

- ————— Fault 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	Internal sizes		Cover sizes	
	Depth to invert from cover level (m)	Length x width (mm x mm)	Circular (mm)	Length x width (mm x mm)
Access fitting				
small	0.6 or less, 150 x 100	150 x 100	150	150 x 100
large	except where situated in a chamber 225 x 100	225 x 100	225	225 x 100
Inspection chamber				
shallow	0.6 or less	225 x 100	190	Min 430 x 430
deep	1.2 or less > 1.2	450 x 450 450 x 450	450 450	max 300 x 300
				Access restricted to max 350

Notes:
 1. The clear opening may be reduced by 20 mm in order to provide proper support for the cover and frame.
 2. Depth 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 clear entry.

Table 12 Minimum dimensions for manholes

Type	Size of largest pipe (DN)	Min internal dimensions	Min clear opening size
		Rectangular length and width	Circular diameter
Manhole			
< 1.5m deep to soffit	5 150 225 300 >300	750 x 675 1200 x 675 1200 x 750 1800 x (DN+450)	1000 1200 1200 The larger of 1800 or (DN+450)
> 1.5m deep to soffit	≤ 225 300 375-450 >450	1200 x 1000 1200 x 1075 1350 x 1225 1800 x (DN+775)	1200 1200 1200 The larger of 1800 or (DN+775)
Manhole shaft			
> 3.0m deep to soffit of pipe	Steps Ladder Winch	1050 x 800 1200 x 800 900 x 800	1050 1200 900

Notes:
 1. Larger sizes may be required for manholes on bends or where there are junctions.
 2. May be reduced to 800 by 600 where required by highway loading considerations, subject to a safe system of work being specified.
 3. Not applicable due to working space needed.
 4. Minimum height of chamber in shafted manhole 2m from benching to underside of reducing slab.
 5. Min clear space between ladders or steps and the opposite face of the shaft should be approximately 900mm.
 6. Trench only - no steps or ladders, permanent or removable.
 7. The minimum size of any manhole serving a sewer line any drain serving more than one property should be 1200 mm x 675 mm rectangular or 1200 mm diameter.

