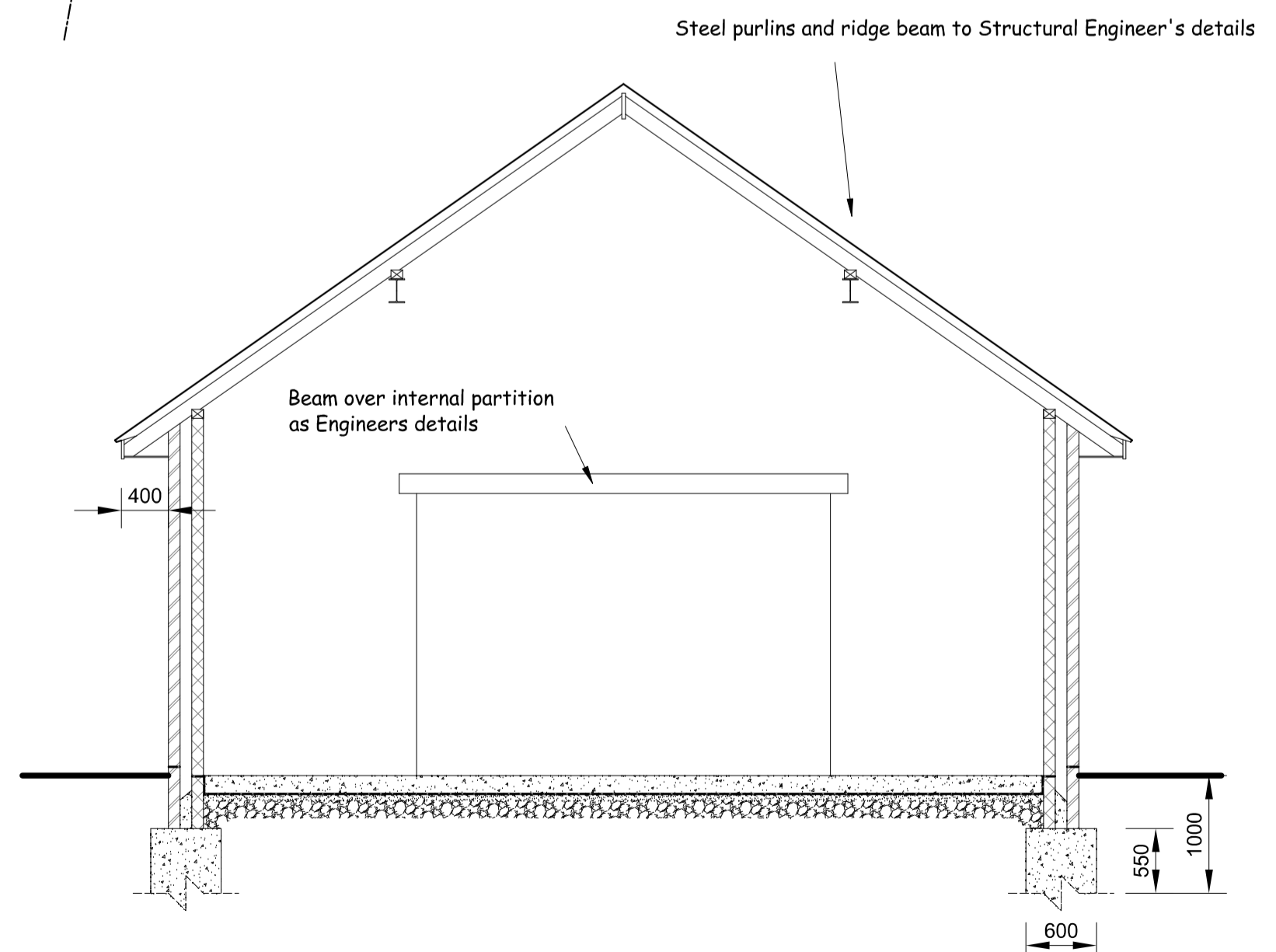


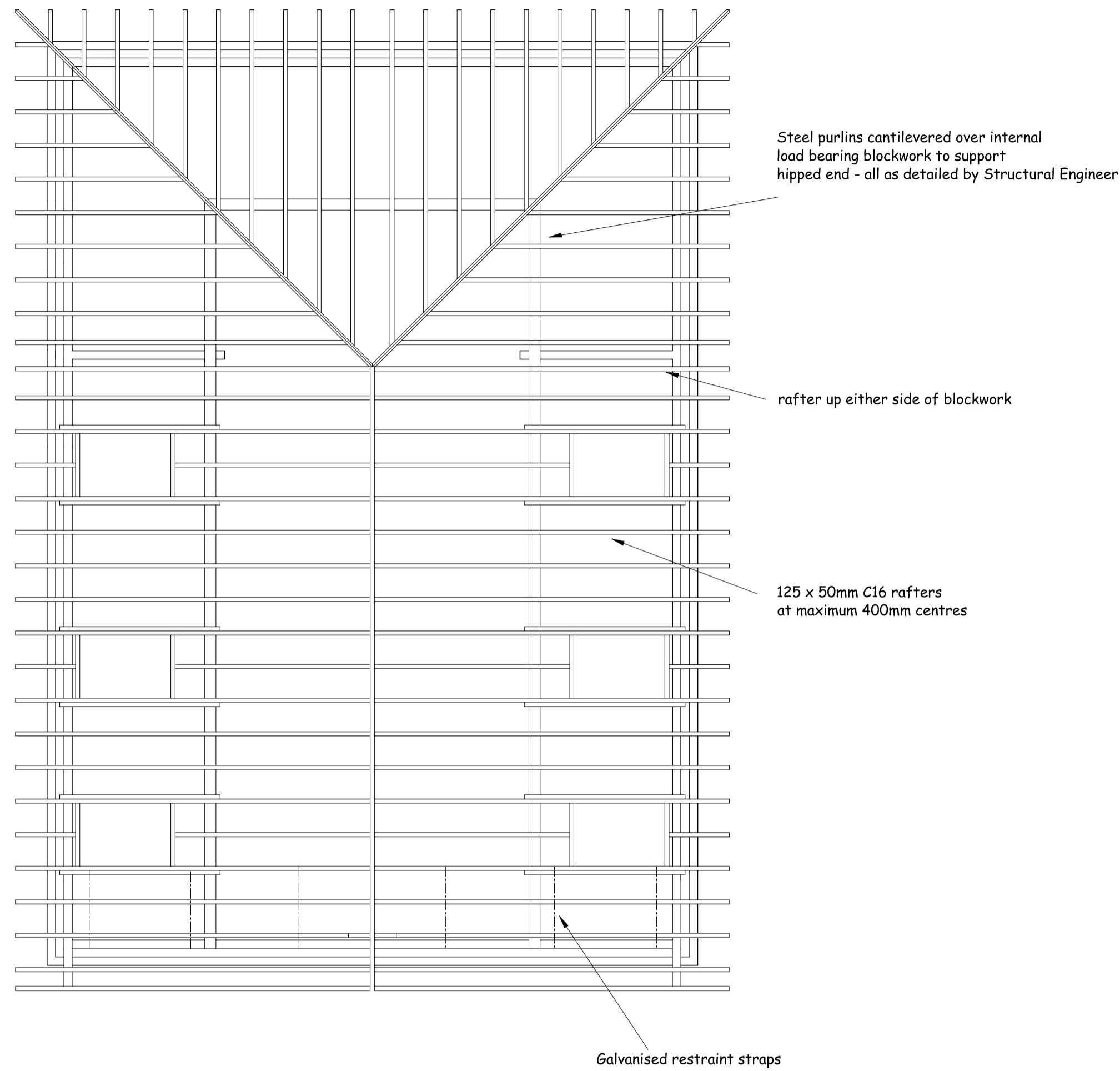
PROPOSED FLOOR PLAN



SECTION DETAILS

NB Foundations shown are provisional subject to ground conditions encountered and subject to Structural Engineers details provided seperately

Joists doubled up where trimming out around roof lights



ROOF DETAILS

**Foundations**  
Subject to ground conditions encountered, but minimum 600 x 550 mm C35P deep strip foundation at a minimum depth of 1.00 m, reinforced as Structural engineers details. Two skins of 100mm th 7n/mm2 concrete brickwork/blockwork in cavity wall. Weak mix concrete cavity fill below ground level. 2000 gauge visqueen DPC. Facing bricks taken down at least two courses below ground level.

**Ground Floor Construction**  
175mm th C35P concrete slab laid to slight fall with trowelled finish and reinforced as detailed by Structural Engineer on 1200 gauge Visqueen DPM on sand blinding on minimum 150mm th sulphate free hardcore.

**External Walls**  
300mm th cavity wall comprising 100mm th external skin of facing bricks, 100mm overall width cavity formed with 4no stainless steel vertical twist wall ties per M2, minimum length 225mm conforming to the requirements of DB140 part 2 type 1 ( masonry - heavy duty ). 100mm th inner skin of 7N/mm2 dense concrete blockwork. DPC around all openings and insulated Catnic lintels above openings. Incorporate bed joint reinforcement where indicated by and as detailed by Structural Engineer

