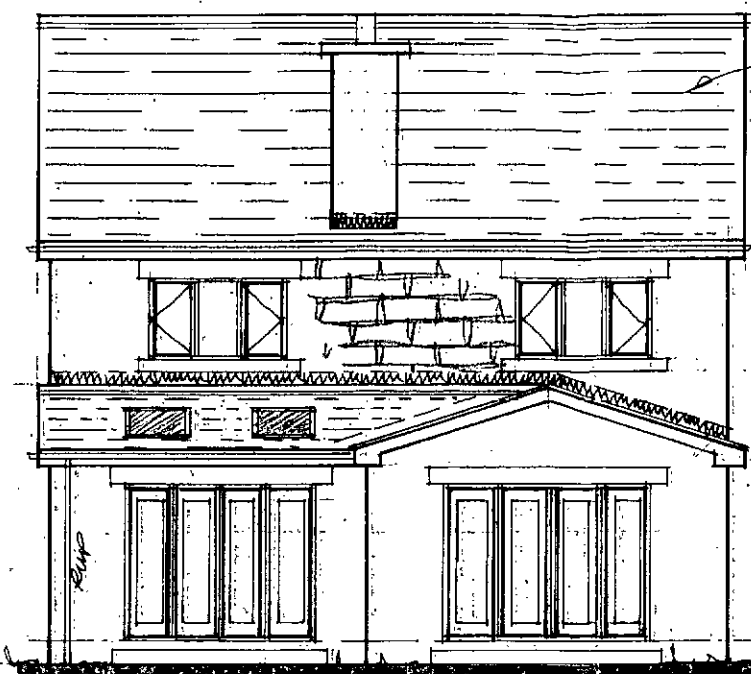




Front

LIGHT OAK UPVC
WINDOWS + DOORS

ARTSTONE HEADS
& CILLS



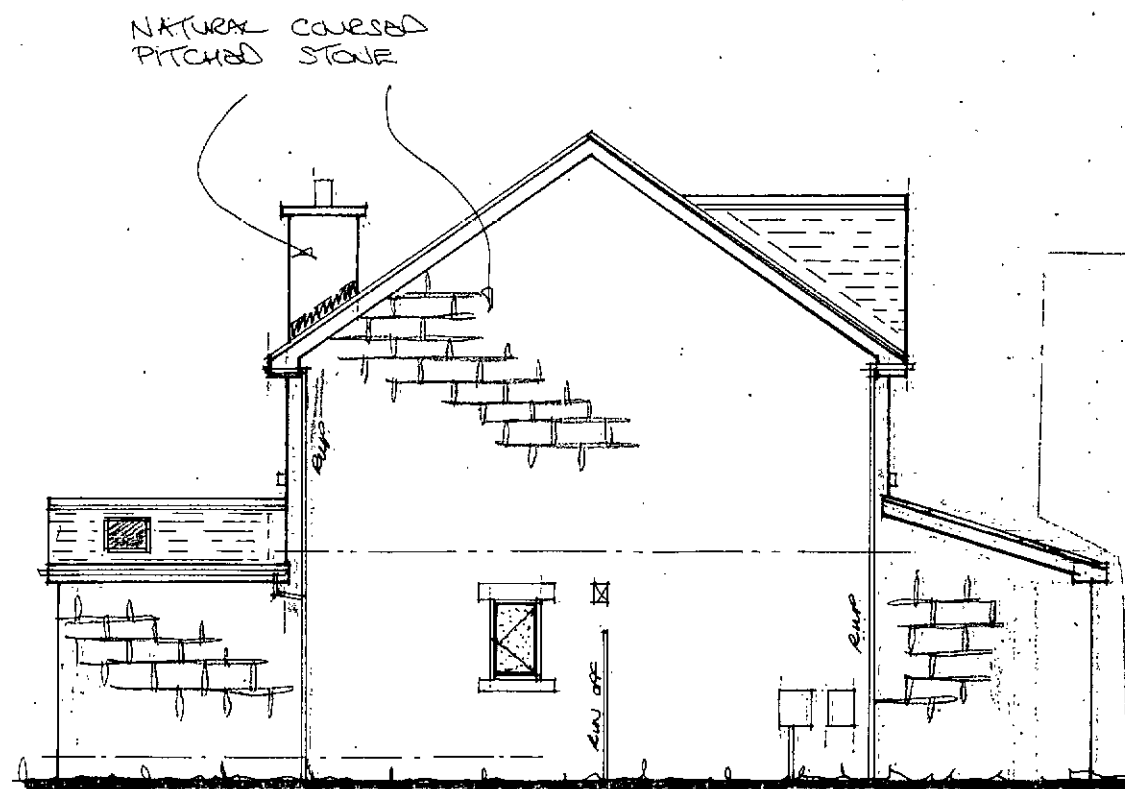
