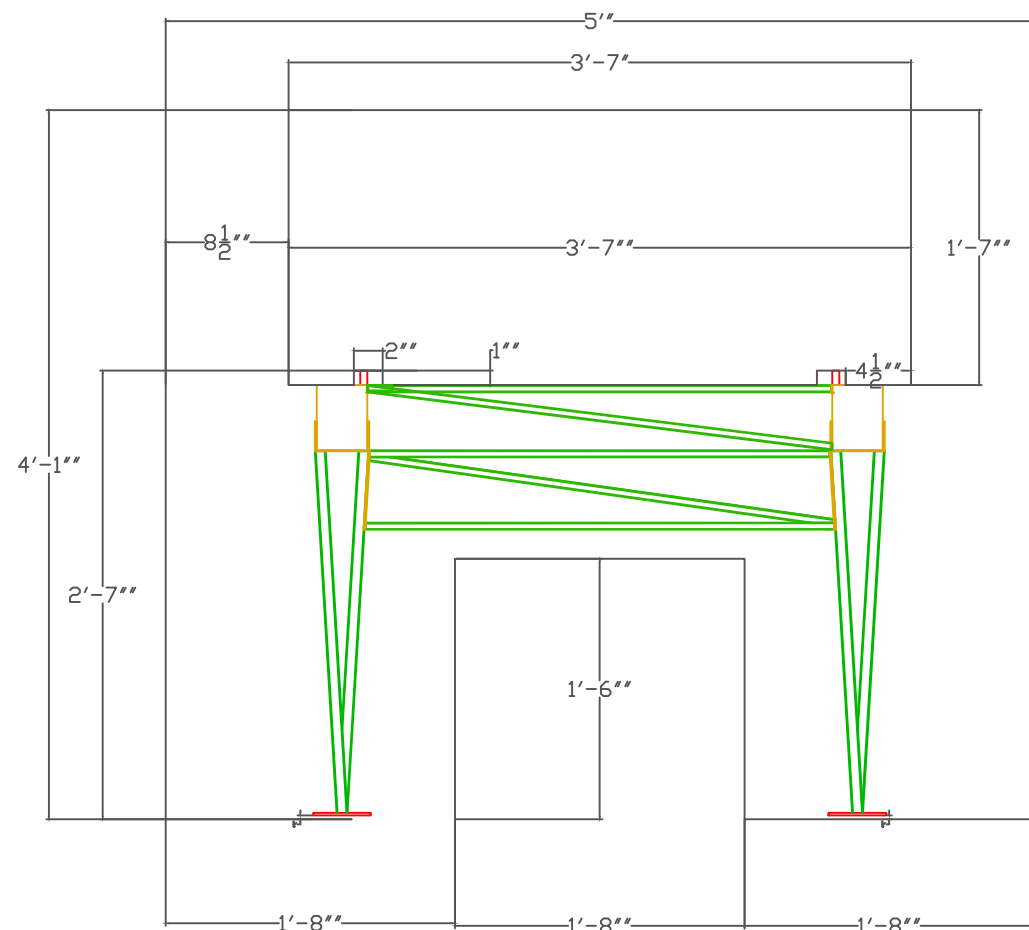
Firm Name and Address

Project Name and Address  
 Steel Bridge  
 AISC/ASCE  
 NAU  
 CENE

Project	Steel Bridge	Sheet	1
Date	2/5/2017		
Scale	As Noted		



End View From Foundation A  
Some diagonal bracing is excluded for clarity



End View From Foundation C  
Some diagonal bracing is excluded for clarity

General Notes

No.	Revision/Issue	Date

Firm Name and Address

Project Name and Address

Steel Bridge  
AISC/ASCE  
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CENE

Project	Steel Bridge	Sheet	2
Date	2/5/2017		
Scale	As Noted		

General Notes

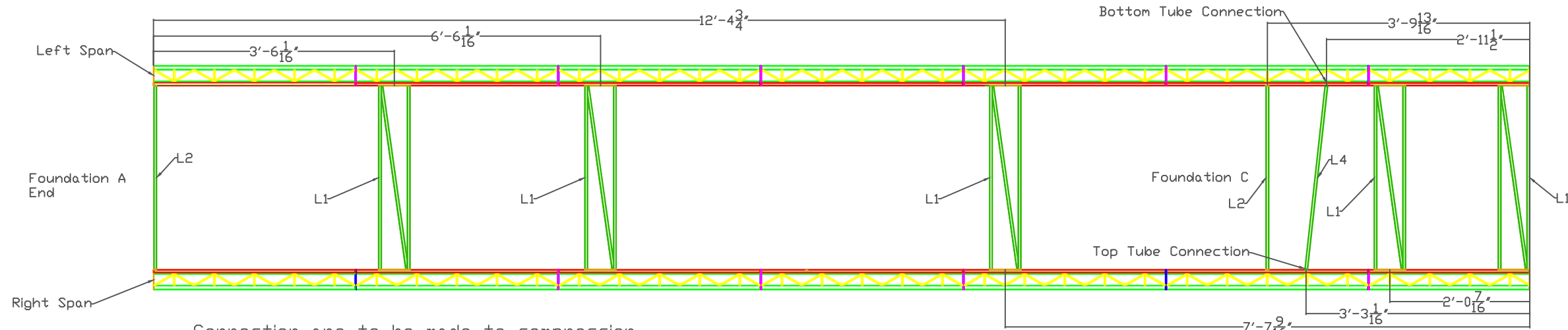
No.	Revision/Issue	Date

Firm Name and Address

Project Name and Address

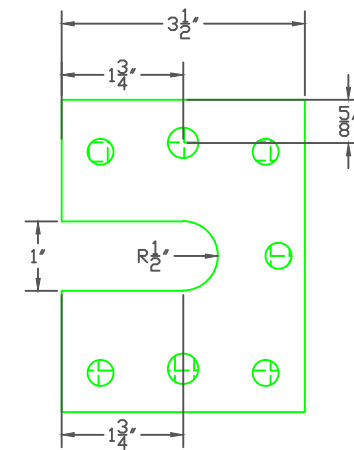
Steel Bridge  
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Project	Steel Bridge	Sheet	3
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Scale	As Noted		



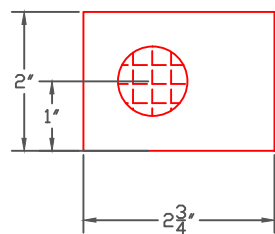
Connection are to be made to compression members unless specifically noted otherwise

Plan View

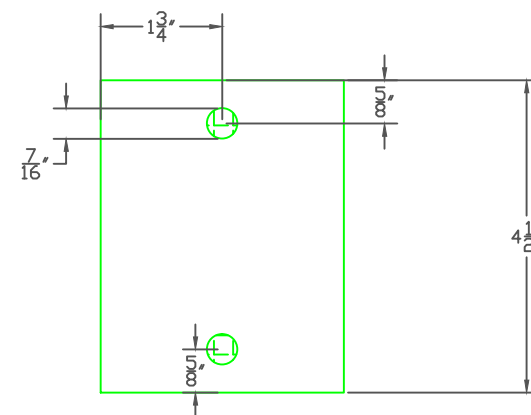
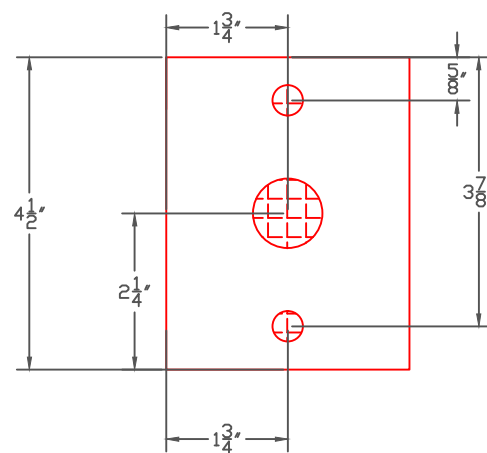
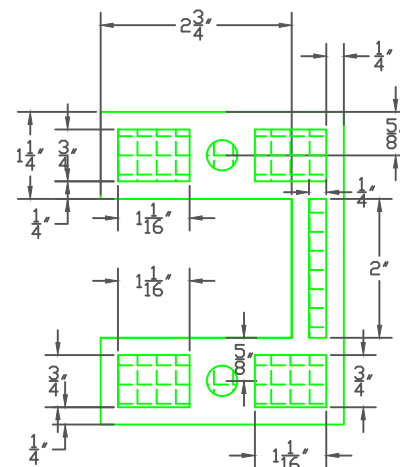


