

PLAN AT GROUND FLOOR LEVEL

SHOWING SUPPORTING CONSTRUCTION IN FULL
 Ground floor to be 150mm thk proprietary pre-cast concrete beam and infill block floor designed and supplied by Specialist Manufacturer. Span direction thus on plan:

GROUND FLOOR CONSTRUCTION NOTES

UNLESS NOTED OTHERWISE:-

- Ground floor to be proprietary suspended pre-cast beam and infill block floor.
 Direction of span indicated thus on plan:
- Proprietary floor to be designed, detailed and supplied by Specialist Manufacturer. All structural concrete design shall comply with BS 8110 OR EC2. The Manufacturer is responsible for supplying all design information for statutory approval e.g. Building Regulations and for review by the project team.
- Grouting of units shall be in accordance with Manufacturer's specification and details.
- Air bricks to ventilate under floor voids shall not be located under precast floor beam bearings.
- For insulated slab finishes, DPM and DPC details, refer to Architect's drawings.
- For the location of non-loadbearing partitions, refer to Architect's drawings.
- The Manufacturer is to design the floor to accommodate all service holes and penetrations.

CHARACTERISTIC FLOOR LOADINGS

Ground floor to be designed by Specialist Manufacturer to support the following characteristic loadings in addition to to self-weight of the floor

	DWELLINGS
SUPERIMPOSED	= 1.50kN/m ²
FLOOR FINISHES	= 1.80
TOTAL	= 3.30kN/m²

Non-loadbearing partitions to Architect's drawings, shown thus on plan:-

Allow = 1.20kN/m.run

Self weight of floor as determined by precast Manufacturer.

SUBSTRUCTURE LOADBEARING MASONRY NOTES

UNLESS NOTED OTHERWISE:-

300THK EXTERNAL SUB-STRUCTURE CAVITY WALLS

OUTER LEAF = 100 Facing brickwork to Architect's spec
 20N/mm² min compressive strength

INNER LEAF = 150 solid concrete blockwork
 7.3N/mm² min compressive strength
 Blocks to be 440lg x 100thk x 215dp format

210THK INTERNAL SUB-STRUCTURE LOADBEARING WALL

Comprising 2No leaves of 100thk solid concrete blockwork, 7.3N/mm² min compressive strength. Blocks to be 440lg x 100thk x 215dp format.

210thk Sub-structure walls constructed as collar jointed walls

100THK INTERNAL SUB-STRUCTURE LOADBEARING WALL

Comprising 1No leaf of 100thk solid concrete blockwork, 7.3N/mm² min compressive strength. Blocks to be 440lg x 100thk x 215dp format.


MORTAR MIXES

Mortar mix below DPC = Mortar Class/Designation M6/(ii)

WALL TIES

Wall ties to be stainless steel safety type, having a minimum embedment of 50mm at a maximum staggered spacing of 900mm horizontal and 450mm vertical centres.

Rev	Date	Description	By



85A Whiting Street, Bury St Edmunds, Suffolk IP33 1NX
 t 01284 761444 e eng@morrish.co.uk
 www.morrish.co.uk

Project
**SIVA KENNELS,
 KENTON ROAD,
 MONK SOHAM**

Title
**GENERAL ARRANGEMENT
 OF GROUND FLOOR**

Drawn CF	Checked NP
Scale 1:50 @ A1	Date NOVEMBER 2022

Drawing No H357-S-02	Rev
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