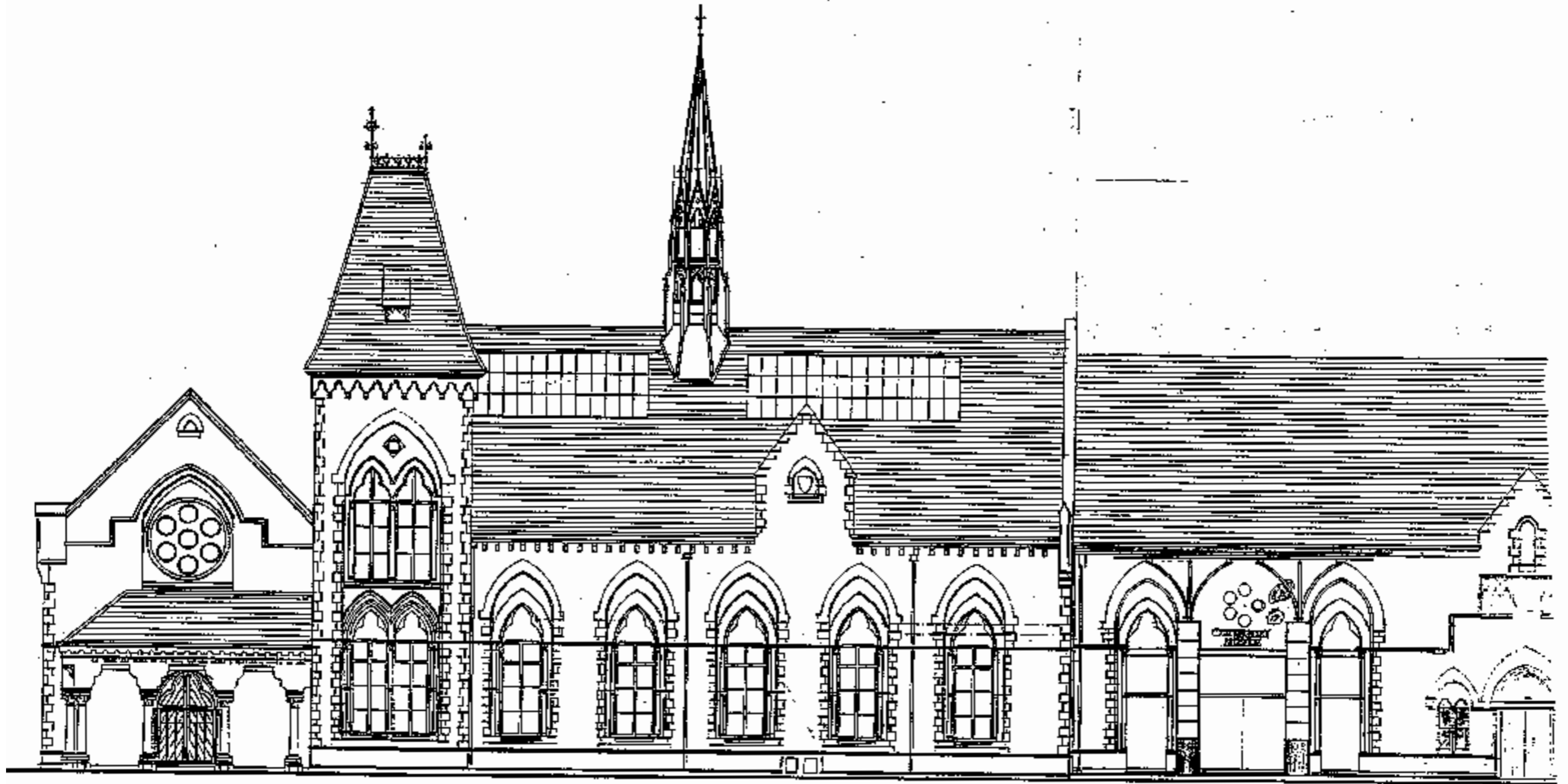


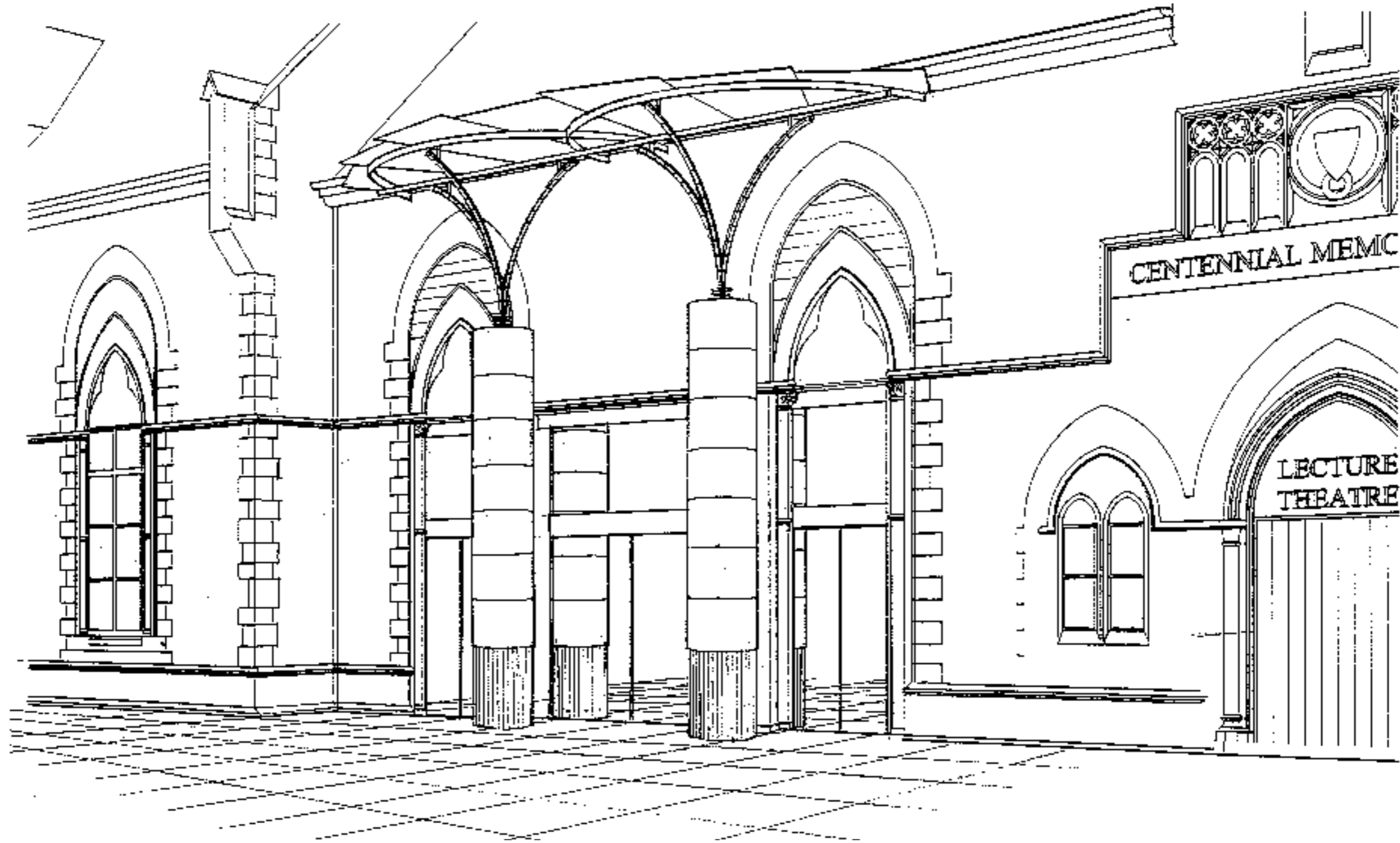
A. *ROLLESTON AVE ENTRY*
PREVIOUS OPTIONS
VIAL & BELLERBY ARCHITECTS



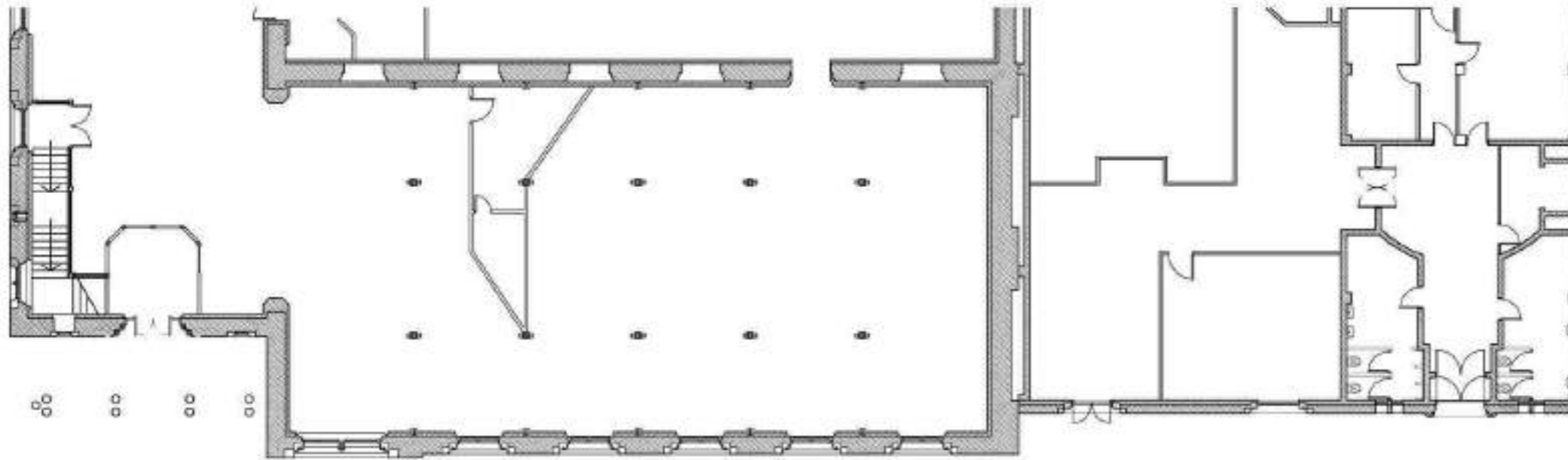
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PREVIOUS OPTIONS
VIAL & BELLERBY ARCHITECTS*



