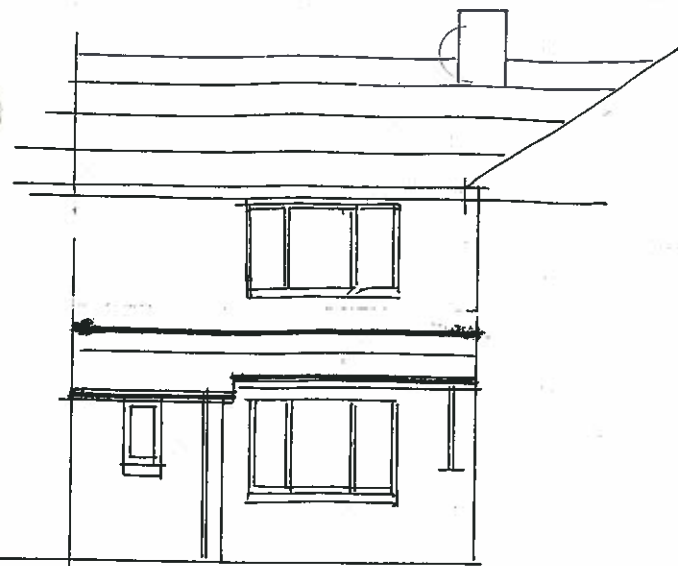
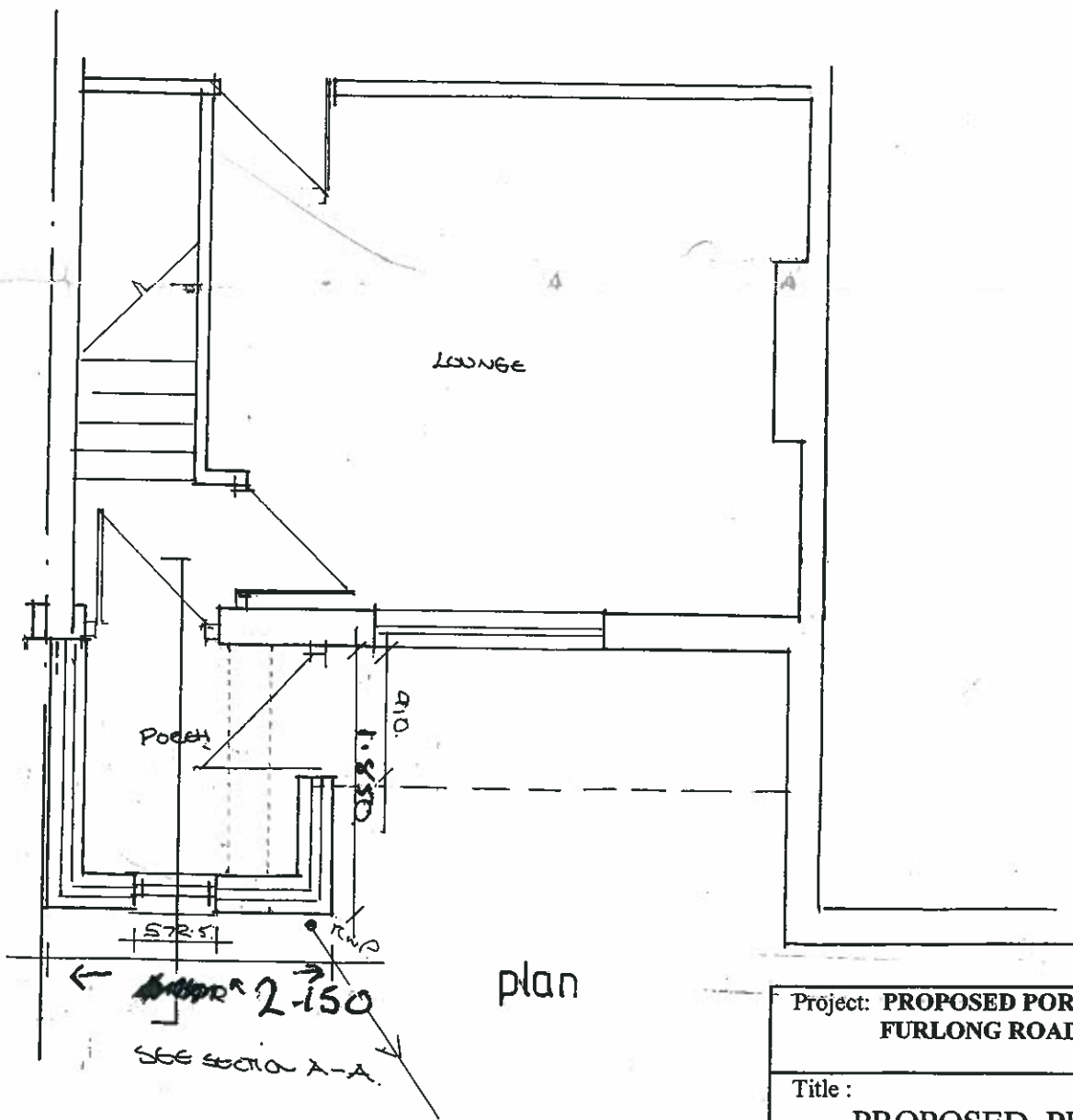


