

Memorandum

To	Tom Kennedy, INSW
Date	12 July 2024
Copies	Andrej Stevanovic, INSW
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.

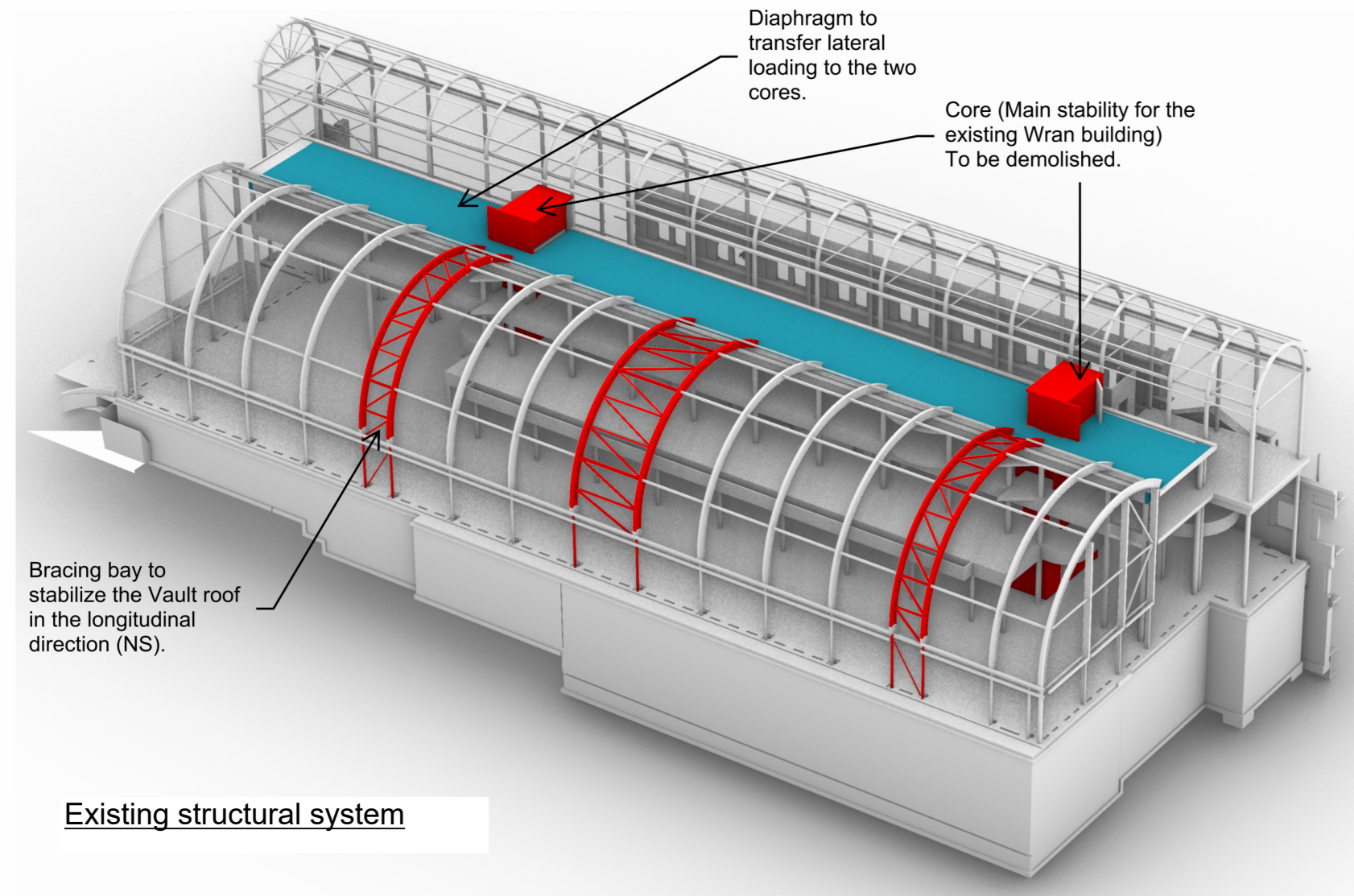
The sequencing has been developed to demonstrate the one possible solution to the construction of the proposed development. Other sequences or methodologies may be employed by the appointed Contractor to achieve the design intent.

