SUBSTRUCTURE MASONRY STRENGTHS LEGEND ALL SUBSTRUCTURE BLOCKWORK TO BE 7N/mm2 by site basis. Beam & Block infill blocks to be 3.5N/mm2 NOTE: Where infill blocks to beam and block floor are built into adjacent walls, the infill block is to be the same strength and density as the wall blockwork.

SUBSTRUCTURE KEY ◆ DD1 Direct Drain Connection (No.1).

SVP1 Soil Vent Pipe (No.1).

Telescopic Air Vents To Ventilate Sub Floor Void.

Air Bricks positioned at 2m max. Centres.

NOT TO BE POSITIONED BELOW DOOR THRESHOLD (Door Position Indicated By Dashed Lines).

DOOR THRESHOLD

Thick dashed line denotes ACO 'HEX Drain Brickslot' hidden drainage channel across width of door opening Refer to Civil Engineers design and Architects details.

Thin dashed line indicates extent of secondary DPC stepped up to accommodate level threshold to front door.

Foundations width and depth to be confirmed by Engineers drawings on an individual site

RWP positions to be finalised on Architects drawings on an individual site by site basis

Meter positions to be finalised on Architects drawings on an individual site by site basis

SUBSTRUCTURE LAYOUT

SCALE 1:50

11352 <u>225</u> Span of 150mm Span of 150mm JET FLOOR JET FLOOR 215 Cycle Store Span of 150mm Span of 150mm JET FLOOR Span of 150mm Span of 150mm JET FLOOR JET FLOOR RWP-665 Electric Span of 150mm JET FLOOR LIFT LV Store Span of 150mm JET FLOOR JET FLOOR JET FLOOR JET FLOOR \<u>215</u> Water Tank Span of 150mm JET FLOOR 1125 4490 553 | <u>\113</u>

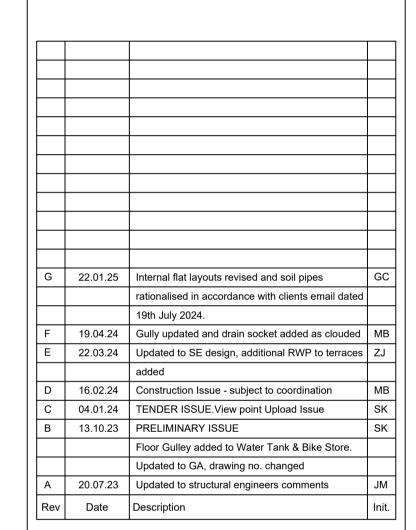
All dimensions to be checked on site prior to the commencement of construction and any discrepancy should be reported to the Site

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Sub-Contractors MUST ensure that they have the latest issue drawing before they commence work on site.

This drawing is to be read in conjunction with all relevant Specifications, schedules and Engineers details.





Brooklands College Weybridge

Block C Plots: 34-55 Substructure Layout

Scale 1:50 @ A1 June 2023 SK

SA00394-0240-A-FTC-SUB