





SUBFLOOR BLOCKWORK LAYOUT  
1 : 50

All New Masonry To Be Medium Dense 7.3N/mm² Blockwork U.N.O.

SUB FLOOR BLOCKWORK WIDTHS	
	140 Blockwork
	100-87-100 Blockwork
	100-131-100 Blockwork
	100-150-100 Blockwork

MASONRY (all in accordance with BS EN 1996-1-1)

a. All masonry units to be Category 1 to BS EN 771-1 to 6, Group 1 to BS EN 1996-1-1 and to be laid under Execution Control Class 2 to BS EN 1996-2 unless noted otherwise.

b. All brickwork below ground to be designation F2 as required by BS EN 771-1

c. Concrete blocks for use below DPC to comply with BS EN 771-3 and have a characteristic compressive strength not less than 7N/sq mm.

d. Concrete blocks above DPC to have a minimum characteristic strength 7.0N/sq mm unless noted otherwise.

e. Facing bricks to be minimum class 3 to BS EN 1996-1-1.

f. Mortar to be prescribed mix M12 below DPC, in any parapets and chimneys, below any sills and copings, all other situations to use prescribed mix M4, refer to BS EN 1996-1-1 and BS EN 998-2.

g. All mortar below DPC to suit sulphate class ACEC Class **AC-1, DS-1** in accordance with Table A2 to BS EN 1996-1-1.

h. No retardants or additives to be added to the mortar mix without the written permission of the Engineer.

i. All frogs to be facing up and fully filled. All joints to be fully filled.

j. For limitations on height of masonry to be built per day and other safe construction lift procedures refer to PD 6697.

k. Cavity ties to be at 900mm centers horizontally x 450mm centers vertically and at a minimum of 225mm from all openings and joints, etc unless noted otherwise in accordance with the recommendations in BS EN 1996-2. Ties to also be staggered at 450mm c/c with a min. embedment of 50mm and of suitable strength to meet the proposed construction lift.

l. All chases and holes to be agreed by the Engineer prior to construction in accordance with the requirements of NA to BS EN 1996-1-1 Tables NA-11 & 12.

m. Metal fixings (including metal wall ties, frame cramps, screws, bolts, etc.) in contact with outer leaf of or within the cavity of external cavity walls to be in accordance with BS EN 845-1 and fabricated in stainless steel grade 304.

n. All walls to have 30x5mm GMS horizontal restraint straps at maximum 2.0m centers at floor, ceiling and roof verge levels. Straps not required where timber joists or precast concrete beam and block or plank floor units are built into walls minimum 90mm.

o. All movement joints shall be full height, full thickness and reflected in the applied finishes unless shown otherwise. Joints to generally be at no more than 6.0m centers (3.0m from a fixed return) in block work and 12.0m centers (6.0m from a fixed return) in brickwork. Joint filler to architect's specification.

p. Internal walls abutting external walls are generally used for stability of the external walls under lateral loading. Contractor to consider temporary propping to external walls if internal walls are to be constructed at a later date. For future reference, no internal walls shall be removed without the written permission of the Engineer.

DESIGNERS CDM NOTES ON RESIDUAL RISKS

THE SAFETY, HEALTH AND ENVIRONMENTAL ISSUES NOTED BELOW ARE IN ADDITION TO THE NORMAL HAZARDS AND RISKS FACED BY A COMPETENT CONTRACTOR WHEN DEALING WITH THE TYPE OF WORKS DETAILED ON THIS DRAWING.



CONSTRUCTION HAZARDS AND RISKS  
•None relevant to this drawing

MAINTENANCE/ CLEANING HAZARDS AND RISKS  
•None relevant to this drawing

DEMOLITION HAZARDS AND RISKS  
•None relevant to this drawing

GENERAL NOTES

1. This drawing is to be read in conjunction with all relevant Architect's / Engineer's drawings, specifications and CDM documentation.
2. This drawings has been produced electronically and may have been photo reduced or enlarged when copied. Work to figured dimensions only. DO NOT SCALE. All dimensions to be checked on site. Any errors or omissions to be reported to the engineer immediately.
3. All dimensions are in millimeters and levels in meters except where shown otherwise.
4. Where proprietary products are specified these may be substituted by an equivalent product subject to approval by the Engineer. All products are to be installed strictly in accordance with the manufacturer's recommendations.
5. Before commencing construction the Contractor is to ascertain the position and depth of private and utility services and other plant or equipment on and adjacent to the site and report any conflicts with proposed works to the Engineer.
6. All work and materials not specified shall be in accordance with the (NHBC Standards' technical requirements and guidance (ISBN 0907257 series).
7. All construction products to have CE Marking in accordance with the relevant European Technical Standards in force at the time.
8. This drawing is copyright and shall not be copied in whole or in part without written permission of SWJ Consulting.
9. Until technical approval has been obtained from the relevant Authorities it should be understood that all drawings issued are preliminary and NOT for construction. Should the contractor start site work prior to approval been given, it is entirely at his own risk.
- 10.Should there be any discrepancies between details indicated on this drawing and those indicated on other drawings the Engineer should be informed PRIOR to construction on site.

1 First Issue For Comment		04/09/25		MB	
REV		REVISION DETAILS		DATE	
CLIENT		ORIGINATOR		DRAWN BY	
					
PROJECT		TITLE			
West Witney Sports Ground Sports And Social Club		Subfloor Blockwork Layout			
SCALE		DRAWN		CHECKED	APPROVED
As indicated @A1		MB		MJB	JRS
PROJECT	ORIGINATOR	ZONE	LEVEL	TYPE	ROLE
04725	SWJ	SC	XX	DR	S
JOB NO.	PURPOSE OF ISSUE			STATUS:	REVISION:
04725	FOR COMMENT			S3	T1