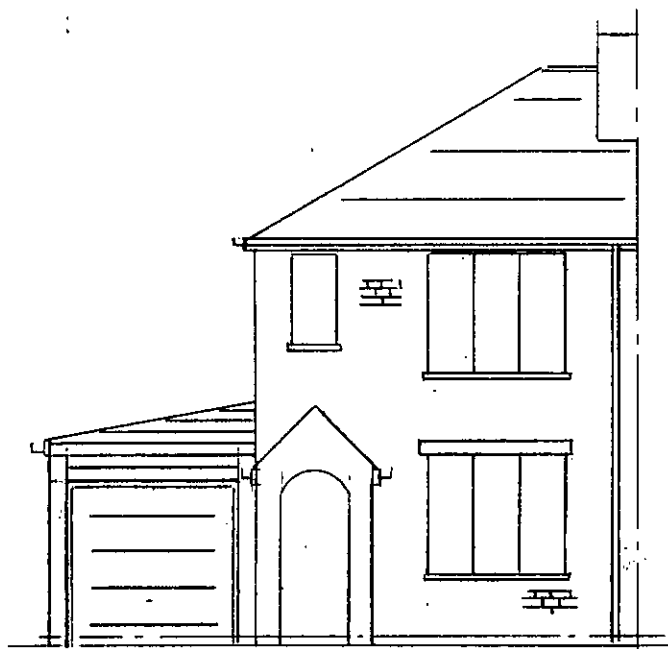
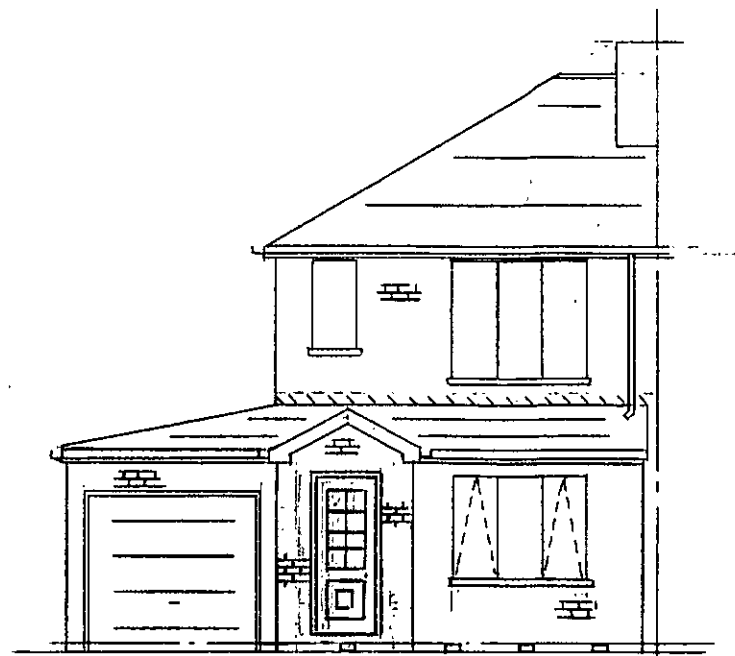
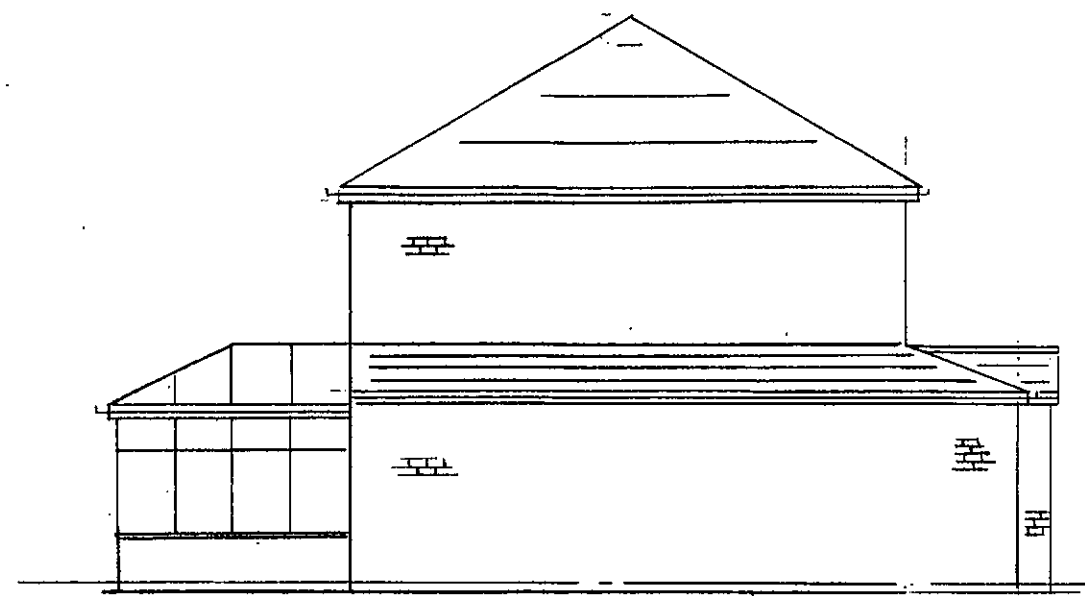




