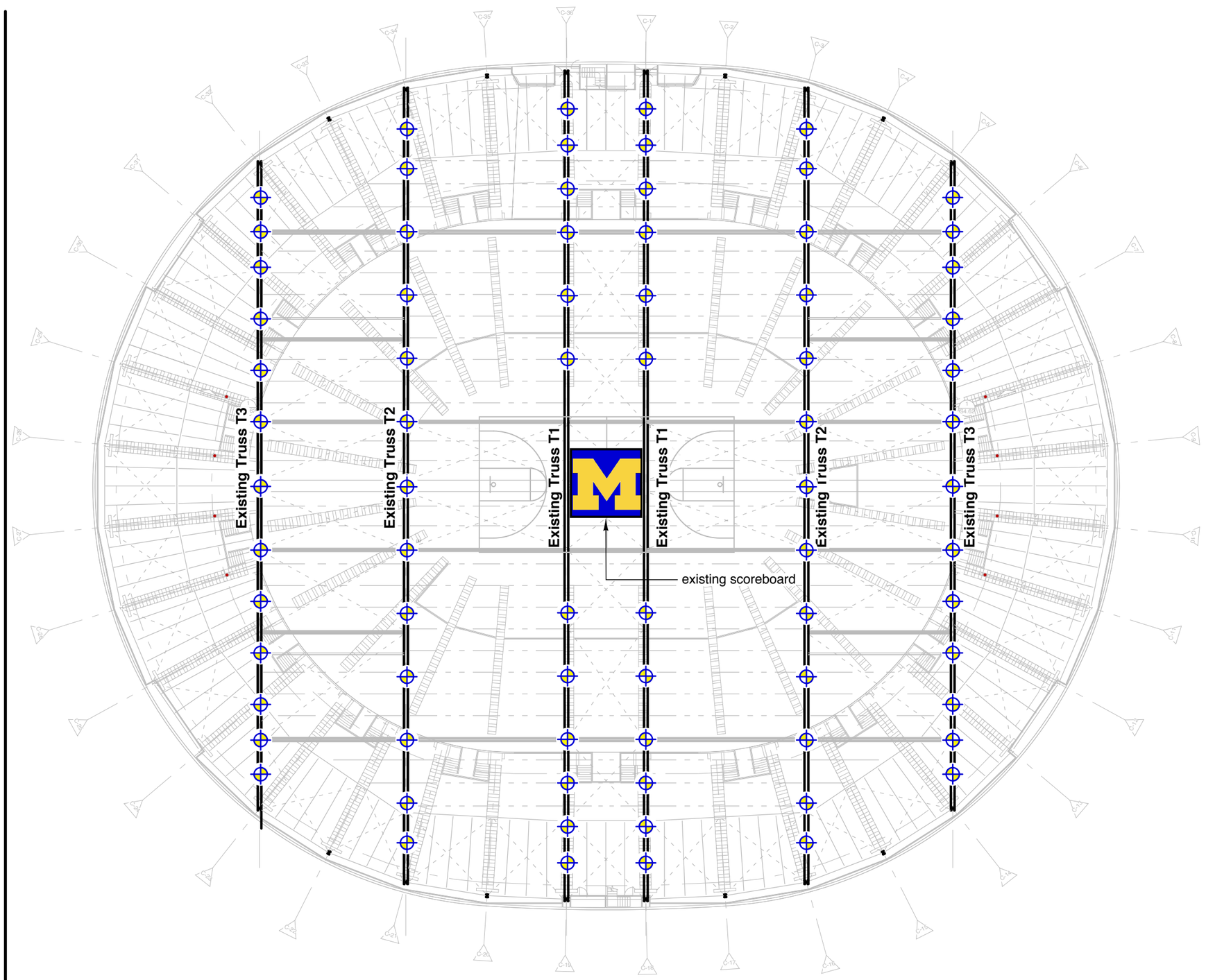


Rigging Loading General Notes

⊕ Indicates permissable rigging load applied to one of the 6 existing girder trusses

All loads indicated are static loads and do not include dynamic effects. Loads are unfactored service level values. Loads indicated are based on existing as-built drawings and field observations. Modifications to the building structure will nullify this document

All rigging loads must be located at truss panel points, see sheet S2 for rigging load values. and permitted locations Rigging loads located other than as shown are not permitted.

See S3 for graphic of typical permitted rigging load connection concept.

