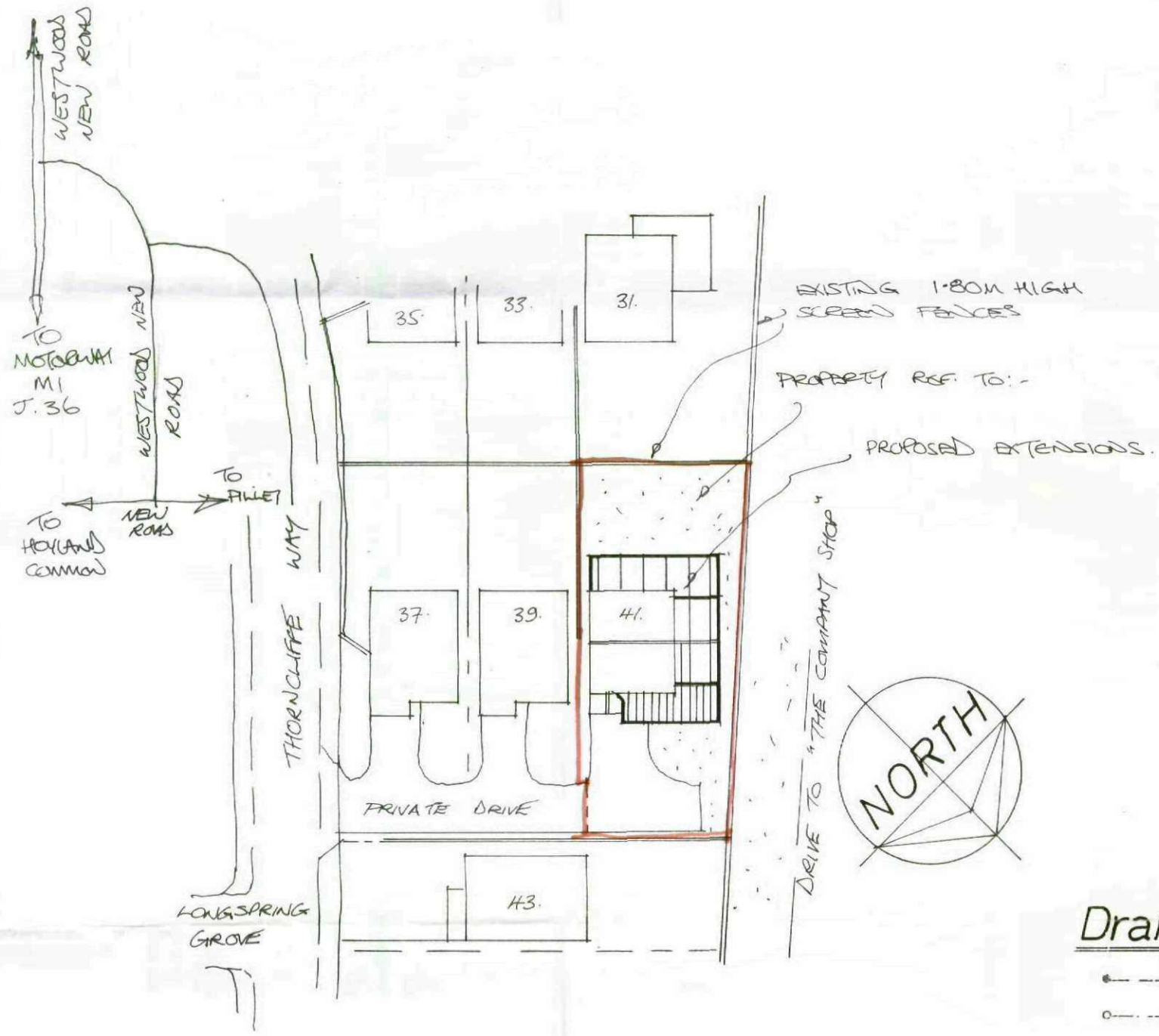
Site Layout 1:500



Rev	Notes	Date

Garry Greetham Associates Ltd
Residential Design Consultant
Westwood House
18 Carr Lane
Tankersley
Barnsley S75 3BE
Tel(01226)746573