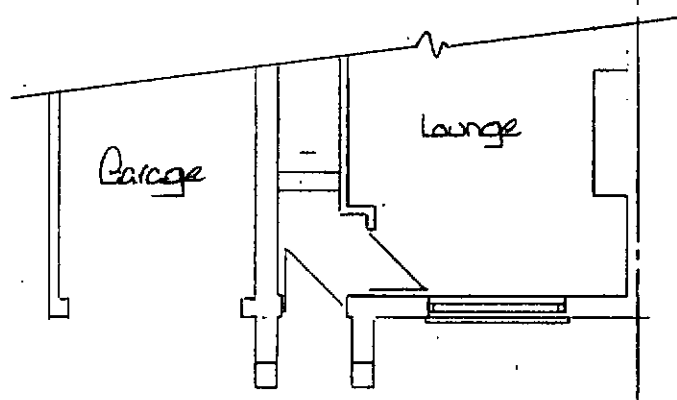
EXISTING FRONT ELEVATION



PROPOSED FRONT ELEVATION



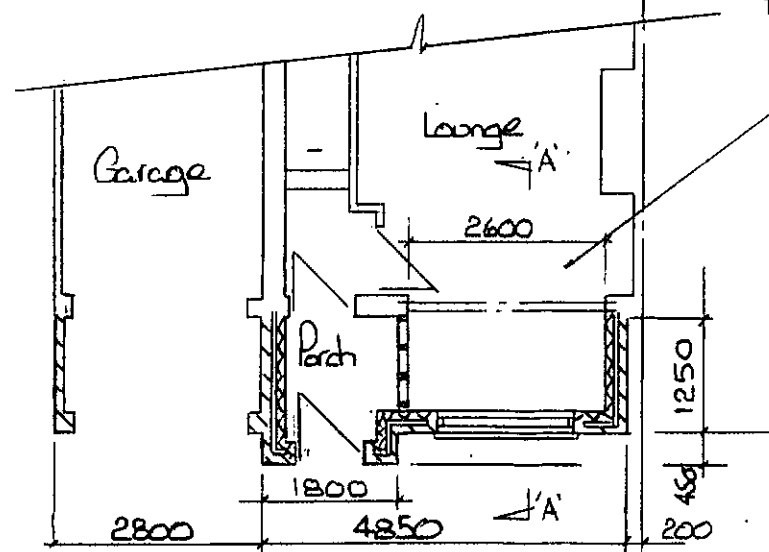
PROPOSED GABLE ELEVATION



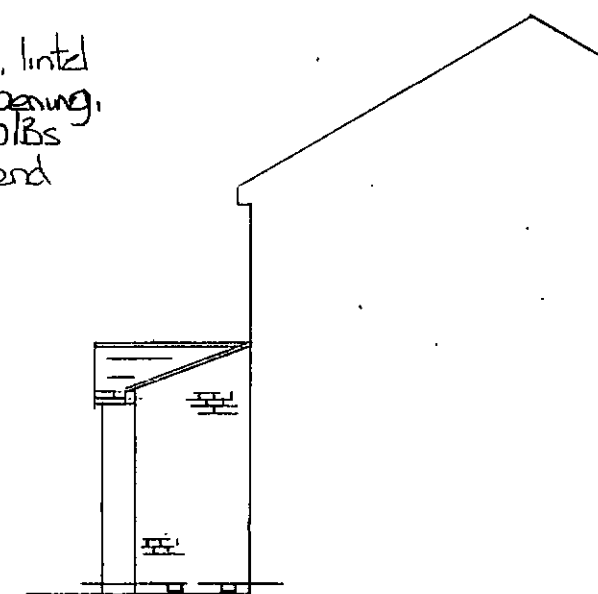
EXISTING FRONT PART GROUND FLOOR PLAN

Note
Existing front porch to be taken
down before work commences

Take out existing window, lintel
and brick to form new opening.
Support over with 2x10 U/Bs
(See Calc's re steelwork and
padding)



