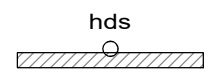


ROOF LEGEND

45° PITCH

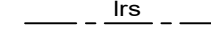
roof pitch shown thus, pitch has been determined by approved planning drawings and should not change without prior notification



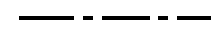
100/150 x 50mm sw wall plates with 1200 x 30 x 2.5mm gms holding down straps at max 2000mm centres plugged & screwed to wall



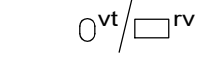
fire stops to eaves boxing on line of party walls formed with mineral wool and 2 no. layers expanded metal lath, party walls to be built up to 25mm below top truss, gap to be fully filled with fire sock all installed in accordance with manufacturers instructions



1200 x 30 5mm gms lateral restraint straps on solid noggins with packing between wall and 1st joist



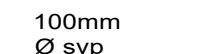
steel beams, all to structural engineers design and detail to protected with intumescent paint to achieve min 1/2 hour fire resistance



vent tiles and ridge vents to manufacturers details



sanitary room extract ducted to vent in roof



svp taken through roof and terminated with domical cage and weatherproof collar only where at end of drain run, otherwise terminated with dargo air admittance valve in roofspace, for relevant situation refer to the civil engineers drainage / engineering layout

GENERAL CONSTRUCTION NOTES

roof layout as drawn is indicative only, chosen contractor will be required to provide a detailed roof layout indicating all necessary details to enable on-site construction where roof timbers are parallel to walls, 30 x 5mm galvanized m.s. straps are to be provided at 2000mm centres, straps to be fixed over or under 3 no. rafters/ joists as situation requires with timber blocking pieces between

steel work over within roof void to structural engineers design & details, all steelwork to have fire retardant coating applied to specific manufactures requirements.

insulation in sloping roof areas to be 100mm Celotex GA4000 fitted in between rafters, plus celotex 50mm fitted beneath rafters

roof tiles as approved external finishes schedule, all installed in accordance with manufacturers recommendations

all roof spaces above horizontal ceilings to be insulated with 2 No. 150mm layers of insulation cross laid

WALL LEGEND

Facing Brickwork 103mm thick

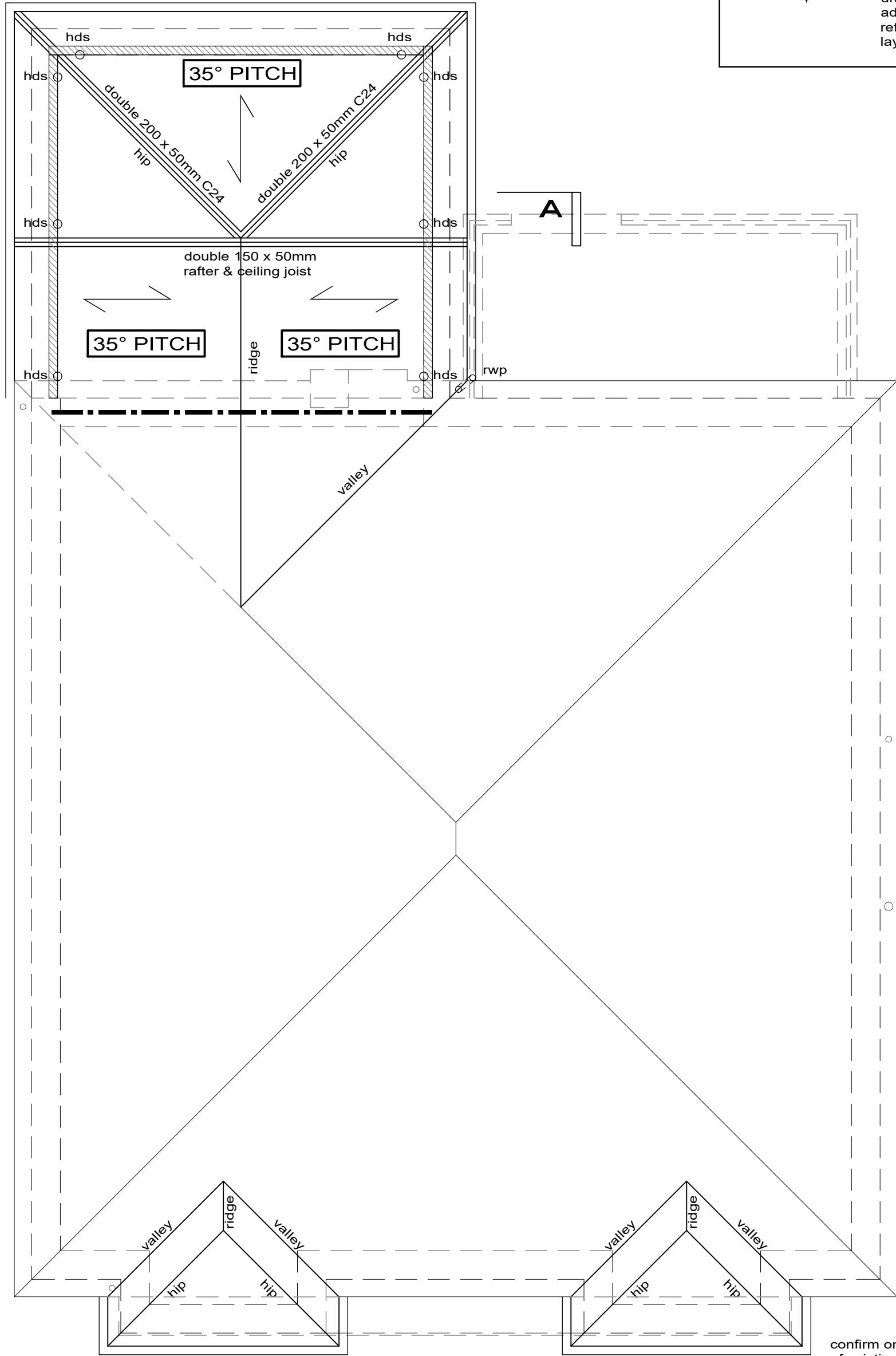
Dense blockwork 7.3N/mm² 100mm thick unless noted otherwise

