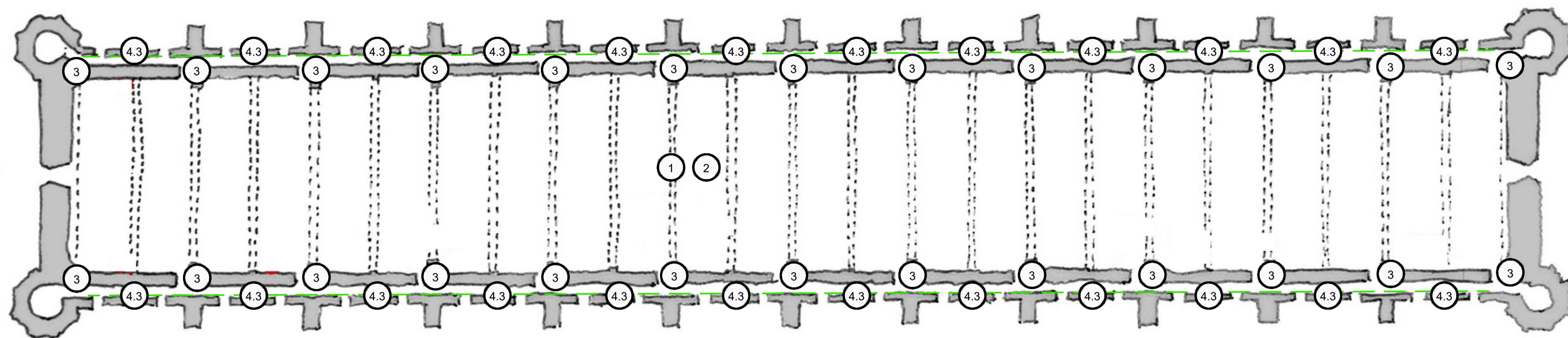
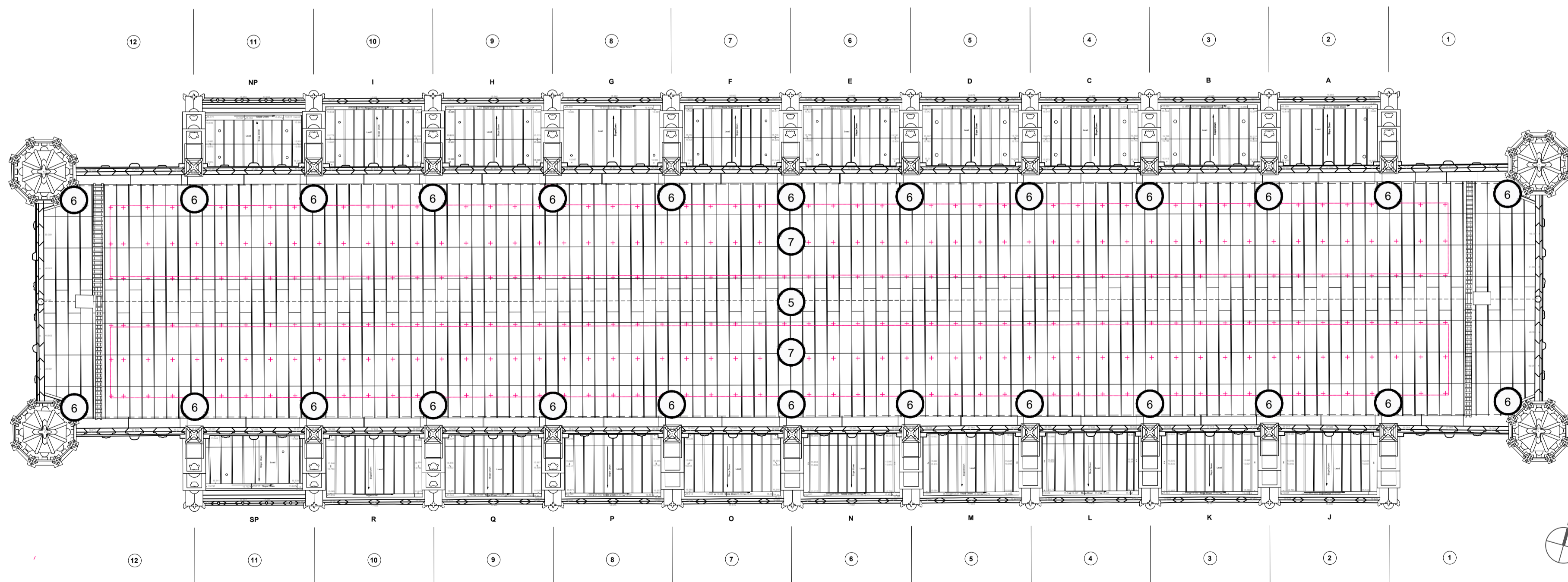


