

Memorandum

To Tom Kennedy, NSW
Date 12 July 2024
Copies Andrej Stevanovic, NSW
Reference number 293588
From Andrew Phillips
File reference SSK-030
Subject Powerhouse Ultimo Revitalisation

Wran Building – Demolition and Construction Sequence

The attached drawing SSK-030 shows an indicative demolition and construction sequence for the proposed modifications to the structure of the Wran Building as part of the Powerhouse Ultimo Revitalisation. Broadly, the sequence includes:

- Demolition of elements west of the existing vault structure, and construction of new elements.
- Temporary propping of vault and atrium structures.
- Demolition of some elements within vault and atrium, and excavation in some areas below.
- Construction of new elements within vault and atrium spaces.
- Removal of temporary propping.

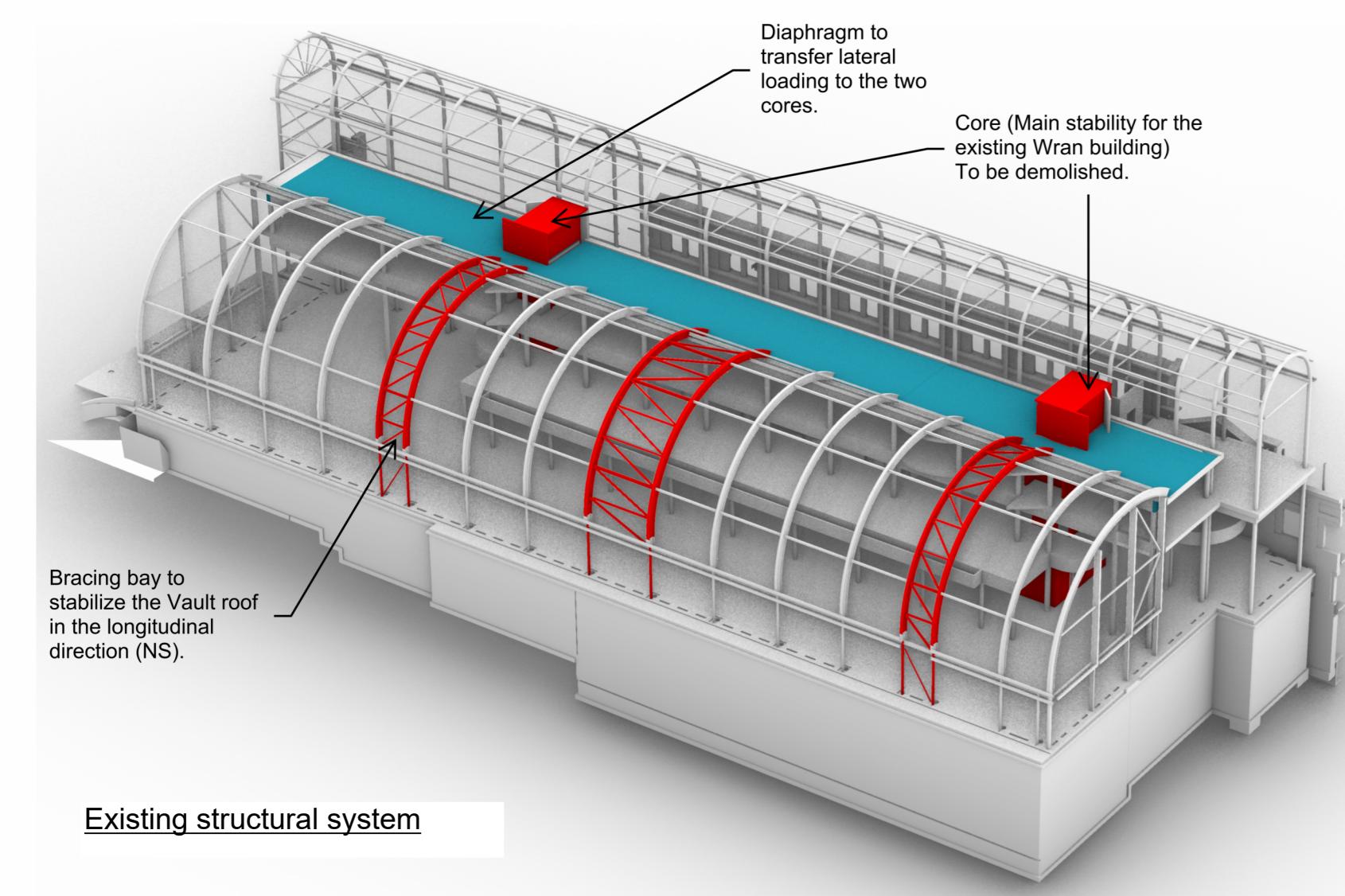
The sequencing has been developed to demonstrate the one possible solution to the construction of the proposed development. Other sequences or methodologies may be employed by the appointed Contractor to achieve the design intent.

