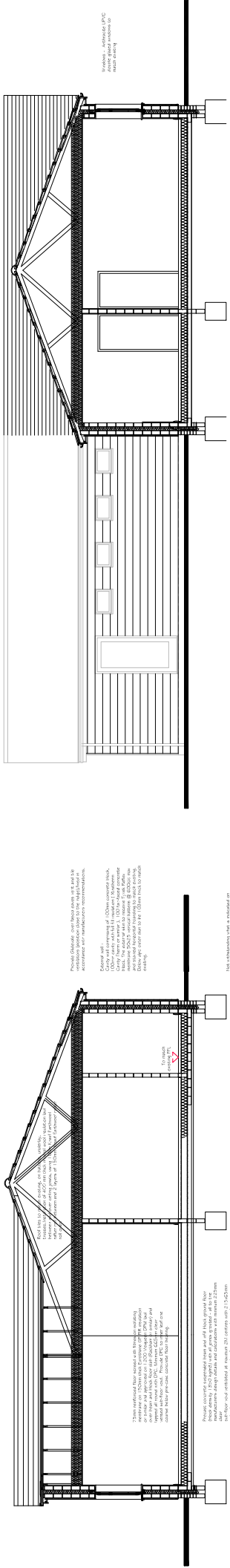


Notes:
 An introduction and scope of work are provided in the conditions prior to commencement of work.
 The drawings are to be read in conjunction with the following documents:
 - The contract documents
 - The current version of the Building Regulations



SECTION A-A

GENERAL:
 All works to be carried out in accordance with the current Building Regulations and Codes of Practice, British Standards, and other relevant documents. The drawings are to be read in conjunction with the contract documents and the current version of the Building Regulations. All drawings are to be read in conjunction with the contract documents and the current version of the Building Regulations.

FOUNDATIONS:
 Notwithstanding the representations on this drawing the foundations are to comply in all respects with the Building Regulations and Codes of Practice, British Standards, and other relevant documents. The drawings are to be read in conjunction with the contract documents and the current version of the Building Regulations.

FLOORING:
 Refer to precast floor manufacturer for layout and details of suspended floor. Grouted ventilators to be positioned to give free path of air between opposite sides and all compartments. Grouted ventilators must not be positioned under beams or external door thresholds.

BELOW-GROUND DRAINAGE:
 FOR SURFACE AND FLOOR WATER DRAINAGE LAYOUTS: All drainage to be to a public sewer or to a soakaway. All drainage to be to a public sewer or to a soakaway. All drainage to be to a public sewer or to a soakaway.

GROUND FLOOR CONSTRUCTION:
 75mm reinforced sand/cement screed on vapour control membrane over 150mm Eurothane GF PIR rigid floor insulation on 120kg polythene dpm dressed up wall, all over 5mm cement slurry over Eurothene or equal precast beam & block construction. All work to be in accordance with the current version of the Building Regulations.

EXTERNAL WALLS:
 Generally 300 blockwork cavity wall comprising 100mm (100 X400mm) Cavity (inner or outer), 100mm full face blockwork inner skin, blockwork outer skin to have minimum compressive strength 3.67 N/mm² (medium density block). External finish to be vertical battens on breather membrane and horizontal cladding. At external and internal corners of cavity wall provide 300mm wide vertical dpm where membrane is not continuous. All work to be in accordance with the current version of the Building Regulations.

ROOF CONSTRUCTION:
 25mm insulation to achieve a U value of 0.12 W/m²K. 225mm minimum void below floor, with vegetation layer removed and ground treated with weed killer. Cross ventilation to be provided in accordance with the current version of the Building Regulations.

INTERNAL WALLS & PARTITIONS:
 All internal walls and partitions to be constructed in accordance with the current version of the Building Regulations. All internal walls and partitions to be constructed in accordance with the current version of the Building Regulations.

GLAZING:
 All glazing to be in accordance with the current version of the Building Regulations. All glazing to be in accordance with the current version of the Building Regulations.

DOORS:
 All doors to be in accordance with the current version of the Building Regulations. All doors to be in accordance with the current version of the Building Regulations.

WINDOWS:
 All windows to be in accordance with the current version of the Building Regulations. All windows to be in accordance with the current version of the Building Regulations.

MECHANICAL VENTILATION:
 All mechanical ventilation to be in accordance with the current version of the Building Regulations. All mechanical ventilation to be in accordance with the current version of the Building Regulations.

PLUMBING:
 All plumbing to be in accordance with the current version of the Building Regulations. All plumbing to be in accordance with the current version of the Building Regulations.

ELECTRICAL:
 All electrical work to be in accordance with the current version of the Building Regulations. All electrical work to be in accordance with the current version of the Building Regulations.