Rear

GREY COLOR; FLAT
PROFILE CONCRETE
INTERLOCKING
TILES



Side

BLACK UPVC R.WATER
& SOIL GOODS



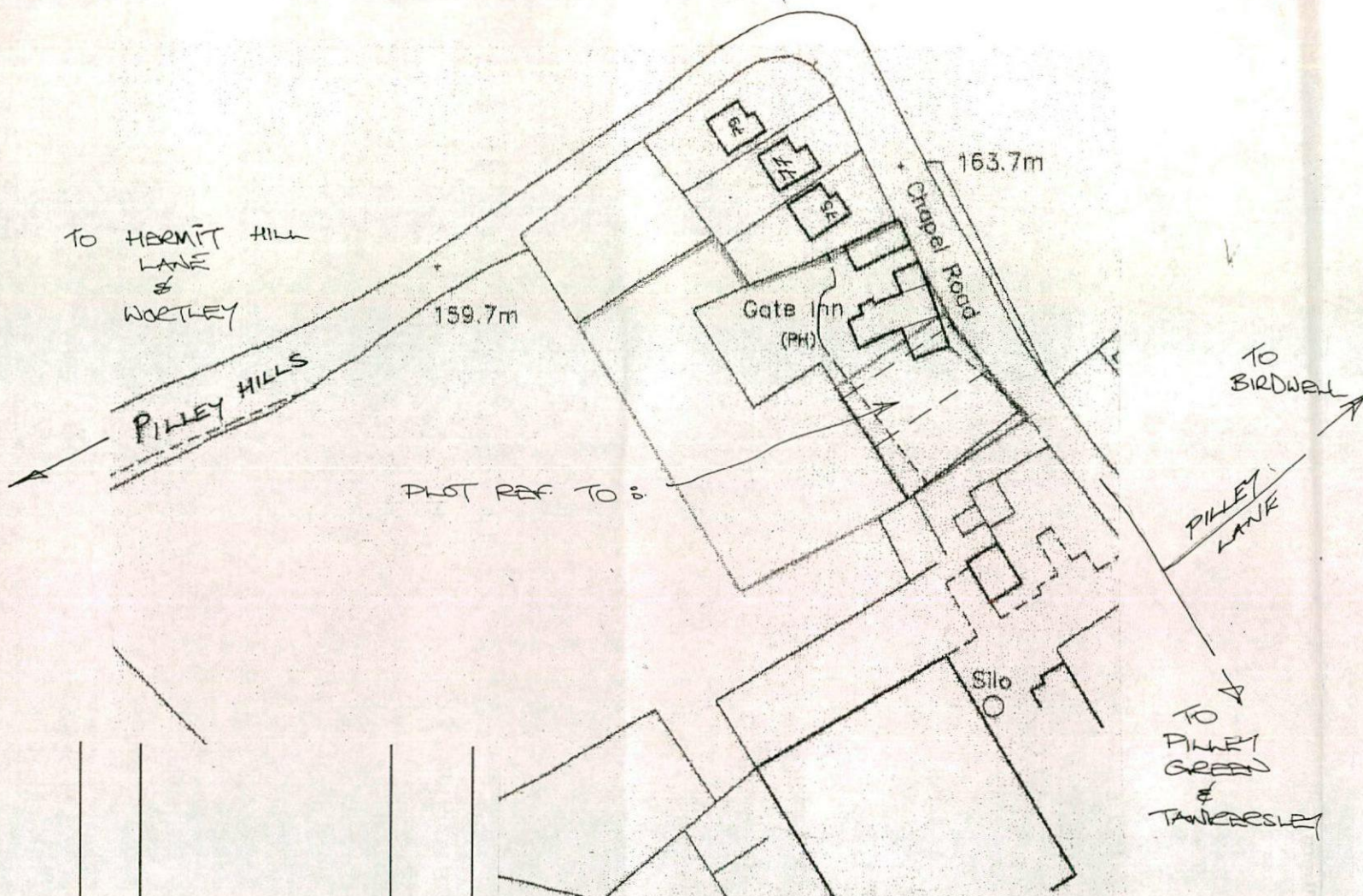
Side

