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LOCATION PLAN
Scale 1:1250

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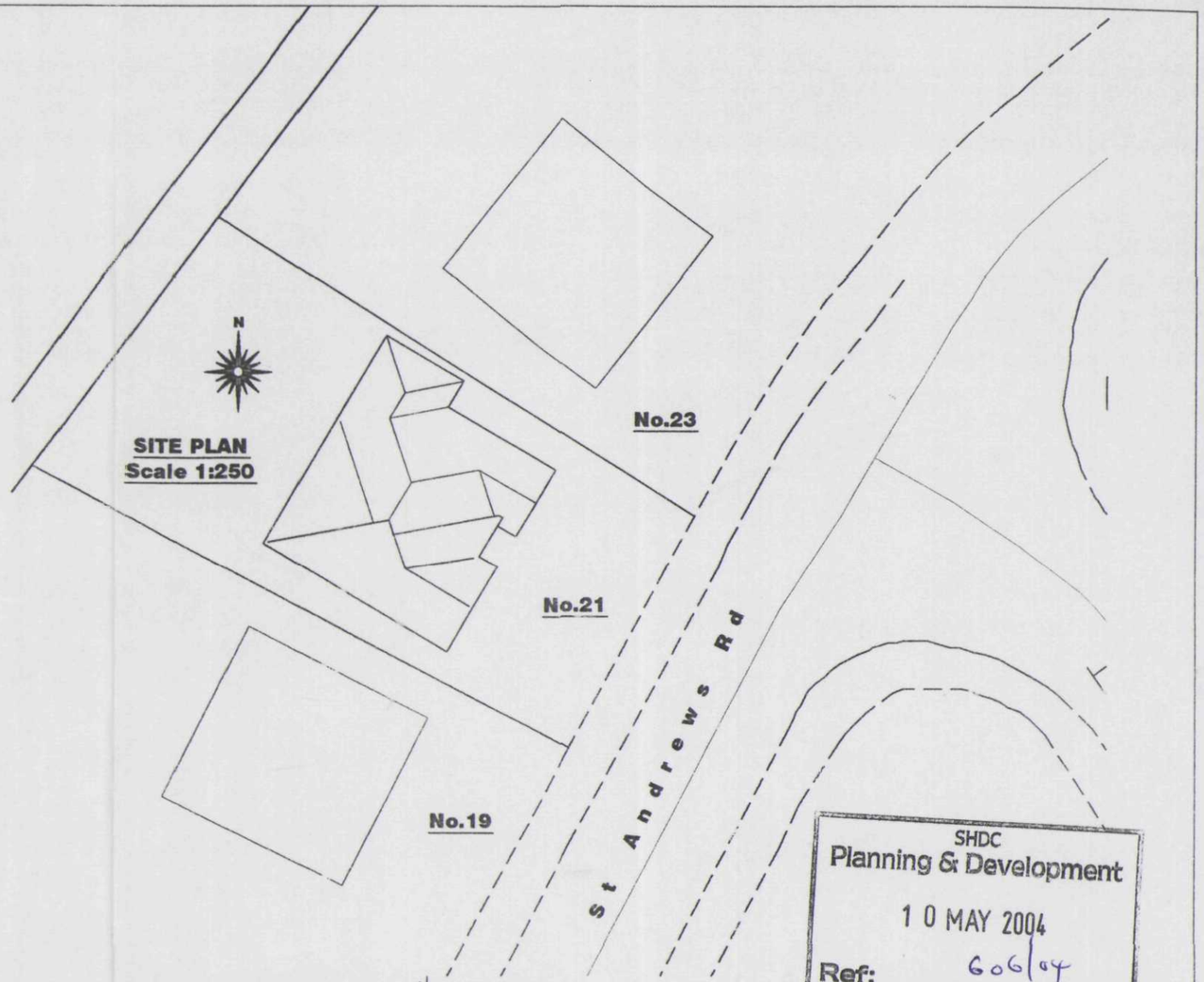