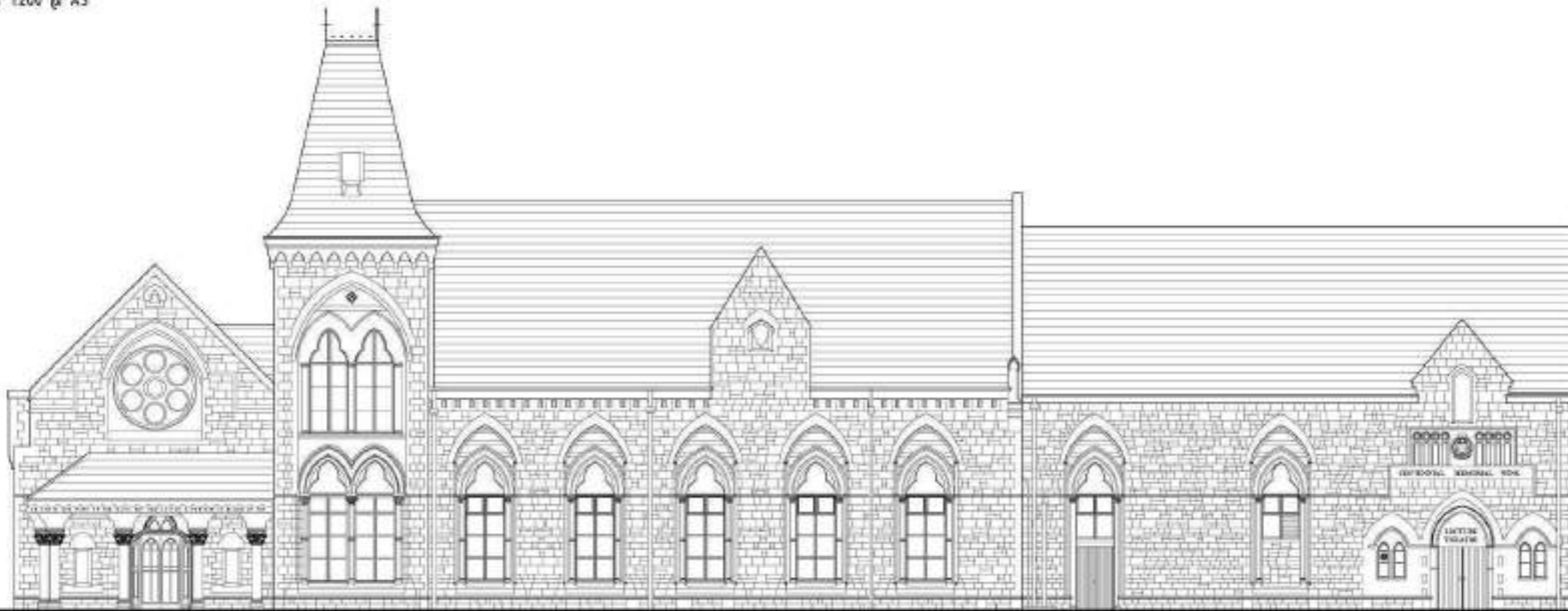
B. *ROLLESTON AVE ENTRY*
PREVIOUS OPTIONS
VIAL & BELLERBY ARCHITECTS



C. ROLLESTON AVE ENTRY PREVIOUS MUSEUM REVITALISATION PROJECT

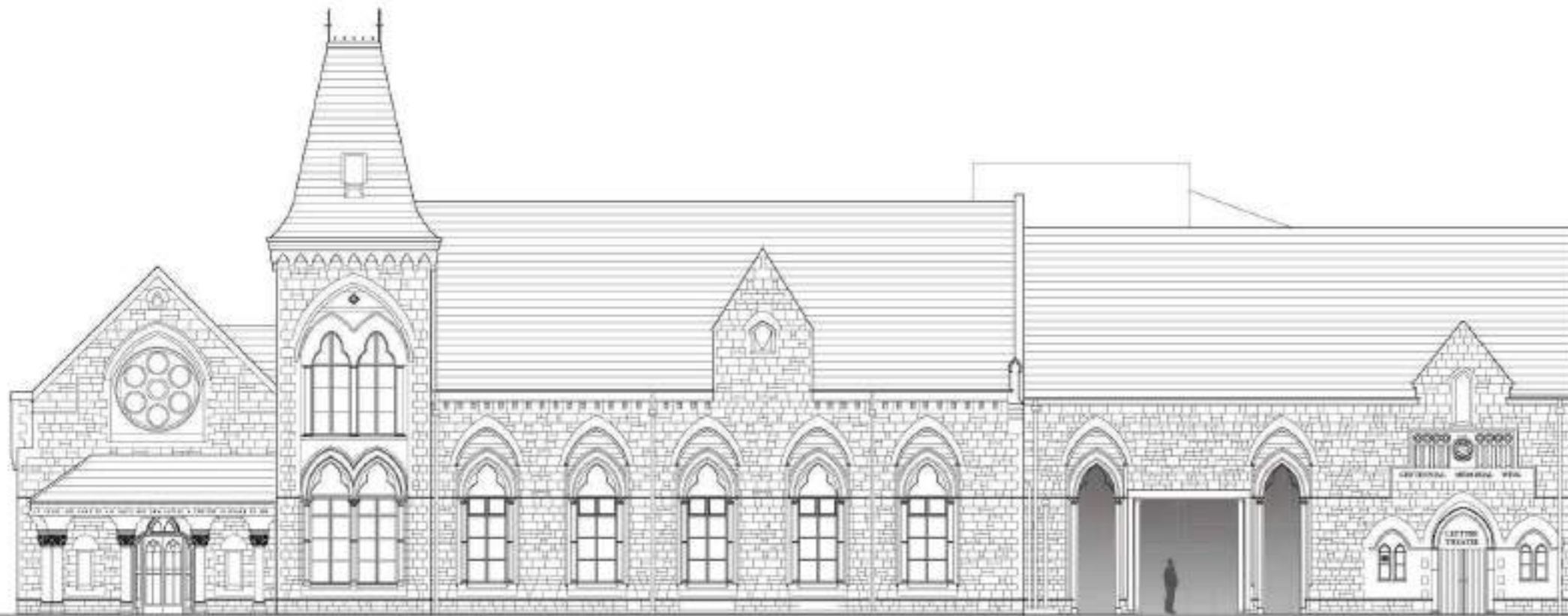
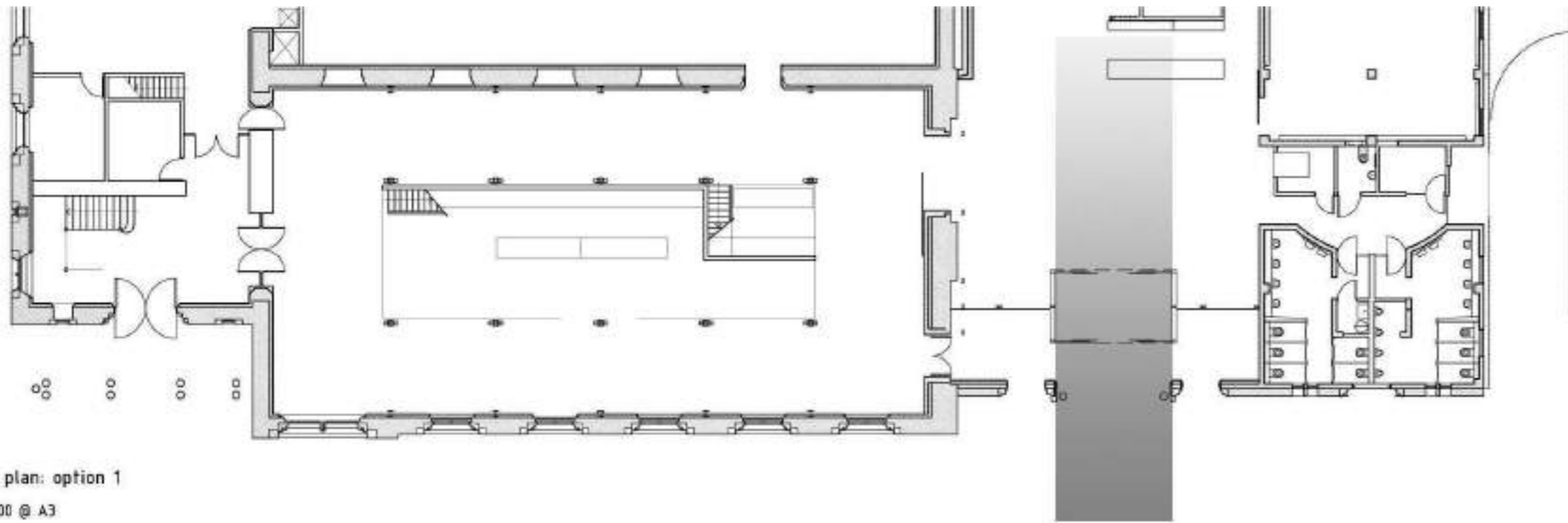


