

100mm BRICKWORK
 100mm BLOCKWORK U.N.O
 215mm REQUIRED IN SOME LOCATIONS TO SUPPORT BEAM AND BLOCK FROM BOTH SIDES.

MASONRY NOTES

- BRICKWORK AND BLOCKWORK LAID BELOW DPC TO BE LAID IN TYPE (i) MORTAR.
- BRICKWORK AND BLOCKWORK LAID BELOW DPC TO BE SUITABLE FOR USE IN THAT SITUATION.

NOTES

- DO NOT SCALE.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED. THE CONTRACTOR IS TO CHECK THAT ALL DIMENSIONS ARE IN ACCORDANCE WITH CURRENT ARCHITECT'S DRAWING BEFORE COMMENCING WORK OR ORDERING ANY MATERIALS.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
- ANY DISCREPANCIES FOUND ON THIS DRAWING OR ANY OTHER RELEVANT INFORMATION ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER AS SOON AS THEY ARE DISCOVERED.
- ALL CONSTRUCTION TO BE TO RELEVANT BRITISH STANDARDS, NHBC STANDARDS AND IN ACCORDANCE WITH CURRENT BUILDING REGULATIONS.

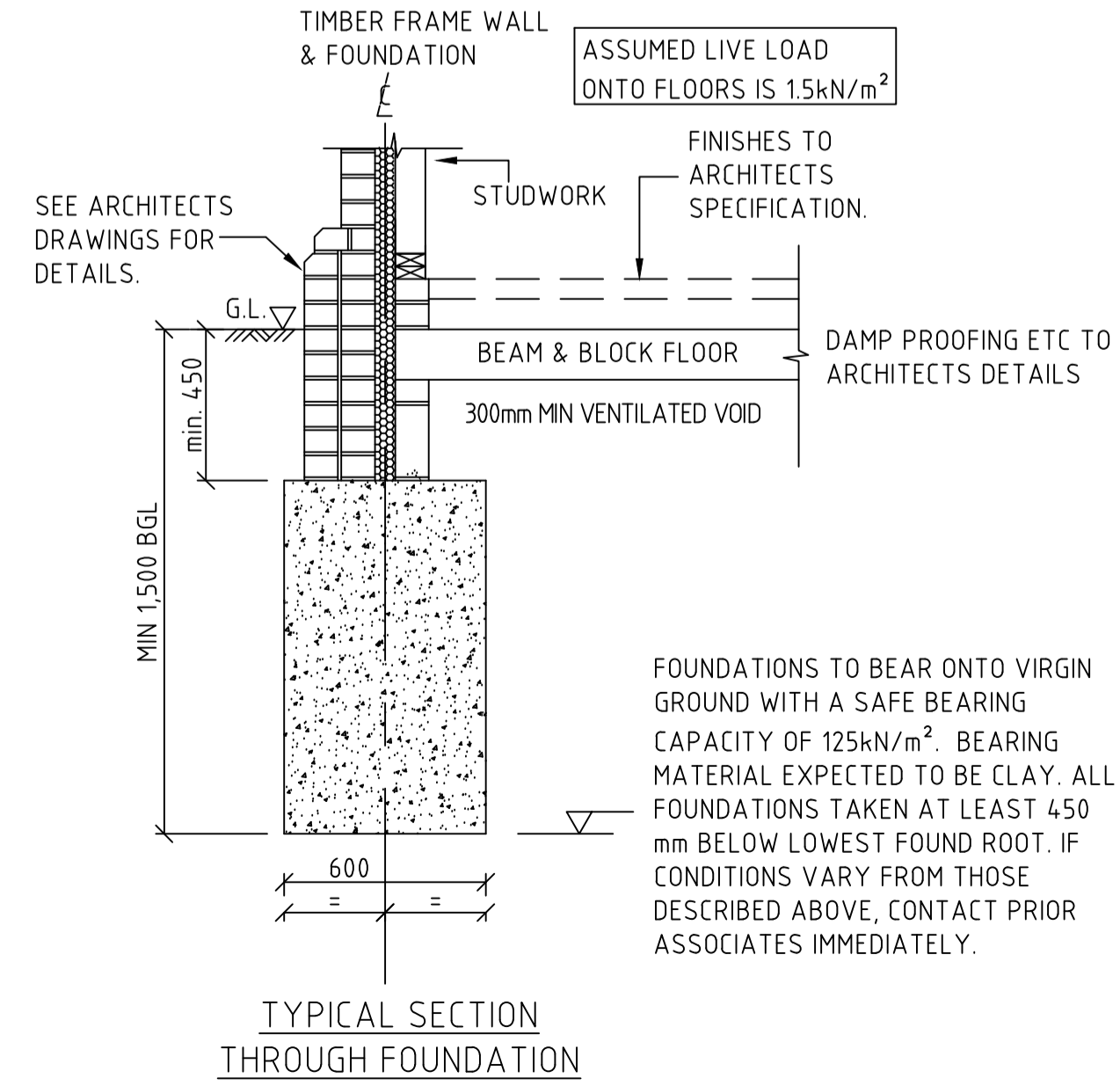
CONCRETE SPECIFICATION

CONCRETE/USES MIX	DESIGNED MIX					BRITISH STANDARDS DESIGNATED MIXES TO B.S. 5328
	GRADE	AGG SIZE	MIN CEMENT	MAX FREE WATER/CEMENT RATIO	SLUMP	
FOUNDATION CONCRETE. CAVITY FILL TO WALLS.	C20	20	220	0.7	100	OPC GEN 3 75mm SLUMP

NOTES

- ALL CONCRETE, AGGREGATES, CEMENT, WATER, ADMIXTURES ETC. TO COMPLY WITH BRITISH STANDARDS AND N.H.B.C. STANDARDS - CHAPTER 21
- CEMENT REPLACEMENT IS PERMITTED BUT MUST BE CLEARLY SHOWN IN THE QUOTATION, AND SHOULD, UNLESS OTHERWISE AGREED, BE WITHIN THE FOLLOWING CRITERIA :-
 - OPC WITH MINIMUM 70% AND MAXIMUM 90% SLAG, BY WEIGHT
 - OPC WITH MINIMUM 25% AND MAXIMUM 40% PFA, BY WEIGHT
 - PORTLAND BLASTFURNACE CEMENT IN LIEU OF OPC