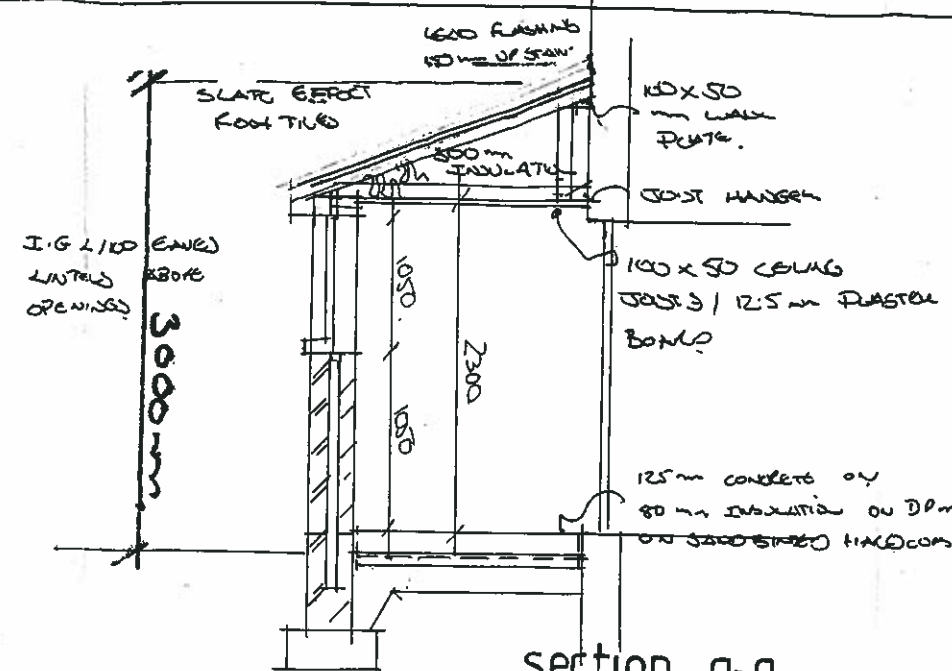


front



plan

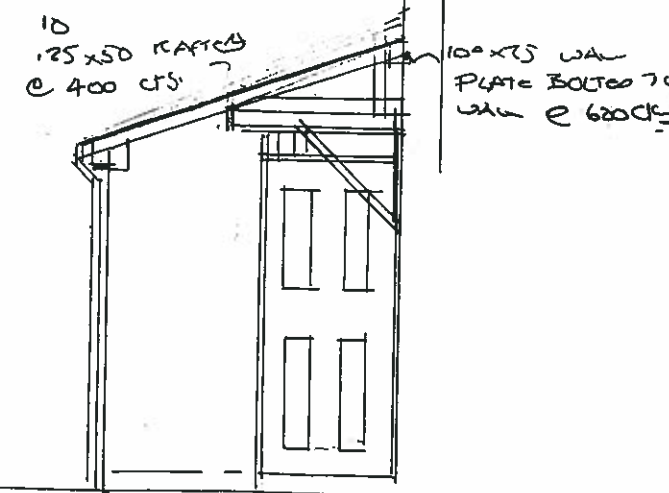
Project: PROPOSED PORCH AT NO233 FURLONG ROAD	
Title: PROPOSED PLANS	
Date OCT 08	Scale: 1:100, 1:50 REL. A



