Cogan Since 1901 PRE-ENGINEERED FLOOR DECKING SYSTEM	Project Name: Marketing mezz #5	Date: 2022-10-28	Quote #: 490579	Rev #: 0	PRELIMINARY APPROVAL PLAN
	Client Name: The Safety Source	Section : Material			

DIMENSIONS AND DETAILS

- 48 lin ft of 2 Rail Handrail
- 48 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 #5

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

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

Location
MI
48035 (USA)

Design Criteria

Load Capacity (U.D.L. Live Load):	125 PSF
Load Capacity (U.D.L. Dead Load):	10 PSF
Max Vertical Deflection:	L/360
Height:	108" Deck
Surface	128 sqft
Weight	1,656.00 Lbs
Bracing	Knee
Max Required Joist Spacing	53"
Minimum Required Beam Size	8"
Minimum Required Post Size	5" x 5"

Seismic Data

Zip Code	48035
Seismic Percentage	2.50%
V [kips]	.514
S_S	.1140
S_1	.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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PRELIMINARY APPROVAL PLAN

POSTS

P0 : 5 x 5 (x4)

BEAMS

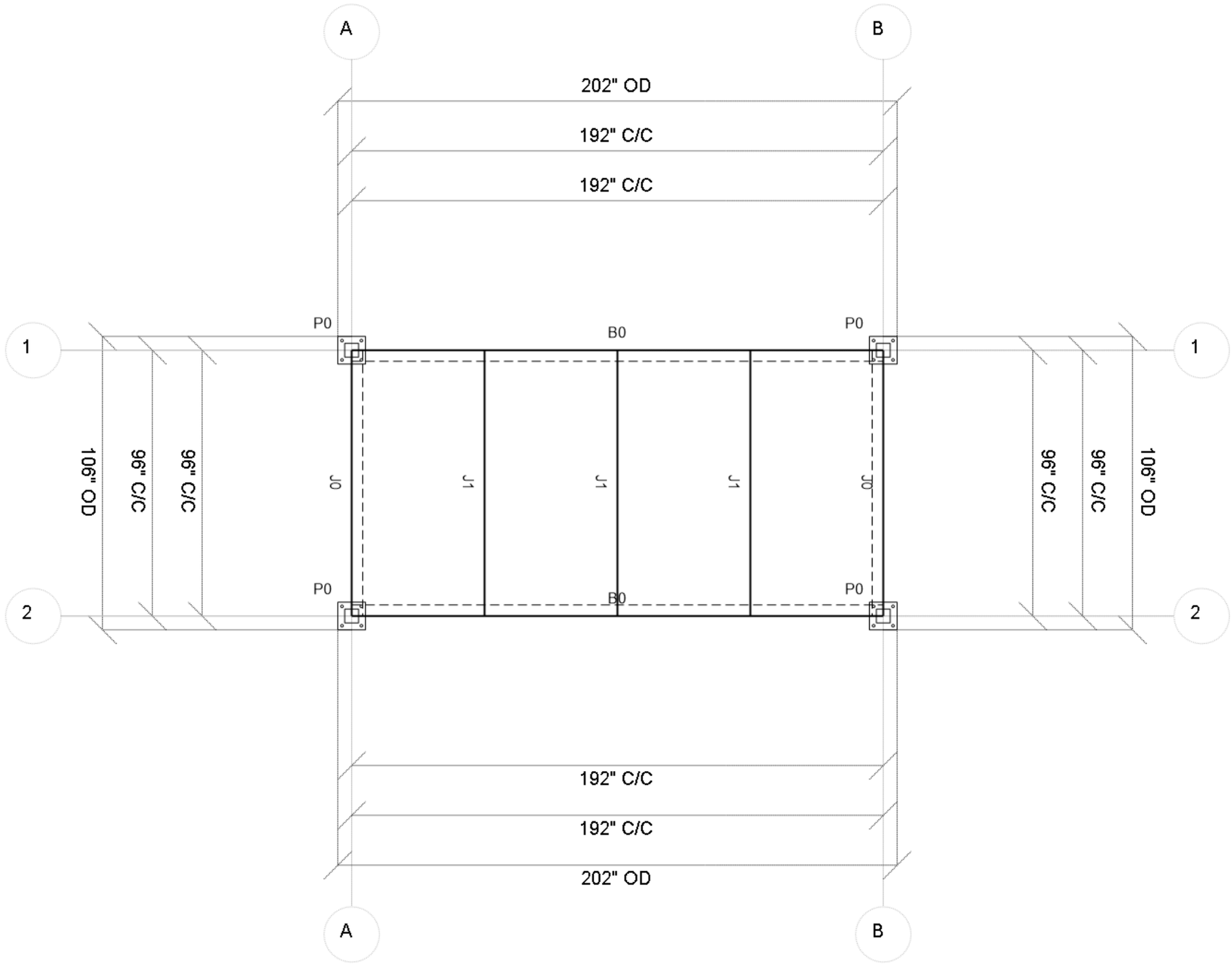
B0 : C14 - 192" (x2)

