

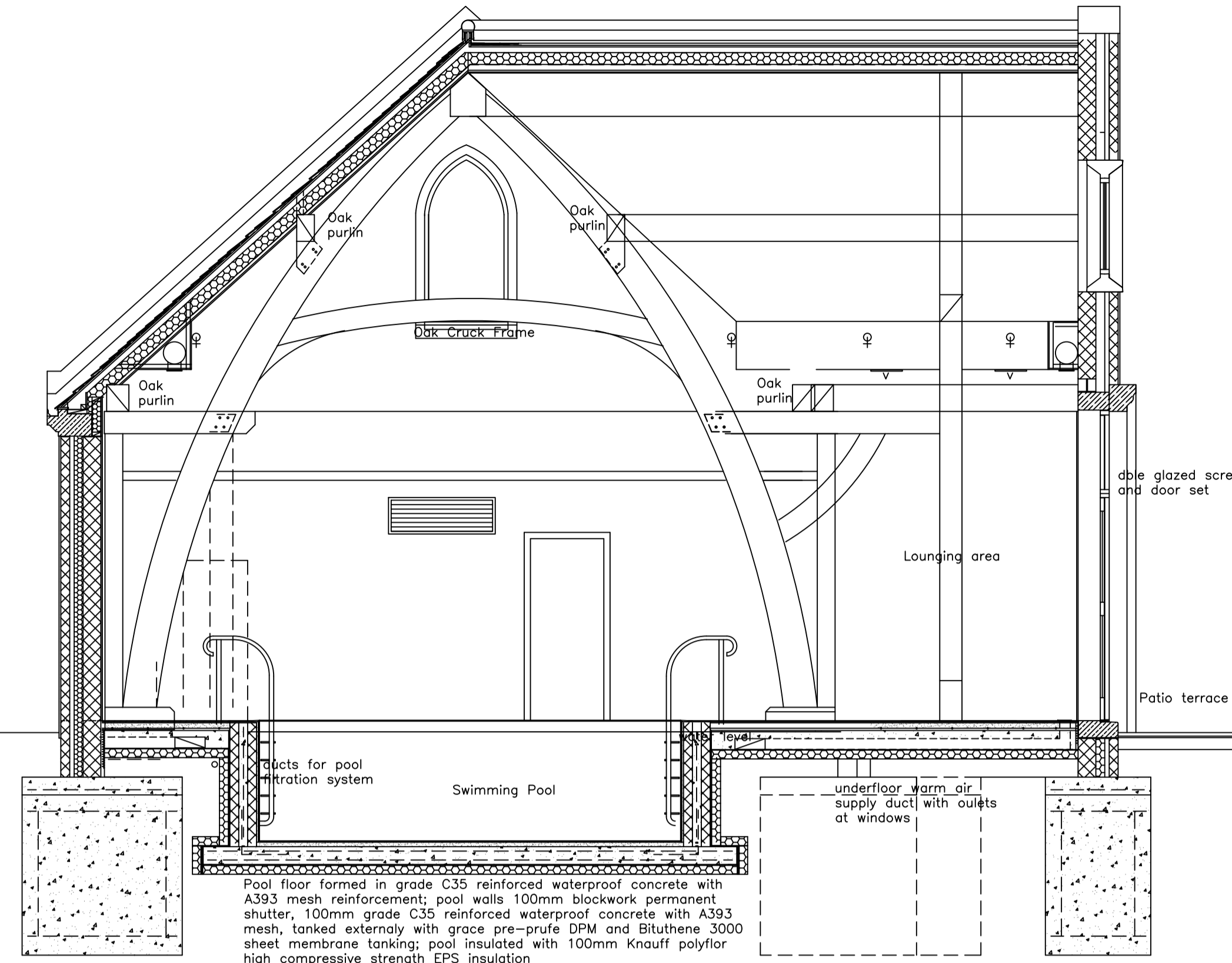
Section A-A at Pool

DETAIL 1
 Natural slate roof finish on underlating membrane, 18mm OSB sarking, 197x47 treated sw rafters @ 600mm ctrs spanning between oak purlins, 140mm Recticel GP insulation board between rafters. Vapour barrier then 25mm Recticel PIR and 12.5mm MR plasterboard for plaster finish
 Ventilated ridge and
 Glide vale inline slate vents at high and low level/ over eaves vent at wallhead

