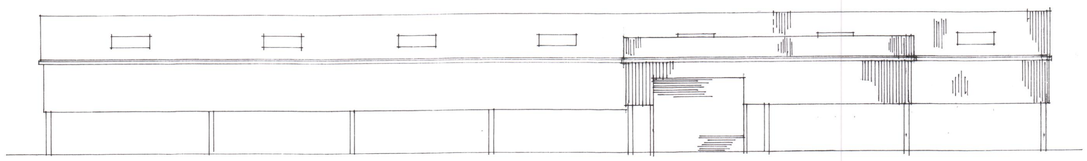
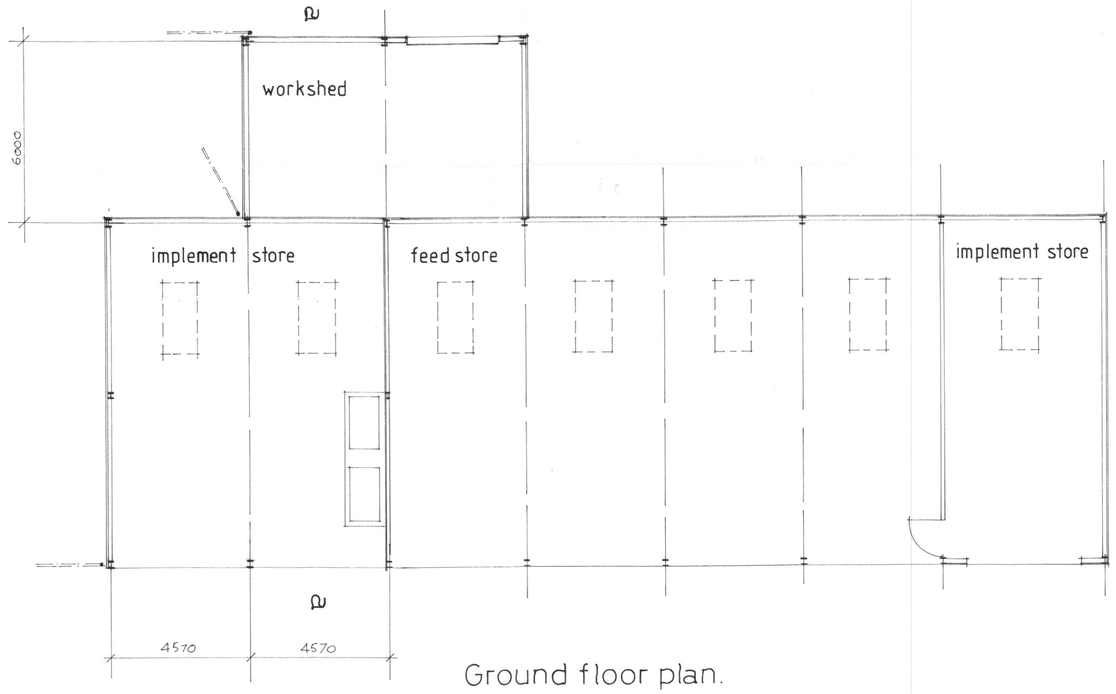


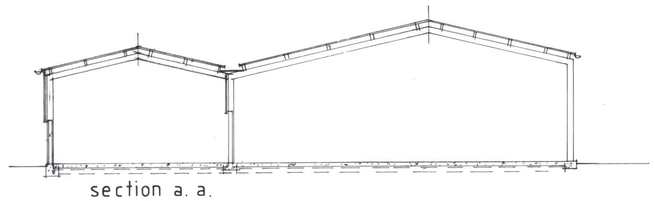
south east elevation.



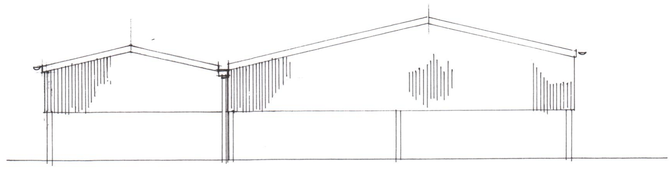
north west elevation.



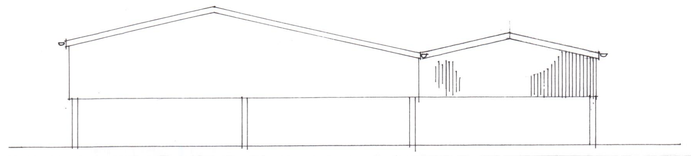
Ground floor plan.



section a. a.



south west elevation.



north east elevation.

NOTES

Remove eaves gutter and cut back eaves construction as necessary, and make good new roofing to existing on completion.

