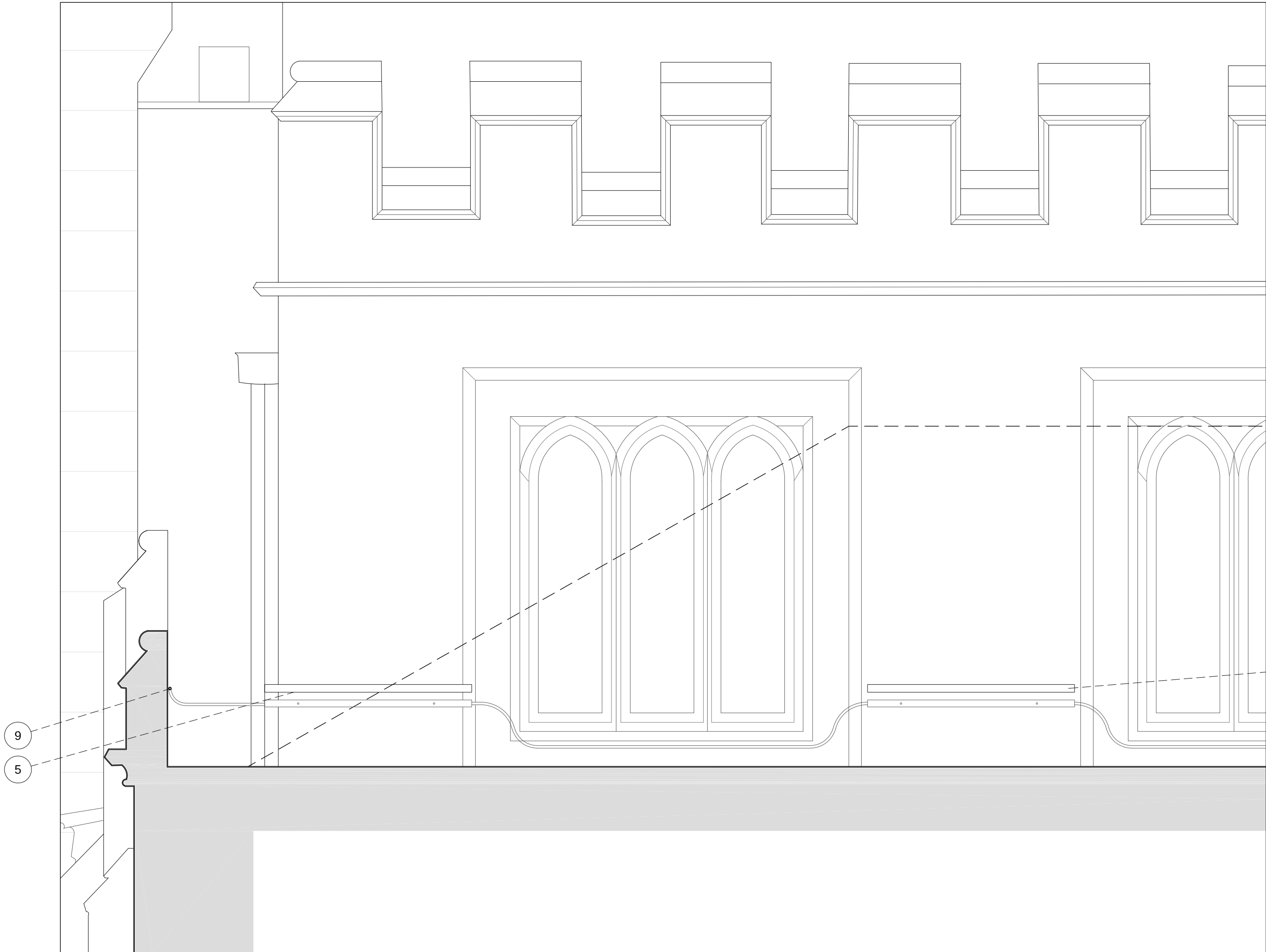
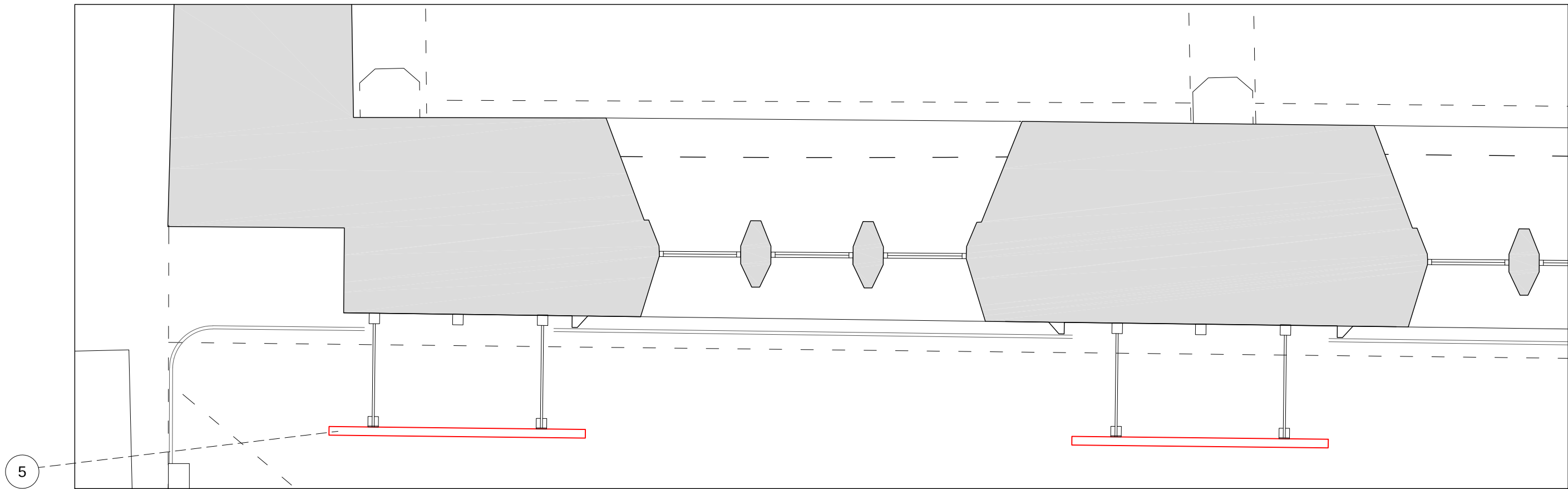
