

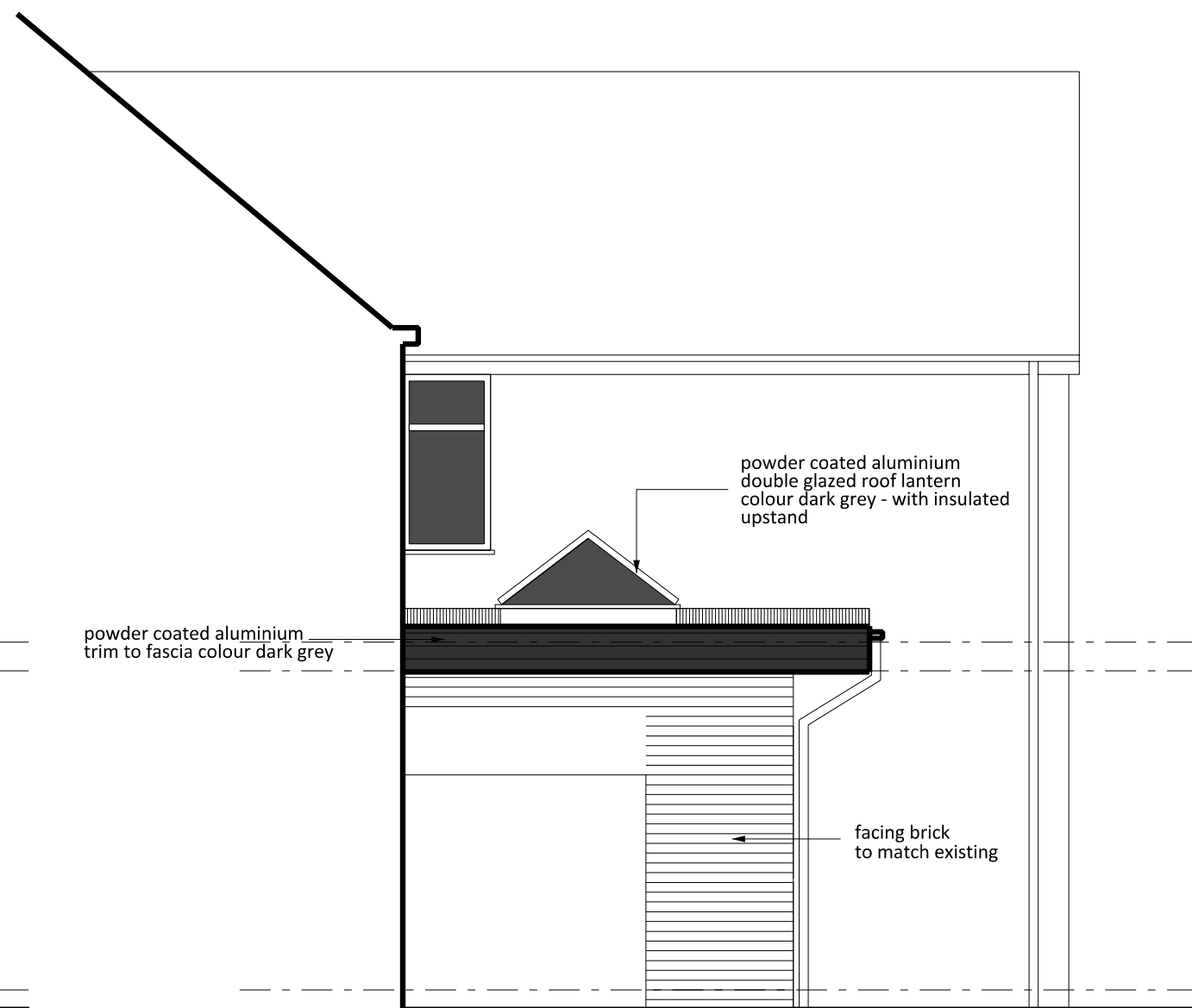
0 1 2 3 4 5

scale 1:50

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REAR ELEVATION



SIDE ELEVATION

SINGLE PLY ROOF COVERING TO FLAT ROOF AREA

Substrate: Rigid insulation laid over 18mm WBP ply sheeting on traditional timber roof
 Roof covering system: Mechanically fixed single ply
 Lower protection layer (loose laid): Not required.
 Vapour control layer: Determined by contractor.
 Insulation: 60mm Kingspan OPTIM-R- overlaid with 25mm Kingspan TR27 -
 Separating layer (loose laid): As recommended by membrane manufacturer.
 Waterproof membrane: as noted in suppliers above.
 Width: As standard roll width dependent on manufacturer.
 Thickness: 1.5 mm, excluding fleece backing.
 Colour: Grey.
 Upper protection layer (loose laid): Not required.
 Accessories: Edge trims and flashings in PVC coated metal, collars and flashings for penetrations.

Flat roof Insulation to satisfy following criteria
 - Thermal transmittance of the roof (maximum): 0.15 W/m²K.
 - Compressive strength of insulation (minimum) at 10% compression: 150 kPa.
 - Finished surface: Suitably even, stable and robust to receive roof covering.
 - Insulation compliance: To a relevant British Standard, or Agrément certified.

Min 80mm thick Kingspan Optim-RE roofing system

VAPOUR CONTROL LAYER
 Type: As membrane manufacturer's/ supplier's recommendations.
 Manufacturer: Agrément certified.

Product reference: Contractor's choice.
 Thickness: as specified by manufacturer.
 Vapour resistance: 1000 MN s/g.

WELDED JOINTING OF WATERPROOF MEMBRANE
 Side and end joints:

- Laps (minimum): as recommended by roof covering manufacturer.
 - Preparation: Clean and dry surfaces beyond full width of joint.

Sealing: Weld together.
 Seam sealant: Even bead of liquid PVC to each joint.
 Condition at completion: Fully sealed, smooth, weatherproof and free draining.

PERIMETER OF MEMBRANE
 General: Secure membrane at roof edge conditions, changes of plane, curb flashings, upstands to roof lights, etc. with mechanical fasteners.
 PERIMETER DETAILS FOR THERMOPLASTIC MEMBRANES
 Upstands, edge trims, drips, kerbs, etc: Secure preformed metal sections to roof structure with mechanical fasteners.
 Roof membrane: Dress over perimeter profile. Overlap beyond fasteners by minimum 50 mm or as minimum recommendation by roof membrane manufacturer.

Sealing: Weld together.

Client

MAHANT PATEL

Project

220 WARWICK ROAD
 KENILWORTH
 CV8 1FD

Drawing Title

PROPOSED ELEVATIONS

Drawn	Checked	Paper Size	Scale	Date
VC	W	A3	1:50	05-11-2023
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Cullen
associates.
 architectural design consultancy

Horizon, Rugby Road, Weston under Wetherley
 Warwickshire, CV33 9BY

tel 07504 973 595 www.cullen-associates.co.uk