Wran Building Construction Sequence

Notes

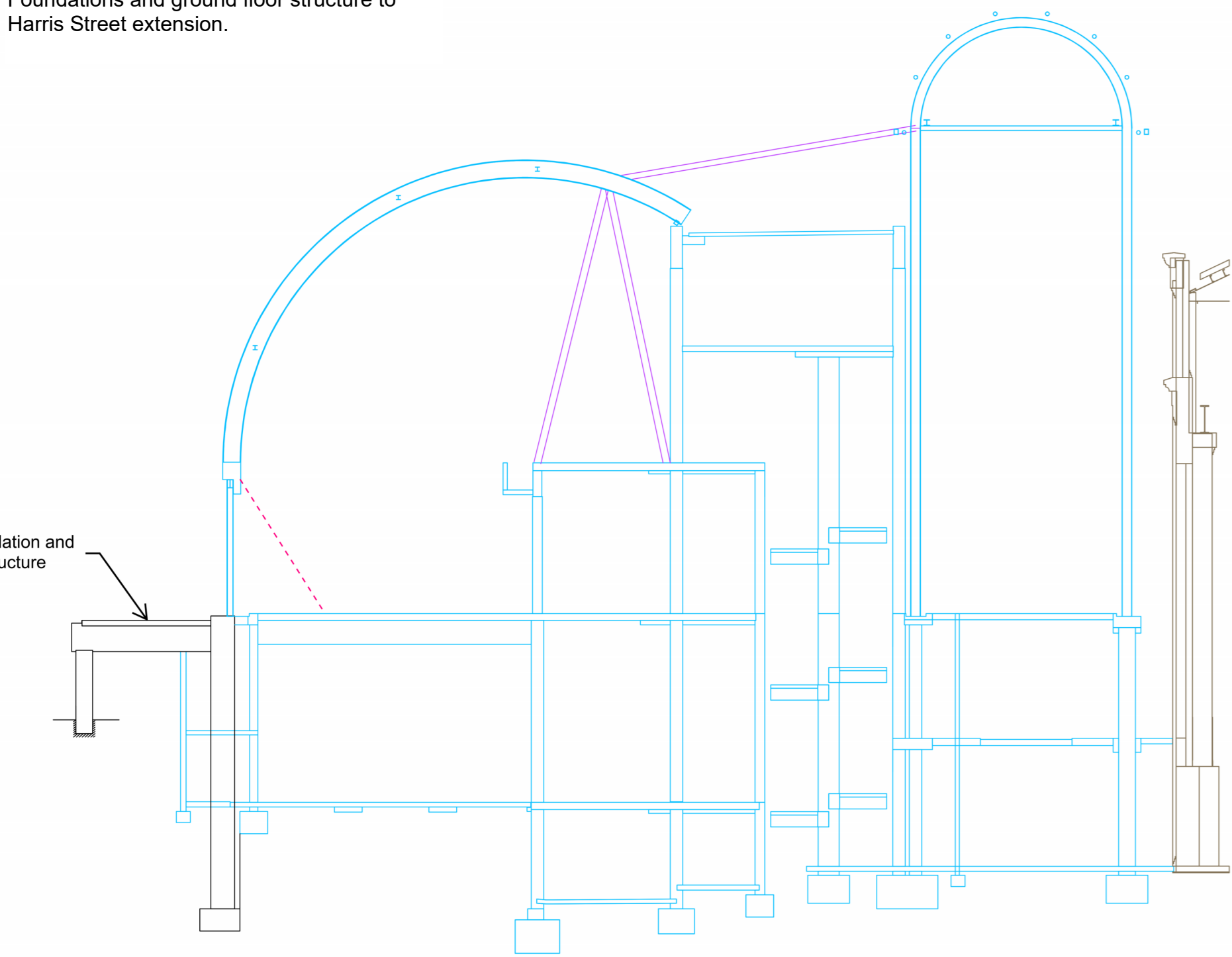
This drawing shows an indicative sequence of structural demolition and construction for the proposed modifications to the Wran building.

The appointed Contractor will develop the final sequencing and methodology.



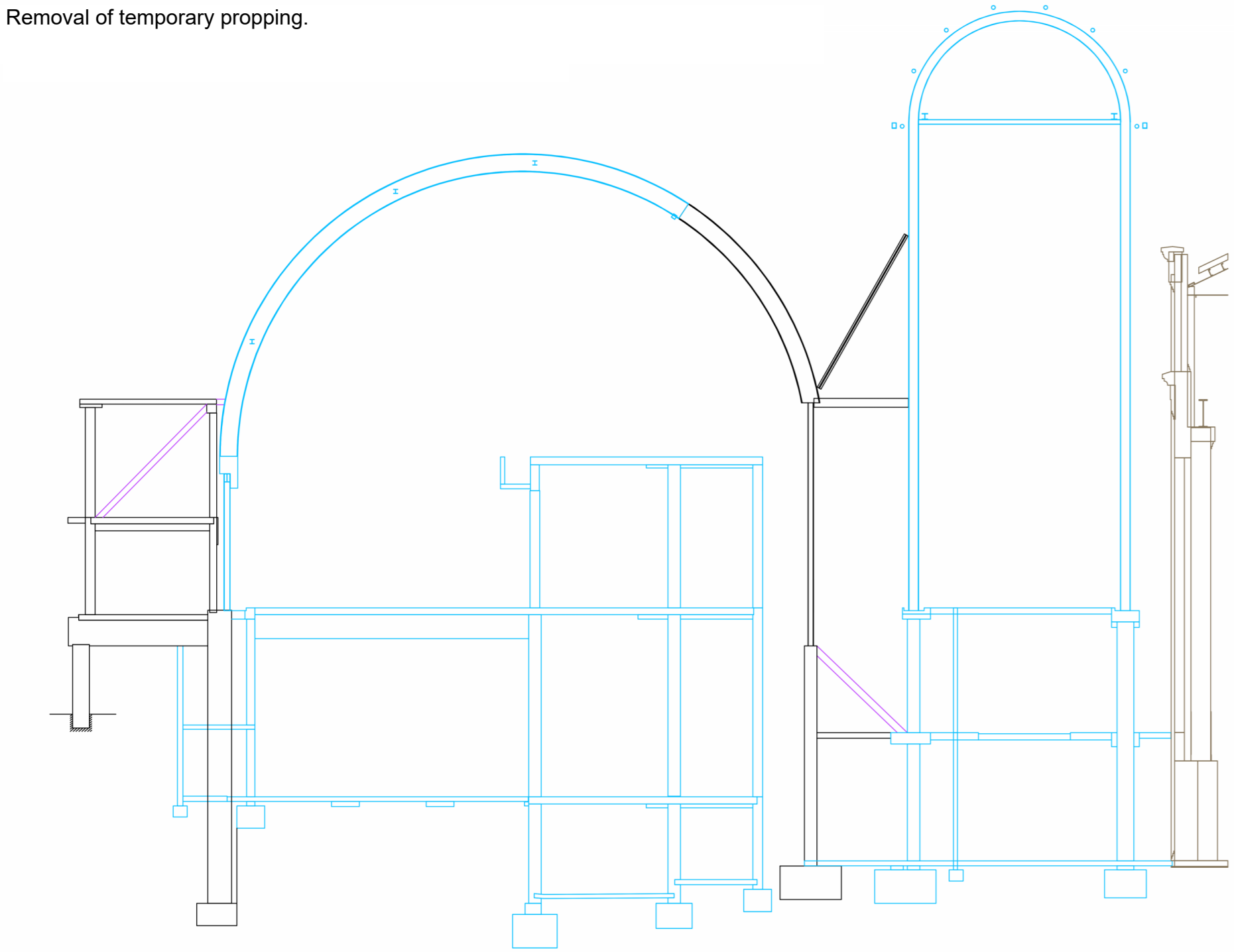
Stage 4:

Foundations and ground floor structure to Harris Street extension.