PROJECT	Various Extensions
CLIENT	Mr. C. M. Syson
TITLE	Site and Location Layouts
ADDRESS	41 Thorncliffe Way, Tankersley, Barnsley. S75 3DN
DRAWN BY	ggg
SCALE	as shown
DATE	Dec 11
DRAWING No	750-01
REV	

Member of the Chartered Institute of Architectural Technologists

Drainage Layout 1:200

- Foul outlet and drain.
- Surface water outlet and drain.
- F. W. Inspection chamber.
- S. W. Rodding access
- S.W. Inspection chamber

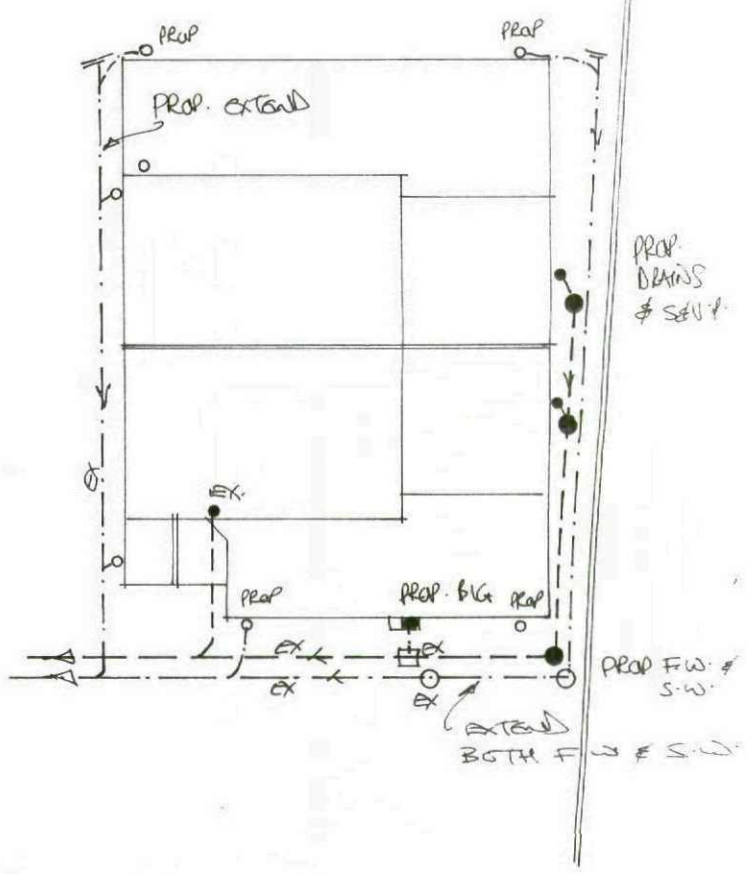


Table 11 Minimum dimensions for access fittings and inspection chambers

Type		Depth to invert from cover level (m)	Internal sizes: Length x width (mm x mm)	Internal sizes: Circular (mm)	Cover sizes: Length x width (mm x mm)	Cover sizes: Circular (mm)
Rodding eye			As drain but min 100			Same size as pipework [1]
Access fitting						
small	150 diam	0.6 or less,				
	150 x 100	except where	150 x 100	150	150 x 100 [1]	Same size as
large	225 x 100	situated in a	225 x 100	225	225 x 100 [1]	access fitting
		chamber				
Inspection chamber						
	shallow	0.6 or less	225 x 100	190	-	190
		1.2 or less	450 x 450	450	Min 430 x 430	430
	deep	> 1.2	450 x 450	450	max 300 x 300 [3]	Access restricted to max 350 [1]

Notes:
[1] The clear opening may be reduced by 20 mm in order to provide proper support for the cover and frame.
[2] Drains up to 150mm.
[3] A larger clear opening cover may be used in conjunction with a restricted access. The size is restricted for health and safety reasons to deter entry.