existing plan
scale: 1200 @ A3

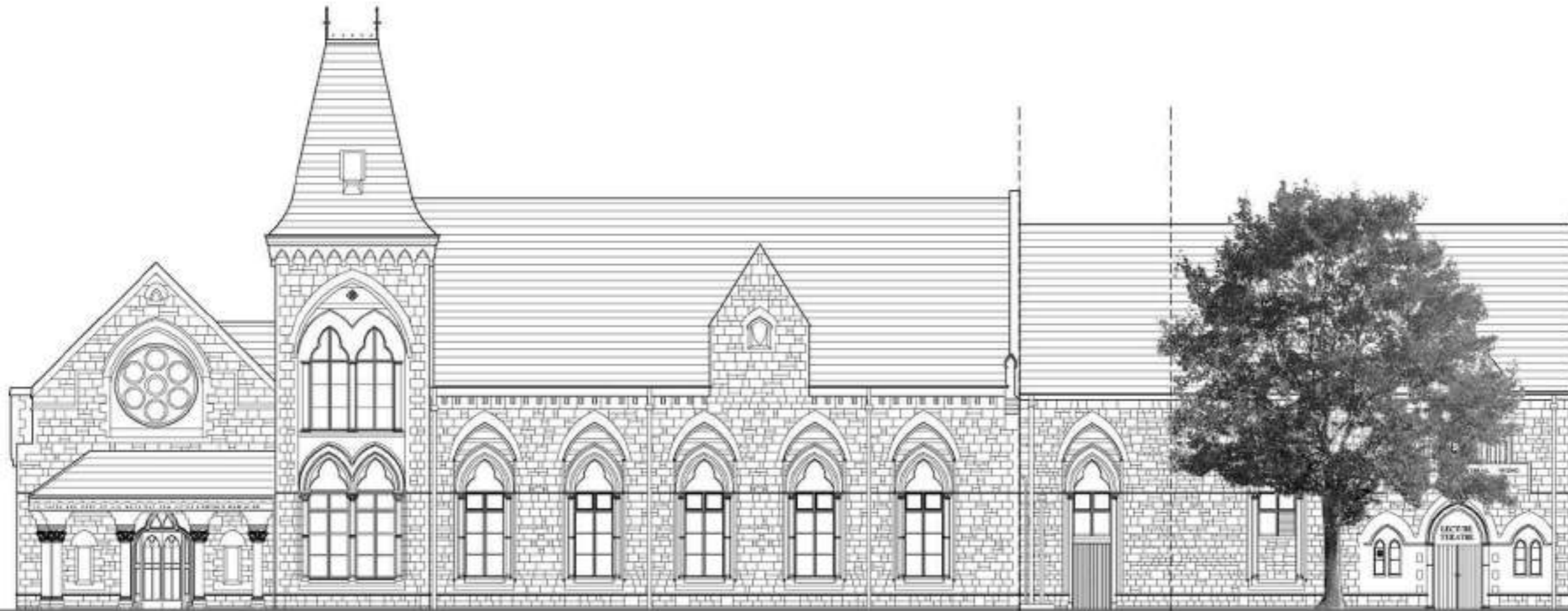


existing elevation
scale: 1200 @ A3

D. ROLLESTON AVE ENTRY PREVIOUS MUSEUM REVITALISATION PROJECT



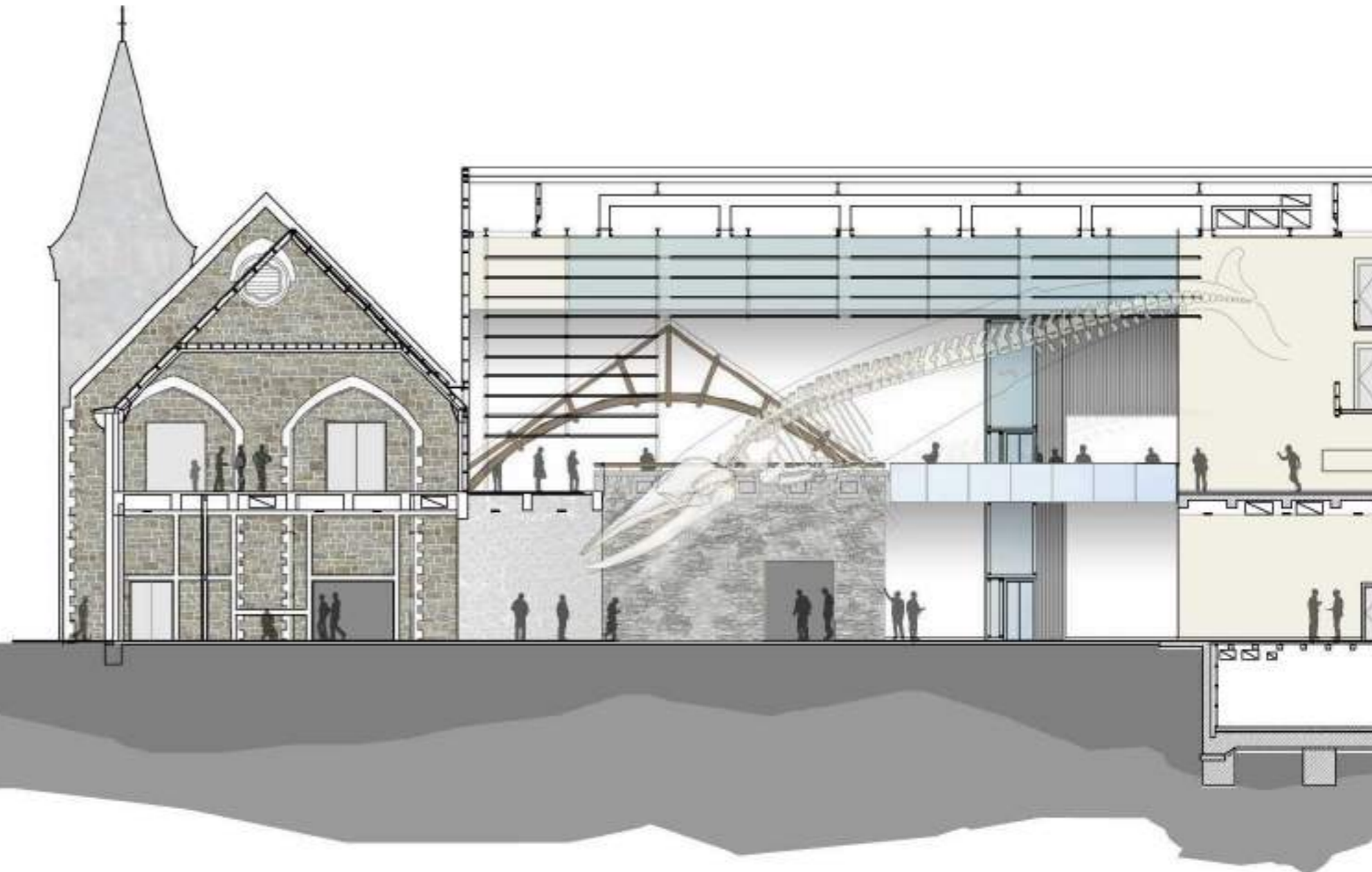
F. *ROLLESTON AVE ENTRY
PREVIOUS MUSEUM
REVITALISATION PROJECT*



F. *ROLLESTON AVE ENTRY
PREVIOUS MUSEUM
REVITALISATION PROJECT*



E. ROLLESTON AVE ENTRY PREVIOUS MUSEUM REVITALISATION PROJECT



proposed section 1.1 as lodged for resource consent
scale: 1:200 @ A3

99-82
Canterbury Museum Revitalisation Project
New Entry & Restaurant Alternative



25.10.2005
A.2.4.5
05 Cambridge Terrace 105 Avondale Street
PO Box 3124 PO Box 2354
Christchurch Wellington
New Zealand New Zealand
ph 04 3 377 3007 ph 04 4 408 1727
fax 04 3 377 3008 fax 04 4 408 1900

F. *ROLLESTON AVE ENTRY
PREVIOUS MUSEUM
REVITALISATION PROJECT*



F.

**ROLLESTON AVE ENTRY
PREVIOUS MUSEUM
REVITALISATION PROJECT**



F.

ROLLESTON AVE ENTRY PREVIOUS MUSEUM REVITALISATION PROJECT

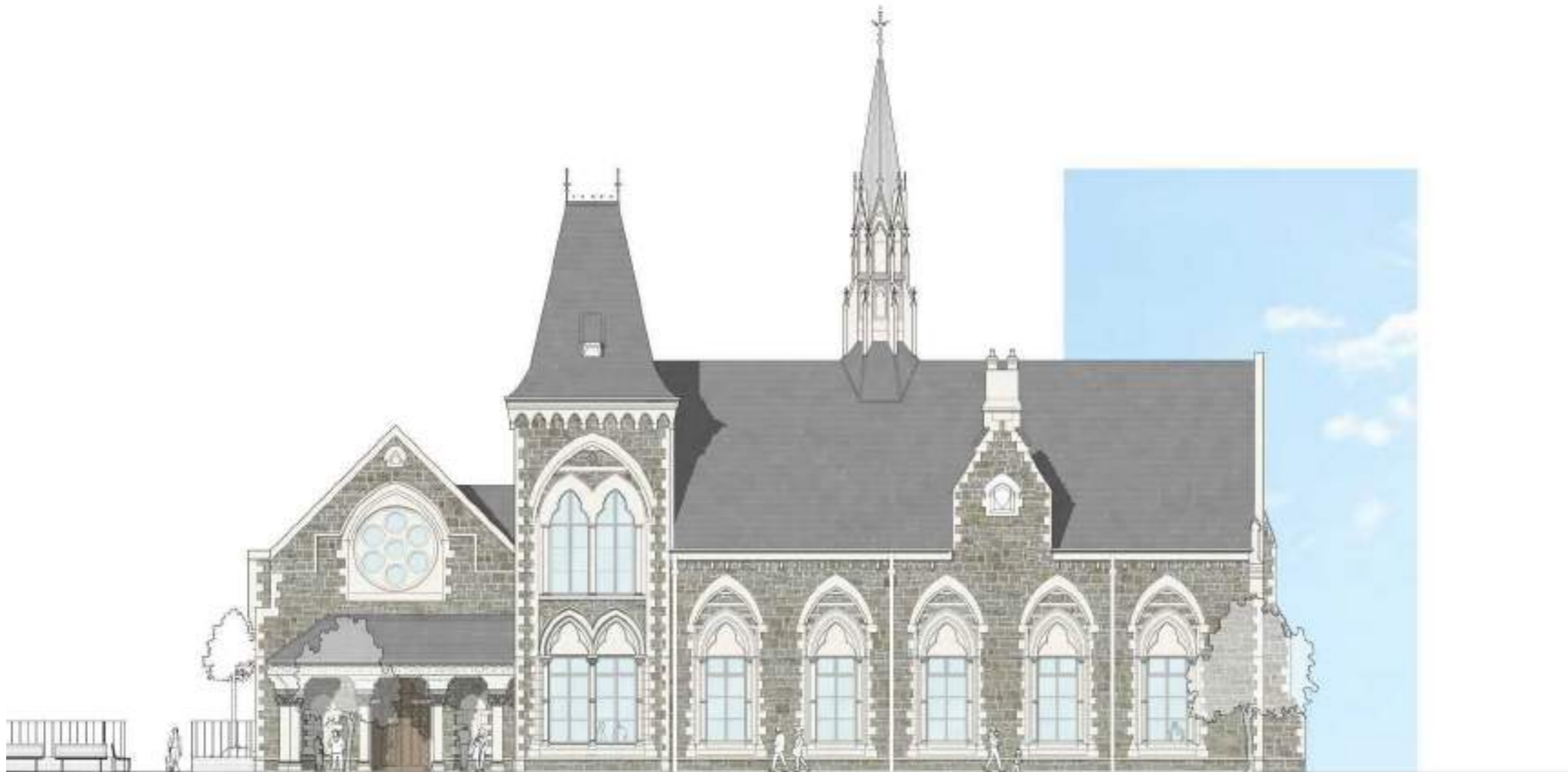
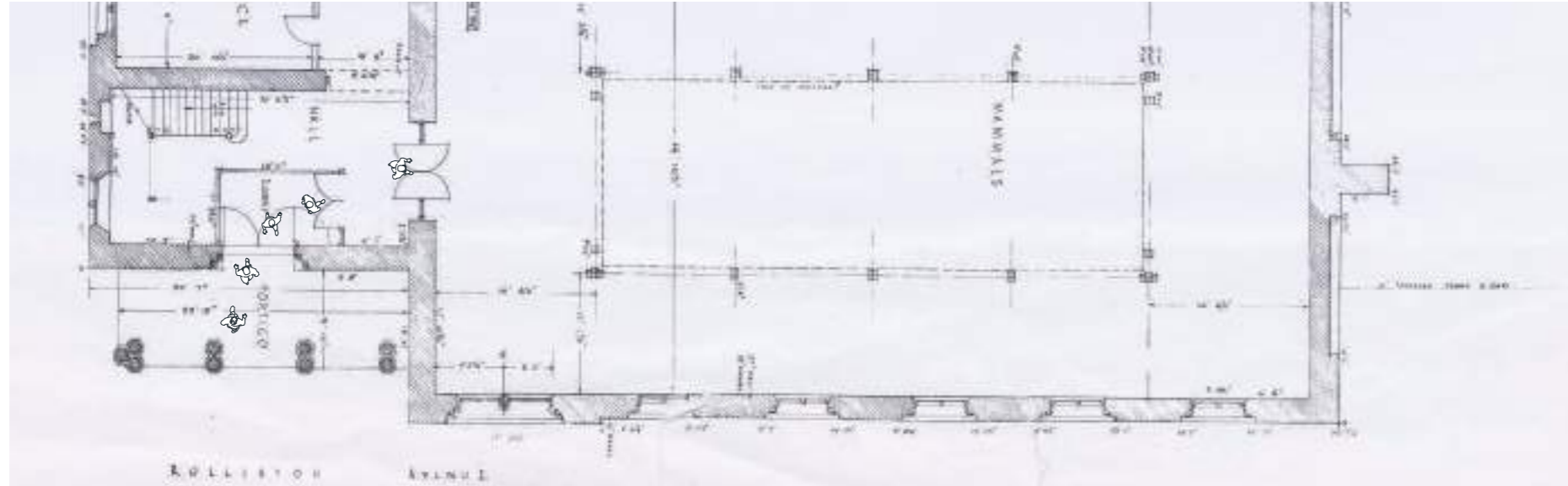