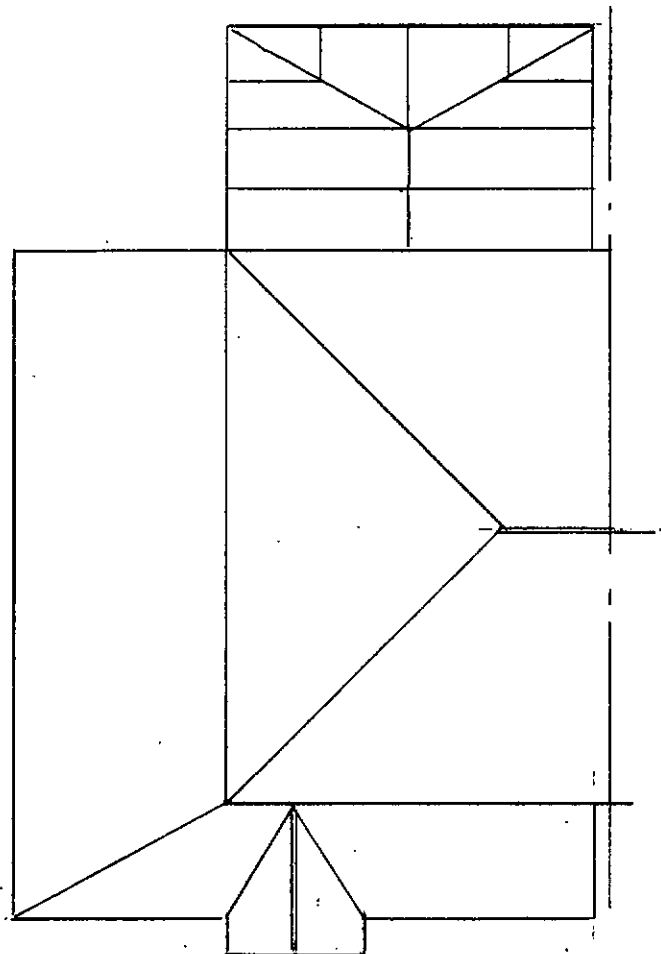
PROPOSED FRONT PART GROUND FLOOR PLAN



PROPOSED FRONT SIDE ELEVATION FROM N°11

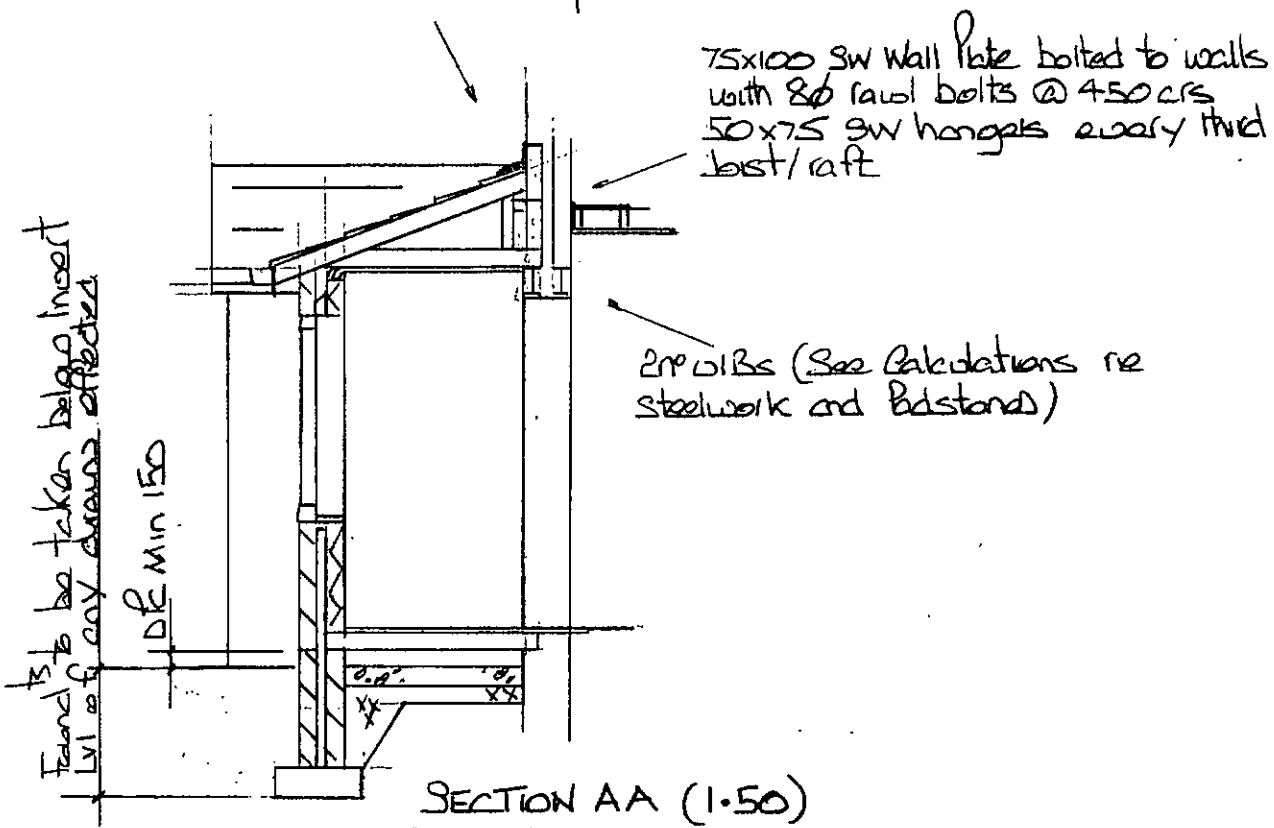
PROPOSED FRONT GROUND FLOOR
EXTENSION TO 9 PARK HILL ROAD,
WOMBWELL, BARNSLEY

1:100



Proposed Roof Plan

Code 4 lead flashing dressed into
buck with Min 150 upstand



SECTION AA (1:50)

All dimensions and levels to be checked and verified on site. Any discrepancies to be reported before work commenced.

Regs - The project to which this drawing applies should if applicable be undertaken in full compliance with the CDM regulations (2007) and under the control of a client appointed supervisor.

Party wall act - any work that is carried out adjacent to any existing party walls and boundary party walls the client is to ensure that the requirements of that act are to be discharged prior to commencement of any work.

Roof Construction - Tiles to match and be consistent with existing on 50x25 SW treated battens on Tyvek or similar breathable roofing membrane on 50x100 C16 rafters and joists @ 400 c/s. 50x150 hipboard on corner angle brace & Dragon tie @ base of hipboard with wall plate.

Rafters and joists to be anchored to walls with 30x5x1000 Gms straps down 6 courses and across min 3 joists, noggins between where straps are used. Insulation in roof space to be 270mm fibreglass bat insulation. 100mm between joists and 170mm @ 90° under eaves with 12.5mm Plbd and skim. 50mm air gap between insulation and u/s roof.

Wall Construction - External leaf to be 102.5mm matching brick. Inner leaf 100mm 4.2 N/mm² solid aerated blockwork. 100mm cavity filled with 100mm Dritherm batts. Inner leaf faced with 12.5mm Plbds on Phosol Dabs with 6mm skim finish. Min U Value 0.28 wlm² K. Eng brick below D.E. Lvl. Cavity to be filled with weak mix concrete min 225 below D.E. S/S ties @ 5/sqm and 225 vertical to unbanded joints. Thermobate cavity closed to sills and reveals. Brickwork and blockwork to be suitably bonded to existing (either toolbed every other brick or use fir fix profiles).

