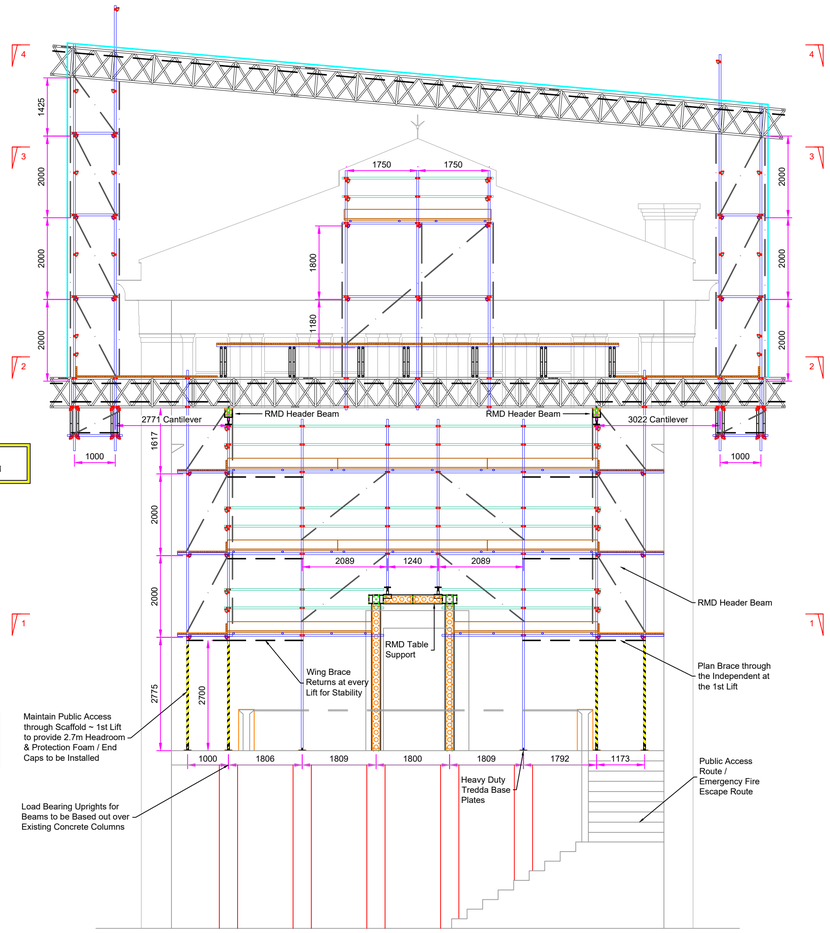



SECTION B-B

REDUCED HEADROOM

2.7m

SCAFFOLD MUST MAINTAIN - 2.7m - HEADROOM BETWEEN 1ST FLOOR LEVEL AND 1ST LIFT OF THE SCAFFOLD

Maintain Public Access through Scaffold ~ 1st Lift to provide 2.7m Headroom & Protection Foam / End Caps to be Installed

## RESIDUAL RISKS

THE FOLLOWING RESIDUAL RISKS ARE HAVE BEEN IDENTIFIED IN THE DESIGN PROCESS AND ARE SPECIFIED ON THIS DRAWING BY THE SUBSEQUENTIAL HAZARD NUMBERS

1. ENTER TEXT HERE
2. ENTER TEXT HERE
3. ENTER TEXT HERE
4. ENTER TEXT HERE

FOR FURTHER INFORMATION PLEASE REFER TO SECTION 3 OF ACCOMPANYING CALCULATION DOCUMENT 5823-01-01-001.

NOTES:
This drawing is confidential and is the exclusive property of RDG Engineering (TW) Ltd. No unauthorised use, copy or disclosure is to be made and is to be returned upon request.

The customer should check that we have correctly interpreted his / her requirements and that all loadings, dimensions, details, erection and striking sequences, etc, are correct and practicable.

The customer is to ensure that the ground, structure and / or base provided for our scaffold is adequate to support the loads applied without settlement, including the provision for any necessary spreaders.