Rigging connections must be designed and sealed by a registered professional engineer in the State of Michigan. Prior to installation of any rigging, and with sufficient time for review and comment, the rigging contractor shall submit shop drawings sealed by the rigging contractor's registered engineer. Shop drawings shall include complete details of how the rigging is attached to the truss panel point

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PROJECT TITLE

Crisler Arena
Rigging Load Study

University of Michigan
Ann Arbor, Michigan

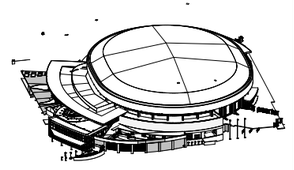
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Rigging Load Plan and General Notes

ISSUE DATES

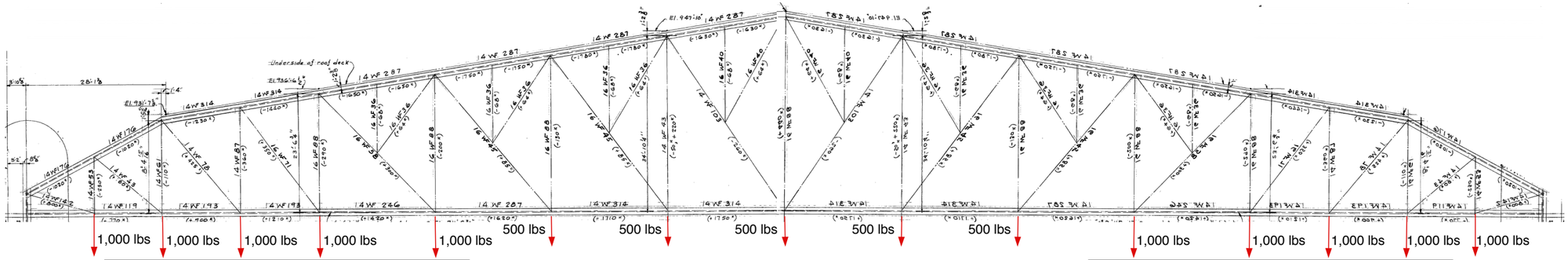
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S1



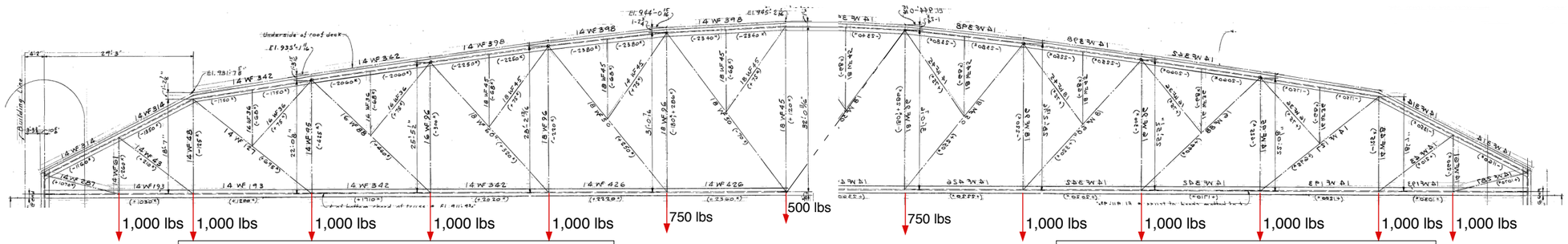
Total Allowable Load on West Half of T3 = 5,000 lbs

Total Allowable Load on East Half of T3 = 5,000 lbs

3/S2 **Truss T3** Allowable Rigging Loads

Total Allowable Load on Truss T3 = 10,000 lbs

caution: the sum of each individual point load must not exceed the total allowable load on truss



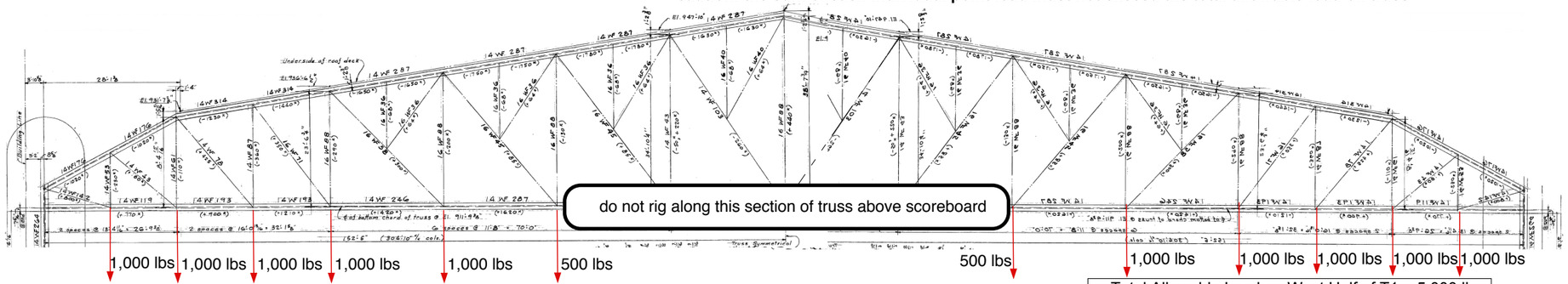
Total Allowable Load on West Half of T2 = 5,000 lbs (5 kip)