- APPROVED ADMIXTURES ARE ALLOWED PROVIDED NOTE 1, IS COMPLIED WITH
- NO WATER MAY BE ADDED ON SITE
- SPECIAL MIXES MAY BE REQUIRED ON HAZARDOUS SITES. THESE WILL BE DEFINED AS NECESSARY

DEPTH OF FOUNDATION AGREED WITH CLIENT TO ACCOMMODATE SOME PROPOSED PLANTING NEARBY. ANY PROPOSED PLANTING SHOULD NOT REQUIRE FOUNDATIONS TO BE DEEPENED TO GREATER THAN 1.5m IN ACCORDANCE WITH THE GUIDELINES GIVEN IN NHBC STANDARDS CHP.4.2



FOUNDATIONS TO BEAR ONTO VIRGIN GROUND WITH A SAFE BEARING CAPACITY OF 125kN/m². BEARING MATERIAL EXPECTED TO BE CLAY. ALL FOUNDATIONS TAKEN AT LEAST 450mm BELOW LOWEST FOUND ROOT. IF CONDITIONS VARY FROM THOSE DESCRIBED ABOVE, CONTACT PRIOR ASSOCIATES IMMEDIATELY.

NOTE:
 OVERALL EXTERNAL WALL THICKNESS (AT TOF LEVEL) TAKEN AS 375mm. TO INCLUDE 100mm BLOCK, 60mm CAVITY AND 215mm EXTERNAL BRICKWORK. FOUNDATIONS TO SIT DIRECTLY UNDER CENTRELINE OF CAVITY U.N.O. PADS LOCATED CENTRALLY UNDER POINT LOADS U.N.O.

FOUNDATION LAYOUT

C	04/10/19	ML	DETAIL AMENDED TO SHOW BRICK UNDER SOLEPLATE
B	30/09/19	ML	SECTION UPDATED TO MATCH PROPOSED PLINTH DETAIL. POSITION OF FOUNDATIONS ADJUSTED TO SUIT.
A	24/09/19	ML	SETTING OUT REVIEWED AND AMENDED AGAINST LATEST DRAWING. BLOCKWORK SUB-STRUCTURE SHOWN TO SUPPORT BEAM AND BLOCK FLOOR.

Client	MR MATT CANNON		
Project	SCHOOL LANE, UPWARE ROAD, UPWARE		
Section	GROUND FLOOR SUB-STRUCTURE AND FOUNDATIONS		
Designed	ML	Drawn	CC
Date	SEPTEMBER 2019	Scale	1:50 1:20
		Checked	ML
		Rev	C
		Drawing No	14.401-01

PRIOR ASSOCIATES
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