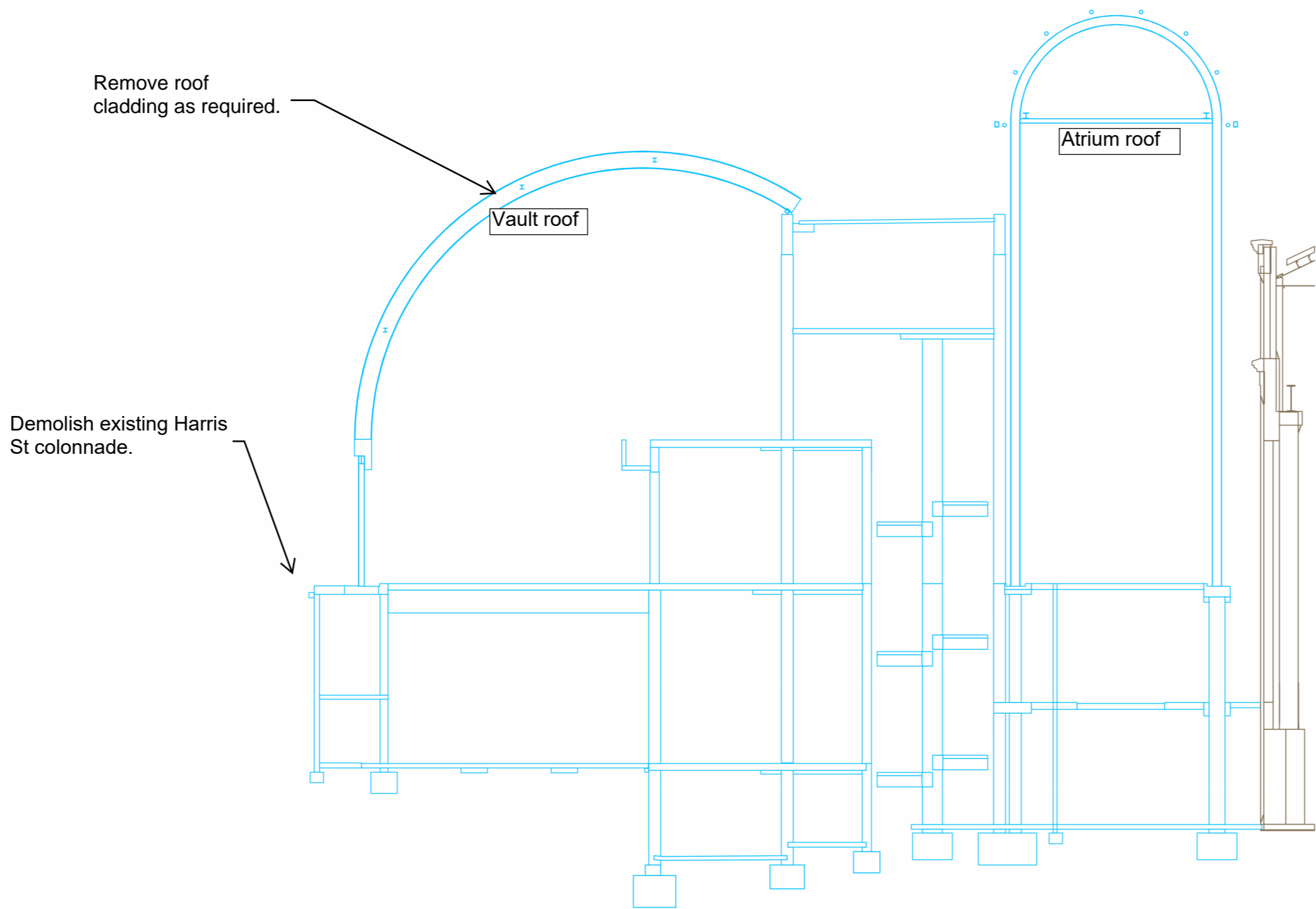
Stage 8:

Removal of temporary propping.



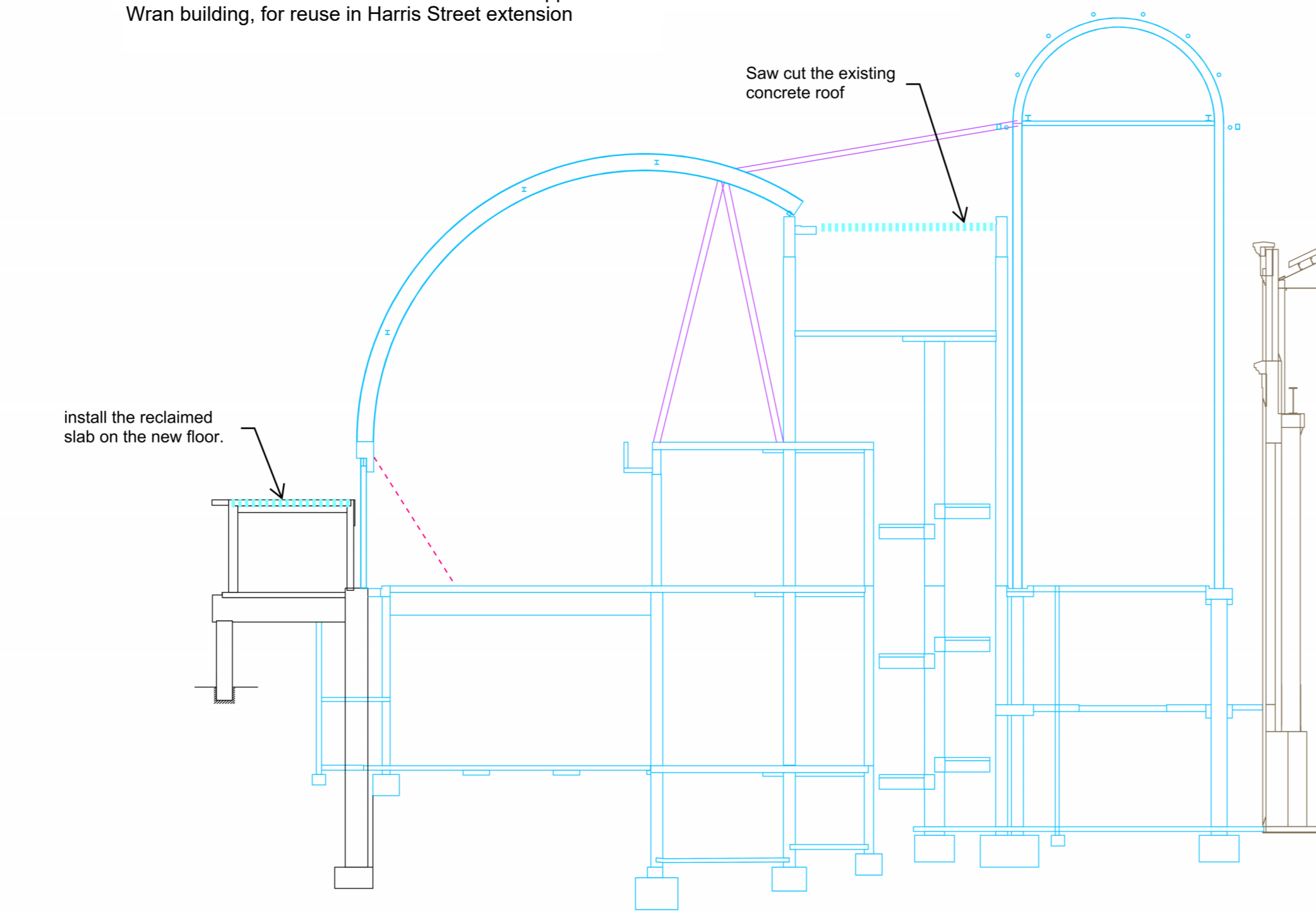
Stage 1:

External demolition.



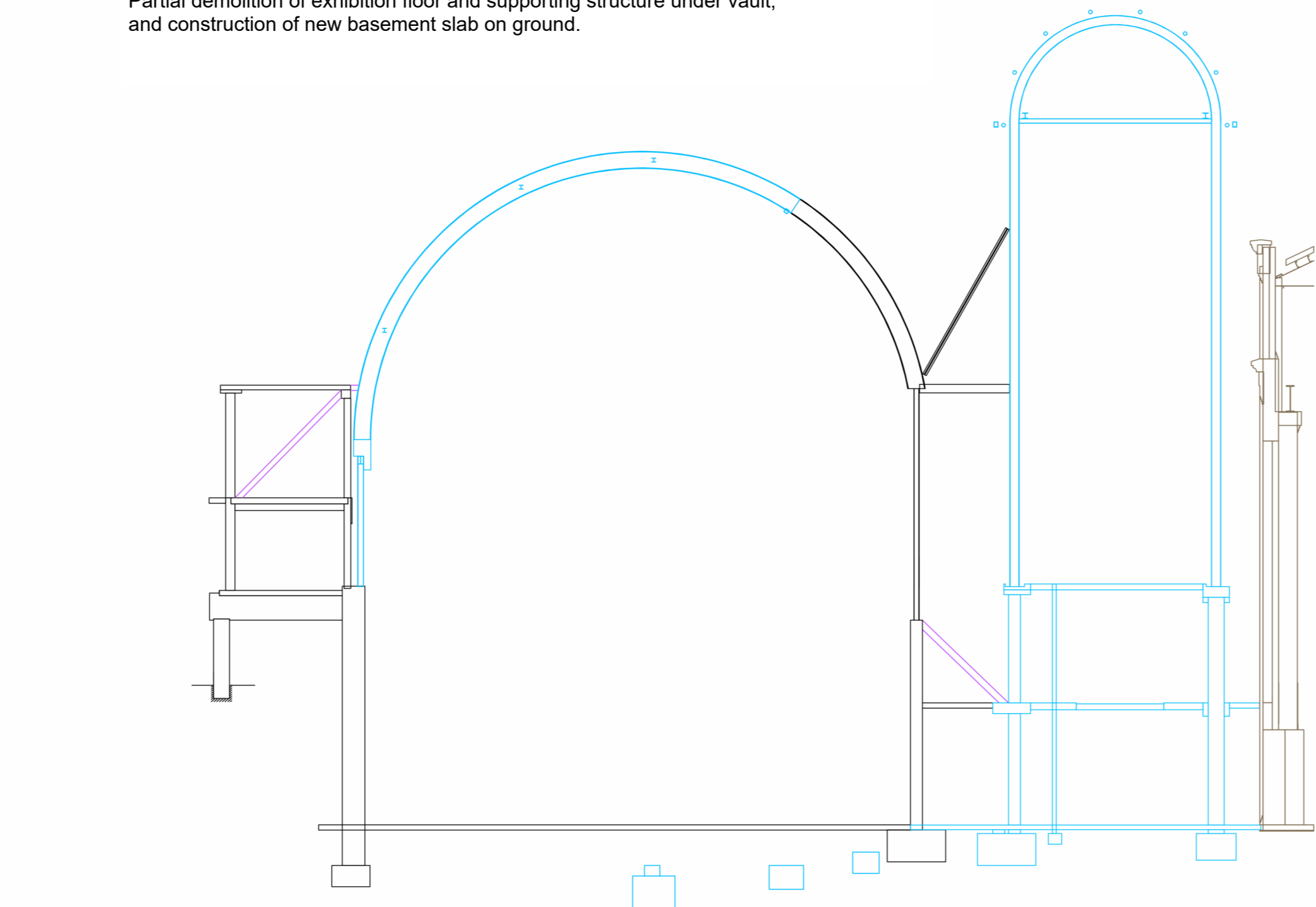
Stage 5:

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



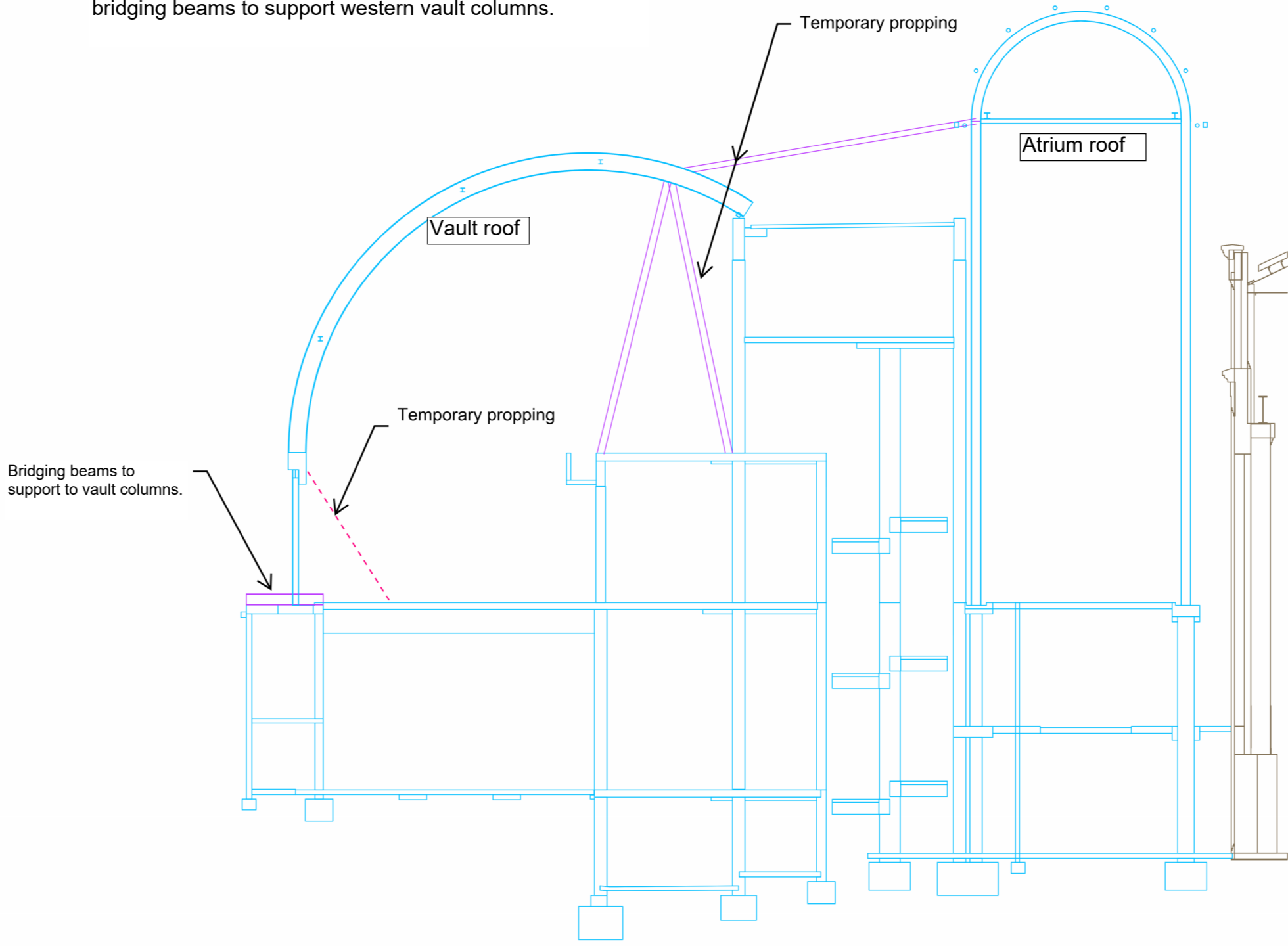
Stage 9:

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



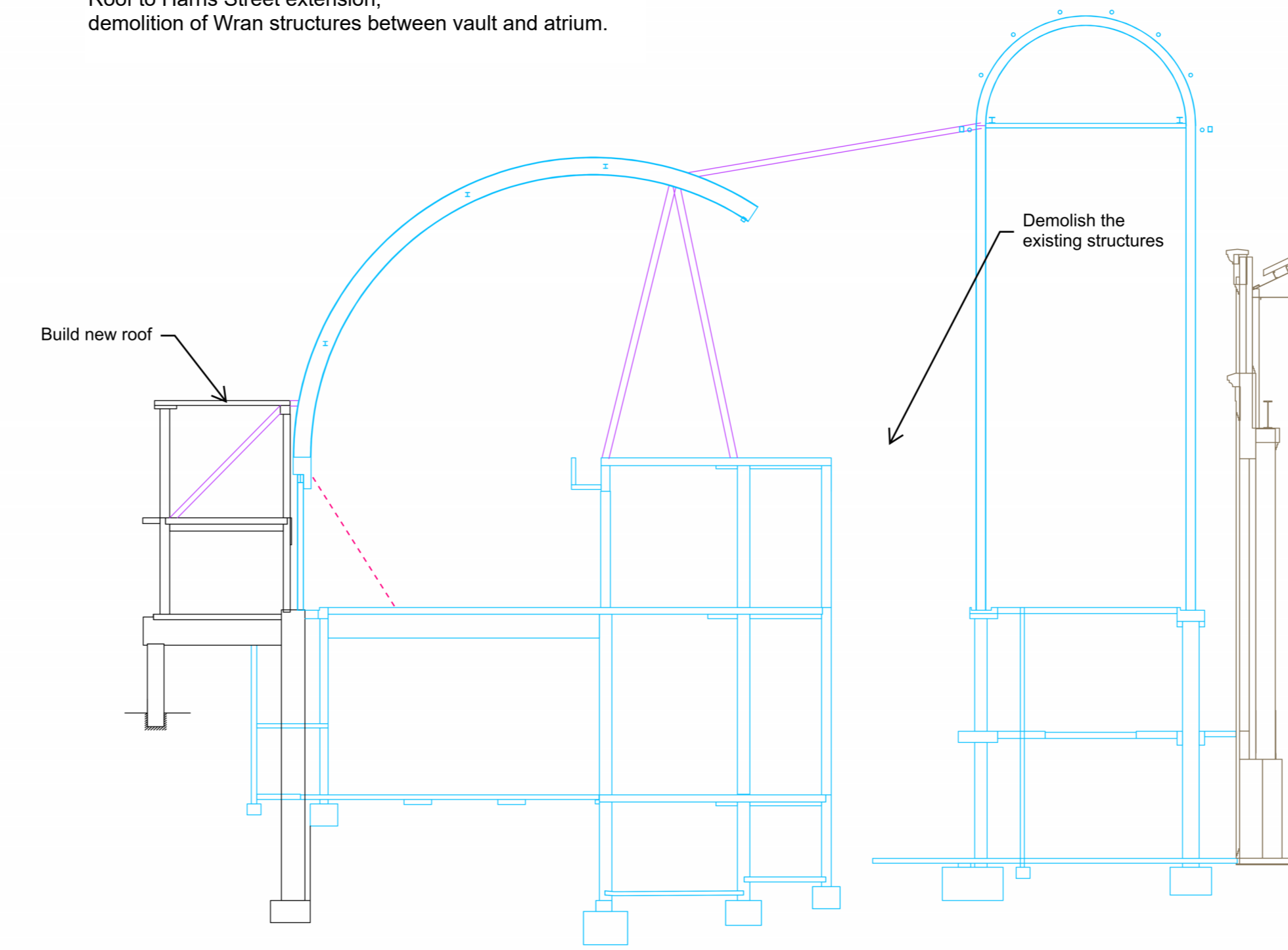
Stage 2:

