

3. ALL DIMENSIONS ARE IN MILLIMETRES (mm). 4. WORK TO FIGURED DIMENSIONS ONLY. ANY DISCREPANCIES TO BE BE REPORTED TO GD PARTNERSHIP FOR CLARIFICATION. IF IN DOUBT ASK. 5. ALL WORK TO COMPLY WITH THE RELEVANT BRITISH STANDARDS, CODES OF PRACTICE AND THE BUILDING REGULATIONS. 6. ALL CONCRETE WORK IS TO BE IN ACCORDANCE WITH GD PARTNERSHIP SPECIFICATIONS AND NBS SECTION E. 7. IT IS ESSENTIAL THAT A REPLACEMENT TO OPC SUCH AS GGBFS IS UTILISED IN THE DESIGN MIX IN ACCORDANCE WITH BS 8500. 8. <u>RELEVANT CONCRETE DESIGN MIX:</u>
FOUNDATIONS, PILE CAPS, CAPPING BEAMS, GROUND BEAMS, SLABS, BEAMS AND WALLS INCLUDING RETAINING WALLS: C32/40 COLUMNS: C40/50 9. SULPHATE CLASS DS-3 AND DESIGN CLASSIFICATION OF AC-3. IF LONDON CLAY ARISINGS ARE PROPOSED FOR REUSE BEHIND ANY CONCRETE STRUCTURES THEN THE CLASSIFICATION WILL NEED TO BE INCREASED TO AC-5 AND DS-5. 10. BASEMENT B1 SLAB, BASEMENT B1 LINING WALLS, CAPPING BEAMS TO CONTIGUOUS BASEMENT WALLS, LIFT PITS IN BASEMENT B1, RETAINING WALLS AND EXTERNAL GROUND FLOOR SLABS TO RECEIVE XYPEX C -SERIES ADMIX WATERPROOF CONCRETE & CETCO VOLTEX DS MEMBRANE SYSTEM TO XYPEX SPECIFICATION. TO BE INSTALLED TO MANUFACTURER RECOMMENDATIONS & WARRANTY REQUIREMENTS. 11. ALL REINFORCED FOUNDATIONS AND SLABS TO HAVE 50mm CONCRETE BLINDING UNLESS SITTING ON LEAN MIX CONCRETE. 12. FOR TANKING & WATERPROOFING OF BASEMENT REFER TO DETAILS IN XYPEX / CETCO SPECIFICATION, FOR DAMP PROOF COURSES REFER TO ARCHITECTS DETAILS. 13. FOR UNDERGROUND DRAINAGE REFER TO DRAWING No. 14. FOR THERMAL INSULATION REFER TO KJT INFORMATION FOR PERFORMANCE U-VALUE REQUIREMENTS. EXISTING STRUCTURE REINFORCEMENT ALLOWANCE FOR RC FRAME ELEMENTS RC WALLS (GENERALLY)... 175Kg/m<sup>3</sup> RC COLUMNS... 300Kg/m<sup>3</sup> RC BEAMS.. 325Kg/m<sup>3</sup> RC GROUND FLOOR FLAT SLAB... 275Kg/m<sup>3</sup> RC PILE CAPS.. 200Kg/m<sup>3</sup> RC CAPPING BEAMS. 275Kg/m<sup>3</sup> NOTES: All building elements below ground must be designed and constructed in accordance with the recommendations of BS 8102:2009. Upon completion, all areas of the building must achieve a minimum grade 3 standard as defined in Table 2 (Grades of Waterproofing Protection) of BS8102:2009. The ground waterproofing system should be designed in conjunction with ground drainage. The Contractor must notify the design team at tender stage if there is any requirement to alter the ground drainage in order to meet the ground waterproofing system performance requirements. The Contractor's design should also mitigate for degradation of the drainage and waterproofing system over time. A warranty is required from a single contractor covering the whole waterproofing system including design, material and workmanship for a design life of 60 years and full guarantee period of 15 years. The warranty will be insurance backed and operational from the date of practical completion of the whole project (not individual sections). STRUCTURAL WALL KEY STRUCTURAL CORE WALLS 450mm THICK RC WALLS STRUCTURAL CORE WALLS 325mm THICK RC WALLS STRUCTURAL WALLS 250mm THICK RC WALLS 250mm THICK RC WALLS BETWEEN SLABS AT DIFFERENT LEVELS P04 30.09.22 RJW / PP STAGE 3 ISSUE P03 06.09.22 RJW / PP SLAB LAYOUT AND LEVELS AMENDED, 1No. COLUMN ADDED, SOFT SPOT INDICATED, BEAMS AND WALLS BETWEEN SLABS AT DIFFERENT LEVELS ADDED P02 11.08.22 MM / PP COLUMNS REVISED TO MATCH LATEST ARCHITECT'S LAYOUT. COLUMNS CONCRETE GRADE AMENDED. RC CORE WALLS THICKNESS AMENDED. P01 14.04.22 RJW / RD ISSUED FOR INFORMATION Rev. Date By / Chk'd **Revision Notes REEF**GROUP GD Partnership Ltd. GDP Consulting Engineers The Cart Lodge, Lullingstone Lane, Eynsford, Kent. DA40HZ Tel: 01322 868622 Fax: 01322 861050 Email : contact@gdteam.co.uk **Project: TRIBECA - THE REFLECTOR - Plot B** Drawing **GROUND FLOOR PLAN** Drawing Status: **STAGE 3 - PRELIMINARY** at A1 GDP Reference 20-100 Scale: As indicated Date: Apr. 2022 Drawn: RJW Checked: RD Project No Rev. P04 TRI Originator Zone Level Type Role Number GDP - PB - 00 - DR - S -002000

**NOTES** 

SPECIFICATIONS.

Autodesk Docs://TRIBECA/TRI-GDP-PB-ZZ-M3-S-0001.rvt