

GENERAL WALLS - WALL LEGEND

	Frost resistant quality facing brickwork 20N Brickwork
	Concrete Blocks (compressive strength 3.6N/mm ² in 1:1:6 mortar (unless noted otherwise) forming 100/140mm wide partitions. Density = 1350-1600Kg/m ³ .
	Concrete Blocks (compressive strength 7.3N/mm ² in 1:1:6 mortar (unless noted otherwise) forming 100/140mm wide partitions. Density = 1350-1600Kg/m ³ .
	Concrete Blocks (compressive strength 10.4N/mm ² in 1:1:6 mortar (unless noted otherwise) forming 100/140mm wide partitions. Density = 1350-1600Kg/m ³ .
	Class B Engineering Brick (compressive strength 75N/mm ² in 1:1:6 mortar (unless noted otherwise). Density = 2320Kg/m ³ .
	Class A Engineering Brick (compressive strength 125N/mm ² in 1:1:6 mortar (unless noted otherwise). Density = 2200Kg/m ³ .
	70mm Ribbed Gyproc Gyplform 70550 °C° stud system, with studs at 600mm centres. 12.5mm Gyproc Soundbloc plasterboard each side with tapered edges, finished as per internal spec. <u>15mm Moisture-resistant plasterboard to bathroom with studs at 400mm centres.</u>
	70mm Butterswing Wall with 12mm Plj Sheathing as per SD/3022.
	12.5mm Gyproc Soundbloc plasterboard each side with tapered edges, finished as per internal spec. <u>15mm Moisture-resistant plasterboard to bathroom with studs at 400mm centres.</u>
	Knauf Supafix® 3/4 glass mineral blowing wool, designed for use in external full-fill masonry cavity walls.
	Full Fill lower RD Partly Wall Roll, or similar approved, within cavity (no gaps to remain), strictly in accordance with Robust Detail E-W-77.
	ARC PW/SC cavity stop stop, 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 Stops
	Alpha MEP Intake / Extract position (See Alpha MEP and specify drawings for details)
	Vetairle Intake / Extract position (See Vetairle and specify drawings for details)
	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.

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.

Refer to 'Alpha' MEP drawing
communal electrics

GENERAL ARRANGEMENT PLANS - WALL LEGEND

Frost resistant quality facing brickwork 20N Brickwork
Concrete Blocks (compressive strength 3.6N/mm² in 1:1.6 mortar (unless noted otherwise) forming 100/140mm wide partitions. Density = 1350-1600Kg/m³.
Concrete Blocks (compressive strength 7.3N/mm² in 1:1.6 mortar (unless noted otherwise) forming 100/140mm wide partitions. Density = 1350-1600Kg/m³.
Concrete Blocks (compressive strength 10.4N/mm² in 1:1.6 mortar (unless noted otherwise) forming 100/140mm wide partitions. Density = 1350-1600Kg/m³.
Class B Engineering Brick (compressive strength 75N/mm² in 1:1.6 mortar (unless noted otherwise). Density = 2320Kg/m³.
Class A Engineering Brick (compressive strength 125N/mm² in 1:1.6 mortar (unless noted otherwise). Density = 2200Kg/m³.
70mm British Gypsum Gyframe 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.
70mm Butressing Wall with 12mm Ply Sheathing as per SD/3022.
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.
Knauf Supafix 34 a glass mineral blowing wool, designed for use in external full-fill masonry cavity walls.
Full Fill Isover 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
Alpha MEP Intake / Extract position
Vetair Intake / Extract position
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.

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.

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.

TYPE-13
50.39m²
(51.21m² STRUCTURE AREA)
FIRST HOMES

TYPE-14
50.38m²
(51.15m² STRUCTURE AREA)
FIRST HOMES

TYPE-34
71.49m²
(72.39m² STRUCTURE AREA)
PRIVATE

TYPE-34
70.45m²
(71.36m² STRUCTURE AREA)
PRIVATE

ROOF VENTILATION (TYPE 1)
An impermeable roofing underlay (Type 1F / HR) is to be draped over all roof pitches, with Rytons OFV1000 (or similar approved) over fascia ventilator providing ventilation equivalent to a continuous 10mm opening at eaves level, and Glidevale Fulmetal Rediroll ventilated dry ridge system (or similar approved) providing ventilation equivalent to a continuous 5mm opening at ridge level.