NATURAL COURED
PITCHED STONE

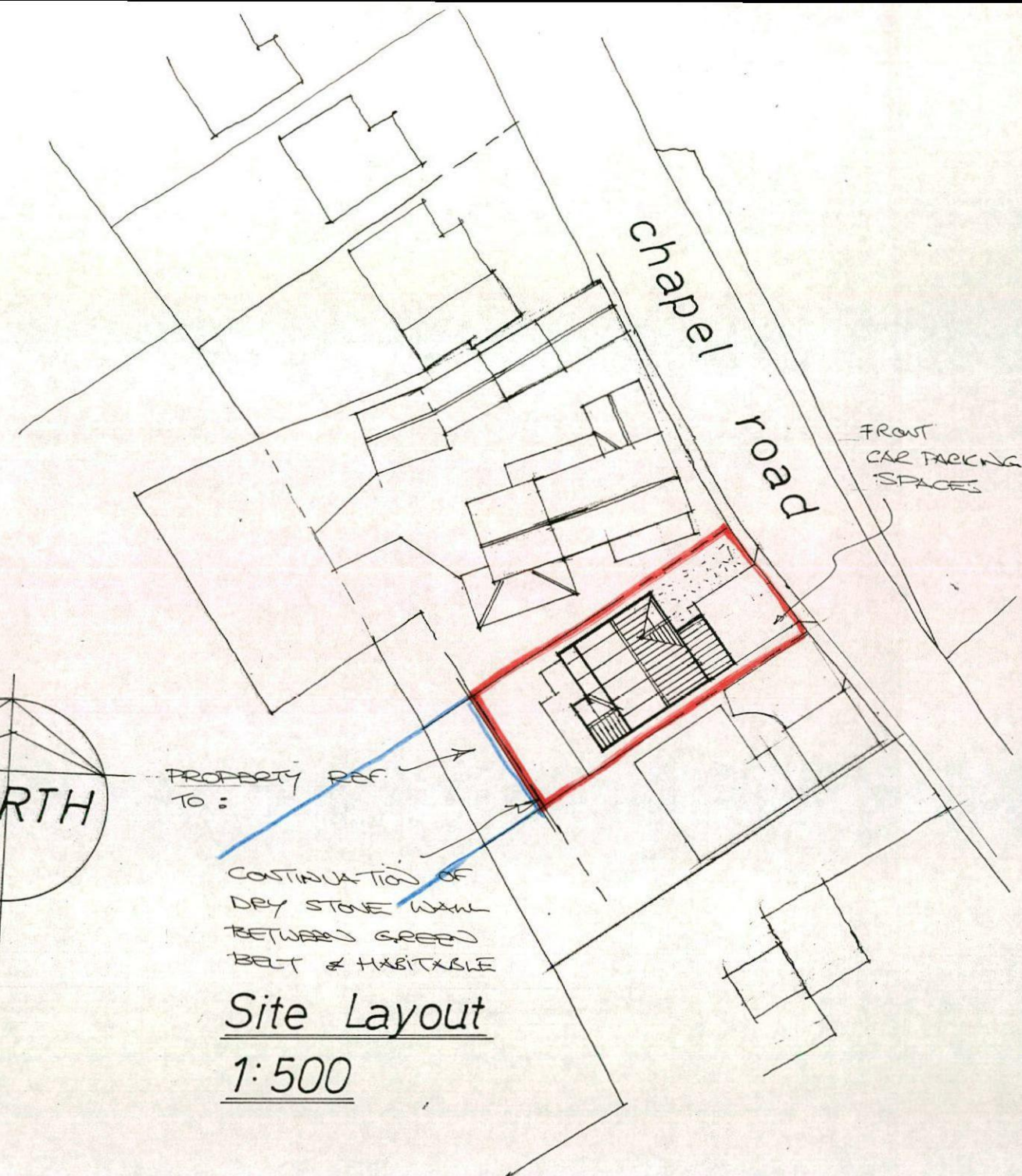
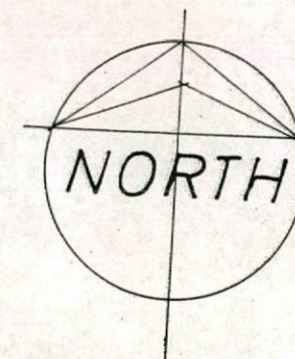
Rev	Notes	Date
A	CARPORT OMITTED	04/14

