









[5] PROPOSED LONG SECTION THROUGH GUTTER [G1] 1:50

Strip Out

- 1. Front parapet gutter G1 Completely strip out roof coverings to front parapet gutter (including associated flashings), strip out all timber bases, drips and bearers, allow for stripping out bottom 4/5 courses of slatework and set aside for reuse. Allow Architect to inspect.
- 2. Rear parapet gutter G3 Strip out existing roof coverings (ie. asphalt with overcoat of proprietary topseal system over); remove timber substrate but retain timber beareres. Remove bottom two courses of slatework and set aside for reuse and refix on completion over new sacrificial lead flashing.
- 3. Rear parapet G4 Remove existing half round gutter and downpipe; lift cover flashing at hip; strip out vertical slate cladding.

Proposed

- 4. Front parapet gutter G1 Build new timber gutter base in preparation for new single ply roof coverings with minimum 1:80 falls towards two new proprietary roof outlets. Roof outlets to have 90 degree screw outlets that can be properly sealed and connected to two new separate internal pipe outlets discharging independently to rear parapet gutter. Internal rainwater pipes are to be wrapped in acoustic insulation and suspended from existing rafters. Redress existing cover flashings with new clips as specified.
 - Note: internal access to the front roof void is gained through the small access hatch adjacent to the final flight of stairs to the roof.
- 5. Central Valley Gutter G2 Allow for cutting in an additional 90 degree roof rainwater outlet to the north end of the central valley gutter to provide overflow capacity should existing outlet get blocked up. This is to be connected to the new internal rainwater pipes running. Allow for sealing and making good (hot applied) mastic asphalt covering around new outlet.
- 6. Prior to completion allow for flow and connection testing rainwater pipes running through roof. Allow for providing CCTV survey on completion.
- 7. Rear Parapet gutter G3- Renew timber gutter base retaining existing falls. Install new single ply membrane roof covering. Reinstate slatework with new sacrificial lead flashing. Redress existing cover flashings to parapet side.
- 8. Rear parapet gutter G4 This is clearly a vulnerable area for potential blockage and is inaccessible for maintenance purposes. Allow for closing the gap with a timber infill 2m in length. Reclad the vertical face of the roof in welted lead cladding, as detailed, and dress over the rear parapet to ensure a the gap is closed. Allow for renewing lead flashing below slatework and carefully dress into the reinstated half round gutter.
- 9. Rear rainwater goods Remove uPVC rainwater goods from rear elevation and replace with new cast iron rainwater goods from the Longbottom range.





[IMG 1] Parapet Gutter G1 view looking south	IG 2] Two way outlet to Sump S1 [IMG 3] Roof void showing return connection from Sump S2	[IMG 4] Sump S2 with grating; holding water	[IMG 5] Rear parapet Gutter G3 view [IMG 6] Rear parapet Gutter G4 (inaccessible) view from Gutter G3 [IMG looking south	7] Rear parapet Gutter G4 close up view to south end	[IMG 8] Rear parapet Gutter G4 close up	view to north end
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