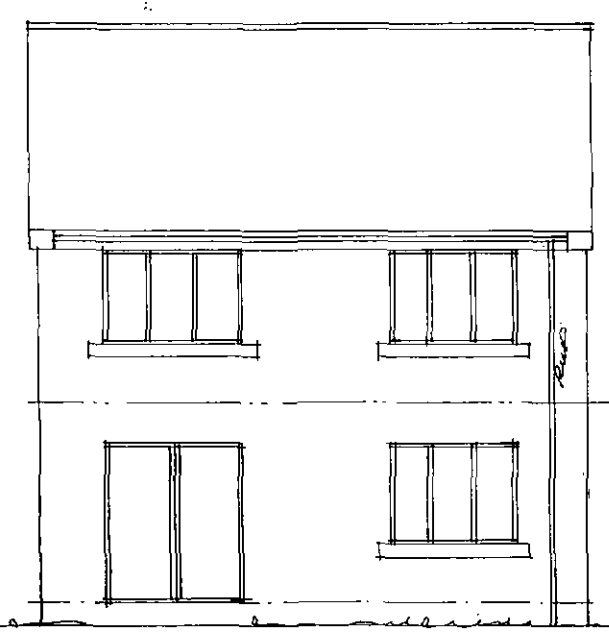
Table 12 Minimum dimensions for manholes

Type	Size of largest pipe (DN)	Min internal dimensions [1]: Rectangular length and width	Min internal dimensions [1]: Circular diameter	Min clear opening size [1]: Rectangular length and width	Min clear opening size [1]: Circular diameter
Manhole					
< 1.5m deep to soffit	≤ 150	750 x 675 [2]	1000 [2]	750 x 675 [2]	na [4]
	225	1200 x 675	1200	1200 x 675 [2]	
	300	1200 x 750	1200		
	>300	1800 x (DN+450)	The larger of 1800 or (DN+450)		
>1.5m deep to soffit	≤ 225	1200 x 1000	1200	600 x 600	600
	300	1200 x 1075	1200		
	375-450	1350 x 1225	1200		
	>450	1800 x (DN+775)	The larger of 1800 or (DN+775)		
Manhole shaft [3]					
> 3.0m deep to	Steps [4]	1050 x 800	1050	600 x 600	600
soffit of pipe	Ladder [4]	1200 x 800	1200		
	Winch [4]	900 x 800	900	600 x 600	600