Thermal blockwork 3.5N/mm² 100mm thick unless noted otherwise

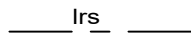
Internal timber studwork 70mm thick with 15mm plasterboard either side

Movement / expansion joint to be 10mm wide using 10mm wide hydrocell, as joint filler with approved mastic pointing

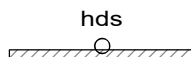
NB: movement joints to be at max.. 6m centres in blockwork and max.. 12m centres in brickwork



ROOFSCAPE LAYOUT



1200 x 30 x 5mm gms lateral restraint straps on solid noggins with packing between wall and 1st joist

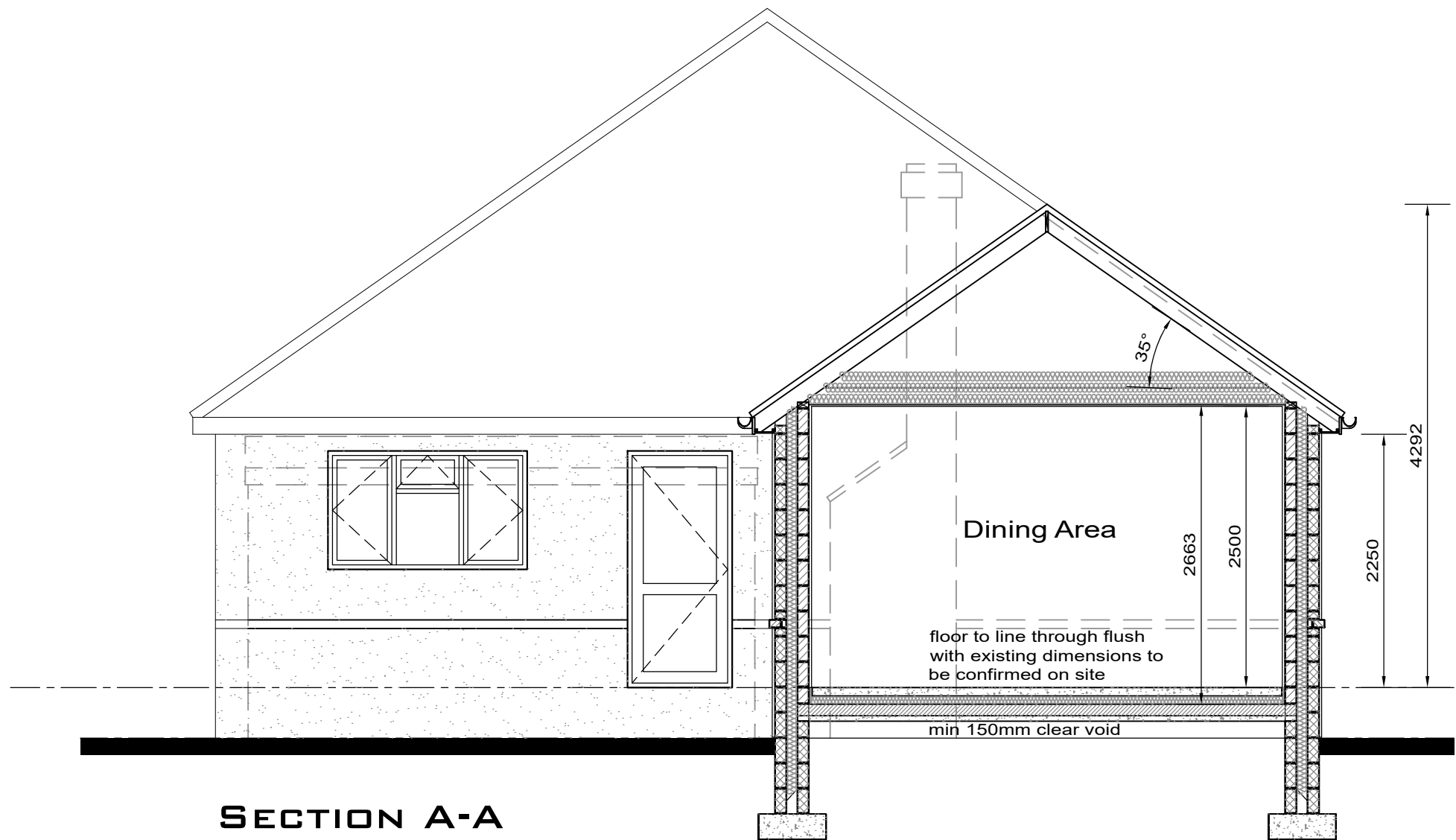


100 x 50mm sw wall plates with 1200 x 30 x 2.5mm gms holding down straps at max. 2000mm centres plugged & screwed to wall

All leadwork to be in accordance with the lead association handbook and details.

All dimensions to be confirmed on site

confirm on site the suitability of existing bays structure to take additional roof loadings



SECTION A-A

75mm reinforced cement sand screed (1:3 cement:sand), on 500 gauge polythene vapour control layer (lapped 300mm minimum) on 75mm Celotex GA4000 insulation with 30mm Celotex TB4000 insulation turned up at edges or similar approved insulation, on 1200 gauge polythene damp proof membrane with joints overlapped min 450mm wide and tucked into D.P.C on specialist designed 150mm deep pre-stressed concrete beams with infill blocks 440 x 350 x 100mm minimum strength 3.5N/mm², (density 1350kg/m³).

Pre-stressed concrete beam and infill block design / layout by specialist. Under floor void ventilated by means of prefabricated vents, to give minimum 1500mm²/m run of wall. Top soil beneath floor to be removed, maintain minimum 150mm clear void under beams. Under floor surface to be treated with an herbicide.

