INTERMITTENT EXTRACT VENTILATION:
Kitchen = 30L/S Adjacent hob; Utility = 30L/S; Bathroom = 15L/S; En-Suites = 15L/S; Clk'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 openable window(s) with an opening area equal to 1/20th of the rooms floor area.

STAIRCASE - GRD-1st
13 equal risers of 209.38mm; Going = 234mm; Pitch 41.82°; Width over strings - 860mm

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
P1	215	140	100
P2	440	215	100

Padstones and steel beam sizes as per SE Drawings

Refer to specialist for joist sizes

GENERAL ARRANGEMENT PLANS - WALL LEGEND

- Frost resistant quality facing brickwork 20N Brickwork laid in minimum class iii (M4) mortar.
- Celcon Standard blockwork to inner leaf only. Medium dense blockwork to outer leaf to be laid in minimum class iii (M4) mortar. Compressive strength 7.3N/mm² to the Ground Floor, minimum class iii (M6) mortar (unless otherwise noted) & 3.5N/mm² minimum class iii (M4) mortar (unless noted otherwise noted) to first,second floor& roof level.

Note:All external wall cavities to be 125mm unless otherwise specified.

- 70mm British Gypsum Gypframe 70S50 'C' stud system, with studs at 600mm centres. 12.5mm Gyproc Soundbloc plasterboard each side with tapered edges, finished as per internal spec. Moisture-resistant plasterboard to bathroom with studs at 400mm centres.
- 70mm Buttressing Wall with 12mm Ply Sheathing as per SD/3022. 12.5mm Gyproc Soundbloc plasterboard each side with tapered edges, finished as per internal spec. Moisture-resistant plasterboard to bathroom with studs at 400mm centres.
- 63x38mm timber studs @ max 600mm centres. 50mm Isover acoustic partition roll (APR 1200)to be installed between studwork for the entire wall panel
- MJ Movement Joints
- Denotes the position of the external cavity fire Soc.
- Dashed line indicates extent of secondary DPC stepped up to accommodate level threshold to front door.

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.

ELECTRICAL KEY

This electrical legend is to be read in conjunction with the internal specification & M&E consultants details if applicable with any discrepancies being reported to the site manager. Doorbells, light switches, entryphones, etc. should be fixed no higher than 1200mm above FFL. TV, BT & power sockets should be fixed no lower than 450mm above FFL. All wall lights to be fitted at 2100mm above FFL.

Symbol	Description
	Flush double switch socket.
	Flush double switch socket with 2 USB points.
	External socket.
	13A flush unswitched spur.

Where switches are located all in the same wall, use 2/3/4 gang switches.

Symbol	Description
	Flush double switched socket 200mm above kitchen work top with 2 USB points
	Flush rocker light switch. 1,2 or 3 way switched.
	Ceiling rose light point.
	LED downlighter light fitting.
	Under-stair oval bulkhead wall mounted light.
	External Wall light.
	Batten holder light fitting.
	Door bell push.
	Door bell sounder.

Symbol	Description
	Flush double switched socket 200mm above kitchen work top.
	13A Flush unswitched outlet 300mm below kitchen work top.
	Flush 30A cooker switch 200mm above kitchen work top.
	Gas point.
	Shower head & control position.
	Ceiling mounted extract fan.
	Isolator switch.
	Shaver socket.

Symbol	Description
2	Dual TV/ FM point 1xCT100 cabling (diplexer).
	Single slave phone socket 1xCAT 6 cabling.
	RJ45 data point
	HDMI port (4 & 5 beds only)
N	Immersion heater switch, located in AC.
	Rad/Rail.
P	Heating control programming switch.
G	Grid switch.
T	Thermostat.

Symbol	Description
CM	Carbon Monoxide Detector.
SD	Smoke Detector.
HD	Heat Detector.
COMMS inc Consumer unit	For sites with FTTP refer to SD/1002. For sites with FTTC refer to SD/1003.
LOUNGE PLATE	For full lounge plate specification refer to CALA Group Internal Specification.
IA	Intruder Alarm unit to Nacoss Standard
AP	Alarm Panel
VIRGIN	For sites where virgin is to be provided, Virgin Media blanking plates are to be provided adjacent to the low level Lounge Plate in the lounge, and next to the TV/FM socket within the Family Room and Master Bedroom.
Elect	External wall mounted Electric Meter
BT	British Telecom Point
HO	Hyper Optic Point
UFH	Underfloor Heating Manifold

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.

Radiator positions shown as per M&E drawings. Sizing of radiators & towel rails are shown indicatively check M&E drawings for correct sizing.

EVC:Postion of EVCP- If remote,see External works drawing for position

GROUND FLOOR LAYOUT

SCALE 1:50

Rev	Date	Description	Init.
R	02.02.26	Additional setting out dims added	ZJ
Q	08.12.25	Stepped dpc highlighted.	DF
P	08.08.25	Light switch to WC moved	LC
O	08.08.25	HT4 Lights adjusted	ZJ
N	12.06.25	HT4 Grid & Program switch relocated.Double	ZJ
		USB socket added to island, TV point added, DL	
		added, door handed, basin boxing removed	
		HT1 Grid & program switch relocated. TV point added	
		socket added, door handed	
M	17.04.25	Stairs amended as per specialist design. Sink	SK
		amended to single bowl.	
L	26.02.25	HT4 UFH moved. WC amended as per Spec.	ZJ/SK
K	29.01.25	Incoming water position amended. Store door	SK
		amended to 610 single door.	
J	15.01.25	Kitchen coordinated with supplier layout, M&E	DBK
		coordinated. Sockets coordinated	
I	15.10.24	Detail Ref tags co-ordinated.	
H	24.09.24	Wall key amended, lounge wall coordinated	ZJ
G	09.08.24	ASHP added. Ext Tap position revised.	SK
		RWP location amended. Pier hatch added. Canopy	SK
		ref added and revised as per detail. SE note added.	

CALA

Job title

Brooklands College
Weybridge

Drawing title

HT Semi 2 (HT4BLaurel & HT1 Fir)
Plots: 192/193 194/195 200/201
202/203 204/205 206/207
Ground Floor Plan

Scale	Date
1:50 @ A1	May 2023
Rev. R	Drawn RR

Dwg No.
SA00394-0157-A-SEMI2-GA