HEATING:
 All heating to be in accordance with the current version of the Building Regulations. All heating to be in accordance with the current version of the Building Regulations.

INSULATION:
 All insulation to be in accordance with the current version of the Building Regulations. All insulation to be in accordance with the current version of the Building Regulations.

FINISHES:
 All finishes to be in accordance with the current version of the Building Regulations. All finishes to be in accordance with the current version of the Building Regulations.

SECTION B-B

FIRE PROTECTION:
 Fire detection & alarm system for the existing and proposed to be in accordance with BS 5839 - LD1 standard. Commissioning certificate for the design installation/fitting for fire alarm system to be submitted prior to occupation to Building Control.

SMOKE DETECTION:
 Mains operated battery back-up smoke detectors to comply with BS 5839. Any heat detector to be to BS5444. FD30 door to be self closing and fitted with smoke seals. All elements of structure to achieve 60 minutes fire resistance.

EMERGENCY LIGHTING:
 Emergency lighting system to be designed and installed in accordance with BS 5266, existing system to be altered/extended and also to comply with BS 5266 commissioning certificate for the design installation/fitting for emergency lighting system to be submitted prior to occupation to Building Control.

SECURITY:
 External doors: All external doors to be certified to one of the following PAS 24:2012 or designed and manufactured in accordance with Appendix B. Doorsets can satisfy Part Q providing they meet the following security ratings: 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

LOCKS:
 Locks to have one of the following attributes: a cylinder certified to BS EN 1303 grade 5 key security and grade 0 attack resistance (min. requirement), including resistance to attack by drill to grade 2. Certification scheme assessment contained within BS 3621. Following certification scheme currently recognised: BSI Kitemark and LPCB FPS 1242. Issue 2.

MULTIPOINT LOCKING SYSTEMS:
 Multipoint locking systems to PAS 3621 or PAS 5621 or PAS 10621 fitted with mortice lock to meet the following standards: 204 issue 3, 2012, FPS 1, 175 issue 7, 2010 security rating 1, FPS 2081 issue 1, 2015 security rating A.

GLAZING:
 Glazing in doorsets to include one pane of class P1A glass in accordance with BS EN 356:2000. Glazed panels/windows adjacent to doors, manufactured separately from door frame must meet the same standard.

FLOOR JOINTS:
 Floors to have vertical joints between 1200mm and 1500mm. Joints to be staggered between adjacent rooms. Joints to be staggered between adjacent rooms. Joints to be staggered between adjacent rooms.

WINDOWS:
 Windows: Ground floor and easily accessible windows to meet BS PAS 24:2012. Part Q providing they meet the following standards: 204 issue 3, 2012, FPS 1, 175 issue 7, 2010 security rating 1, FPS 2081 issue 1, 2015 security rating A.

MOVEMENT JOINTS:
 Movement joints and brick reinforcement in accordance with Structural Engineers drawings. Movement joints and brick reinforcement in accordance with Structural Engineers drawings.

INTERNAL LIGHTING:
 Internal lighting: 100% of fixed internal light fittings to be LED. Internal lighting: 100% of fixed internal light fittings to be LED.

ENERGY EFFICIENCY:
 Energy efficient lighting points to be provided in all rooms. All energy efficient lighting points to be provided in all rooms. All energy efficient lighting points to be provided in all rooms.

WATER SUPPLY:
 The hot water supply to incorporate measures to ensure that the temperature of the water does not exceed 60 degrees Celsius, using either in-line blenders or thermostatic mixing valves.

ALARM:
 Carbon monoxide alarm to be fitted in the kitchen. Alarm complying with BS EN 50291:1:2001 Type A alarm fixed wired with sensor failure warning device.

MECHANICAL VENTILATION:
 Mechanical ventilation to be provided in accordance with the current version of the Building Regulations. Mechanical ventilation to be provided in accordance with the current version of the Building Regulations.

BACKGROUND & PURGE VENTILATION:
 Background & purge ventilation to be provided in accordance with the current version of the Building Regulations. Background & purge ventilation to be provided in accordance with the current version of the Building Regulations.

MECHANICAL VENTILATION:
 Mechanical ventilation to be provided in accordance with the current version of the Building Regulations. Mechanical ventilation to be provided in accordance with the current version of the Building Regulations.

MECHANICAL VENTILATION:
 Mechanical ventilation to be provided in accordance with the current version of the Building Regulations. Mechanical ventilation to be provided in accordance with the current version of the Building Regulations.

Project
 Pavilion Extension
 Aborfield Park
 Swallowfield Road
 Aborfield, Berks.

Client
 Aborfield & Newlands
 Parish Council

Drawn
 General Arrangement-Proposed
 Section & Notes

Scale
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Date
 June 2023

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Date
 June 2023