Enabling Works - Roof Plan, 1:200 @A1

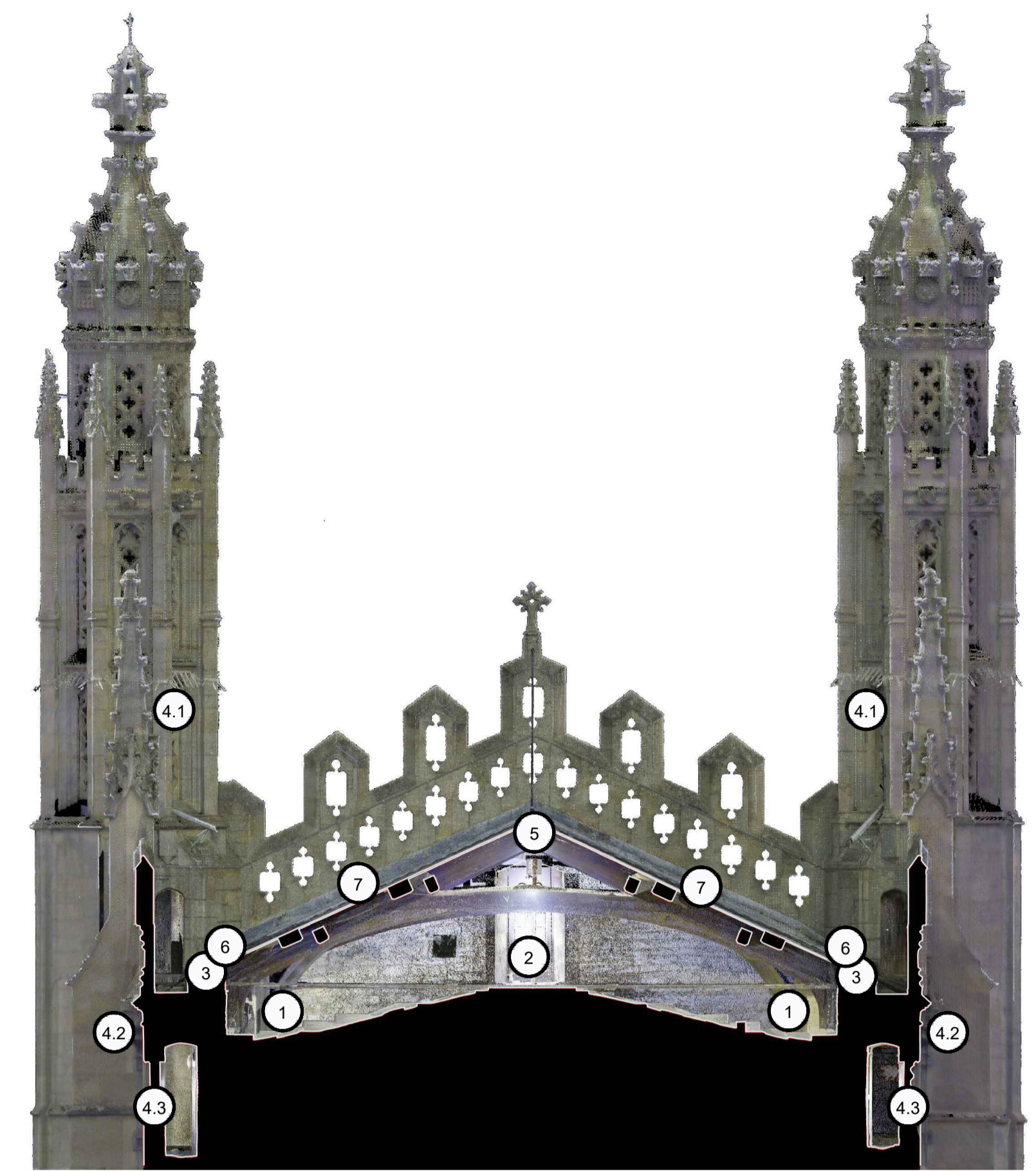


Enabling Works, Roof Space Plan, approx 1:200 @A1

Read with Roof Space Scope of Work Drawing (GA200) and BWIC (BW200)



Local Completion of Repair Works and installation of PV array - Roof Plan, 1:200 @A1



Indicative section looking east through the Main Roof space, 1:100@A1

Main Roof Enabling Works and Sequencing - All to be coordinated with scaffolding design package.