section a-a



front



side

JULY 09:
DIMENSION AMENDED TO
BE AS FACING REQUIREMENTS
OF 3m² IN EXTERNAL FLOOR
AREA.
AUG '09 -
HEIGHT AMENDED TO 3m TO RIDGE MAX

Foundation TO be in strip footings 600 x 225 mm cavity walls and 400x200 mm to load bearing 100mm internal Walls, foundation to min 750mm deep but in clay subsoil's This is to be walls below ground level to be 7 N/MM foundation blocks.

Roof: eternity or slate roof tiles on 50x25mm s.w tantalized On breathable roofing felt, on 125 x50 mm rafters @400 cts triangulated with 100 x50 ceiling joists fixed to 100 x 75mm wall plate @600mm cts under drawn with 12.5mm plaster board. First 3 trusses to be strapped to wall with mild steel straps at 1800 mm cts to ceiling joists. Noggins provided under Metal straps to prevent deflection. 12mm external quality ply soffit or 10mm PVC soffit boards & 25mm PVC fascia board, 100 x75mm wall plates Held down to wall at 600 cts with mild steel wall straps. Where roof abuts wall .25mm min air gaps Continuous eaves vent fixed to so fits with insect mesh. Tray roof vent lay between rafters to trusses to give a 50 m Continuous airflow between insulation and trusses,

Ventilation: Windows to be no less than 1/10 of floor area and Opening to be 1/20 of floor area. Windows to have Trickle vent in window to give 8000mm² of ventilation. Eaves vents incorporated in so fits to give 25mm Continuous air gap. With insect mesh
Windows to be min clear opening of 450mm x760mm.
Windows to be double-glazed to match units with 16mm air gap & LOW E coating

Walls: 102.5mm x75mm external bricks outer leaf, with 100mm Crown Dritherm (Knauf insulation)cavity batts internal leaf 13mm plasterboard and skim internal finish to achieve 0.30 w/mk Galvanised wall ties at 450mm vertical Cts, 750mm horizontal cts and at every block course to Reveals. DPC to all walls min 150mm above adjacent Ground level. Cavities closed at reveals with closure blocks and DAMCO insulated vertical DPC. Walls below Ground level to be foundation blocks and cavity in filled with a weak concrete mix.

Insulation: Roof voids to have 300mm rock wool insulation over ceiling joists to achieve 0.16w/m²k
External wall 100mm insulation to 0.30w/m²k as wall Specific at SAP energy rating to be over 60.

Floor: 150mm concrete slab on 80mm TP10 kingspan insulation ,with 25mm tTP10 kingspan to edge of slab to external cavity walls to achieve 0.22 w/m²k, on Rabon barrier dpm turn up sides of slab to over lap dpc in wall ,on sand blinded hardcore

Drainage. Surface water to discharge to existing drain and soak away .Soakaway to be 1m³capacity and 5 meters away from extension.

Electrical: All work to be carried out by a competent person who is registered under the competent Self Certification Scheme, Part P OF Building Regulation. A competency person is a fully qualified electrician, ability to check circuit for safety and issue a minor works Certificate eg Self Certified "Competent Person" upon completion of the work carried out. All electrical works to comply with current I.E.E Regulations, all fittings to be earthed to this requirement. Electric sockets/switch to be max 1200mm/min450@ Ground floor

Lintels: lintels by I.G external walls to have L1/E 100 EAVES Lintels, to be of standard Manufacture, correct depth in relation to span and loading.
Lintels to cavity wall external Openings to have tray dpc over and stop ends and weep holes at either side of lintel
plus one small radiator.