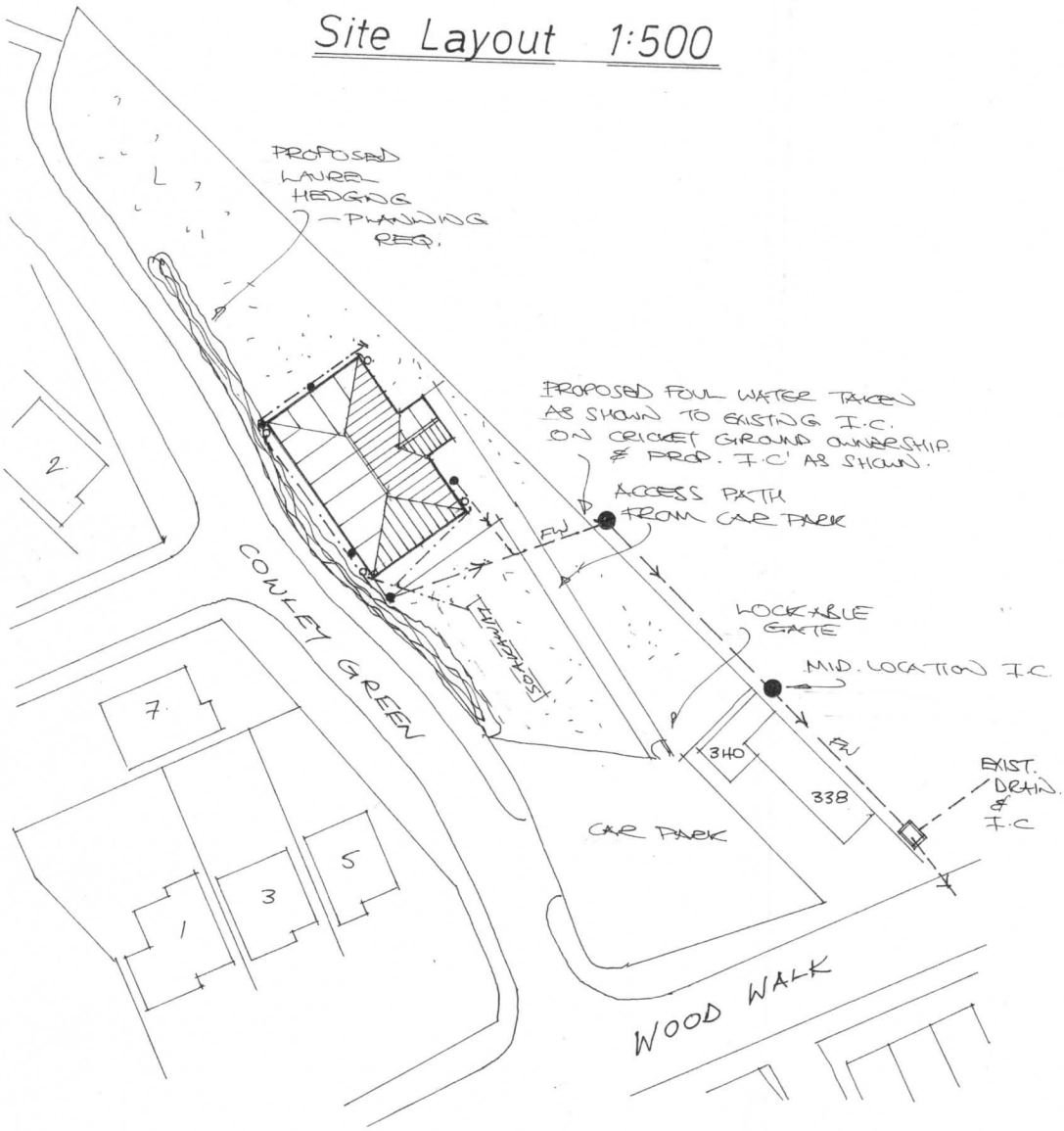
Site Layout 1:500



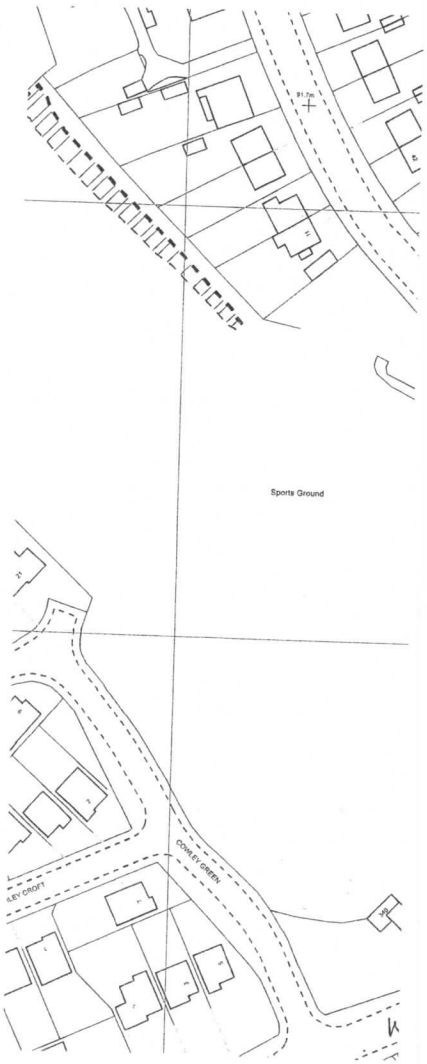
Rev	Notes	Date
B	DRAINAGE ALTERED	05-17
A	HIPPED ROOF ADDED	03-17

