Finial - Wood blocks to base of finial to be re-adhered together using Sikaflex.

Tops of all pinnacles to have metal roofs installed to support lead finials. See DIA drawing 3015.

For carpentry work associated with drainage, refer to DIA drainage and leadwork drawings.

Oak Gablet and Gutter Floor to be reinstated like for like (except where cut wider at opening to accommodate down pipe).

For tracery heads see also DIA drawing 3210

Transoms to Flying Buttresses Rev.A
Mullions have dropped, and lower part of transoms have therefore dropped too. Install new 6-sided oak blocks where shown, bed in Sikaflex, to secure transoms in original location. (x6 transoms total, x1 block each side). N.B: these do not need to be finished perfectly flush, their primary purpose is to pack out and prevent dropping.

Finial - Wood blocks to base of finial to be re-adhered together using Sikaflex.

Fleche - Horizontal oak boards and tongue and groove pine boards (fixed diagonally) have been removed from x3 sides of the lantern fleche. These are to be reinstated like-for-like using 304 stainless steel cross head/pozi head wood screws. Rolls to be repainted prior to being refixed on top of building paper. Small areas of damage (i.e. screw holes, loss of tongue to pine boards) are acceptable. If any boards are unsuitable for re-use, set aside for architect approval and replace like-for-like with new.

For repairs to windows, and surrounding rolls, see DIA drawing 3203

Flat Roof - Boards and rolls to be refixed like-for-like. Ensure roll ends are cut at 45° or less and edges are rounded off.

Damaged roll, indent in oak.

Damaged roll, indent in oak.

Loose roll, refix

NB: Removed for trials and investigations.

Damaged roll, replace in oak.

Loose roll, refix

Mechanically secure external boarding x2 fixings per board back into main studs.

Missing infill piece, oak indent

NB: These boards removed for trials and investigations.

Damaged roll, indent in oak.

Loose roll, refix

Mechanically secure external boarding x2 fixings per board back into main studs.

Missing infill piece, oak indent

Loose roll, refix

Missing infill piece, oak indent

1

6

5
(SOUTH)

Lantern External Joinery Repair Key

1. **Loose timber pieces to be refixed**
   Secure loose timber/pieces (including previous indents) as C53/360.

2. **New Oak Indents**
   Missing or severely decayed timber. Indent or replace in oak - *Refer to annotation.*

3. **Mechanically secure boarding**
   Refer to annotation.

4. **Dismantled fabric to be refixed like-for-like**
   Where timber pieces cannot be reused, supply new like-for-like (see annotation).

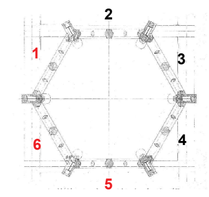
Repair Notes: Generally:

- Repairs should be undertaken in accordance with the DIA Specification and approved contractor's method statement.
- Notify the architect immediately if further defects to those shown on this drawing are found.
- All loose and friable timber which is likely to fail, or fall, in future should be consolidated and secured in place as below.
- The methods of securing and consolidating (Sikaflex adhesive, or screws) will vary depending upon location.
- All projecting nails should be fixed flush with timber.
- Flat head screws to be used for securing cusps, tracery heads and other projections, 304 Stainless Steel cross head or pozi head wood screws for external work, silicone bronze screws, or stainless steel sunk and finished with oak plugs for internal work:
- All work generally as per DIA specification.

Repairs Specification:

- New timber (for repairs) as per DIA Specification generally, including **C53/200**.
- Repairs to be undertaken as per DIA Specification generally, notably clauses.
- **C53 / 150** (general method, **210** (nails), **220** and **230** (screws), **240** (glued joints), **290** (carvings), **320** (reassembly), **330** (jointing), **340** (consolidation of friable surfaces).

Lantern Key Plan



N

TO BE READ ALONGSIDE OTHER DIA DRAWINGS AND THE 'LANTERN METHODOLOGY, APPROACH AND SPECIFICATION' DOCUMENT.

REPAIRS TO EXISTING TIMBER SHOWN ONLY, JOINERY WORK ASSOCIATED WITH RWPS NOT SHOWN

THIS DRAWING IS BASED ON SURVEYS PREPARED BY OTHERS: IT IS NOT AN ACCURATE MEASURED SURVEY DRAWING AND SHOULD NOT BE USED FOR CONSTRUCTION, MEASUREMENT OR PRICING PURPOSES.

Notes

1. Any dwg format drawing is to be read in conjunction with and at the scale of the accompanying pdf.
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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	30.05.2019	ERL	ERL	Revised following inspection (flying buttress transoms).
A	25.01.19	BXR	ERL	Revised following resurvey
0	09.11.18	BXR	ERL	Initial Issue

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Exterior Elevations - Joinery Repairs
1. North West, 6. South West, 5. South

Project	No
PW.WH.3	3212
Scale (A1)	Status / Revision
1:20	C / B