F. ROLLESTON AVE ENTRY PREVIOUS MUSEUM REVITALISATION PROJECT

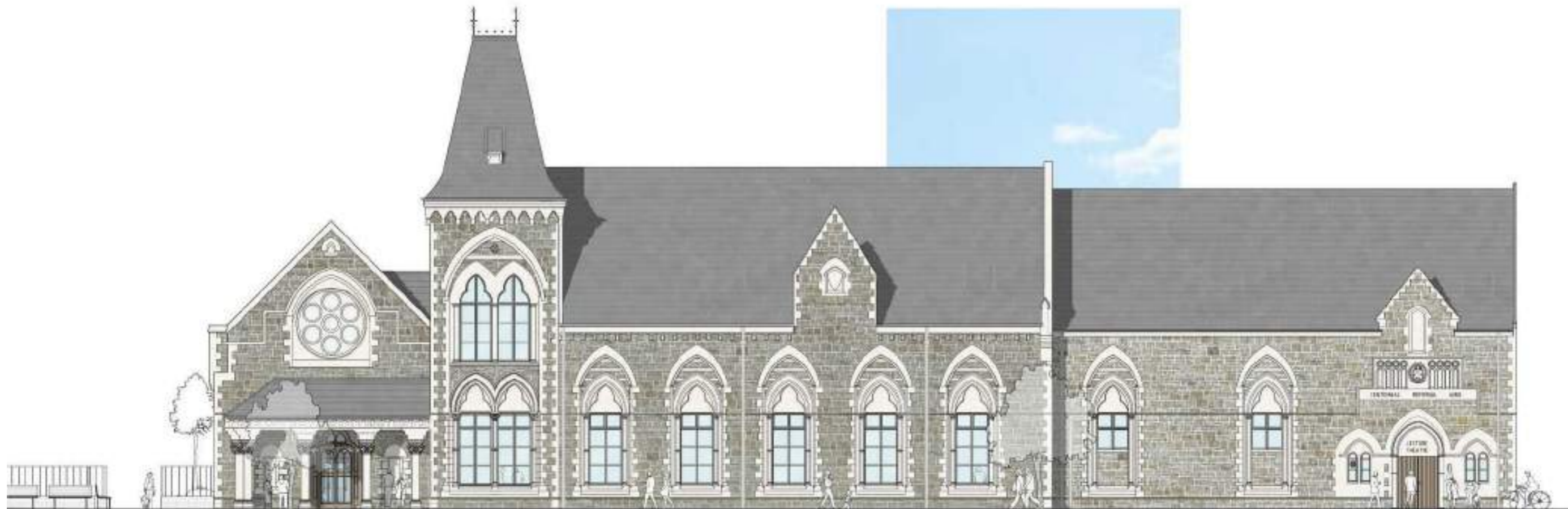
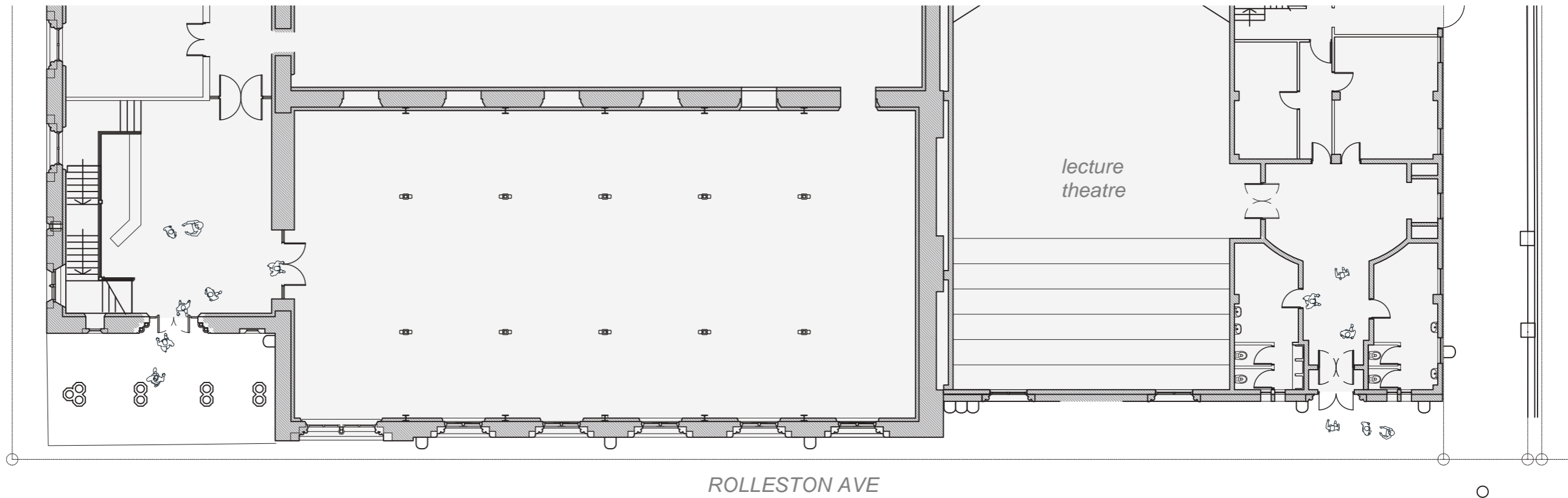


G.

EAST ELEVATION ORIGINAL MUSEUM WITH FLECHE AND CHIMNEY



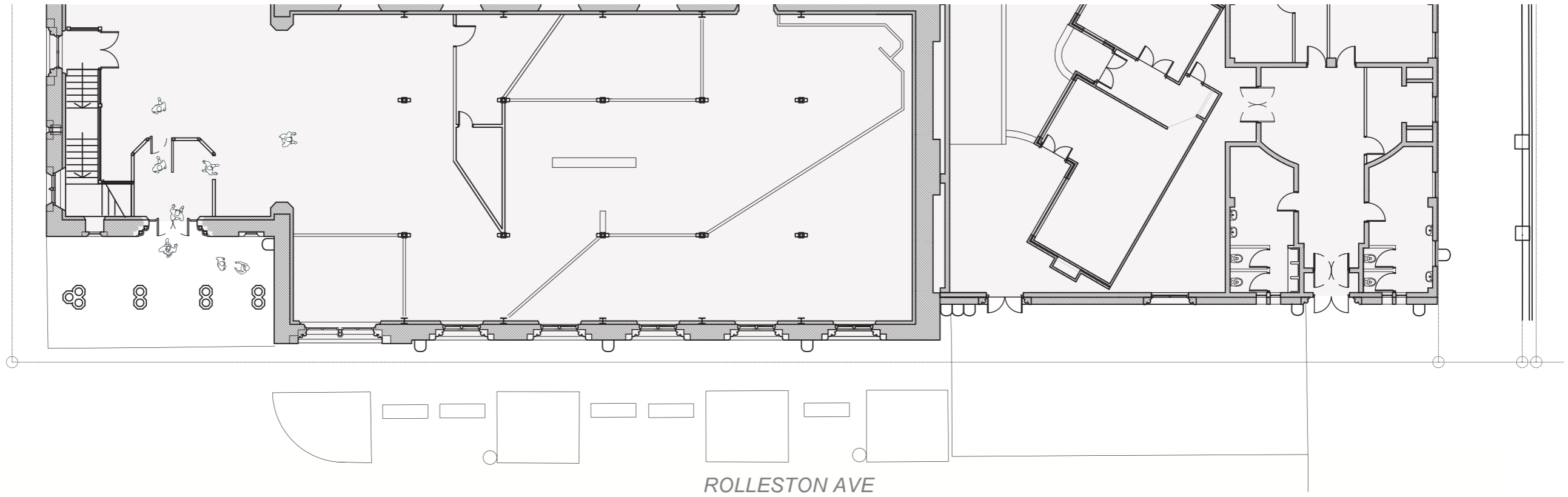
G. EAST ELEVATION 1958 CENTENNIAL WING ADDITION



G.

EAST ELEVATION THE MUSEUM TODAY

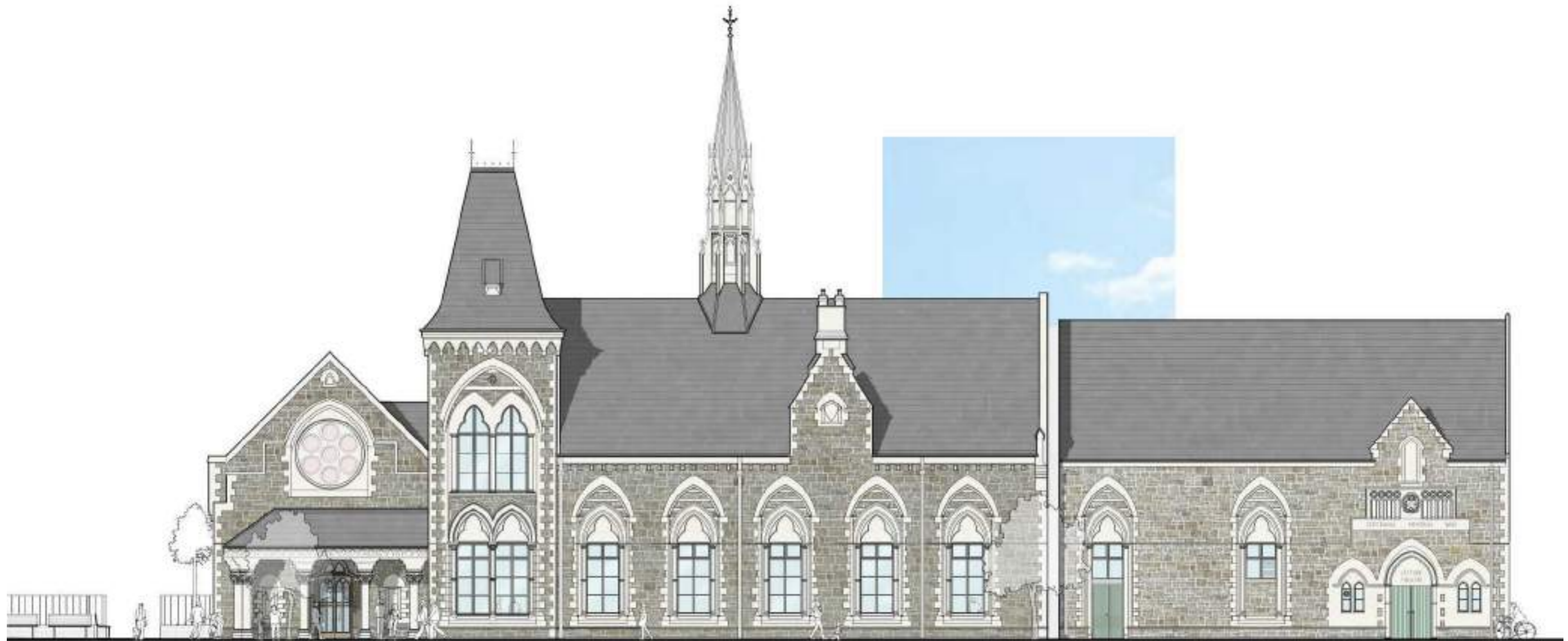
20.02 Page 53
The Museum Project
Resource Consent Query Response
Appendix / Supplementary Information
12 February 2021
Athfield Architects Ltd



