

COPPER IN ARCHITECTURE

ARCHITECTURAL DESIGN - SHORTLISTED

1 Embankment, Putney, London

Architect: Curtis Wood Architects



A steel beam and column structure supported on concrete strip foundations, with columns chased flush into party walls and anchored by fitch plates formed the structure. Concrete beam and block construction supported on block work sleeper walls formed the ground floor construction.

New stone period window mullions were added to the first and second floor windows, these were made from reconstituted stone and formed using casts taken from adjoining period property. The exposed concrete lintels were worked by hand to create period chases and details and then painted to match existing. The existing deteriorated roof level stone balustrade was replaced to match the period detail and formed in reconstituted stone. Code 5 lead flashings were used over stone high level sills to prevent blowing and water ingress.



Copper was used throughout the building, as a roofing material, cladding for the stair enclosure and for doors. Concealed bespoke copper box gutters were formed in the roof finish, connecting to concealed down pipes in the garden wall cavity. The doors were clad in copper with horizontal recessed copper pull handle in patinated copper to match the cladding.