



**PRE-ENGINEERED  
FLOOR DECKING SYSTEM**

Project Name:  
Marketing mezz #2

Date: 2022-10-28

Quote #: 490575

Rev #: 0

Client Name:  
The Safety Source

Section : Material

# PRELIMINARY APPROVAL PLAN

## DIMENSIONS AND DETAILS

- 60 lin ft of 2 Rail Handrail
- 60 lin ft of 4" High KickPlate

## MATERIAL FINISHES

- ALL COMPONENTS ARE GREY POWDER COAT EXCEPT FLOORING AND:
- HANDRAILS, KICKPLATE AND TREADS ARE GALVANIZED.
- GATES AND LADDERS ARE SAFETY YELLOW.

## IMPORTANT

- THE CAPACITY OF THE SLAB AND/OR FOUNDATION MUST BE VERIFIED BY THE CLIENT AND/OR THE OWNER.
- MEZZANINES ARE DESIGNED IN ACCORDANCE WITH THE AISC AND/OR CISC STANDARDS.
- ALL STRUCTURAL CONNECTIONS USE ASTM A325 BOLTS.

### Project

Marketing mezz #2

### Quoted To

[5006] The Safety Source  
35320 Forton Court  
Clinton Twp., MI  
48035 (USA)

### Location

MI  
48035 (USA)

**Attention:** [12089] Verde  
Van Sickle  
586.201.9815  
Fax: 586.716.2471  
Email:  
verde@safetysourcellc.com

### Design Criteria

Load Capacity (U.D.L. Live Load):  
Load Capacity (U.D.L. Dead Load):  
Max Vertical Deflection:  
Height:  
Surface  
Weight  
Bracing  
Max Required Joist Spacing  
Minimum Required Beam Size  
Minimum Required Post Size

125 PSF  
10 PSF  
L/300  
96" Deck  
200 sqft  
2,100.00 Lbs  
Knee  
53"  
8"  
5" x 5"

### Seismic Data

Zip Code  
Seismic Percentage  
V [kips]  
S<sub>s</sub>  
S<sub>1</sub>

48035  
2.50%  
.803  
.1140  
.0430

## IMPORTANT NOTES

The client and/or owner shall be responsible for all quantities and dimensions including the verification of, and coordination with field conditions.

The client and/or owner shall verify all critical dimensions and conditions of existing construction that relate to this project prior to manufacturing.

Cogan must be notified in writing of any elements found to be inconsistent or not compatible with the details indicated by these preliminary approval drawings.

The client and/or owner must submit signed (approved) drawings prior to the start of the production.

The client and/or owner shall be responsible for the building classification on all construction and warrant that all construction shall be governed by the latest edition of the state building code (including any revisions or addendas) and/or with any other applicable code or requirements of all authorities having jurisdiction.

Cogan reserves the right to adjust column sizes after approval stage to meet the required needs as final calculations will be executed before the project is produced.

Verify all dimensions and details carefully.



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**POSTS**

P0 : 5 x 5 (x4)

**BEAMS**

B0 : C14 - 120" (x2)

