

GLASS PERFORMANCE DAYS 2025

THE NEW 140M LONG GLASS CANOPY AT THE HEART OF PARIS



FRANCESC SÁNCHEZ FONTSERÈ / BELLAPART

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70
employees



10
nationalities

Location

The Louvre Saint-Honoré

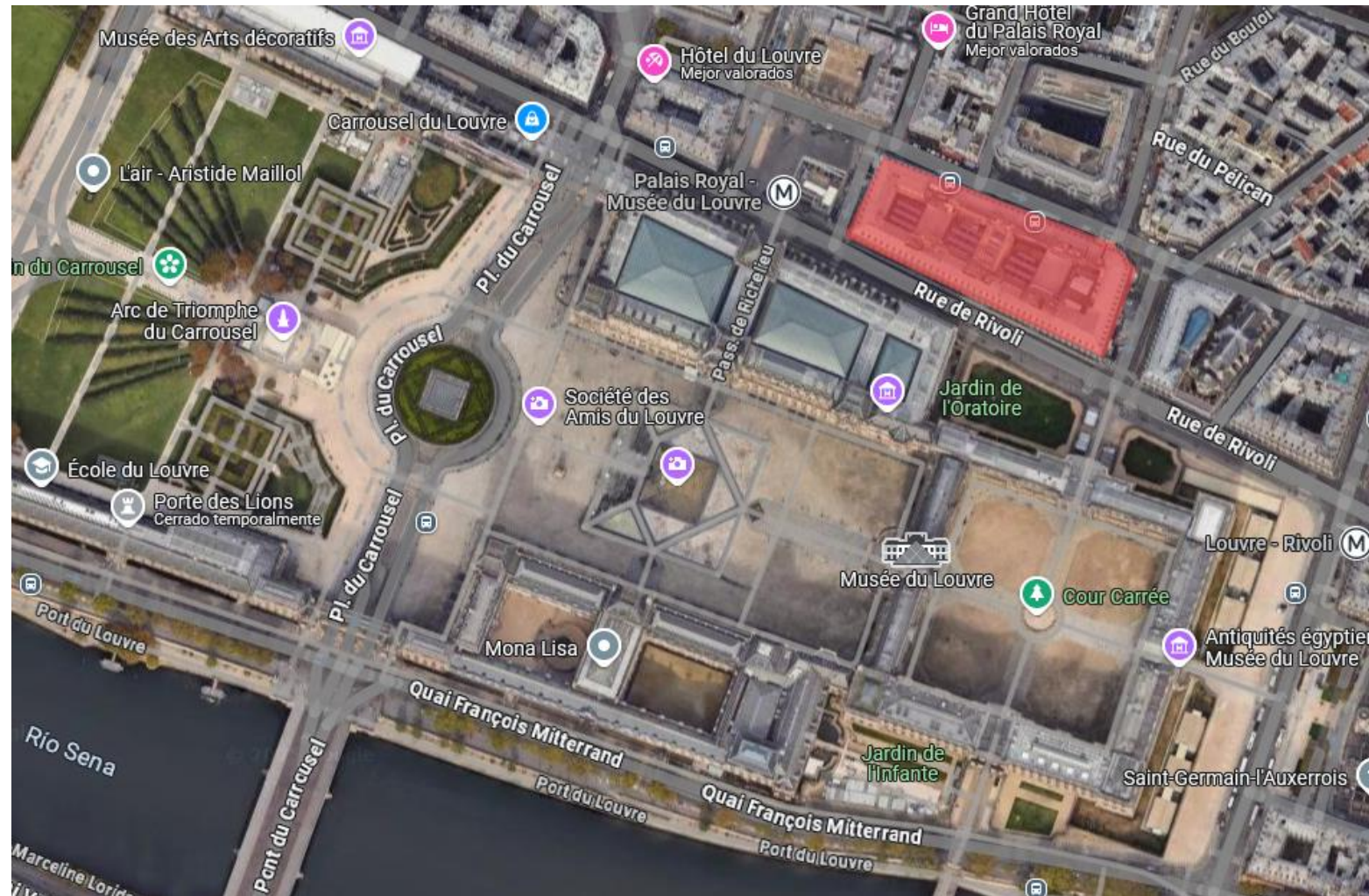
Fondation Cartier pour l'art contemporain

