PROPOSED SUN LOUNGE
@ 48 THE FAIRWAY, WILLOWBROOK PARK
OLD SALTS FARM ROAD, LANCING, WEST SUSSEX.
FOR. LUARD INVESTMENTS LTD.

No. AX/02376
3 JUN 2009

FOUNDATIONS

225 deep x 600 wide mass concrete strip below cavity construction. Minimum depth to be 700mm below ground level, or to suit site conditions.

FLOOR

18mm T&G flooring grade chipboard on 50mm x 100mm. C16 grade softwood joists, spaced at 400mm crs. on 50mm x 100mm softwood wall plates on DPC on 100mm thick brick, hollow sleeper walls at 1800mm crs. max. on 100mm thick oversite concrete on 100mm min. thick well consolidated hardcore.

Minimum distances should be observed, minimum 75mm between oversite concrete and underside of wall plate and 150mm between oversite concrete and underside of suspended timber floor joists. Floor to be laid level with existing.

Insulate floor by laying 120mm thick (2 layers) of"Celotex" Tuff-R Zero, GA3060Z between joists, supported by "Netlon"/similar nylon mesh or nailed in position leaving 25mm gap between underside of flooring and top of insulation sheets.

EXTERNAL WALLS

250mm cavity construction sealed. Outer leaf 105mm matching brickwork, inner leaf "Thermalite" Shield 2000 blockwork. 50mm wide cavity with stainless steel wall ties spaced at 900mm centres horizontally, 450mm centres vertically, staggered. 225mm centres at reveals.

Cavity filled with weak concrete up to 150mm below DPC. New DPC to be "Hyload" pitch polymer, bedded in mortar, positioned 150mm above ground and/or adjoining slab level. DPCs to all cavity terminations, horizontal and vertical. Flashings to all cavity bridgings and vert. DPCs as indicated.

New work to be well secured to existing mobile home and joints well weatherproofed with mastic.

WINDOWS & PATIO DOOR

Good quality UPVC units by specialist, with hermetically sealed double glazing. All glazing to comply with BS6206:1981 and Part N of the Building Regulations.

Windows to have openable sashes equivalent to min. 1/20th of room floor area and trickle vent for back ground ventilation to provide 8000 sq.mm.

RAINWATER DISPOSAL

100mm diam. half round UPVC guttering and 64mm. diam. rainwater pipe, take to new soakaway minimum 4.570m from any building via 75mm diam. UPVC pipework laid in pea ballast at minimum 1: 80 gradient. Soak pit to be 1.000m cubed below invert level of pipework.

ROOF CONSTRUCTION

"Decra" roofing system, galvanised steel tile profile with stone chip surface, colour to match Mobile Home on "Tanalised" battens and Du Pont "Tyvek" Supro breather membrane with 150mm. minimum laps horizontal and vertical, on Specialist Trussed Rafters spaced @ 600mm crs. 50mm x 100mm softwood wallplates.

Ceiling 10mm "Duplex" plasterboard with "Artex" finish.

Roof secured to walls with 30mm x 5mm galvanised metal straps at 2.000m crs. max.

Lay 150mm insulation quilt in between trussed rafters in contact with ceiling board.

Provide over fascia ventilation to vent roof space.