C

2310 from face
of curtain walling to GL C

281
Louvre & infill panel

20

STAIR S.50

Internal studwork to Stair S.50 - refer to Wall Types drawing

Stair landing see detail stair drawing

Half Landing 41.478

Fire separation between S.50 and AV store

AV STORE

Curtain walling with louvre and insulated infill panels.
NBS reference H11

DuPont AirGuard reflective air and vapour barrier to lap to EPDM of curtain walling with junctions overlapped by minimum 100mm and sealed with double sided tape and joints and fixings sealed with butyl tape. NBS reference P10/310.

Screed finish - refer to floor finishes drawing

GF Level 38.945

T.O.S. 38.785

100

160

Bituthene 8000 sheet to U/S curtwain walling fixed at the top with a 25 x 1mm continuous stainless steel fixing strip screwed to cement board with stainless steel screws at 200mm centres. NBS reference J40 / 180A

20mm reinforced stone cladding
NBS reference H92/110A

SFS framing to fit within the web of steel beam. Fill with insulation.

Steel beams to SE details. Encased with boarding to achieve 60min fire separation.

Insulation to basement soffit, including recess created by the ribs of the metal deck. NBS Specification P10/185

3mm thick purpose made polyester powder coated PPC aluminium soffit panel with min 50mm perforation for ventilation

Rockwool semi-rigid/rigid insulation to structure.

Fermacell Powerpanel H2O Render Carrier cement board to underside of structural beams below ground floor slab. Joints to be glued with Jointstik and edges taped using a mesh tape finished with 2mm thick Powerpanel Surface Finish as per manufacturer's details.

2576 to ctr of beam from GL C

Perimeter beams below ground floor to be encased with Hardie Windbreaker Sheathing Board. Fire resistant fixing system to manufacturer's details. Exposed edges to be clad with 3mm thick purpose made polyester powder coated PPC aluminium sheeting.

BASEMENT (EXTERNAL)

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
B	18/02/2020	MP	SS	
A	30/04/2018	GR	GR	
First Issue	18/02/2020	CW	MP	

CLIENT
University of Manchester

PROJECT
Manchester Museum Courtyard

DRAWING TITLE
6137-PUR-MMC-XX-DR-A-0447
Curtain wall and louvre junction with stair landing

SIZE & SCALE
1:5 @ A1

DRAWING STATUS Issued for Approval

JOB NUMBER 237010

DRAWING NO. 447

REVISION B

PURCELL

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