D.E. - 2000g dpc to walls Min 150mm above ground floor Lvl. Vertical dpc's and weather checks to all external openings.

A/Bs - to be 150x225 Min 450 from corners and Max 150000 with cavity liners and dpc trays over.

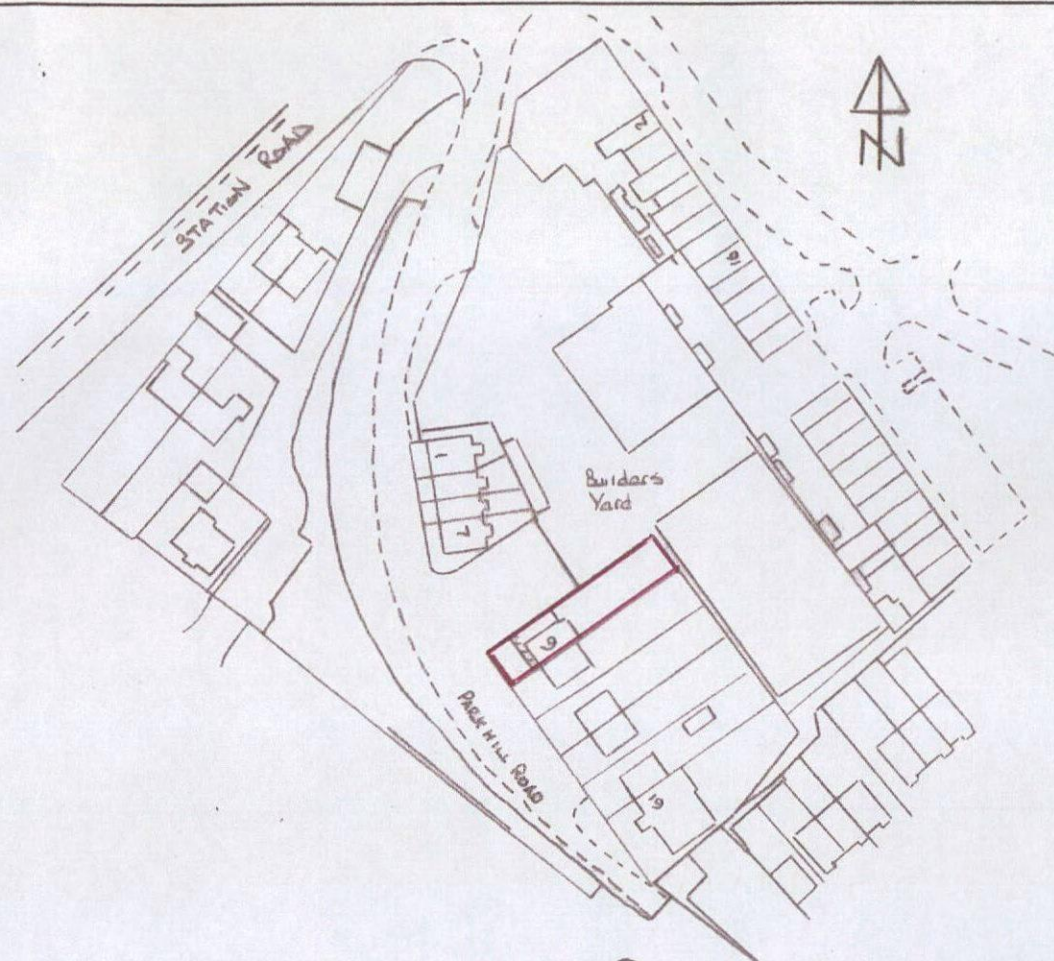
Base - to be Min 100mm concrete over 150mm consolidated hardcore.

Ground floor Construction - 50x125 C16 joists @ 400 c/s boarded with 22mm floor quality WEYBAC. 120mm Celotex material laid between joists on polypropylene netting with Min 150mm air gap from u/s joists to oversite.

