

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	81.163	79.652	Conc.	1.200	D400	69.616	73.027	0.225	1.286	1:143.5	
S2	80.912	79.143	Conc.	1.200	D400	22.326	1.769	0.225	1.544	1:124.7	
S3	80.925	78.964	Conc.	1.200	D400	14.930	1.961	0.300	1.661	1:125.5	
S4	80.776	78.845	Conc.	1.350	D400	186.723	1.931	0.375	1.556	1:125	
S5	79.622	77.351	Conc.	1.350	D400	8.722	2.271	0.375	1.896	1:124.6	
S6	79.731	77.206	Conc.	1.350	D400	21.757	2.525	0.450	2.075	1:125.0	
S7	79.932	77.032	Conc.	1.350	D400	4.000	2.900	0.450	2.450	1:125.0	
S8	80.000	77.000	Conc.	2.100	D400	42.742	3.000	0.450	2.550	N/A	Flow Control Chamber at 100.0 I/s
S9	77.000	76.500	Conc.	1.200	D400	N/A	0.500	0.450	0.050	N/A	Headwall
S10	82.000	79.500	Conc.	1.200	D400	5.000	2.500	0.150	2.350	1:100	Flow Control Chamber at 5.0 I/s
S11	82.000	79.290	Conc.	1.200	D400	5.000	2.710	0.150	2.560	1:100	Flow Control Chamber at 5.0 I/s
S12	81.750	79.270	Conc.	1.200	D400	5.000	2.480	0.150	2.330	1:100	Flow Control Chamber at 5.0 I/s
S13	82.000	78.000	Conc.	1.200	D400	5.000	4.000	0.150	3.850	1:100	Flow Control Chamber at 5.0 I/s
S14	81.500	78.000	Conc.	1.200	D400	5.000	3.500	0.150	3.350	1:100	Flow Control Chamber at 5.0 I/s
S15	80.000	77.322	Conc.	1.200	D400	14.000	2.678	0.300	2.378	1:100	
S16	79.243	78.162	Conc.	1.200	D400	24.028	1.081	0.225	0.856	1:100.1	
S17	79.007	77.922	Conc.	1.200	D400	38.986	1.085	0.225	0.860	1:100	
S18	79.383	77.532	Conc.	1.200	D400	27.491	1.851	0.225	1.626	1:100	

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, Billinghurst 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.



Billinghurst George & Partners

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Client	Copeland Borough Council
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Project Cleator Moor Innovation Quarter	Project No. 21T2034
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Drawing Title							
Area 3 - Manhole Schedule							
Drawn	Date	Checked	Date	Size	Scale	Class.	Rev.
JUH	Nov 2021	JC	Nov 2021	A1	1:1000	52	P02
Location	Originator	Volume	Level	Type	Role	Unique No.	
CMIQ	BGP	02	XX	DR	C	02131	

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