Wran Building Construction Sequence

Notes

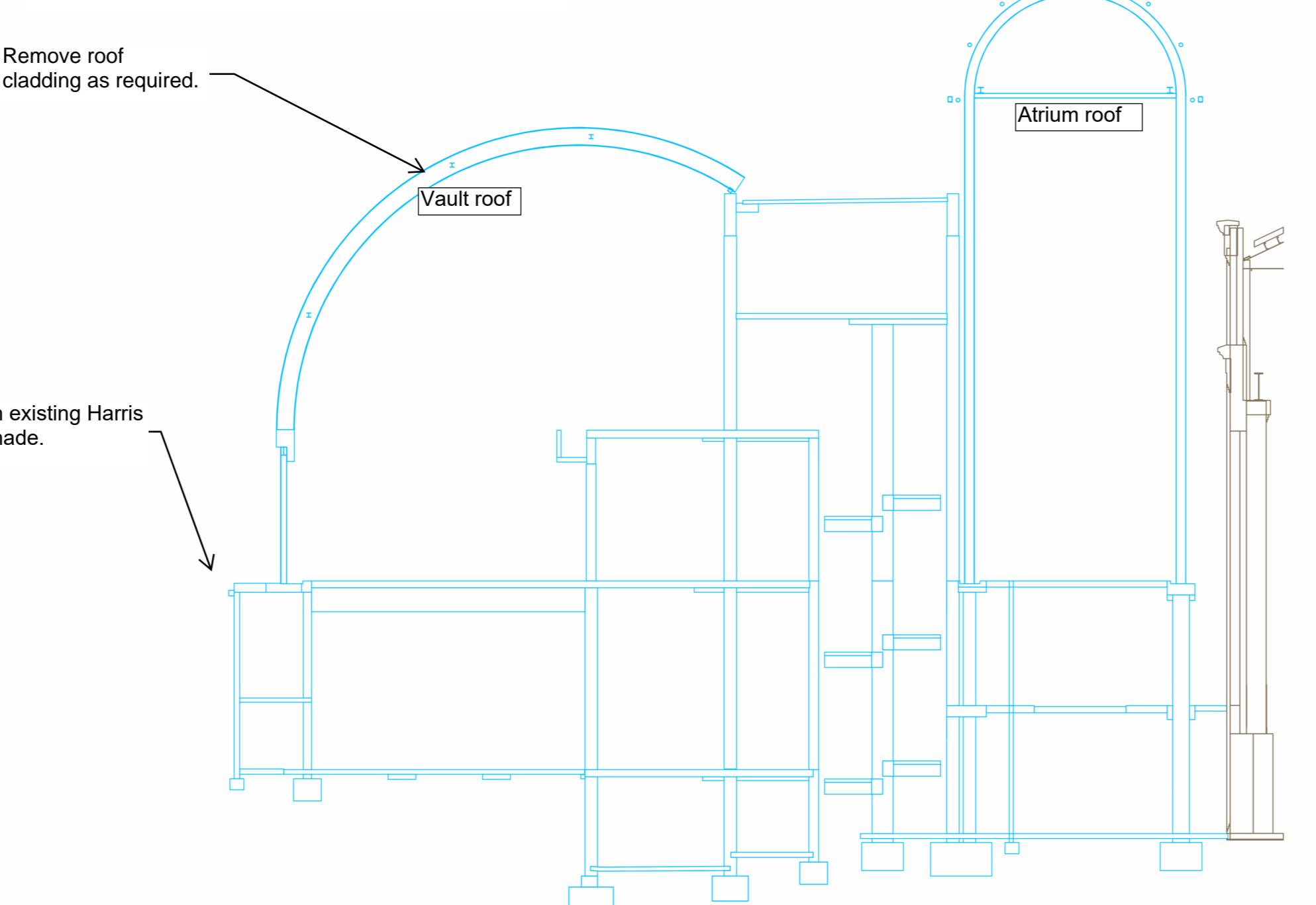
This drawing shows an indicative sequence of structural demolition and construction for the proposed modifications to the Wran building.

The appointed Contractor will develop the final sequencing and methodology.



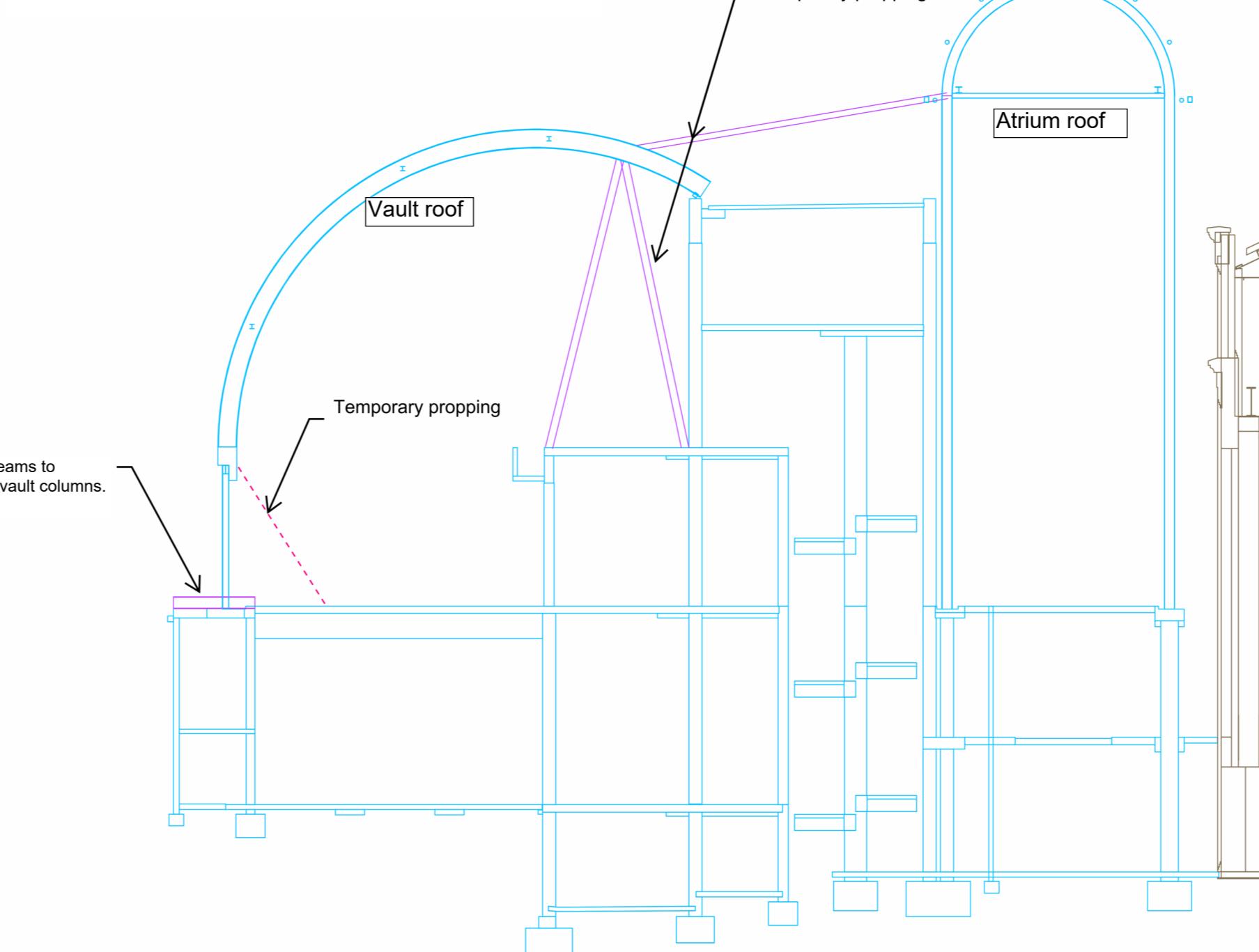
Stage 1:

External demolition.



