ROOF 2

STAIR S.50

Wood Cored roll with splash laps

Code 8 lead roofing sheet.
NBS reference H71/110

25 x 100mm square edge treated s.w. boarding laid with 'penny' gaps laid on 50mm wide treated timber firrings laid at 1 in 60 falls tapering from minimum depth of 50mm

Geotextile underlay between 200/220 g/m2 laid on boarding. Underlay to have 100m lapped joints and stapled to boards

18mm WBP plywood supported on 75 X 75mm treated softwood treated battens plugged and screwed to existing stonework with stainless steel countersunk wood screws at 300mm centres. Hyload DPC fixed behind fillet to isolate it from direct contact with masonry.

Code 6 lead flashing fixed over Airtrak IL 0.7mm continuous stainless steel in line ventilator with integral vinyl coated GRP insect screen clip. Top of flashing fixed into mortar joint minimum 35mm and secured with lead wedges at 200mm centres. Vertical joints in flashing to be spaced at 1500mm maximum centres and lapped by 150mm minimum. Bottom edge of flashing turned up behind stainless steel by minimum 25mm
NBS reference H71 / 470

TOP OF FLASHING 48.530
TBC ON SITE

50mm wide treated timber firrings laid at 1 in 60 falls tapering from minimum depth of 50mm

Softwood joists at 400mm centres to SE details

175mm Kingspan Kooltherm K7 insulation board fitted tightly between roof joists

50 x 25mm treated timber battens fixed to sides of joists to retain insulation

DuPont AirGuard reflective air and vapour barrier stapled to timber joists and taped with Tyvec double sided tape. Junctions overlapped by minimum 100mm and sealed with double sided butyl tape.
NBS reference P10/290A.

Steelwork to SE details

30

Air and vapour barrier fixed to existing masonry wall through a flat metal plate. Junctions overlapped by min 100mm and sealed with double sided tape. Joints and fixings sealed with Butyl tape. Pleat the VCL to allow for movement.
NBS reference P10/310A.

12.5mm Gyproc wallboard with plaster skim fixed to joists, U/S of lasterboard to be in line with T.O. existing window.

12.5mm Gyproc wallboard bulkhead with plaster skim fixed to Gyproc MF framing

All concealed steelwork to receive intumescent finish as NBS M61/160A finished as M61/ 40

SHS post to SE details

Deflection head details to manufacture's recommendations. Gaps to be sealed.

12.5mm Gyproc wallboard with plaster skim fixed to Gyproc MF suspended ceiling framing
NBS reference K10 / 226A

Metal stud partition to form stair wall & conceal columns. Refer to wall types drawing & specification.

T.O. ex window 47.950
TBC ON SITE

1:5 Scale @ A1

0 100 200 300 400 500

Notes:

Drawings are based on survey data and may not accurately represent what is physically present.

Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.

All dimensions are in millimeters unless noted otherwise.

Purcell shall be notified in writing of any discrepancies.

ISSUE	DATE	DRAWN	CHECKED	DESCRIPTION
C	22/04/2020	SS	SS	Steelwork/VCL update
First Issue	22/04/2020	SS	SS	

CLIENT
University of Manchester

PROJECT
Manchester Museum Courtyard

DRAWING TITLE
6137-PUR-MMC-XX-DR-A-0424
Lead roof junction with existing building

SIZE & SCALE
1:5 @ A1

DRAWING STATUS Issued for Approval

JOB NUMBER 237010

DRAWING NO. 424

REVISION C

PURCELL

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