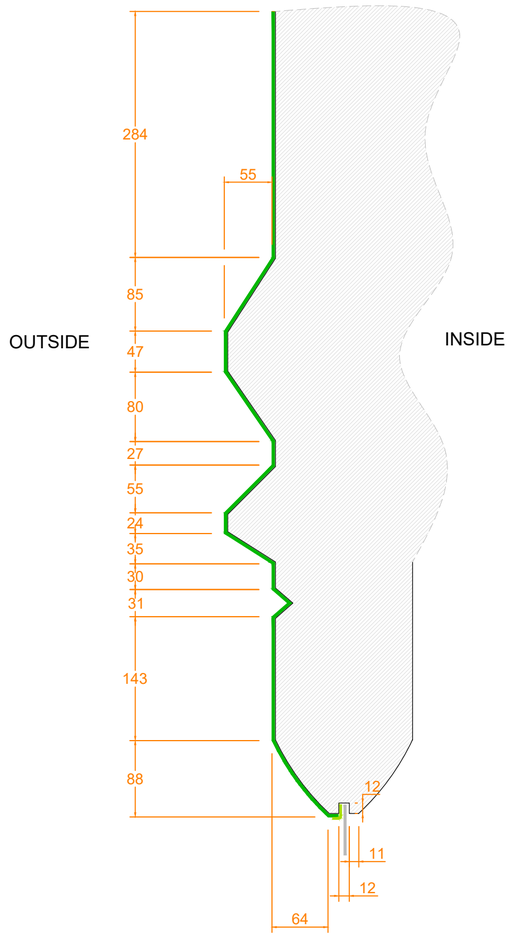
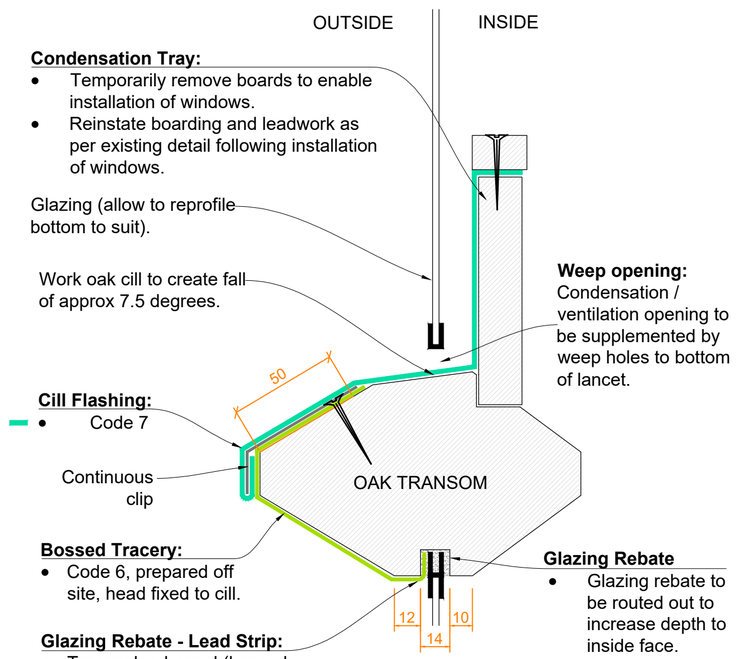
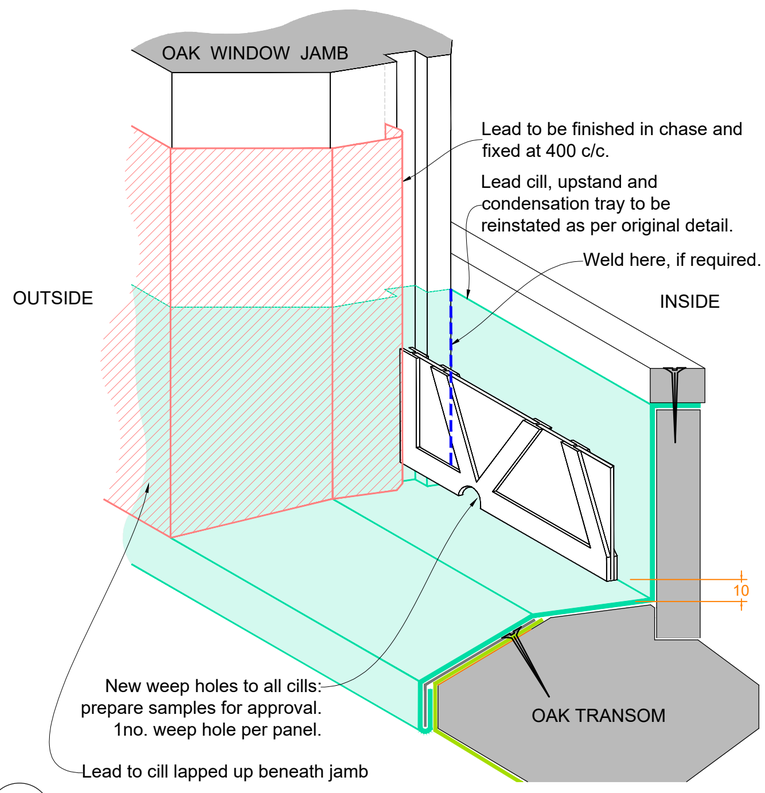