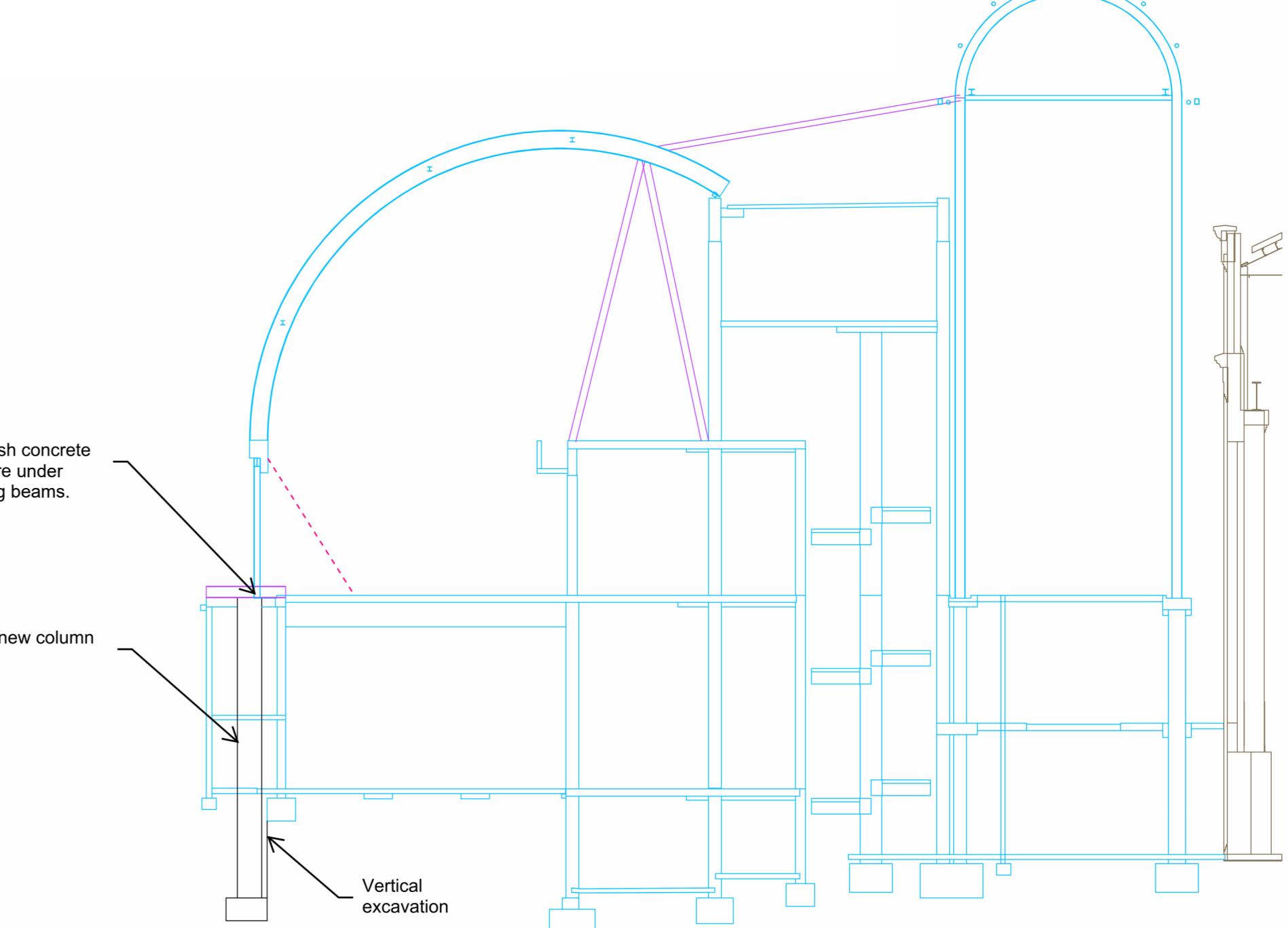
Stage 2:

Temporary propping to vault roof and atrium roof, and bridging beams to support western vault columns.



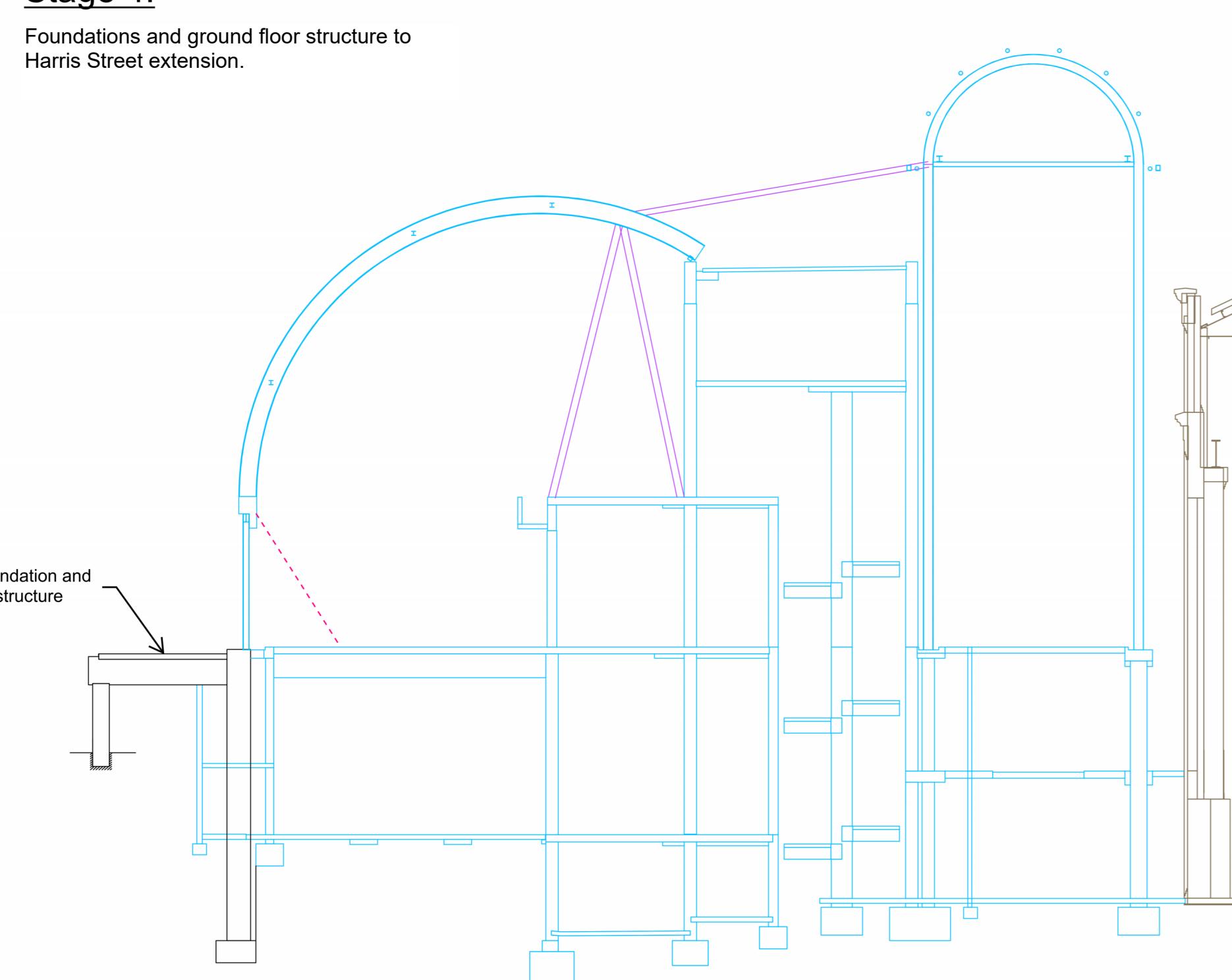
Stage 3:

Demolition and excavation under western vault columns, construction of new foundations and columns



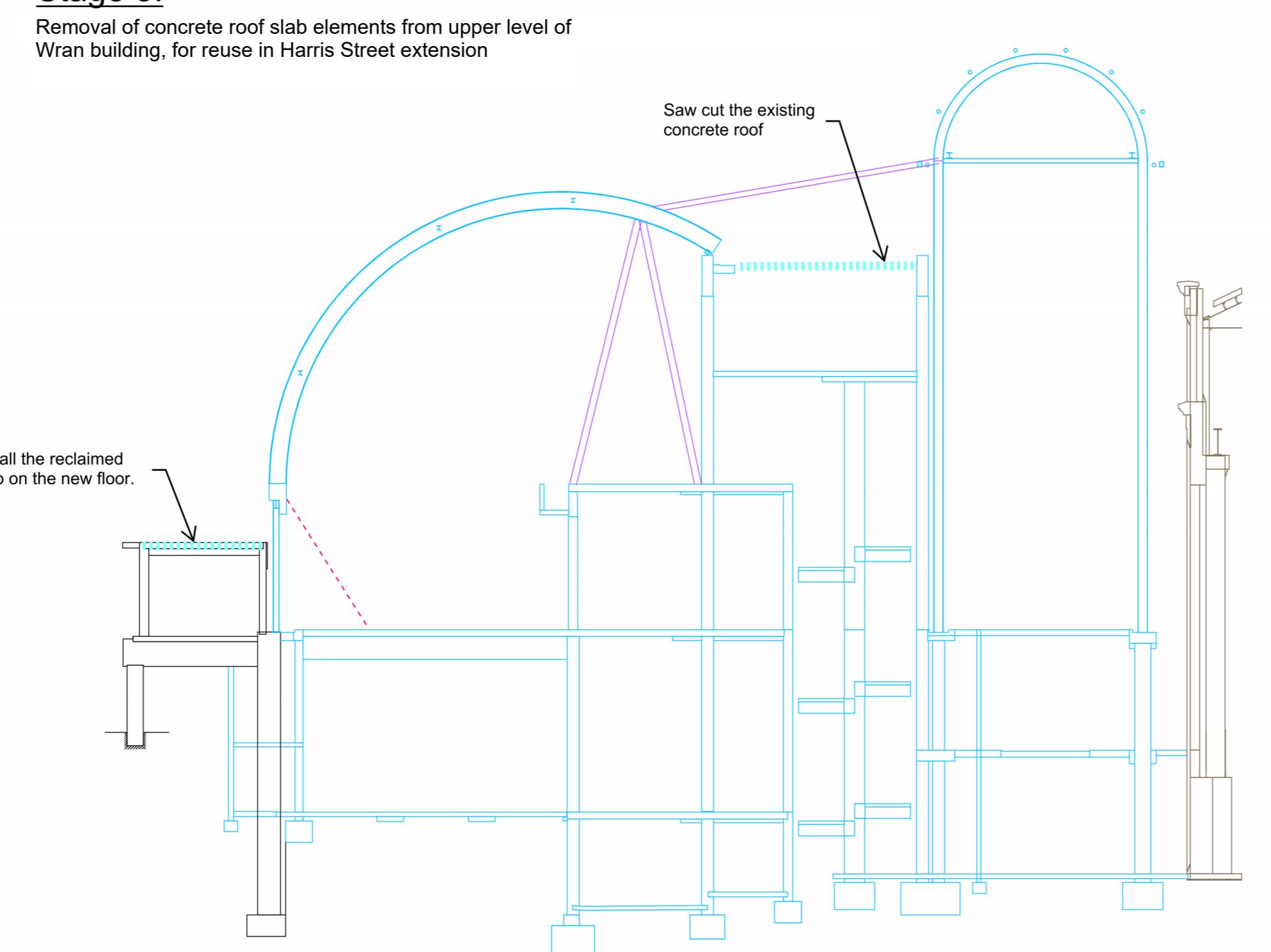
Stage 4:

Foundations and ground floor structure to Harris Street extension.