1:200

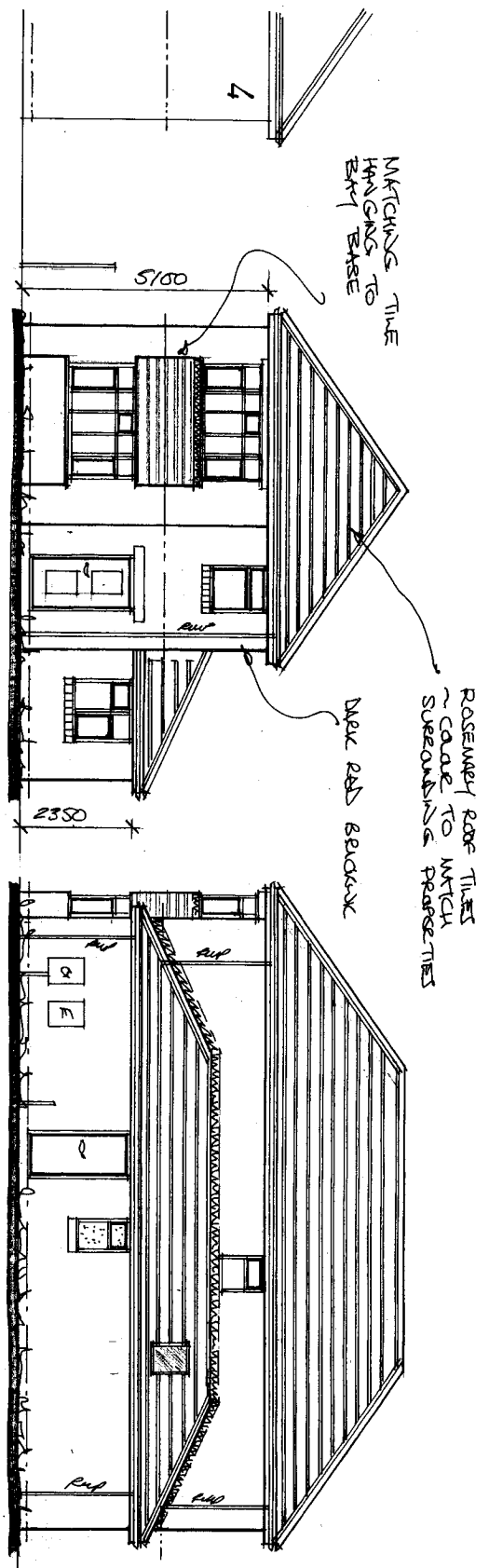
Rev	Notes	Date

Garry Greetham Associates
 Residential Design Consultant
 Westwood House
 18 Carr Lane
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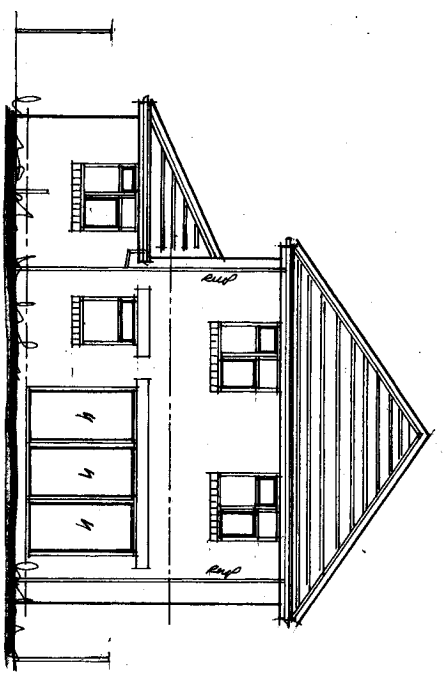
PROJECT Detached Dwelling
CLIENT Mr. Stephen Dobson
TITLE Drainage Layout
ADDRESS Land adj. "Yoodworth"
 4 Sheffield Road, Hoyland
 Common, Barnsley, S74 0DP
DRAWN BY ggg
SCALE 1:200 @ A3 DATE Dec 22
DRAWING No 984-03
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Front

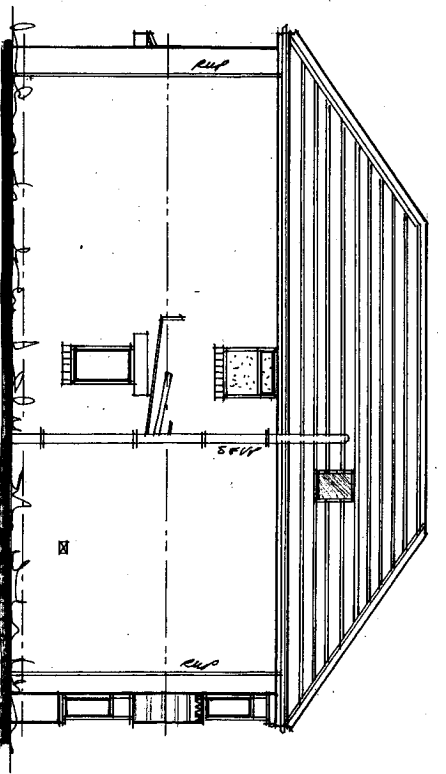
WHITE UPVC WINDOWS & DOORS
BLACK UPVC
RUS & SOIL
GOODS.