framed out duct for return air to air handling unit and uplighting

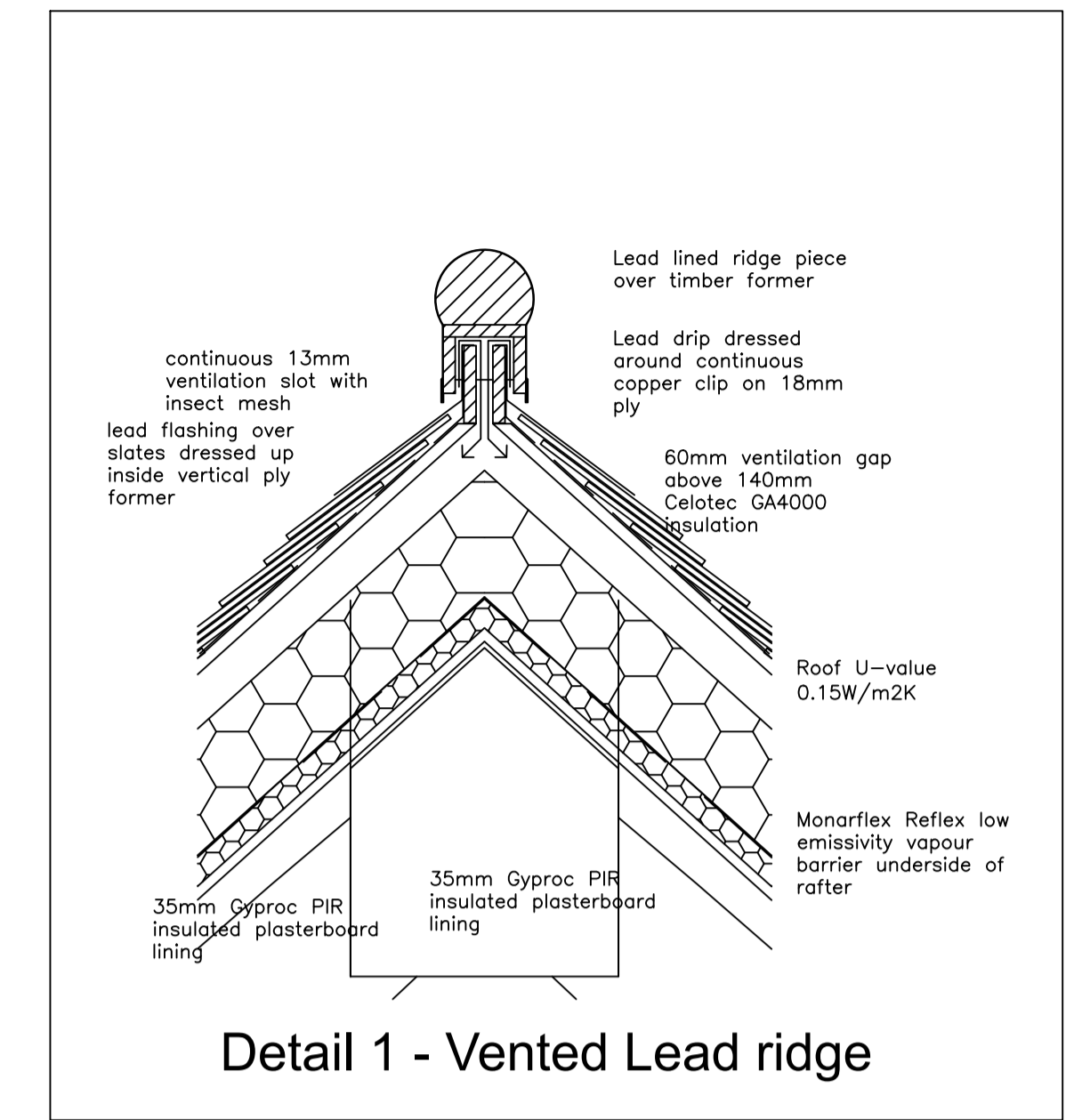
eaves vent with fly mesh stone eaves blocking course on dpc with cast aluminium ogee gutter

Foundations Gen 1 concrete fill to base trench, taken down to stiff clay per engineer's direction and grade C35 reinforced concrete foundation 200mm with A393 mesh reinforcement

