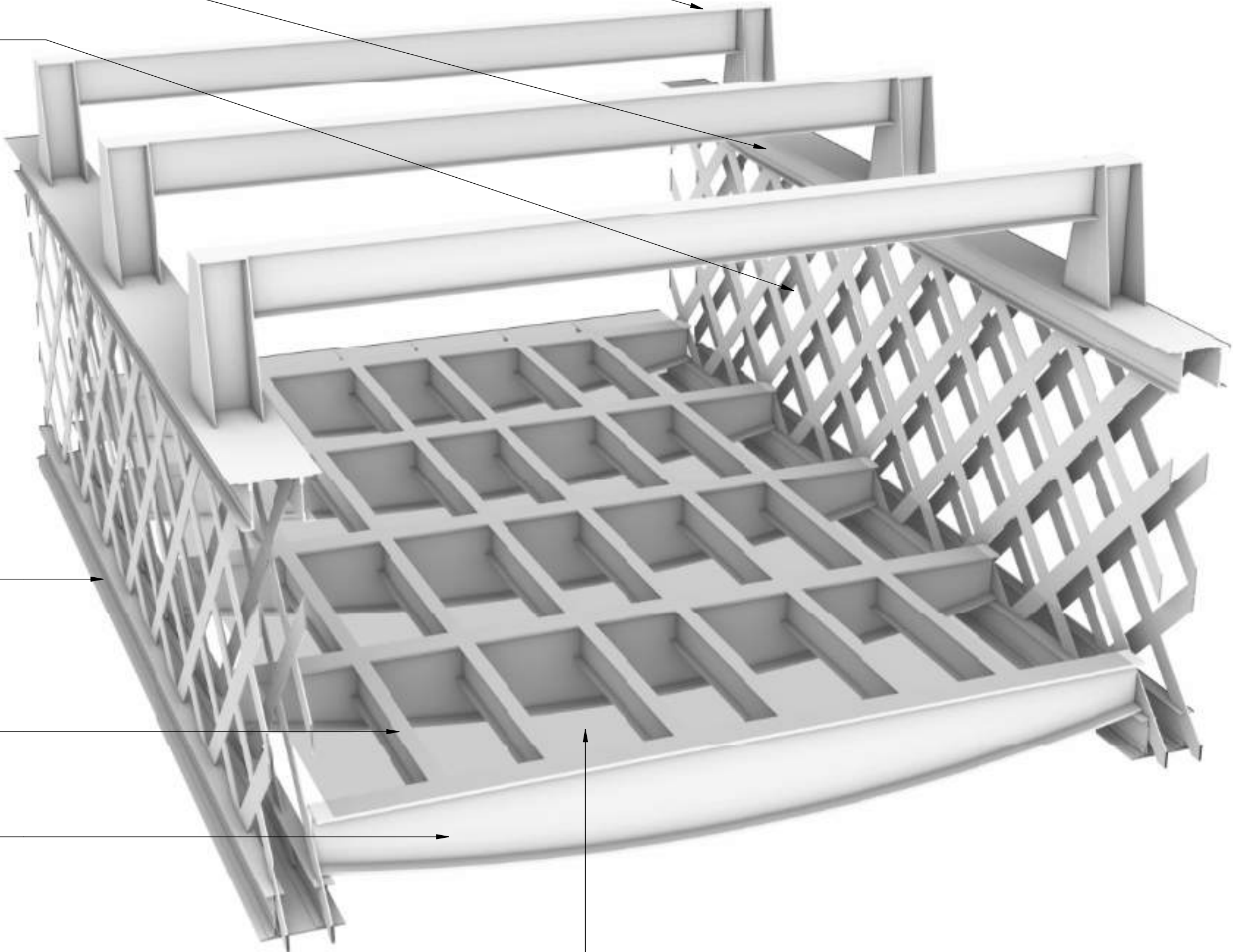




Upper transverse girder

Truss girder (top chord)

Truss lattice diagonals



Truss girder (bottom chord)

Longitudinal beam ('rail bearers')

Transverse beam ('fish bellied')

Deck plate (under ballast + vegetation)