Female Joint Pieces

Male Joint Pieces



1" Hollow tube connects both pieces

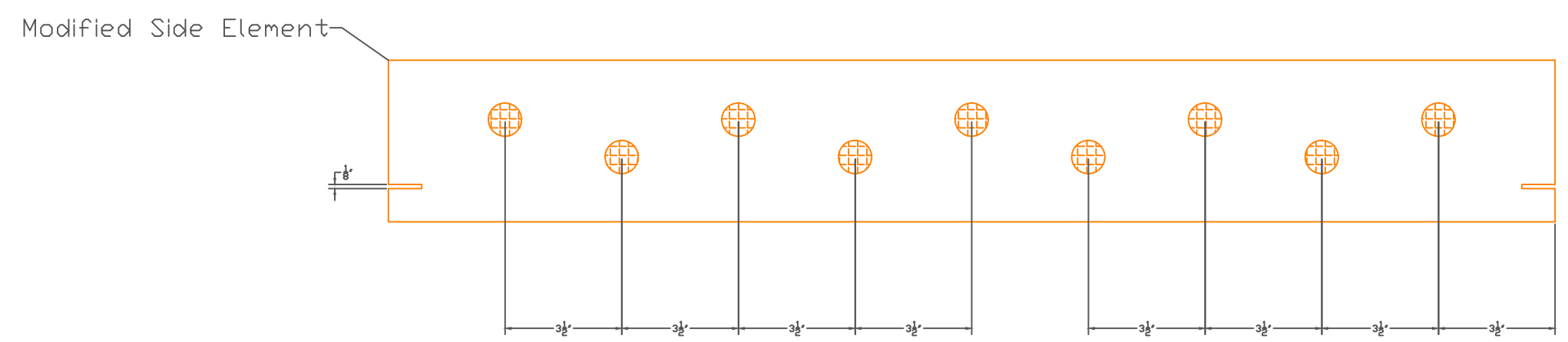
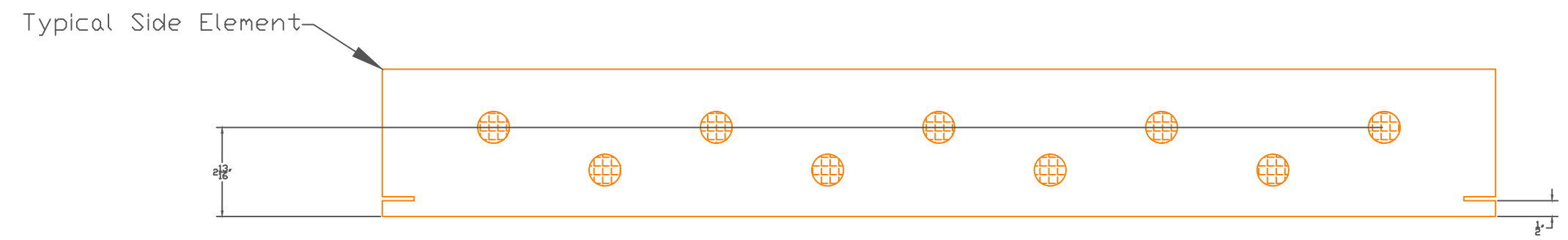
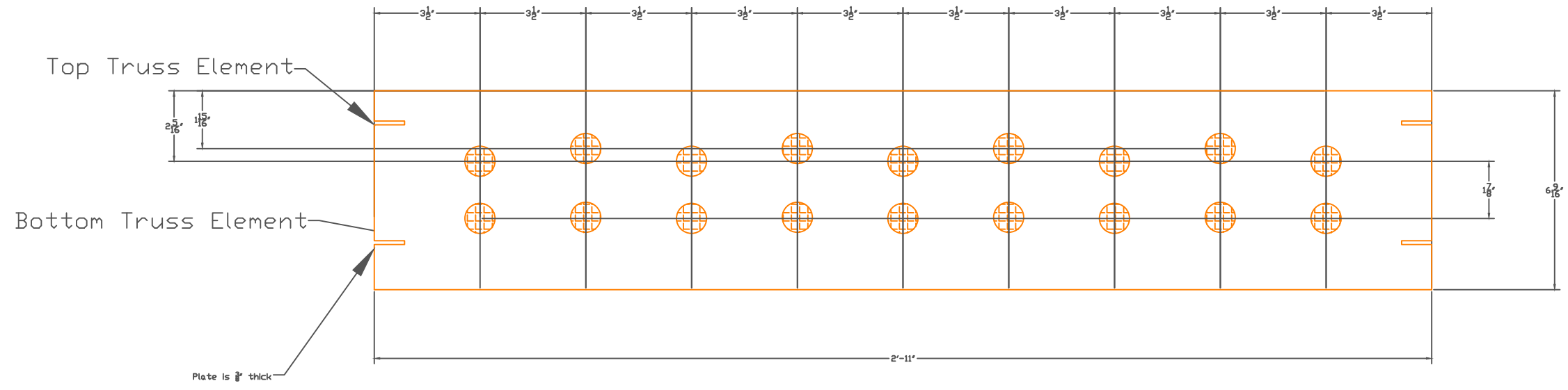


No.	Revision/Issue	Date

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Project	Steel Bridge	Sheet	4
Date	2/5/2017		
Scale	As Noted		



General Notes

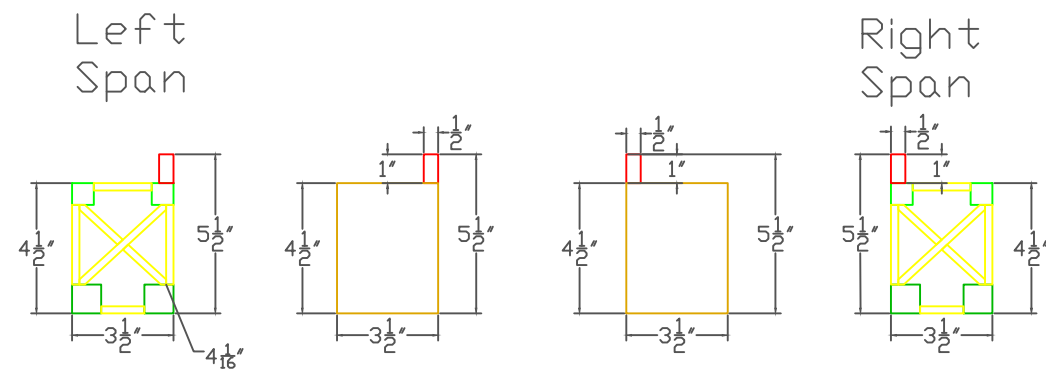
No.	Revision/Issue	Date

Firm Name and Address

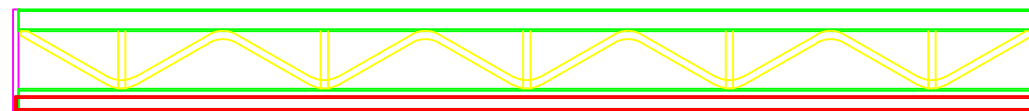
Project Name and Address

Steel Bridge  
AISC/ASCE  
NAU  
CENE

Project	Steel Bridge	Sheet	5
Date	2/5/2017		
Scale	As Noted		

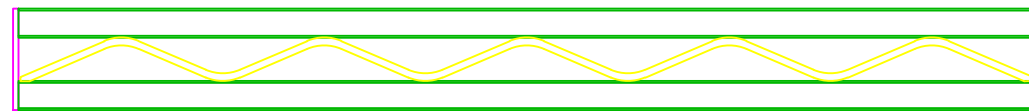


Cross Section

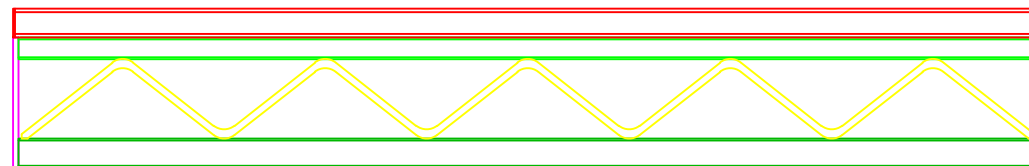


TOP

Refer to Page 2 of drawings for HSS 1"x $\frac{1}{2}$ "x $\frac{1}{16}$ " template



BOTTOM



PLAN

Typical Span Truss  
(T1)