Drawing Notes:
READ ALL NOTES ON DRAWING.

ALL bracing / restraints are to be installed as per drawing.

All design and erection of scaffolds are to conform with the following British Standards and Codes Of Practices where applicable:

- BS EN 39:2001 Loose steel tubes for tube and coupler scaffolds - Technical delivery conditions
- BS 2482:2009 Specification for timber scaffold boards
- BS 5975:2019 Code of practice for temporary works procedures and the permissible stress design of falsework
- BS EN 12811-1:2003 Temporary works equipment - Part 1: Scaffolds - Performance requirements and general design
- BS EN 12812:2008 Falsework - Performance Requirements and General Design
- BS EN 1991-1-1:2002 Eurocode 1: Actions on Structure - Part 1-1: General Actions - Densities, Self-weight, Imposed Loads for Buildings
- BS EN 1991-1-3:2003 Eurocode 1: Actions on Structure - Part 1-3: General Actions - Snow Actions
- BS EN 1991-1-4:2005 Eurocode 1: Actions on Structure - Part 1-4: General Actions - Wind Actions
- BS EN 1993-1-1:2005 Eurocode 3: Design of steel structures - Part 1-1: General rules and rules for buildings
- TG20:21 Design Guide - Technical Guidance on the use of BS EN 12811-1
- TG04:19 Anchorage Systems
- SG04:22 Preventing Falls in Scaffolding
- SG25:20 Access and Egress from Scaffolds
- CG06:20 Scaffold Design

LOAD BEARING COUPLERS MUST BE USED ON ALL TIE RELATED COMPONENTS UNLESS OTHER WISE SHOWN / STATED

Unless stated otherwise genuine products / components are to be used to ensure that structural performance can be guaranteed.

No alteration in or which may effect the loading is to be made without reference to RDG Engineering Design Office.

Dimensions:
All dimensions are in mm and centre to centre unless otherwise stated.
Written dimensions will take precedence over scaled dimensions.

## PRELIMINARY DRAWING

THIS DRAWING HAS BEEN PRODUCED AS A **CONCEPT ONLY** AND THEREFORE AS STRUCTURAL CALCULATIONS PROGRESS, THE FOLLOWING MAY CHANGE ON THE APPROVAL PACKAGE:

1. BEAM TYPE AND/ OR DEPTH
2. BEAM SPACING
3. CONNECTION DETAILS
4. TIE TYPE AND/ OR SPACING

NOT FOR CONSTRUCTION

| ISSUE | DATE | DESCRIPTION OF ISSUE | DRN | ENG | CHECKED | APPROVED |
|---|---|---|---|---|---|---|
| S1 | 17/04/23 | Issued For Information | SLL | ENG | CKD | APP |

CLIENT

ROBERTSON

RDG
ENGINEERING (TW) LTD
Unit 5, Old Marsh Farm Barns, Old Marsh Farm Road,
Sealand, Flintshire. CH5 2LY. tel: 01244 281 106
e-mail: design@rdgengineering.co.uk

PROJECT
Manchester Art Gallery
Mosley Street, M2 3JL

DRAWING TITLE
Internal Atrium Access, Protection Deck & Cantilevered External Access supporting Temporary Roof (Section Views)

CLIENT'S DRAWING REFERENCE
9518 (01) - 004, 006 & 010

| SCALE | RDG ENGINEERING DRG No. | ISSUE |
|---|---|---|
| 1:75 A1 | 5823-01-01-02-002 | S1 |

THIS DRAWING AND THE INFORMATION CONTAINED IS CONFIDENTIAL AND IS THE PROPERTY OF RDG ENGINEERING (TW) LTD. IT IS ISSUED ON THE CONDITION THAT IT SHALL NOT BE REPRODUCED COPIED OR PASSED TO THIRD PARTIES WITHOUT THE WRITTEN APPROVAL OF RDG ENGINEERING (TW) LTD.