



**PRE-ENGINEERED
FLOOR DECKING SYSTEM**

Project Name:
Marketing mezz #4

Date: 2022-10-28

Quote #: 490578

Rev #: 0

Client Name:
The Safety Source

Section : Material

PRELIMINARY APPROVAL PLAN

DIMENSIONS AND DETAILS

- 120 lin ft of 2 Rail Handrail
- 120 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 #4

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@safetysourcecellc.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
108" Deck
800 sqft
6,492.00 Lbs
Knee
53"
8"
5" x 5"

Seismic Data

Zip Code
Seismic Percentage
V [kips]
S_s
S₁

48035
2.50%
3.210
.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)
P1 : 5 x 5 (x2)

BEAMS

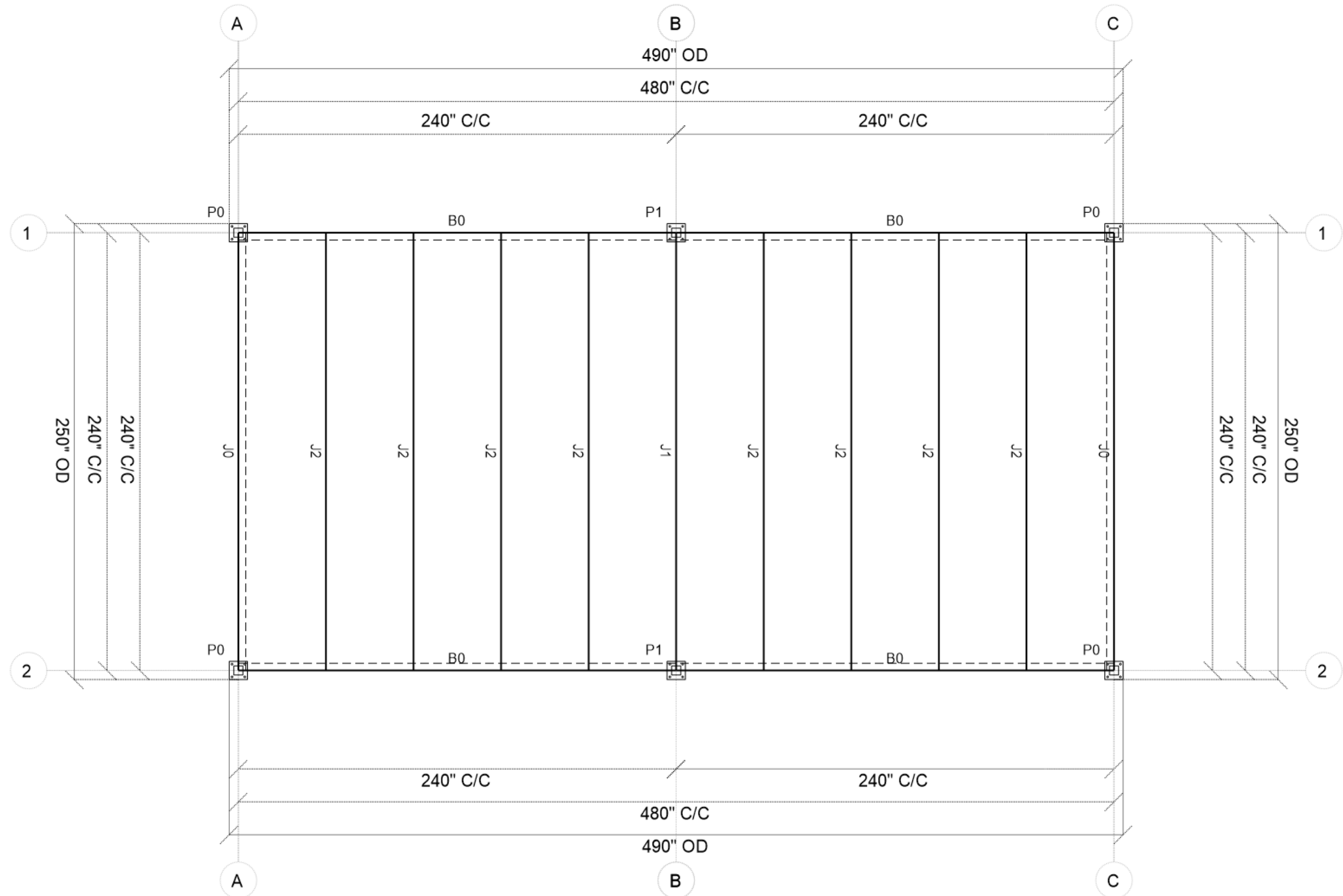
B0 : DC16 - 240" (x4)

