



Foundations shown on this drawing are designed for a ground bearing capacity of 100kN/m<sup>2</sup>. If ground condition is found to be less than this capacity, foundations design to be amended by suitably qualified Structural Engineer.

Indicative service lines taken from the survey information sourced by MacNiven Quays Ltd are shown on the general site plan extract opposite. Other services may exist in the area of ground concerned. All ground to be scanned for existing services prior to excavation. Specific attention is drawn to the indicative storm and foul sewer lines.

Top of all foundations to be as per section.

Strip footings to be central under walls and 600mm wide.

Steps in foundations to be in accordance with AD A<sub>2</sub><sup>1</sup> Section 1E of the Building Regs.

Concrete mix for foundations to be grade FND2 to BS8500:2006

Allowance must be made for the ingress of water during excavation. Excavation to be kept clear of water.

Wherever possible, foundations should be cast the same day they are excavated.

Foundations to be cast as a single cast for the full depth of concrete.

All foundations to be taken down a minimum of 300m below any root growth.

All dimensions are in millimetres unless noted otherwise.

Contractor to take and check all dimensions on site. Any discrepancies to be advised to Architect and Engineer.

The main contractor has sole responsibility to ensure that they identify, eliminate or mitigate to acceptable levels, any risks associated with these construction works.

Typical (but not an exhaustive list) risks in such work will be:-

Protection of Sub-terranean services

Protection of the public highway

Protection and stability of deep foundations

Protection of the general public and office / retail unit occupants in the vicinity during and after construction works

## TYPICAL SECTION THROUGH PROPOSED FOUNDATION - SEE PLAN 1914-505

SCALE - 1=20 @A1

Rev.	Date	Details	Drawn	Checked
Issued for:				
			PLANNING	
Project/Client:	Project No:			
17 - 23 HIGH STREET RUISLIP	1914			
MACNIVEN QUAYS LTD	Dwg No:	Rev:		
	506			
	Scale:			
	1/100@A3			
Drawing:				
GROUNDWORKS	Drawn By:	Date:		
PLANNING IMPLEMENTATION	CPL	31.08.21		
FOUNDATION SECTION	Checked By:	Date:		
	CPL	31.08.21		

**CPL ARCHITECTURE**

CHRIS LITTLEMORE BA(Hons) BArch MSc RIBA  
CHARTERED ARCHITECT