G. *EAST ELEVATION*
THE MUSEUM TODAY WITH RESTORED
FLECHE AND CHIMNEY

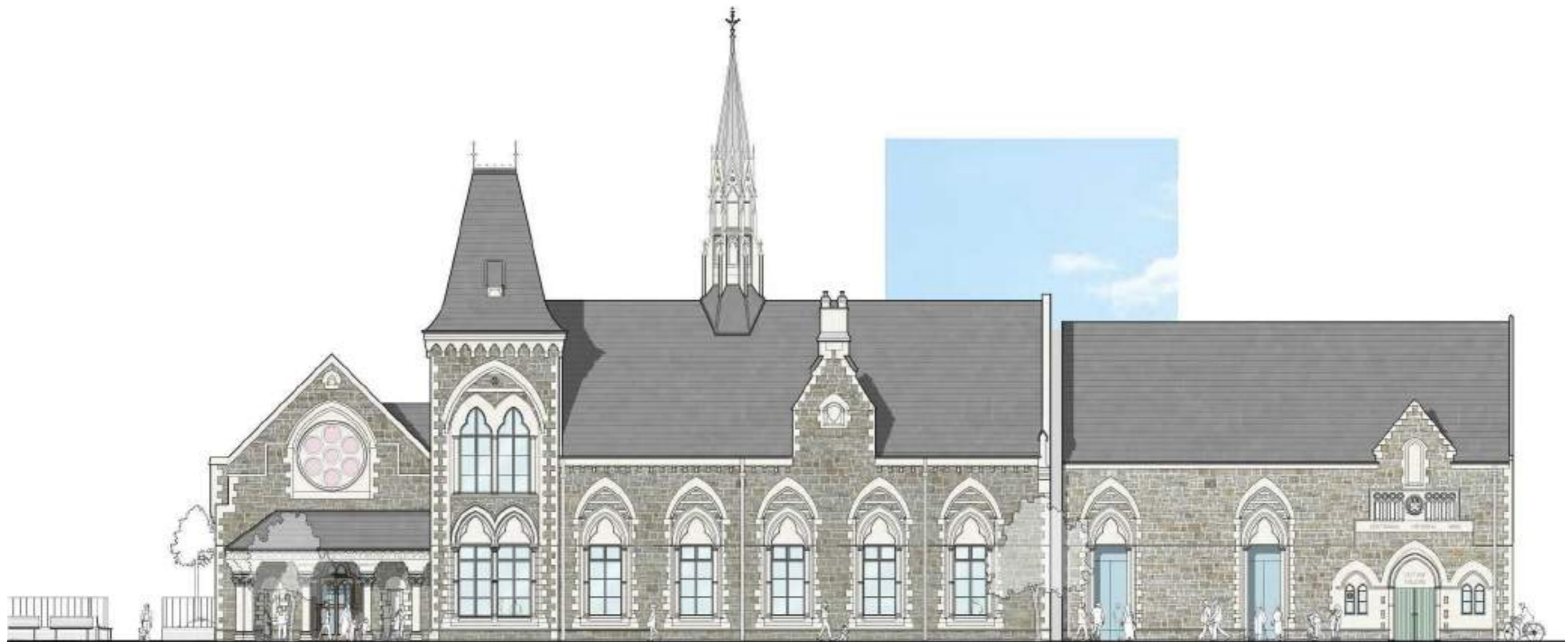


G. *EAST ELEVATION
PROPOSED SLICE*

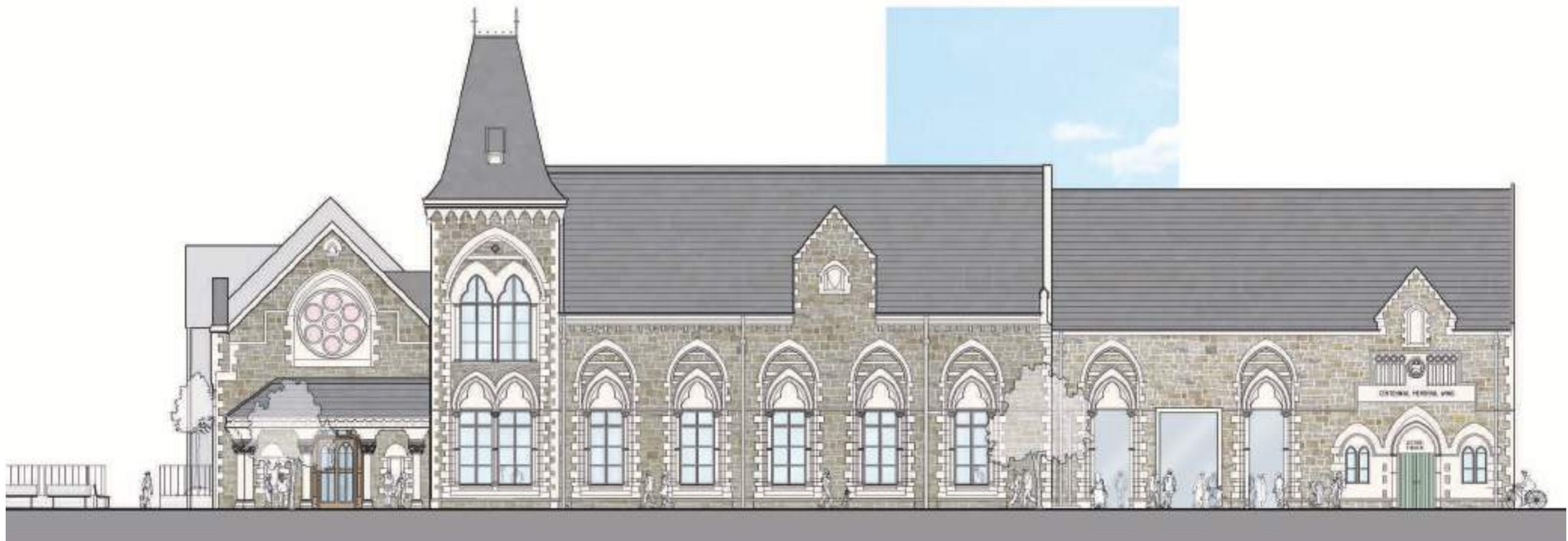


G.

EAST ELEVATION
*NEW ENTRANCE DEVELOPMENT /
ALTERATION TO WINDOW & DOOR*



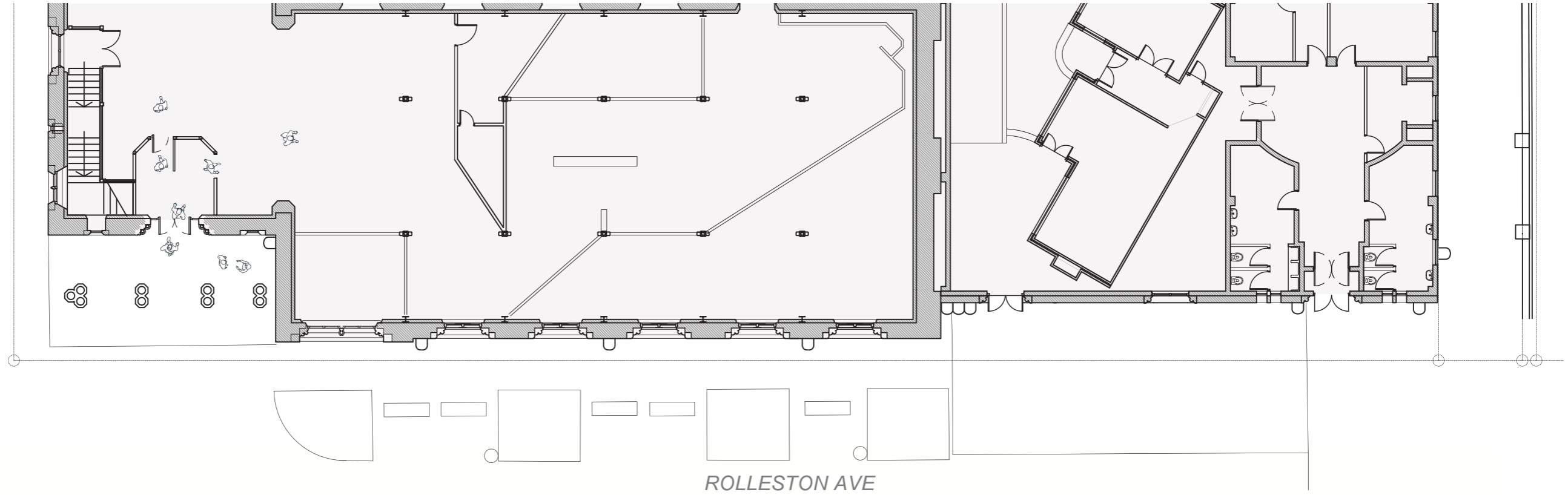
E. *EAST ELEVATION
COMPARISON TO PREVIOUS MUSEUM
REVITALISATION PROJECT (REFER OPTION E)*



