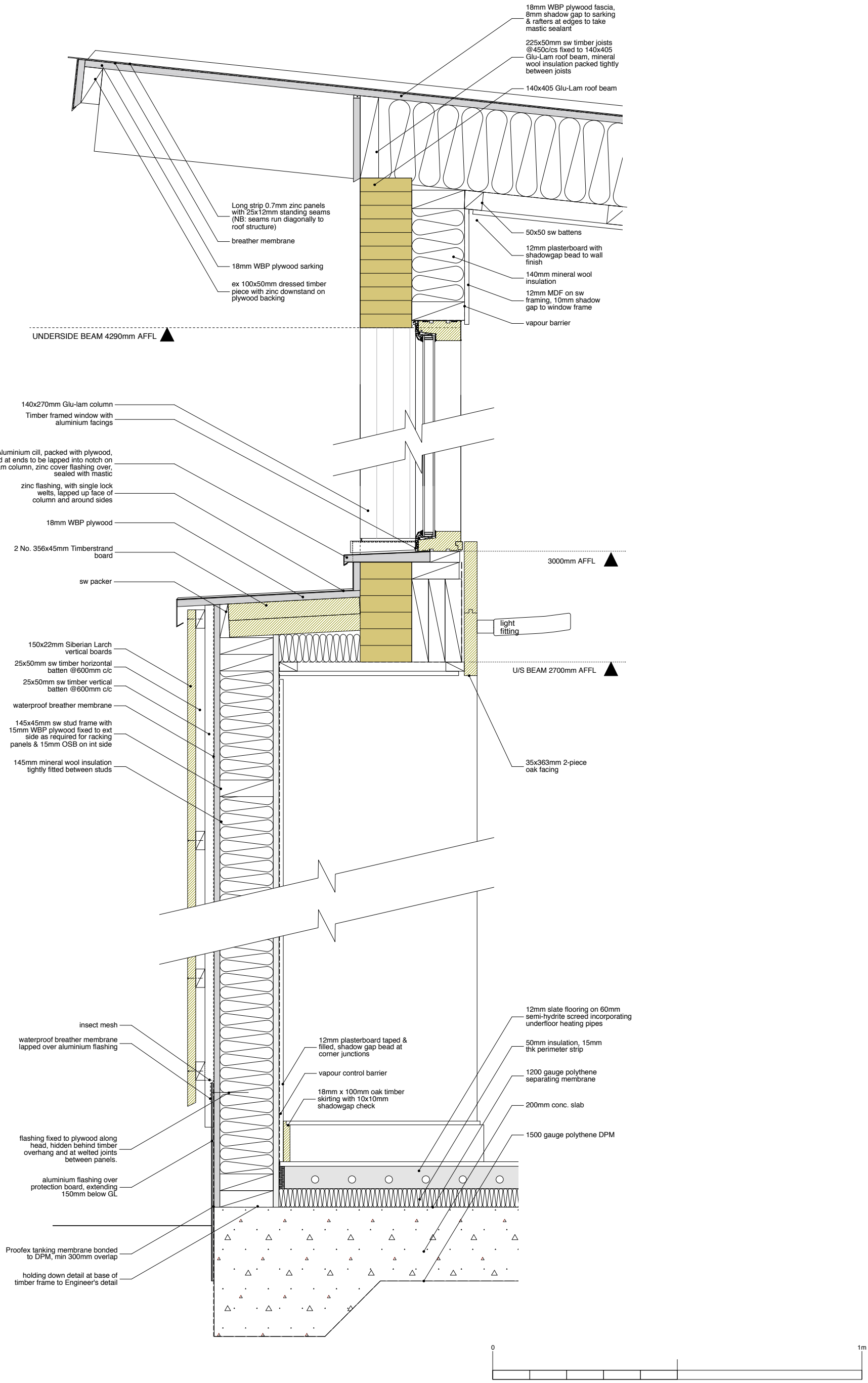
18mm WBP plywood fascia, 8mm shadow gap to sarking & rafters at edges to take mastic sealant
225x50mm sw timber joists @450c/cs fixed to 140x405 Glu-Lam roof beam, mineral wool insulation packed tightly between joists
140x405 Glu-Lam roof beam
Long strip 0.7mm zinc panels with 25x12mm standing seams (NB: seams run diagonally to roof structure)
breather membrane
18mm WBP plywood sarking
ex 100x50mm dressed timber piece with zinc downstand on plywood backing
50x50 sw battens
12mm plasterboard with shadowgap bead to wall finish
140mm mineral wool insulation
12mm MDF on sw framing, 10mm shadow gap to window frame
vapour barrier
UNDERSIDE BEAM 4290mm AFFL
140x270mm Glu-lam column
Timber framed window with aluminium facings
Aluminium cill, packed with plywood, upstand at ends to be lapped into notch on Glu-lam column, zinc cover flashing over, sealed with mastic
zinc flashing, with single lock welts, lapped up face of column and around sides
18mm WBP plywood
2 No. 356x45mm Timberstrand board
sw packer
3000mm AFFL
light fitting
U/S BEAM 2700mm AFFL
150x22mm Siberian Larch vertical boards
25x50mm sw timber horizontal batten @600mm c/c
25x50mm sw timber vertical batten @600mm c/c
waterproof breather membrane
145x45mm sw stud frame with 15mm WBP plywood fixed to ext side as required for racking panels & 15mm OSB on int side
145mm mineral wool insulation tightly fitted between studs
35x363mm 2-piece oak facing
insect mesh
waterproof breather membrane lapped over aluminium flashing
12mm plasterboard taped & filled, shadow gap bead at corner junctions
vapour control barrier
18mm x 100mm oak timber skirting with 10x10mm shadowgap check
12mm slate flooring on 60mm semi-hydrite screed incorporating underfloor heating pipes
50mm insulation, 15mm thk perimeter strip
1200 gauge polythene separating membrane
200mm conc. slab
1500 gauge polythene DPM
flashing fixed to plywood along head, hidden behind timber overhang and at welted joints between panels.
aluminium flashing over protection board, extending 150mm below GL
Proofex tanking membrane bonded to DPM, min 300mm overlap
holding down detail at base of timber frame to Engineer's detail
0
1m