Elevations



Front



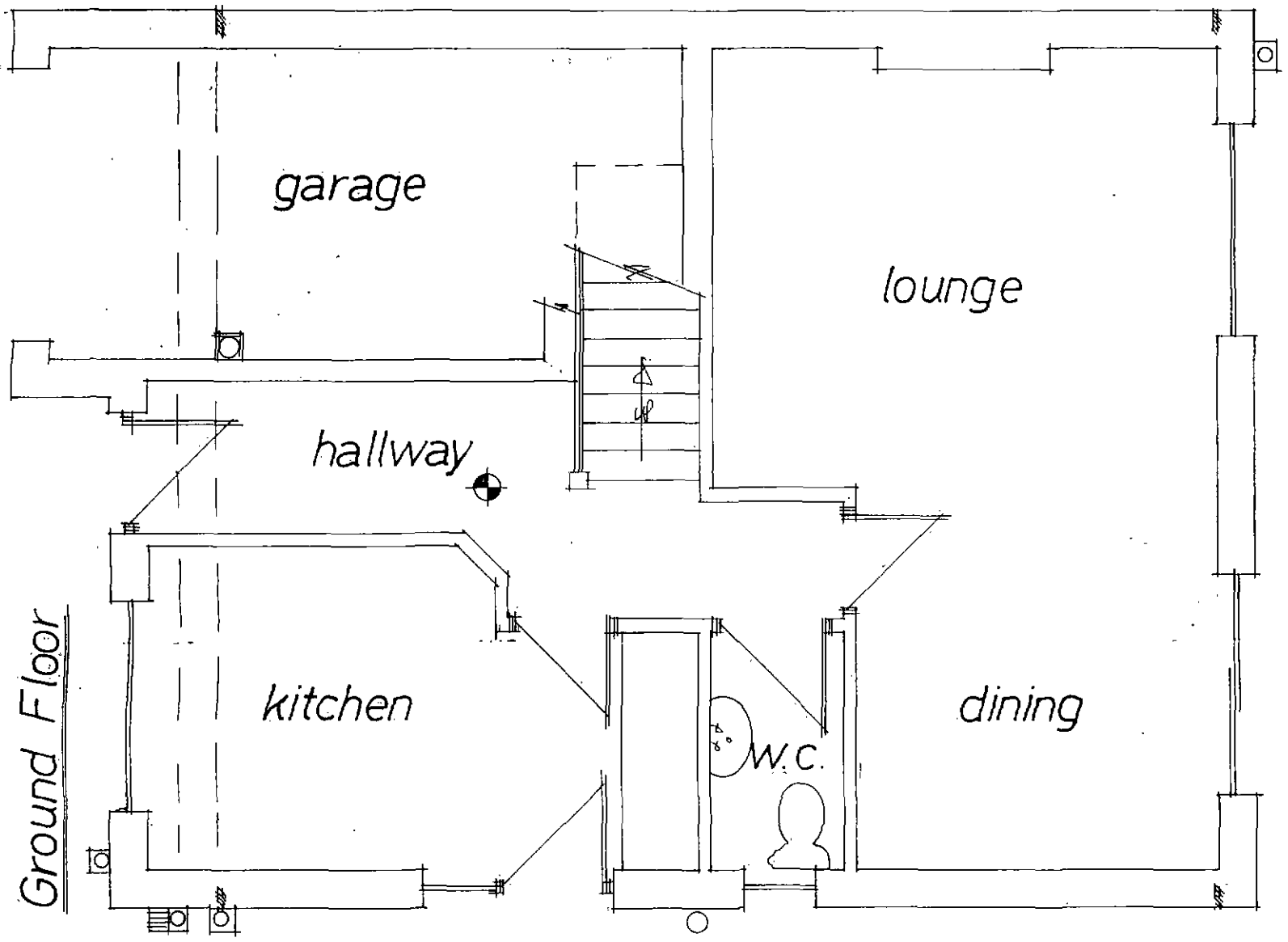
Rear



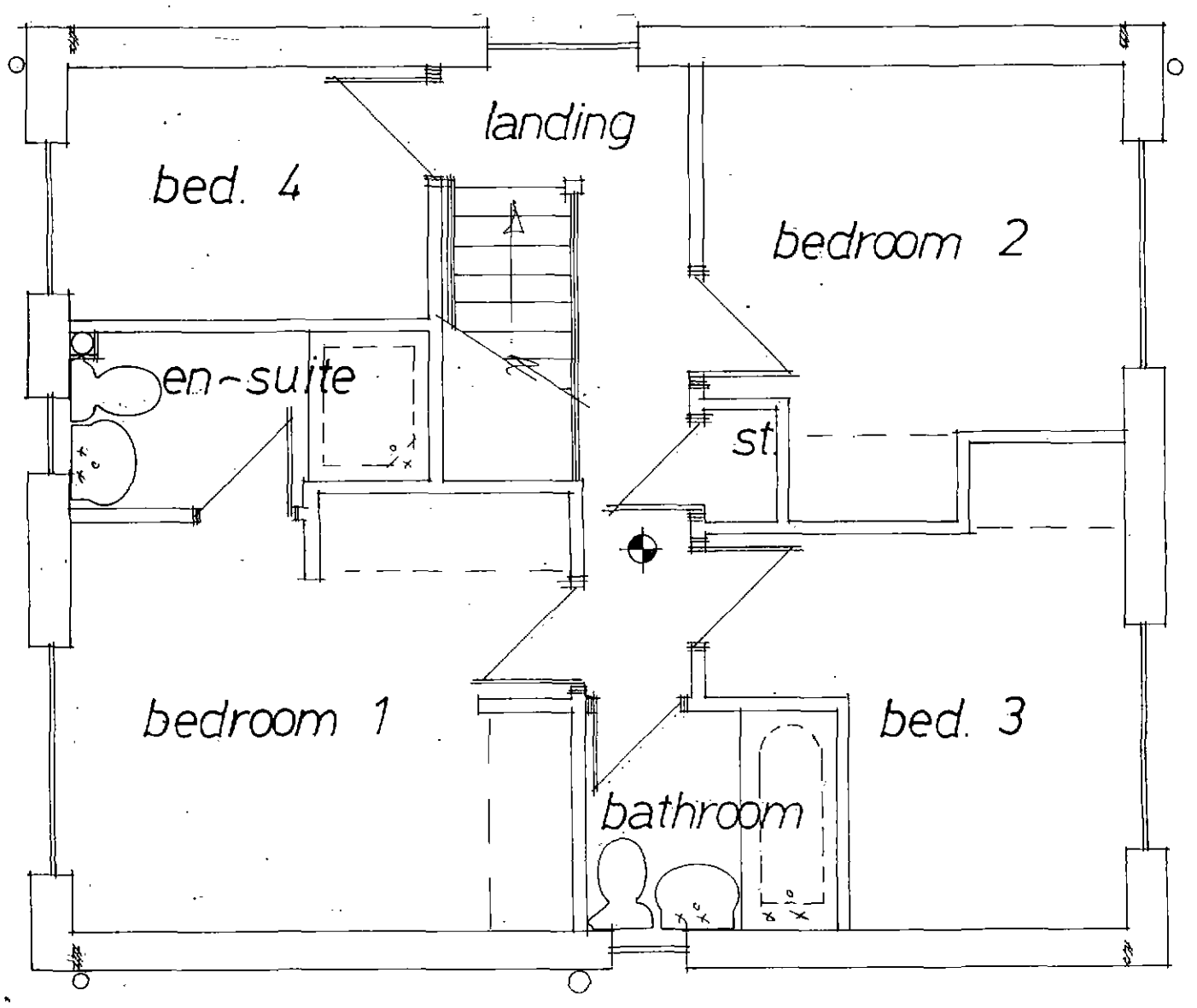
Side

Layouts

Ground Floor



First Floor



Rev	Notes	Date

