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Flood Resilient Design Statement

Floor Levels All floor levels within the proposed extension will be constructed to match the existing building levels to ensure flood resilience.

Structural Construction The extension will utilize block and brick for the formation of a plinth wall detail. Timberframe will be proposed for levels above the existing internal FFL.

Electrical Installation All new electrical wiring, outlets, and fittings will be positioned at high level to maintain functionality during flood events.

Internal Finishes Fibre cement board will be specified for all internal wall finishes, providing water-resistant performance while maintaining aesthetic quality. Alternatively the use of plasterboard to the internal face of the plinth wall can be designed to be replaceable as a horizontal low level strip.

Floor Finishes The extension will feature a robust flooring throughout, selected for both durability and flood resilience.

Utility Positioning No new service connections or metre boxes are proposed as part of the works.

Compliance Framework This design approach aligns with guidance provided in "Improving the Flood Performance of New Buildings Flood Resilient Construction" and Building Regulations Part C, ensuring comprehensive flood resilience while delivering high-quality architectural outcomes.

The proposed extension demonstrates our commitment to sustainable, resilient design that protects both the building fabric and occupant safety.

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