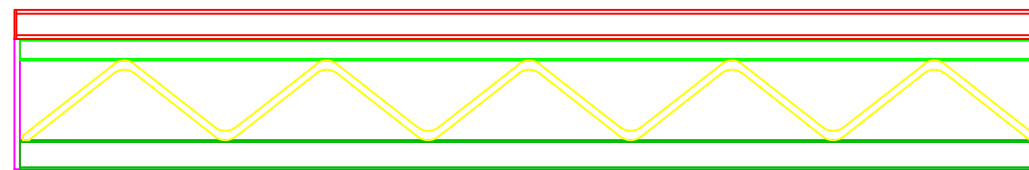
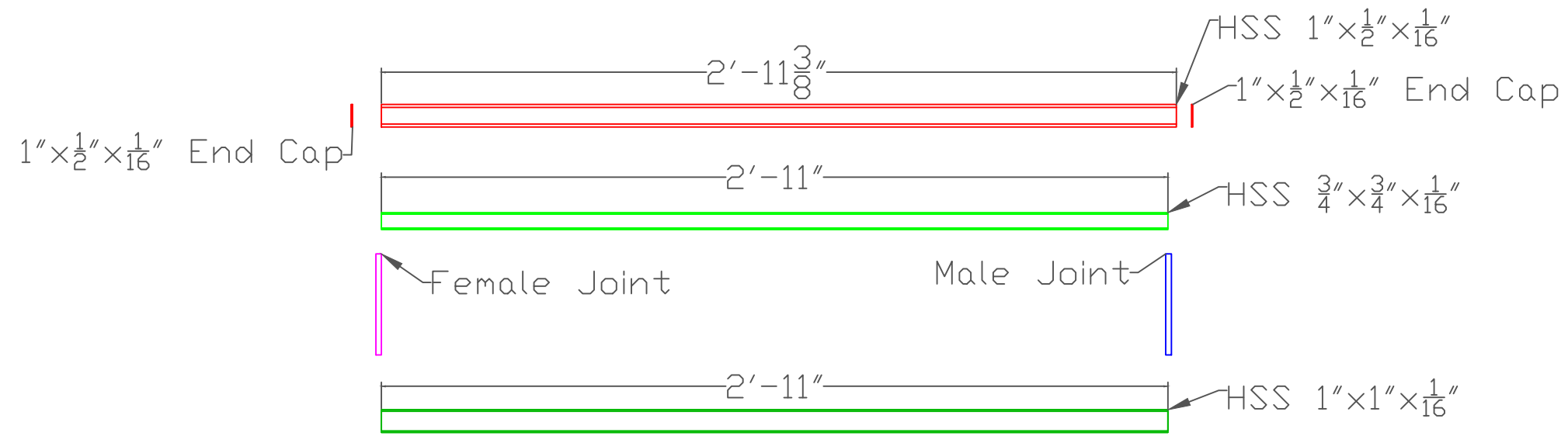
General Notes

No.	Revision/Issue	Date

Firm Name and Address

Project Name and Address  
Steel Bridge  
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CENE

Project	Steel Bridge	Sheet	6
Date	2/5/2017		
Scale	As Noted		



PLAN  
 Typical Span Truss  
 (T1)

General Notes

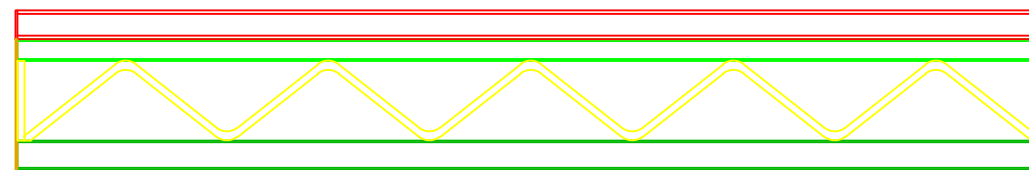
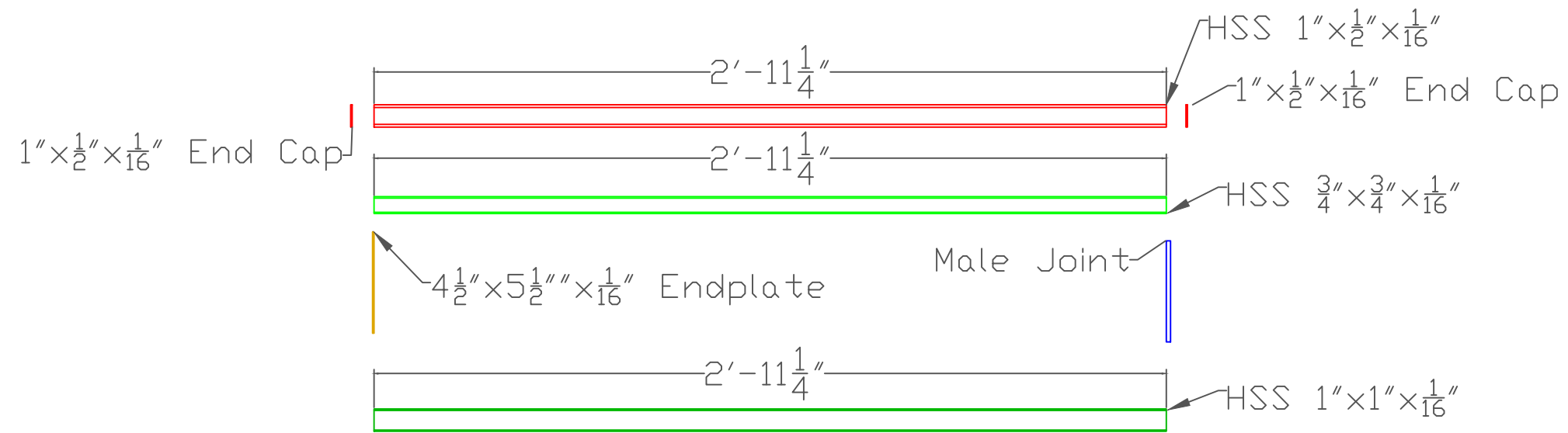
No.	Revision/Issue	Date

Firm Name and Address

Project Name and Address

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Project	Steel Bridge	Sheet	7
Date	2/5/2017		
Scale	As Noted		



Foundation A Truss (T2)  
 Typical Mini Truss Element  
 End (Modified)

General Notes

No.	Revision/Issue	Date

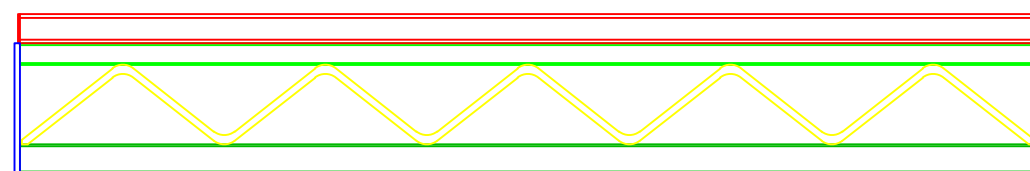
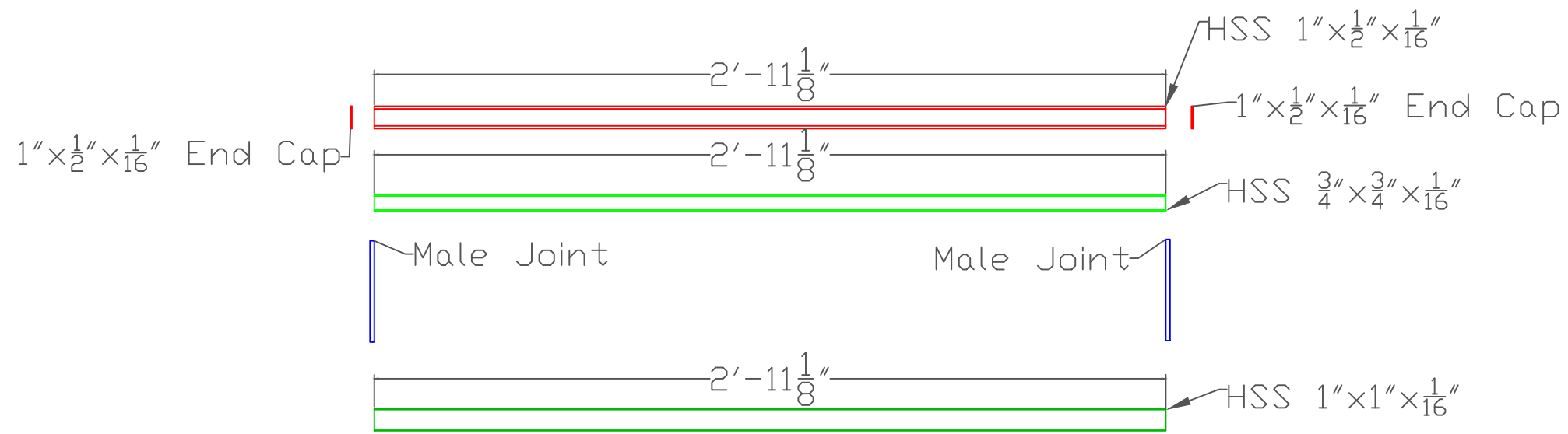
Firm Name and Address