Garry
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Design Consultant
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PROJECT	Detached Dwelling
CLIENT	Mr. Neil Anthony
TITLE	Elevations as Proposed
ADDRESS	Land adj. Gate Inn, Chapel Rd, Pilley, Barnsley. S75 3AR
DRAWN BY	ggg
SCALE	1:100
DATE	Mar 14
DRAWING No	751-19
REV	A
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Location Layout 1:1250



Site Layout
1:500

Rev	Notes	Date
A	CAR PORT OMITTED	04/14

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PROJECT	Detached Dwelling
CLIENT	Mr. Neil Anthony
TITLE	Site & Location Layouts
ADDRESS	Land adj. Gate Inn, Chapel Rd, Pilley, Barnsley. S75 3AR
DRAWN BY	ggg
SCALE	as shown
DATE	Mar 14
DRAWING No	751-15
REV	

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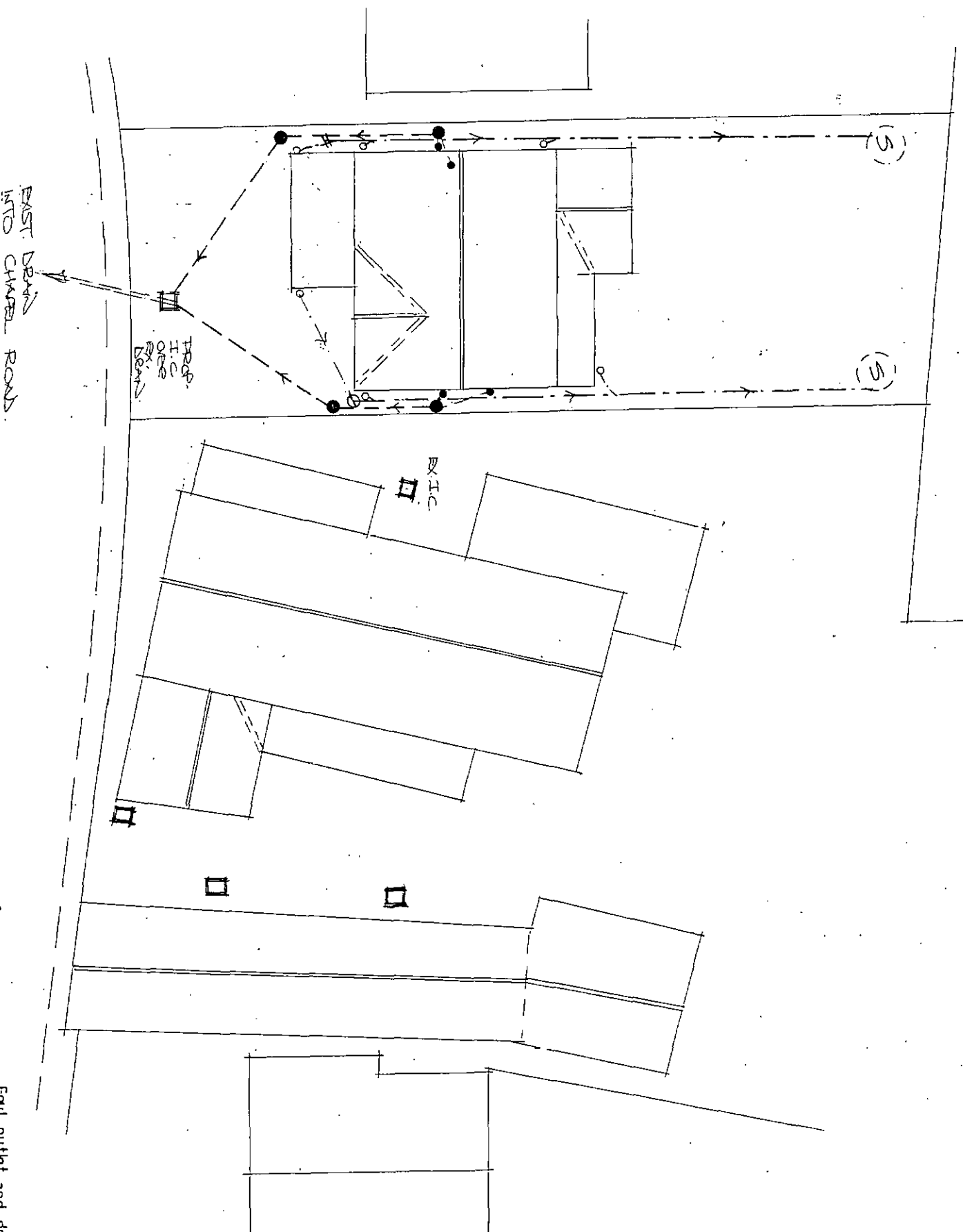


Table 11 Minimum dimensions for access fittings and inspection chambers

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

Notes:

- The clear opening may be reduced by 20 mm in order to provide proper support for the cover and frame.
- Drains up to 150mm.
- 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	Circular diameter	Min clear opening size ²	Circular diameter
		Rectangular length and width		Rectangular length and width	
Manhole	< 1.5m deep to soffit	≤ 150	750 x 675 ¹	1000 ¹	750 x 675 ¹
		225	1200 x 675	1200	1200 x 675 ¹
		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 ¹					
> 3.0m deep to soffit of pipe	Steps	1050 x 800	1050	600 x 600	600
	Ladder	1200 x 800	1200		
	Winch	900 x 800	900	600 x 600	600

Notes:
Larger sizes may be required for manholes on bends or where there are junctions.
May be reduced to 600 by 600 where required by highway loading considerations, subject to a safe system of work being specified.
Not applicable due to working space needed.
Minimum height of chamber in shafted manhole 2m from benching to underside of reducing slab.
Min clear space between ladder or steps and the opposite face of the shaft should be approximately 500mm
Winch only - no stops or ladders, permanent or removable.
The minimum size of any manhole serving a sewer f.c. any drain serving more than one property should be 1200 mm x 675 mm rectangular or 1200 mm diameter.

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

Rev	Notes	Date
A	CRD REET CMTED	07/14

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Project	Detached Dwelling
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100	100

CLIENT Mr. Neil Anthony

TITLE
Drainage Layout

ADDRESS

Rd. Pilley, Barnsley. S75 3AR

DRAWN BY
ggg

SCALE	1:200	DATE	MAR 12
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DRAWING NO	751-16	REV	A
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