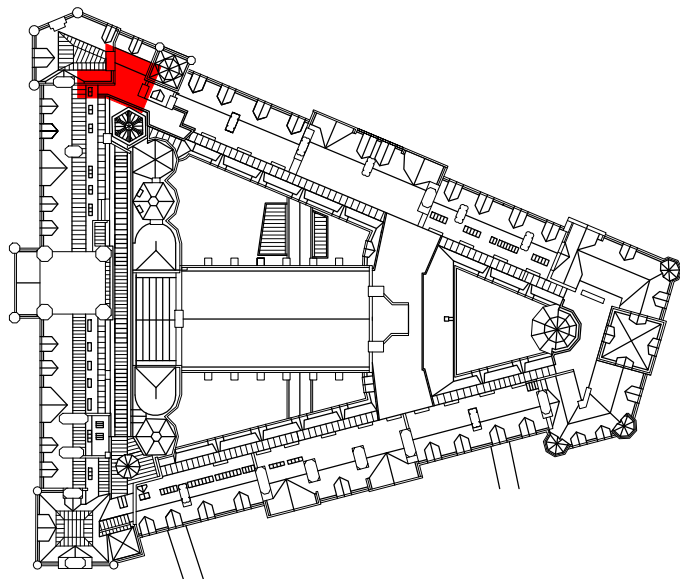


Scale Bars to be used as guidance only - refer to sheet size below									
1:100	mm	1000	3000	5000	7000				
1:200	mm	5000	8000	10000	12000				
1:500	M	5	15	25	35				
1:1250	M	10	30	50	70	90			

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.

Key Plan



-	07/03/2024	GR	JRC	First issue
ISSUE	DATE	APPROVED	DRAWN	DESCRIPTION



OUR
TOWN
HALL
PROJECT



Project Office, Room 308, Town Hall, MANCHESTER M60 2L1
+44 (0) 7970 097 432
www.purcelluk.com

PROJECT STATUS RIBA Stage 5

CLIENT Manchester City Council

PROJECT Our Town Hall

DRAWING TITLE Princess Street Extension
3d view of steel frame and
SFS infill framing

SIZE & SCALE A2: As indicated

DRAWING STATUS S4 Construction

JOB NUMBER 236959

DRAWING NO. OTH-PUR-TH-RF-DWG-A-7454 -
REV

© PURCELL 2019. PURCELL ® IS THE TRADING NAME OF PURCELL ARCHITECTURE LTD.

Key

- 40 x 40 x 40mm Zed bar
- 40 x 40mm steel angle fixed to zed bar to fix Glasroc X sheathing board
- 45 x 45mm steel angle to fix brick tie to
- 2 No. layers of 15mm Gyproc FireLine board and 1 No. layer of 19mm Gyproc core board fixed to underside of zed bars

Fixings:

Base Track Fixed to Concrete:
Fixed with 6mm diameter concrete screws at maxium 600mm centres. Fixings should be close to the centre of the Metsec track but minimum 50mm away from the concrete slab edge.

Slotted Head Track Fixed to Concrete:
Fixed with 6 mm diameter concrete screws at maximum 600mm centres. Fixings should be close to the centre of the Metsec track but minimum 50mm away from the concrete slab edge.

Base/Head Track Fixed to Steel:
Fixed with 5.5mm diameter tek screws at maximum 600mm centres. Fixings should be close to the centre of the Metsec track but minimum 20mm away from the steel flange edge.

Z-Bar Fixed to Steel:
Fixed with 5.5mm diameter tek screws with 2 No. fixings to each zed bar.

Angles Fixed to Steel:
Fixed with 5.5mm diameter tek screws with 2 No. fixings to each angle section.

Angles Fixed to Z-Bar:
Fixed with 5.5mm diameter tek screws with 2 No. fixings to each angle section.

Slotted Head track Fixed to Z-Bar:
Fixed with 5.5mm diameter tek screws with 1 no. fixing connecting the Metsec head track to each zed bar. Fixing should be close to the centre of the Metsec track.

Slotted Head Track to Slotted Head Track:
200mm length of Metsec stud central at head track joint. Fixed with 5.5 mm diameter tek screws - 2 No. fixings to each flange between slots and 1 No. fixing to web.

Stud Fixed to Base Track:
5.5mm diameter tek screws, 1 No. to each flange for infill walling

Deflection Head - Stud Fixed to Metsec Slotted Track:
Fixed with 1 No. 5.5mm diameter tek screw to each flange. Fixing to be located centrally in the vertical slot level with the fixing mark line.

Nogging Fixed to Stud:
Metsec 40VB11 bracing on both sides. Fixed with 5.5mm diameter tek screws, 1 No. to every stud, 3 No. to every nogging piece.

Cill Fixed to Jamb Stud
Minimum 150 mm long Metsec section fixed with 4 No. 5.5mm diameter tek screws to jamb stud. Metsec track fixed to stud with 2 No. 5.5mm diameter tek screws to each flange of stud.

Lintel Fixed to Jamb Stud
Minimum 150 mm long Metsec section fixed with 4 No. 5.5mm diameter tek screws to jamb stud. Metsec track fixed to stud with 2 No. 5.5mm diameter tek screws to each flange of stud.

SCALE BAR
1 to 25