Project Name and Address

Steel Bridge  
 AISC/ASCE  
 NAU  
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Project	Steel Bridge	Sheet	8
Date	2/5/2017		
Scale	As Noted		





Center Truss (T3)  
 Typical Mini Truss  
 Element

General Notes

No.	Revision/Issue	Date

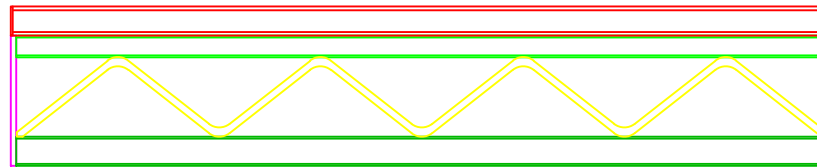
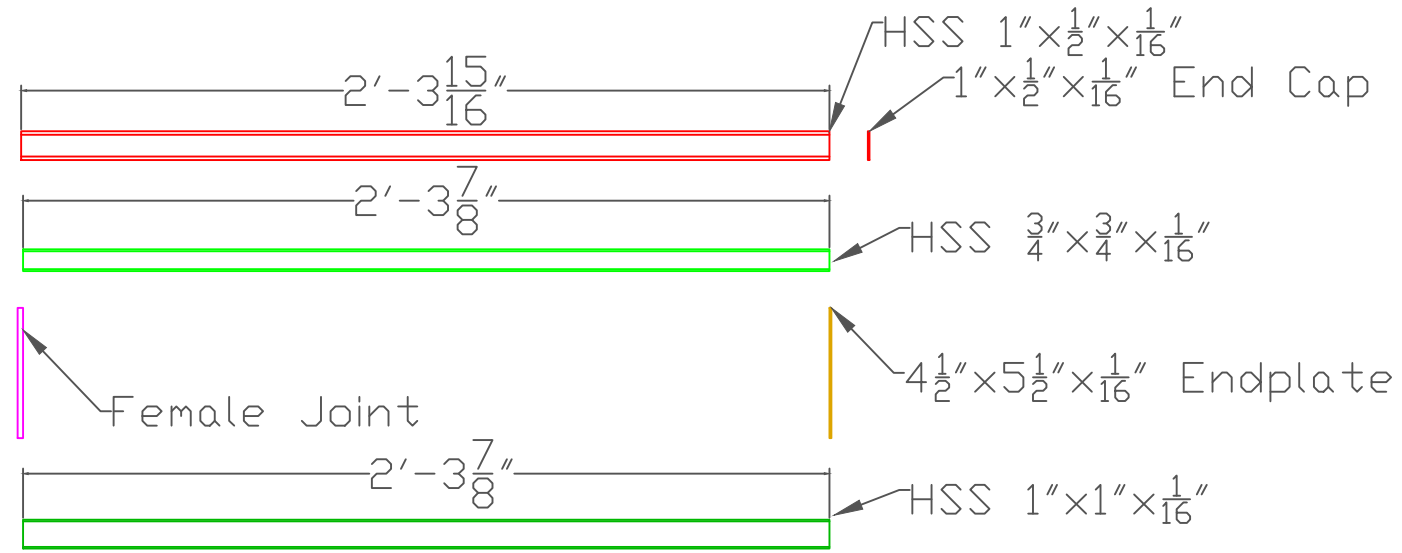
Firm Name and Address

Project Name and Address

Steel Bridge  
 AISC/ASCE  
 NAU  
 CENE

Project	Steel Bridge	Sheet	9
Date	2/5/2017		
Scale	As Noted		

1" x 1/2" x 1/16" End Cap



Cantilever Truss  
(T4)  
Typical Mini Truss  
Element All Lengths  
(Modified)

General Notes

No.	Revision/Issue	Date

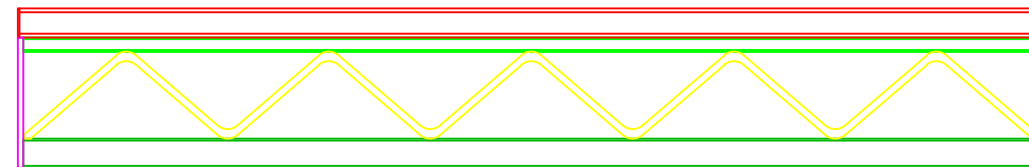
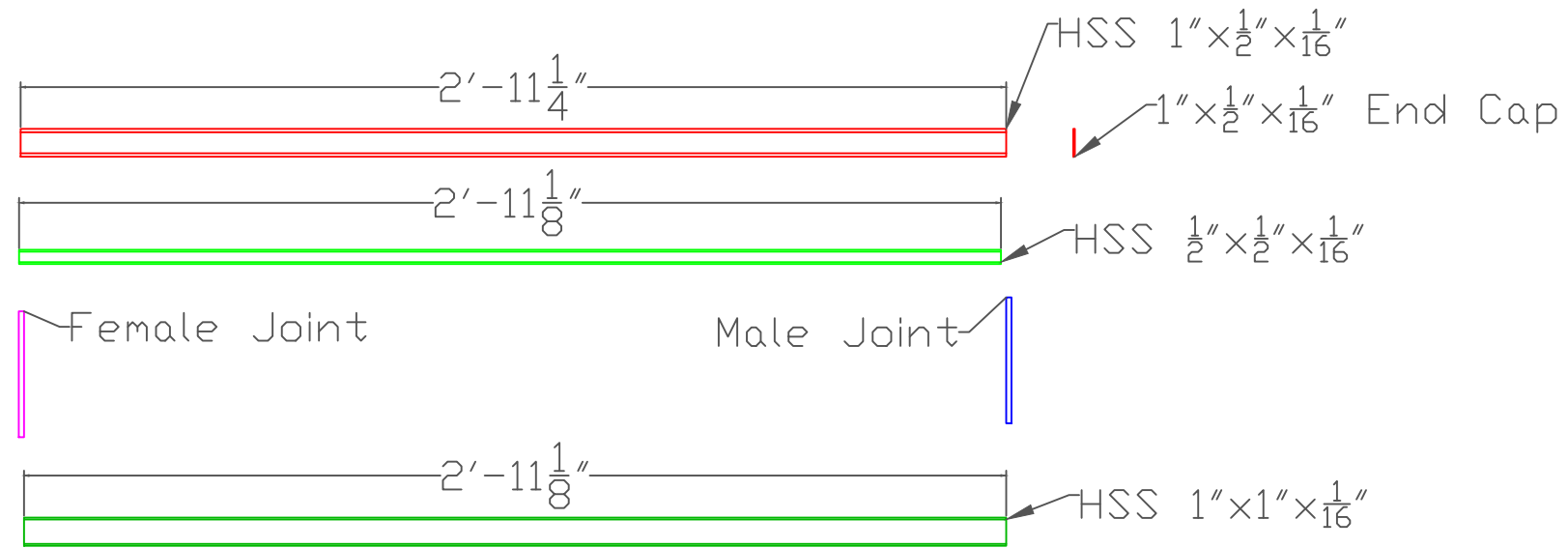
Firm Name and Address

Project Name and Address

Steel Bridge  
AISC/ASCE  
NAU  
CENE

Project	Steel Bridge	Sheet	10
Date	2/5/2017	Scale	
Scale	As Noted		

1" x 1/2" x 1/16" End Cap



Foundation C Truss (T5)  
 Foundation C Mini Truss  
 Side (Modified)  
 All others Typical

