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Specifications based on use of suppliers and products specified - Any variation in construction or use of alternative items must be re-calculated and printed details / data sheets etc. must be provided confirming that the necessary standards / ratings etc. are achieved.

1068/20A

REVISIONS

Rev: A 11/01 Client Update

Wall Construction -
to achieve U value 0.20W/ sq.m.K

Construction to comprise 140x50mm Studwork at 400mm centres, with continuous sole and head plates and noggins at regular centres. Studs to be doubled up either side of openings and corners. Stud framing above openings as confirmed by structural engineer. Studs to be lined to outside face in 15mm OSB Sheathing, Kingspan nilvent breathable membrane, 75x50 and 50x50mm horizontal battens, and vertical timber cladding. Cladding to be fixed with stainless steel fixings and over lapped to accommodate movement of the boards whilst ensuring continuous finish free from gaps. Studwork to be lined internally with Kingspan K118 37.5mm insulated plasterboard, taped and skimmed. Kingspan K112 100mm thick to be cut and tightly wedged between studs - finished level with internal face of studs, to maintain ventilation to the outside construction.



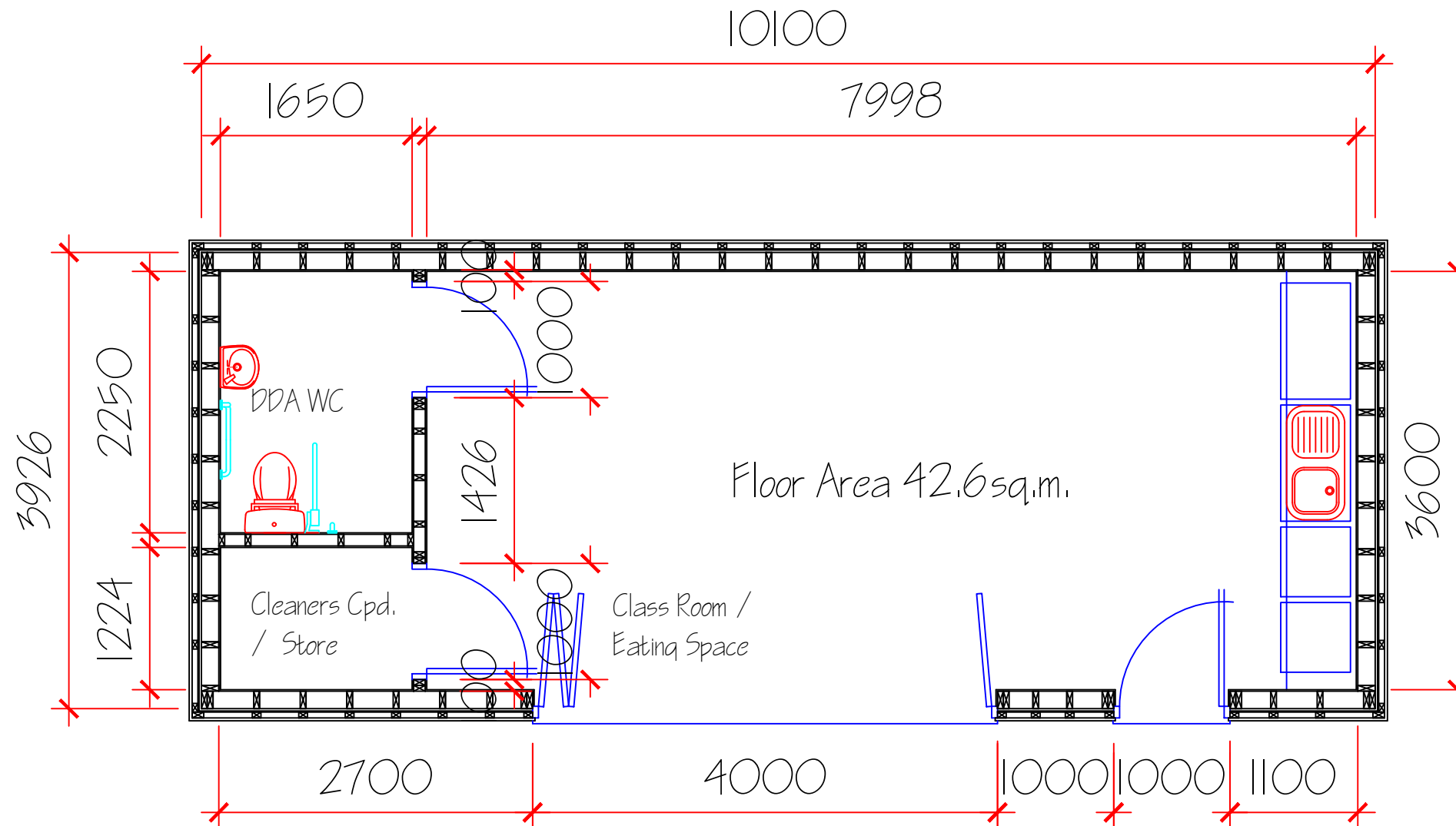
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**REPLACEMENT OUTBUILDING
SOMERTON PRIMARY SCHOOL
NEWPORT.**

PROPOSED FLOOR PLAN.

Drg No. 1068/20 | Rev: A | Scale: 1:50@A3 | Date: Jan. 2026

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Window & Door Specification;

Bi-folding screen and entrance door to be polyester powder coated aluminium units suitable for severely exposed location and fitted with high security ironmongery. Units to be thermally broken, with stainless steel brackets and fixings - securely fixed at head and reveals. Low level thresholds to accommodate wheel chair users.

Internal Partition Specification

Internal partitions to comprise 100x50mm studs at 400mm centres secured to continuous sole and head plates and lined to either side with 12.5mm plasterboard - taped and skimmed. Voids between internal studs with dense mineral fibre insulation.

18mm OSB patresses to be secured between studs where appliances, kitchen units, fixtures and fittings etc. are to be fixed to the walls.