PADSTONE SCHEDULE

REF	LENGTH	DEPTH	WIDTH	TYPE
P1	215	215	100	Eng Brick
P2	215	215	100	Concrete
P3	330	215	100	Concrete
P4	440	215	100	Concrete
P5	440	215	140	Concrete
P6	215	215	140	Concrete
P7	440x440 Corner	215	140	Concrete
P8	215 x 140	ER8 Naylor Concrete Lintel		
P9	500	215	100	Concrete
P10	650	215	100	Concrete
P11	440x440 Corner	215	100	Concrete
P12	330	215	140	Concrete
P13	215x215 Corner	215	140	Concrete
P14	500	215	140	Concrete
P15	550	215	140	Concrete
P16	550	215	100	Concrete
P17	215	215	330	Concrete
P18	600	215	100	Concrete

SECOND FLOOR LAYOUT
SCALE 1:50

FOR DRAWING CONTINUATION REFER TO DRAWING SA00394-0345

ROOF VENTILATION (TYPE 1)

An impermeable roofing underlay (Type 1F / HR) is to be draped over all roof pitches, with Rytons OFV1000 (or similar approved) over fascia ventilator providing ventilation equivalent to a continuous 10mm opening at eaves level, and Glidevale Fulmetal Rediroll ventilated dry ridge system (or similar approved) providing ventilation equivalent to a continuous 5mm opening at ridge level.

REF	LENGTH	DEPTH	WIDTH	TYPE
P1	215	215	100	Eng Brick
P2	215	215	100	Concrete
P3	330	215	100	Concrete
P4	440	215	100	Concrete
P5	440	215	140	Concrete
P6	215	215	140	Concrete
P7	440x440 Corner	215	140	Concrete
P8	215 x 140 ER8 Naylor Concrete Lintel			
P9	500	215	100	Concrete
P10	650	215	100	Concrete
P11	440x440 Corner	215	100	Concrete
P12	330	215	140	Concrete
P13	215x215 Corner	215	140	Concrete
P14	500	215	140	Concrete
P15	550	215	140	Concrete
P16	550	215	100	Concrete
P17	215	215	330	Concrete
P18	600	215	100	Concrete

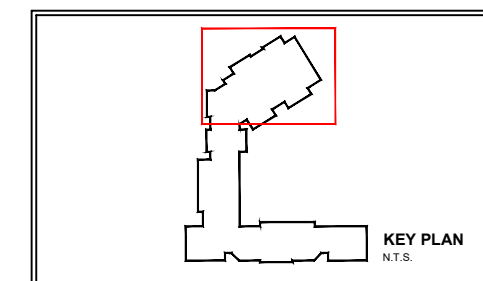
PADSTONE SCHEDULE				
REF	LENGTH	DEPTH	WIDTH	TYPE
P1	215	215	100	Eng Brick
P2	215	215	100	Concrete
P3	330	215	100	Concrete
P4	440	215	100	Concrete
P5	440	215	140	Concrete
P6	215	215	140	Concrete
P7	440x40 Corner	215	140	Concrete
P8	215 x 140	ER8 Naylor Concrete Lintel		
P9	500	215	100	Concrete
P10	650	215	100	Concrete
P11	440x40 Corner	215	100	Concrete
P12	330	215	140	Concrete
P13	215x215 Corner	215	140	Concrete
P14	500	215	140	Concrete
P15	550	215	140	Concrete
P16	550	215	100	Concrete
P17	215	215	330	Concrete
P18	600	215	100	Concrete

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.



V	07.10.25	Padstones, structural notes highlighted in red.	D
		Updated steel linets, added eiser hole for services, added AOV detail ref, updated apartment ent. door frame, added dry riser pipe setting out & note, updated ext. wall fire socks. Removed roof vents.	
		Updated structural drawings and padstones as	
		Engineers dwg dated 23.09.25.	
		Fire door references reviewed.	
		Structural info co-ordinated, masonry dimensions reviewed. Additional Padstone's for structural steel above bin Store Door as to SE email 03.07.25	
		Padstone schedule updated	
		Dry riser route and pipework updated	
U	02.06.25	Viewport extended to pick up setting out	Z
T	26.05.25	1st door setting out	Z
		First Homes updated to spec, private b/room updated	
S	17.03.25	Windows corrected to 1120 s/o to suit cant brick	Z
		Key updated	
R	28.03.25	Communal door setting out, lift door setting out	Z/J
		Removed electricals, added communal electric note	
		Insulation types to legend, windpost setting out, padstone (TOP) levels.	
Q	13.03.25	Internal dams added. Electrical Information segregated	S
		Extracts coordinated as per consultants drawings	
Rev	Date	Description	Ini



Brooklands College
Weybridge

Block F
Plots: 122 - 153
Second Floor Layout
Sheet 1

Date Sep 2023

Drawn	71
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SA00394-0344-A-FTF-GA

SCALE 1:50