Architect:

Ateliers Jean Nouvel

Façade consultant:

T/E/S/S atelier d'ingénierie



The Louvre Saint-Honoré



The Louvre Saint-Honoré

Overview

- + Over 2500 m² of glazed surface
- + 37 different modules
- + Great variety of constructive solutions
- + Dimensions up to 3 m by 6.4 m

Auvent

- + 140 m long glass canopy
- + 490 m² glazed surface



The Louvre Saint-Honoré

Auvent

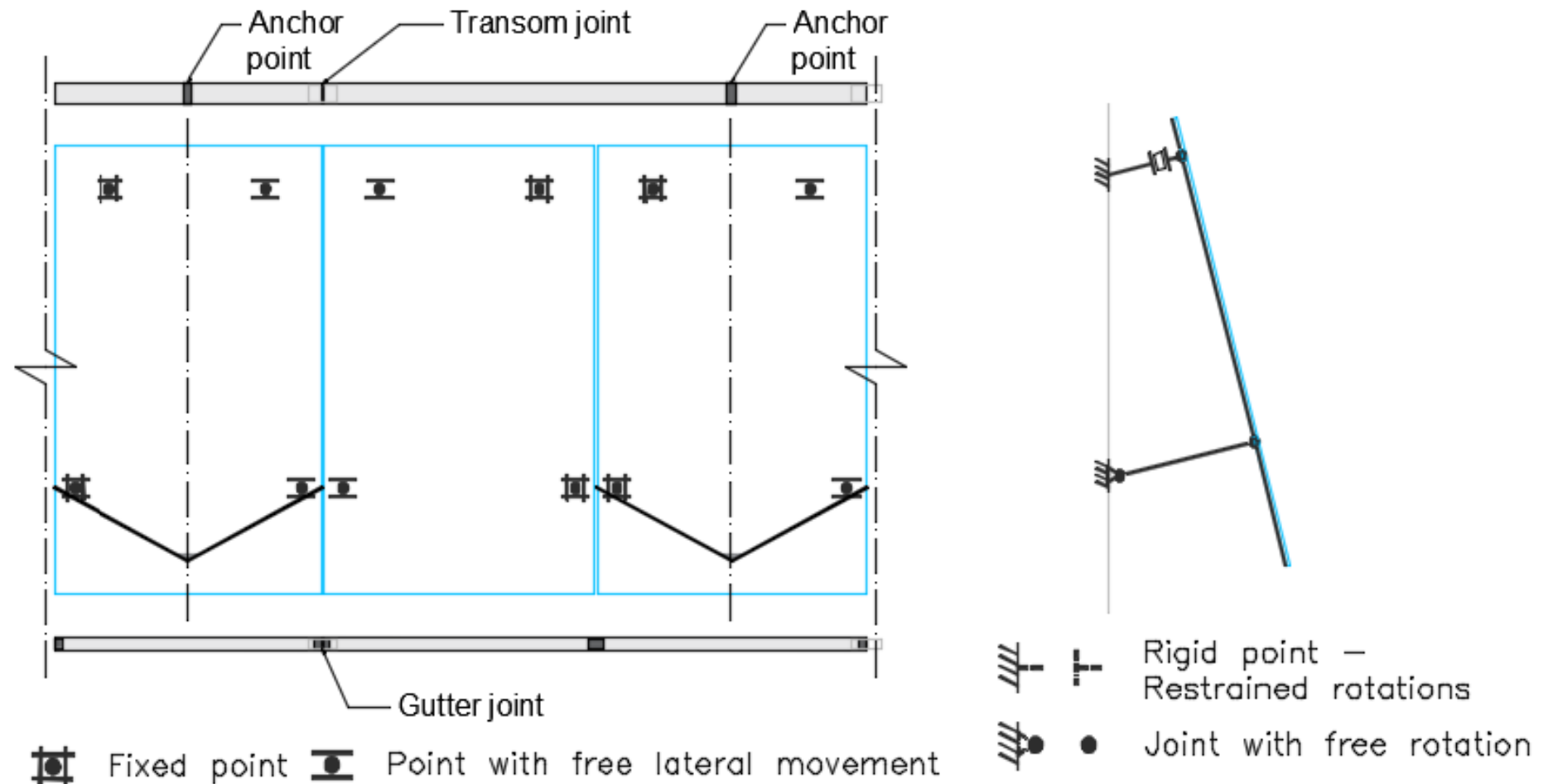
- + 84 laminated glass panels
- + 10.10 mm HS (1.52 mm SentryGlas)
- + Width: 1119 mm to 3050 mm
- + Stainless steel structure
- + Supported with point fixings