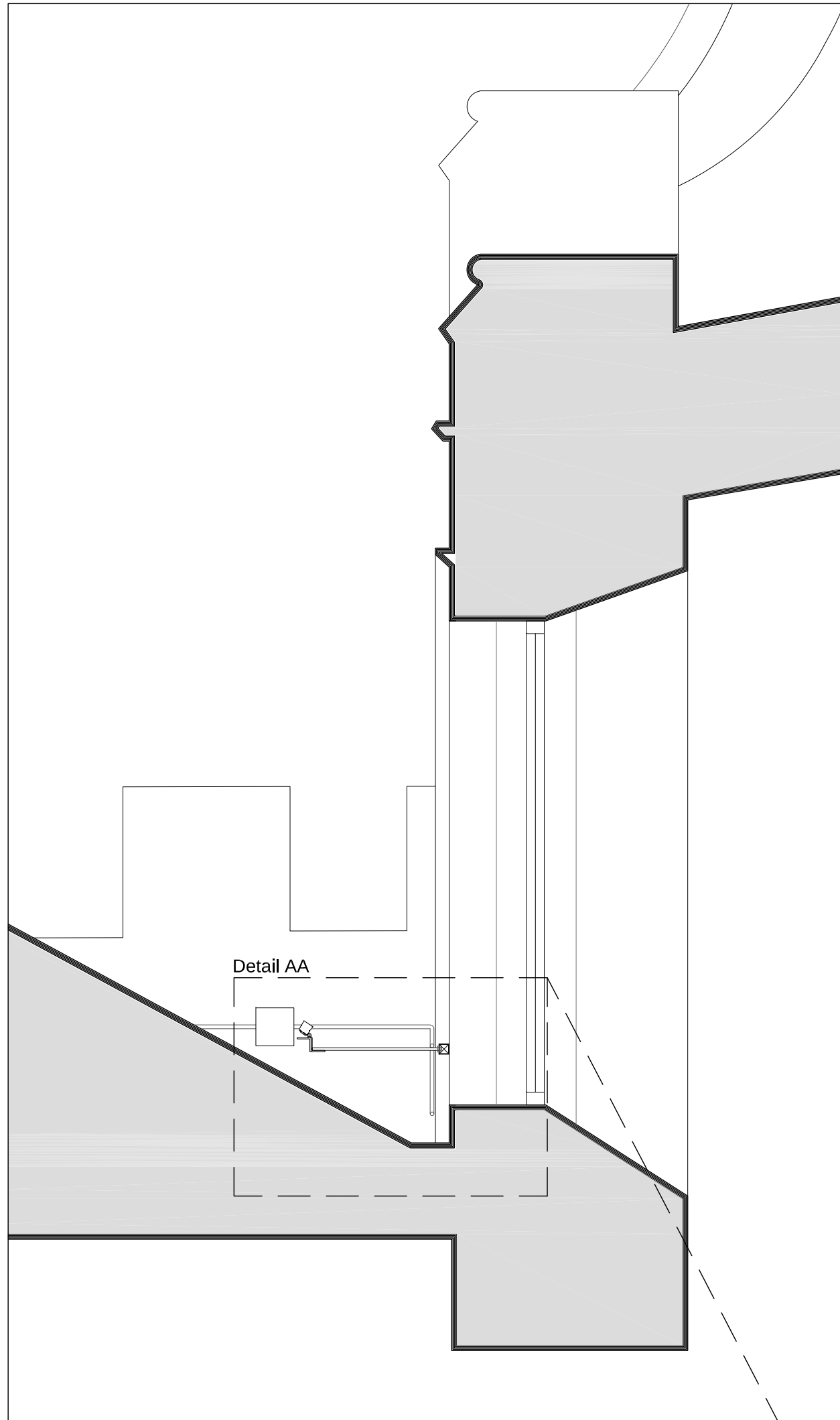




