



NOTES

- DO NOT SCALE THIS DRAWING.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS, ARCHITECTS, AND SERVICE'S ENGINEERS DRAWINGS & SPECIFICATIONS.
- ALL DIMENSIONS ARE IN MILLIMETRES (mm).
- WORK TO FIGURED DIMENSIONS ONLY. ANY DISCREPANCIES TO BE REPORTED TO GD PARTNERSHIP FOR CLARIFICATION. IF IN DOUBT ASK.
- ALL WORK TO COMPLY WITH THE RELEVANT BRITISH STANDARDS, CODES OF PRACTICE AND THE BUILDING REGULATIONS.
- ALL CONCRETE WORK IS TO BE IN ACCORDANCE WITH GD PARTNERSHIP SPECIFICATIONS AND NBS SECTION E.
- IT IS ESSENTIAL THAT A REPLACEMENT TO OPC SUCH AS GGBFS IS UTILISED IN THE DESIGN MIX IN ACCORDANCE WITH BS 8500.
- RELEVANT CONCRETE DESIGN MIX:
 - SLABS, BEAMS, COLUMNS AND WALLS: C32/40
 - COLUMNS: C40/50

KEY

EXISTING STRUCTURE

REINFORCEMENT ALLOWANCE FOR RC FRAME ELEMENTS	
RC WALLS (GENERALLY)	200kg/m ³
RC COLUMNS	325kg/m ³
RC BEAMS	325kg/m ³
RC SLABS	250kg/m ³

STRUCTURAL WALL KEY

STRUCTURAL WALLS 300mm THICK RC WALLS	
STRUCTURAL WALLS 250mm THICK RC WALLS	

P01	02.02.23	MM / RD	ISSUED FOR INFORMATION - WIP
Rev.	Date	By / Chk'd	Revision Notes

Client:

REEF GROUP

GD Partnership Ltd. **GDP**
Consulting Engineers
The Cart Lodge, Lullingstone Lane, Eynsford, Kent, DA40H2
Tel: 01322 868622 Fax: 01322 861050
Email: contact@gdteam.co.uk

Project:

Tribeca - Plot C

Drawing:

Basement Mezzanine

Drawing Status:

PRELIMINARY

Scale: As indicated	at A1	GDP Reference 21-131
Drawn: MM	Checked: YG/RD	Date: Oct. 2022
Project No. TRI	Rev. P01	
Originator: GDP	Zone: PC	Level: ZZ
Type: SK	Role: S	Number: 3095

CONTRACTOR PROGRAM RISK:
THE INSTRUCTE REPORT PREPARED ON DESIGN AND CONSTRUCTION OF A MECHANISED LETTER-SORTING OFFICE, THE STRUCTURAL ENGINEER/VOLUME 63A/NO. 41/APRIL 1985, DESCRIBED THE COMPLICATIONS DURING THE BUILDING WORKS DUE TO EXISTING GRANARY BUILDING FOUNDATIONS. IT HAS BEEN FOUND FROM SITE TRIAL PITS THAT THE FOUNDATIONS TO THE FORMER GRANARY BUILDING HAD BEEN MADE BY EXCAVATING TO A COMMON LEVEL, APPROXIMATELY 6m BELOW CANAL WATER LEVEL. A HYDRAULIC LIME CONCRETE RAFT, SOME 750mm THICK, HAD THEN BEEN PLACED OVER THE WHOLE 0.8ha BUILDING AREA, ABOVE WHICH THE BASES TO THE CAST IRON COLUMNS HAD BEEN FORMED BY POSITIONING SEVERAL LAYERS OF 225mm THICK MASSIVE SANDSTONE BLOCKS ON A 4.2m GRID. INFILLING ABOVE THE CONCRETE RAFT AND AROUND THE SANDSTONE BLOCKS HAD BEEN CARRIED OUT WITH APPROXIMATELY 1.2m OF CLAY ON WHICH BRICK SETT FLOOR HAD BEEN CONSTRUCTED.