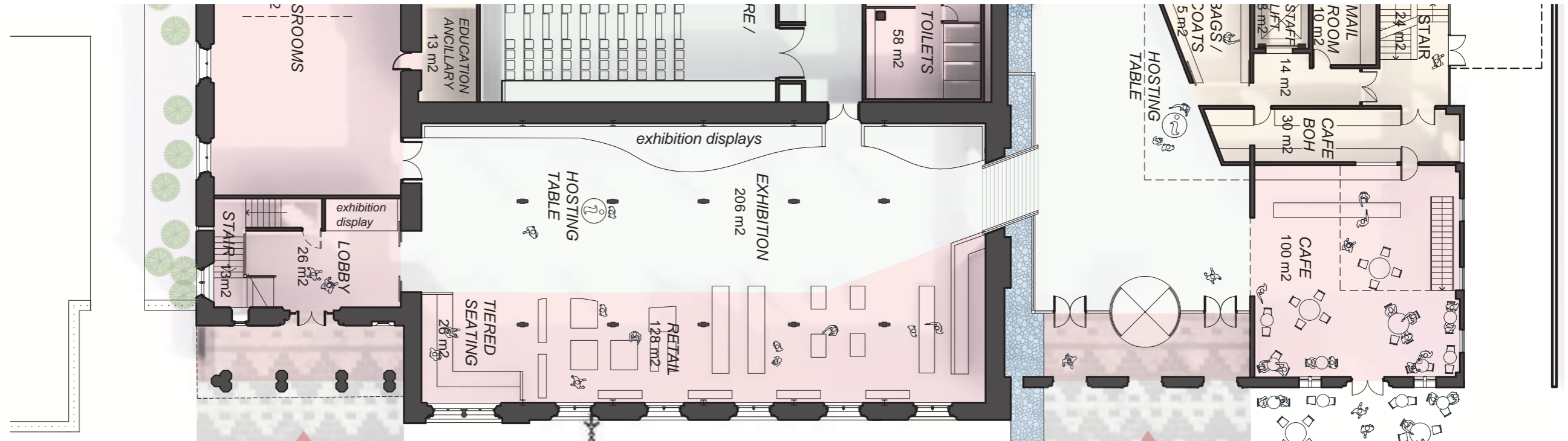
H. *EAST ELEVATION*
NEW ENTRANCE DEVELOPMENT



H. EAST ELEVATION THE MUSEUM TODAY



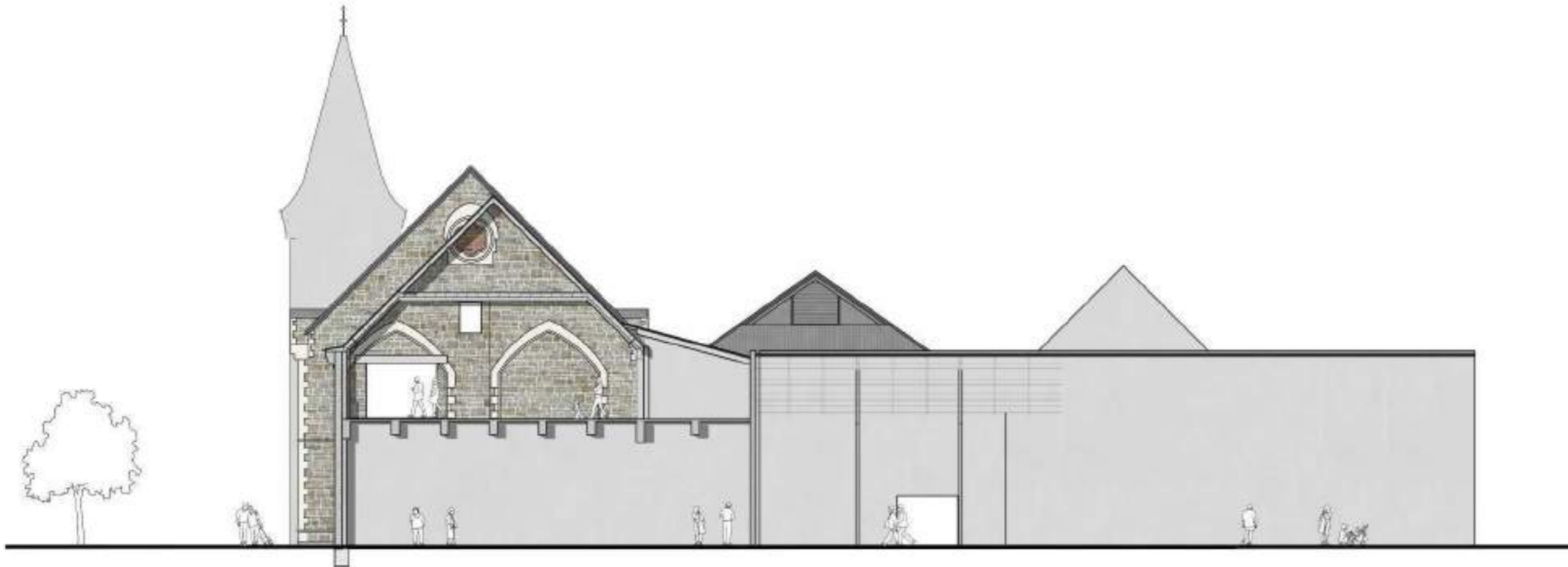
H. EAST ELEVATION NEW ENTRANCE DEVELOPMENT



