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| <p><b>INTERMITTENT EXTRACT VENTILATION:</b></p> <p>Kitchen = 30L/S Adjacent hob; Utility = 30L/S; Bathroom = 15L/S;<br/>En-Suites = 15L/S; Clk's = 6L/S</p>  |
| <p><b>PURGE VENTILATION:</b></p> <p>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.</p>   |
| <p><b>STAIRCASE - GRD-1st</b></p> <p>13 equal risers of 209.38mm; Going = 234mm; Pitch 41.82°; Width over strings - 860mm</p>  |
| <p><b>ROOF VENTILATION (TYPE 1)</b></p> <p>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.</p> |
| <p>Padstones and steel beam sizes as per SE Drawings</p> <p>← → Refer to specialist for joist sizes</p>  |

| <b>GENERAL ARRANGEMENT PLANS - WALL LEGEND</b>  |  |
|---|--|
|    | Frost resistant quality facing brickwork 20N Brickwork laid in minimum class iii (M4) mortar.  |
|    | Medium dense blockwork to outer leaf behind tile hanging / cladding  |
|    | Compressive strength 7.3N/mm <sup>2</sup> minimum class iii (M4) mortar.   |
|    | Compressive strength 3.5N/mm <sup>2</sup> minimum class iii (M4) mortar.   |
| <p>Note: All external wall cavities to be 125mm unless otherwise specified.</p>   |  |
|    | 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. <u>Moisture-resistant plasterboard to bathroom with studs at 400mm centres.</u> |
|    | 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. <u>Moisture-resistant plasterboard to bathroom with studs at 400mm centres.</u>                    |
|    | 63x38mm timber studs @ max 600mm centres. 50mm Isovap acoustic partition roll (APR 120) be installed between studwork for the entire wall panel  |
|    | MJ Movement Joints   |
|    | Denotes the position of the external cavity fire sock.   |
|    | Dashed line indicates extent of secondary DPC stepped up to accommodate level threshold to front door.   |
| <b><u>IMPORTANT NOTE:</u></b>   |  |
| ALL EXTERNAL WALLS TO INCORPORATE BRICKFORCE SBF30W60 BED-JOINT REINFORCEMENT TO OUTER & INNER LEAF 2x COURSES ABOVE & BELOW ALL OPENINGS & TO PROJECT A MIN. 600mm BEYOND OPENING. |  |

| <h1>ELECTRICAL KEY</h1>  |   |
|--|---|
| <p>This electrical legend is to be read in conjunction with the internal specification &amp; M&amp;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 &amp; power sockets should be fixed no lower than 450mm above FFL. All wall lights to be fitted at 2100mm above FFL.</p> |   |
| Symbol   | Description                                   |
|  | Flush double switch socket.                   |
|  | Flush double switch socket with 2 USB points. |
|  | External socket.                              |
|  | 13A flush unswitched spur.                    |
| <p>Where switches are located all in the same wall, use 2/3/4 gang switches.</p>   |   |

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

| Symbol                           | Description   |
|----------------------------------|---|
|                                  | Carbon Monoxide Detector.   |
|                                  | Smoke Detector.   |
|                                  | Heat Detector.  |
| <b>COMMS</b><br>ic Consumer unit | For sites with FTTP refer to SD/1002.<br>For sites with FTTC refer to SD/1003.  |
| <b>LOUNGE PLATE</b>              | For full lounge plate specification refer to CALA Group Internal Specification.   |
|                                  | Intruder Alarm unit to Nacoss Standard  |
|                                  | Alarm Panel   |
| <b>VIRGIN</b>                    | 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. |
|                                  | Pop up Socket for the Island  |
|                                  | External wall mounted Electric Meter  |
|                                  | British Telecom Point   |
|                                  | Hyper Optic Point   |
|                                  | Underfloor Heating Manifold   |

