



1. DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY, IF IN DOUBT ASK.
2. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS AND ARCHITECTS DRAWINGS AND SPECIFICATIONS.

 DENOTES SPAN DIRECTION OF 150mm DEEP P.C.C. FLOOR PLANKS TO SPECIALIST DESIGN.

 DENOTES SPAN DIRECTION OF PRECAST CONCRETE STAIR FLIGHTS AND HALF/FLAT LANDINGS TO SPECIALIST DESIGN. LANDINGS ARE WALL/BEAM BEARING.

 DENOTES EXTERNAL CAVITY WALLS
 100mm BLOCK INNER LEAF + 10.4N GROUND FLOOR
 7.3N FIRST FLOOR 7.3N SECOND FLOOR CONC BLOCK
 AND CONCRETE BLOCKS 120mm CAVITY
 102.5mm BRICK UPPER LEAF TO ARCHITECT
 (REFER TO ARCH DRAWINGS AND SPECIFICATION)

 DENOTES INTERNAL LOAD BEARING WALLS
 100mm BLOCK LEAF + 10.4N GROUND FLOOR
 7.3N FIRST FLOOR 7.3N SECOND FLOOR AND
 CONCRETE BLOCKS

 DENOTES LOCATION OF NON LOAD BEARING BLOCK PARTITION WALLS + 5 **KN/M** MAXIMUM LEAF THICKNESS

 DENOTES 10.4N/mm² 140mm BLOCK LIFT SHAFT WALLS

 DENOTES 215mm LOAD BEARING SLEEPER WALL

 DENOTES LIGHTWEIGHT PARTITION WALL

 DENOTES FORMATION LEVEL. TAKEN TO 150mm IN THE UNDERLYING LOCAL CLAY STRATA.

DEAD LOAD	
75mm SCREED + INSULATION	- 1.80kN/m ²
SELF WEIGHT PK PLANK FLOOR	- 2.80kN/m ² (TBC)
IMPOSED LOAD	
BEDROOMS	- 1.50 kN/m ²
COMMUNAL AREAS/CORRIDORS	- 3.00 kN/m ²
STAIRCASES	- 4.00 kN/m ²
KITCHEN	- 3.00 kN/m ²
LAUNDRY	- 5.00 kN/m ²
EXTERNAL STORE	- 5.00 kN/m ²
PARTITIONS (LIGHT WEIGHT)	- 1.20kN/m RUN
BLOCK PARTITIONS	- 5.40kN/m RUN
PLANT ROOM	- 7.5kN/m ²

1. FOUNDATIONS DESIGNED TO LIMIT BEARING PRESSURE TO $<90\text{ kN/m}^2$.
2. CONCRETE GRADE OF FOUNDATIONS TO BE FND-32.
3. FOUNDATIONS TO EXTEND MINIMUM OF 150mm INTO UNDERLYING FIRM TO STIFF LONDON CLAY.

NJP UK
NJP Consulting Engineers Limited
20 St Andrews Crescent
Cardiff CF10 3DD

Tel: 029 2072 9500
Email: info@njpuk.com
Web: www.njpuk.com