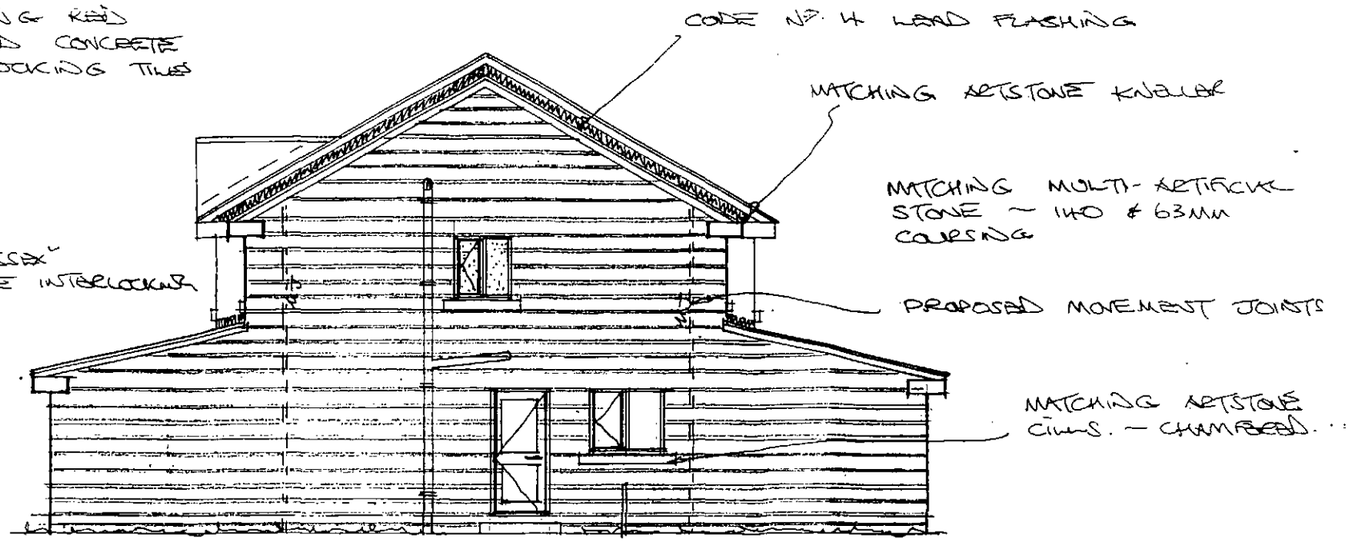
Garry Greetham Associates Ltd
Residential Design Consultant
Westwood House
18 Carr Lane
Tankersley
Barnsley S75 3BE
Tel(01226)746573