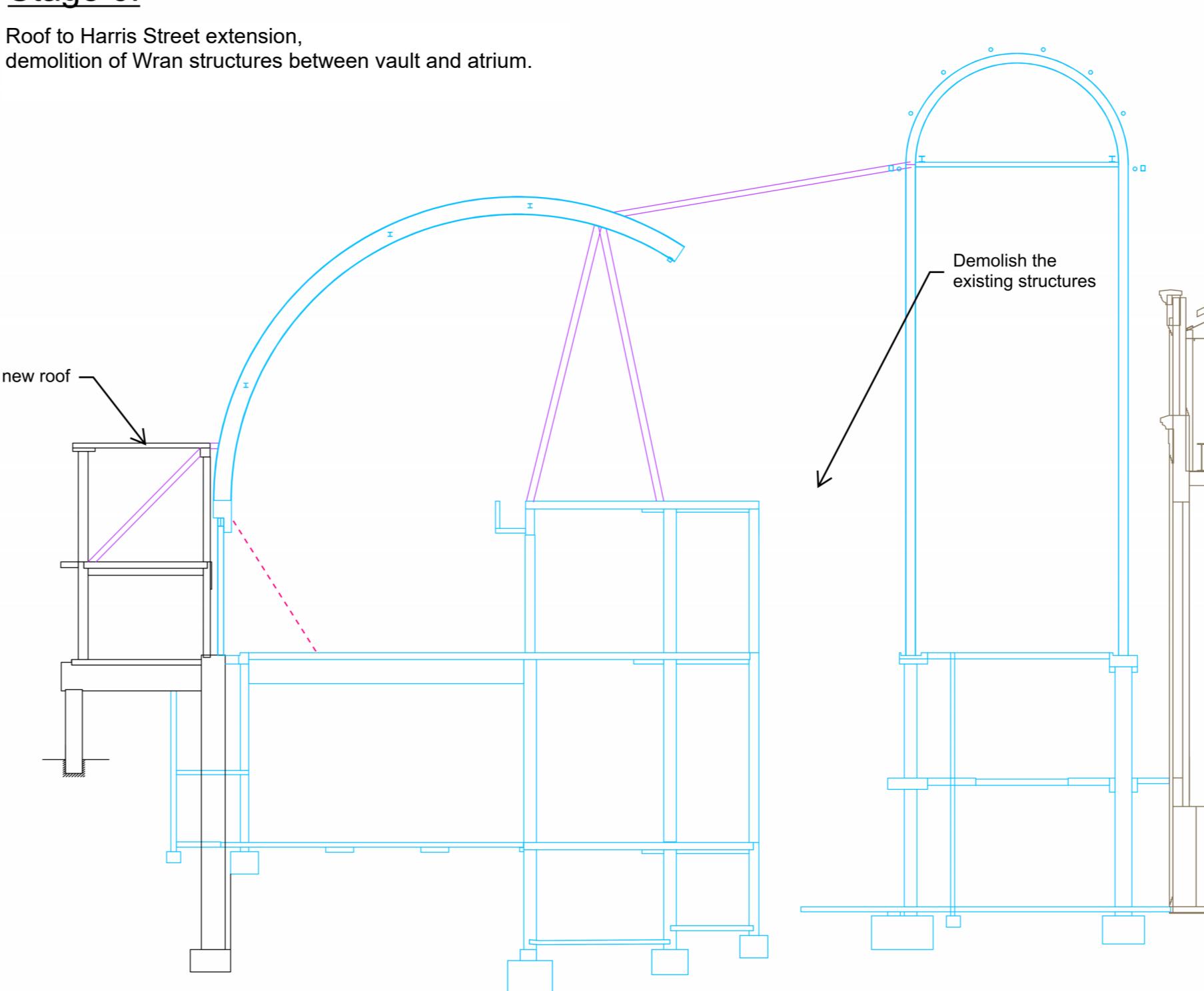
Stage 5:

Removal of concrete roof slab elements from upper level of Wran building, for reuse in Harris Street extension



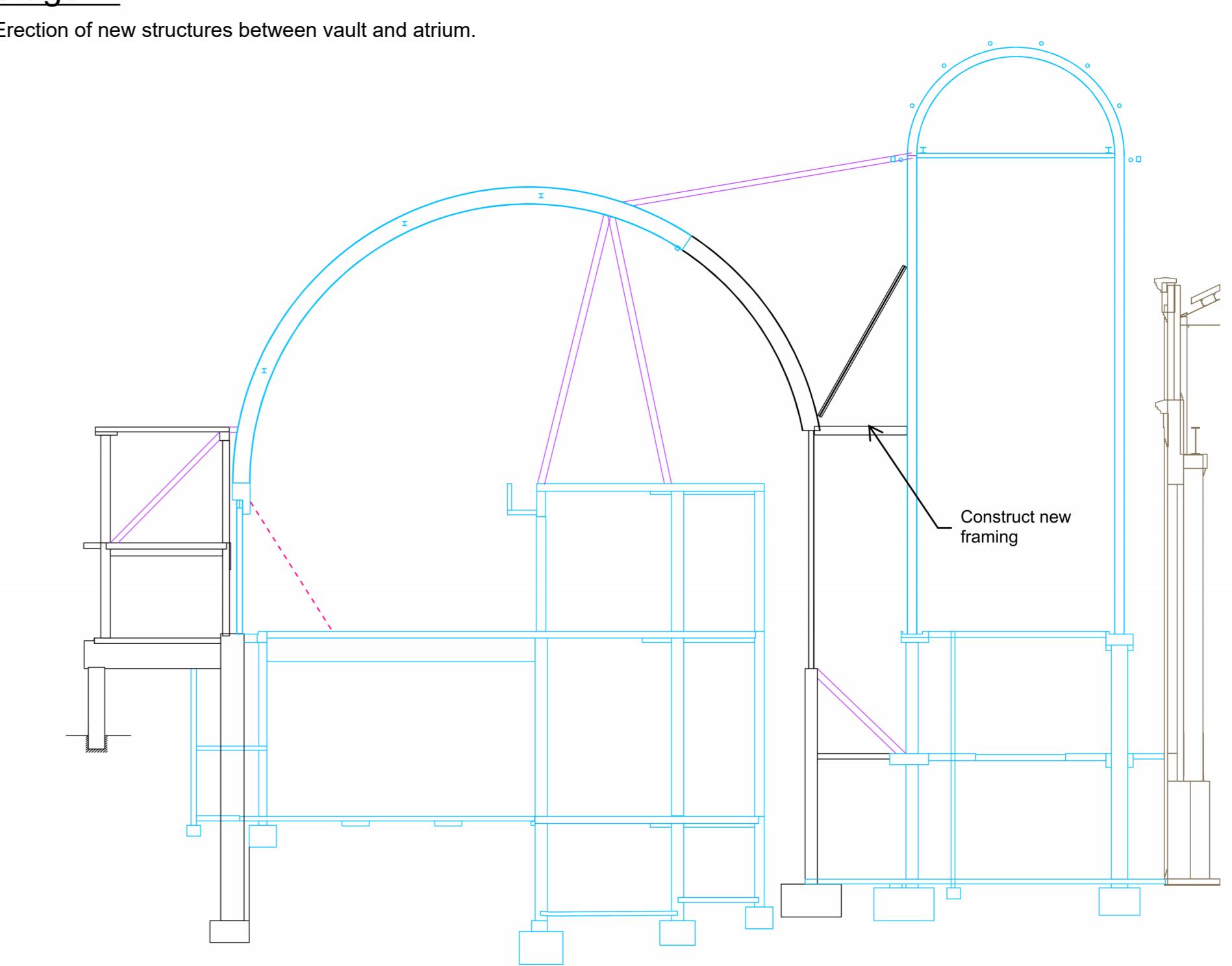
Stage 6:

Roof to Harris Street extension, demolition of Wran structures between vault and atrium.



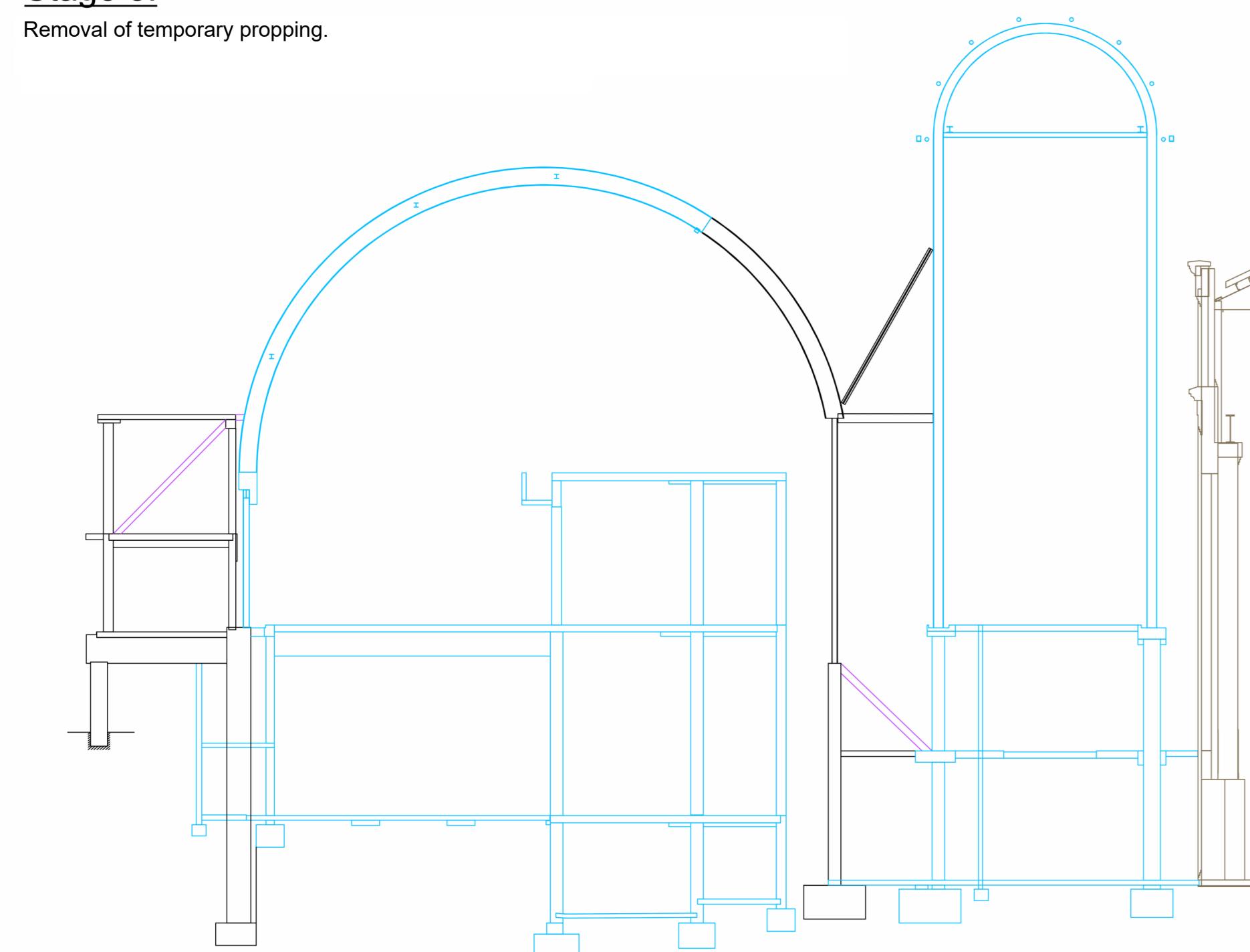
Stage 7:

Erection of new structures between vault and atrium.



