

GENERAL ARRANGEMENT PLANS - WALL LEGEND

Frost resistant quality facing brickwork 20N Brickwork  
Concrete Blocks (compressive strength 3.0N/mm<sup>2</sup> in 1:1.6 mortar (unless noted otherwise) forming 100/140mm wide partitions. Density = 1350-1600Kg/m<sup>3</sup>.  
Concrete Blocks (compressive strength 7.3N/mm<sup>2</sup> in 1:1.6 mortar (unless noted otherwise) forming 100/140mm wide partitions. Density = 1350-1600Kg/m<sup>3</sup>.  
Concrete Blocks (compressive strength 10.4N/mm<sup>2</sup> in 1:1.6 mortar (unless noted otherwise) forming 100/140mm wide partitions. Density = 1350-1600Kg/m<sup>3</sup>.  
Concrete Blocks (compressive strength 17.5N/mm<sup>2</sup> in 1:1.6 mortar (unless noted otherwise) forming 100/140mm wide partitions. Density = 1850-2300Kg/m<sup>3</sup>.  
70mm British Gypsum Gyfpane 70S50 'C' stud system, with studs at 600mm centres. 12.5mm Gyproc Soundbloc plasterboard each side with tapered edges, finished as per internal spec. 15mm Moisture-resistant plasterboard to bathroom with studs at 400mm centres.

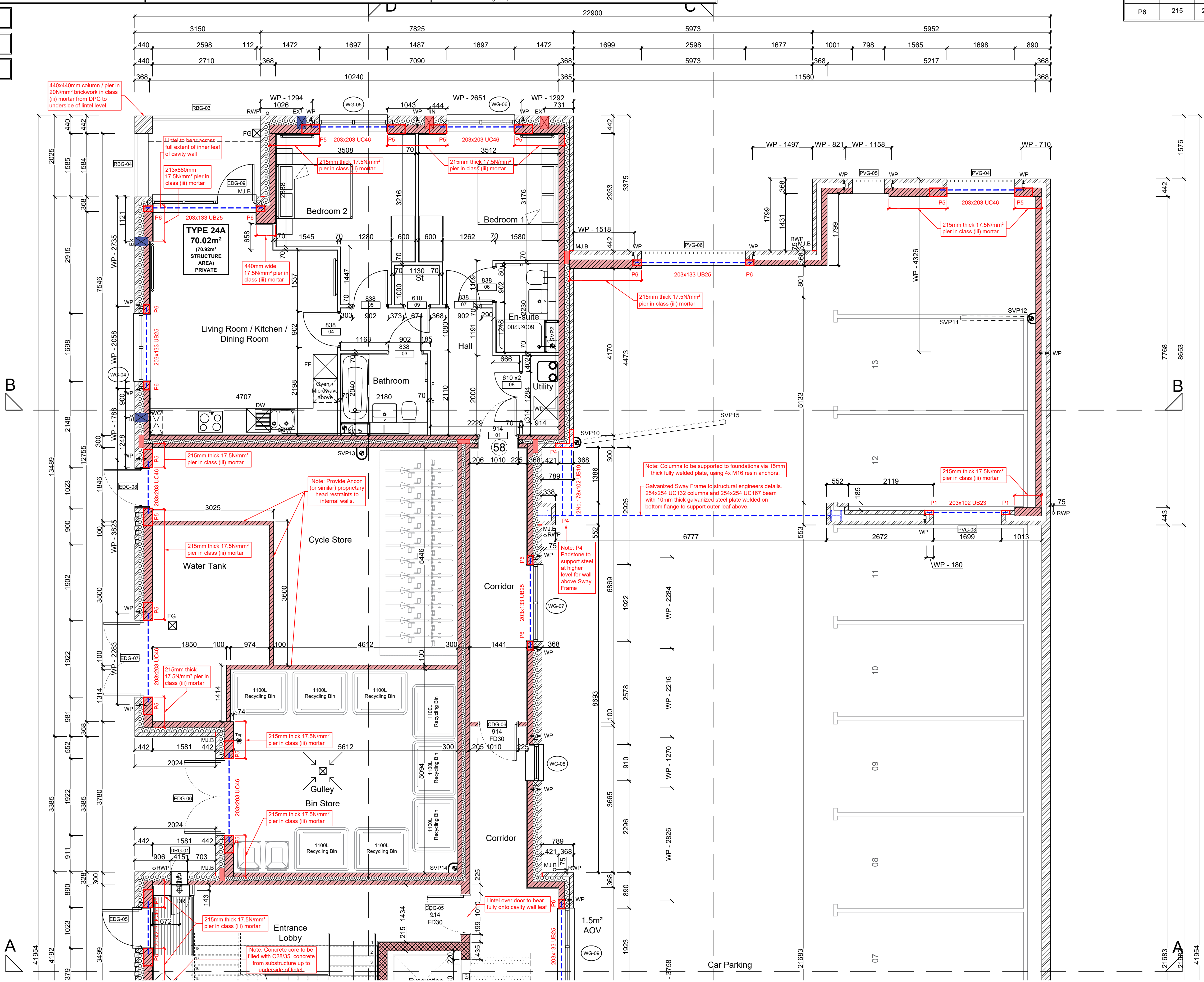
Concrete Blocks laid flat (compressive strength 10.4N/mm<sup>2</sup> in 1:1.6 mortar (unless noted otherwise) forming 215mm wide lift shaft walls. Density = 1350-1600Kg/m<sup>3</sup>.  
Concrete Blocks laid flat (compressive strength 17.5N/mm<sup>2</sup> in 1:1.6 mortar (unless noted otherwise) forming 215mm wide lift shaft walls. Density = 1850-2300Kg/m<sup>3</sup>.  
Knauf Supafix® 34 a glass mineral blowing wool, designed for use in external full-fill masonry cavity walls.  
Full Fill lower RD Party Wall Roll, or similar approved, within cavity (no gaps to remain), strictly in accordance with Robust Detail E-WM-17.

