GENERAL NOTES

1. DO NOT SCALE FROM DRAWINGS. ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM.ALL DIMENSIONS ARE IN mm (U.N.O.).
2. SETTING-OUT AND LEVELS ON STRUCTURAL DRAWINGS ONLY TO BE USED FOR FABRICATION/CONSTRUCTION IF CONFIRMED BY THE ARCHITECT.
3. DRAWINGS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, SERVICE ENGINEERS AND STRUCTURAL ENGINEERS DRAWINGS AND SPECIFICATIONS AND ANY OTHER WRITTEN INSTRUCTIONS ISSUED BY THE CONTRACT ADMINISTRATOR.
4. SETTING-OUT OF GRIDS AND REFERENCE POINTS TO BE IN ACCORDANCE WITH ARCHITECTS INFORMATION, REPORT ANY DISCREPANCIES PRIOR TO FABRICATION.
5. THE CONTRACTOR SHOULD ALLOW FOR AND CO-ORDINATE WITH APPROPRIATE SUBCONTRACTORS FOR ALL NECESSARY FIXINGS TO STRUCTURE. (EG. CLADDING/ FACADE, CLEANING/ACCESS EQUIPMENT, LIFT EQUIPMENT, MAJOR FITTINGS AND SERVICES/PLANT.
6. DO NOT SCALE FROM THE DRAWINGS. WORK TO FIGURED DIMENSIONS ONLY. ANY DISCREPANCIES IN DIMENSIONS SHALL BE REFERRED TO THE ARCHITECT, CONTRACT ADMINISTRATOR & ENGINEER AND RESOLVED BEFORE ANY WORK COMMENCES.
7. THE CONTRACTOR IS RESPONSIBLE FOR CO-ORDINATING ALL ASPECTS OF THEIR WORK, INCLUDING SUB-CONTRACTORS WORK.
8. THE CONTRACTOR IS TO MAKE THEMSELVES AWARE OF THE IMPLICATIONS OF CHANGES WHICH EITHER THEY OR THE SUB-CONTRACTORS MAKE WITH REGARD TO THE STRUCTURAL INTEGRITY OF THE BUILDING.
9. ALL PROPRIETARY SYSTEMS TO BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. CONTRACTORS MUST SEEK PRIOR APPROVAL IF SEEKING TO USE ALTERNATIVE PRODUCTS TO THOSE SPECIFIED ON DRAWINGS.
10. ALL INSULATION, DPM's and DPC's TO ARCHITECTS DRAWINGS, DETAILS AND SPECIFICATIONS.

TIMBER

1. ALL TIMBER TO BE STRUCTURAL SOFTWOOD GRADED C24 IN ACCORDANCE WITH BS EN 14081, MINIMUM 2 YEARS AIR-DRIED AND DIMENSIONALLY STABLE.
2. ALL STRUCTURAL TIMBER IS TO BE TREATED WITH PRESERVATIVE IN ACCORDANCE WITH BS EN 1995.
3. TIMBER FASTENERS, CONNECTORS ETC. TO BE IN ACCORDANCE WITH THE STANDARDS SET OUT IN BS EN 1995 AND BS 1202-1, SELECTED APPROPRIATE TO MANUFACTURERS' RECOMMENDATIONS AND BOLT ASSEMBLIES.
4. BOLTS TO BE METRIC STEEL BOLTS TO BS EN 14592, STEEL GRADE 4.6 TO BS EN ISO 4016 WITH MILD STEEL NUTS GRADE 4.6 TO BS EN ISO 4034 AND ROUND MILD STEEL WASHERS WITH A MIINIMUM TENSILE STRENGTH OF 400N/mm^2 TO BS EN ISO 7091.
5. NAILS TO BE SQUARE TWISTED SHERADIZED/ GALVANISED IN ACCORDANCE WITH BS EN 14592.
6. WOOD SCREWS TO BE STEEL RECESSED COUNTERSUNK HEAD WOOD SCREWS TO BS EN 14592 WITH A MINIMUM TENSILE STRENGTH OF 540N/mm^2.
7. FIXINGS SECURING TIMBER COMPONENTS TO CONCRETE/ MASONRY SUBSTRATES TO BE STAINLESS STEEL UNLESS OTHERWISE APPROVED.

CONCRETE

1. ALL CONCRETE TO BE IN ACCORDANCE WITH BS EN 206 AND BS8500:2019. AGGREGATES FOR CONCRETE TO BS EN 12620.
2. MASS CONCRETE TO BE GEN3.
3. THE USE OF GROUND GRANULATED BLAST FURNACE SLAG OR PULVERISED FUEL ASH AS PART REPLACEMENT FOR ORDINARY PORTLAND CEMENT IS ENCOURAGED, THE CONTRACTOR IS ENCOURAGED TO PROPOSE ANY MORE SUSTAINABLE ALTERNATIVES TO THE PROPOSED SPECIFICATION FOR REVIEW BY THE ENGINEER. CHANGES TO THE SPECIFICATION MAY ONLY BE MADE WITH THE PRIOR AGREEMENT OF THE ENGINEER. A MINIMUM OF 3 WORKING DAYS MUST BE AFFORDED FOR THE ENGINEER TO REVIEW AND AGREE PROPOSALS.
4. IF ANY CAST IN FIXINGS FOR BRICKWORK AND BLOCKWORK THE CONTRACTOR SHOULD TAKE COGNISANCE OF THE MASONRY COURSING REQUIREMENTS.