Side



Rear



Side

Rev	Notes	Date

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Project: Detached Dwelling
Client: Mr. Stephen Dobson
Title: Elevations
Address: Land adj. "Woodwath",
4 Sheffield Road, Hoyland
Common, Barnsley, S74 0DP
Drawn by: ggs
Scale: 1:100 @ A3 DATE Dec 22
Drawn by: 984-04
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Rev	Notes	Date

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Project Detached Dwelling

Client Mr. Stephen Dobson

Title Ground Floor Layout

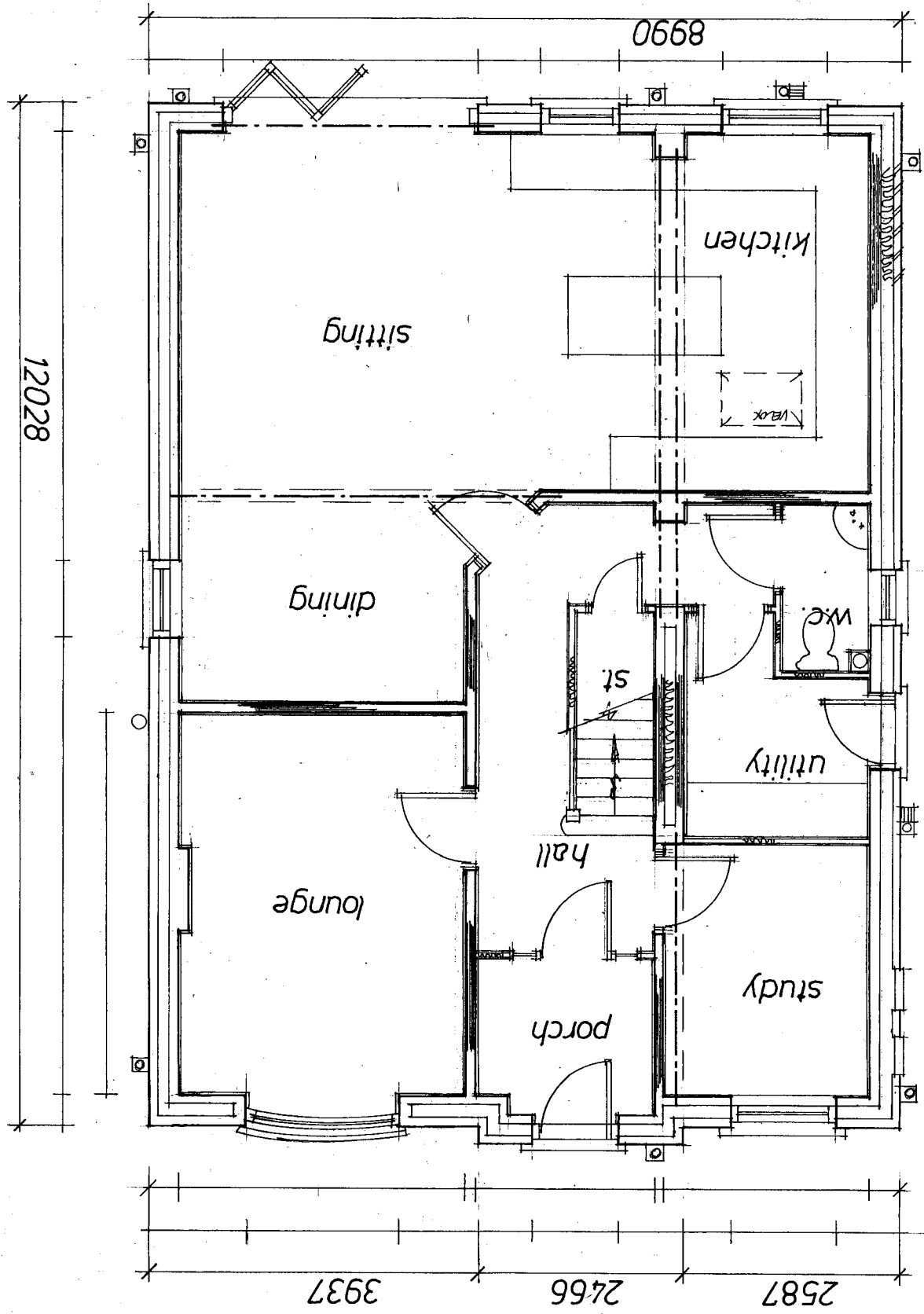
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 4 Sheffield Road, Hoyland
 Common, Barnsley, S74 0DP