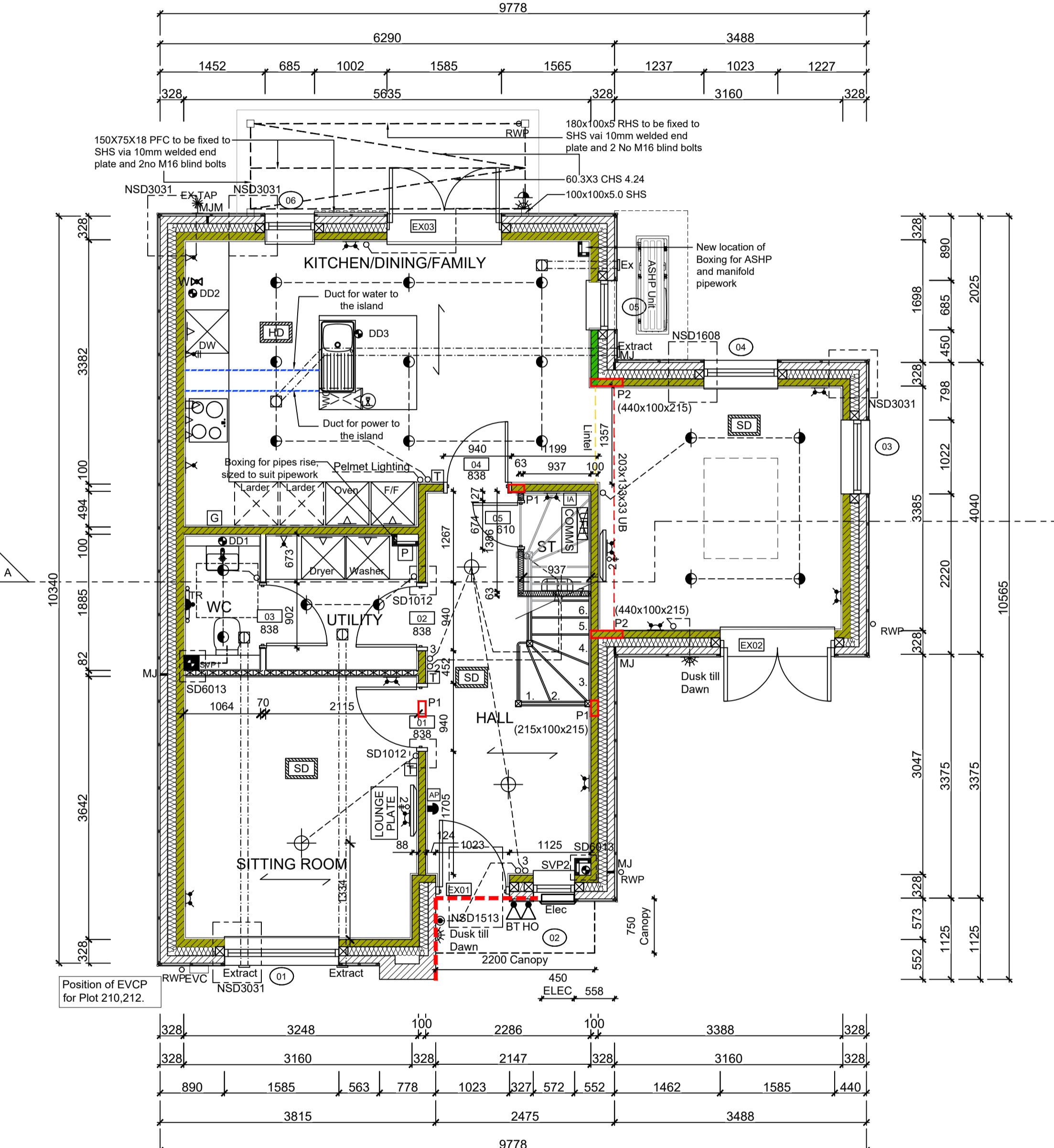
ll dimensions to be checked on site prior to the commencement of construction and any discrepancy should be reported to the Site Manager.

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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.



## GROUND FLOOR LAYOUT

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SCALE 1:50

|          |   |       |
|----------|---|-------|
| 17.11.25 | Dimensions added/adjusted. Canopy detail reference removed.   | CL    |
| 18.07.25 | Grid & Programme switch moved, pop up, socket added. Utility door handed. Comms relocated. Duct for power to island added. WC Sanitary ware revised. Extracts co-ordinated. ASHP relocated. Sanitary ware amended as per spec. Stairs amended as per specialist design. Sink bowl amended. Incoming water & DD2 location amended. Electrics adjusted. | SK    |
| 20.01.25 | Kitchen coordinated with supplier layout, M&E coordinated. Sockets coordinated  | DF    |
| 15.10.24 | Detail Ref tags co-ordinated.   | SK    |
| 24.09.24 | Wall key amended  | ZJ    |
| 14.08.24 | Soild Hatch added to Piers. Canopy ref added, and revised as per detail. Extract location revised ASHP added. New boxing added for ASHP. Boxing omitted as clouded. SE note added. Win 03 & 04 width amended.   | SK    |
| 01.07.24 | RWP location amended as per Clients Comments dated 22.05.24.M&E note added. ASHP pipe boxing location revised.Extract route revised.  | SK    |
| Date     | Description   | Init. |

**CALA**

# Job title

# Brooklands College Weybridge

rawing title

# House Type HT7A

## 3B5P Plots: 210, 212

### Ground Floor Plan

scale 1:50 @ A1 Date May 2023

Ev. M Drawn JM

SA00394-0062-A-HT7A-GA