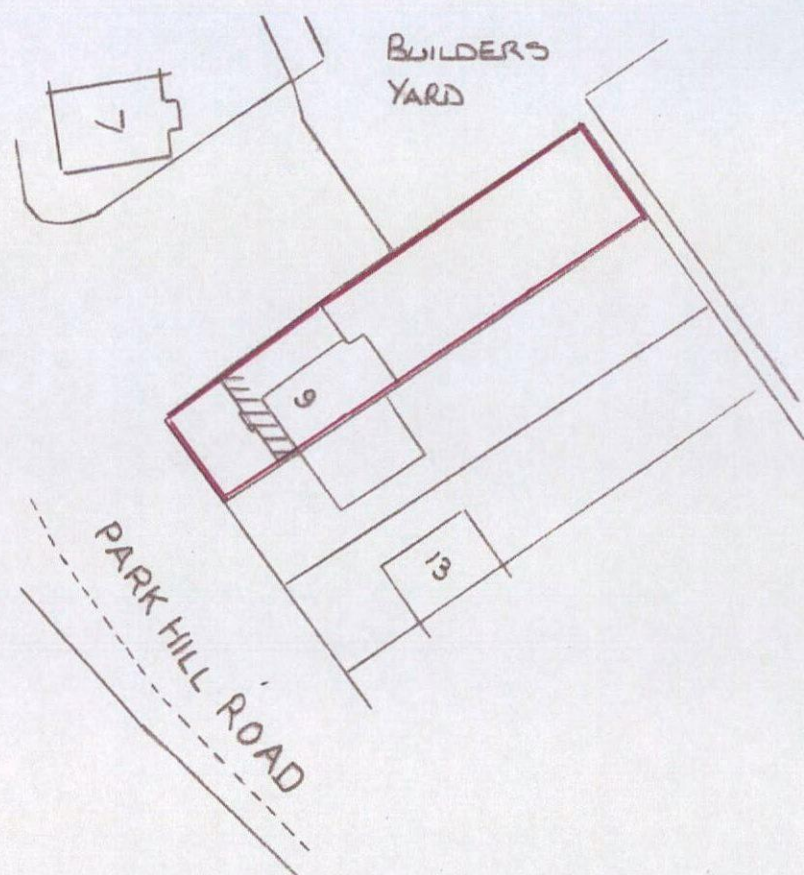
Lintels - to be catnic Langer open backed insulated steel or similarly approved with Min 150mm end bearing.

Windows - All windows to be double glazed uPVC construction to match and be consistent with existing. 19mm air gap 'Arge' filled with Pilkington K Le glazing to achieve U Value not exceeding 1.6 wlm² K. opening lights - Min 1/20th floor area saved and fitted with 8000mm trickle vents.

Steelwork - to be in accordance with engineers details and calculations as approved by local authority. Contractor to verify details and dimensions prior to fitting on site. beams to be effectively bolted into the walls. steelwork to be blast cleaned to SA 2.5 and primed with zinc phosphate epoxy primer. beams to be encased with 20' 9.5mm Plbd with staggered joints nailed to noggins in the web with 1.6mm wire binding @ 450 c/s with 6mm skim finish. Min headroom 2m to be maintained. p.d.stones are to be in accordance



LOCATION PLAN (1:1250)



SITE PLAN (1:500)

with engineers details as approved by local authority.

Ringmain and Lighting - Extend existing circuits to clients specification. All electrical work to meet requirements of Part P (Electrical Safety) and must be designed, installed and tested by competent person qualified to do so. On completion an BS7671 electrical installation certificate to be issued for work by person recognised by an approved body. Switches and sockets to be located within 450 and 1200 mm of the finished floor Lvl in places suitable for easy use. Lights are to be @ least 40 Lumens/circuit with efficiency and have T energy efficient light/25m² or 1 in 4 fixed light fittings.

Heating - Extend existing heating system to clients instructions, new radiators to be fitted with TRVs and all new pipework to be suitably insulated with rigid foam insulation.

Drainage - All drains to be 100mm hopsleeve pipe or similar with flexible joints bedded in granular material. Any drains under extension to be surrounded in 150mm concrete. Any drains passing thro walls to be bridged over with concrete lintels (Builder to check prior to construction for any hidden drains).

Plumbing - not affected

Surface water - 100hr guttering on blue brickwork with soffits. Run to discharge into existing SW system or to new hollow soakaway min 5m from foundations and subject to percolation test.

All Plans and Elevations to scale 1:500 or 1:600 unless stated otherwise