JOISTS

J0 : C8 - 96" (x2)
J1 : C8 - 96" (x3)

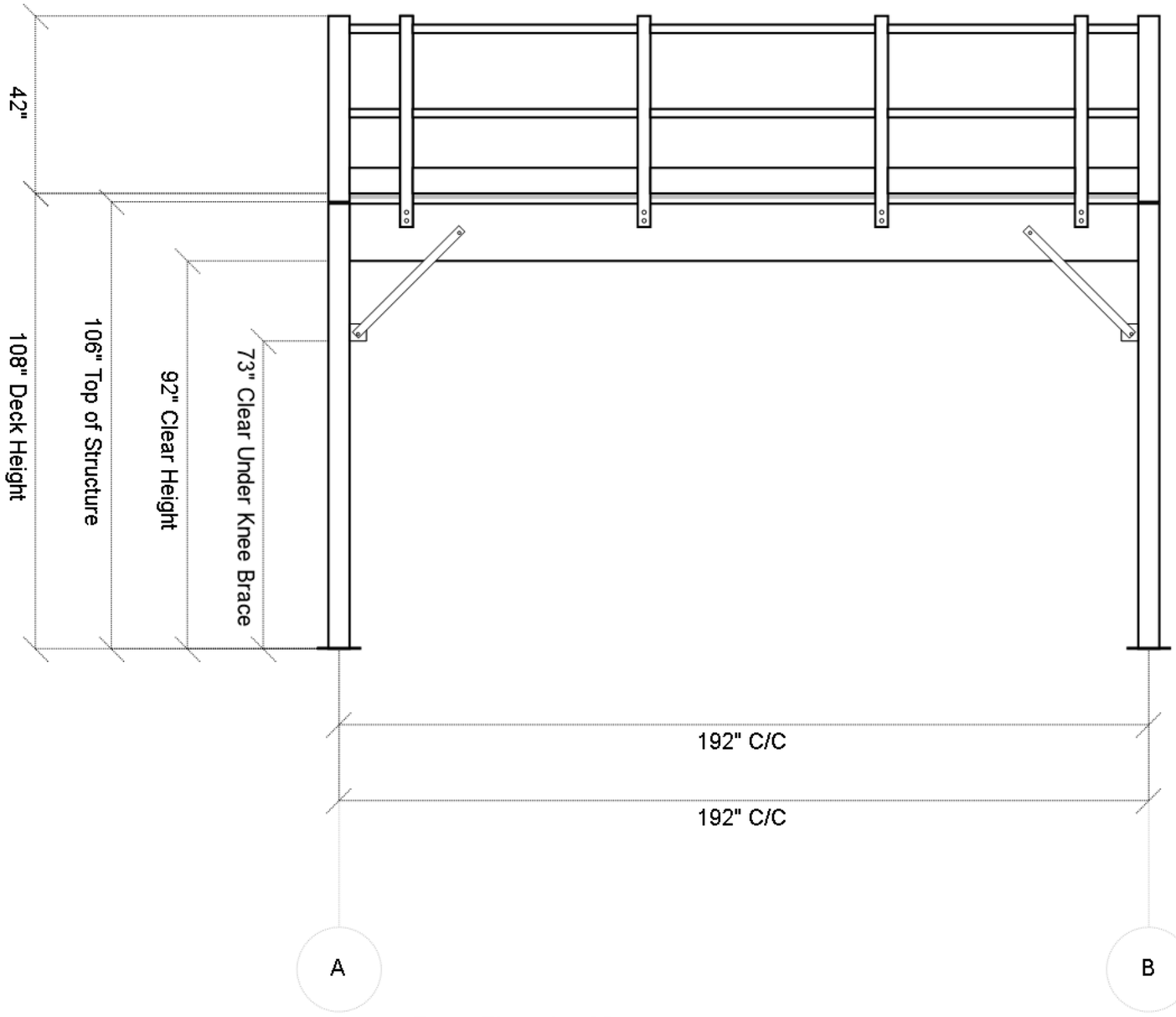
HANDRAIL

2 Rail Handrail+KickPlate (48 ft)



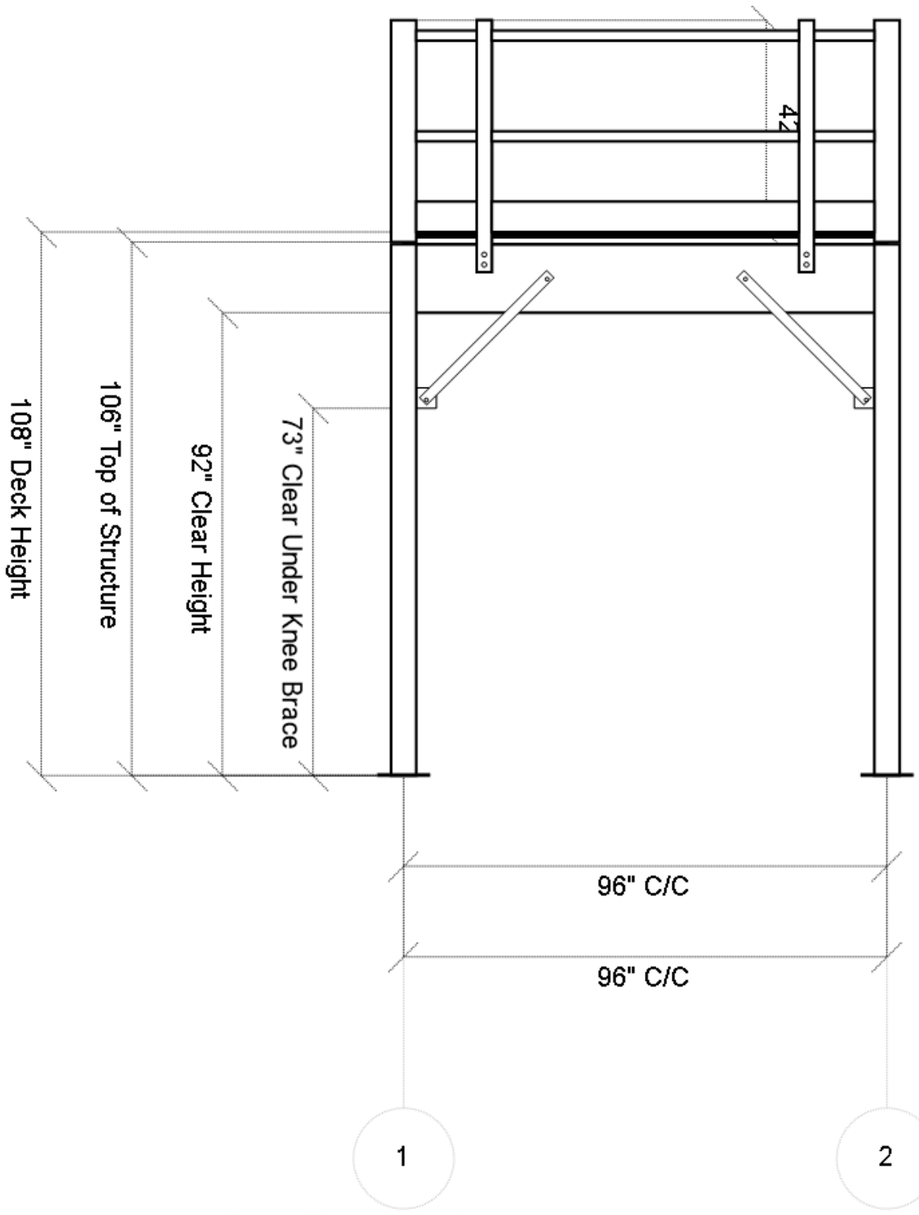
Plan View

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Front Elevation View

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Right Elevation View