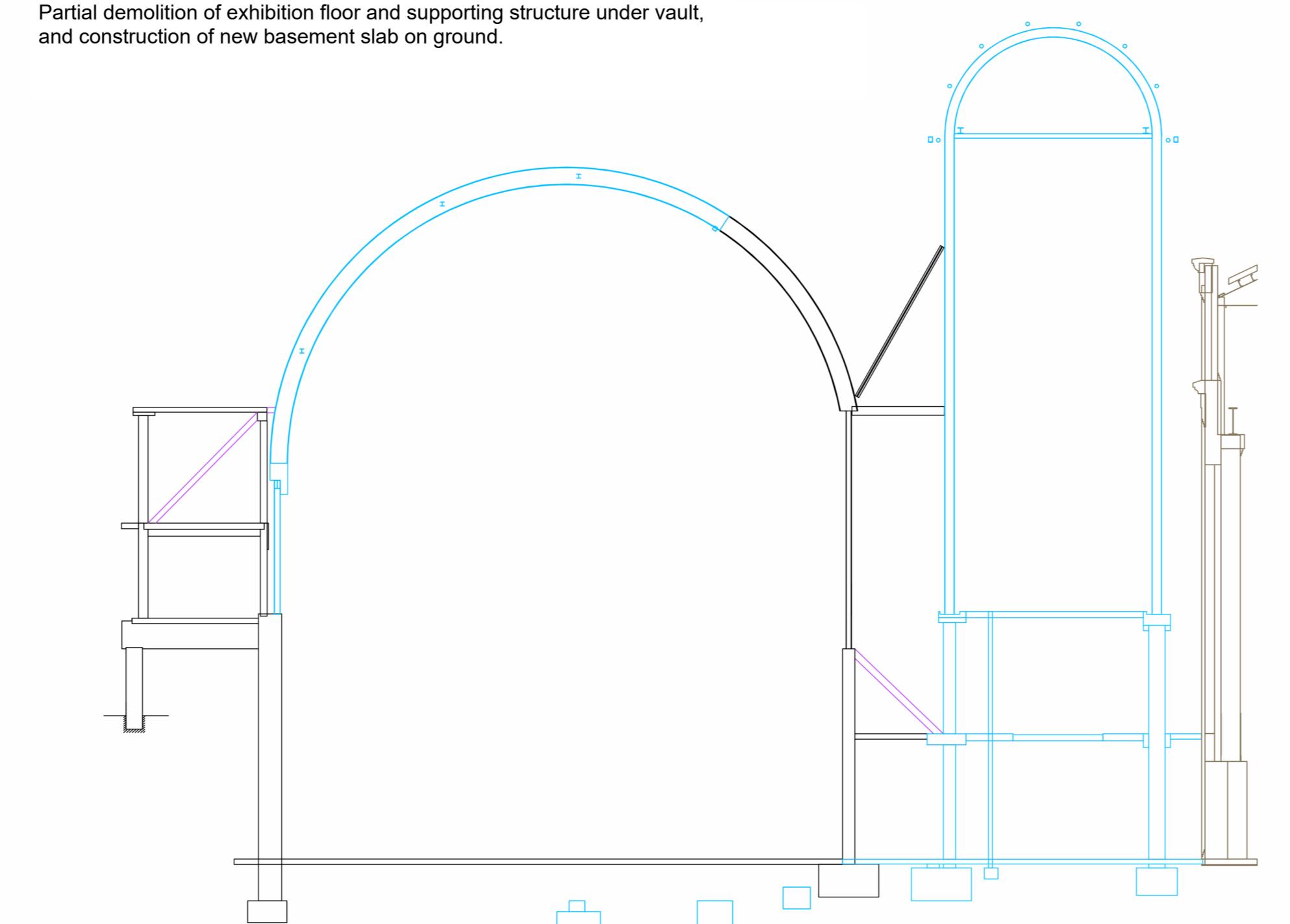
Stage 8:

Removal of temporary propping.



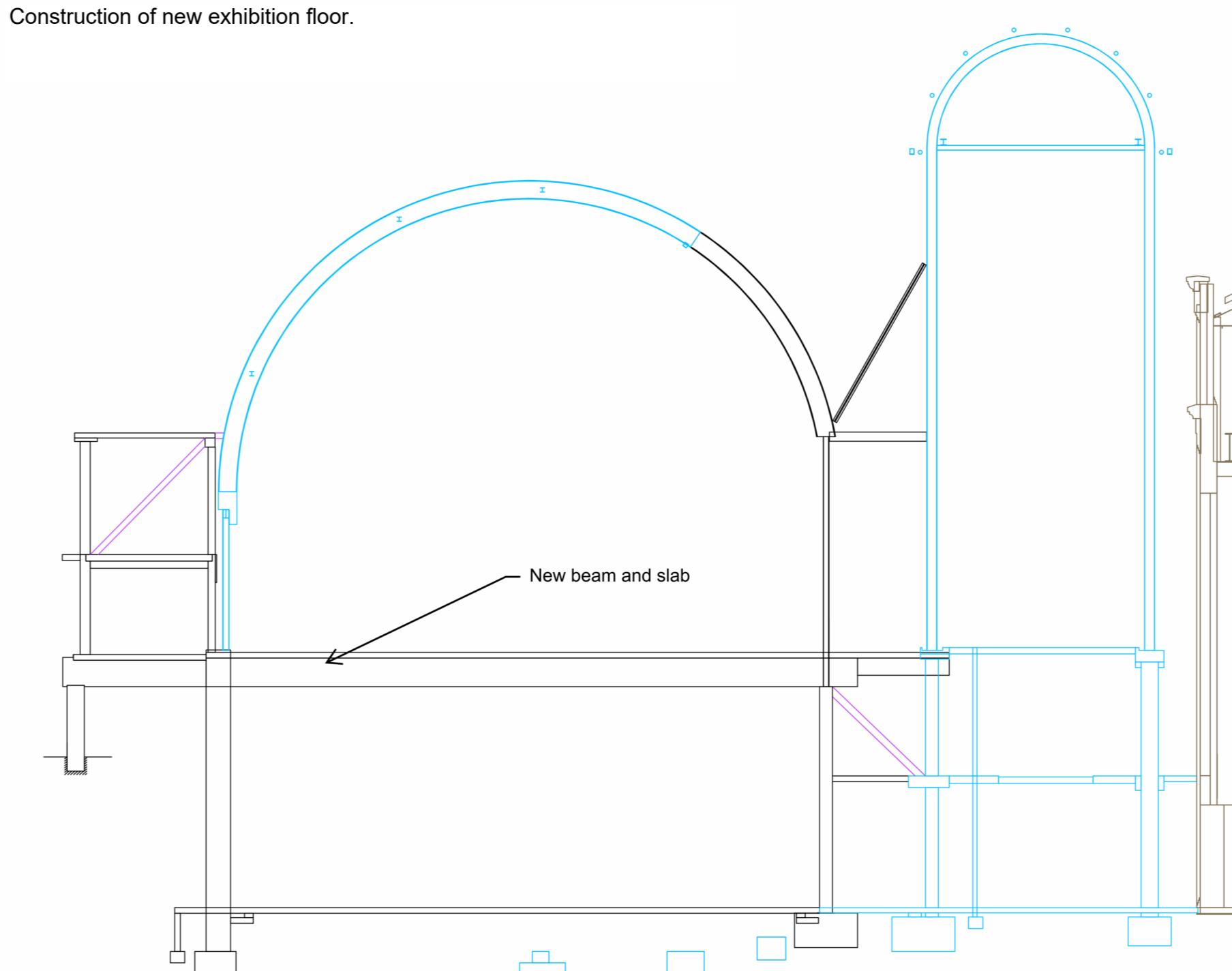
Stage 9:

Partial demolition of exhibition floor and supporting structure under vault, and construction of new basement slab on ground.



