



SEE CCL DRG FOR GROUND BEARING SLAB BUILDUP

CONTRACTOR TO ALLOW FOR FUTURE CONNECTIONS ALONG GRIDLINE A

ELEVATION ON GL A
1 : 25

CONNECTION FORCES	
STEEL PROFILE	SHEAR FORCES (kN)
UC 152 x 152 x 30	75
UC 203 x 203 x 46	115
UB 203 x 133 x 25	75
UB 254 x 146 x 31	75
UB 356 x 127 x 33	75
PFC 150 x 90 x 24	-
STEEL PROFILE	TENSION FORCES (kN)
CHS 88.9 x 5	75
FLAT 10 x 100	110
ALL CONNECTION FORCES ARE ROUNDED TO THE NEAREST 5kN AND WHERE LESS THAN 75kN, INCREASED TO 75kN	
IN ADDITION TO SHEAR FORCE, LIFTING BEAM ALSO HAS MOMENT OF 20 kNm	

COLUMN SCHEDULE ALL STEEL GRADE S355 U.N.O	
Ref	Type
C1	UC203x203x52
C2	PFC200x90x30
C3	UC152x152x30

BEAM SCHEDULE ALL STEEL GRADE S355 U.N.O	
Ref	Type
B1	UB203x133x25
B2	UB254x146x31
B3	UB356x127x33
B4	UC203x203x46
B5	PFC230x90x32
BR1	CHS88.9x5
VB	10X100 (S275)

CONSTRUCTION DRAWING
THIS DRAWING IS FOR CONSTRUCTION PURPOSES AND MUST NOT BE READ AS AS BUILT INFORMATION

GENERAL NOTES

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL, ENGINEERING DRAWINGS AND SPECIFICATIONS.

DO NOT SCALE OFF THIS DRAWING. ALL DETAILS AND DIMENSIONS ARE TO BE CHECKED BY THE CONTRACTOR/FABRICATOR PRIOR TO COMMENCEMENT OF CONSTRUCTION/FABRICATION. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER.

ALL LEVELS TO BE CONFIRMED.

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.

HEALTH SAFETY AND ENVIRONMENTAL RISKS BOX
CONSTRUCTION RISKS

- 01 BURIED OBSTRUCTIONS, UNDERGROUND VOIDS, UNEXPECTED POOR GROUND CONDITIONS
- 02 LIFTING, LOWERING LOADS - CONTRACTOR TO PRODUCE LIFTING PLANS TO ENSURE SAFE LIFTING AND LOWERING OF LOADS
- 03 COLLAPSE OF INSUFFICIENTLY SUPPORTED SIDES OF EXCAVATION - ANY EXCAVATIONS WHICH ARE NOT BATTERED ARE TO BE TEMPORARILY SUPPORTED - CONTRACTOR DESIGN
- 04 PERSONNEL FALLING INTO OPEN EXCAVATIONS
- 05 PLANT/VEHICLES FALLING INTO OPEN EXCAVATION
- 06 HITTING LIVE SERVICES - REFER TO SURVEY SOLUTIONS SUB-SCAN SURVEY. GROUND TO BE SCANNED PRIOR TO ALL EXCAVATION WORKS.
- 07 FALLING FROM HEIGHT
- 08 NOISE / VIBRATION
- 09 INHALATION OF DUST
- 10 FLAMMABLE EQUIPMENT IN LOCAL AREA. CONTRACTOR TO REVIEW WITH CLIENT PRIOR TO WORKS COMMENCING (ATEX ZONE)

REFER TO CLANCY CONSULTING LTD RISK ASSESSMENT FOR FULL RESIDUAL RISK LIST.

REFER TO CLANCY CONSULTING LTD DRAWING 1050 FOR CONSTRUCTION NOTES.

Rev	Date	Description	By / Check / App
C1	11/10/23	CONSTRUCTION ISSUE	EH CH OM
P5	09/10/23	Full pack issue	JC CH OM
P4	18/09/23	PRELIMINARY	EH CH ..
P3	13/09/23	WIP	EH CH ..
P2	04/09/23	PRELIMINARY WIP	EH CH ..
P1	30/08/23	PRELIMINARY	EH CH ..

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Client	SEP PROFESSIONAL	
Project	BIO PRODUCTS LABORATORY LTD	Project No. 8_2765.1
Discipline	STRUCTURAL	
Title	BUILDING ELEVATIONS SHEET 1	
Scale @ A1	As indicated	Status CONSTRUCTION

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Originator	Job Number	Discipline	Building/Zone
CCL	8_2765.1	S	ALL
Type	Level	Drawing No.	Revision
SEC	ZZ	1200	C1