GW.15

GW.16

GDE.03

W.04

75 x 50mm black painted Oak batten plugged and screwed to brick wall. Additional sections of Oak to be scribed and fixed around projecting string courses to form continuous 10mm shadow gap between the face of the wall and the edge of the Trespa panel

13mm Trespa Meteon panel carefully scribed to follow the profile of the stone cills and string courses clamped behind curtain wall pressure plate and fixed to 50 x 50mm galvanised steel angle from the inside using Ejot PTs threadcutting screws

30

Curtain Walling 281 (210 back box)

1095 GL E to face of CW capping

Curtain walling H11/110A

Glazed double fire escape door integrated into curtain walling L20/480A to achieve min 1780mm clear opening

ACO Multidrain M100 PPD shallow constant depth 075 channel with perforated galvanised steel grating NBS reference Q10 / 180A

Curtain walling H11/110A

3mm polyester powder coated aluminum angle flashing riveted to horizontal cladding rail and clamped behind curtain wall pressure plate

Reinforced stone cladding. NBS reference H92/110A.

150mm Rockwool rainscreen duo slab. NBS reference P10/250B.

Cladding support for stone cladding, NBS reference H92/110A

20 Cladding

50 Air gap

150 Insulation

38 External sheathing

150 SFS Frame + Insulation

358 Grid line 1 to outside face of stone

13 Air tightness

12mm Cembrit cempanel cladding board. NBS reference K11/890A.

Security mesh NBS reference H31/111.

18mm plywood. NBS reference K11/415.

Internal studwork. Refer to wall type drawing & NBS specification K10 / 136B.

Grid line 1 to outside face of internal partition

41 Security line

141

150 SFS Frame

13 Air tightness

Air and vapour barrier to continue internally along GL 1 to maintain air tightness in the gallery space NBS reference P10/310A

max 190

RWP P3

Air and vapour barrier stapled to plywood with junctions overlapped by min 100mm and sealed with double sided tape. Joints and fixings sealed with Butyl tape. NBS reference P10/310A.

Terrain Fuse HDPE 110mm diameter rainwater pipe, wrapped with 40mm Rockwool Techwrap 2 and Techtube reinforced aluminium foil covered mineral wool insulation. R10/450 & P10/250B.

SFS framing to specialist design

140mm Rockwool Flexi tightly packed between SFS studs. NBS reference P10/250B.

12mm plywood. NBS reference K11/415.

50

Existing buttress to be retained

Slab edge set 50mm from existing building. Neatly fill gap with fire rated expansion joint (visible face black) Position the expansion joint by the slab (100mm below FFL) to avoid clash with existing stone banding

SHS column to SE details

E

1

E

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	22/04/2020	SS	SS	Updated following VE
First Issue	22/04/2020	SS	SS	

CLIENT
University of Manchester

PROJECT
Manchester Museum Courtyard

DRAWING TITLE
6137-PUR-MMC-XX-DR-A-0444
Plan detail curtain wall and doors to Coupland Street exit

SIZE & SCALE
1:5 @ A1

DRAWING STATUS Issued for Approval

JOB NUMBER 237010

DRAWING NO. 444

REVISION B

PURCELL

St James', 79 Oxford Street, Manchester, M1 6FQ

© PURCELL 2012. PURCELL ® IS THE TRADING NAME OF PURCELL MILLER TRITTON LLP