new roof construction: 35 degree pitch roof. Planning Authority Approved interlocking roof Tiles with min 75mm headlap on 50 x 38mm sw battens on 1 layer sarking felt on trussed rafters at 600mm cts.
Note: roof trusses to BS 5268 Part 3 1985, longitudinal wind bracing to be provided. Calculations for trusses to be forwarded to Building Control once trusses ordered

2no. VELUX rooflights installed to manufacturers specification. 100 x 75mm sw trimmers to form opening between rafters.
All glazing to roof lights ta be toughened or laminated to BS 6206.

fit rafter trays to the foot of rafters to prvent insulation blocking eaves ventilation

provide cavity closer at top of cavity wall.

100 x 75 mm sw wallplate fixed to masonry wall with 38 x 6mm m.s straps at 2000mm centres.

provide a 25mm continuous fly screened vent gap at eaves with propritory rafter tray.

lateral restraint to be provided to 1st floor joists with 30 x 5mm galvanised strap carried over min 3no joists not exceeding 2m intervals. The joist adjacent to the wall should be soildly blocked against wall

double up floor joists and bolt together to stairwell opening. fix using Timber – timber galvanised joist hangers to BS EN 10142

lay 100mm thick Isowool General Purpose Roll (min density 10 kg/m³) between new floor joists.

fix 12.5mm foil backed plosterboard to underside of new floor joists, ceiling to achieve 30mins fire resistance.

Dpc min 150mm above ground level & at slab level

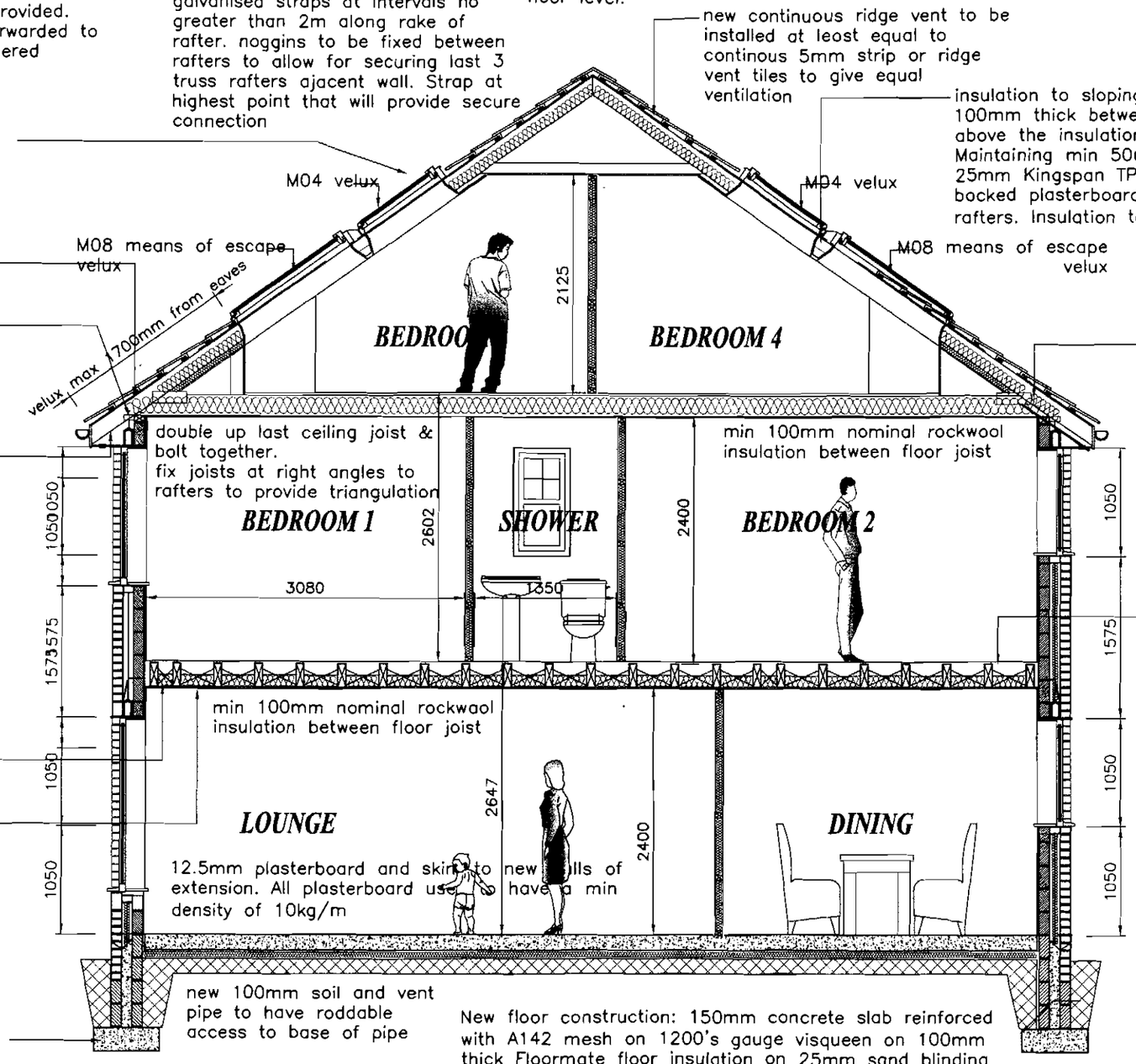
weakmix cavity fill with weep holes above to outer leaf

