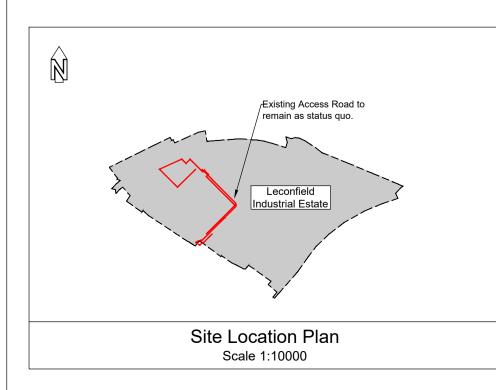


1. Cover levels are approximate only and may vary on site. Covers to suit finished levels. 2 3.

Surface Water Drainage Manhole Schedule								
MH Ref.	Cover Level	Invert Level	Туре	MH Dia.	Cover Type	C		
S1	80.725	79.200	Conc.	1200	D400			
S2	80.725	77.780	Conc.	1500	D400			
S3	80.725	77.615	Conc.	1200	D400			
S4	80.725	77.450 (Inlet) 77.400 (Outlet)	Conc.	2100	D400	Hydr Contro		
S5	80.725	76.500 (TBC prior to construction)	Conc.	1500	D400	B		
S6	81.000	79.280	Conc.	1200	D400			
S7	81.750	80.400	Conc.	1200	D400			
S8	80.850	79.500	Conc.	1200	D400			
S9	81.250	79.000	Conc.	1500	D400	MH to de		



\square

Notes

- . All works to be carried out in accordance with:
- 1.1 Design and Construction Guidance (DCG) and Sewerage Sector Guidance (SSG) for all sewers proposed to be offered for adoption. (note - the SSG replaces Sewers for Adoption (SfA) for all new developments)

DO NOT SCALE

- 1.2 BS EN 752 'Drain and Sewer Systems Outside Buildings'
- 1.3 Current applicable Building Regulations
- 1.4 BGP Specifications
- 1.5 Manufacturer installation guidance and requirements
- 2. All levels shown are in metres and are relative to ordnance datum (m AOD).
- . Invert levels of all existing chambers and connection points are to be confirmed and engineer advised prior to commencement of any Drainage Works.
- 4. Where proposed sewers connect into existing sewers, the existing sewers must to be checked for line, level and condition preferably by a CCTV survey
- Concrete bed and surround is required to all gully leads and to all pipes in highways/hardstanding where cover to pipe <1200mm
- 6. All pipes to be either extra strength V.C. to BS 65 or PVC certified to WIS 4-35-01 and BS/EN13476 `UPONOR ULTRARIB' or concrete pipes Class 120 to BS/EN 1916/BS5911-1 2002.
- Existing sewer positions are indicative and are not to be used in conjunction with design. Contractor to confirm location.
- . 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.
- D. Cover levels shown are indicative and may vary on site. The contractor should adjust levels to suit site conditions
- 10. Other services are not shown on this drawing, however their presence must be anticipated. The contractor is to confirm prior to commencing any works, the location and depth of all services that may affect the works the manufacturers requirements and recommendations.
- 11. All Information provided is for planning purposes only and should not be relied upon for either costing or construction.
- 12. All drainage outfall levels are to be investigated and confirmed prior to detailed design. Engineer to be informed of findings. Current design shown is indicative.
- 13. All Surface water discharge rates and methods of discharge are to be agreed with the Lead Local Flood Authority and Environment Agency. S.H.E.

Do not excavate until all underground services have been identified and marked out. Refer to service providers drawings and to the utilities survey drawings. Unknown underground services may exist. Check for services by carrying out a scan with a cable avoidance tool. Legend

Proposed SW Sewer						
Proposed FW Sewer						
Nor Beck (Culverted)						
Existing SW Sewer						
Existing FW Sewer	<u> </u>					
Existing UU Combined Sewer	_					
BOC Yard Redline Boundary						
Existing UU Sewer Easement						
Proposed Attenuation Tank						
Additional Notes						
Proposed Impermeable Area	=	4470m² (0.4470Ha.)				
Brownfield Discharge Rate	=	<u>15.0 l/s</u>				
Storage Required	=	<u>180m³</u>				

<u>180m³</u>

Issued for Planning		P02	JC	04.03.2022	
FIRST DRAFT		P01	JC	11.01.2022	
AMENDMENT		REV	СНК	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 it's product has been validated, unless in a period not exceeding 90 working days, the client advises to the contrary.

		RUCTURAL on House, V	•	S BUILD urt, Stockt	ING Ston-o	SUR\ n-Tee	/EYORS es, TS18 3 ⁻	
Client Copela	and Borough C	Council						
Project Cleato Drawing 1	r Moor Innova Fitle	tion Quarter	- BOC Yard			-	ect No. Г2034	
Draina	ige Plan							
Drawn JJH	Date Jan 2022	Checked JC	Date Jan 2022	Size A1	Sca 1:5		Class. 52	Rev. P02
Location CMIQ	Originator BGP	Volume 04	Level XX	Type DR	Rol C	le Unique No. 04130		No.
File Refer CMIQ-E	ence 3GP-04-XX-DF	R-C-52-0413	0	·				

l based on 1 in 100 year
d 15.0 l/s discharge rate
nk Base = 77.550
6.0m x 15.0m
BC by Manufacturer.

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See Drawing CMIQ-BGP-01-XX-DR-C-52-01901 for Discharge Rate Calculations.