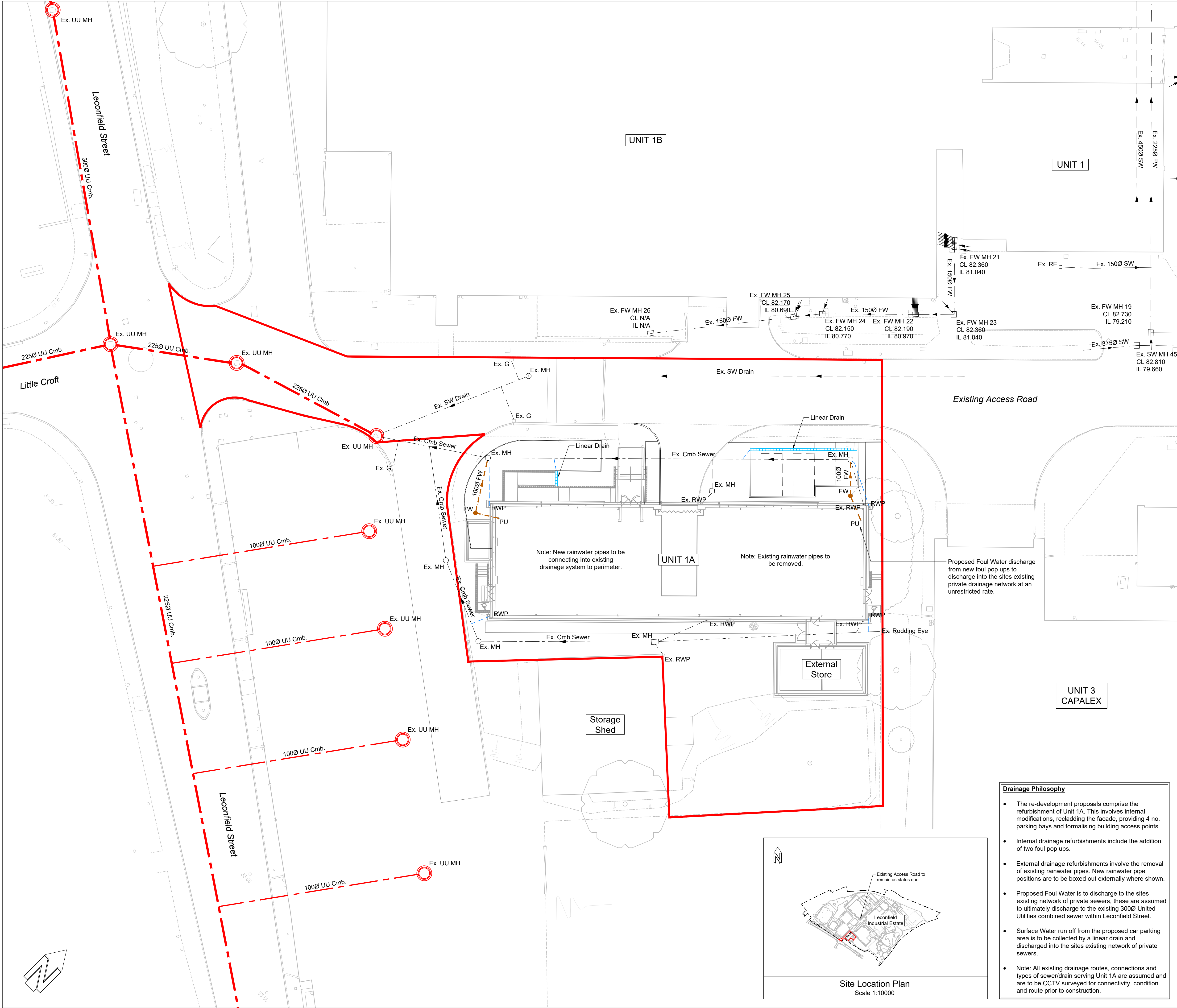




DO NOT SCALE

Notes

1. 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)

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).

3. 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

5. Concrete bed and surround is required to all gully leads and to all pipes in highways/hardstanding where cover <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.

7. Existing sewer positions are indicative and are not to be used in conjunction with design. Contractor to confirm location.

8. 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.

9. 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 Information provided is for planning purposes only and should not be relied upon for either costing or construction.

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 Drain

Proposed FW Sewer

Existing SW Drain

Existing FW Sewer

Existing Cmb Sewer

Existing UU Combined Sewer

Unit 1A Site Boundary

New Foul Penetration in Slab

Existing Rainwater Pipe to be removed

Existing Gully

PU

Ex. RWP

Ex. G

Issued for Comment	JRA	P03	JC	12.05.2022
Issued for Comment	JJH	P02	JC	29.04.2022
Issued for Comment	JJH	P01	JC	21.04.2022
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 it's product has been validated, unless in a period not exceeding 90 working days, the client advises to the contrary.

bgp

Billingham George & Partners

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Client

Copeland Borough Council

Project

Cleator Moor Innovation Quarter - Plot 1A Refurb

Project No.

21T2034

Drawing Title

Proposed Drainage Plan

Drawn	Date	Checked	Date	Size	Scale	Class.	Rev.
JJH	April 2022	JC	April 2022	A1	1:200	52	P03

Location	Originator	Volume	Level	Type	Role	Unique No.
CMIQ	BGP	06	XX	DR	C	06130

File Reference

CMIQ-BGP-06-XX-DR-C-52-06130

Drainage Philosophy

- The re-development proposals comprise the refurbishment of Unit 1A. This involves internal modifications, recladding the facade, providing 4 no. parking bays and formalising building access points.
- Internal drainage refurbishments include the addition of two foul pop ups.
- External drainage refurbishments involve the removal of existing rainwater pipes. New rainwater pipe positions are to be boxed out externally where shown.
- Proposed Foul Water is to discharge to the sites existing network of private sewers, these are assumed to ultimately discharge to the existing 3000 United Utilities combined sewer within Leconfield Street.
- Surface Water run off from the proposed car parking area is to be collected by a linear drain and discharged into the sites existing network of private sewers.
- Note: All existing drainage routes, connections and types of sewer/drain serving Unit 1A are assumed and are to be CCTV surveyed for connectivity, condition and route prior to construction.