Main Chapel Roof

- Extent of repairs/replacement to existing roof deck and structure to be assessed following removals. Nominally allow for 1. 10% replacement of existing sarking boards with new softwood boards to match existing.
- 1.1. Provisionally allow for opening-up 4m x 4m of existing roof boarding in 4no areas to effect structural repairs as directed by CA/Structural Engineer. Re-fix on completion.
- Re-fix all existing sarking boards to secure, then diagonally overboard with new penny jointed softwood boarding. Provide 2. and install new hollow core roll, sand-cast lead roof covering with swept ridge. Replace lead flashings at all abutments (including each turret). Stop rolls short to form back gutter detail around each turret. Allow for lead sleeves to roof penetrations (parapet brace anchors).
- Construct new parapet gutter structures with modified falls to accommodate appropriate steps and abutment upstands. Form ventilation detail to drop edge. Board out and line with sand-cast lead. Install new sand-cast lead cover flashings at each abutment (including each turret).
- 3.1. See drawing DEM200 for provisional works to breakout concrete or masonry from each gutter base.
- 3.2. Provisionally allow for reforming levels of masonry in brick or tile set in lime mortar to achieve new falls to gutters as set out by contractor to CA approval. Include prime cost sum of £300 per outlet for new sump inspection covers to all outlets. 3.3.
- 4. Replace duck-boarding in parapet gutters with new in material to match existing, to suit form of renewed gutters.
- 5. Repairs to existing hoppers and downpipes. Extent to be assessed following completion of scaffold installation. Include for taking down all lead hoppers, repairing as found necessary, adapting for overflows and reinstating.
- Commission specialist to design and install photovoltaic array on the north and south slopes. Framing for PV installation to be secured on integrated fixing points, incorporated into the new lead roof covering.
- 7. Protect stonework/surrounding surfaces. Clean back and redecorate all accessible ironwork anti-climb spikes on each turret, parapet bracing etc - with zinc primer and top coats to match existing colour.
- 8. Replace existing ridge ladders with new, in material to match existing.
- 9. Replace turret doors in air dried, seasoned oak and new ironmongery, all to match existing.
- 10. Complete schedule of light touch masonry repairs/repointing throughout parapets and turret masonry (internally and externally on N&S, from internally only on E&W) and stair turrets where accessible from the roof or scaffold.
- 11. Internally, replace corroding mesh across all piercings of the turret with new welded 316 stainless steel mesh. High level internal access scaffold will be required.

See below for replacement of existing roof hatch, and creation of new opening and hatch at the east end of the roof.

Side Chapel Roofs and South Porch (to be undertaken sequentially based on priorities agreed with the CA). Scaffold to be installed to max two bays at any one time.)

- Install new sub-structure to modified form, incorporating continuous ventilation at the gutter upstand and upper step, and 12. cover with sand-cast lead. Replace lead flashings at all abutments.
- 13. Construct new parapet gutter structures to modified forms, board-out and line with sand-cast lead. Replace lead cover flashings at each abutment. 12.1 See drawing DEM200 for provisional works to breakout concrete

13.1.	See drawing DEMI200 for provisional works to breakout concrete or masonry from each gutter base.
13.2.	Provisionally allow for reforming levels of masonry in brick or tile set in lime mortar to achieve new falls to gutters as
	set out by contractor to CA approval.
42.2	

- Include prime cost sum of £300 per outlet for new sump inspection covers to all outlets. 13.3. Include for taking down all lead hoppers, adapting for overflows and reinstating. This will require local access following 13.4. removal of scaffolding.
- 14. Replace linings and associated flashing in buttress openings with new sand-cast lead.

Note: Electrical equipment/infrastructure in the roof space to remain accessible and in use during the works. This includes the fire detection and alarm systems, AV and microphone winches.

Roof Space

- 15. 4 no internal passage doors: allow provisional sum of £150/door for minor repairs or decoration, scheduled by CA.
- 16. Turret stairs: to be cleaned top to bottom; all dust removed during cleaning programme.
- 17. Internal winches project: main contractor to be aware of separate winches project (works by others) and to undertake CDM duties for construction phase with separate contractor directly appointed by employer.
- 18. Access to roofspace during works: contractor to operate a 'permit to work' system for all access to roofspace including by employer or agents - from above or people coming up spiral stairs.

19. See drawing EN 200 for dusting/vacuuming throughout the roof space prior to commencement.

20.	Existing access hatch into roof space at West End, this is the only access internally. Hatch to be lifted, and access platform to
	be erected internally with vertical safe access from inside to out for contractor.
20	1.1. Modify opening and edging to accommodate sufficient upstands following over-boarding.