General Notes

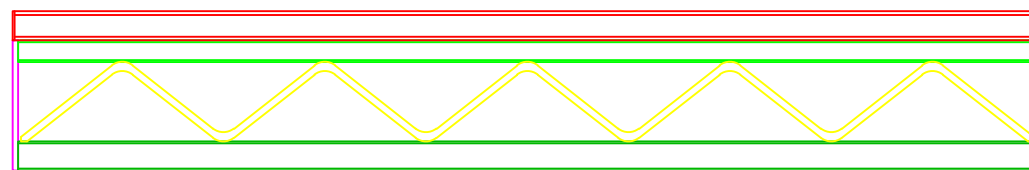
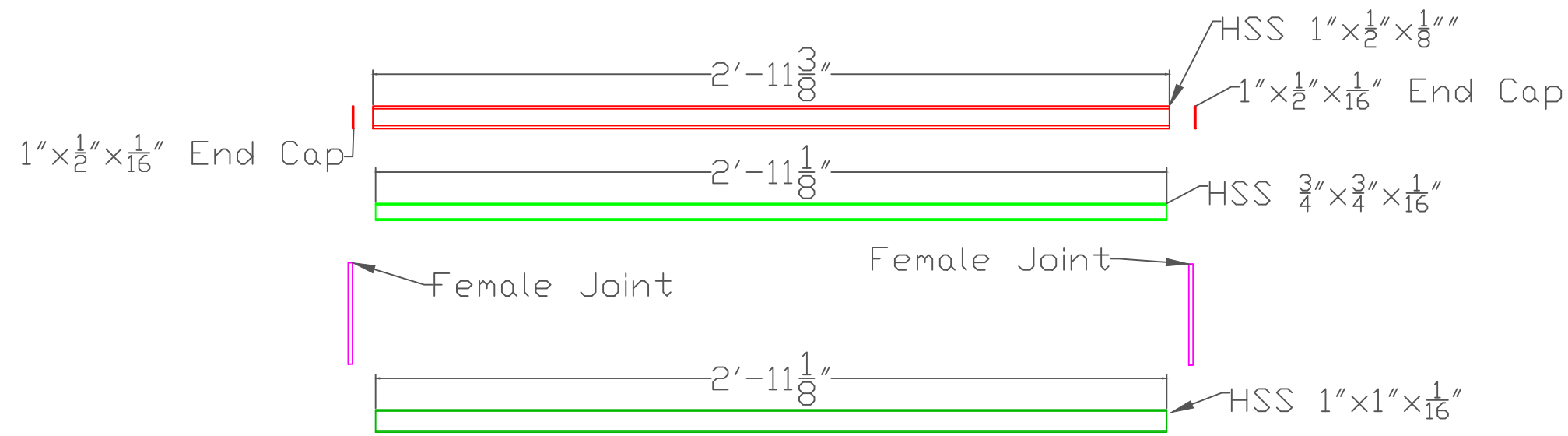
No.	Revision/Issue	Date

Firm Name and Address

Project Name and Address

Steel Bridge  
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 CENE

Project	Steel Bridge	Sheet	11
Date	2/5/2017		
Scale	As Noted		



Double Female Truss  
(T6)

All mini truss components  
are standard sizes

General Notes

No.	Revision/Issue	Date

Firm Name and Address

Project Name and Address

Steel Bridge  
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NAU  
CENE

Project Steel Bridge

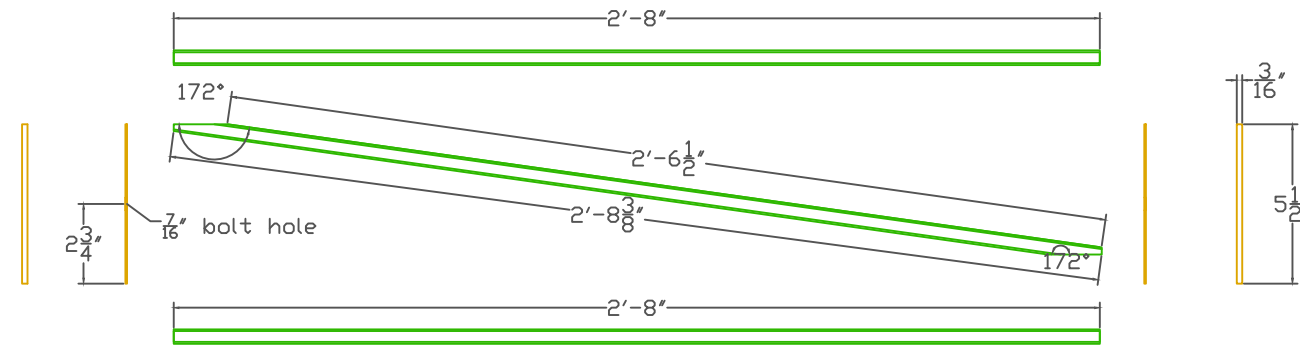
Date 2/5/2017

Scale As Noted

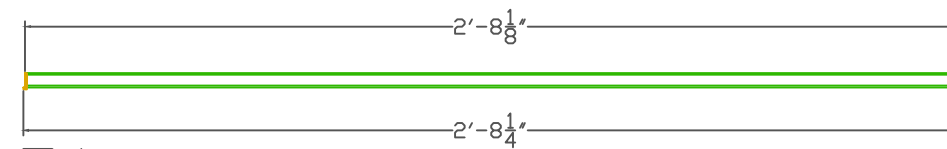
Sheet

12

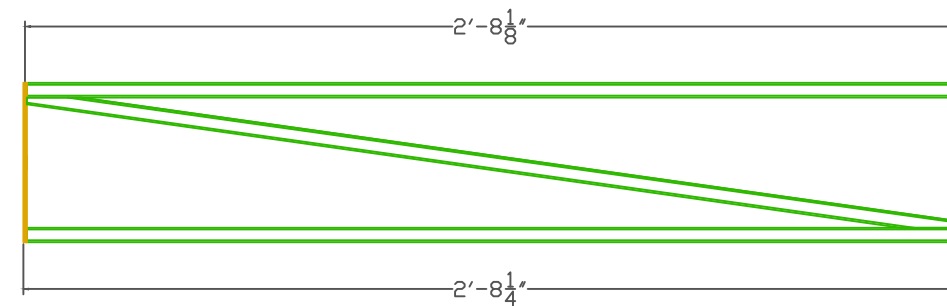
\*All tubes are HSS 1/2"x1/2"x1/8"  
 \*Ends are constructed from 1/8" plate



Lateral Plate installed with plate lip toward ground



Plan



Elevation

Typical Lateral Bracing (L1)

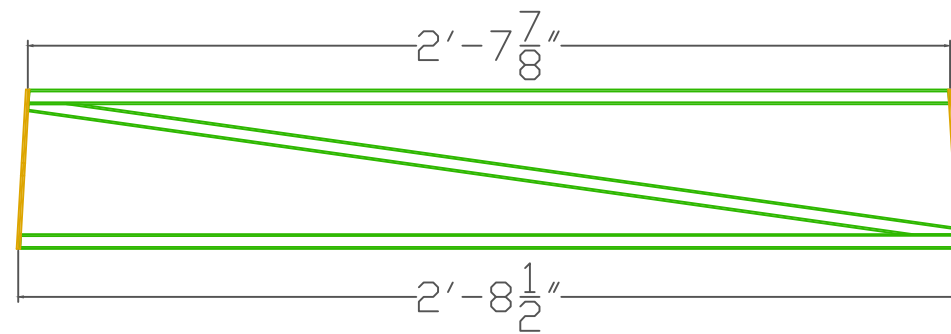
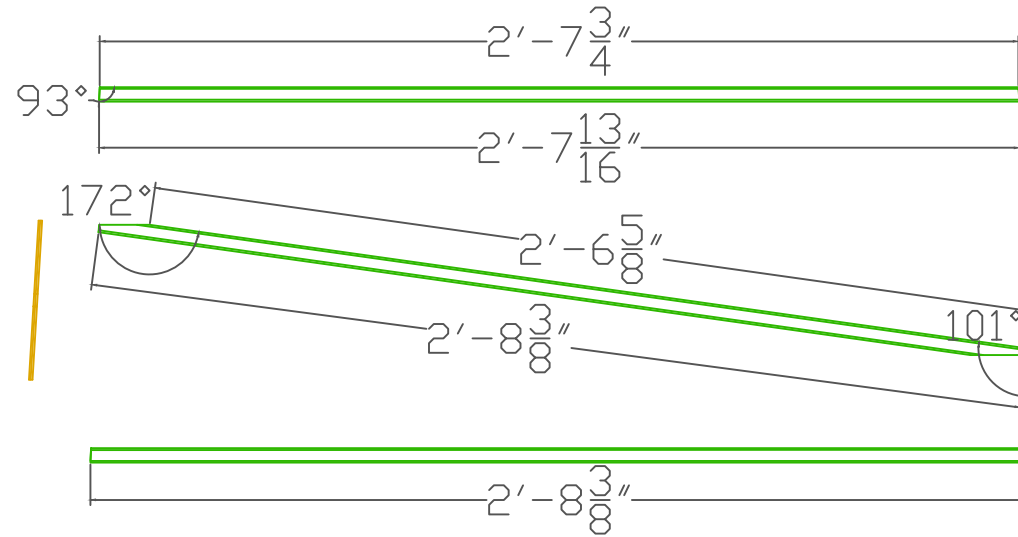
No.	Revision/Issue	Date

