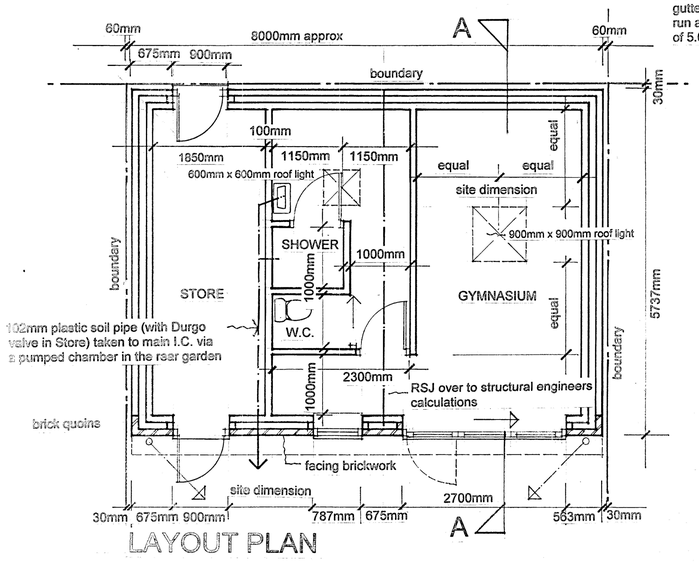
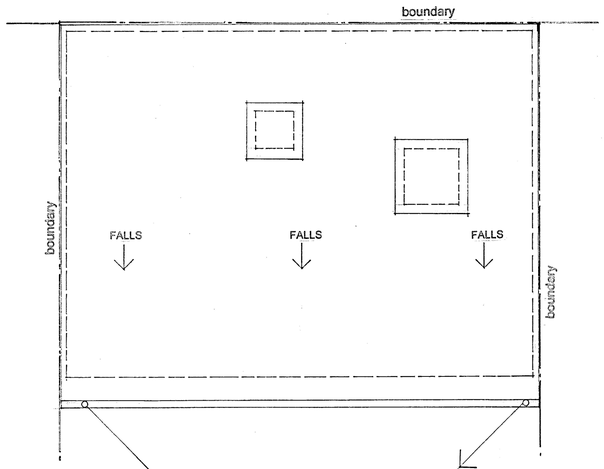
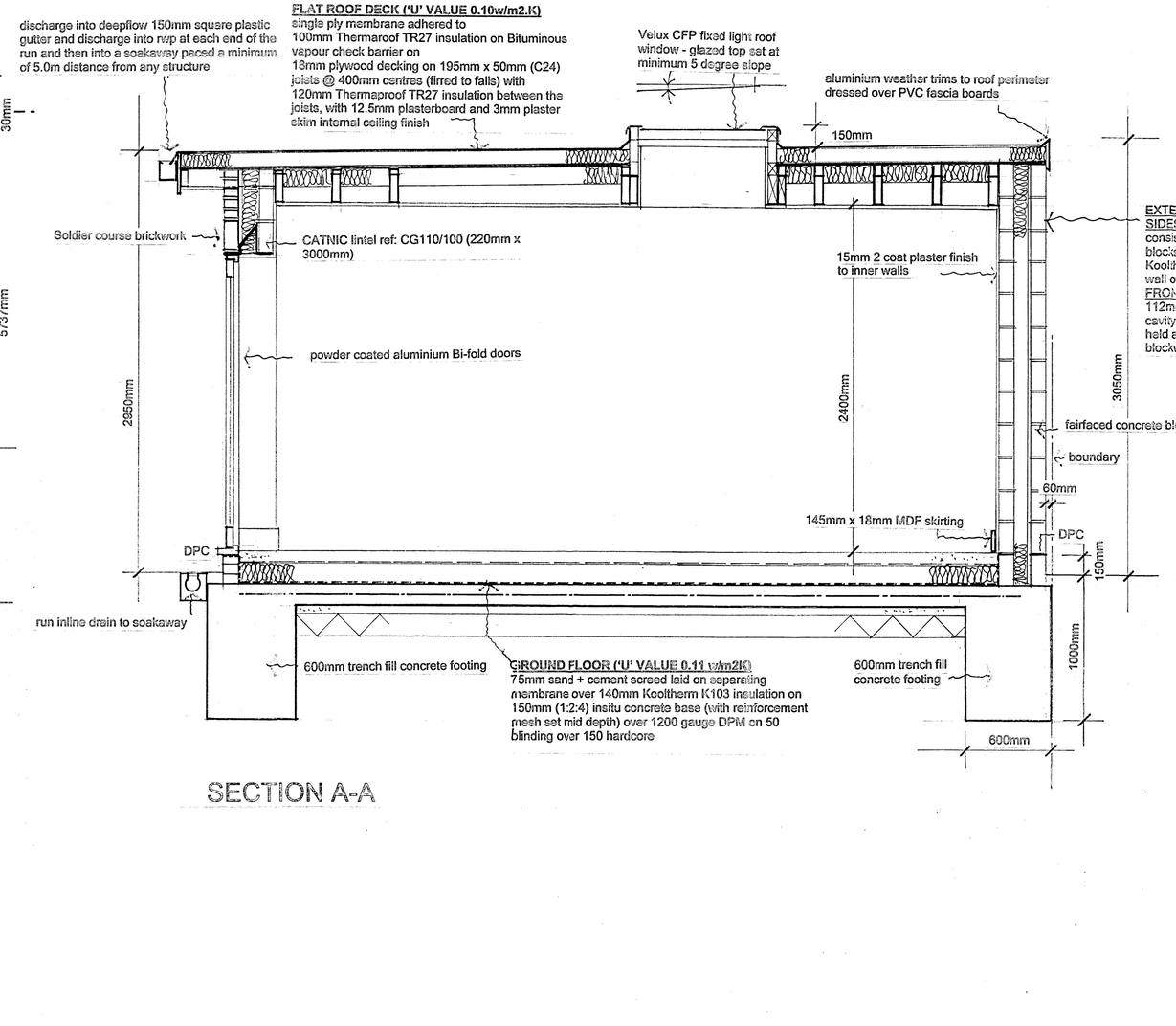