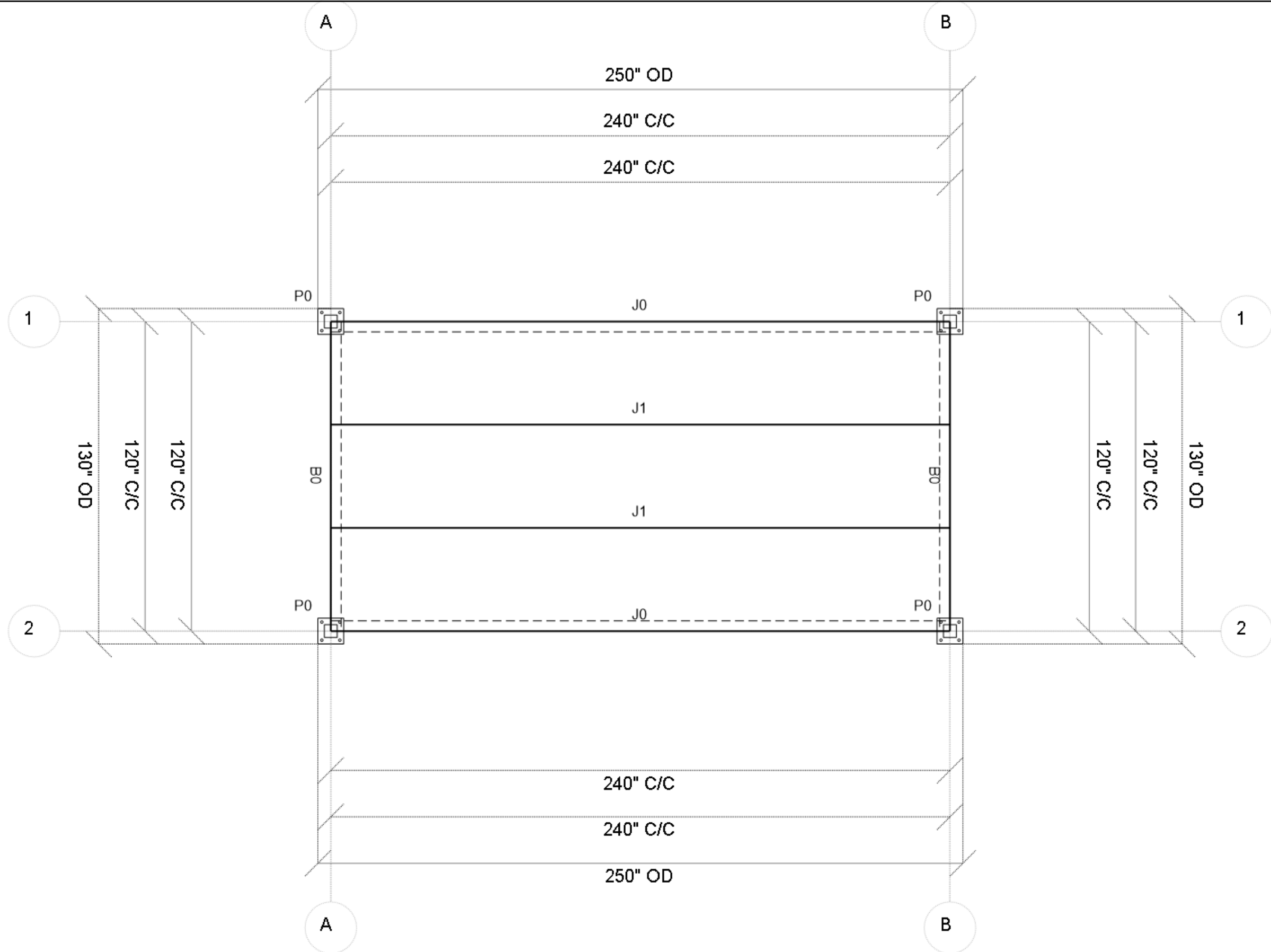
**JOISTS**

J0 : C12 - 240" (x2)

J1 : C14 - 240" (x2)

**HANDRAIL**

2 Rail Handrail+KickPlate (60 ft)



**Plan View**



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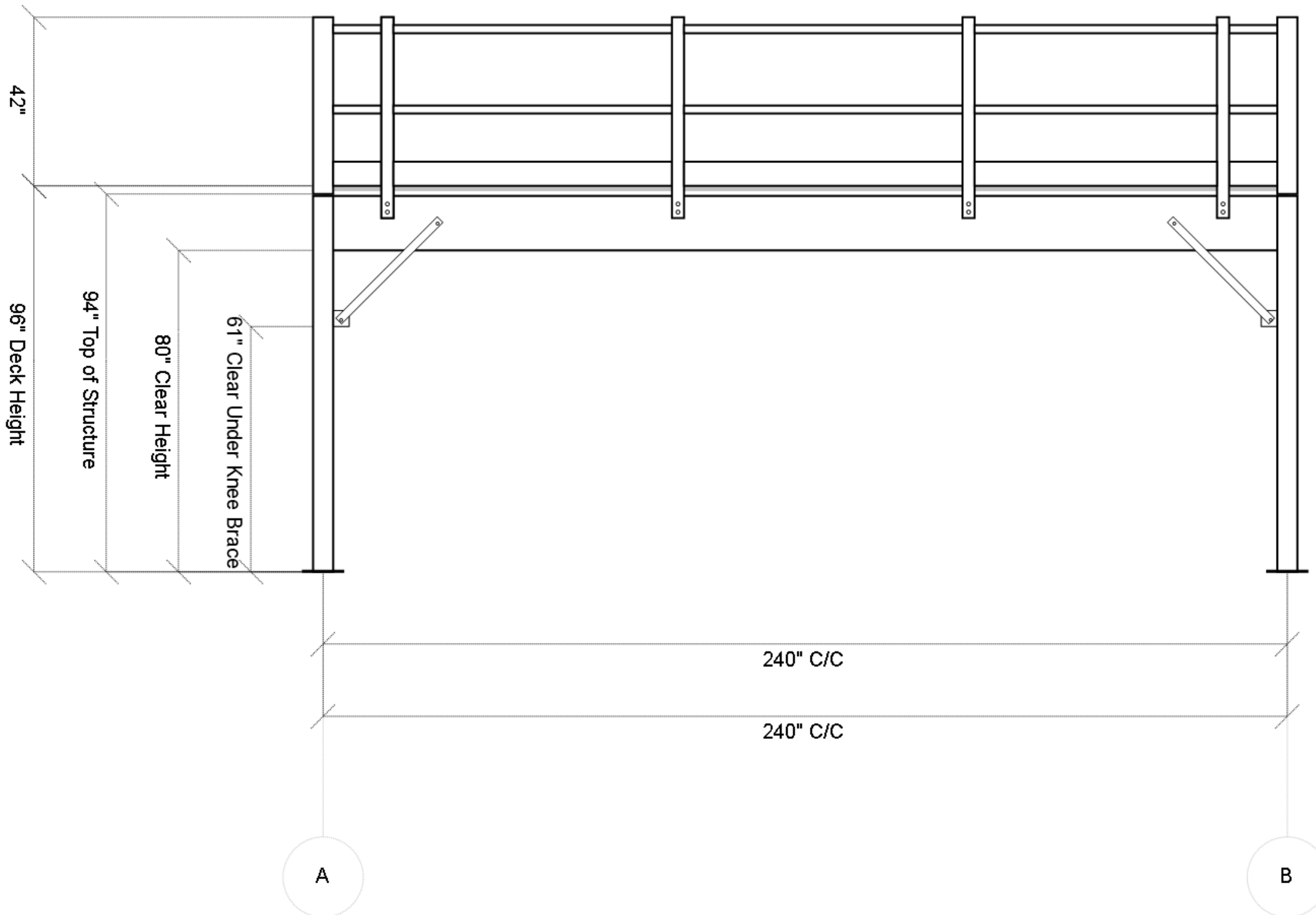
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**Front Elevation View**



