



Loading
Dead Load:
Steel open mesh flooring = 1.0kN/m²
Balustrade = 0.5kN/m²

Imposed Load:
A5 Domestic Balconies = 2.5kN/m²
Wind to Eurocode EN 1991-1-4.

ALL EXISTING BUILDING GEOMETRY,
INCLUDING LOCATION OF OPENINGS
SHOWN INDICATIVELY AND ARE TO BE
CHECKED ON SITE.

- MECHANICAL FIXING NOTES:**
1. MECHANICAL FIXINGS TO BE OF THE EXACT SPECIFICATION AND AS GIVEN IN THE STRUCTURAL DRAWINGS UNLESS A CHANGE IS DISCUSSED WITH THE ENGINEER PRIOR TO COMMENCEMENT.
 2. MECHANICAL FIXINGS TO BE LOCATED WITHIN WHOLE BRICK CENTRES.
 3. DIMENSIONS FOR FIXING SPACINGS GIVEN IN THE DRAWINGS ARE TO BE OBEYED AS CLOSELY AS POSSIBLE, HOWEVER ALL DIMENSIONS MUST BE CHECKED ONSITE TO ENSURE FIXINGS ARE LOCATED AT WHOLE BRICK CENTRES.
 4. INSTALLATION OF MECHANICAL FIXINGS AND RESIN TO BE DONE BY COMPETENT AND TRAINED PERSONNEL. MANUFACTURERS REQUIREMENTS/METHODS FOR INSTALLATION SHOULD BE FOLLOWED AS OUTLINED BY THEM.
 5. LOABEARING FIXINGS TO SATISFY ANY EDGE DISTANCES AS OUTLINED BY THE MANUFACTURER.

NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

CDM - RESIDUAL HAZARDS The following are considered to be significant risks relevant to this drawing, which could not be fully mitigated or removed through design:

GENERAL NOTES:

1. DO NOT SCALE THIS DRAWING OR MODEL. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE. ANY DISCREPANCIES ARE TO BE RECORDED AND REPORTED TO THE ENGINEERS IMMEDIATELY.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DISCIPLINE DRAWINGS/SPECIFICATION IF APPLICABLE.
3. ALL WORK IS TO BE TO THE SATISFACTION OF THE ENGINEER AND LOCAL AUTHORITY BUILDING CONTROL.
4. THE CONTRACTOR IS RESPONSIBLE FOR AND MUST TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THE STABILITY OF THE WORKS AT ALL TIMES DURING CONSTRUCTION.
5. ALL WORKMANSHIP AND MATERIALS ARE TO BE TO CURRENT BRITISH STANDARDS OR EUROCODES. ALL CONSTRUCTION PRODUCTS AND STRUCTURAL STEELWORK SHOULD BE CE MARKED IN ACCORDANCE WITH CURRENT LEGISLATION.
6. ANY SERVICES ARE TO BE LOCATED AND PROTECTED AS NECESSARY BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF THE WORKS.
7. THIS DRAWING HAS BEEN DEVELOPED USING BASIC PDF ELEVATIONS PROVIDED BY THE CLIENT. ALL EXISTING STRUCTURE DIMENSIONS AND OPENING LOCATIONS ARE TO BE CONFIRMED ON SITE BY OTHERS PRIOR COMMENCING CONSTRUCTION WORKS.

- PRIMARY STEELWORK NOTES:**
1. ALL ELEMENTS OF THE STRUCTURAL STEELWORK SHOULD MEET THE REQUIREMENTS OF THE BCSA NATIONAL STRUCTURAL STEELWORK SPECIFICATION FOR BUILDING CONSTRUCTION, CE MARKING VERSION. ANY DISCREPANCIES SHOULD BE REPORTED. WHERE DISCREPANCIES OCCUR THE MOST ONEROUS CONDITION SHOULD BE ASSUMED TO APPLY.
 2. FABRICATION DRAWINGS WILL NEED TO BE PROVIDED FOR ALL HOT ROLLED ELEMENTS 7 DAYS BEFORE REQUIREMENT FOR COMMENT.
 3. THE PROJECT SHOULD BE FABRICATED IN ACCORDANCE WITH EXECUTION CLASS EXC3 AND THE FOLLOWING:

CONSEQUENCE CLASS – CC1
SERVICE CATEGORY – SC1
PRODUCTION CATEGORY - PC2

4. ALL STEELWORK INCLUDING CONNECTIONS TO BE APPROPRIATELY PREPARED AND HOT DIP GALVANIZED TO BS EN ISO 1461:2009, AT A MINIMUM THICKNESS OF 85µm.
5. STEEL SECTIONS SHALL BE OF GRADE S355-J2.
6. STEEL FOR CONNECTIONS AND FITTINGS SHALL BE GRADE S275. THE MINIMUM THICKNESS SHALL BE 10MM.
7. ALL HOLLOW SECTIONS SHALL BE HOT FORMED AND NOT COLD FORMED UNLESS AGREED WITH STRUCTURAL ENGINEER OR NOTED ON DRAWINGS.

- STEEL CONNECTION DESIGN:**
1. PRIMARY STEELWORK CONNECTION DESIGN WILL BE THE RESPONSIBILITY OF THE STEELWORK FABRICATOR BASED ON LOADING INFORMATION TO BE PROVIDED.
 2. ALL BEAM CONNECTIONS TO BE DESIGNED USING FULL DEPTH END PLATES UNLESS SHOWN OTHERWISE ON THE DRAWINGS. FIN PLATES WILL GENERALLY NOT BE USED.

- SECONDARY STEELWORK NOTES:**
1. ANY SECONDARY STEELWORK INCLUDING BALUSTRADE SYSTEM TO BE DESIGNED BY SPECIALIST CONTRACTOR BASED ON LOADS CALCULATED BY THEMSELVES.
 2. SECONDARY STELWORK TO BE ADEQUATELY PREPARED FOR BI-METALLIC CORROSION IF IN DIRECT CONTACT WITH GALVANISED ELEMENTS OR PROVIDED WITH INSULATING BARRIER.
 3. STEEL MESH FLOORING TO BE AS RECOMMENDED ON THE DRAWINGS OR OF A SIMILAR MANUFACTURER DESIGNED PRODUCT. ANY FIXING CLIPS FOR CONNECTION BETWEEN THE MESH FLOOR AND PRIMARY STEEL ELEMENTS TO BE AS THOSE PROVIDED BY THE FLOOR MANUFACTURER.

FOR INFORMATION.
NOT FOR CONSTRUCTION

Proposed Elevation
1 : 50

P01 - Elevation Issue	15.07.22	EJF	ACB
Revision	Date	Dm	Chk
This document references the following files:-			
Reference Name	Status	Revision	
MAN024-PEV-XX-ZZ-M3-S-0001	S0	P01.01	
NW 35263-04		A	

Client
Manchester City Council

Project
Anita Street Balconies

Drawing Title
Proposed Elevation

Suitability Status
S2 - Suitable for Information

Job No.	Scale	Size	Rev
210844	As indicated	@ A1	P01

Drawing Number
MAN024 - PEV - XX - ZZ - DR - S - 2912

Client Code	Originator	Zone	Level	Type	Role	Number
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