NORTH

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

PROJECT	Changing Facilities
CLIENT	Wombwell Cricket Club
TITLE	Site & Location Layouts
ADDRESS	Wombwell Cricket Club, off Windmill Road, Wombwell, Barnsley. S73 8PW
DRAWN BY	ggg
SCALE	as shown
DATE	Jan 17
DRAWING No	849-01
REV	B

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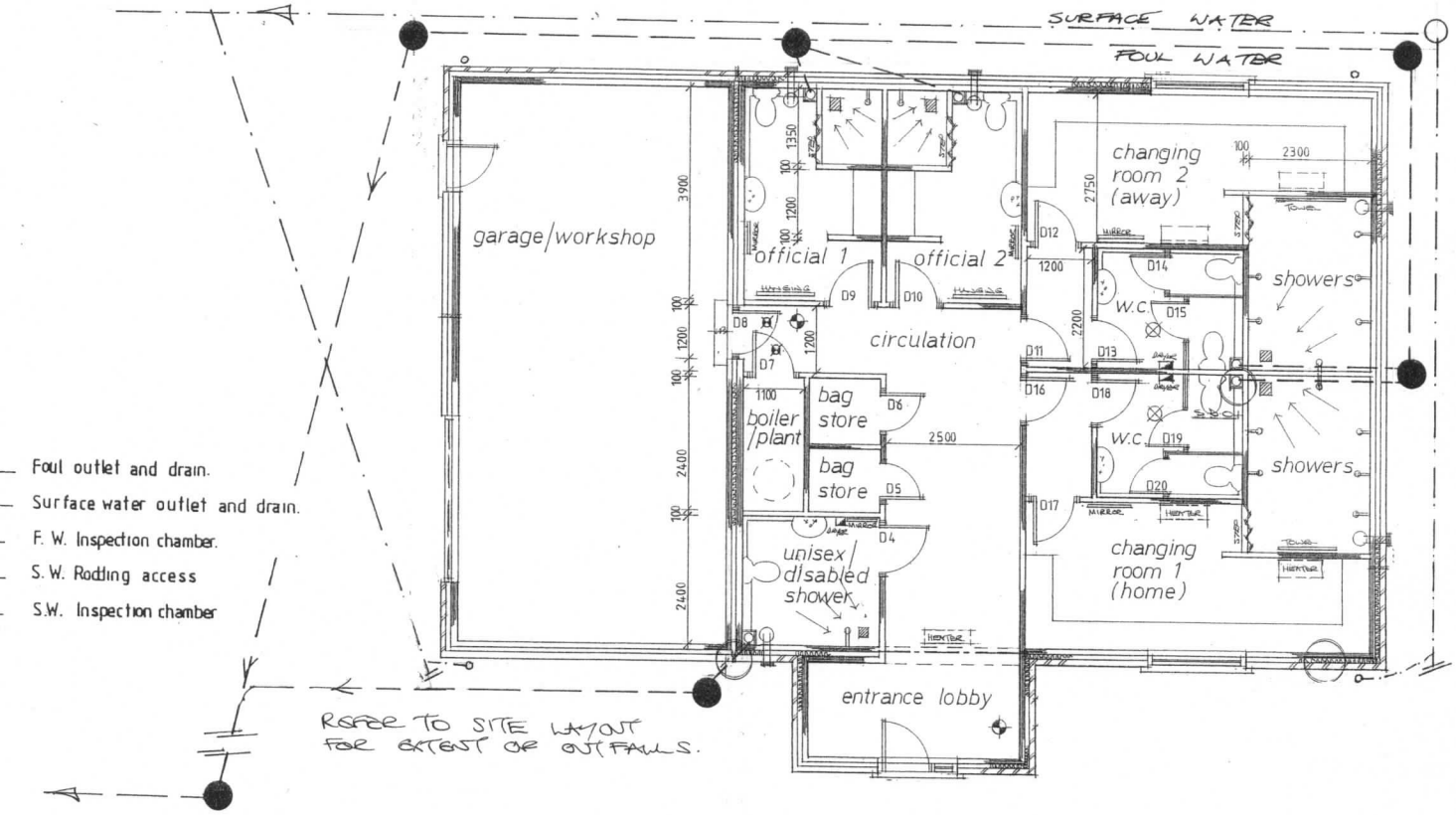


Location Plan

TO CONNECT INTO MAIN SEWERS IN COWLEY GREEN.

Drainage Layout 1:100

TO LINEAR SOAKAWAY.





1:1250

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, except where situated in a chamber	150 x 100	150	150 x 100 [1]	Same size as access fitting
small 150 x 100		225 x 100	225	225 x 100 [1]	
large 225 x 100					
Inspection chamber					
shallow	0.6 or less	225 x 100	190	-	190
	1.2 or less	450 x 450 [2]	450	Min 430 x 430 max 300 x 300 [3]	430
deep	> 1.2	450 x 450	450		Access restricted to max 350 [3]

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 [4]					
> 3.0m deep to soffit of pipe	Steps [5]	1050 x 800	1050	600 x 600	600
	Ladder [5]	1200 x 800	1200		
	Winch [6]	900 x 800	900	600 x 600	600

Notes:
[1] Larger sizes may be required for manholes on bends or where there are junctions.
[2] May be reduced to 600 by 600 where required by highway loading considerations, subject to a safe system of work being specified.
[4] Not applicable due to working space needed.
[5] 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 900mm.
[6] Winch only - no steps or ladders, permanent or removable.
[7] The minimum size of any manhole serving a sewer (i.e any drain serving more than one property) should be 1200 mm x 675 mm rectangular or 1200 mm diameter.