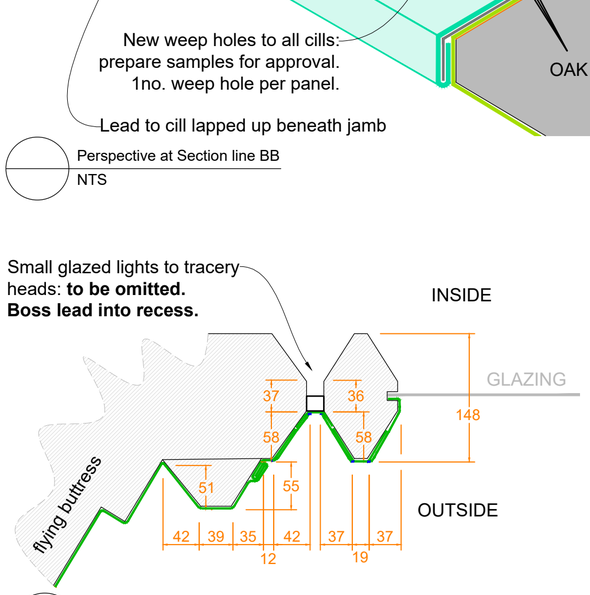

Section AA
1:5



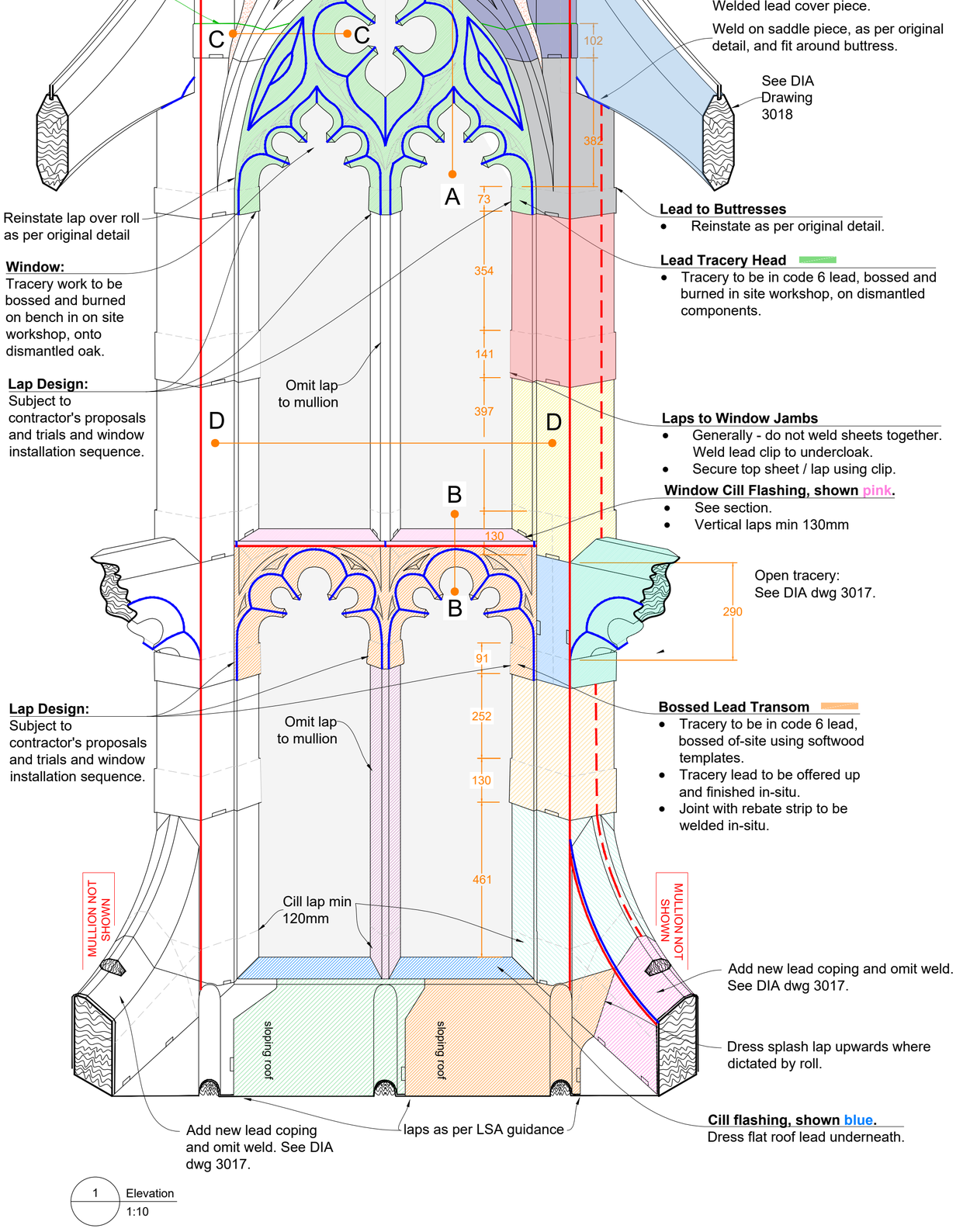

Section BB
1:2



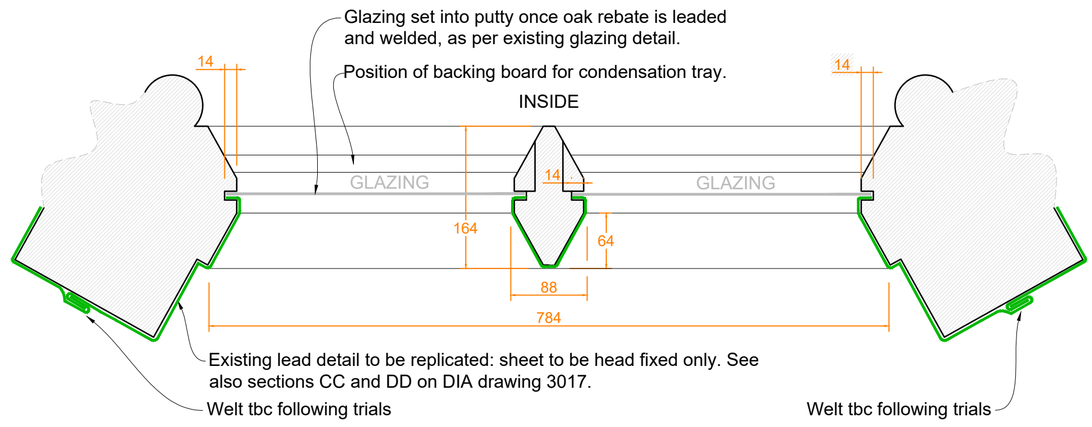

Perspective at Section line BB
NTS




Section CC
1:5




1 Elevation
1:10




Plan Cut DD
1:5

*These drawings are based on measured survey drawing provided by the contractor, from their own survey. The leadwork has been partly redesigned where required, based on these drawings, to address defects in the original (1950s) design. Where design details have not been amended, the contractor should fit new lead, to match the original details based on these drawings and their other records, as DIA Specification.*

