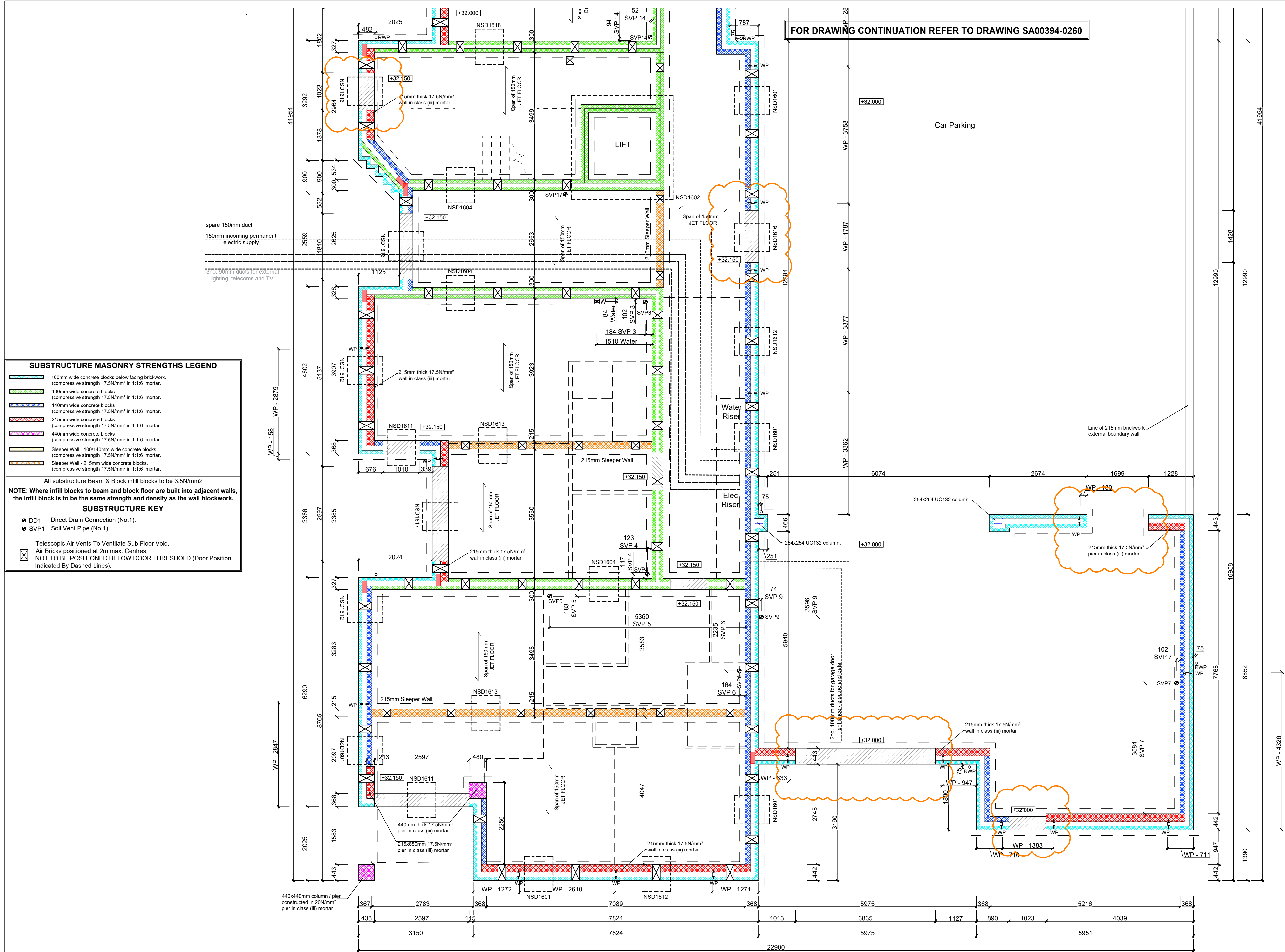




SUBSTRUCTURE MASONRY STRENGTHS LEGEND

- 100mm wide concrete blocks below facing brickwork, (compressive strength 17.5N/mm² in 1:1:6 mortar).
- 100mm wide concrete blocks (compressive strength 17.5N/mm² in 1:1:6 mortar).
- 140mm wide concrete blocks (compressive strength 17.5N/mm² in 1:1:6 mortar).
- 215mm wide concrete blocks (compressive strength 17.5N/mm² in 1:1:6 mortar).
- 440mm wide concrete blocks (compressive strength 17.5N/mm² in 1:1:6 mortar).
- Sleeper Wall - 100/140mm wide concrete blocks, (compressive strength 17.5N/mm² in 1:1:6 mortar).
- Sleeper Wall - 215mm wide concrete blocks, (compressive strength 17.5N/mm² in 1:1:6 mortar).

All substructure 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).

SUBSTRUCTURE LAYOUT
SCALE 1:50

FOR DRAWING CONTINUATION REFER TO DRAWING SA00394-0260

Notes

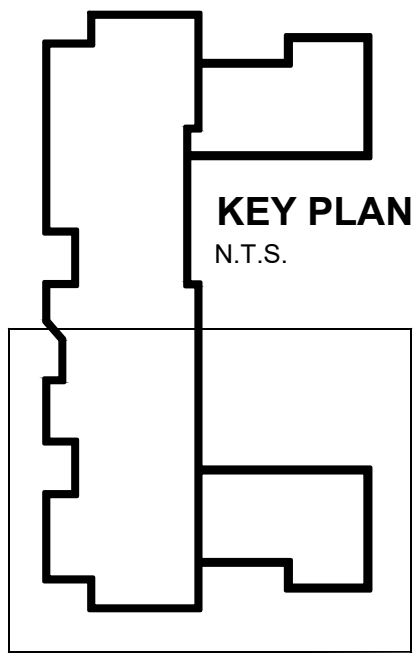
All dimensions to be checked on site prior to the commencement of construction and any discrepancy should be reported to the Site Manager.

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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.



K	07.05.25	Openings updated as clouded to client comments. cant brickwork omitted & updated, wind posts added to S/E mark-ups and dimensions generally updated to brick dims.	MB	
J	09.04.25	Risers updated, gate feed added	ZJ	
I	04.04.25	B&B removed from covered car park area, setting out adjusted as circled, sub floor vents added as circled	ZJ	
H	07.03.25	Addition of block thickness legend & hatches. Substructure detail ref's added.	DF	
		Incoming services added in accordance with Utility site plan. Finished floor levels added.		
		Air brick review.		
G	22.01.25	Lift shaft structural opening adjusted (1850x1850). Internal flat layouts revised and soil pipes rationalised. Sleeper walls added inline with B&B design	DF/ZJ	
F	19.04.24	Drain socket added as clouded	MB	
E	22.03.24	Structural engineers information added.	GC	
D	16.02.24	Construction Issue. Structural coordination in abeyance	ZJ	
B	04.01.24	TENDER ISSUE	JM	
A	20.10.23	PRELIMINARY ISSUE	SK	
Rev	Date	Description	Init.	



Job title

Brooklands College
Weybridge

Drawing title

Block D
Plots: 56 - 74
Substructure Layout
Sheet 2

Scale	1:50 @ A1	Date	June 2023
Rev.	K	Drawn	JM
Dwg No.	SA00394-0261-A-FTD-SUB		