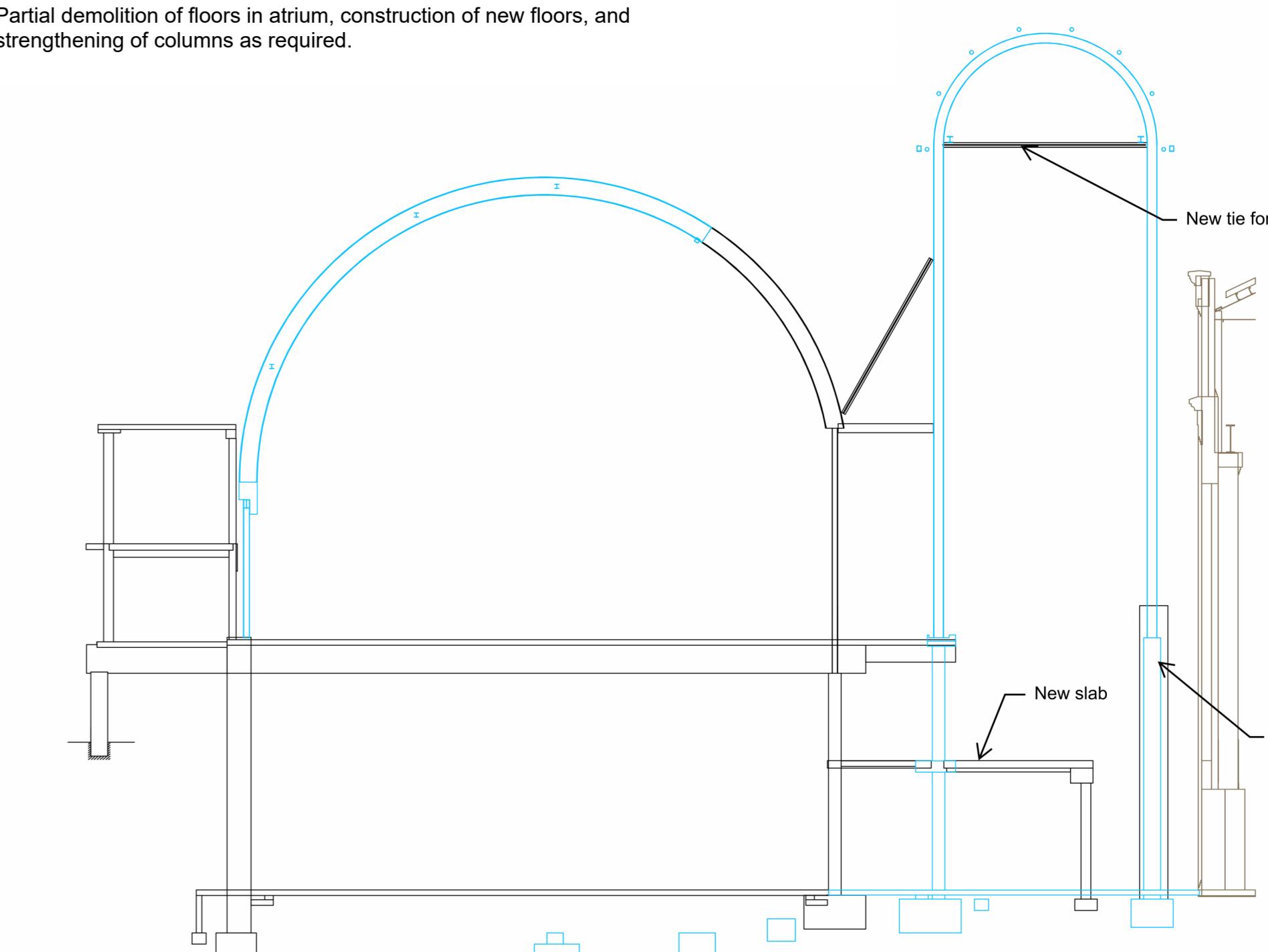
Stage 10:

Construction of new exhibition floor.



Stage 11:

Partial demolition of floors in atrium, construction of new floors, and strengthening of columns as required.

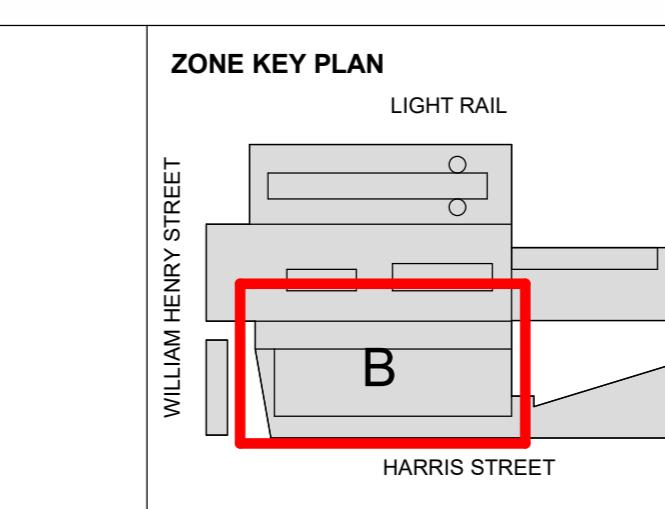


Issue amendment	date	
P01 Schematic Design	15.03.24	
0 1 2.5 5		
checked	KT	scale
drawn	PD	project no
293588		

NOT FOR CONSTRUCTION

DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR

Do not scale drawings. Verify all dimensions on site



Powerhouse Ultimo Revitalisation

Harris and MacArthur Streets, Ultimo, NSW 2007

Wran Building

Indicative Construction Sequence (Preliminary only)

drawing no.

SSK-030

issue

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