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Project Name and Address  
 Steel Bridge  
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Project	Steel Bridge	Sheet	13
Date	2/5/2017		
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\*All tubes are HSS  $\frac{1}{2}$ "x $\frac{1}{2}$ "x $\frac{1}{16}$ "  
 \*Ends are constructed from  $\frac{1}{16}$ " plate,  
 and is the same as L1 ends



Foundation Lateral Bracing (L2)  
 Tapering upward to align with  
 vertical supports

General Notes

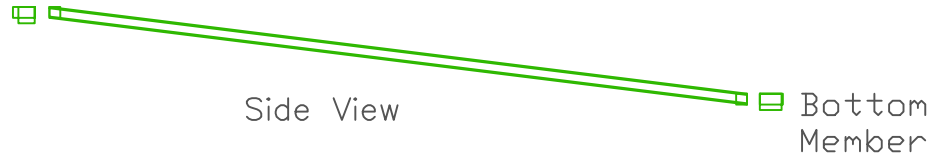
No.	Revision/Issue	Date

Firm Name and Address

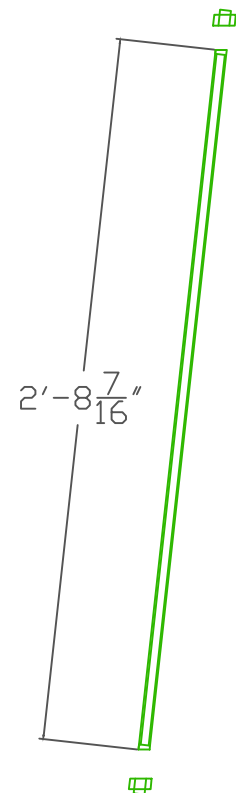
Project Name and Address  
 Steel Bridge  
 AISC/ASCE  
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 CENE

Project	Steel Bridge	Sheet	14
Date	2/5/2017		
Scale	As Noted		

Top member

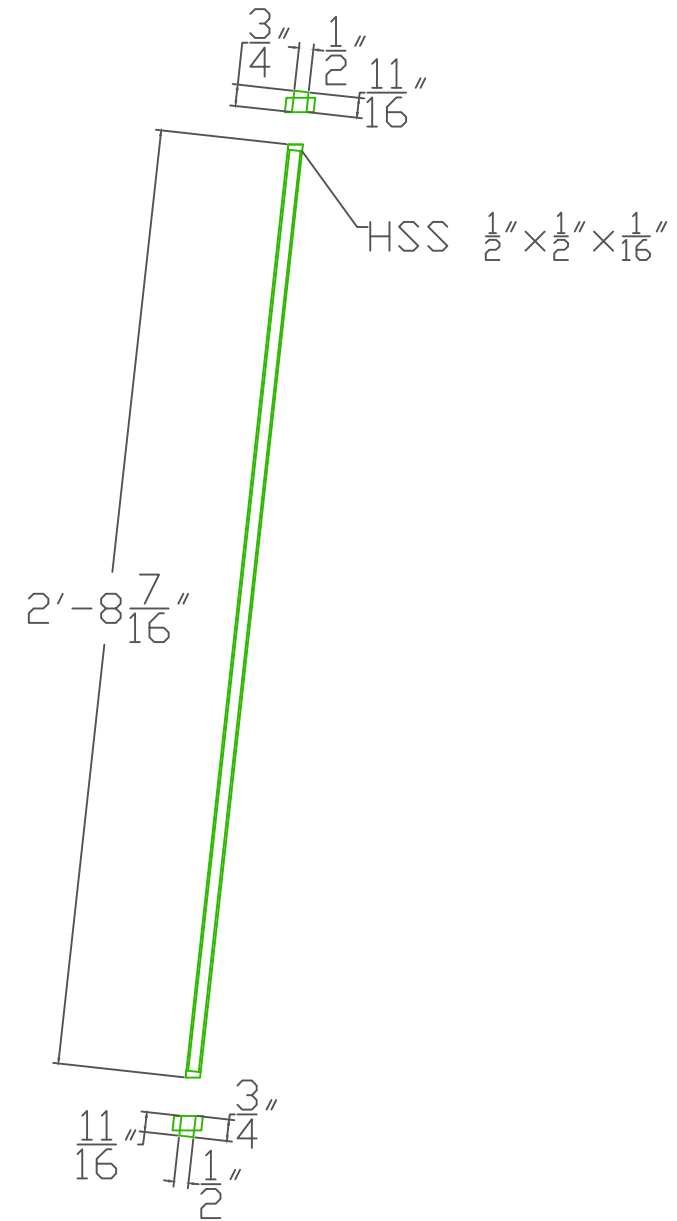


Side View



Top View

Lateral Bracing (L4)



General Notes

No.	Revision/Issue	Date

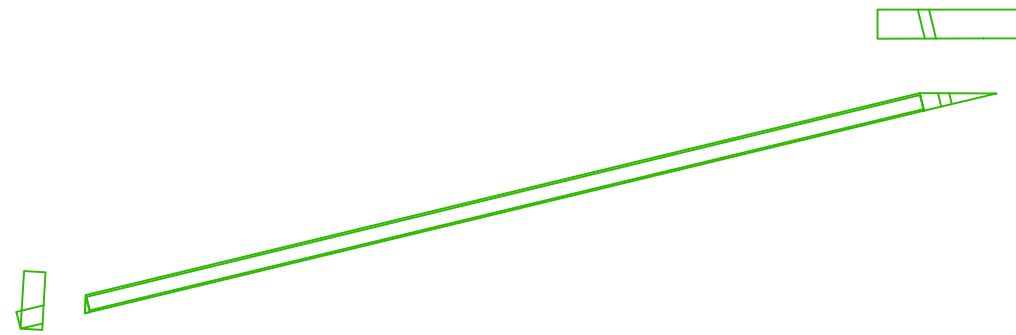
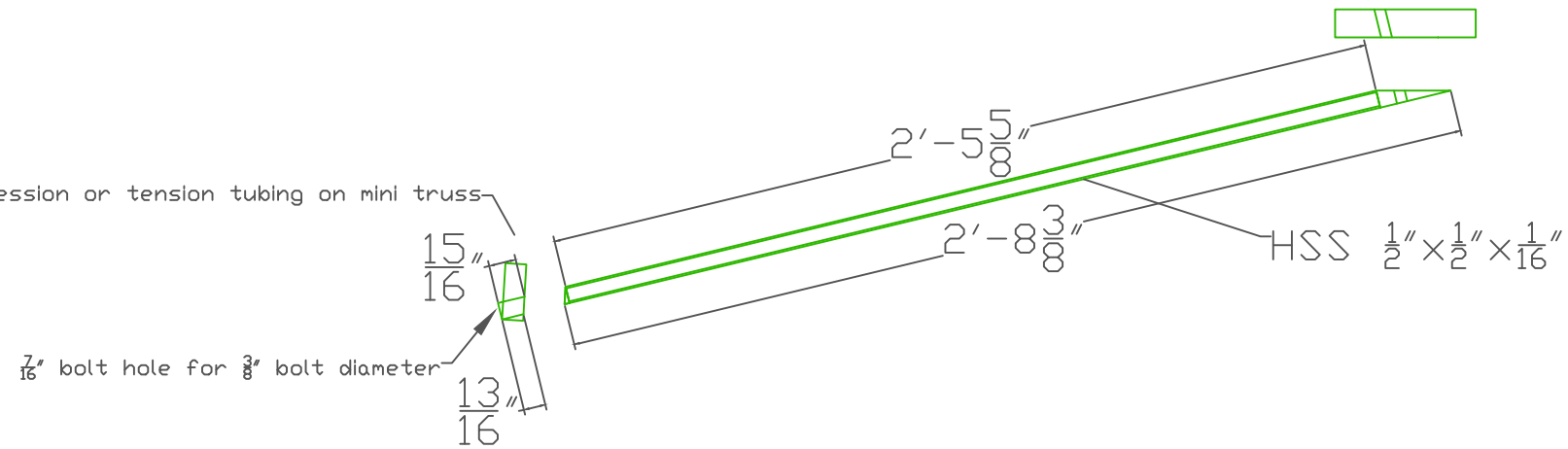
Firm Name and Address

