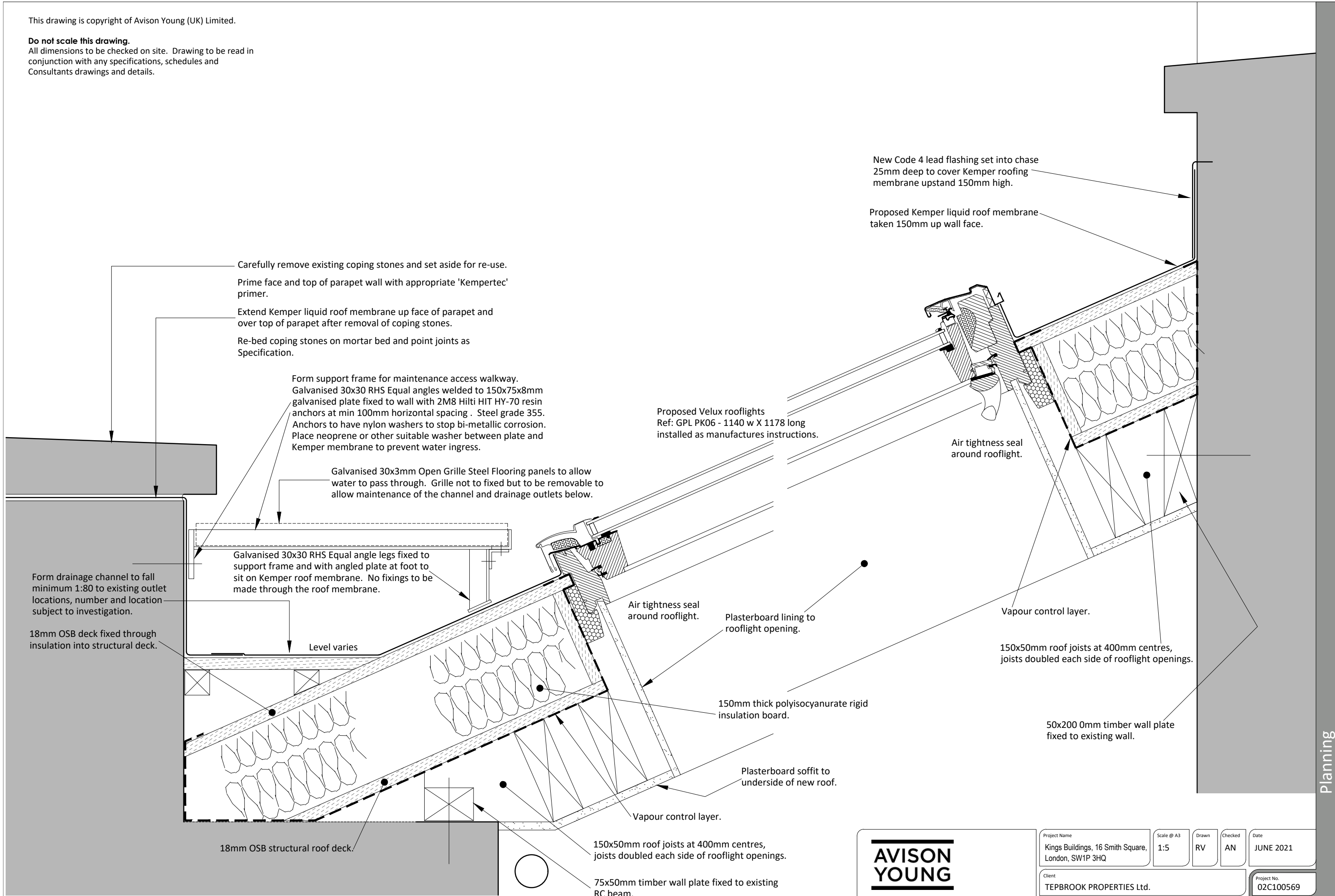


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Do not scale this drawing.

All dimensions to be checked on site. Drawing to be read in conjunction with any specifications, schedules and Consultants drawings and details.



Carefully remove existing coping stones and set aside for re-use.
 Prime face and top of parapet wall with appropriate 'Kempertec' primer.
 Extend Kemper liquid roof membrane up face of parapet and over top of parapet after removal of coping stones.
 Re-bed coping stones on mortar bed and point joints as Specification.

Form support frame for maintenance access walkway.
 Galvanised 30x30 RHS Equal angles welded to 150x75x8mm galvanised plate fixed to wall with 2M8 Hilti HIT HY-70 resin anchors at min 100mm horizontal spacing. Steel grade 355. Anchors to have nylon washers to stop bi-metallic corrosion. Place neoprene or other suitable washer between plate and Kemper membrane to prevent water ingress.

Galvanised 30x3mm Open Grille Steel Flooring panels to allow water to pass through. Grille not to fixed but to be removable to allow maintenance of the channel and drainage outlets below.

Galvanised 30x30 RHS Equal angle legs fixed to support frame and with angled plate at foot to sit on Kemper roof membrane. No fixings to be made through the roof membrane.

Form drainage channel to fall minimum 1:80 to existing outlet locations, number and location subject to investigation.

18mm OSB deck fixed through insulation into structural deck.

Level varies

18mm OSB structural roof deck.

Proposed Velux rooflights
 Ref: GPL PK06 - 1140 w X 1178 long installed as manufactures instructions.

New Code 4 lead flashing set into chase 25mm deep to cover Kemper roofing membrane upstand 150mm high.

Proposed Kemper liquid roof membrane taken 150mm up wall face.

Air tightness seal around rooflight.

Air tightness seal around rooflight.

Plasterboard lining to rooflight opening.

Vapour control layer.

150x50mm roof joists at 400mm centres, joists doubled each side of rooflight openings.

150mm thick polyisocyanurate rigid insulation board.

50x200 0mm timber wall plate fixed to existing wall.

Plasterboard soffit to underside of new roof.

Vapour control layer.

150x50mm roof joists at 400mm centres, joists doubled each side of rooflight openings.

75x50mm timber wall plate fixed to existing RC beam.

SECTION THROUGH NEW ROOF (WARM ROOF)
 Scale 1:5

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Project Name Kings Buildings, 16 Smith Square, London, SW1P 3HQ	Scale @ A3 1:5	Drawn RV	Checked AN	Date JUNE 2021
Client TEPBROOK PROPERTIES Ltd.	Project No. 02C100569			
Drawing Title DETAIL THROUGH NEW ROOF AND ROOFLIGHT	Drawing No. PR-03	Rev. -	A3	

Planning