BYRAM STREET UNIT 1 & 2 MEZZANINE LEVEL STEEL GA

SCALE 1 : 100

BYRAM STREET UNIT 1 & 2 PLANT LEVEL STEEL GA

SCALE 1 : 100

FIXED PITCH 04 & 05 ROOF LEVEL STEEL GA

SCALE 1 : 100

ALL PROPOSED GRIDLINES TO BE CONFIRMED BY ARCHITECT

ALL STEELWORK SIZES ARE SHOWN INDICATIVE. SUBJECT TO FURTHER DESIGN DEVELOPMENTS

LAYOUT ARE INDICATIVE FOR DESIGN DEVELOPMENT AND COORDINATION PURPOSES ONLY

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH :
1036-SWA-00-GF-DR-S-1102 - GROUND FLOOR STEELWORK GA
1036-SWA-00-01-DR-S-1105 - MEZZANINE FLOOR GA
1036-SWA-00-ZZ-DR-S-1106 - GLAZED ELEVATION SUPPORT GA
1036-SWA-00-ZZ-DR-S-1110 - STRUCTURAL SECTIONS SHEET 1
1036-SWA-00-ZZ-DR-S-1111 - STRUCTURAL SECTIONS SHEET 2
1036-SWA-00-XX-DR-S-1500 - ISOMETRIC VIEWS

ALL MEMBERS AT CANTILEVERS TO BE FULLY FIXED TO PREVENT OVERTURNING AND REDUCE TORSION ON THE BOX SECTIONS.

DEFLECTION HEAD REQUIREMENTS
UNIT 01 - 15mm
UNIT 02 - 15mm

ALL MEMBERS AT CANTILEVERS TO BE FULLY FIXED TO PREVENT OVERTURNING AND REDUCE TORSION ON THE BOX SECTIONS.

STEEL COLUMN SCHEDULE.

MEMBER REF.	MEMBER SIZE
C1	UC152x152x30
C2	CHS168.3x6.3
C3	SHS120x120x8
C6	SHS200x200x8
C7	SHS150x150x6.3

STEEL BEAM SCHEDULE.

MEMBER REF.	MEMBER SIZE
B1	UB203x133x25
B2	RHS 200x150x6.3
B3	UB254x146x31
B4	PFC200x90x30
B12	PFC150x75x18

KEY
- DENOTES SPAN OF FLOORING SYSTEM
- DENOTES COLUMN MOMENT CONNECTION

KEY TO HEALTH AND SAFETY SYMBOLS

- INDICATES A RESIDUAL RISK REQUIRING A COMPULSORY ACTION.
- INDICATES A RESIDUAL RISK FOR INFORMATION.
- INDICATES A RESIDUAL RISK REQUIRING A PROHIBITIVE ACTION.
- INDICATES A RESIDUAL RISK AS A WARNING.

- ALL SETTING OUT DIMENSIONS, LEVELS AND TOP OF STEEL LEVELS TO BE CONFIRMED BY ARCHITECTS
- ALL STEEL CONNECTIONS TO STEEL FABRICATORS DESIGN AND DETAILS. TO BE SUBMITTED TO SWA FOR REVIEW
- STEELWORK FABRICATOR IS TO CONDUCT HIS OWN ON SITE MEASURED / LEVEL SURVEY PRIOR TO THE FABRICATION OF ANY STEELWORK. ANY NOTABLE DIFFERENCES FROM THE STRUCTURAL DRAWINGS ARE TO BE DISCUSSED WITH THE STRUCTURAL ENGINEER.
- ALL TEMPORARY WORKS TO THE CONTRACTORS DESIGN AND DETAILS.

Do not scale from this drawing.
Use written dimensions only.
If in doubt ask.

Notes

GENERAL NOTES
1. DO NOT SCALE FROM THIS DRAWING.
2. ALL DIMENSIONS ARE IN MILIMETERS U.N.O.
3. ALL LEVELS ARE N METRES ABOVE ORDINANCE DATUM U.N.O.
4. THIS DRAWING IS TO BE READ IN CONJUCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
5. ALL BUILDING WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE BUILDING REGULATIONS (LATEST EDITION) AND THE CIVIL STRUCTURAL AND ARCHITECTURAL SPECIFICATIONS.

6.STEELWORK
a) ALL STEELWORK TO BE MILD STEEL GRADE S355 UNLESS STATED OTHERWISE.
b) ALL CONNECTIONS ARE TO BE DESIGNED BY THE STEELWORK FABRICATOR TO THE CONNECTION FORCES ADVISED BY THE STRUCTURAL ENGINEER. ALL CONNECTION FORCES ARE FACTORED.

7. PAINT SPECIFICATION
PROVIDE SHERWIN WILLIAMS SPECIFICATION C3F OR SIMILAR TO ALL STEEL ELEMENTS FOR URBAN ENVIRONMENTS WITH MODERATE SULPHUR DIOXIDE POLLUTION (15-25 YEARS MAINTENANCE PERIOD) OR SIMILAR APPROVED.

SURFACE PREPARATION AND FINISH TO BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS - TYPICALLY STEEL ELEMENTS TO BE BLAST CLEANED TO SA2.5 TO BS EN ISO 8501-1:2007 WITHIN RANGE OF 50-75 MICRONS TYPICAL. APPLY MACROPROXY 400 ZINC PHOSPHATE EPOXY (180 MICRONS EACH) COAT.

Revision	Drawn	Checked	Approved	Modifications
P04	BO 21/07/25	MW 21/07/25	MH 21/07/25	ISSUED FOR STAGE 3 COORDINATION/PRICING. ADDITIONAL LINE OF BEAMS ADDED.
P03	BO 17/07/25	MW 17/07/25	MH 17/07/25	ISSUED FOR STAGE 3 COORDINATION/PRICING. REDRAWN TO REFLECT REVISED SCHEME.
P02	BO 29/02/25	MW 29/02/25	MH 29/02/25	ISSUED FOR STAGE 3 COORDINATION/PRICING. PLANS UPDATED TO REFLECT M&E PLANT LOADING AND REVISED EXTENT OF PLANT
P01	BO 31/01/25	MW 31/01/25	MH 31/01/25	ISSUED FOR STAGE 3 COORDINATION/PRICING.

SANDERSON WATTS ASSOCIATES
Consulting Engineers
Century House 100 Chapel Lane Wigan WN3 4HG
Tel : 01942 491777 Fax : 01942 491333
Email : swa@sandersonwatts.com
Website : www.sandersonwatts.com

Client
Kirklees COUNCIL

Project
HUDDERSFIELD MARKET

Title
OPEN MARKET STALL MEZZANINE AND ROOF STEELWORK GENERAL ARRANGEMENT

Scale	Revision	Status Code	Original Size
As indicated	P04	S1	A1

Drg. No.
1036-SWA-00-01-DR-S-1103

LOCATION PLAN

Copyright Reserved to Sanderson Watts Associates
These plans and specifications are the property of Sanderson Watts Associates, and shall not be re-printed or reproduced, in whole or part, without their written consent, nor shall any building or structure be constructed in accordance with such plans and specifications or any modifications thereof without the written consent of Sanderson Watts Associates.