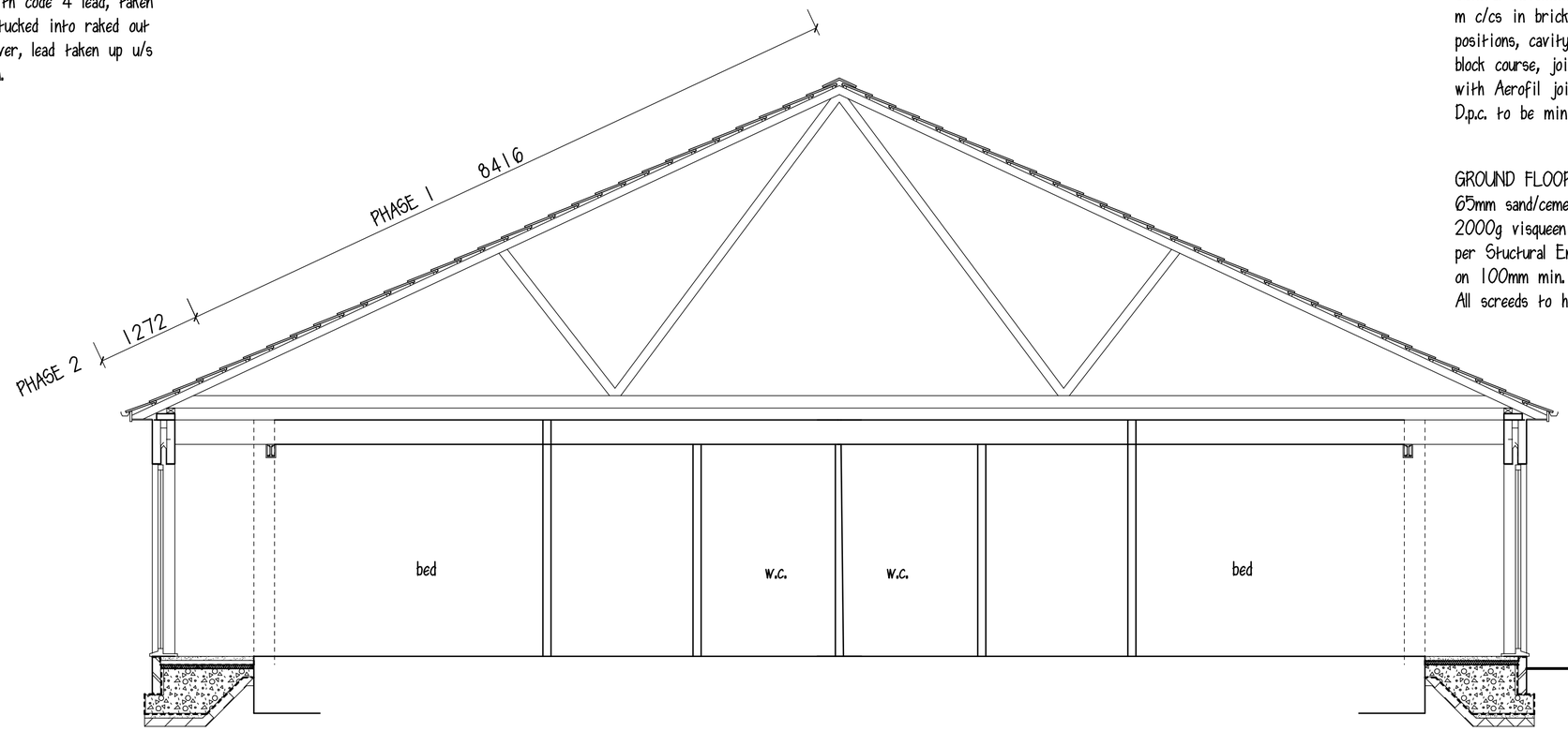
ROOF CONSTRUCTION

Main Roof to be concrete interlocking tiles, every tile nailed on 38x25 sw battens on untearable sarking felt to BS 747 on proprietary roof trusses @ 22.5° pitch @ 600mm c/cs with 25x100 sw horizontal bracing @ ceiling joists, ridge & node points, diagonal bracing from ridge to eaves on all sides. Trusses fixed to 100x75 sw wallplate held down with m.s. holding down straps @ 1.8m c/cs, built into wall. m.s. holding down straps fixed over end 3No rafters & ceiling joists @ 1.8m c/cs & built into wall. All bracing to BS 5268, 100mm insulation quilt laid between ceilng joists & 150mm insulation quilt laid over @ 90° with 12.5mm p/b & skim ceiling, min. 50mm clear air gap required at eaves with 10mm gap to soffit, covered with flyproof mesh, full length of all eaves, 175x25 sw fascia board, 10mm ply soffit board, 125mm dia. pvc guttering, discharging into 100mm dia. pvc RWP.
internal valley gutters to be pre-formed GRP on ply lining
new roof to be installed over existing flat roof, insulation to be provided to new areas only.

INTERNAL GUTTERS

internal valley guttering to be 300mm wide, 18mm wbp ply base, with 38x38 angle fillets @ wall junction, lined with code 4 lead, taken up wall min. 300mm & tucked into raked out joint, with tray d.p.c. over, lead taken up u/s of battens, min. 450mm.



WALL CONSTRUCTION

102 mm facing brick, 85 mm cavity filled with 85mm Rockwool cavity wall batts, 100mm lightweight blocks with 13 mm lightweight plaster finish, 250 mm galv. fishtail wall ties at 450 mm c/cs vertically and 750 mm c/cs horizontally, staggered with extra ties at reveals, cavity to be closed at openings with d.p.c. & insulation, beam fill at eaves, Catnic CN type lintels over door & window openings.
Internal load bearing walls to be 140 mm block, non-loadbearing walls to be 100 mm both with 13 mm lightweight plaster finish, Naylor Bros p.c.c. lintels over internal door openings. Rockwool plastic sleeved cavity barriers provided in walls at 8 m c/cs and at floor level, cavity sealed at eaves. tray d.p.c. @ edge of slab
General Movement Joints to be at 6 m c/cs in blockwork and 12 m c/cs in brickwork. Joints must not occur at lintel bearing positions, cavity ties to be within 300 mm of joint at every block course, joints to have flat ties, de-bonded on one side with Aerofil joint filler & 25 mm deep polysulphate sealer.
D.p.c. to be min 150 mm above ground level.

GROUND FLOOR CONSTRUCTION

65mm sand/cement screed on 40mm Rockwool Rockfloor insulation board on 2000g visqueen dpm lapped under blockwork on reinforced concrete slab as per Structural Engineers details, on 2000g visqueen dpm. on 50mm conc. blinding on 100mm min. well compacted, sulphate free hardcore.
All screeds to have light gauge wire reinforcement

GENERAL NOTES

All existing dimensions,sizes, & drain inverts to be checked on site prior to commencement
All work to comply with current B. Regs. & B.S.C.P. wether or not specified on dwg.

ORCHARD VIEW RES. HOME

PROPOSED PITCHED ROOF
TO EXISTING CARE HOME
39 GAWBER RD
BARNSLEY

SECTION

1:50 JULY14

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