20.1. Adapt hatch to include hinges; struts and locks. Prime cost for specially made heaving hinges: £500.

20.2. Adapt finish to terne-coated stainless steel, which will be lighter weight

21. Allow provisionally for forming similar new access hatch with all forming of opening trimming, edging at the east end of the roof. Clad in terne-coated stainless steel. PC ironmongery as above £500.

22. Trial application of Fertan to tie bars. Subject to approval by CA, apply to each tie bar.

23. FIRE RISK MANAGEMENT. Read with MFP report and recommendations.

23.1. Existing systems to be maintained by main contractor (and coordinated in risk management terms with operations of the live occupied spaces below, and to undertake drills to prove the operational handling of alarms, tests and alerts).

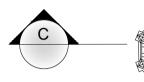
Additional fire detection of the works area within roofspace. Including beacons and or sounders for workforce. 23.2. 23.3. Additional fire detection of the works area above the roof and within the temporary roof, Including beacons and or coundars for workforce

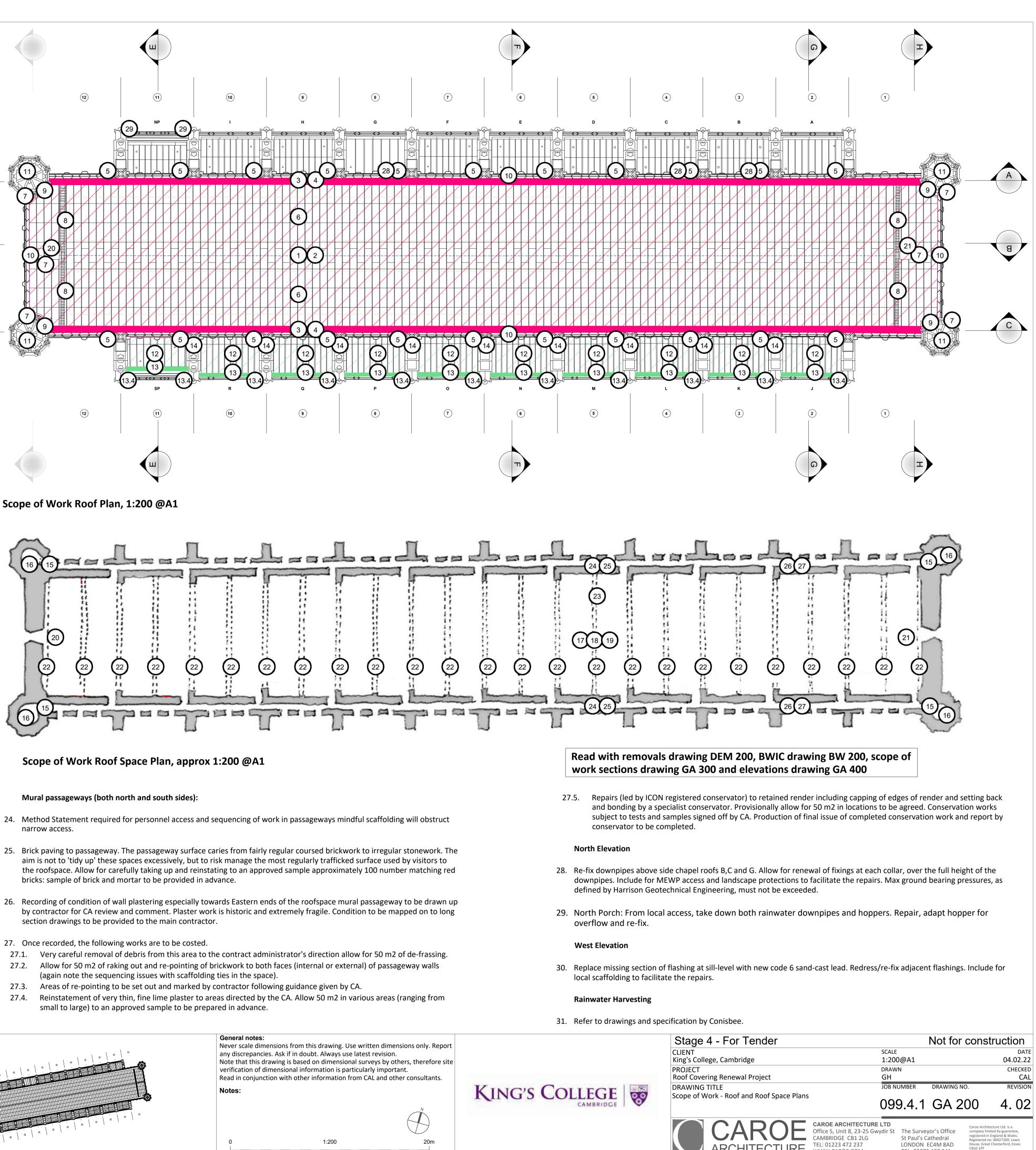
	sounders for workforce.					
Rev. 01 02	Date 19.02.22 08.04.22	Drn. GH GH	Chkd. CAL CAL	Description Notation for Mural Passageway re Ridge notation updated		Key Plan
Filename: Printed:	GA 200 Roof Plan. 2022-04-13 4:54 F		,	s	This drawing is copyright. All rights in this work are reserved. For full details of copyright terms, read with project covering statement dated 22 December 2014. Also as described in the covering statement this drawing is not resolved or complete; works having beased prior to completion of a design stage freeze. CAL accept no liability for error or inconsistency. CAL shall not be liable if this material is modified or used for any purpose other than the purpose for which it was prepared. Not for use for valuation.	• \ • \ •