Particularities

- + Static scheme: the glass panels hold the supporting structure
- + Bottom profiles act both as supporting structure and drainage system



Static scheme



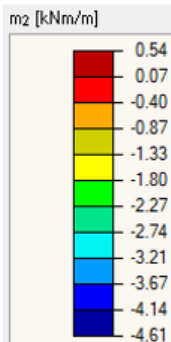
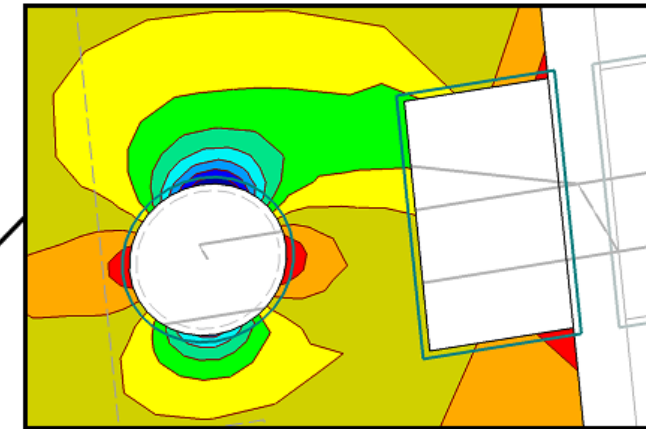
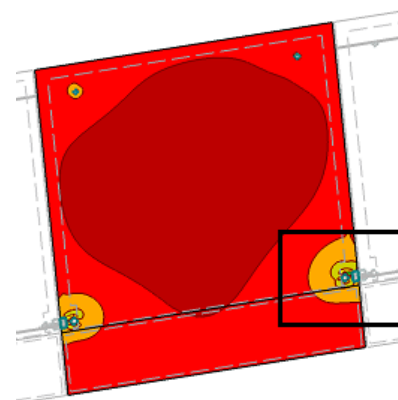
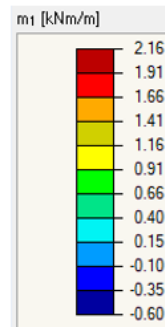
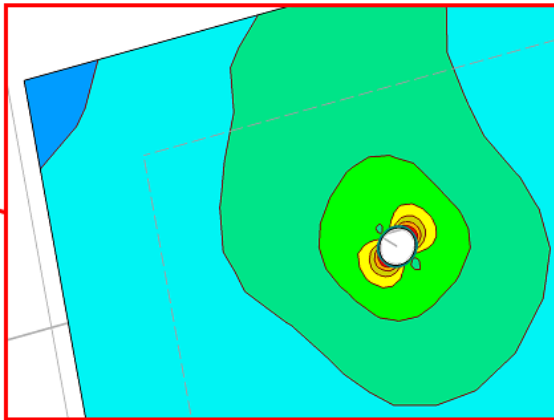
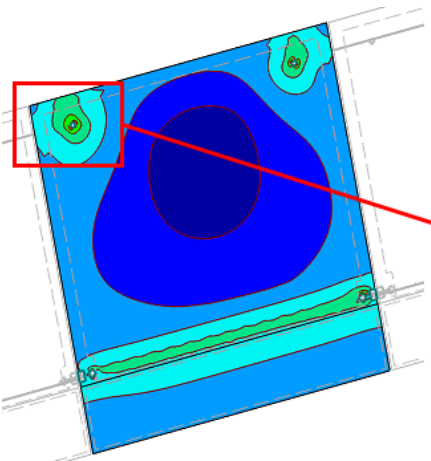
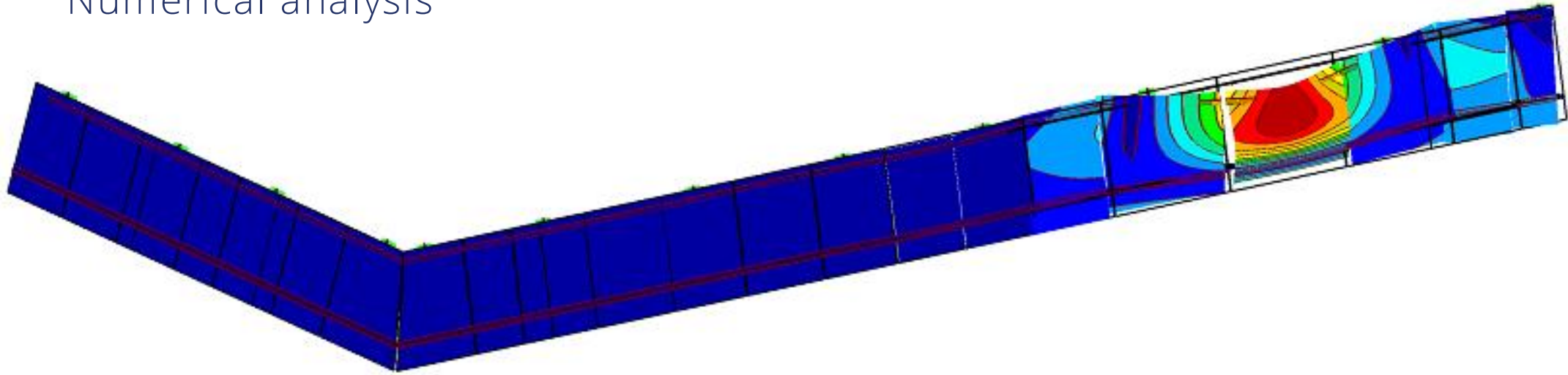
Static scheme