ARC PWCSS cavity stop sock, providing a cavity barrier within the external wall cavity, in line with a separating wall or floor as specified in Approved Document B, and for closing the cavity at eaves level.  
Movement Joints  
Wind Posts (setting out to centre of wind post)  
Structural Steel Beams, in accordance with Structural Engineers design & specifications.  
Girder Truss, in accordance with Roof Manufacturers design & specifications.  
Padstones, in accordance with Structural Engineers design & specifications.  
200x100x10mm thick galvanized steel spreader, in accordance with Structural Engineers design & specifications.

**IMPORTANT NOTE:**  
ALL EXTERNAL WALLS TO INCORPORATE BRICKFORCE SBF30W60 BED-JOINT REINFORCEMENT TO INNER LEAF OF BLOCKWORK 2x COURSES ABOVE & BELOW ALL OPENINGS & TO PROJECT A MIN. 600mm BEYOND OPENING.  
**INTERMITTENT EXTRACT VENTILATION:**  
Kitchen = 30L/S Adjacent hob; Utility = 30L/S; Bathroom = 15L/S; En-Suites = 15L/S; CIK's = 6L/S  
**PURGE VENTILATION:**  
All windows to habitable rooms to open more than 30 deg's. each habitable room to be provided with an operable window(s) with an opening area equal to 1/20th of the rooms floor area.

Refer to relevant flat layouts drawing for M&E layouts  
Refer to 'Alpha' MEP drawings for communal electrics  
**NOTE: Dry Riser's to be designed, installed and tested by specialist.**

Landing and stair units to be supported on solid landing planks  
Corner piers of balconies to be solid brick construction  
Balconies to be precast solid concrete to manufacturers design. Balconies to be two-way spanning, supported on external leaf of cavity wall and balcony masonry piers.



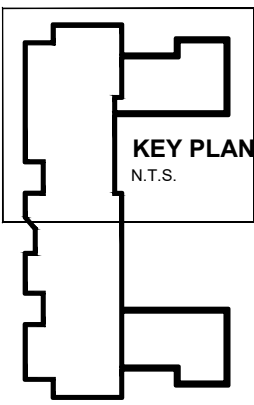
GROUND FLOOR LAYOUT  
SCALE 1:50

FOR DRAWING CONTINUATION REFER TO DRAWING SA00394-0262

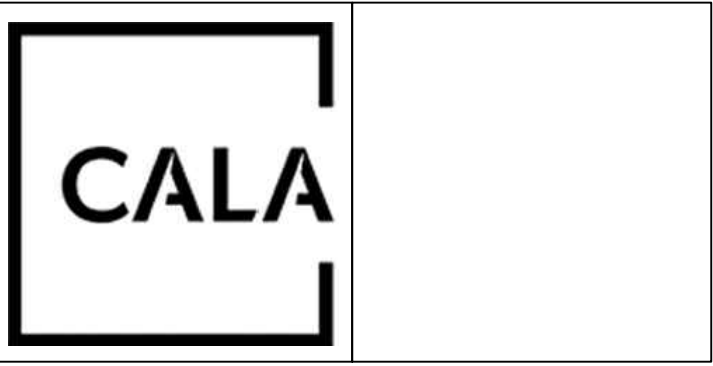
PADSTONE SCHEDULE				
REF	LENGTH	DEPTH	WIDTH	TYPE
P1	215	215	100	Concrete
P2	330	215	100	Concrete
P3	330x330 L Shaped	215	100	Concrete
P4	440	215	100	Concrete
P5	440	215	215	Concrete
P6	215	215	140	Concrete

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.



Rev	Date	Description	Init.
M	17.10.25	Padstones, structural notes highlighted in red. Updated steel lintels, added elec riser hole for services, updated apartment ent. door frame, added dry riser pipe setting out & note, updated ext. wall fire socks.	DF
L	20.08.25	Removed cavity closers to openings in ancillary spaces, removed any internal stud work insulation, added drainage to enclosed balconies, co-ordinated with Structural Engineers drawings.	DF
K	18.07.25	Electrical Info segregated, Added communal electric note, insulation types added to legend, extract vents co-ordinated, fire socks reviewed, structural info co-ordinated, masonry dimensions reviewed, communal doors updated.	DF
J	01.07.25	Updated brickwork around columns. Added Grille opening as client instruction 03.06.25	DF
I	07.05.25	Openings updated as clouded to client comments, cant brickwork omitted & updated, wind posts added to S.E mark-ups, dimensions generally updated to brick dims and LV store removed	MB



Job title  
**Brooklands College Weybridge**

Drawing title  
**Block D  
Plots: 56 - 74  
Ground Floor Plan**

Scale	1:50 @ A1	Date	June 2023
Rev.	M	Drawn	JM
Dwg No.	SA00394-0263-A-FTD-GA		