Drawn by 990

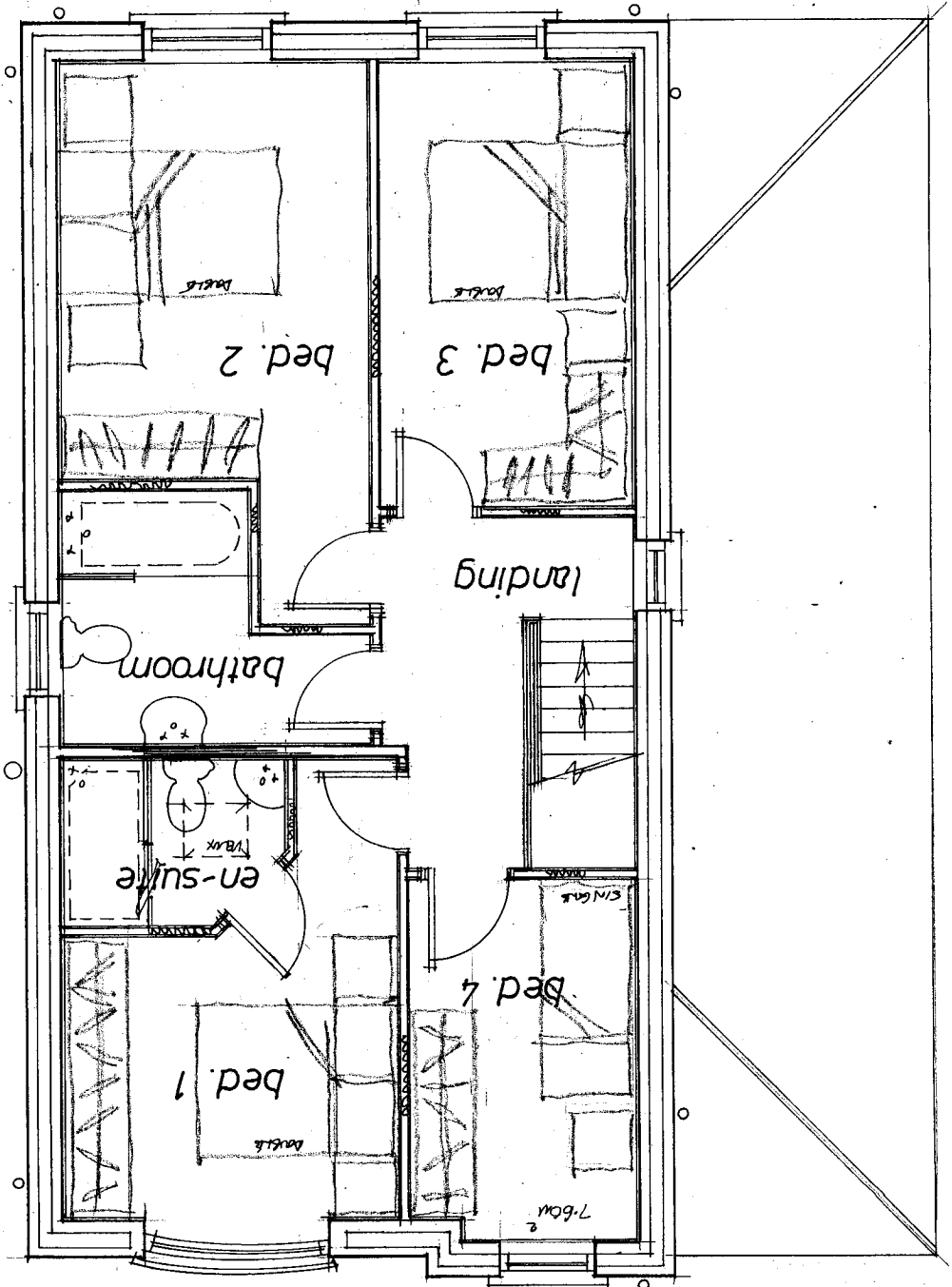
Scale 1:50 **A3** **Date** Dec. 22

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12253



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Project Detached Dwelling

Client Mr. Stephen Dobson

Title First Floor Layout

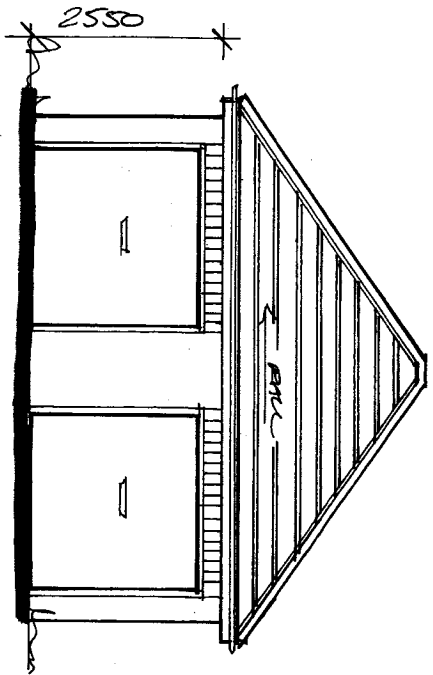
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 4 Sheffield Road, Hoyland
