

ROOFTYPES



Single Ply Armourplan by IKO or similar approved 18mm OSB board 38x25 soft wood battens LR breather membrane rafters to S.E. details

Pitched Roof - SINGLE PLY 'COLD ROOF' (u-value : 0.15W/m²K) SCALE 1:10

WALL TYPES



through colour render system to specialist details depth/thickness of render T.B.C.

100mm backing blockwork

10mm Residual Airspace 90mm KOOLTHERM K106 (Polypropylene fleece (grey facing) to face outward)

Inner leaf to be 100mm Fenlite **Blockwork** (7,3N/mm2)(0.45 W/mk)(1350kg/m3) (subject to S.E. check) block internally,

13mm sand & cement render with 2mm thick thistle Multi-Finish skim coat.

Through colour Render (u-value : 0.18W/m²K) SCALE 1:10



Flat Roof - SINGLE PLY 'COLD ROOF' (u-value : 0.15W/m²K) SCALE 1:10

Horizontal Weatherboarding to clients specification 38x50mm SW Battens fixed vertically @ 600 centres over breather membrane SuperQuilt Multifoil Insulation by YBS Insulation 50x50mm softwood studwork SuperQuilt Multifoil Insulation by YBS Insulation 38x50mm softwood treated battens fixed through strips of DPC to existing masonry wall. Existing block wall

EXISTING BLOCK WALL -HORIZONTAL TIMBER BOARDING FINISH External Foil Insulation (u-value : 0.18W/m²K) SCALE 1:10

Laminate insulated plasterboard

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Flat Sections of Ceiling

(u-value : 0.15W/m²K) SCALE 1:10



Horizontal Weatherboarding to clients specification 25x50mm SW Battens fixed vertically sheathing board YBS BreatherFoil (insulated breather membrane) 70mm Mineral wool insulation (0.035W/mK) between Existing Timber Frame

- SuperQuilt Multifoil Insulation by YBS Insulation

38x50mm softwood treated battens

- 12.5mm plasterboard with skim finish

EXISTING TIMBER FRAME -TIMBER BOARDING FINISH External + Internal Foil Insulation (u-value : 0.18W/m²K) SCALE 1:10

300mm KNAUF Loft Roll 40 between (100mm) and over joists/bottom cord of truss (200mm). ceiling joist depth to attic truss design, to S.E. & specialist details

provisonal 25mm zone indicating floor finish. Finished depth to be confirmed 75mm 1:3 sand & cement fibre reinforced screed with under floor heating 75 100mm celotex XR4000 insulation with 30mm insulation upstand at perimeter with 500 gauge polythene vapour control layer over ··· ··· ··· - -, **. Lay 1200 gauge polythene DPM to form continuous membrane. · # "A A . . A All joints to be lapped min 150mm and sealed with jointing $\times \times \times \times$ tape \times \times \times \times X - X - X150mm deep ground bearing slab (RC 30) +A193 Top mesh with (50mm cover) to S.E. details backfill as required 150mm minimum crushed stone hardcore, minimum diameter 25mm, and compact with vibrating plate

DPC DETAIL Render scale1:10





through colour render system to specialist details depth/thickness of render T.B.C.

100mm backing blockwork

– 10mm Residual Airspace

90mm KOOLTHERM K106 (Polypropylene fleece (grey facing) to face outward) Inner leaf to be 100mm Fenlite **Blockwork** (7,3N/mm2)(0.45 W/mk)(1350kg/m3) (subject to S.E. check) block internally,

Render stop bead to specialist details DPM lapped with DPC to Manufactuer's details

min 3 courses of frost resistant brickwork up to DPC level

Insulation to be contuned past floor insulation

7n/mm2 concrete blockwork below ground COURSING TO BE CO-ORDINATED WITH ground FOOTING DEPTH-to S.E. details

weak concrete cavity fill min 225mm below lean mix concrete backfill up to 225mm thered below DPC, ensure cavity fill has 900mm weathered top and weepholes provided at 900mm centres

foundation depth / width to structural Engineers details and LA, approval foundation depth / width to structural Engineers details and L.A. approval

TENDER

 C
 12/06/24
 TENDER

 B
 31/05/24
 area of floor to be replaced

 A
 29/05/24
 General
revision date description

project title **EXTENSION TO EXISTING SPORTS** PAVILION drawing title

GA SECTIONS AND DETAILS scale @ A **1:50** drawn CH 04/01/24

job/drawing no/revision

22-010 - W013 - C

