DO NOT SCALE FROM ANY DRAWING

1. This drawing is to be read in conjunction with all relevant engineers and architects drawings and specifications.
2. All dimensions are in millimeters (mm) unless noted otherwise.
3. Any discrepancies between all working drawings, specifications and schedules of all disciplines to be immediately notified to Civic Engineers for clarification/correction prior to construction of relevant structure.
4. All work to comply with the relevant British Standards, Codes of Practice and the Building Regulations.
5. All setting out and levels to architect's details.
6. All visible finishes to architect's details.
7. All proprietary products to be installed strictly in accordance with manufacturer's details and specifications.
8. All waterproofing details by others.
10. It is Contractor's responsibility to develop the construction sequence and methodology, and design and install all temporary works necessary to carry out works safely and efficiently to meet the programme. Submit proposals for comment prior to commencement of the works.

IN SITU RC CONCRETE

1. Reinforced concrete for RC slabs to be designed by a UKAS certified production plant to BS 8500-2 to AC-1 and DS-1 for strength C28/35 suitable for cover 50mm + Δc. Proposed concrete mix and derivation to be submitted to the Engineer for review and comment to allow a week for return of comments.
2. All reinforced concrete structure to be concrete mix RC40 unless noted otherwise.
3. Mass concrete blinding to be concrete mix GEN1.
4. All bar bending to comply with BS 8666.
5. All rebars (Type B) to comply with BS 4449.
6. Reinforcement laps to be 40 x bar diameter minimum.
7. Concrete finishes (to be confirmed by architect):
   - Top of RC deck to have brushed concrete finish
   - All shuttered surfaces to have a basic formed finish
8. Do not place concrete when it risks freezing or overheating.
9. Discharge concrete so as not to cause segregation of ingredients. Fully compact concrete to remove all air.
10. Ready mixed concrete to be obtained from a plant that holds a current certificate of production conformity to NACCB.
11. Surface of concrete at construction joints to be sprayed and brushed whilst green to expose aggregate finish. Surface to be clean and damp when fresh concrete is cast against it.
12. Concrete grades:

• Concrete blinding	Gen 1
• Mass concrete footings	FND 2
• RC concrete deck	RC40

METAL GRATING DECKING

1. Metal grating decking to be designed and supplied by a specialist manufacturer for the following unfactored loads:

Imposed Live Loads:	
Pedestrian Traffic	3.0 kN/m²
Snow Loads:	
Undrifted snow load	0.3 kN/m²

2. Calculations and working details of floors to be submitted to Civic Engineers for comment prior to installation.

STRUCTURAL STEELWORK

1. Refer to the architect's drawings for setting out generally.
2. New steelwork to be grade S355 generally to BS EN 10 025, unless noted otherwise. Material and workmanship to BS5950 Part 2.
3. Prior to fabrication the steelwork subcontractor is to submit the following:
   - Calculations for all major connections. Connections to be designed for the loadings provided by Civic Engineers.
   - General arrangement drawings, elevations and details where appropriate with individual steel members identified clearly
4. All externally exposed steelwork to be hot dip galvanised to BS EN ISO 1461:1999 to give a minimum dry film thickness of 85 microns.
5. All external exposed bolts to be sherardized to BS7371-8 to give a minimum dry film thickness of 30 microns (Class S1).
6. Minimum 4 No. M16 Grade 8.8 bolts per steelwork connection unless noted otherwise.
7. Welds to be minimum 6mm continuous fillet welds, unless noted otherwise.
8. Fire protection to steelwork to architect's details.
9. Allow for steel shims for tolerance to all steelwork connections.
10. Additional 15% by weight of steelwork to allow for fixings, stiffeners, angles/plates to support slabs and masonry walls, and additional steelwork that may be required following coordination of the design.
11. No site welding permitted.

EXISTING STRUCTURE

1. Allow for making good any damage to roads and pavements adjacent to the site during works.
2. Any hard spots (obstructions) and soft spots beneath new slab/foundation to be dug out and filled with compacted granular fill, allow for 4m^3 of fill. Hard spots to be broken down to a minimum of 150mm below base of new slab/foundation.

UNDERGROUND DRAINAGE

1. Before starting work the contractor is to check invert levels and positions of existing drain runs and manholes against information shown on the drawings and report any discrepancies to the Engineer.
2. All drainage to be installed strictly in accordance with the manufacturer's specifications.
3. Refer to drawing 1096-01-DR-002 for further drainage notes.

GROUNDWORKS

1. Excavate, handle and dispose of material in a safe manner, in accordance with current legislation and as directed by the relevant Authorities.
2. Allow for carry out contamination tests necessary in order to clasify the material for handling and disposal purposes. When requested, submit copies of the contamination tests to the C.A.
3. Compacted granular fill shall be clean, as-dug natural ballast or hoggin having a grading such that it may be satisfactorily compacted for the proposed use.
4. Compacted sub-base shall be granular sub-base material Type 1 or 2 as described in Section 3 of the department of Transport Specification for Highway Works.
5. When compacting works are carried out spread material in layers not exceeding 225mm thick and as soon as possible thereafter compact each layer using plant methods suitable to the type of material.

Standard Notes

1. This drawing is to be read in conjunction with all relevant Architect's and Engineer's drawings and the specification.
2. This drawing should not be scaled.
3. All dimensions are to be verified by the contractor on site.
4. All discrepancies should be reported to the C.A. prior to the commencement of the works.

Location Plan

Notes and Keys

NOT FOR CONSTRUCTION

Date	Rev	Description	Drawn	Chkd
04.03.19	T01	Issued for tender	CY	GA

Civic Engineers
MANCHESTER Carver's Warehouse, 77 Dale Street, Manchester, M1 2HG, Tel: 0161 238 6751
LONDON Reeds Wharf, 33 Mill Street, London SE1 2AX, Tel: 020 7253 2977
LEEDS Tower Works, Unit 02-03, Globe Road, Leeds, LS11 5QG, Tel: 0113 2025 130
GLASGOW Grantham Chambers, 45 West Nile St, Glasgow, G1 2PT, Tel: 0141 370 1629
www.civicengineers.com

Project
Gloucester Gate
Regents Park, London

Title
General Notes

Status
TENDER

Scale @ A1	Date Created	Drawn	Checked
As Shown	Feb 19	CY	GA

Project Number	Originator	Discipline	Drawing Number	Revision
1096/01	CIVIC	S	(GA)100	T01