Project Name and Address

Steel Bridge  
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NAU  
CENE

Project	Steel Bridge	Sheet	15
Date	2/5/2017	Scale	
Scale	As Noted		

Cross section of compression or tension tubing on mini truss



Elevation View

# Vertical Bracing (V1)

General Notes

No.	Revision/Issue	Date

Firm Name and Address

Project Name and Address

Steel Bridge  
AISC/ASCE  
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CENE

Project Steel Bridge

Date 2/5/2017

Scale As Noted

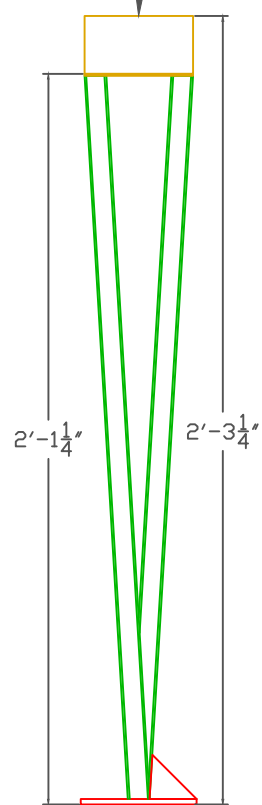
Sheet

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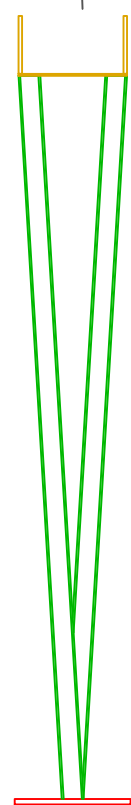


Vertical Plates on all foundations are  $\frac{1}{8}$ " plate

Shim as needed



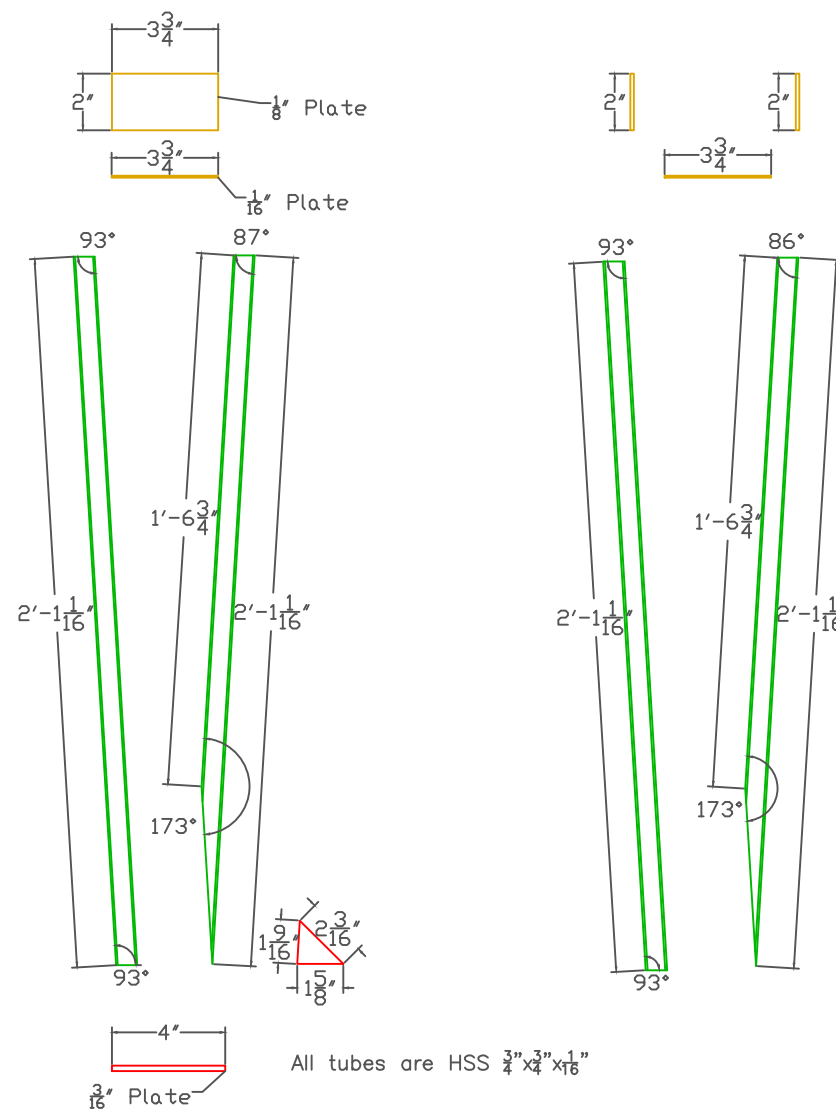
Side



Rear

# Foundation Support (F1)

Red gusset plate points toward main span

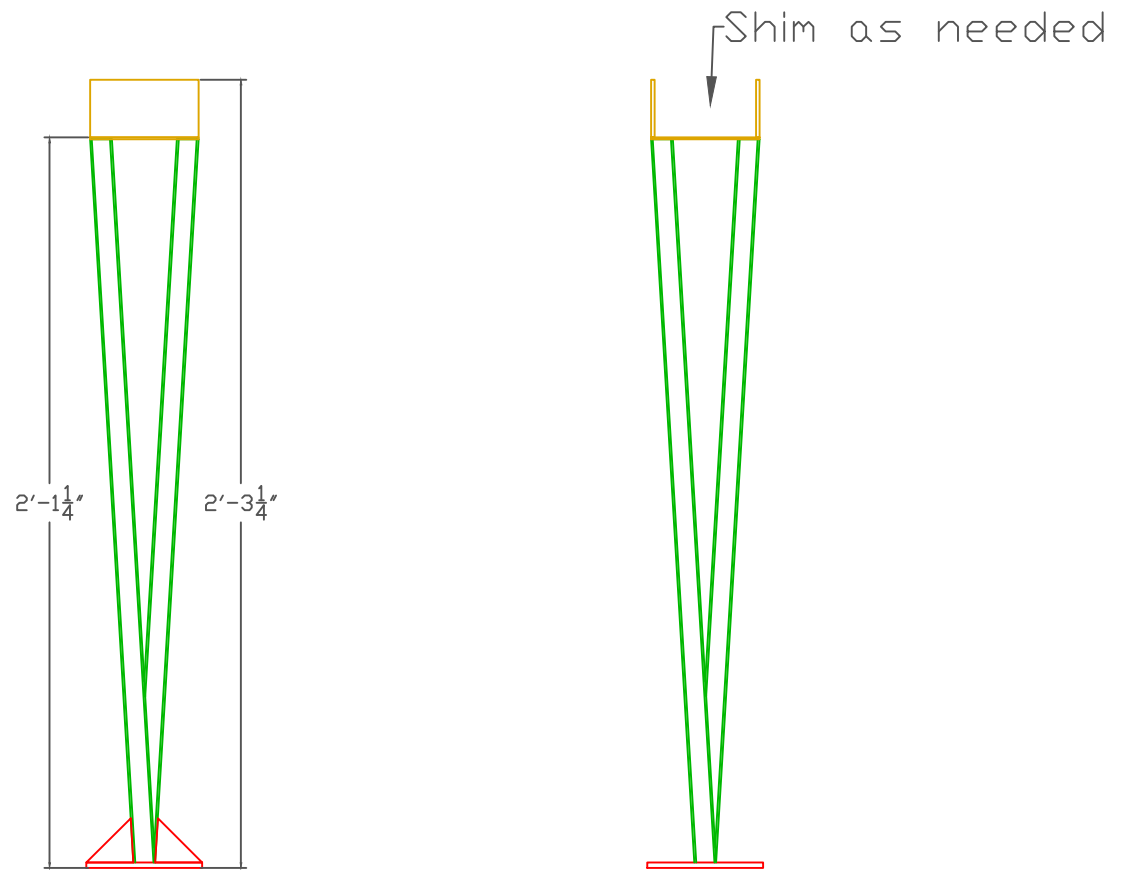


No.	Revision/Issue	Date

Firm Name and Address

Project Name and Address  
 Steel Bridge  
 AISC/ASCE  
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 CENE