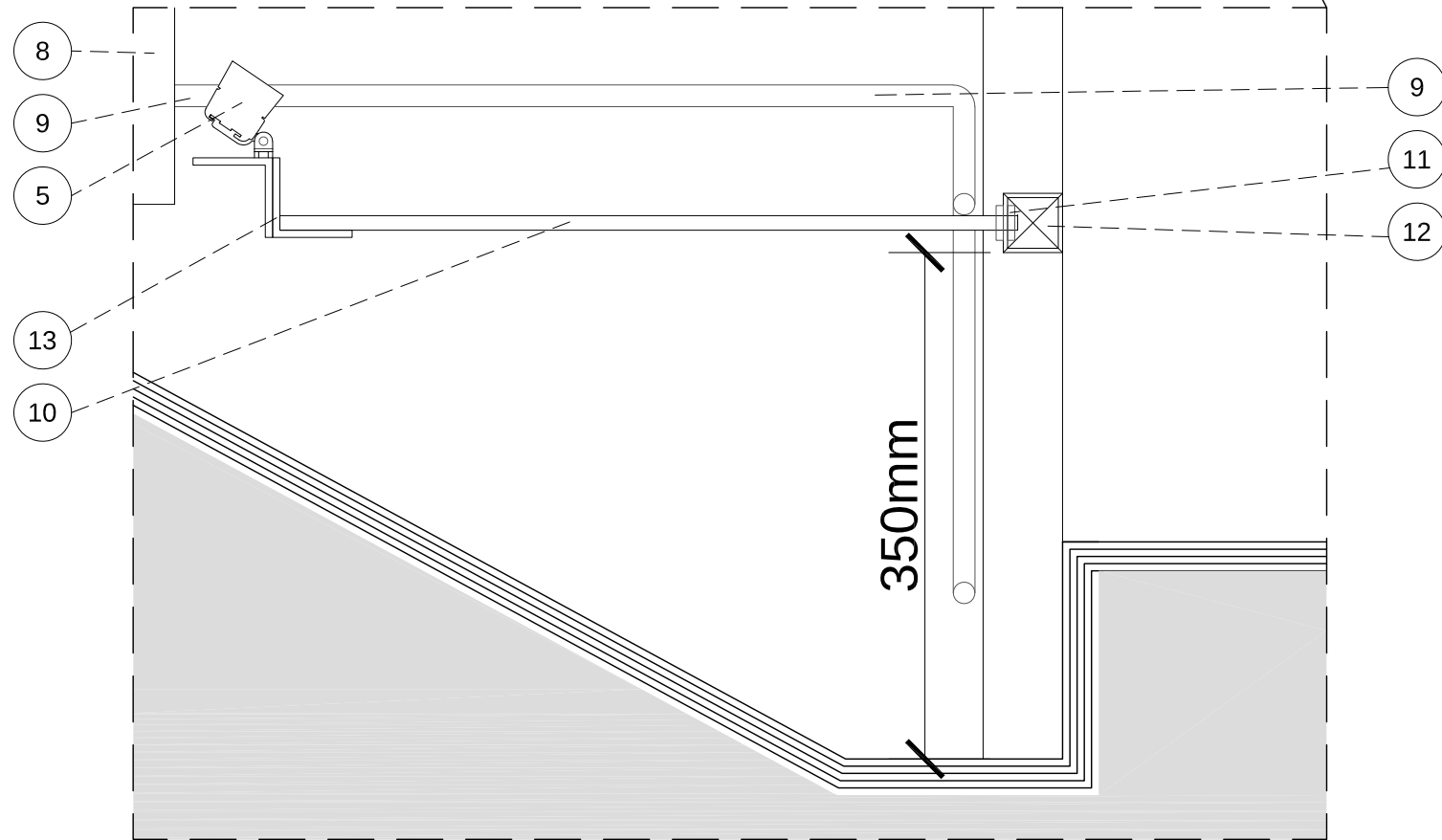
Proposed section A1 extract
Scale 1:20