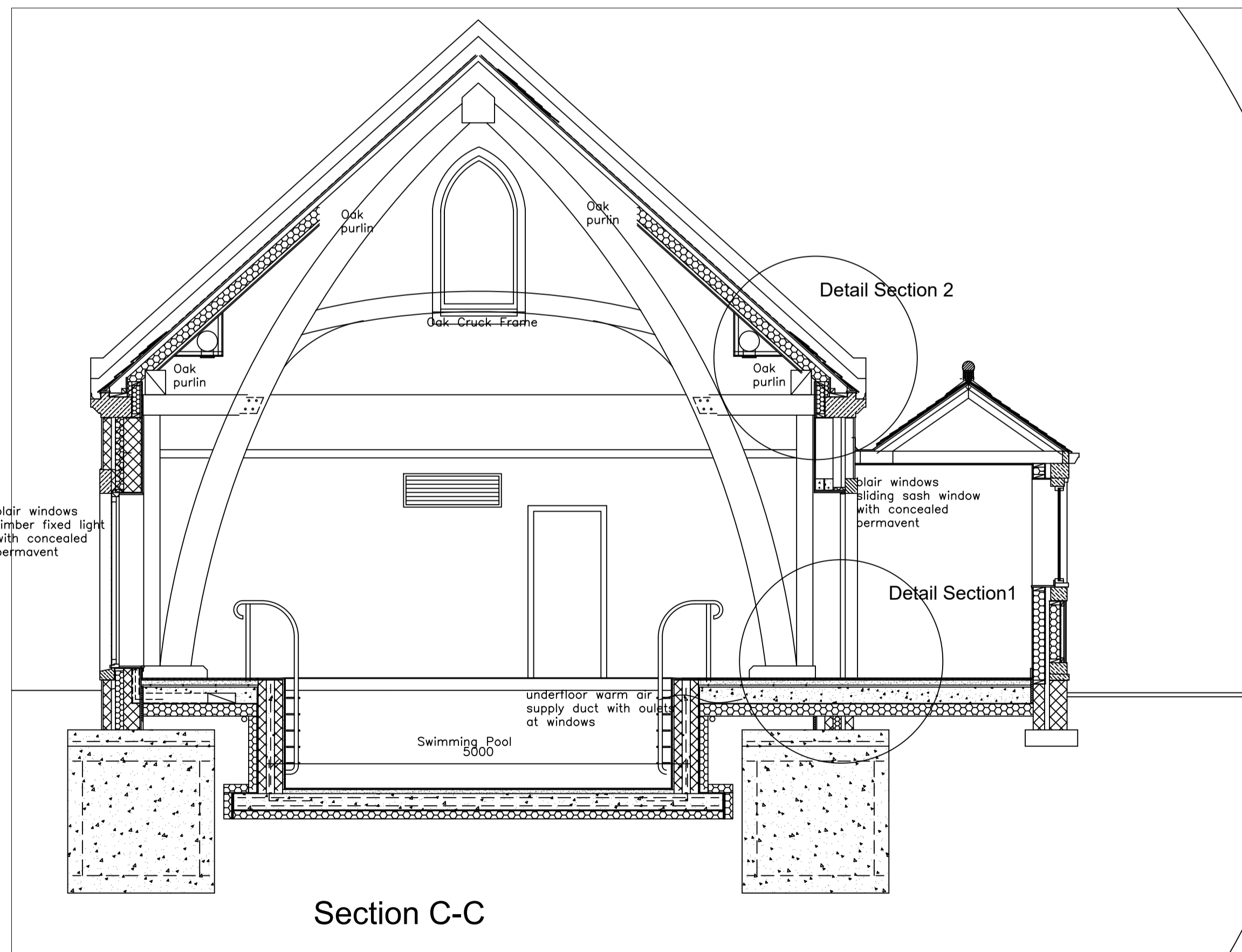


Section B-B at Pool

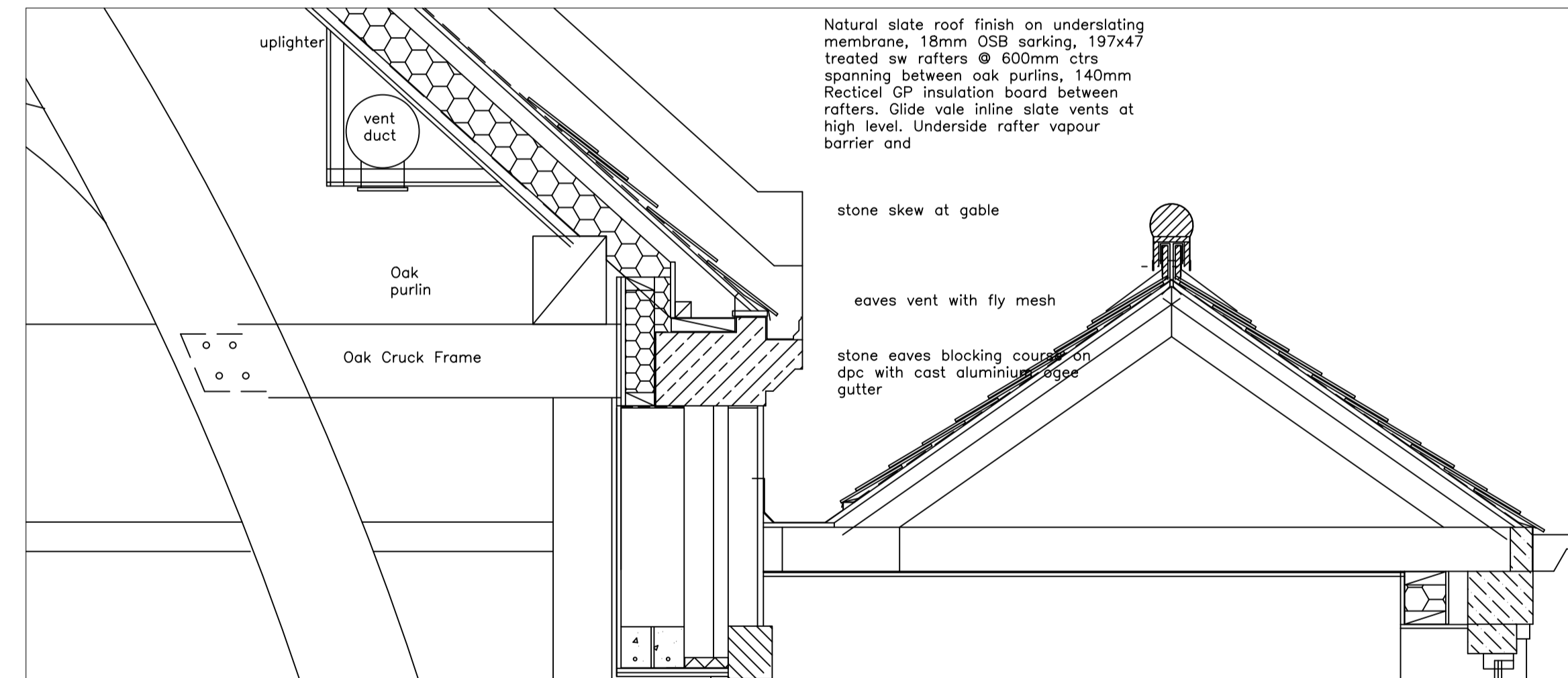
Pool floor formed in grade C35 reinforced waterproof concrete with A393 mesh reinforcement; pool walls 100mm blockwork permanent shutter, 100mm grade C35 reinforced waterproof concrete with A393 mesh, tanked externally with grade pre-prufe DPM and Bituthene 3000 sheet membrane tanking; pool insulated with 100mm Knauff polyflor high compressive strength EPS insulation



