

PC BEAM & BLOCK FLOOR

GENERAL NOTES

1. Precast beam and block to the ground floor to have prestressed concrete T type beams 150mm deep. Manufacturer to be Contractor's choice and beams to be Agreement Certified.

2. Design imposed floor loading to be 5.0 kN/m² uniformly distributed load and 3.6 kN point load. The dead load shall be determined specifically for floor finishes shown on the relevant architects drawings.

3. The precast prestressed concrete floor beams shall be designed in accordance with BS 8110: part 1 or BS EN 1992-1-1:2014 Eurocode 2.

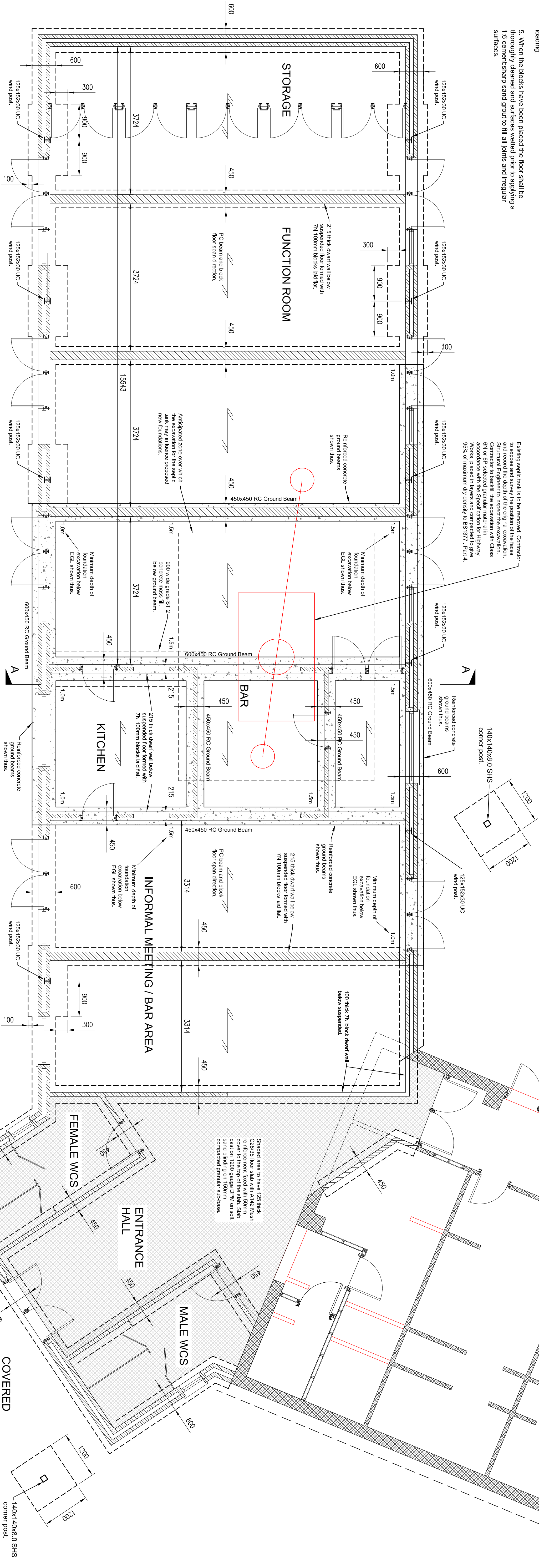
4. Standard precast concrete infill blocks to BS EN 771-3, size 400x215x100mm. Strength class to be selected by the manufacturer to suit the proposed use and design loading.

5. When the blocks have been placed the floor shall be thoroughly cleaned and surfaces wetted prior to applying a 1:6 cement:sharp sand grout to fill all joints and irregular surfaces.
1. Grade 28/35 concrete to BS 5500-1:2002 with minimum cement content of 425 kg/m³ and maximum free water to cement ratio of 0.55.

2. Maximum aggregate size 20mm.

3. Test cubes shall be taken for testing to verify that 35 N/mm² strength has been achieved. The concrete supplier shall provide concrete cube test results for every batch of concrete delivered to site.

4. All concrete shall be placed, compacted using vibrating pickers in accordance with BS 5400-2:1990. Strength class to be selected by the manufacturer to suit the proposed use and design loading. BS8110.



PROPOSED FOUNDATION PLAN
Scale 1:50

NOTE
Foundation arrangements are provisional only, subject to confirmation when trial pits are excavated by the Contractor, for inspection by the Structural Engineer.

FOUNDATION PLAN

CHEDDAR PARISH PAVILION
SHARPHAM ROAD PLAYING
FIELDS, CHEDDAR

REF.	REVISIONS	DATE
B	-	-
A	-	-
-	ISSUE FOR COMMENT	05/09/19

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SCALE:	DRAWN	CHECKED	APPROVED
AS SHOWN @ A1	KMB	DCB	Sgt 19