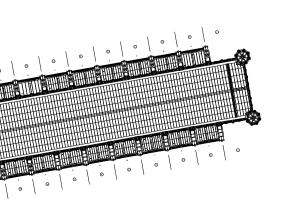


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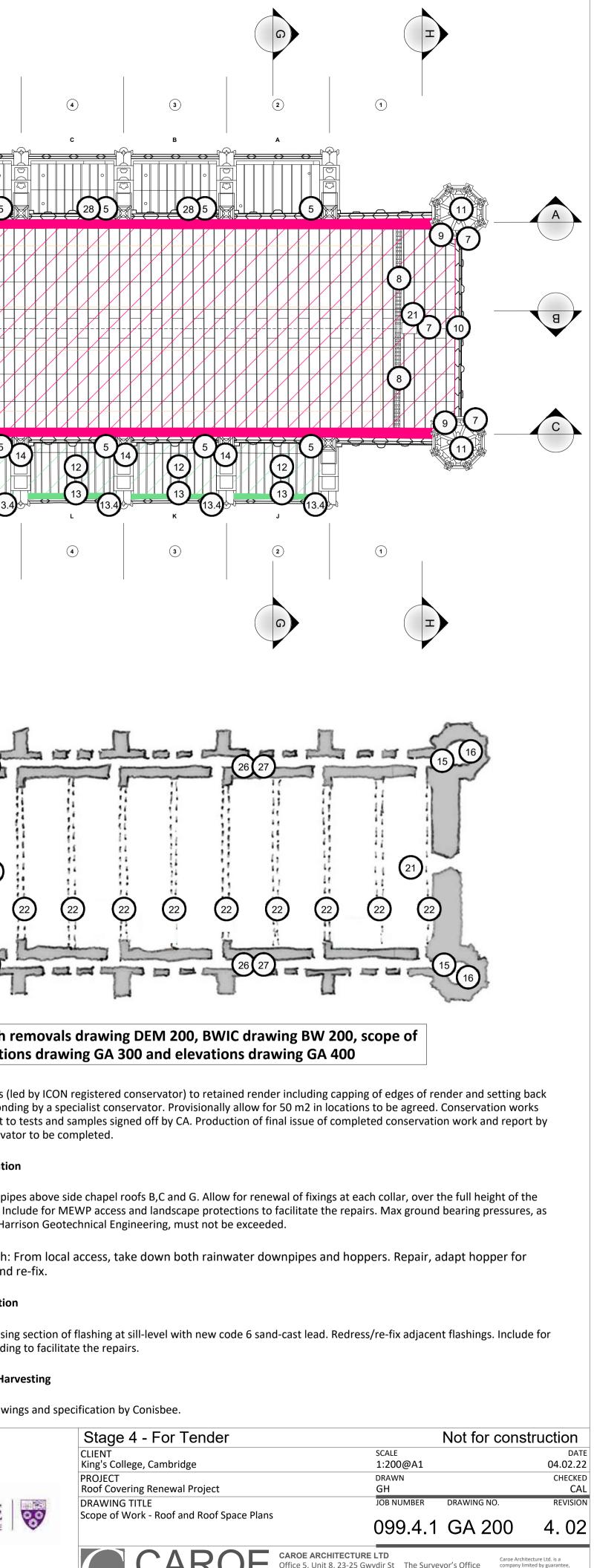


General notes:
Never scale dimensions from this drawing. Use written dimensions only. Report
any discrepancies. Ask if in doubt. Always use latest revision.
Note that this drawing is based on dimensional surveys by others, therefore site
verification of dimensional information is particularly important.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

1.200

Notes:





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