**Roof Construction - pitched**  
Plain tiles with matching ridge, hip and tile and halves on 38 x 25mm treated laths on Tyvec or equal breathable felt. 100 x 75 mm wallplates bedded in mortar and strapped down at maximum 2.0m centres. Steel purlins and ridge beam where shown to be as Structural Engineers details supplied separately including 100 x 75 mm pole plates bolted to top flange with M12 bolts at 900mm centres. Rafters to be 125 x 50 mm C16 grade treated timbers at 400mm centres. Rafters to be doubled up and nailed together where trimming out for roof windows. Fix galvanized restraint straps to last three rafters running parallel with gable walls, straps to be fixed over three rafters, built into block work and turned down cavity, straps to be at maximum 2m centres. Fix Timber fascia and soffit boards to match existing.

**Drainage**  
New drainage to comprise 100 mm Supersleve pipework laid on pea gravel bed at 1 in 60 falls and back filled with selected excavated material. Any drains found to run beneath floors to be exposed and encased in concrete. All RWPs to discharge over trapped gullies. Excavate to investigate existing surface water drainage, if suitable connect new rainwater pipes into existing system alternatively new surface water drainage to discharge to new soakaways formed a minimum of 6m from any buildings

**Glazing**  
Glazing to doors and windows in critical locations to be Class C of BS 6206 1981.

**Steelwork**  
All steelwork and padstones etc. to be as details provided by Structural Engineer and to be factory primed

  
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**CLIENT**  
Mr T Simpson

**PROJECT**  
Proposed Replacement Garage  
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50 Caverswall Road  
Blythe Bridge  
Stoke-on-Trent  
Staffordshire  
ST11 9BG

**DRAWING NUMBER** 11/359/03 (A)  
**Proposed Details**

**SCALES** 1/50 @ A1