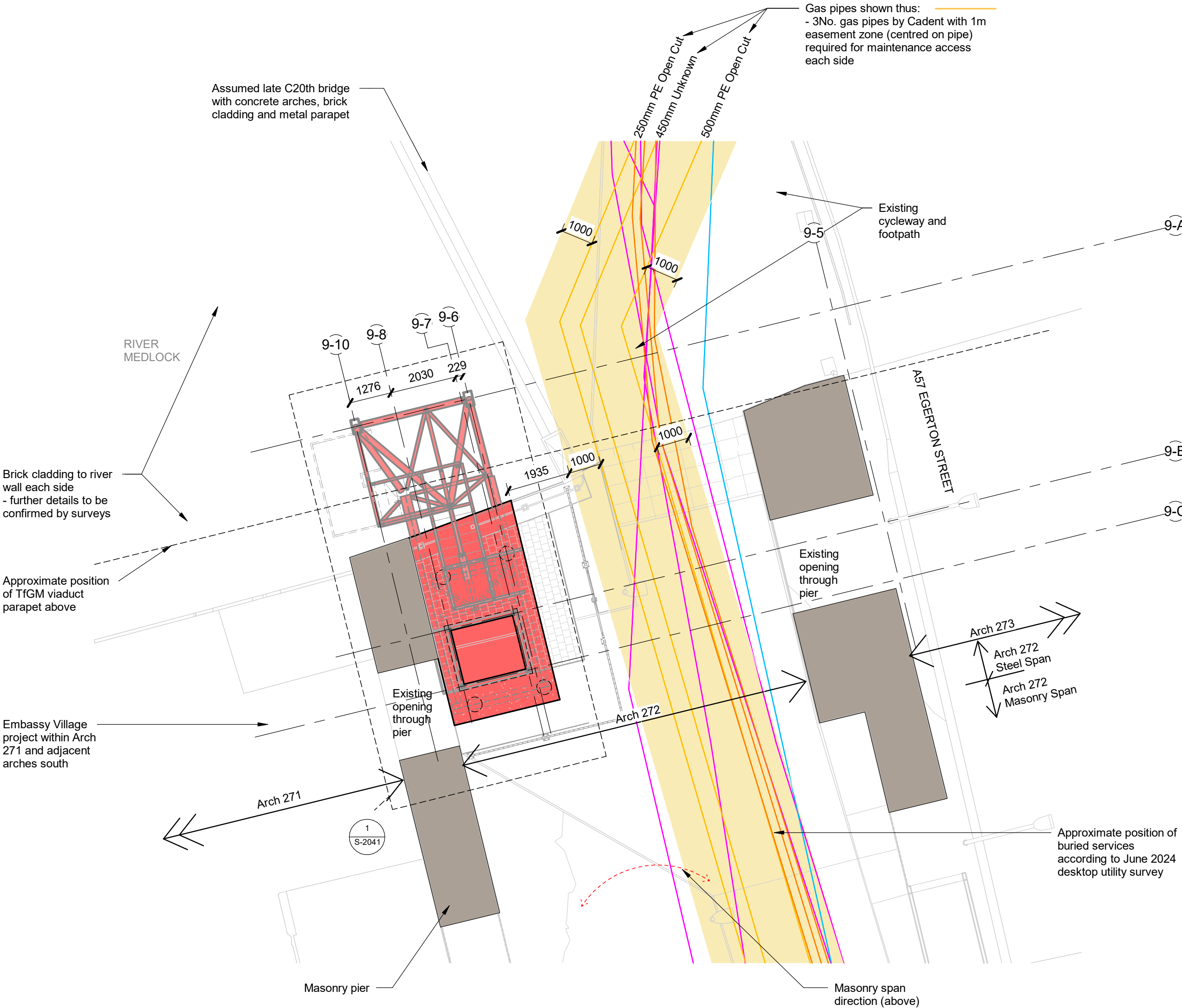




PART-PLAN - GROUND LEVEL

Scale 1 : 100



NOTE: Low head room. Height restriction applies for piling installation under the viaduct structure.



NOTE: Limited working room for piling operations and stair installation adjacent to river retaining wall. Temporary works may be required to facilitate access.



Metal parapet to late C20th bridge



Concrete arch soffits to late C20th bridge

TfGM viaduct piers continue down; river wall brickwork stop-starts each side



Tram tracks

Steel parapet to northern elevation of TfGM Viaduct

Masonry parapet to northern elevation of Castlefield Viaduct (masonry spans)