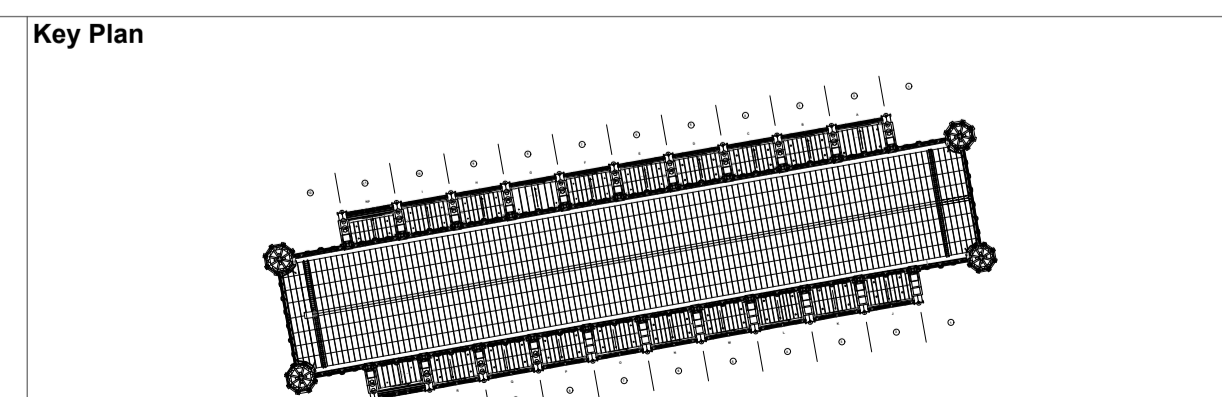
Enabling Works:

1. Dust control is paramount. Prior to commencement, main contractor is to stop up all penetrations internally through vaults in temporary materials and remove as directed on completion.
 2. Include allowance prior to opening up for dusting/vacuuming throughout the roof space. Using backpack equipment, accessing on to wall heads within reach. Note this work should not require access platforms but does need a safe method of working to be agreed in advance and also for disposal of all debris arising and containing these packages of dust.
 3. Roofing penetrations in preparation for temporary roof columns to be installed (2no per location): Agree exact location with scaffold contractor on site. These are to be located on either side of each of the major principles in the roof structure to allow the scaffold columns for the temporary roof to bear down on the wall top. Pilot hole from inside to check correct position in relation to the buttress externally, then core drill 60mm dia. hole to accept the standards. Temporarily weather with Flashband until columns are installed. Seal around scaffold poles with Lead Mate sealant or similar, directly after installation to weather until temporary roof has been completed. On completion of the works, plug holes in sarking boards with softwood to match existing.
 4. To be undertaken concurrently with scaffold/temporary roof installation (to prevent unprotected openings):
 - 4.1. Carefully take down the bottom sections of the turret downpipes, from the socket beneath the anti-climb spikes. On the SW turret allow for removal and reinstatement of the downpipe to the collar above the anti-climb spikes. Fix temporary downpipe to discharge rainwater onto the temporary roof. Store for lead downpipe sections for inspection by the Architect and allow provisional sum of £500 for local repairs. Reinstatement of repaired sections of leaded downpipes as temporary roof is removed, with new fixings to match existing.
 - 4.2. Remove mesh from hoppers in conjunction with installation of temporary roof and rainwater disposal. Replace to match existing as the scaffold is removed.
 - 4.3. Quatrefoil apertures (3no per bay each side): Remove mesh across each of the apertures in the Aumbry passageways to facilitate the scaffold installation. Form special protective saddle/armature within stone surround prior to scaffolding installation to ensure no damage arises to stone work. Note: the protective armatures can be deployed just as the scaffolding contractor works (both during erection of scaffolding and during dismantling), or can remain as protective elements for the duration of the project. Detail of this protection to be provided by contractor with the specialist scaffolder with the method statement for scaffolding. Install mesh around scaffolding to maintain bird exclusion throughout. Replace with new to match existing following removal of the scaffold.
- NOTE: Refer to specification by Max Fordham LLP for enabling works associated with lightning protection system.**
5. **Repair Works:** Undertake repair works to the Main roof, parapet gutters and parapets. This is to include installation of the integrated fixing points for the PV array. Note: The scaffold columns will locally obstruct works which will need to be completed as the temporary roof is removed. The Contractor is to allow for this in planning and managing the works.
 6. **Local completion of repair works** (where previously obstructed by temporary works): Sequentially complete roof build-up (underlay; over-boarding; lead covering) in relevant bays as temporary roof is removed. Include for temporary weather protections until the roof is water-tight.
 7. **PV Installation:** PV frame and array to be installed by specialist installer as domestic sub-contractor. BWIC to be completed by the Main Contractor; read with BWIC drawing BW200.

PV Installation Contractor's Designed Portion (CDP) Scope

- Sequencing of PV installation (incl. electrical works) to be coordinated with BWIC and repair works.
- Lead layout to co-ordinate with PV supports.

Rev.	Date	Drn.	Chkd.	Description



General notes:
 Never scale dimensions from this drawing. Use written dimensions only. Report any discrepancies. Ask if in doubt. Always use latest revision.
 Note that this drawing is based on dimensional surveys by others, therefore site verification of dimensional information is particularly important.
 Read in conjunction with other information from CAL and other consultants.

Notes:



Stage 4 - For Tender		Not for construction	
CLIENT King's College, Cambridge	SCALE 1:200 & 1:100 @A1	DATE 04.02.22	CHECKED CAL
PROJECT Roof Covering Renewal Project	DRAWN GH	JOB NUMBER 099.4.1 EN 200	REVISION 4.00
DRAWING TITLE Enabling Works (with sequencing) - Roof Plan	DRAWING NO.		

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