SHDC
Planning & Development
10 MAY 2004
Ref: 606/04

DETERMINED PLAN

ROOF FINISH

Concrete Interlocking Roof tiles to match existing& fixed in accordance with manufacturers instructions and in accordance with BS 5534:Parts 1 and 2.Set out to give true lines and regular appearance, fitting neatly at all edges, junctions and features.Fix tile roofing to make the building sound and weathertight at the earliest opportunity.Repair any defects as quickly as practicable to minimise damage and nuisance & keep gutters and pipes free of debris and clean out at completion.Provide 50x25 preservative treated timber battens.Tiling battens should be not less than 1.2m long and continuous over at least 3 trusses.They should be fixed to every rafter member which they cross, or on which they are joined, with nails in accordance with BS5534: Part 1. The ends of the battens should be sawn square and butt jointed centrally on a rafter member so that adequate bearing and nailing can be provided for each end of each batten.Butt joints in battens should be arranged so that not more than one batten in four is joined on any one rafter.Generally all tiles at perimeter of roof to be clipped and nailed. Use Code 4 Lead flashing to all abutments with min.75mm upstand.

ROOF VENTILATION

Install Tyvek® or similar approved Breathable Membrane in accordance with manufacturers instructions which are briefly described below & BBA certificate 99/3635 (fourth issue) breather membranes in non-ventilated pitched roofs of any plan, any shape or any size under all types of roof coverings including tight jointed and fully interlocking tiles and synthetic slates. Installing Tyvek® underlay in accordance with the above certificate will enable a roof to meet all the requirements of the Building Regulations.

Installation Guidelines

Tyvek® SUPRO should be installed with min. 150mm overlaps as a standard bituminous felt underlay and secured with stainless steel staples or large headed galvanised clout nails.

Eaves:

There is no need to provide any vents into the loft at eaves, because a Tyvek® non-ventilated roof system does not rely upon air movement beneath the membrane to avoid damage by condensation.To avoid water ponding behind the fascia of closed eaves and to prevent prolonged exposure of the membrane to ultra-violet radiation, use a Tyvek® Eaves Carrier. Stop the membrane short of the fascia and lap it onto the Eaves Carrier.Pack closed eaves with fibrous insulation to reduce thermal bridging.

Verge detail:

Lap the Tyvek® underlay 50mm onto the gable or flying rafter.

Ridge/ hip detail:

Extend the Tyvek® underlay 150mm from each slope and overlap it at the ridge/ hip line. There is no need to provide vents at the ridge.

Valley detail:

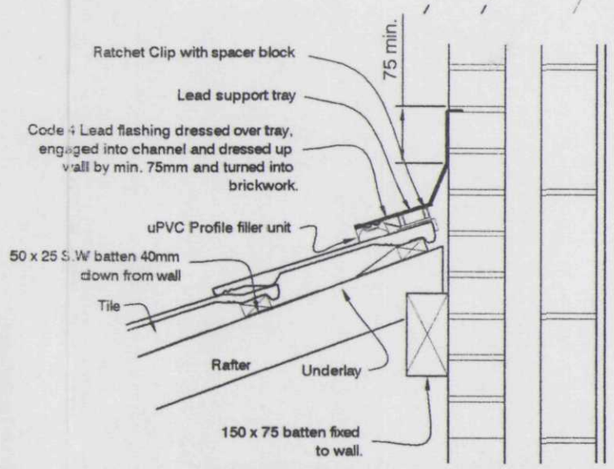
Extend the Tyvek® underlay from each slope by 150mm beyond the valley centre line and seal the lap using Tyvek® Butyl Tape to form a watertight seal.

Abutments:

Turn up the Tyvek® underlay beneath flashings not less than 50mm.

Penetrations:

Seal around all penetrations using Tyvek® Butyl Tape.



TYPICAL ROOF TOP ABUTMENT DETAIL
Not to Scale

Note: The detail shown is a typical constructional method to provide the roof space with 5000mm² at the top edge.This detail should be adapted to suit specific site conditions and always to the satisfaction of the Building Inspector.

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Date: march 04 | DRG No MP-02 | REV: