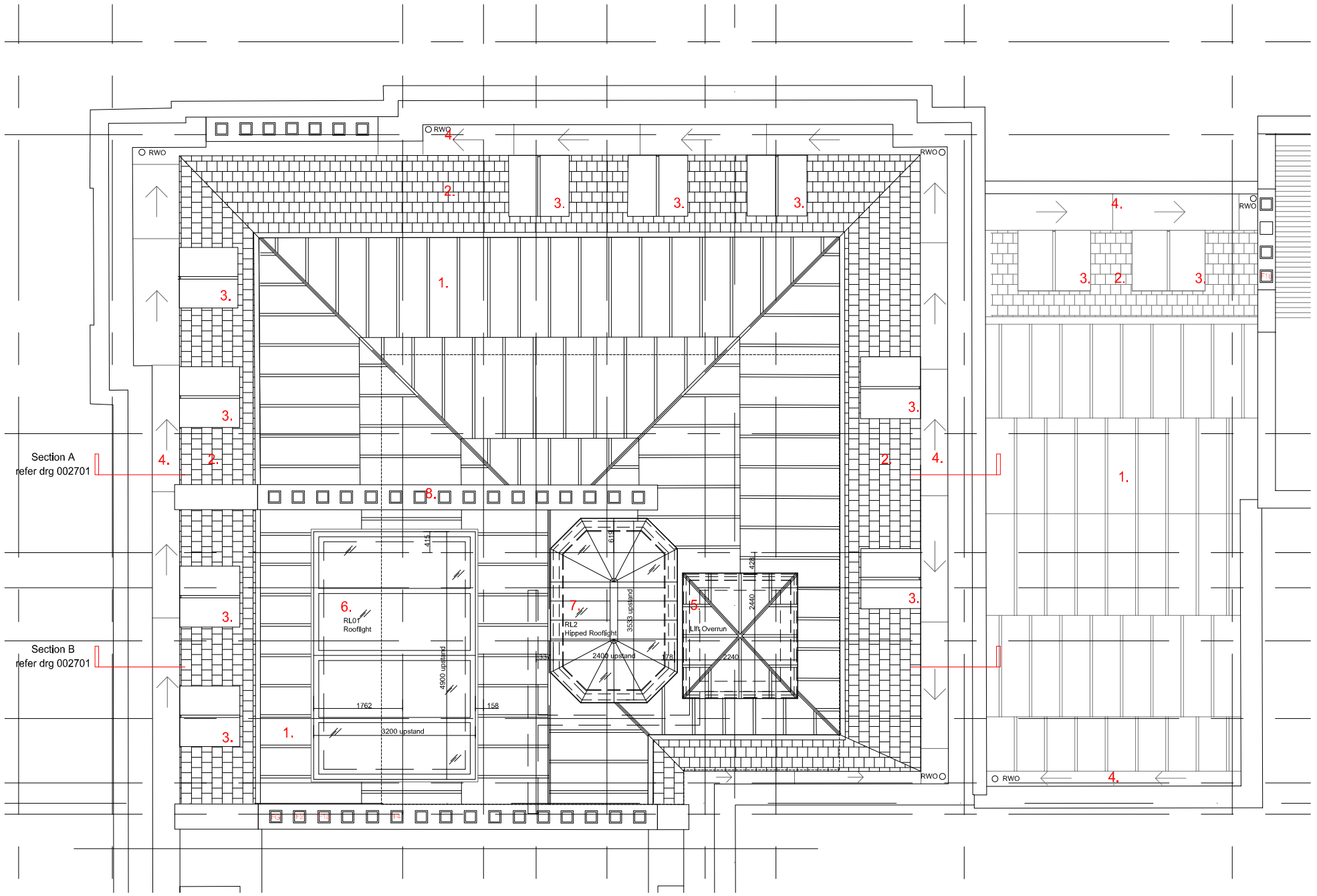

Roof Reinstatement Outline Specification

1. Lead Flat Roofs:
   - Existing Timber joists to be retained, subject to inspection for defects.
   - Existing plywood sheeting to be replaced with 18mm WBP Plywood.
   - Existing underlay membrane to be removed and replaced with Geotec 220PY non woven needle punched polyester textile underlay by Calder Lead or similar & approved.
   - Existing lead to be removed and replaced with Code 7 Lead. Both sides of lead to be treated with Patination Oil by 'Calder Lead' prior to installation, and second coat applied after installation.
   - Longtidunal joints to be formed with wood cored or hollow rolls to match existing. Spacing to be 600mm maximum.
   - Drips to be formed without splash joints and spaced 2000mm maximum.