Bearing

Pier restraint truss

Pier



Truss lattice diagonals - naming as viewed from deck side

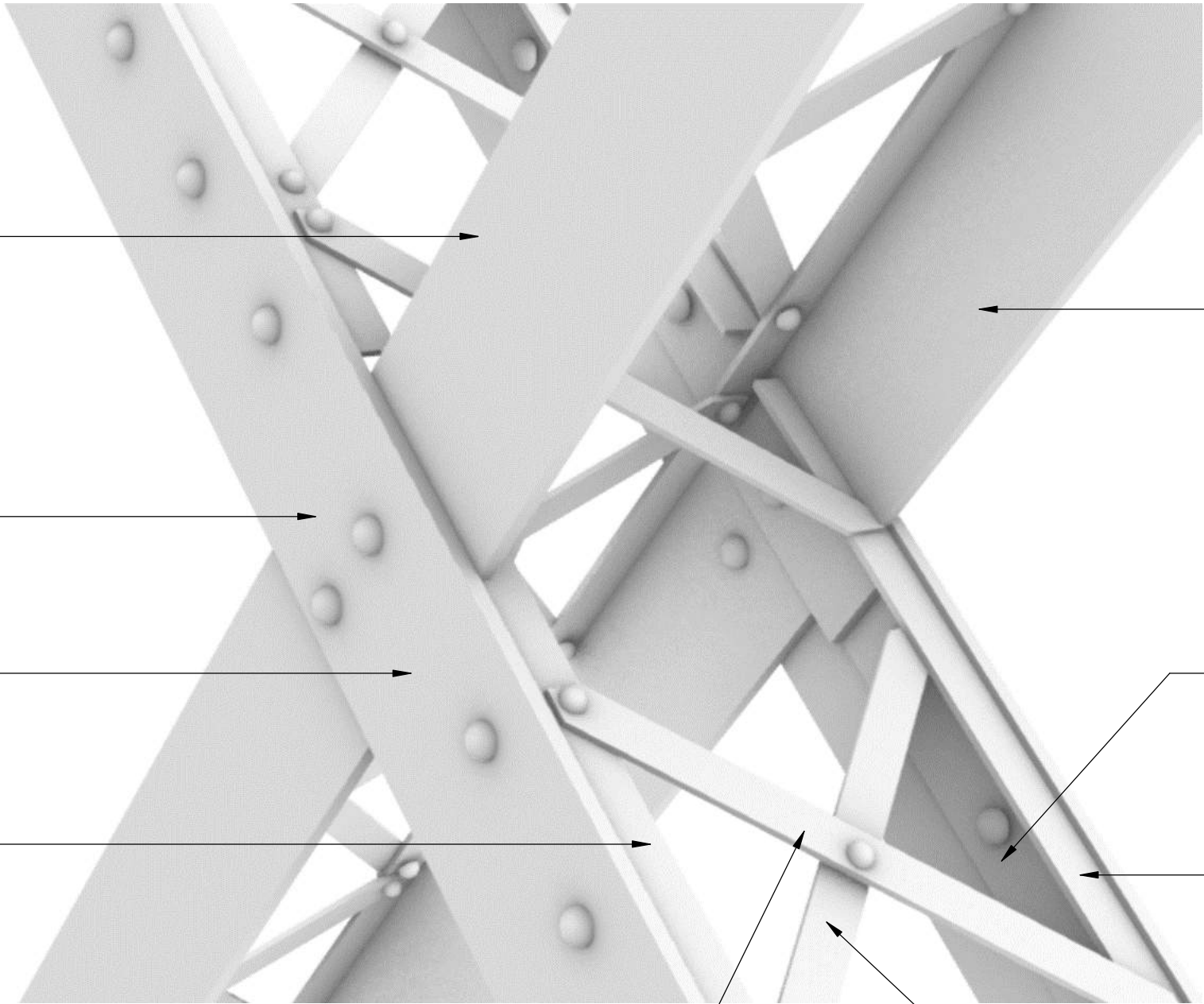
Cross bracing (or X-bracing)

Lattice diagonal - inner plate 2

Lattice diagonal intersection

Lattice diagonal - inner plate 1

Lattice diagonal outstand



Lattice diagonal - outer plate 2

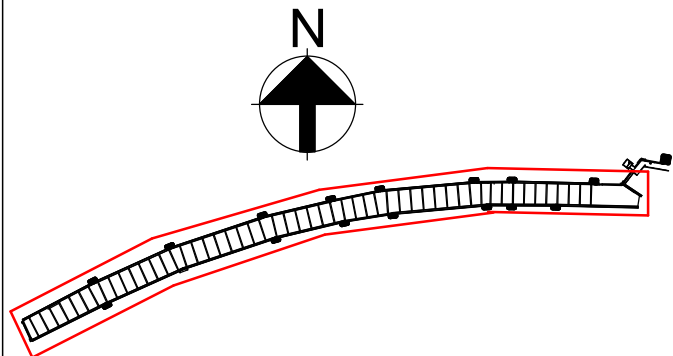
Lattice diagonal - outer plate 1

Lattice diagonal outstand

Upper brace

Lower brace

- Notes:
1. These drawings shall be read in conjunction with all relevant Engineer's and Architect's drawings and with all relevant specifications.
 2. All dimensions are to be checked by the Contractor prior to fabrication or construction.
 3. The information shown on this drawing reflects RIBA Work Stage 3 level.
 4. All dimensions are in millimetres, unless noted otherwise.
 5. All levels are in metres above ordnance datum, unless otherwise stated.
 6. Drawing to be read in colour.
 7. Do not scale from this drawing.
 8. Typical existing viaduct geometry based on Spatial Dimensions survey October 2021. TIGM viaduct arches, only, based on July 2024 survey by Spatial Dimensions.



T1	14/08/24	RR	GH	Preliminary Issue
Rev	Date	Chkd	Appd	Issue Notes

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Client
The National Trust

Project Title
Castlefield Viaduct
Phase 2

Drawing Title
Structural Nonemclature

Scale at A1	1 : 105	Drawn By	Author
Role	Structural	Status	S2 - For Information
Arup Job No	282210	Rev	T1
ID	CVI-ARUP-ZZ-ZZ-DR-S-1055		