



DMT

STRUCTURAL ENGINEERING

26 BRYNHFRYD ROAD
NEWPORT, NP20 4FX
TEL: 01677 592066
EMAIL: DAN.DMT@OUTLOOK.COM

Project PROPOSED REMEDIAL WORKS PROPOSED ELEVATIONAL SECTION CHESTER HOUSE, FIELDS PARK ROAD	
Client PK DEVELOPMENTS	

Rev.	By	Date	Description
Drawn DT		Date 28.01.2024	
Project Number 1230245			Scales AS STATED @ A3
			Rev. -
			Drawing Number RM_02

GENERAL NOTES:

- Do not scale from this drawing.
- All dimensions given are in millimetres.
- All levels given are in metres relative to datum.
- All dimensions stated are to be confirmed on site prior to the ordering of materials, or commencement of works. And discrepancies are to be reported to the DMT Structural Engineering Ltd. immediately.

CONCRETE NOTES

- ALL CONCRETE TO BE IN ACCORDANCE WITH BS8500-2:2006.
- BLINDING & MASS CONCRETE TO BE GENT AND MASS CONCRETE TO BE GEN3.
- REINFORCED CONCRETE TO GROUND BEAMS TO BE RC35.
- IN THE ABSENCE OF DETAILED GROUND INFORMATION THE DESIGN SULPHATE AGGRESSIVE CHEMICAL ENVIRONMENT AND DESIGN CHEMICAL CLASS ARE ASSUMED:- AC1, DS1, DC1
- CONCRETE COVER TO ALL REINFORCEMENT TO BE 40MM.(MIN)
- REINFORCEMENT TO COMPLY WITH BS4449, AND ALL REINFORCEMENT INCLUDING MESH TO BE GRADE 500B.
- MAXIMUM AGGREGATE SIZE TO BE 20mm.
- ALL STRUCTURAL CONCRETE TO BE MECHANICALLY VIBRATED.

FOUNDATION NOTES

- MAIN CONTRACTOR TO BE RESPONSIBLE FOR THE STABILITY OF THE EARTHWORKS AT THE SITE AND ADJOINING SITES. ALL NECESSARY PRECAUTIONS MUST BE TAKEN TO SAFEGUARD THIS STABILITY.
- ALL EXISTING FOUNDATIONS/SLABS BENEATH THE FOOTPRINT OF THE PROPOSED BUILDING TO BE BROKEN DOWN AT LEAST 300MM BELOW UNDERSIDE OF NEW FOUNDATIONS AND REPLACED WITH GRANULAR MATERIAL.
- ANY VISUAL /OREFACTORY EVIDENCE OF HYDROCARBON/CONTAMINATED MATERIAL ENCOUNTERED TO BE SUITABLY TESTED AND REMOVED FROM SITE.
- PRIOR TO EXCAVATION CARE MUST BE TAKEN TO LOCATE AND CLEARLY MARK ALL EXISTING SERVICES WHICH MAY REMAIN UNDER THE NEW BUILDING.
- ANY REDUNDANT DRAINAGE BENEATH THE FOOTPRINT TO BE GRUBBED UP AND EXCAVATION REPLACED WITH SUITABLE COMPACTED GRANULAR FILL.
- ALL SOFT SPOTS TO BE REPLACED WITH SUITABLE GRANULAR FILL MATERIAL.
- ALL COMPACTION TO BE CARRIED OUT IN ACCORDANCE WITH DOT SPECIFICATION.
- ALL FOUNDATIONS TO BE CONSTRUCTED IN ACCORDANCE WITH NHBC STANDARDS AND BUILDING REGULATIONS.
- WHERE APPLICABLE FOUNDATIONS TO BE TAKEN DOWN TO UNDERSIDE OF ADJACENT DRAINAGE.
- INFORMATION FROM ARCHITECT TO BE CHECKED AGAINST SETTING OUT DIMS PRIOR TO CONSTRUCTION.
- DESIGN BASED ON ALLOWABLE BEARING PRESSURE OF 150 kN/m²

NOTE:
ALL DRAWINGS ARE BASED ON INFORMATION PROVIDED BY CLIENT

NOTE:
INDICATIVE GROUND LEVEL

F.F.L 0.00M

T.O.UNDERPINNING -0.65M

T.O.PAD FOOTING -1.15M

T.O.CONCRETE -2.30M

PROPOSED ELEVATIONAL SECTION A-A
(SCALE 1:50)