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



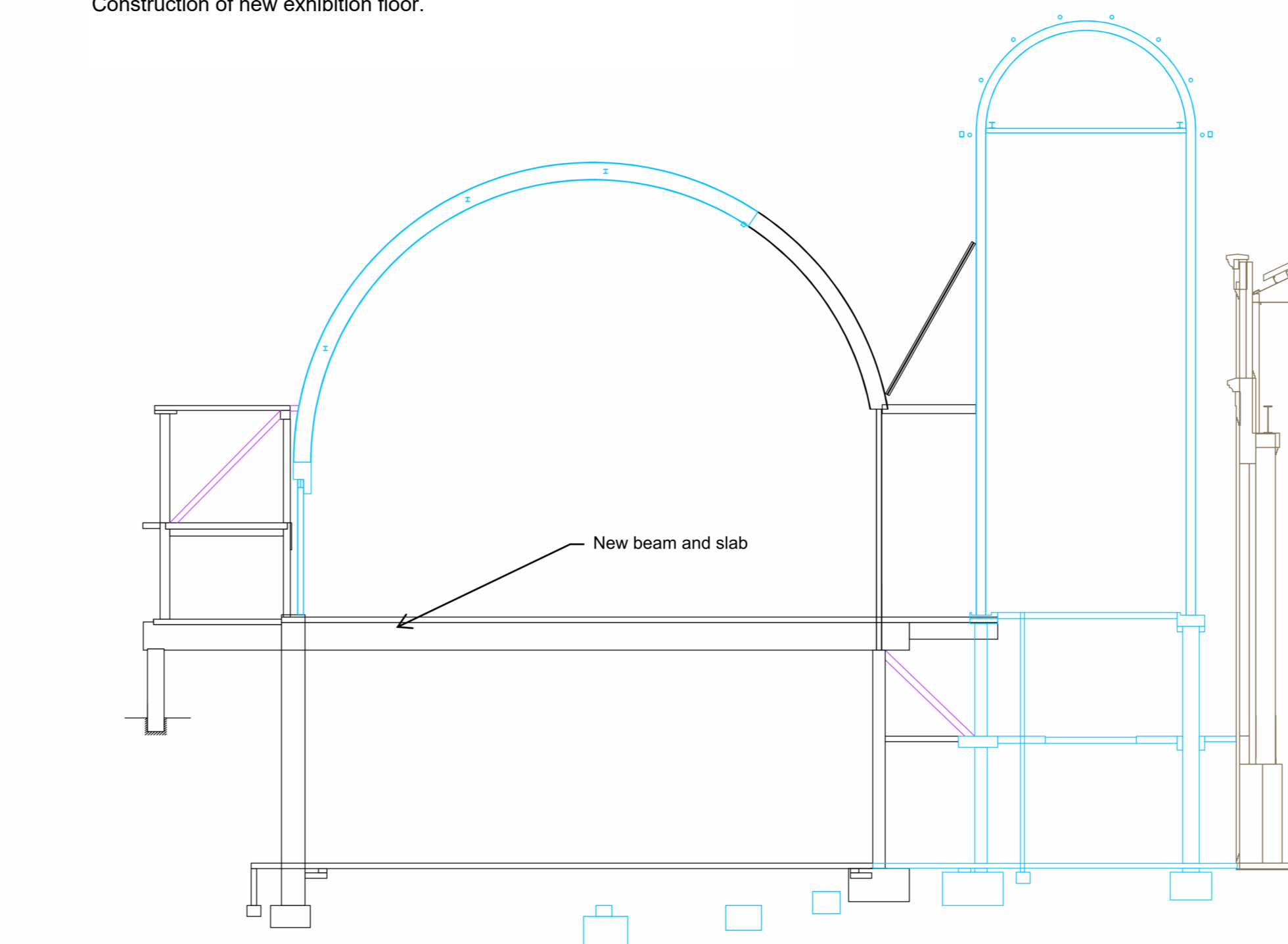
Stage 6:

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



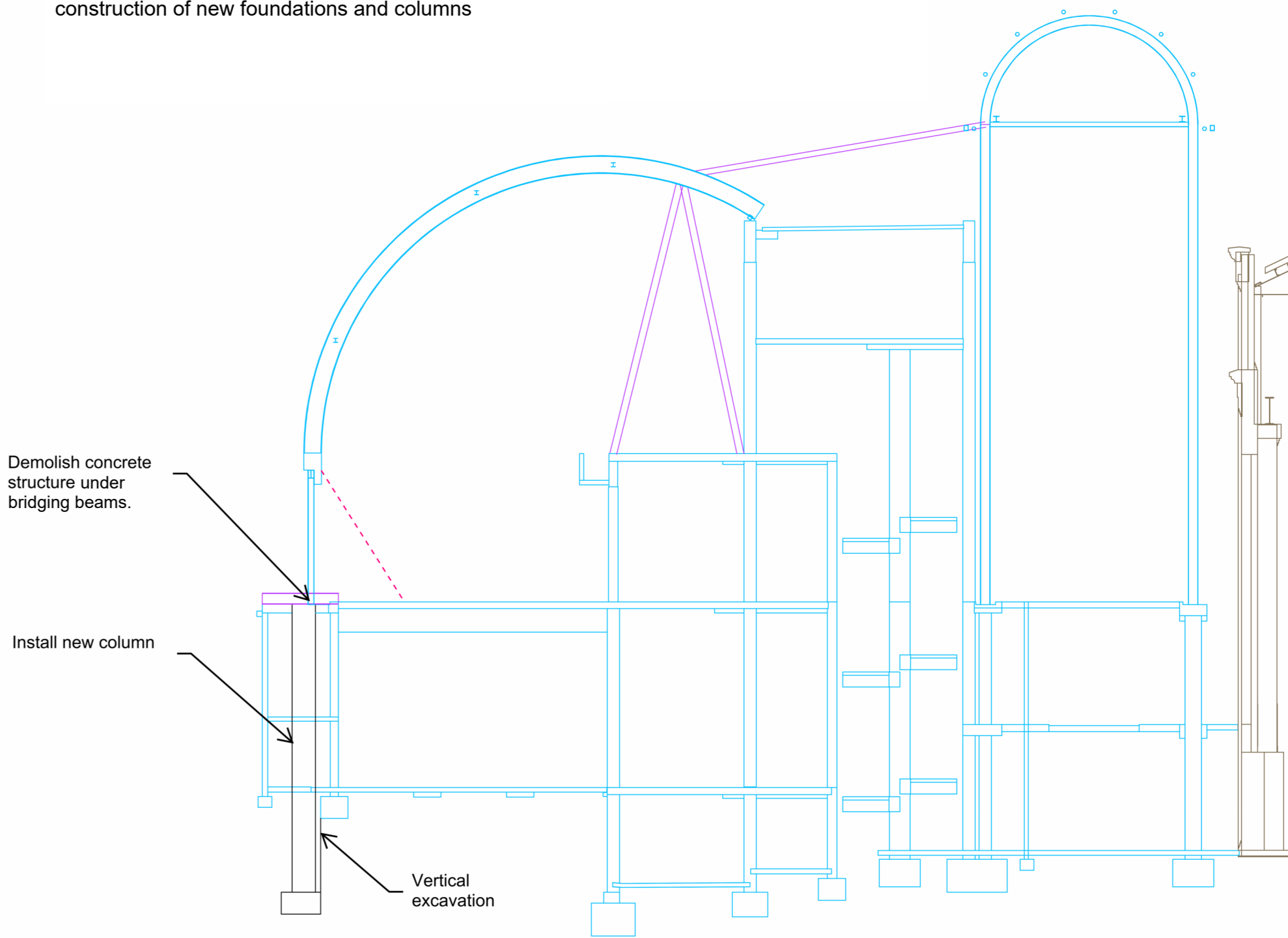
Stage 10:

Construction of new exhibition floor.



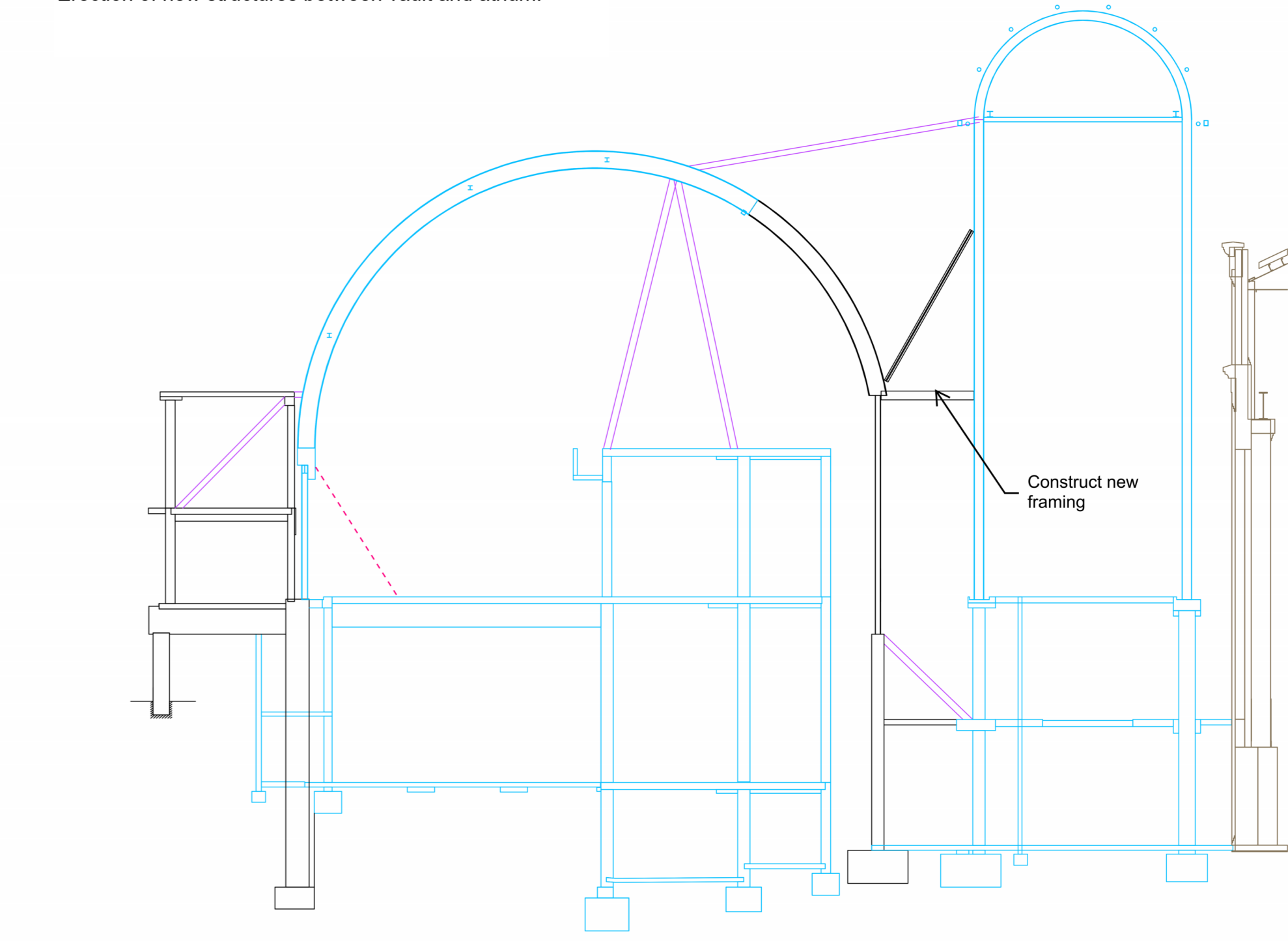
Stage 3:

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



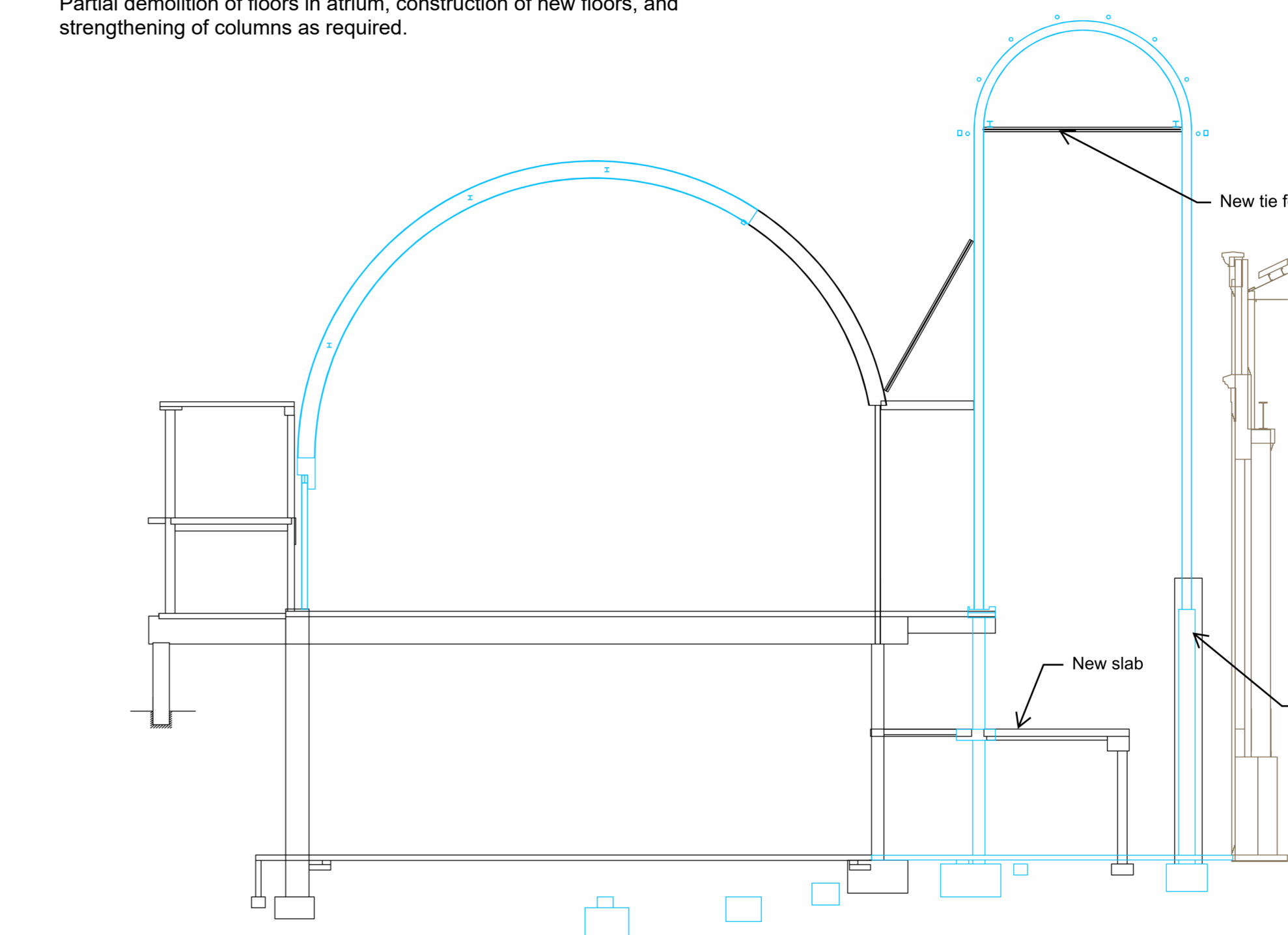
Stage 7:

Erection of new structures between vault and atrium.



Stage 11:

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



<p>Issue amendment</p> <p>P01 Schematic Design</p> <p>date</p> <p>15.03.24</p>	<p>0 1 2.5 5</p>	<p>checked KT</p> <p>scale @A0</p> <p>drawn PD</p> <p>project no 293588</p>	<p>NOT FOR CONSTRUCTION</p> <p>DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR</p>	<p>ZONE KEY PLAN</p> <p>LIGHT RAIL</p> <p>WILLIAM HENRY STREET</p> <p>HARRIS STREET</p> <p>B</p>	<p>ZONES A + D + E</p> <p>Lead Architect</p> <p>Architectus</p> <p>Level 18, 25 Martin Place</p> <p>Sydney NSW 2000</p> <p>T (02) 9252 8400</p> <p>2011 Australia</p> <p>yousofzay@architectus.com.au</p> <p>architectus™</p>	<p>ZONES C + B</p> <p>Lead Architect</p> <p>Durbach Block Jagers</p> <p>Level 2, 9 Rossmore St</p> <p>Durham NSW</p> <p>T (02) 9252 8400</p> <p>2011 Australia</p> <p>181 2 8281 3500</p> <p>durbachblockjagers.com</p> <p>architectus™</p>	<p>ARUP</p> <p>Level 2, 111 Goulburn Street</p> <p>Sydney NSW 2000 Australia</p> <p>T (02) 9252 8400</p> <p>www.arup.com</p>	<p>project</p> <p>Powerhouse Ultimo Revitalisation</p> <p>Harris and Macarthur Streets, Ultimo, NSW 2007</p> <p>drawing</p> <p>Wran Building</p> <p>Indicative Construction Sequence</p> <p>(Preliminary only)</p> <p>drawing no</p> <p>SSK-030</p> <p>issue</p> <p>1</p>
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