

bismarck street

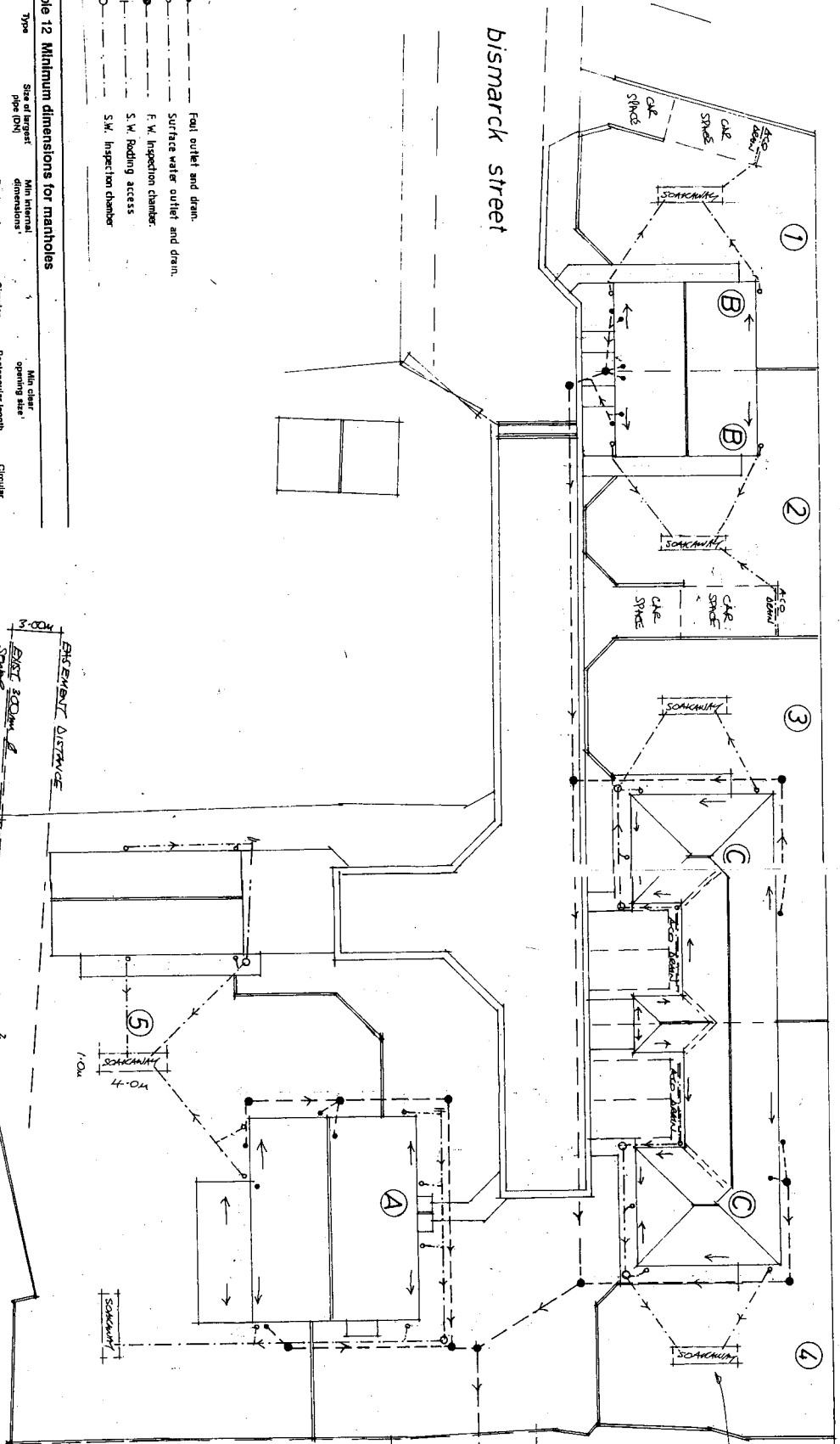


Table 12 Minimum dimensions for manholes

Type	Size of largest pipe (DN)	Min internal dimensions	Min clear opening size	Min clear opening length	Min clear opening width
Manhole					
< 1.5m deep to soffit					
< 1.5m deep to soffit	150	750 x 675	1000	750 x 675	na
< 1.5m deep to soffit	225	1200 x 675	1200	1200 x 675	na
< 1.5m deep to soffit	300	1200 x 750	1200	1200 x 750	na
< 1.5m deep to soffit	> 300	1200 x 750	1200	1200 x 750	na
> 1.5m deep to soffit	150	750 x 675	1000	750 x 675	na
> 1.5m deep to soffit	225	1200 x 675	1200	1200 x 675	na
> 1.5m deep to soffit	300	1200 x 750	1200	1200 x 750	na
> 1.5m deep to soffit	> 300	1200 x 750	1200	1200 x 750	na
Manhole shaft					
> 3.0m deep to soffit of pipe	150	750 x 675	1000	750 x 675	na
> 3.0m deep to soffit of pipe	225	1200 x 675	1200	1200 x 675	na
> 3.0m deep to soffit of pipe	300	1200 x 750	1200	1200 x 750	na
> 3.0m deep to soffit of pipe	> 300	1200 x 750	1200	1200 x 750	na

Notes:
 1. Large shafts may be required for manholes on bridges or where there are no junctions.
 2. Manholes shall be constructed of brick or concrete and shall be finished to a standard finish.
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Table 11 Minimum dimensions for access fills

Type	Depth to invert from cover level (mm)	Internal size	Access filling
Roading eye	As drain but min 100		
Access filling			
small	150 x 100	150 x 100	150 x 100
large	225 x 100	225 x 100	225 x 100
Inspection chamber			
shallow	1.2 or less	225 x 100	225 x 100
deep	> 1.2	450 x 450	450 x 450

Notes:
 1. The clear opening may be reduced by 20 mm in order to provide proper support.
 2. A larger clear opening may be used in conjunction with a reinforced access.

Table 10 Minimum dimensions for access fills and inspection chambers

Type	Depth to invert from cover level (mm)	Internal size	Access filling
Roading eye	As drain but min 100		
Access filling			
small	150 x 100	150 x 100	150 x 100
large	225 x 100	225 x 100	225 x 100
Inspection chamber			
shallow	1.2 or less	225 x 100	225 x 100
deep	> 1.2	450 x 450	450 x 450

Notes:
 1. The clear opening may be reduced by 20 mm in order to provide proper support.
 2. A larger clear opening may be used in conjunction with a reinforced access.

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Project: Residential Development
Client: Mr. Mick Miller
Title: Drainage Layout
Address: Bismarck Street, Worsborough Common, Barnsley, S70 4NN
Scale: 1:200
Date: 18 Nov 19

Rev	Notes	Date
1	Issue for construction	18 Nov 19

highstone view