

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 Gyplaflex 70/550 '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 Buttrussing 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.

Knaf Supafix 34 a glass mineral blowing wool, designed for use in external full-fill masonry cavity walls.

Full Fill (over RD Party Wall Roll, or similar approved, within cavity (no gaps to remain), strictly in accordance with Robust Detail E-WM-17.

ARC PVCSS 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
(See Alpha MEP and specific drawings for details)

Venture Intake / Extract position
(See Venture and specific 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.

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

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.

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 Redirol ventilated dry ridge system (or similar approved) providing ventilation equivalent to a continuous 5mm opening at ridge level.

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.

KEY PLAN

FOR DRAWING CONTINUATION REFER TO DRAWING SA00394-0346

TYPE-35
76.65m²
(77.52m²)
STRUCTURE AREA
PRIVATE

TYPE-16A
51.47m²
(52.25m²)
STRUCTURE AREA
SHARED OWNERSHIP

TYPE-33
70.30m²
(71.19m²)
STRUCTURE AREA
Shared Ownership

Second Floor Layout drawing showing rooms, dimensions, and structural details. Rooms include Bedroom 1, Bedroom 2, Kitchen, Dining, Living, Bathroom, Utility, Staircase, Corridor, and Balcony. Dimensions are provided for various elements. Structural details include padstones (P1-P18), movement joints (MJ), and wind posts (WP). Notes specify construction details for blockwork walls and steel beams.

U	07.10.25	Padstones, structural notes highlighted in red. Updated steel lintels, added elec riser 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, 215 block wall changed to stud, W02-05 adjusted. Window W02-04 & 05 position updated to allow for brick dimension small pier. Windposts removed as Engineers dwg dated 24.07.25. Updated structural steels 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.	DF
T	26.05.25	First Homes updated to spec, private b/room updated.	ZJ
S	22.04.25	Key updated, AOV added.	ZJ
R	02.04.25	Plots 16 & 35 Extracts coordinated as per consultants comments on distancing between extract/intack.	ZJ/DF
Rev	Date	Description	Init.

CALA

Job title

Brooklands College
Weybridge

Drawing title

Block F
Plots: 122 - 153
Second Floor Layout
Sheet 5

Scale

1:50 @ A1

Date

Sep 2023

Rev.

U

Drawn

ZJ

Dwg No.

SA00394-0348-A-FTF-GA