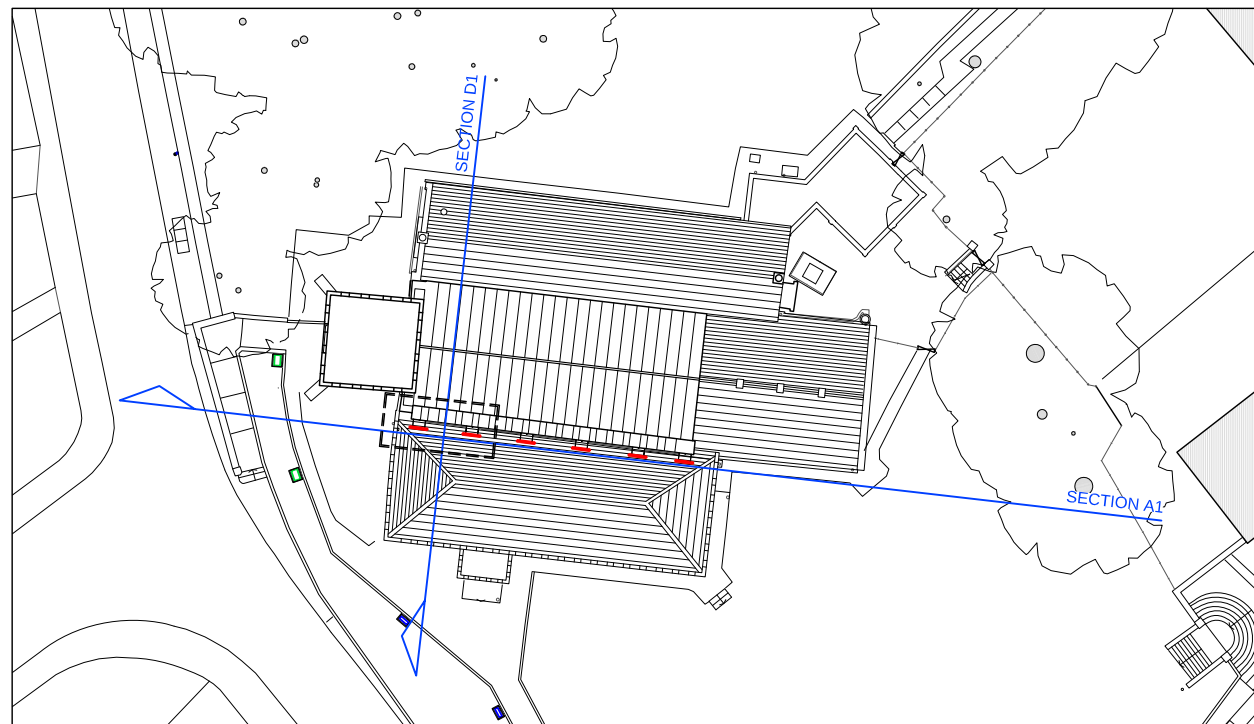
Proposed first floor plan extract
Scale 1:20



Proposed section D1 extract
Scale 1:20



Proposed enlarged detail AA
Scale 1:5



Proposed Roof Key Plan showing luminaire type locations
Scale 1:500

SPECIFICATION NOTES

- 600x600mm wall mounted enclosure housing control equipment. Fastened to the wall with M6 bolt fixings via traditional wall plugs in mortar joints. Connected to the existing electrical circuit. Outgoing cables to the external junction box.
- 4 core 2.5mm black steel wire armoured cable, total diameter 15mm, clipped to mortar joints using M4 bolt fixings at 300mm centres.
- 2no. 4 core 2.5mm black steel wire armoured cables, total diameter 15mm each, routed to ground via black painted steel channel and run into buried ducting to external floor mounted lighting.
- Existing air brick to be utilised as a cable penetration point.
- 6no. ColorGrazee Kinetics luminaires Ref: 912400136712.
- 2no. 200w Reach Elite Fixture luminaires Ref: 912400135522 anchored onto concrete plinth protected by 25mm black painted 550x800x600mm wire cages.
- 2no. 100w Reach Elite Fixture luminaires Ref: 912400135515 anchored onto concrete plinth protected by 25mm black painted 300x750x400mm wire cages.
- Black Junction box (150x150x100mm) fixed through mortar joints where possible with 4no. M8 stainless steel rods to a 10mm hole to a nominal depth of 80mm.
- 4 core 2.5mm Black H07 cable clipped to mortar joints using M4 fixings at 300mm centres.
- Each lighting fixture will be attached to the Unistrut by 2 No. 10mm Stainless Steel threaded rod fastened securely to the Unistrut by Zeb Spring nuts. The length of the Stainless Steel screwed rod will be 500mm.
- The chemical anchor utilised will be that of Hilti HY 270 type.
- Mounted on 41x41mm black painted unistrut & approximately minimum 300mm from gutter level. Unistrut to be fastened to mortar joints wherever possible using M6 stainless steel rods to a depth of 80mm, hole size 8mm at a spacing of 400mm and will be chemically anchored at mortar joints.
- An "L" shaped 5mm thick hot dipped galvanised bracket will then connect the 912400136712 fixture to the screwed rod.

PLEASE NOTE:

- Cables which traverse the elevation will be fastened directly to the structure using M4 stainless steel rods to a 6mm hole to a nominal depth of 60mm at approximately 300mm intervals, and will be chemically anchored at mortar joints.
- The unistrut will be fixed to the wall using M6 stainless steel rods to a 8mm hole to a nominal depth of 80mm at 400mm centres and will be chemically anchored at mortar joints.
- The chemical anchor utilised will be that of Hilti adhesive anchor: HY 270 type.
- Where suggested intervals for any fixings would result in fixings into stonework, these intervals can be increased or decreased accordingly so as to avoid doing so. A neat and clean appearance will be ensured.

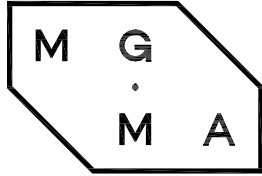
Generally: all facing brickwork and stonework shall be retained in situ. Masonry may be surface damaged due to advanced age and exposed conditions; exercise caution when selecting fixing points which shall be in mortar joints. Contractor to follow installation guidelines as submitted as part of this application.

NOTES

Use only written dimensions. All areas are indicative. Contractor to check measurements on site prior to commencement. Notify the Architect of any discrepancies. This drawing must only be used for the purpose for which it has been supplied.

Do not scale this drawing.

R.	DATE	DESCRIPTION
A	26.11.2021	Layout revised & notes added.
B	16.12.2021	Layout & notes revised.
C	17.12.2021	Notes updated.
D	17.06.2022	Luminaire route revised & luminaire raised to be 350mm from gutter.



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Management Limited

PROJECT
Church of St. Michael, Bluebell Lane,
Huyton, Knowsley L36 7SA

DRAWING
Proposed high level light fitting location &
fixings

SCALE
1:20@A1

DATE
15.11.2021

REVISION
D

NO.
10-050_201