Project	Steel Bridge	Sheet	17
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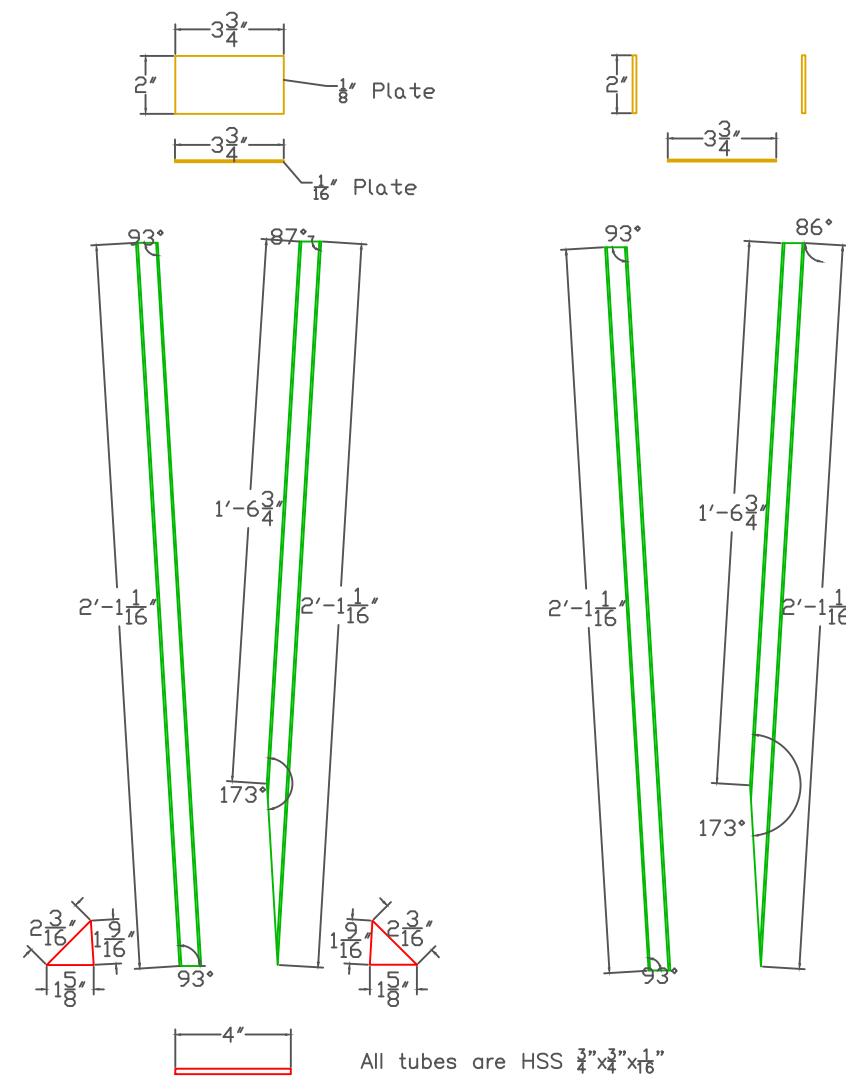


Side

Rear

# Foundation Support (F2)

Red gusset plate pointing to both spans



General Notes

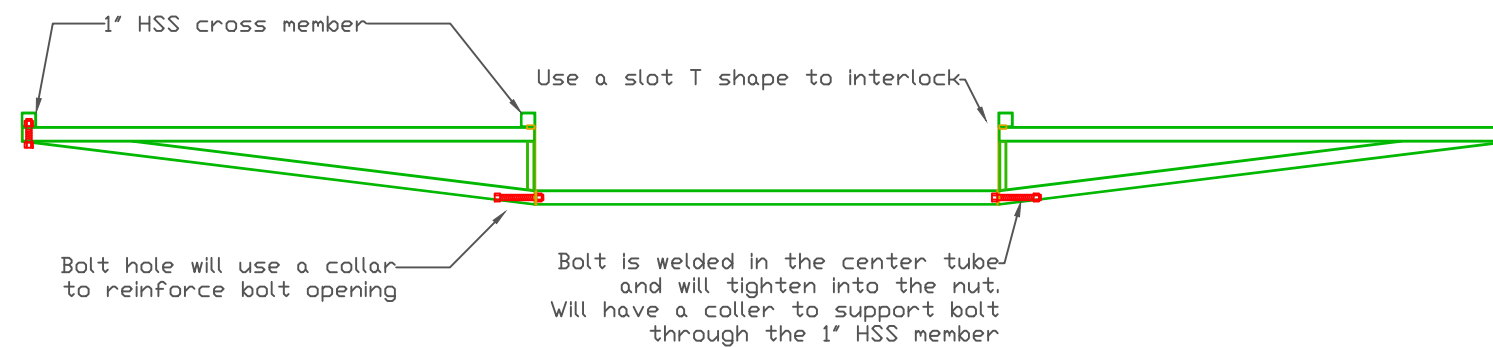
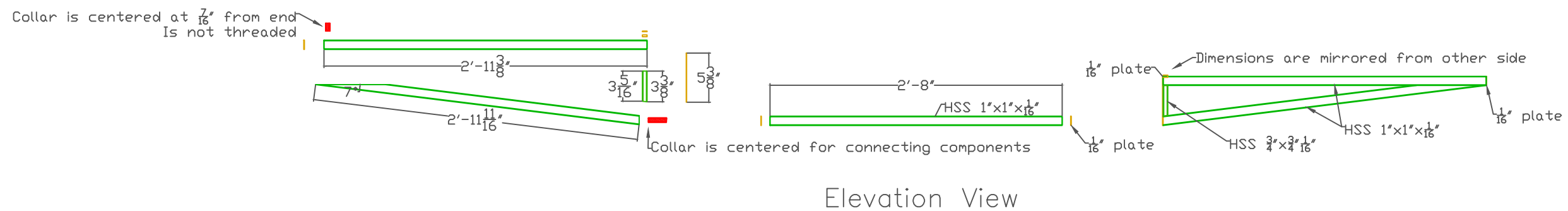
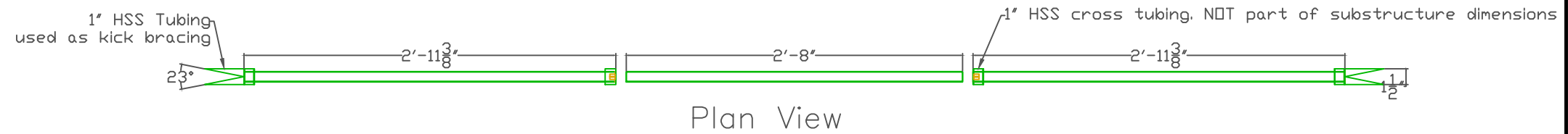
No.	Revision/Issue	Date

Firm Name and Address

Project Name and Address

Steel Bridge  
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Project	Steel Bridge	Sheet	18
Date	2/5/2017	Scale	
Scale	As Noted		



Span Substructure (S1)  
Bolt inspection holes and final bolt length are to be determined during mockup.

General Notes

No.	Revision/Issue	Date

Firm Name and Address

Project Name and Address

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Project

Steel Bridge

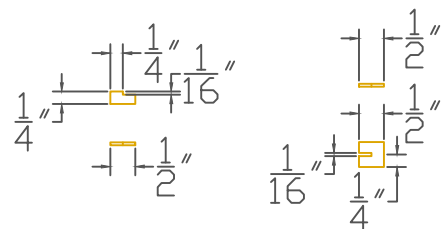
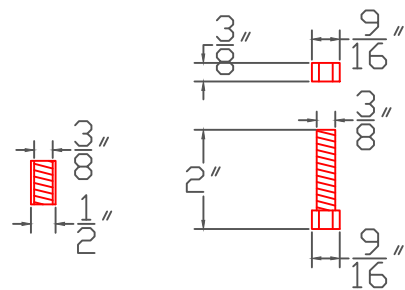
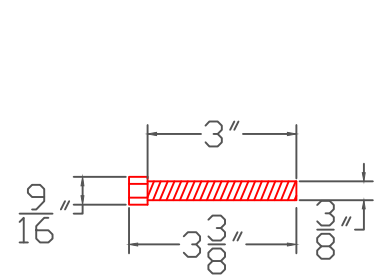
Date  
2/5/2017

Scale  
As Noted

Sheet

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# Substructure Connection Details



No.	Revision/Issue	Date

Firm Name and Address

Project Name and Address  
 Steel Bridge  
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 CENE

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