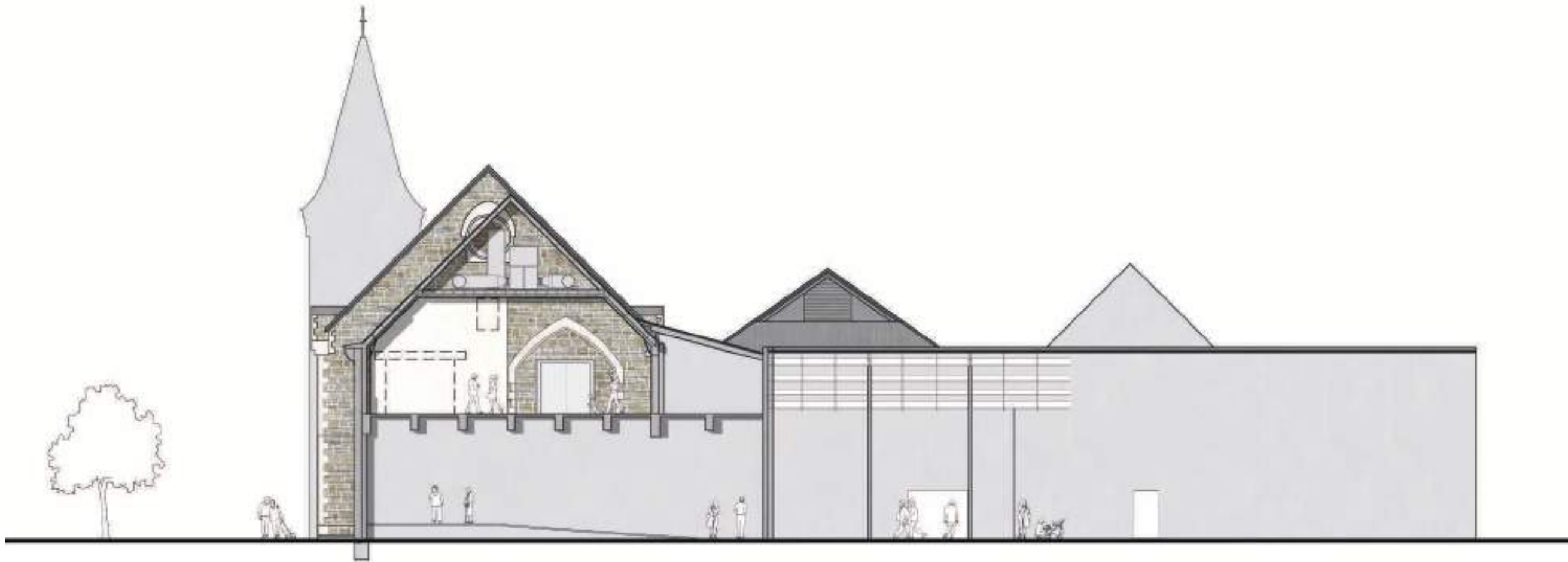
G / H. *NORTH ELEVATION
ORIGINAL MUSEUM WITH FLECHE
AND CHIMNEY*



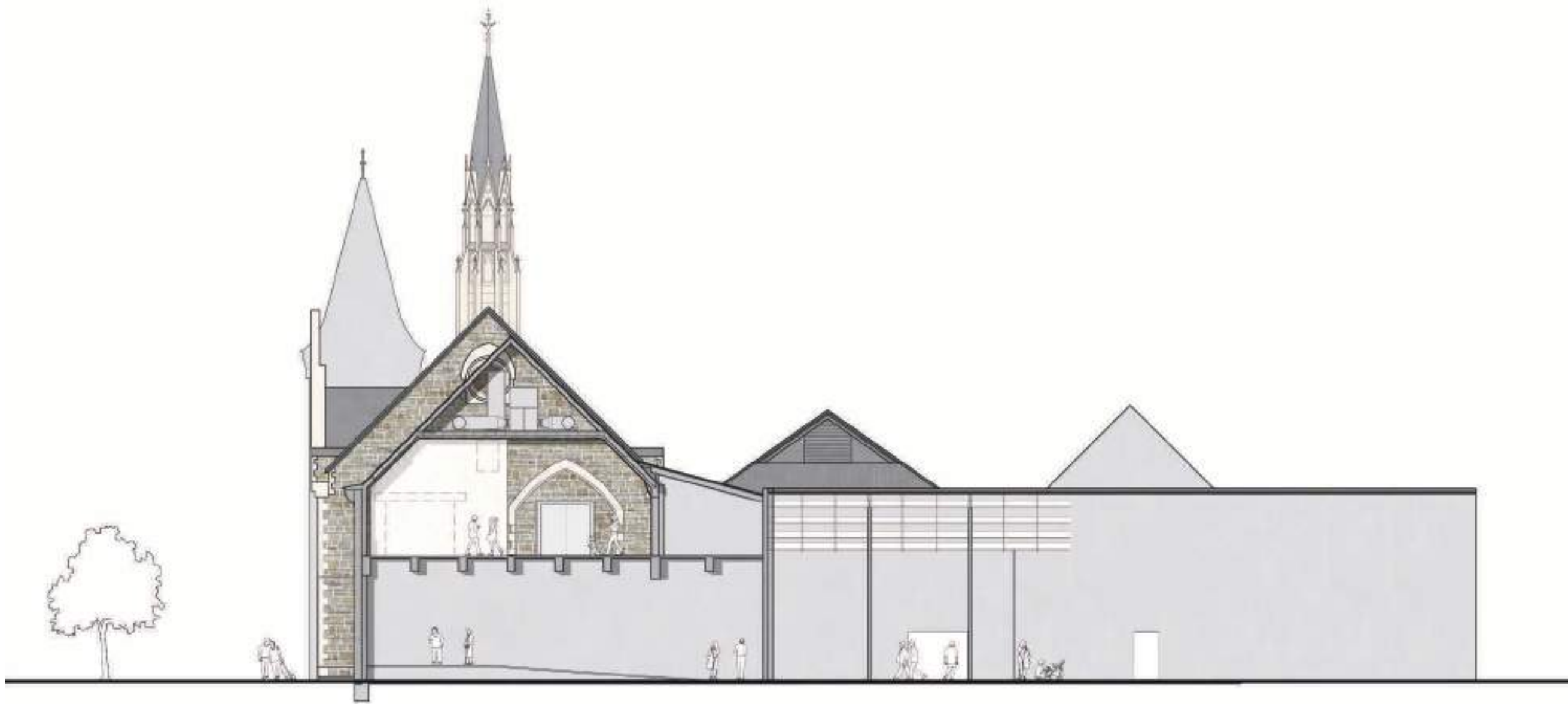
G / H. NORTH ELEVATION
1958



G / H. *NORTH ELEVATION*
THE MUSEUM TODAY



G / H. *EAST ELEVATION*
THE MUSEUM TODAY WITH
FLECHE AND CHIMNEY



G / H. NORTH ELEVATION PROPOSED SLICE



G / H. NORTH ELEVATION NEW ENTRANCE DEVELOPMENT



H. SECTION
NEW ENTRANCE DEVELOPMENT



H. ROLLESTON AVENUE ENTRANCE EXISTING & PROPOSED PHOTOMONTAGE



Existing conditions viewed from Rolleston Avenue



Museum East elevation with proposed additional entrance

H. ROLLESTON AVE ENTRY CURRENT CONDITION



H. ROLLESTON AVE ENTRY PROPOSED ADDITIONAL ENTRY



H. ROLLESTON AVE ENTRY PROPOSED ADDITIONAL ENTRY



H. INTERIOR PERSPECTIVE VIEW ARTIST'S IMPRESSION OF THE BLUE WHALE IN ATRIUM



Interior perspective looking from top of main stair towards additional entrance, Mountfort building facades recovered as a part of exhibition space.

APPENDIX 3B

DESIGN OPTIONS CONSIDERED FOR:

- *ROGER DUFF WING ADDITION &
ALTERATIONS*

Canterbury Museum Redevelopment - Key Design Options Assessment

Roger Duff Wing Additions & Alterations

Reference	Year	Description	Pros	Cons
J	2020	<p>New addition to Roger Duff Wing to take clues from the original copper dome planetarium. Exploring new addition as largely glazed element with minimal changes to the existing Duff façade.</p> <p>It should be noted that at this stage in the design process the exploration of whether the public family cafe is best located on the top (level 3) or level 2 is being undertaken in parallel with the facade studies.</p>	<p>Dome reference back to original design</p> <p>Interesting contemporary architectural expression of the Museum redevelopment. Clearly distinguishes new interventions from original fabric.</p> <p>Least changes to existing Duff façade.</p>	<p>Whilst a valid approach to have a significantly different language as an addition, if you are giving such a prominence and expression to this addition in this location the internal function needs to support this. With the better public café location being associated with the exhibition level of level 2, then the justification of such an expression is not warranted or appropriate.</p> <p>The existing facade is visually busy - with many differing material, forms and window types - changed over time to add further complexity to this facade. With the new addition adding more new materials and forms it is felt that visually the total facade in this prominent corner just gets too busy and is not the best and most resolved design solution.</p>
K	2020	<p>Similar to J, but less reference to the dome.</p>	<p>Interesting contemporary architectural expression of the Museum redevelopment. Clearly distinguishes new interventions from original fabric.</p> <p>Least changes to existing Duff façade.</p>	<p>As per J above.</p>
L	2020	<p>Café position moved to level 2. Exploration of reusing aggregate concrete precast panels to new addition and contrasting with new glazed box to café.</p> <p>Included options on extent of retention of existing fenestration and articulation of repurposed precast facade panels.</p>	<p>Visually a more resolved overall solution resulting from reviewing the overall façade rather than just a discrete addition to the existing façade.</p>	<p>With the greater complexity added to precast panel articulation and the glazed box at level 2 it was considered that this lessened the effectiveness of overall result.</p> <p>Keeping the façade as simple as possible - with simpler articulation of solid to void, retention of existing windows and the proportions relating to the original building and modernist language was deemed the most appropriate final solution.</p>
M	2020	<p>The overall solution reuses the existing fabric for the new addition to provide a better, more holistic and composed façade.</p> <p>The design solution addresses the current legibility issues between the Roger Duff Wing and the 1872 Mountfort building.</p>	<p>This design solution addresses the disadvantages of previous options and iterations - with only minor interventions to the 1977 façade.</p> <p>It provides a more holistic and composed design solution to the façade, whilst maintaining the essence of why this facade has secondary heritage significance.</p> <p>Keeping the façade as simple as possible - with simpler articulation of solid to void, retention of existing windows and the proportions relating to the original building and modernist language was deemed the most appropriate final solution.</p>	

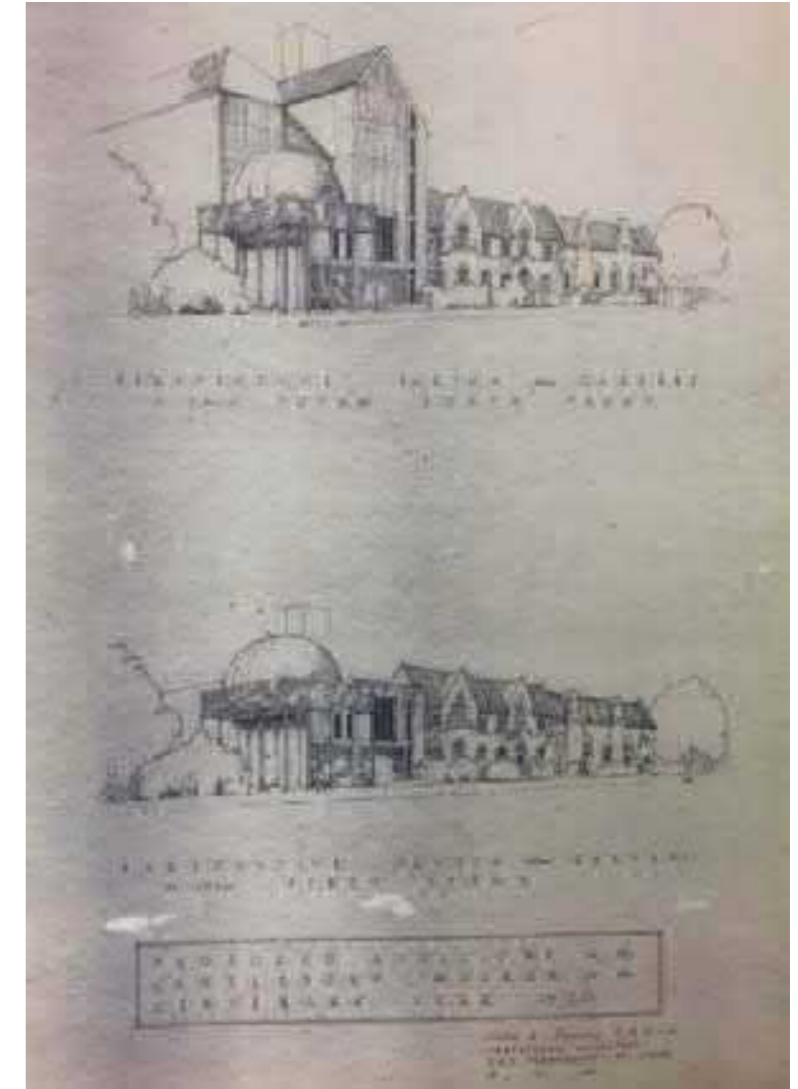
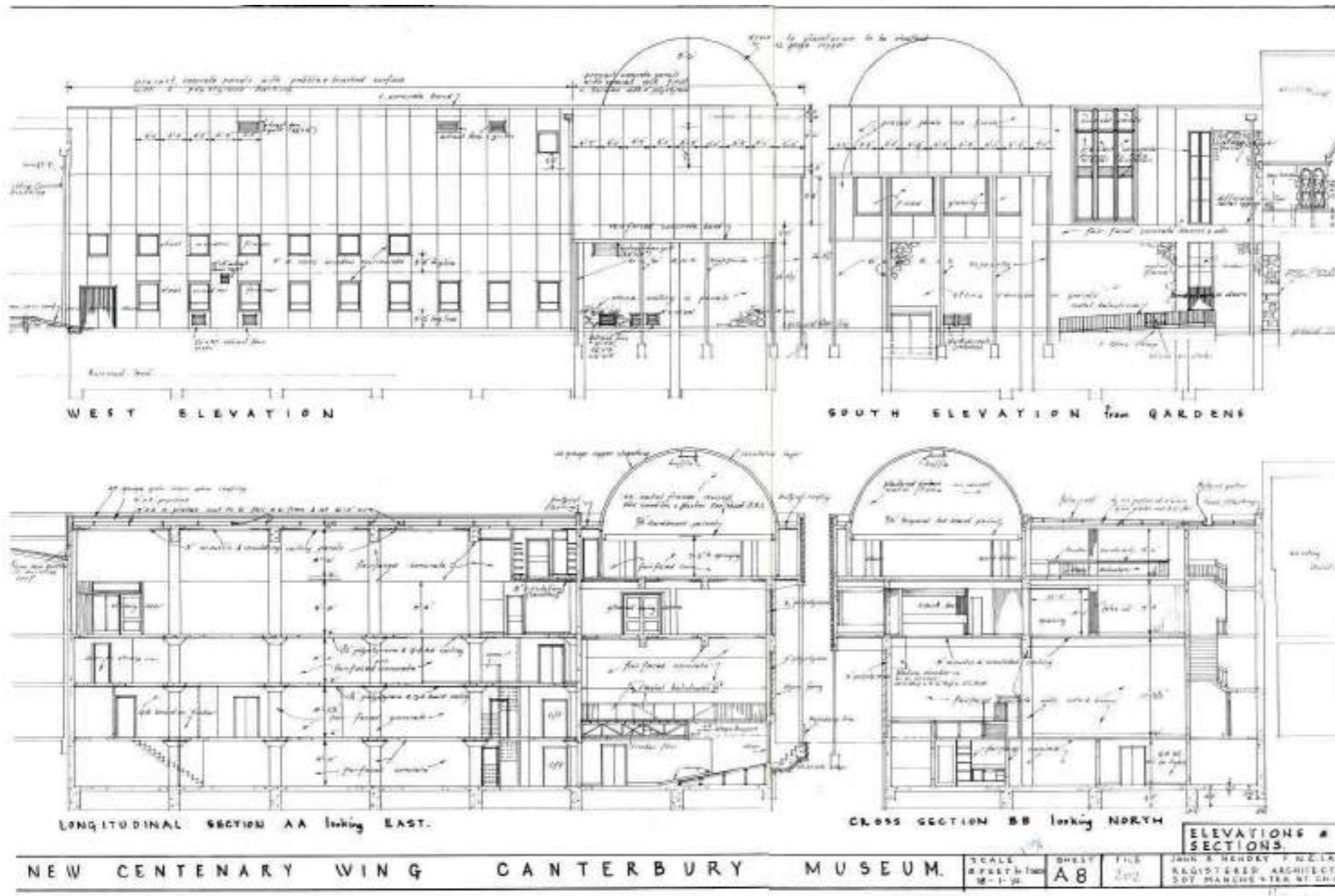
ROGER DUFF WING CURRENT CONDITIONS



South facade elevation view



EXTERIOR ROGER DUFF WING 1977



SOUTH ELEVATION 1977 & TODAY



J.