 Common, Barnsley. S74 0DP

Drawn by 999

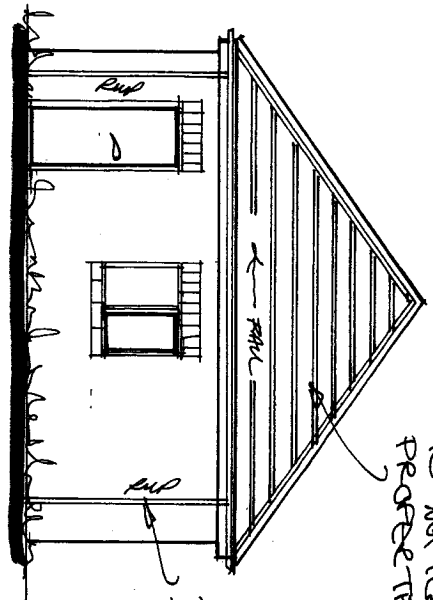
Scale 1:50 A3 Date Dec 22

Drawing No 984-06

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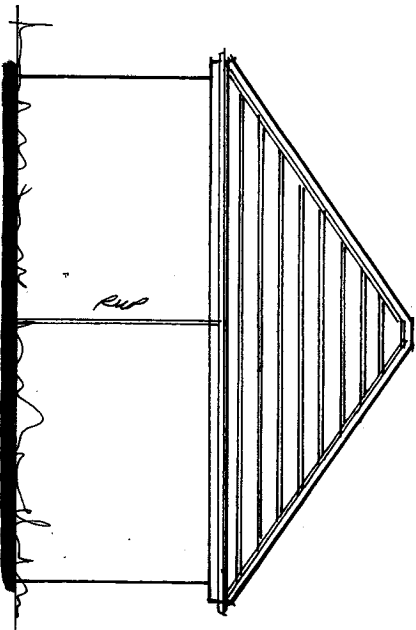


Front

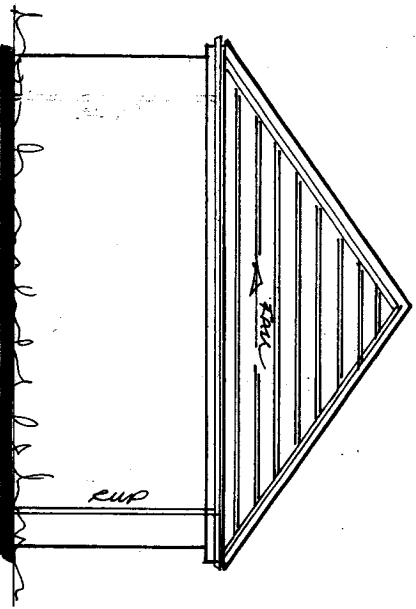


Side

ROSEMARY ROOF TILES /
"SANDFEST 20/20"
TO MATCH ADJACENT
PROPERTIES.