## NOTES

**These drawings and notes should be read alongside the Lantern *DIA Methodology and Approach Document*, and the *DIA Materials and Workmanship Specification.***

**Contractors Proposals & Samples:**

- Submit proposals for the cleaning of all salvage lead work (cast elements) using a nitric acid based cleaner; undertake trials in discrete areas for architect approval.
- The contractor is to provide samples of bossed work, made using softwood templates of the upper and lower window tracery heads, upper window transom, and flying buttress tracery. These should be presented for architect inspection and comment prior to commencing work.
- A sample of each unique detail should be completed and presented for architect inspection and comment, and possible modification, before repeating the detail elsewhere.
- Submit samples of folded welts, alternative roll detail, and welding with both a single pass (code 6) and double pass (code 7).

**General:**

- Use sand cast lead as per DIA specification.
- Use code 6 for bossed tracery work and code 7 elsewhere, unless otherwise stated in writing (DIA drawings or inspection notes).
- All salvage lead for re-use is to be cleaned.
- Apply patination oil to all new and cleaned lead, as DIA Specification.
- Apply chalk slurry to underside of lead sheeting, as per DIA specification.

**Windows and Joinery:**

Window and joinery repairs are shown on separate sets of DIA drawings: refer to the DIA drawing issue sheets.

**Hot Works:**

Hot Works permits to be obtained and procedure to be followed at all times. Unless otherwise agreed, the process will be at minimum:

1. Hot works to finish at 3pm (or 2 hours before end of shift).
2. Lead workers to monitor for remainder of working day / shift.
3. Areas of hot works to be inspected at least **hourly** by night attendants, until midnight.

**Rainwater Pipes / Discharge:**

The lead rainwater pipes present in the existing design have been amended;

- The pipes will be made as bespoke square sections, using stainless steel; each section will have varying diameters as shown on the drawings.
- All rainwater pipes in the flying buttress Code 5 Milled Lead.
- Gutters in Code 7 Sandcast Lead.
- Shoe in Code 5 Milled Lead

## Repair Key

For clarity, different sheets of lead are occasionally shown in different colours, notably where details are to be amended; the colour does not indicate lead code, and is purely a visual aid.

- Lead weld
- Lead weld to window reveal rebate strip (See DIA drawing 3022)
- Proposed lead welt (revised design)
- Welt tbc following trials

N

## Key Elevation



**Purpose of Issue:**
**FOR_RECORD**

Notes

1. Any dwg format drawing is to be read in conjunction with and at the scale of the accompanying pdf.
2. Where colours other than black or grey are used, the drawing must be plotted in colour.
3. For status 'C' (Construction) drawings all dimensions are to be checked on site by the contractor, scaling is for Local Authority purposes only.
4. Unless otherwise indicated, all dimensions are in millimeters.
5. All information on this drawing is to be read in conjunction with the relevant Donald Insall Associates specification and trade contractors' drawings and information by specialists.
6. In the event of any discrepancy, please contact us immediately.
7. This drawing may contain survey information by others and is to be used solely for the purposes for which it was issued.
8. These are uncontrolled documents issued for information purposes only. If you have any queries regarding the drawings, please contact DIA immediately.
9. Please note DIA cannot be held responsible for any errors arising from changes made to an uncontrolled dwg file.

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Drawing Status
F Feasibility
S Sketch Design
P Planning
B Building Control
D Developed Design
M Measurement
T Tender
C Construction
R Record

| Rev | Date | Dwn | Auth | Revision |
|---|---|---|---|---|
| B | 09.04.20 | BXR | ERL | RECORD DRAWING - Final Construction Issue |
| A | 25.01.19 | BXR | PXD | Revised following trials / investgations. |
| 0 | 05.03.18 | ERL | PXD | Initial Issue |

Donald Insall Associates
Chartered Architects and Historic Building Consultants
12 Devonshire Street
London W1G 7AB
(+44) 020 7245 9888
london@insall-architects.co.uk

Westminster Hall, Palace of Westminster

Lantern Leadwork as Proposed
Upper Window

| Project | No |
|---|---|
| PW.WH.3 | 3019 |
| Scale (A1) | Status / Revision |
| 1:VAR | R / B |