Total Allowable Load on East Half of T2 = 5,000 lbs

2/S2 **Truss T2** Allowable Rigging Loads

Total Allowable Load on Truss T2 = 10,000 lbs

caution: the sum of each individual point load must not exceed the total allowable load on truss



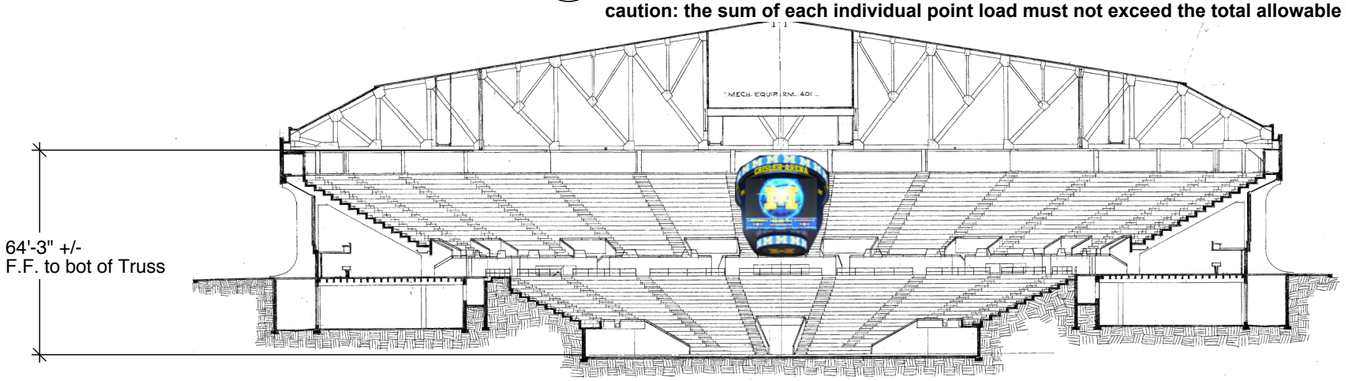
Total Allowable Load on West Half of T1 = 5,000 lbs

Total Allowable Load on East Half of T1 = 5,000 lbs

1/S2 **Truss T1** Allowable Rigging Loads

Total Allowable Load on Truss T1 = 10,000 lbs

caution: the sum of each individual point load must not exceed the total allowable load on truss



0/S2 Overall Section

note:

X lbs indicates the maximum safe working load that can be suspended from the existing truss, see S1 for further notes

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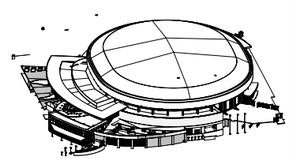
Rigging Allowable Loads

