

Allowance for Additional Defrassing:
Contractor to allow to defrass an additional 10% of the timber surface area, in order to allow for timber faces not shown on this elevation (tops, rears, sides and concealed faces of timbers, etc), as agreed with the architect on site.

REPAIRS KEY:		
Ref:	Defect:	Repair:
1	Splitting and feathering of timber along the grain. 'D' denotes where split has caused timber pieces to detach, and require refixing.	Secure split / feathered timber as C53/150. Where splits contain putty or friable filler, rake out old / failed putty and leave open. <i>Where timber pieces have detached; refix where shown, otherwise safely remove.</i>
2	Beetle attacked / friable or sulfur decayed surface to timber.	Dust and remove loose timber to surface (defrass). Where decay is approx 4mm> deep, consolidate surface as C53/340.
3	Loose timber pieces. 'T' denotes tracery. 'C' denotes cusp to tracery. 'R' denotes nosing or roll. 'O' denotes other (inc. old indents); <i>refer to annotation.</i>	Secure loose timber / pieces (including previous indents) as C53/150 and C53/360. <i>Flat head screws to be used for securing rolls and other projections (cusps, tracery), fixed with screw head facing upwards, and as per DIA Specifica</i>
4	Missing or severely decayed timber. 'ID' denotes indent. 'W' denotes whole replacement.	Indent or replace (i.e. missing cusps) in oak, as C53/150. Any cutting out to be kept to minimum feasible amount.
5	Adhesive/s to timber.	Remove excess adhesive, as per method agreed following trial sample (C53/80).
6	White spray deposits to timber and metalwork.	Undertake a light damp sponge clean (as per trial sample) to remove white spray deposits.
<i>*Specification clauses stated above should be read in conjunction with C53 and the DIA Specification generally.</i>		

REPAIRS NOTES:

Generally:

- Repairs should be undertaken in accordance with the DIA Specification (as described below) or approved contractor's method (subject to statement and / or samples).
- Notify the architect immediately if, during repairs, 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 will vary depending upon location; refer to DIA Specification and drawings.
- Where screws are used, they should be fixed with the heads facing upwards (as per existing examples), so as to not reflect light.

Samples:

- Prior to repairs, samples are required as per DIA Specification clauses C53/30 (materials), 40 (joinery repair), 50 (cleaning), 70 (cusp consolidation), 80 (removal of adhesives).

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).
- Fabric backing to high-level arcading to be re-adhered as per C53/350.
- Re-fixing of loose of detached elements to high-level arcading as per C53/360 (adhesives or mechanical fixings, as per DIA drawings or to be agreed with the architect).

Polychromy / Finishes:

- If areas due to be defrassed (see Key item 2) appear to have traces of decorative finishes / polychromy, stop works consult the architect before proceeding further.
- Where consolidation of friable surfaces is required under item 2, lightly apply beeswax as per trial samples. Any requirements for further specialist consolidation will be addressed on a case by case basis.

GRID NOTE:

Grid provided to allow for ease of coordination/ description. Example of grid reference as follows:

- Reference: *B1(W)/R2*
- Position: *Bay 1, West Side, Square 'R2'*

N.B: the roof bays are numbered 0 - 13, from north to south. Refer to DIA drawing 1053.

GENERAL CLEANING/ REPAIR NOTES:

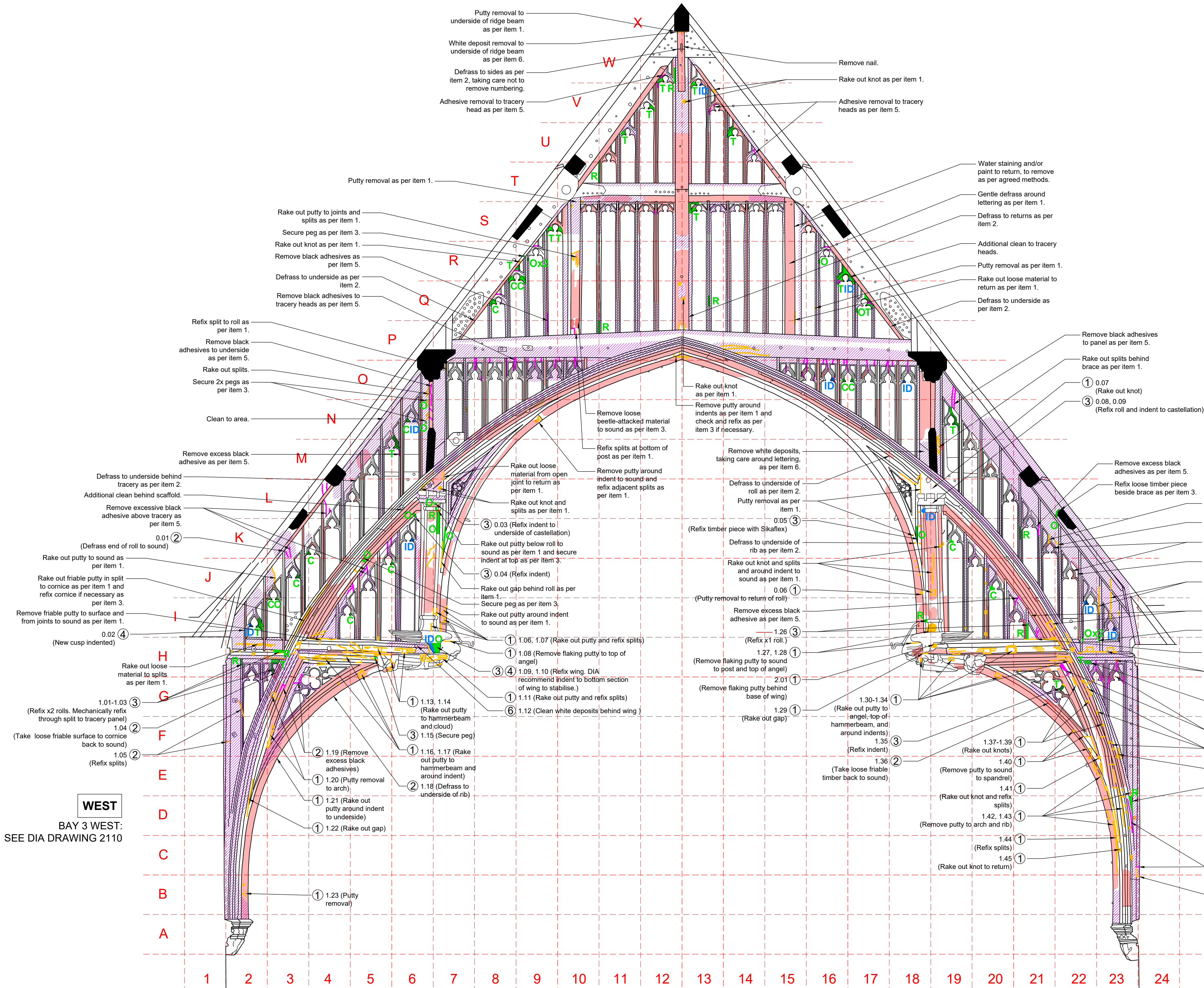
- All surfaces of timber and metalwork are to be cleaned according to the Section C53 of the specifications, including rafters, hammer beams and boarding.
- All loose shims/ small timber inserts are to be removed, bagged, labelled and marked on drawings according to Section C53 of the specifications.
- Notify the PM if any necessary repairs not indicated on the drawings or in the specifications are found during cleaning or repair works.

NOT INCLUDED IN THIS CONTRACT

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Job Westminster Hall Conservation Project
Title CLEANING AND REPAIR WORKS TO TIMBER ROOF TRUSSES
BAY 3 - NORTH

Job	PW.WH3	Status	R
No	2108	Rev	F
Scale (A1)	1:	5	0



1 North Elevation of Bay 3 Roof Truss
1:50

Purpose of Issue:
FOR_RECORD

No.	NOTES (STATUS: F. FEASIBILITY S. SKETCH DESIGN P. PLANNING B. BUILDING CONTROL D. DESIGN DEV / PRELIM M. MEASUREMENT T. TENDER C. CONSTRUCTION R. RECORD)	F	25/10/2019	BXR	ERL	RECORD DRAWING - FINAL CONSTRUCTION ISSUE
1	For construction use only if status 'C' and checked against current revision	E	24/05/2019	AYT	ERL	UPDATES TO REPAIRS FOLLOWING LOWER THIRD SNAGGING INSPECTION 23/05/19. REPAIRS NUMBERED 1.01 >
2	All dimensions to be checked on site by contractor	D	16/05/2019	AYT	ERL	UPDATES TO REPAIRS FOLLOWING LOWER THIRD SURVEY 30/04/19. REPAIRS NUMBERED 1.01 >
3	Do not scale from this drawing	C	26/04/2019	AYT	ERL	UPDATES TO REPAIRS FOLLOWING MIDDLE THIRD SNAGGING INSPECTION 18/04/19. REPAIRS NUMBERED 1.01 >
4	Unless otherwise indicated all dimensions are in millimetres	B	26/02/2019	AYT	ERL	UPDATES TO REPAIRS FOLLOWING UPPER THIRD SNAGGING INSPECTION 07/02/19 AND MIDDLE THIRD SURVEYS 14/02/19 AND 19/02/19
		A	14/01/2019	AYT	ERL	UPDATES TO REPAIRS FOLLOWING SURVEY OF REMAINING AREAS 08/01/19
		-	02/01/2019	AYT	ERL	INITIAL ISSUE FOLLOWING REPAIR SURVEY 18/12/18
		Rev	Date	Drawn	Auth	REVISIONS