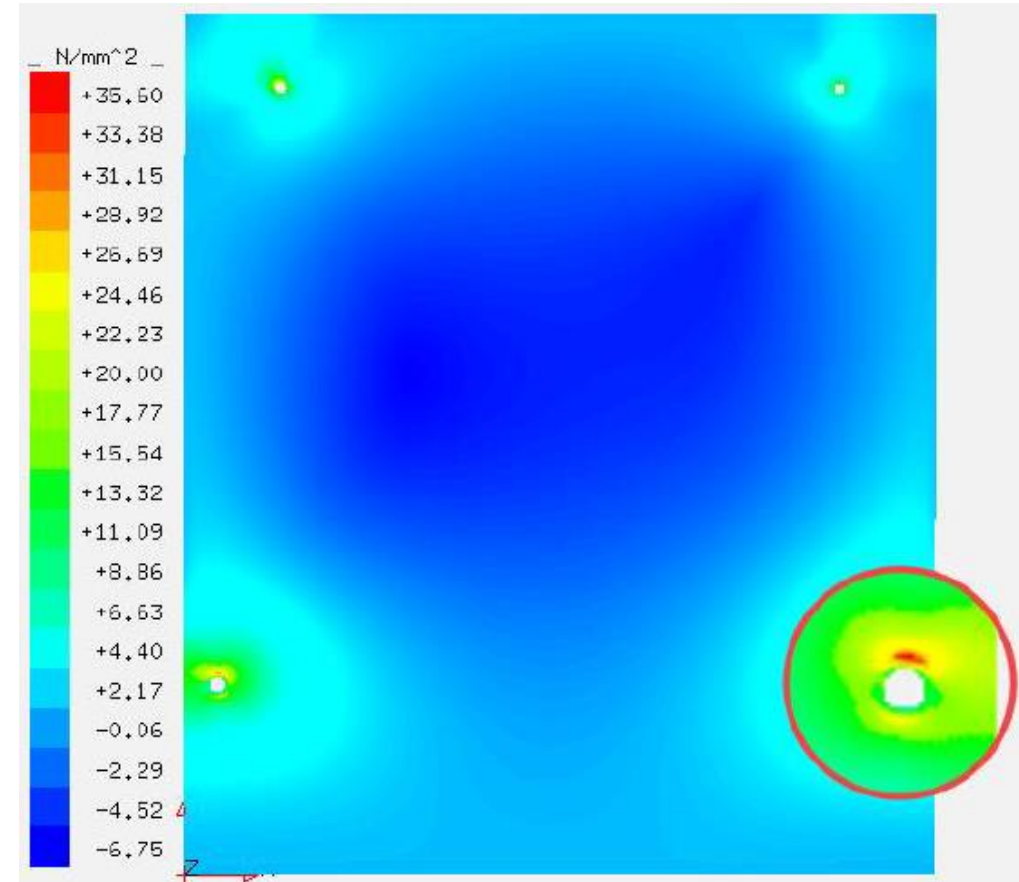
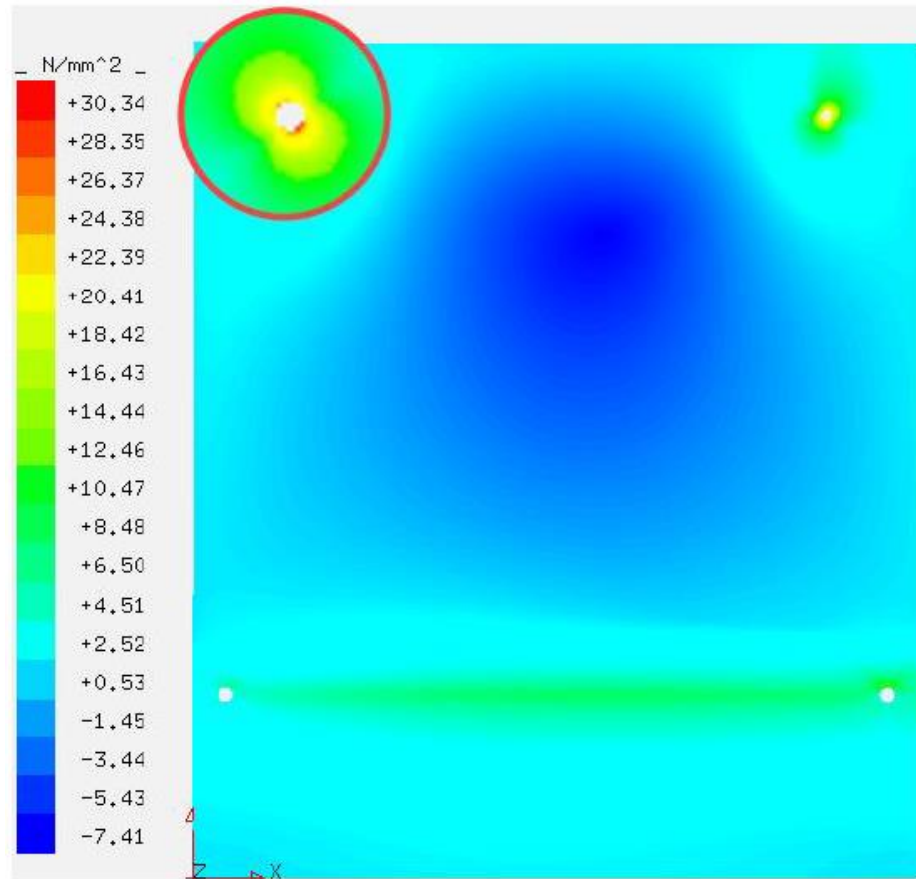
Drainage system



Numerical analysis



Numerical analysis



Validation by testing



Validation by testing



Conclusions

- + Large renovation project
- + Great variety of constructive solutions
- + Unique glass canopy
- + Pushing French standards with exhaustive analysis and testing



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Thank you!

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we discover how to do it and we make
your dream project a reality.