Clear site of works of turf and vegetable matter. Foundation to walls to be minimum of 1-metre-deep below finished external ground levels, or to such additional depths as necessary to suit ground conditions. Concrete foundations (Grade C25) are to be 600mm wide x 225mm thick. Foundation walls up to damp proof course level to be built in hard-fired common bricks, or dense masonry concrete blocks, in cement mortar (1:3), with blockwork pointed where exposed above finished ground levels. Cavity walls to be filled solid to 150mm below damp proof course level with fine concrete (1:3:6). Excavate for and form column bases with C30 concrete to structural engineer's design with tops set 150mm below finished external ground or paving levels. 'Xtra-Load Elite' or similar pitch polymer damp proof course to be inserted to all walls at floor level, and to be minimum of 150mm above finished external ground levels.

Floor to be constructed of minimum 150mm sulphate free compacted hardcore, 25mm sand blinding, 1000G polythene membrane well lapped and turned up at edges into DPC, 125mm trowelled concrete bed (Grade C25). Concrete bed to be thickened out to 225mm at door threshold for a minimum of 450mm, including sinking sand and hardcore and dressing polythene membrane into sinking.

External cavity walls to be constructed of 2 skins of 100mm concrete blockwork, pointed externally and flush pointed internally. Stainless steel cavity wall ties to DD140 Type 4, not butterfly type, to be built in at 750mm centres horizontally, 450mm centres vertically and at 225mm centres to openings. Tie all new work to existing with stainless steel wall starters plugged and screwed to existing structure and ties at 225mm centres built in to new walls.

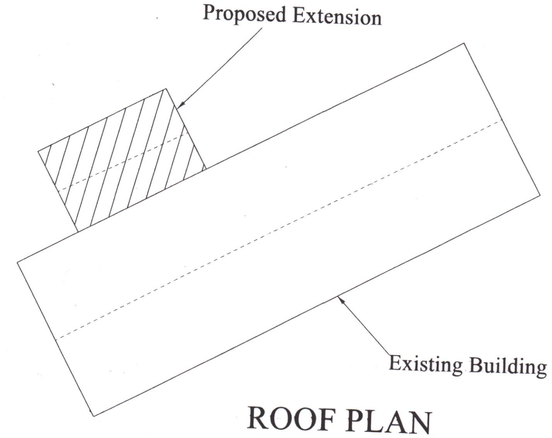
Structural steel frame to be designed by Specialist to comprise portal frame off existing columns, eaves beams, sheeting rails and purlins. Roof and side cladding to be in colour coated troughed sheeting all to match existing building. Form gutter between new roof and existing of galvanized steel. Gutters and rainwater pipes to be in UPVC. Gutters to be 150mm half round gutters laid to 1 in 600 falls, with 100mm diameter rainwater pipes discharging into trapped gullies.

Supply and install galvanised roller shutter, polyester powder coating externally, with pre-galvanised steel sheet hood to enclose rear of shutter coil, side guides to be 2.5 thick galvanised steel attached to full height galvanised steel support angles.

Carry out electrical works all to Client's choice Any external lighting is to automatically extinguish when there is enough daylight, and when not required at night. The Electrical Contractor carrying out work on this scheme must be competent and registered with a Part P self-certification scheme. All electrical works to conform to the latest safety guidelines from the B.S.I. and the I.E.E. as codified in BS 7671, Requirements for Electrical Installations. Installation, testing and commissioning certificates are to be provided for the installation, completed by suitably qualified and competent persons in a recognized industry format.

All drainage works to be in 100mm Hepworth's 'PlastiDrain' to 1 in 40 falls, bedded on and surrounded with pea gravel. Storm drainage gullies to be trapped and fitted with galvanized grating. Storm drainage to run to soakaway 1200 x 1200 x 1200mm below incoming invert, and to be filled to within 300mm of surface with clean limestone, covered with 1200-gauge polythene sheeting and topsoil. Soakaway to be sited a minimum of 5 metres from building. A percolation test is to be undertaken to determine that the size of the soakaway is adequate.

Site to be left clean and tidy on completion and any damage to adjoining areas to be made good. All works to be carried out in strict accordance with all relevant BS Codes of Practice, good building practice and all relevant Health & Safety Legislation. All dimensions and levels to be checked on site.



ROOF PLAN

WHEAT BROTHERS

DATE **June 16**

PROPOSED WORKSHOP ATTACHED TO EXISTING BUILDING
AT
BRADELEY FARM,
ADDERLEY,
CHEADLE,
STOKE-ON-TRENT,
STAFFS. ST10 2MJ

SCALES:	
PLAN	1:100
SECTION	1:100
ELEVATIONS	1:100
ROOF PLAN	1:200

DRAWN BY:

MALCOLM SALES
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AS PROPOSED

FOR PLANNING APPLICATION

DRAWING NR. 1604/08/01