LAYOUT PLAN



ROOF PLAN

SOAKAWAY - Supply and install plastic soakaway crates (each crate is 1.2m x 0.6m x 0.42m depth) (Bratt Martin or similar), 3 crates wide in a single pit and enclose with non woven 'Gestextile' material sealed with waterproof Gaffa tape at joints (to cope with a capacity of 45 sqr m of surface water) - all bed on gravel - the sides and top are to be back filled with consolidated permeable gravel and all covered with min 300mm soil and lawn - each crate has 15 sqr m rainfall capacity from roof



SECTION A-A

wall ties - use 'Catnic' BB-3 stainless steel strip ties (or similar approved), installed at 450mm vertical centres and 900mm horizontal staggered spacing

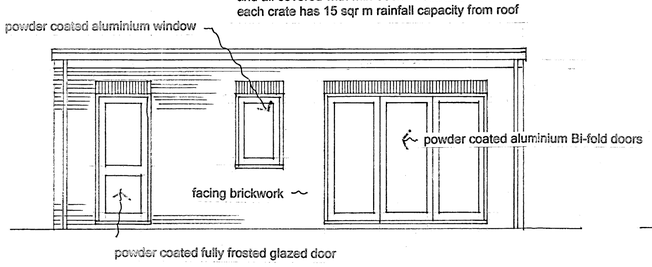
vertical restraint straps (wall plates) - use 'Catnic' VL/1000/100 to each end of truss rafters - use minimum of 4 No 10 x 50mm plated wood screw fixings into the blockwork with one fixing within 150mm from bottom of strap - (2 fixings into the truss timber), straps to be placed at maximum 1800mm centres.

vertical restraint straps (trusses) - use 'Catnic' VL/1000/100 to restrain timber wall plates - use minimum of 4 No 10 x 50mm plated wood screw fixings into the blockwork with one fixing within 150mm from bottom of strap - 2 fixings into the timber wall plate - restraint straps at maximum 1500mm centres

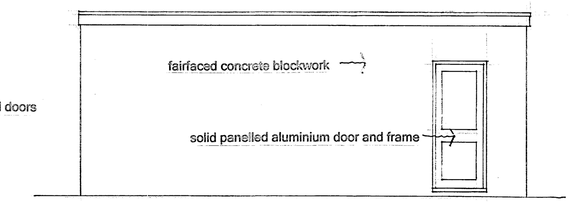
horizontal restraint straps - use 'Catnic' HL/1000/100 at max 1500mm centres where joist run parallel to the external wall - use 10 x 50mm plated wood screw fixings to each joist with 2 fixings using same to blockwork

joist hangers - use 'Catnic' TTL hangers where required secured using 30mm long galvanised plasterboard nails - nail fixings through all fixing holes

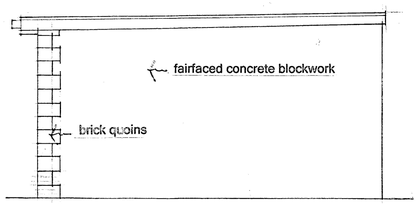
wall connectors - use 'Catnic' stainless steel Stronghold Wall connectors Ref: SHWC and connector wall tiles at junctions of new and existing walls - install wall ties every third brick course and secure connectors at approx every 1.0m using stainless steel coach screws and as directed by specialist suppliers recommendation



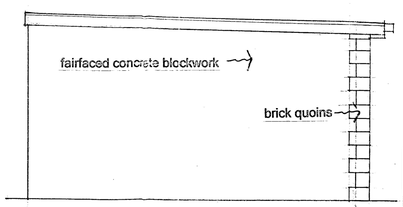
FRONT ELEVATION



REAR ELEVATION



SIDE ELEVATION (north)



SIDE ELEVATION (south)

AXIS
AXIS ARCHITECTURAL
21B CRAYFORD HIGH STREET
CRAYFORD. KENT DA1 4HH
tel: 01322 524748
email: axisarchitectural@hotmail.co.uk

Address
247 NORTHUMBERLAND AVENUE
WELLING. KENT. DA16 2QF

Drawing Title
CONSTRUCTION DETAILS

Job Title
PROPOSED GYMNASIUM AND STORE IN REAR GARDEN

drawn by MJD | date SEPT 2023 | scale 1.50 ÷ 1:20 @ A1
Job No LA/ | Drawing No 101/G