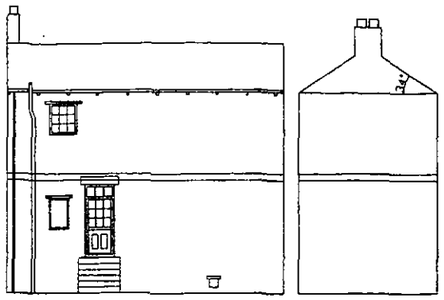
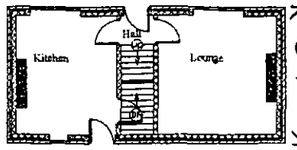
RevNo	Revision note	Date	Signature	Checked

Existing layout

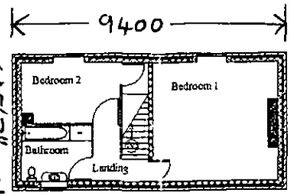


Rear Elevation

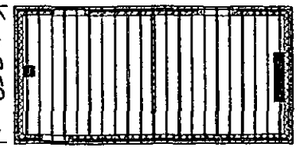
Gable Wall



Existing ground floor layout

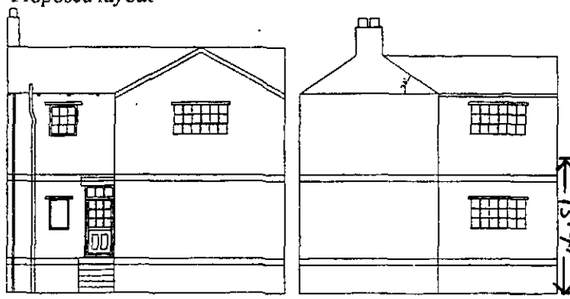


Existing 1st floor layout



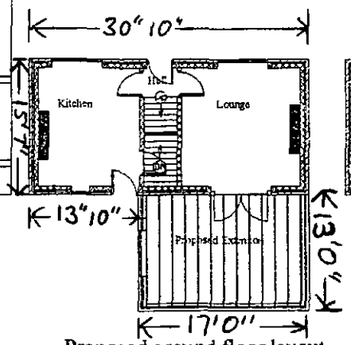
Existing roof truss layout

Proposed layout

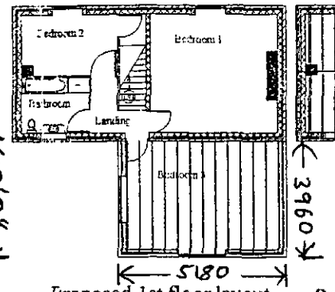


Rear elevation proposed

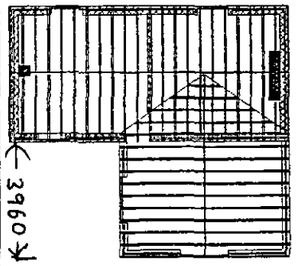
Gable wall proposed



Proposed ground floor layout



Proposed 1st floor layout



Proposed roof truss layout

Notes:

For and On behalf of
Mr & Mrs N Speight
Proposed two storey extension to
18 Charles Street
Barnsley
S70 1RB

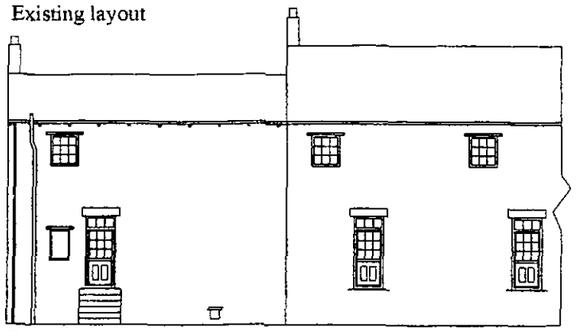
Existing front elevation is un-affected
Existing gable wall is un-affected
Drains un-affected
Rear elevation to consist of
1No extension to ground floor (lounge)
Creation of 1st floor bedroom over

Roof construction
Pitch to match exixsting @ 34°
Matching blue slate tiles onto 38x50mm battens
laid over reinforced sarking felt onto 50x125mm rafters and purlins
Strength class SC3
Imposed load 1.00KN/M2
Strutting to joists 1 x2 at one third span
Rafters at 415 mm c/c
Stability
Diagonal wind bracing to new roof to comply with
BS 5268 part 3
Gable wall strapped to roof using 30x5x1200mm galvanised steel,
strap turned over un-cut blocks.
Nailed to rafters with 75mm finish nails.
100mm mineral wool insulation laid between joists,
lapped over into soffits to provide *0.325W/M2K*
Walls
All external brickwork to match existing and comply with BS3921:1985
Brick size 215x102.5x65 facings
Water absorption 11% by mass
Compressive strength 5N/mm2
Internal Blockwork
to consist of partial cavity fill insulating blocks,
composite bonded insulation applied to one face.
Material density range 650-1500kg/m3
All formed masonry openings to be lintelled over
with 150mm bearing at each end
Total UDL 15.1 KN

Floors
Timber joists of strength class SC3 supported on galvanised steel
joist hangers on internal face of existing wall.
Supported on internal blockwork of proposed extension.
1st floor joists as above.
Joists size 38x225x4500@400mmc/c

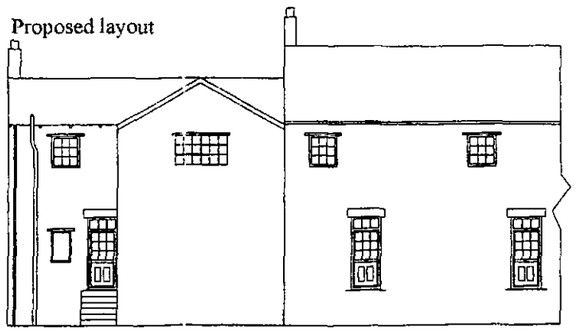
Strip foundations of plain concrete, depth and dimensions
to be determined by builder after soil inspection.
Drains to remain un-affected.

Existing layout



Rear Elevation

Proposed layout



Rear elevation proposed

All measurements made on site
in Imperial and Metric 4 Nov 2008.

Itemref	Quantity	Title/Name, designation, material, dimension etc			Article No./Reference	
Designed by N&T SPEIGHT		Checked by SV	Approved by - date N/A	File name N&T SPEIGHT	Date 7/12/04	Scale 1:1
N&T SPEIGHT						
					Edition 0	Sheet 1/1