concrete tiles to match existing on 38 x 25mm treated sw battens on Tyvek Supro breather membrane on 150 x 50mm rafters with 150 x 50mm ceiling joists at 400mm centres

proprietary ridge ventilator to provide ventilation at least equal to a continuous strip 10mm wide

300mm mineral wall, 150mm laid between ceiling joists and 150mm cross laid over

proprietary eaves ventilator to provide ventilation at least equal to a continuous strip 10mm wide

15mm through coloured K rend to match existing on 100mm dense blockwork 100mm cavity with full fill dritherm 32 cavity slabs & tied with s.s. ties at 750mm horiz. & 450mm staggered vert. centres 100mm aerated blockwork finished with 12.5mm wallboard (moisture resistant to wet areas) on 10mm dabs

dpc to be impervious bituminous sheet material, 150mm minimum above ground level

concrete foundation size & depth to suit site conditions & as agreed with building inspector, provisionally foundations, generally to be ready mixed concrete strip foundations, minimum Gen 1 Grade taken down minimum 900mm below finished ground level. Minimum dimension to be 600 x 225mm under external cavity walls.

REV.	DATE	DETAILS	DRAWN
A	22/04/21	BAY ROOF UPDATED	*

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PROJECT TITLE:
**23 PARK ROAD
CHANDLERS FORD
SOUTHAMPTON**

DRAWING TITLE: ROOFSCAPE & SECTION A-A	SCALE: 1:50 @ A1
DATE: JUNE 2020	CHECKED BY: -
DRAWN BY: GE	REV.: A
DRAWING NO.: 711825/369-021	



**JAGS
ARCHITECTS**
ARCHITECTURAL CONSULTANTS

46 Lingwood Close, Bassett, Southampton, Hampshire. SO16 7GJ
Tel. 023 8076 7284 E-Mail. admin@jagsarchitects.co.uk
Web. www.jagsarchitects.co.uk
Registered in England Number 4907968