   Lead Flashings:
   - All flashings to be a minumum of Code 5. Both sides to be treated with Patination Oil. Sheet lengths not exceeding 2000mm.
   - End to end joints with minimum lap of 150mm.
   - Overlap to any lead upstand not less than 100mm.
   - Flashing extent in accordance with the Lead Association guidance. Extent to be as per existing as a minimum.

2. Pitched Slate Roofs:
   - Existing slates to be removed, new natural Welsh Slate, blue/grey to be installed. Size, colour & thickness to closely match the existing. Sample to be provided for Statutory & Client approval.
   - Overlaps and fixing spacings to match existing.
   - Fixed to cross lapped treated SW battens, 25x32mm.
   - Existing roofing felt to be removed and replaced with 'MonaTile 1F Underslating Felt' or similar and approved.
   - Nicholson ventilators where required, refer to details.
   - Existing timber joists to be retained, subject to inspection for defects. Refer to Structural Engineer for replacement joists required.
   - 125mm Kingspan Kooltherm K7 Insulation between joists, note that joists are generally only 120mm deep and that 50mm ventilation is required above the insulation. This means that internal drylining will need to be spaced off underside of the joists with GL1 Channel or SE timber rails.
   - Additional 20mm Kingspan Kooltherm K7 to be packed below joists where possible to reduce thermal bridging.

3. Dormer Windows:
   - Existing timber structure to be retained subject to inspection for defects.
   - Cavities to be packed with Kingspan Optim-R Dormer Insulation.
   - Existing plywood sheeting to be replaced with 18mm WBP Plywood.
   - Existing underlay membrane to be removed and replaced with Geotec 220PY non woven needle punched polyester textile underlay by Calder Lead or similar & approved.
   - Existing lead to be removed and replaced with Code 7 Lead. Both sides of lead to be treated with Patination Oil by 'Calder Lead' prior to installation, and second coat applied after installation.
   - All lead joints and detailing to match the existing. Photo and measured survey to be undertaken by sub-contractor to ensure matching detailing.
   - Vents to cheeks of Domers, detail as per existing.

4. Gutters:
   - Existing lead to be removed and replaced with Code 7 Lead. Both sides of lead to be treated with Patination Oil by 'Calder Lead' prior to installation, and second coat applied after installation.
   - Sub-contractor to confirm if expansions joints are required. Neoprene/terne coated stainless steel expansion joints to be used 'T-Pren', as supplied by British Lead Mills.
   - Any existing timber sub-structure to be removed and replaced with treated SW battens & 18mm WBP Ply.
   - K7 Kingspan Insulation packed between battens.
   - Nicholson upstand ventilators to gutter leadwork, refer to details.

5. Lift Over Run.
   - 100x50mm treated SW battens fixed to concrete shaft.
   - 70mm Kingspan Kooltherm K7 Insulation, between battens.
   - 25x32mm treated SW cross battens.
   - 18mm WBP Ply.
   - Code 7 Lead. Both sides of lead to be treated with Patination Oil by 'Calder Lead' prior to installation, and second coat applied after installation.
   - Nicholson upstand ventilators to leadwork, refer to details.

6. Rooflight. 4900x3200mm
   - Double glazed U-Value 1.1 W/m2k.
   - Frame to be powder coated RAL 7015 Slate Grey.
   - Supplied by Cantifix/Glazing Vision or similar.
   - Refer to Structural Engineer for upstand/roof trimmer specification.

7. Hipped Skylight. 2400x353mm
   - 'SpanGuard' skylight by Lonsdale
   - Double glazed U-Value 1.1 W/m2k.
   - Colour TBC.
   - Refer to Structural Engineer for upstand/roof trimmer specification.

8. Chimney Stacks to be reconstructed, supported by steelwork to structural engineers specification.

Area of roof within the blue boundary has been completely demolished. Timber rafters & steelwork to be installed to Structural Engineers drawings.

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NOTES:

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METRES

REV	BY	DATES	DESCRIPTION

PROJECT CODE:
Project Quad

PROJECT TITLE:
6 -10 Cambridge Terrace and 1-2 Chester Gate
Regents Park
London NW1

DRAWING TITLE:
PROPOSED ROOF REFURBISHMENT PLAN

DRAWN BY:	CHECKED BY:
NC	NC

ISSUED FOR:
PLANNING

SCALE:	DATE:
1:100 @ A3	JUNE 16

DRAWING NO:	REVISION:
639-2.009	A