Detail 1 - Vented Lead ridge



Section C-C



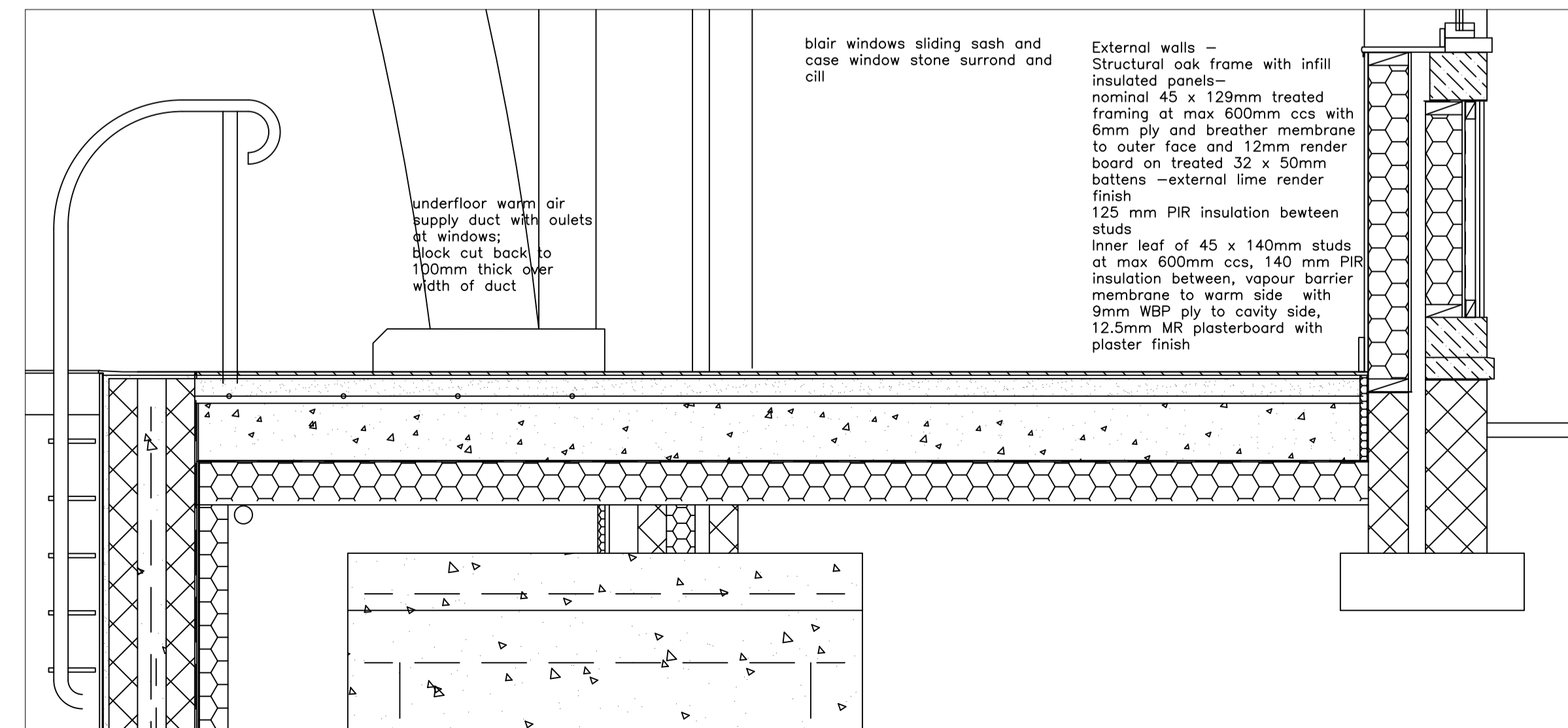
Detail Section 2 1:20

Natural slate roof finish on underlating membrane, 18mm OSB sarking, 197x47 treated sw rafters @ 600mm ctrs spanning between oak purlins, 140mm Recticel GP insulation board between rafters. Glide vale inline slate vents at high level. Underside rafter vapour barrier and

stone skew at gable

eaves vent with fly mesh

stone eaves blocking course on dpc with cast aluminium ogee gutter



Detail Section 1 1:20

blair windows sliding sash and cove window surround and cill

External walls - Structural oak frame with infill insulated panels - nominal 45 x 129mm treated framing at max 600mm ccs with 6mm ply and breather membrane to outer face and 12mm render board on treated 32 x 50mm battens - external lime render finish
 125 mm PIR insulation between studs
 Inner leaf of 45 x 140mm studs at max 600mm ccs, 140 mm PIR insulation between, vapour barrier membrane to warm side with 9mm WBP ply to cavity side, 12.5mm MR plasterboard with plaster finish

underfloor warm air supply duct with outlets at windows; block cut back to 100mm thick over width of duct

NOTES

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4°37 West Architects

01206 2700000
 2 PARK AVENUE, PRESTWICK

Job EXTENSION & ALTERATION TO AIKET CASTLE

Client MR A. GORDON

Title POOL ANNEXE & LINK GALLERY PROPOSED SECTIONS

scale 1:50 drg.no 2403-PL-10 rev

date JUNE 2023