STEELWORK

1. ALL STEELWORK DETAILING, FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH THE LATEST ISSUE OF BS EN 1993 INCLUDING ALL THE LATEST AMENDMENTS.
2. ALL STEELWORK SECTIONS TO BE GRADE S355 TO BS EN 10025-1 UNLESS NOTED OTHERWISE. THE SUB-CLASS OF THE STEEL IS TO BE DETERMINED BY THE FABRICATOR AND AGREED WITH MANN WILLIAMS BEFORE PLACING ANY ORDERS FOR MATERIALS.
3. ALL STEEL PLATES TO BE GRADE S275.
4. THE FABRICATOR SHALL BE RESPONSIBLE FOR THE DESIGN AND PROPER FIT OF ALL CONNECTIONS TO ANY EXISTING STRUCTURAL ELEMENTS.
5. MANN WILLIAMS DO NOT APPROVE THIRD PARTY FABRICATION DRAWINGS & SPECIFICATION OR WORKS, DRAWINGS MUST BE PROVIDED FOR REVIEW AND COMMENT (WHERE APPLICABLE) PRIOR TO ANY FABRICATION. THE DESIGN RESPONSIBILITY REMAINS WITH THE STEELWORK FABRICATOR.
6. WELD TESTS ARE REQUIRED FOR ALL SITE/SHOP WELDS AND SHALL BE CARRIED OUT IN ACCORDANCE WITH THE NSSS.
7. SITE WELDING OR SITE CUTTING OF STEELWORK WILL ONLY BE ALLOWED WITH THE EXPRESS APPROVAL OF THE ENGINEER. IMPORTANT SITE WELDED CONNECTIONS SHOULD BE SUBJECT TO ULTRA -SONIC WELD TESTING.
8. THE FABRICATOR SHALL CO-ORDINATE THEIR WORK WITH ALL OTHER TRADES.
9. ALL FILLET WELDS TO BE CONTINUOUS FULL LENGTH 6mm LEG LENGTH UNLESS NOTED OTHERWISE.
10. GROUT BENEATH ALL STEEL BEAM BEARINGS, STEEL BASEPLATE OR PRECAST ELEMENTS TO BE CONBEXTRA GP CEMENTITOUS GROUT BY FOSROC OR SIMILAR APPROVED WITH MINIMUM COMPRESSIVE STRENGTH OF 60N/mm2.
11. ALL HOT ROLLED STEEL TO BE BLAST CLEANED TO SA2½ AND COATED WITH 25 MICRONS (DFT) EPOXY ZINC PHOSPHATE PRE-FABRICATION PRIMER AND 75 MICRONS (DFT) HIGH BUILD ZINC PHOSPHATE POST-FABRICATION PRIMER. ALL DAMAGED STEEL TO BE MADE GOOD TO THE ENGINEERS SATISFACTION. FINISHING COLOUR TO ARCHITECTS SPECIFICATION.
12. THE STEELWORK FABRICATOR MUST ENSURE THAT ALL PAINT PROTECTION SYSTEMS APPLIED BEFORE ANY INTUMESCENT PAINT MUST BE FULLY COMPATIBLE WITH THE INTUMESCENT PAINT. THIS IS APPLICABLE IRRESPECTIVE OF WHO APPLIES THE INTUMESCENT PAINT.
13. ANY SURFACES OF MEMBERS THAT ARE ENCASED IN CONCRETE SHOULD NOT RECEIVE A PAINT PROTECTION SYSTEM. ALL STEELWORK TO BE CONCRETE ENCASED TO HAVE A MINIMUM THICKNESS OF 50mm CONCRETE SURROUND REINFORCED WITH D49 WRAPPING FABRIC.

NOTES

1. This drawing is copyright and may not be reproduced without the permission of Mann Williams.
2. All drawings are to be read in conjunction with the project specification with all works carried out in accordance with the latest British Standards and codes of practice.
3. Any ambiguities or discrepancies between this drawing and any other information given elsewhere must be reported to Mann Williams for clarification before work proceeds.
4. All dimensions to be checked on site and any discrepancies reported to the engineer before work commences.
5. Only figured or calculated dimensions should be used and no drawing , in any format should be scaled.

CDM RESIDUAL STRUCTURAL AND ENVIRONMENTAL RISKS

1.

In accordance with the Contractors (Design & Management) Regulations 2015, Mann Williams has undertaken a design risk assessment for the elements of work shown on this drawing, residual risks are identified above.

REV	DESCRIPTION	BY	DATE
T1	FOR TENDER	BJ	05.03.26

P-PRELIMINARY T-TENDER CONSTRUCTION

PROJECT

COLEFORD CLOCKTOWER

TITLE

SPECIFICATION NOTES

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DRAWN	CHKD	SIZE	SCALE	DATE
BJ	PR	A3	VARIES	27.02.2026

STATUS

TENDER

PROJECT	DRAWING	REV
11954	010	T1