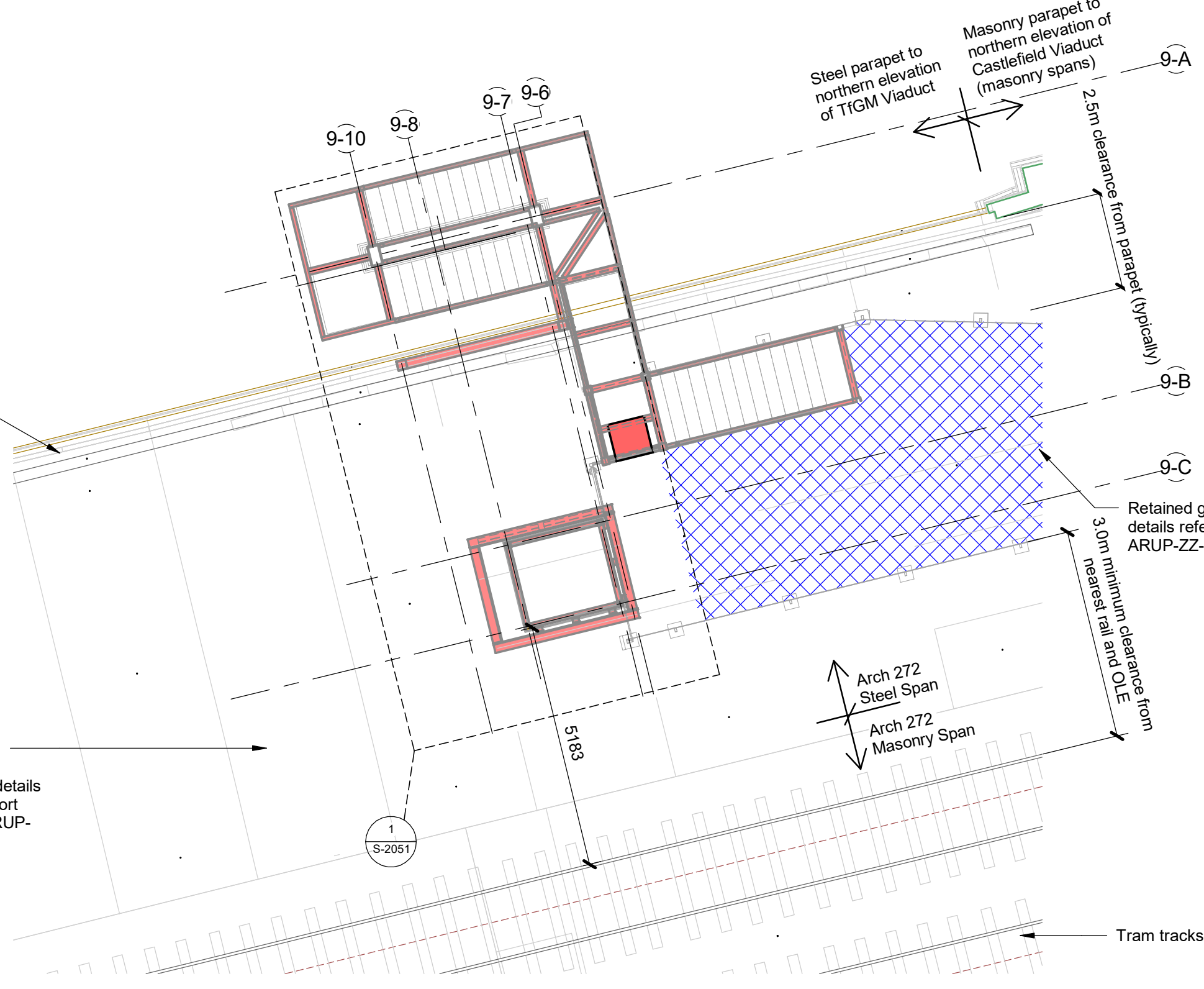
Steel stiffener plates



NOTE: Exclusion zone required to TfGM services to rear of parapet

TfGM services:
- to rear of parapet
- at base of parapet

For details of proposed security fence refer to Architect's details. For details of fence structural support refer to drawing CVI-ARUP-ZZ-ZZ-DR-S-3062.



PART-PLAN - VIADUCT LEVEL

Scale 1 : 100

- Notes:
- These drawings shall be read in conjunction with all relevant Engineer's and Architect's drawings and with all relevant specifications.
 - All dimensions are to be checked by the Contractor prior to fabrication or construction.
 - The information shown on this drawing reflects RIBA Work Stage 4 level.
 - All dimensions are in millimetres, unless noted otherwise.
 - All levels are in metres above ordnance datum, unless otherwise stated.
 - Drawing to be read in colour.
 - Do not scale from this drawing.
 - Typical existing viaduct geometry based on Spatial Dimensions survey October 2021. TfGM viaduct arches, only, based on July 2024 survey by Spatial Dimensions.
 - Existing utility layouts based on searches by Centara received 11/06/24

Lift and Stair Column Schedule	
Mark	Type
C1	RHS450x250x8
C2	RHS450x250x16
C11	SHS80x80x7.1 #
C31	SHS100x100x5
C51	SHS150x150x5
C61	SHS200x200x5

Lift and Stair Beam Schedule	
Mark	Type
B1	PFC200x75x23
B2	UKB203x133x25
B11	PFC200x75x23
B12	UKB152x89x16
B13	UKB203x133x25
B14	PFC180x75x20
B31	SHS100x100x5
B41	UKB457x152x60
B42	UKA200x200x20
B43	UKA75x100x10 *
B51	PFC200x90x30
B52	PFC180x75x20
B53	UKB203x133x25
B54	50x12mm
B61	SHS200x200x5
B62	UKB203x133x25

LEGEND:

- Moment connection
- Span of landing plates - assumed 10mm thick steel durbar plate
- Rise of stair (from low to high)
- Masonry arch span direction
- Existing Structure - unchanged unless stated otherwise
- New structure
- Retained gravel path - for details refer to drawing CVI-ARUP-ZZ-ZZ-DR-S-3051

T3	29/11/24	RR	GH	WS4 Issue
T2	05/11/24	RR	GH	WS4 WIP Issue
T1	23/10/24	RR	GH	WS4 WIP Issue
Rev	Date	Chkd	Appd	Issue Notes

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Client
The National Trust

Project Title
Castlefield Viaduct
Phase 2

Drawing Title
Stair + Lift
Constraints Layouts

Scale at A1	As indicated	Drawn By	OD
Role	Structural	Status	S2 - For Information
Arup Job No	282210	Rev	T3
ID	CVI-ARUP-ZZ-ZZ-DR-S-2031		

EXISTING PHOTOGRAPHS