Rear



Side

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PROJECT Detached Dwelling

CLIENT Mr. Stephen Dobson

TITLE Garage Elevations

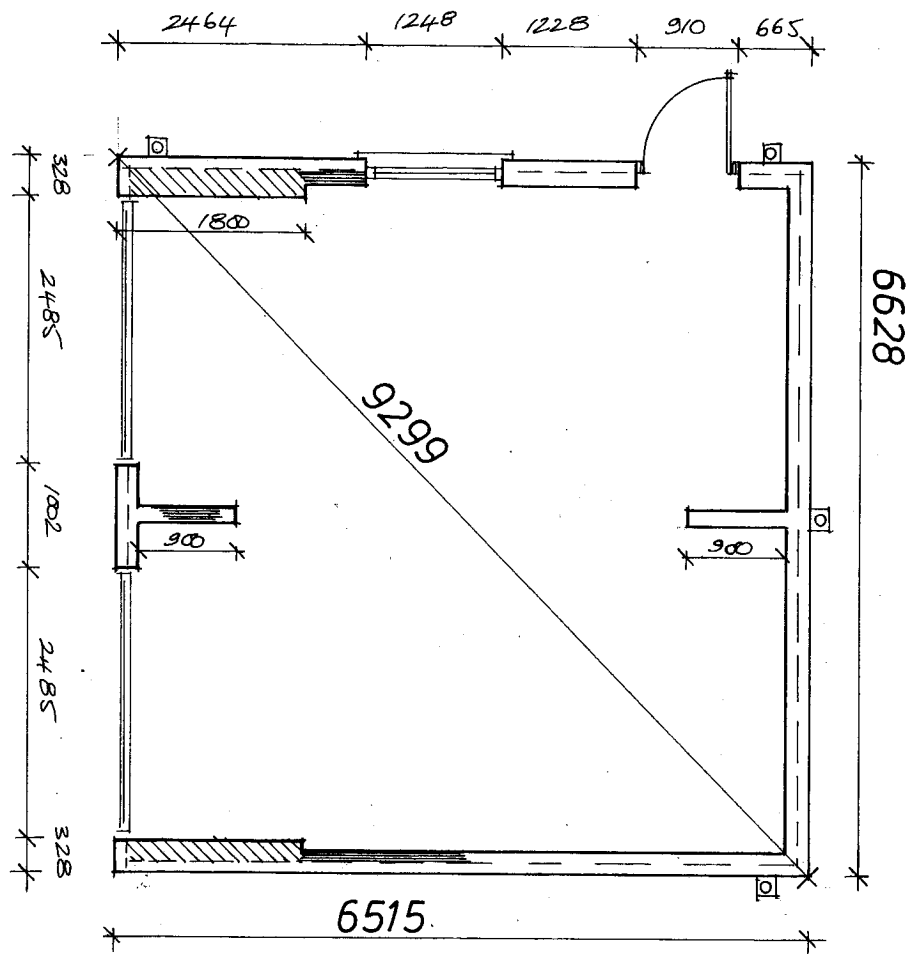
ADDRESS Land adj. "Yodsworth",
4 Sheffield Road, Hoyland
Common, Barnsley, S74 0DP

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SCALE 1:100 A4 DATE Dec 22

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PROJECT Detached Dwelling

CLIENT Mr. Stephen Dobson

TITLE Garage Layout & Section

ADDRESS Land adj. "Yoadwath"
 4 Sheffield Road, Hoyland
 Common, Barnsley. S74 ODP

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SCALE 1:50 © A3 DATE Dec 22

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