PROJECT	Various Extensions
CLIENT	Mr. C. M. Syson
TITLE	Property as Existing
ADDRESS	41 Thorncliffe Way, Tankersley, Barnsley. S75 3DN
DRAWN BY	999
SCALE	1:100; 1:50
DATE	Dec 11
DRAWING No	750-02
REV	

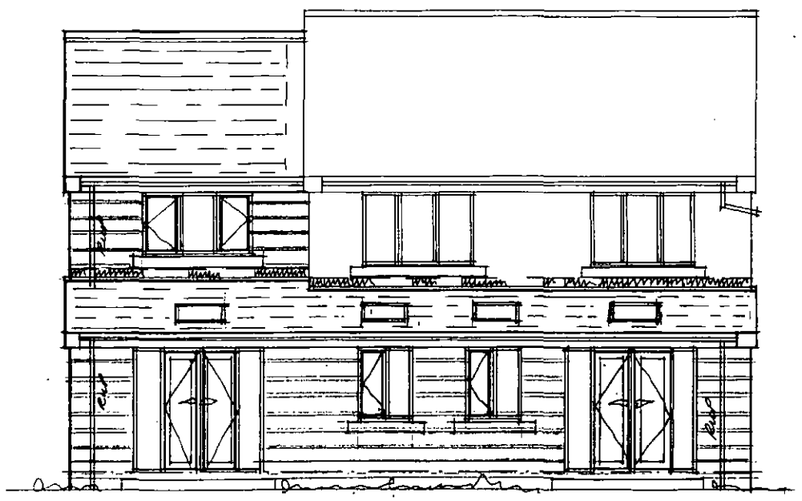
Member of the Chartered Institute of Architectural Technologists



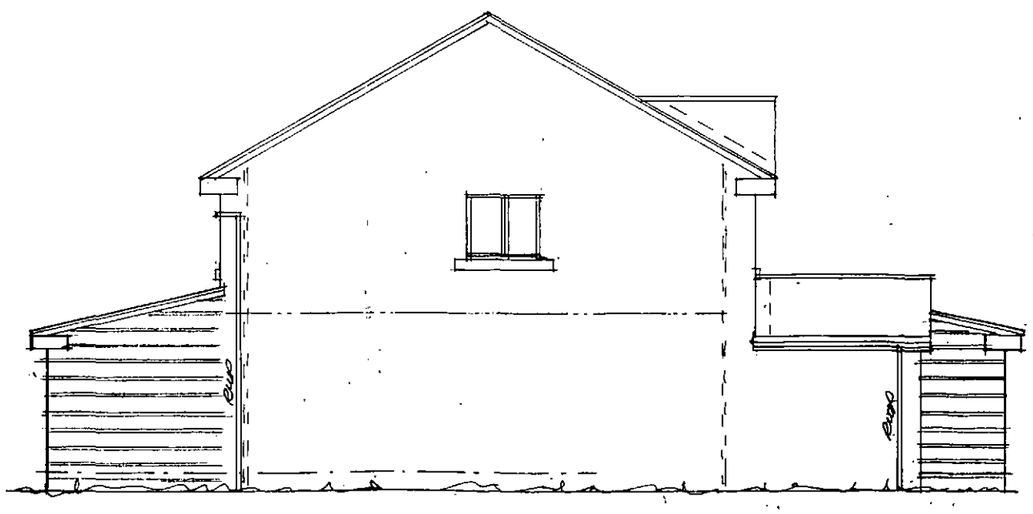
Front — street scene



Side



Rear



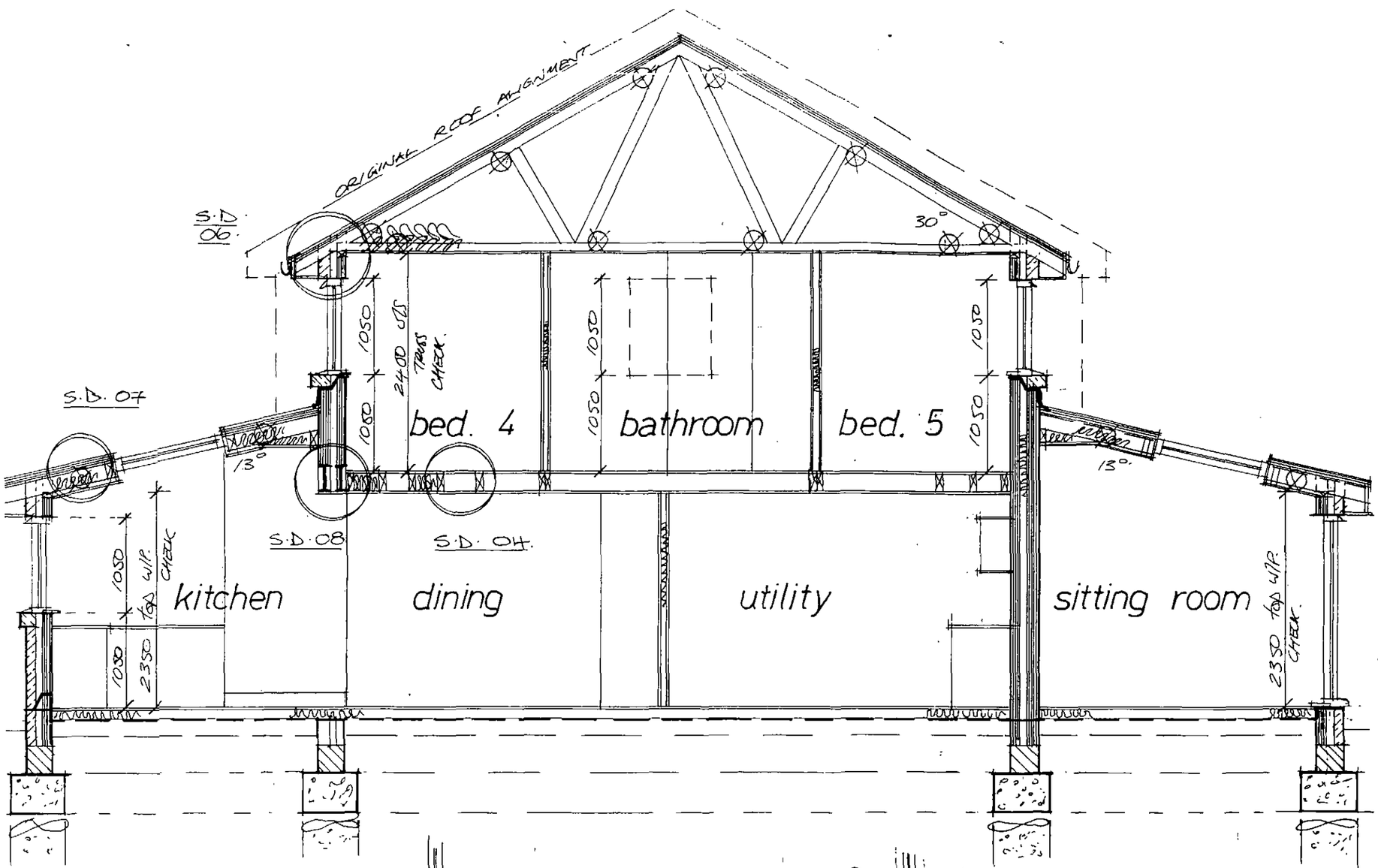
Side

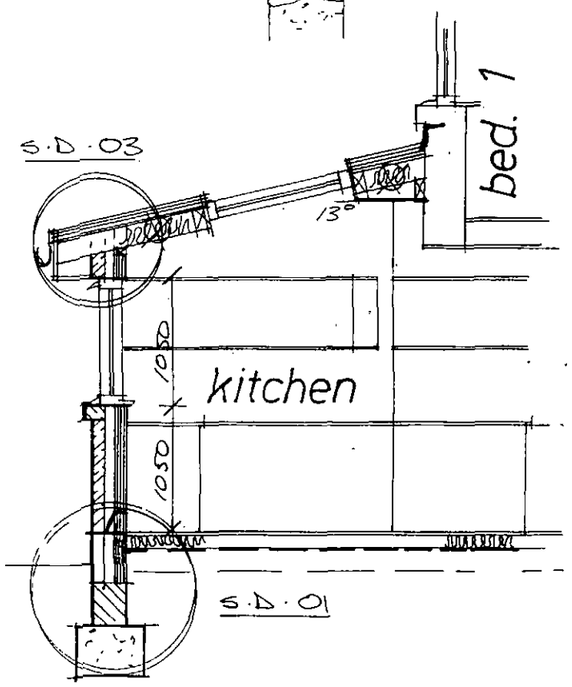
Rev	Notes	Date

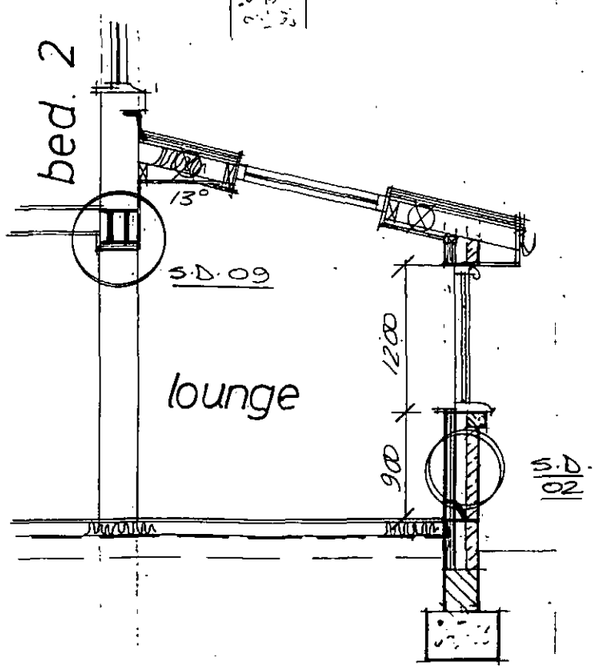
Garry Greetham Associates Ltd
Residential Design Consultant
Westwood House
18 Carr Lane
Tankersley
Barnsley S75 3BE
Tel(01226)746573

PROJECT	Various Extensions
CLIENT	Mr. C. M. Syson
TITLE	Proposed Elevations
ADDRESS	41 Thorncliffe Way, Tankersley, Barnsley. S75 3DN
DRAWN BY	ggg
SCALE	1:100
DATE	Dec 11
DRAWING No	750-04
REV	

Member of the Chartered Institute of Architecturol Technologists







Rev	Notes	Date

Garry Greetham Associates Ltd
Residential Design Consultant
Westwood House
18 Carr Lane
Tankersley
Barnsley S75 3BE
Tel(01226)746573

PROJECT	Various Extensions
CLIENT	Mr. C. M. Syson
TITLE	Typical Sections
ADDRESS	41 Thorncliffe Way, Tankersley, Barnsley. S75 3DN
DRAWN BY	999
SCALE	1:50
DATE	Dec 11
DRAWING No	750-05
REV	

Member of the Chartered Institute of Architectural Technologists