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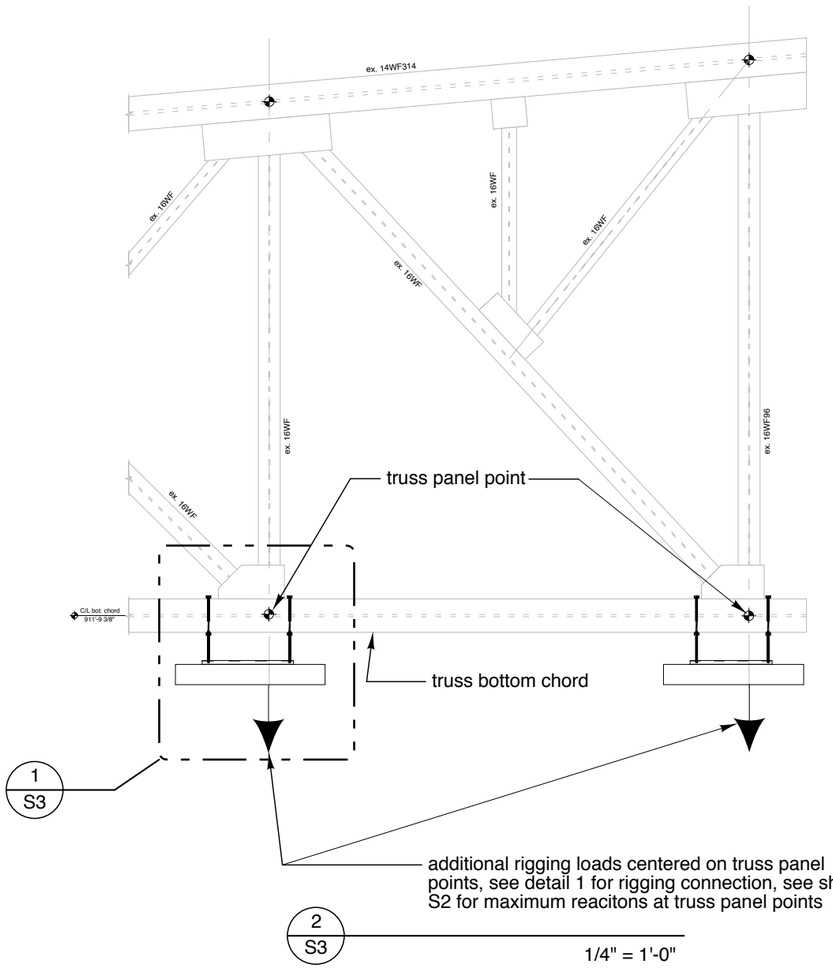
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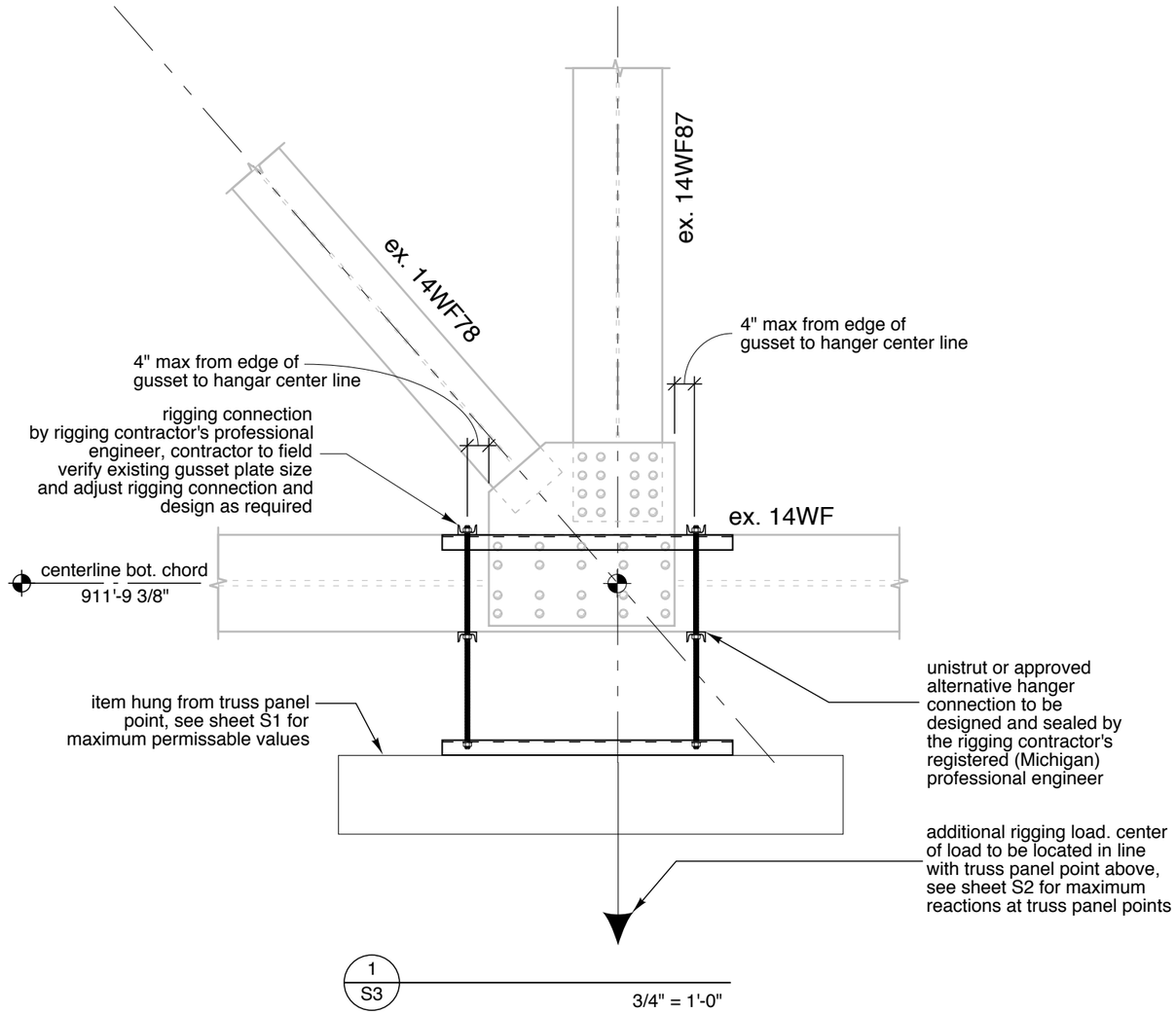
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S2





note: This connection detail is a concept only. The final rigging connection must be designed by the rigging contractor's registered engineer. See notes on S1 for further information

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PROJECT TITLE

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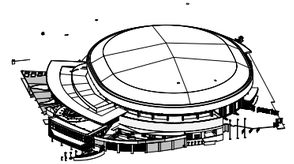
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Rigging Connection Details

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S3