FOUNDATIONS 225mm min thickness, strip foundations to project 150mm min either side of supported wall. Foundations to be min 900mm to bottom of strip footing and taken down to level below invert of any drains passing under or immediately adjacent to the building. Trench fill foundations should be greater than 500mm thick.

Provide restraint to gable wall and roof truss rafters with 30 x 5mm galvanised straps at intervals no greater than 2m along rake of rafter. noggins to be fixed between rafters to allow for securing last 3 truss rafters ajacent wall. Strap at highest point that will provide secure connection

All glazing to critical zones to be toughened or laminated to BS 6206. i.e glass to doors within 1500mm of finished floor level, and to screens/ windows within 800mm of finished floor level.

new attic trusses to form loft rooms – trusses to be designed by others and fitted to manufacturers instructions / designs



insulation to sloping ceilings to be Kingspan TP10 100mm thick between rafters. Battens to be fixed above the insulation to side of rafters thus Maintaining min 50mm air gap above insulation. 25mm Kingspan TP10 insulation and 12.5mm foil bocked plasterboard qnd skim to underside of rafters. Insulation to achieve 'U' value of 0.2W/m K

Insulation to roofspaces ta be min 250mm glass fibre insulation. lay insulation in 2 layers, 150mm bottom layer layed between ceiling joists and 100mm top layer layed in opposite direction

provide cavity closer at top of cavity wall.

100mm half round upvc gutter fixed to upvc fascia

100 x 75 mm sw wallplate fixed to masonry wall with 38 x 6mm m.s straps at 2000mm centres.

First floor construction: 22mm blockboard on 225 x 75mm C16 joists at 400mm cts. supported off existing loadbearing mosonry wall and off new cavity wall. fix one row of Catnic herringbone joist struts at mid span. Double up joists under bath. Joists fixed to existing woll with Catnic hangers or built into wall. Golvanised joist hangers as follows.
Brick – timber hangers to BS 6178.
Timber – timber hanger to BS EN 10142
Dpc min 150mm above ground level & at slab level
min 600 x 225mm contrete strip footing, depth to be confirmed building inspector

Building Contral Officer to confirm if Gas Membrane is required to underside of slab if dwelling is within 200M of a land fill site. Contractor to pour slab once confirmation is received and not before

upvc Window and doors to have 150mm wide D.P.C to BS.743 tacked to frame prior to fixing.

New floor construction: 150mm concrete slab reinforced with A142 mesh on 1200's gauge visqueen on 100mm thick Floormate floor insulation on 25mm sand blinding on min 150mm well consolidated hardcore fill. floor insulation to be taken up around perimeter of floor slab to prevent cold bridging. Note: Ground bearing slab is to be used if ground is of firm condition and adequate to support slab, Building inspector to confirm condition prior to slab being poured . Alternative design by Structural Engineer

new 75mm diameter upvc rwp to new b.i.g connected to new inspection chamber. it is assummed that drainage system is combined.

Strip foundations:
Services should not pass through strip foundations but through the masonry above. Adequate lintels should be provided in the masonry.
Trench fill foundations;
where services pass through trench fill foundations. Services to be either sleeved or passed through a suitably strenghened opening in the foundation.

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INCOMPLETE SET

PLANNING
CK'D
29 MAY 2008

SECTION THROUGH A–A

PROJECT:
NEW LINKED TERRRACED HOUSES

229 MOSTON LANE EAST, NEW MOSTON

SCALE: 1:50	DRAWN: N/A
DATE: 31.04.08	AUTHORISED N/A

Dwg No. BL:00:01 REV

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