

DO NOT SCALE

1. Cover levels are approximate only and may vary on site. Covers to suit finished levels.
2. Contractor is responsible for positioning MHS so they do not compromise line or level of kerbing or other delineation at the juncture of two surface materials.
3. PPIC manhole diameters may vary and are dependant on manufactures specification and diameter of incoming / outgoing pipes.
4. Concrete manhole diameters are dependant on nominal internal diameter of largest pipe in manhole. See Table A on Typical Manhole Details drawing.

Surface Water Drainage Manhole Schedule											
MH Ref.	Cover Level	Invert Level	MH Type	MH Dia. (m)	Cover Type	D/S Pipe Length	Depth to Invert	Pipe Size (m)	Depth to Soffit	Gradient	Comments
S1	87.625	86.200	Conc.	1.200	D400	70.873	1.425	0.150	1.275	1:31.2	
S2	85.350	83.850	Conc.	1.200	D400	66.514	1.500	0.225	1.275	1:149.5	
S3	86.785	83.330	Conc.	1.350	D400	69.371	3.455	0.450	3.005	1:150.8	
S4	85.350	82.870	Conc.	1.350	D400	41.940	2.480	0.450	2.030	1:95.3	
S5	85.350	82.430	Conc.	2.100	D400	19.521	2.920	0.450	2.470	1:79.7	
S6	85.000	82.185	Conc.	2.100	D400	27.696	2.815	0.225	2.590	1:22.0	Flow Control Chamber at 22.4 l/s
S7	82.350	80.925	Conc.	1.200	D400	87.691	1.425	0.225	1.200	1:100.2	
S8	82.200	80.050	Conc.	1.200	D400	38.906	2.150	0.225	1.925	1:15.3	
S9	79.000	77.500	Conc.	N/A	D400	N/A	1.500	0.225	1.275	N/A	Headwall
S10	85.350	83.000	Conc.	1.200	D400	34.062	2.350	0.225	2.125	1:98.7	
S11	88.050	86.050	Conc.	1.200	D400	58.894	2.000	0.300	1.700	1:22.9	

Issued for Planning	JJH	P02	JC	23.03.2022
FIRST DRAFT	JJH	P01	JC	05.11.2021
AMENDMENT	BY	REV	CHK	DATE

Rev P = Preliminary T = Tender C = Construction LCI = Last Construction Issue

In instances where this drawing completes or partly completes a contract, Billingham George & Partners will consider that its product has been validated, unless in a period not exceeding 90 working days, the client advises to the contrary.



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Client _____

Copeland Borough Council

Project Cleator Moor Innovation Quarter	Project No. 21T2034
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Drawing Title	Area 2 - Manhole Schedule
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Drawn	Date	Checked	Date	Size	Scale	Class.	Rev.
JJH	Nov 2021	JC	Nov 2021	A1	1:1000	52	P02

Location	Originator	Volume	Level	Type	Role	Unique No.
CMIQ	BGP	03	XX	DR	C	03131

File Reference

CMIQ-BGP-03-XX-DR-C-52-03131

Area 2 Reference Drawings

CMIQ-BGP-03-XX-DR-C-52-03101 - Impermeable Areas Plan
 CMIQ-BGP-03-XX-DR-C-52-03102 - Flood Exceedance Flow Route
 CMIQ-BGP-03-XX-DR-C-52-03130 - Drainage Plan
 CMIQ-BGP-03-XX-DR-C-52-03131 - Manhole Schedule