

This drawing has been prepared for the sole benefit of the client named below. The liability of Momentum, its directors and employees in respect to this information will not extend to any other project.

This drawing shall not be reproduced in any form without prior permission being granted.

This drawing is to be read in conjunction with all other relevant contract documents and other consultants information.

Do not scale from this drawing. Responsibility is not accepted for errors made by others when scaling from this drawing.

The dimensional accuracy of the digital data contained within this drawing may not be a true representation of the actual dimensional setting out. Responsibility is not accepted for errors made by others when using digital data from this drawing.

Work only to figured dimensions.

Unless indicated otherwise all levels are in metres and all dimensions are in millimetres. All levels and dimensions should be checked on site by the persons carrying out the work and any discrepancies notified to Momentum before proceeding with relevant works.









Where information on this drawing is not clear  
please contact us.

Ref.	Size	Grade
C1	UC152x152x37	S355
C2	UC203x203x71	S355
C3	UC254x254x89	S355
C4	CHS244.5x12.5	S355
C5	SHS100x100x10	S355

Beam Schedule		
Ref.	Size	Grade
B1	UB203x133x30	S355
B2	UB254x146x31	S355
B3	UB254x146x37	S355
B4	UB254x146x43	S355
B5	UB356x171x51	S355
B6	UB406x140x39	S355
B7	UB406x140x46	S355
B8	UB457x152x60	S355
B9	UB457x191x67	S355
B10	UB457x191x82	S355
B11	UB457x191x98	S355
B12	UC152x152x30	S355
B13	UC254x254x73	S355
B14	UC254x254x89	S355
B15	SHS 120x120x8	S355

Bracing Schedule		
Ref.	Size	Grade
XB	100wd x 10thk Plate	S355

Key

- |   |   |
|---|---|
|      | 200thk hollowcore PCC planks with 50mm structural topping |
|      | 100thk solid PCC planks with 50mm structural topping      |
|      | 50x250 C24 timber joists @ 400crs.                        |
|      | 75x400 Kerto @ 450crs.                                    |
|      | 75x250 Kerto @ 450crs.                                    |
| FTB  | Location of Farrat thermal break plates                   |
| STB  | Location of Schock thermal break                          |
| MJ   | Horizontal movement joint with horizontal slotted holes   |

**NOT FOR CONSTRUCTION**

1	12.02.19	J.Pugh
0	30.01.19	J.Pugh
Rev	Date	By

Work Stage - ACE / (RIBA)  
**Stage 3**

---

Reason For Issue  
**FOR INFORMATION**

---

Project Title  
**Lisvane Reservoir**

Client

---

Architect

---

**Feilden Clegg Bradley**

---

Drawing Title

**GA Plan**

**First Floor Level**

Scale at A3	Drawn	Checked
As indicated	JM	JG

**MOMENTUM**  
structural engineers

90 Walcot Street | 103 The Timber Yard  
Bath BA1 5BG | London N1 6ND  
01225 444194 | 020 7739 6939  
**[www.momentumengineering.com](http://www.momentumengineering.com)**

Drawing Reference  
3710 103 1