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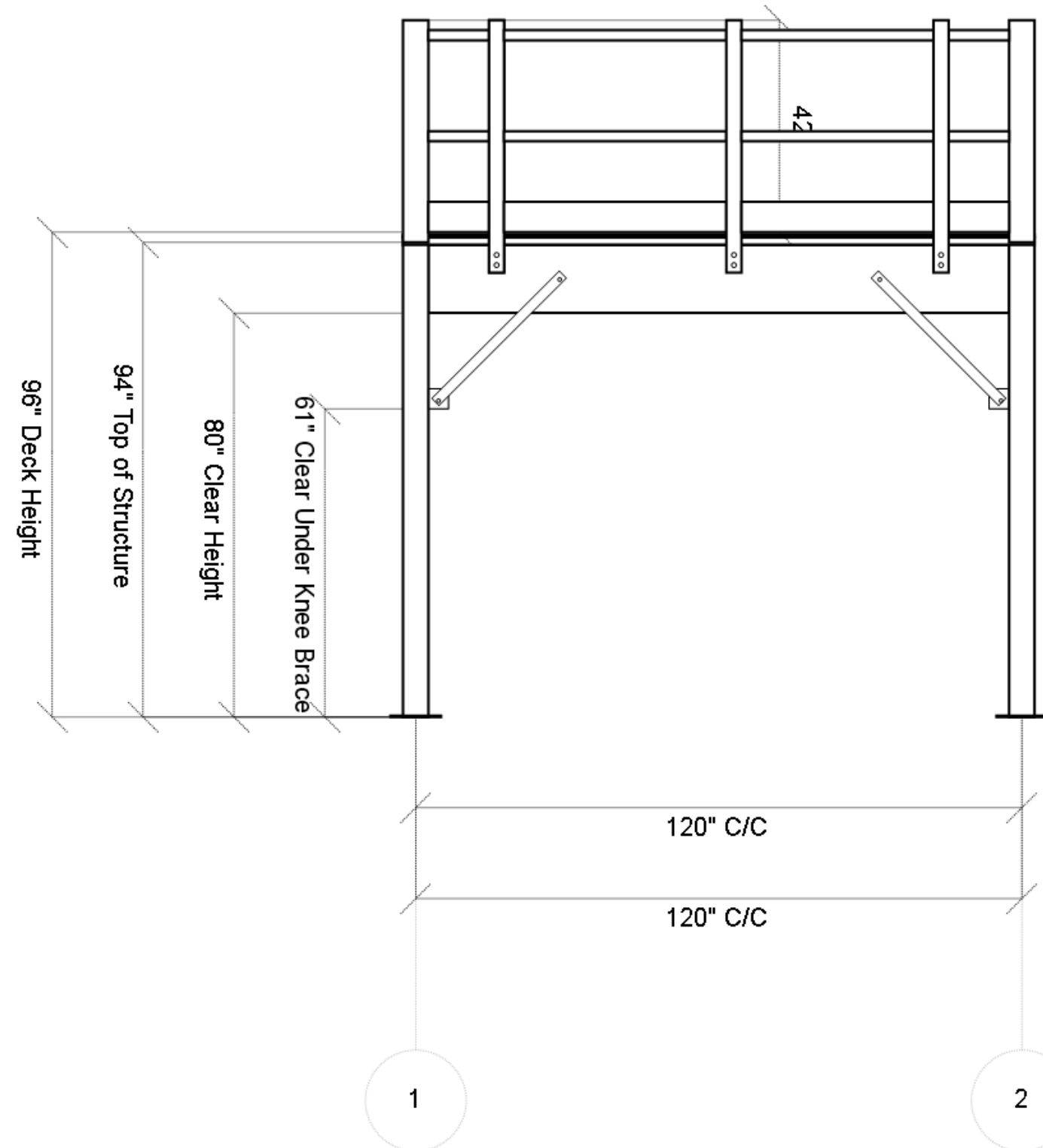
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# PRELIMINARY APPROVAL PLAN



**Right Elevation View**