ROGER DUFF WING DESIGN OPTIONS



K.

ROGER DUFF WING DESIGN OPTIONS



L.

ROGER DUFF WING DESIGN OPTIONS



M. *ROGER DUFF WING*
CURRENT PROPOSAL



M. *ROGER DUFF WING*
CURRENT PROPOSAL



M. *ROGER DUFF WING*
CURRENT PROPOSAL



M. *ROGER DUFF WING*
CURRENT PROPOSAL



APPENDIX 3C

DESIGN OPTIONS CONSIDERED FOR:

- *ATRIUM OVER 1870*

Canterbury Museum Redevelopment - Key Design Options Assessment

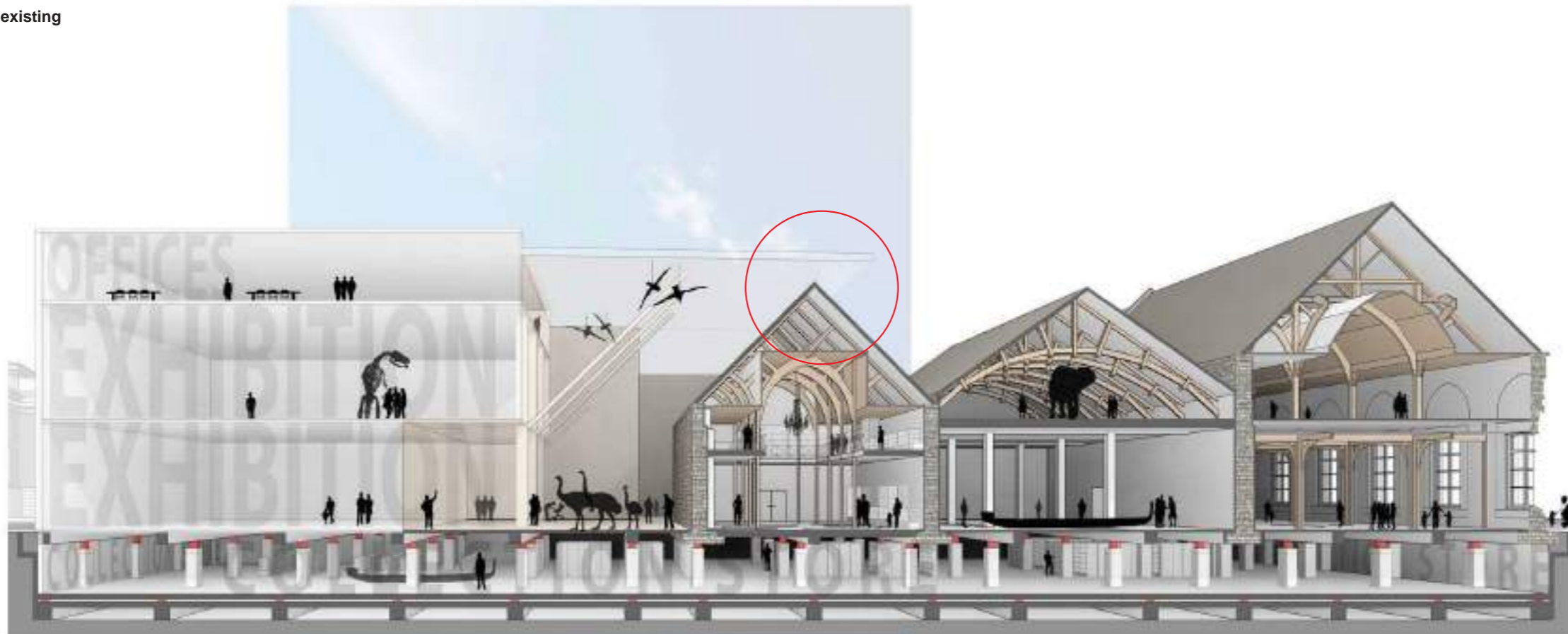
Atrium over 1870 Mountfort Building

Reference	Year	Description	Pros	Cons
N	2020	New atrium roof to extend to the ridge of the 1870 Mountfort building.	<p>Exposes some of the roof and original façade to public view.</p> <p>Goes some way to increase the prominence within the Museum complex of the 1870 building, which can be better read as a discrete, but inter-connected building.</p> <p>Some of the original roofing iron heritage fabric will be available to be exposed to public view on the roof, as it no longer has to perform a water-tightness function</p>	<p>A major disadvantage is this doesn't allow full gable of the heritage building to be expressed, especially to the north.</p> <p>This would result in an extremely complex water-tightness and seismic detail at the ridgeline, which will also be difficult to visually resolve well (area highlighted within the red circle).</p>
P	2020	New atrium roof to extend over and clear of the ridge of the 1870 Mountfort building. The atrium roof is a clear span - being supported on the structural wall between the 1870 & 1882 building (note this wall has a 150mm concrete shear wall each side of the original stone structure).	<p>The major advantage of this strategy is that visually the 1870 Mountfort building regains its original gabled form which has been hidden for 26 years. Once again all the 5 gabled forms of the Mountfort buildings will be visible together.</p> <p>The original 1870 building, which is the first of Mountfort's buildings and the Mountfort building with the most retained interior heritage features is given appropriate increased prominence within the Museum complex of buildings and can once again be read as a discrete, but inter-connected building.</p> <p>There is no additional structural loading or complex weather-proofing and seismic joint at the 1870 ridgeline. The new atrium roof can be supported from an existing concrete wall structural support and water-tightness detailing is able to be more robust and less visible.</p> <p>The original roofing iron heritage fabric is available to be exposed to public view on the roof, as it no longer has to perform a water-tightness function.</p>	<p>There is slightly less of the original form / roof directly exposed to the exterior (but it is noted that the gable form is not identifiable from the exterior).</p>

N. DESIGN OPTIONS CONSIDERED FOR ATRIUM OVER 1870



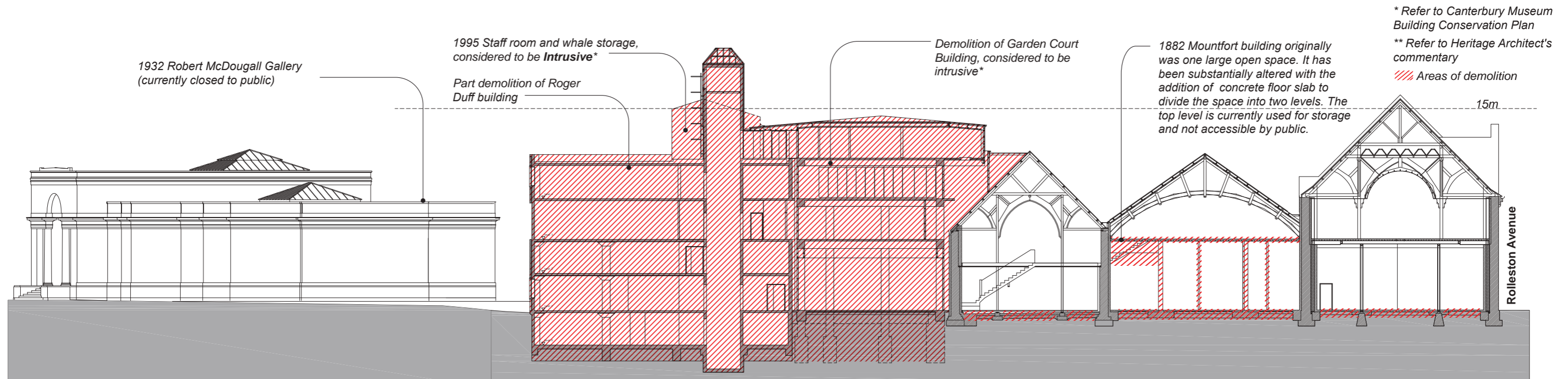
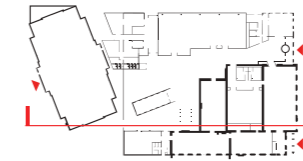
existing



early concept

PROPOSED SECTION 1 - THROUGH 1870, 1877 & 1882 MOUNTFORT BUILDINGS

1:300 @ A3

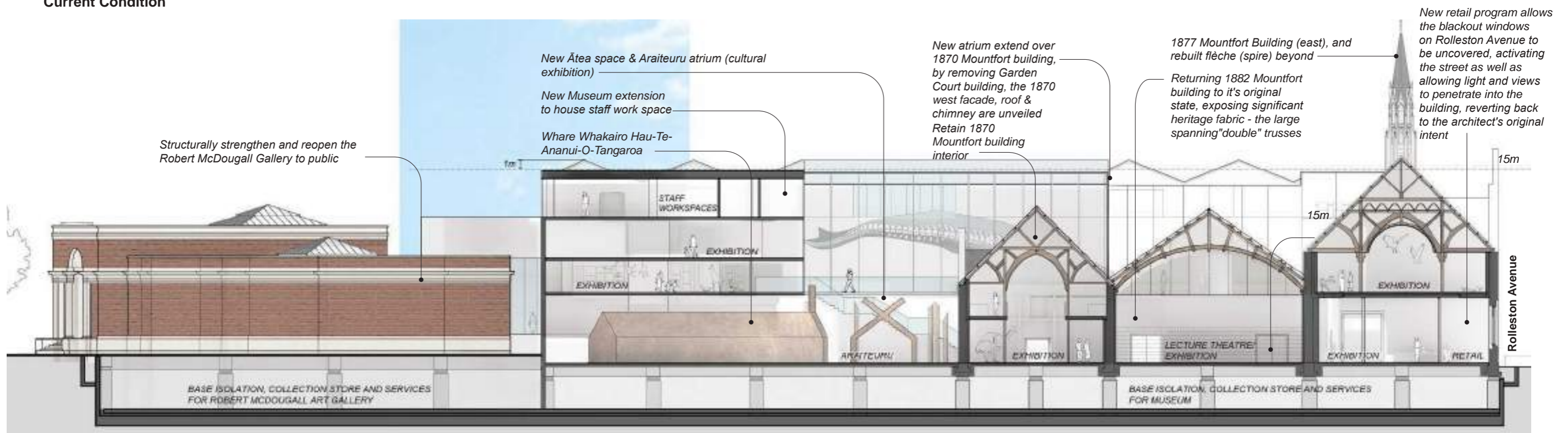


Current Condition

* Refer to Canterbury Museum Building Conservation Plan

** Refer to Heritage Architect's commentary

/// Areas of demolition



Proposed