JOISTS

J0 : C14 - 240" (x2)
J1 : C16 - 240" (x1)
J2 : C16 - 240" (x8)

HANDRAIL

2 Rail Handrail+KickPlate (120 ft)



Plan View



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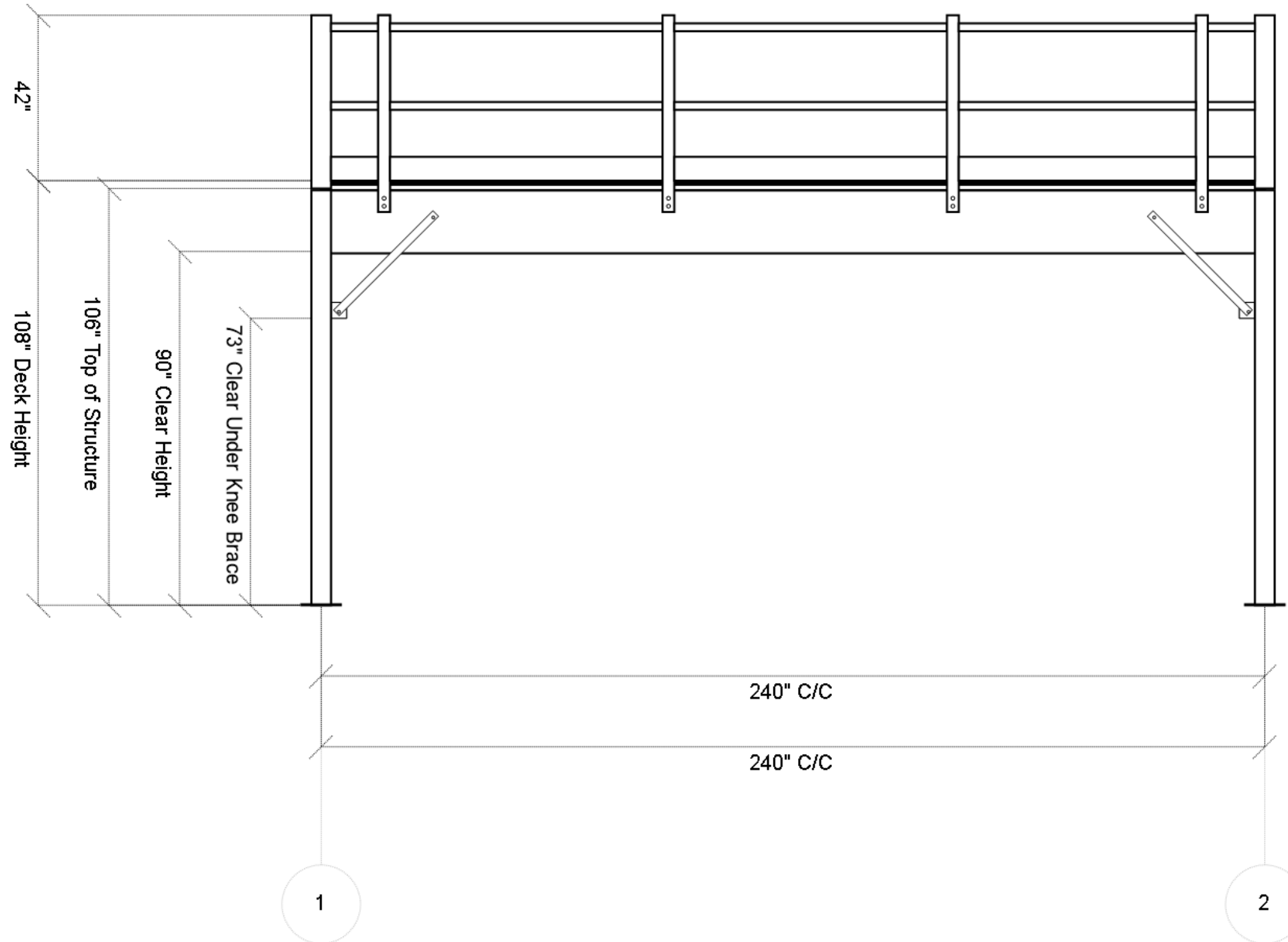
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Right Elevation View