





LEGEND

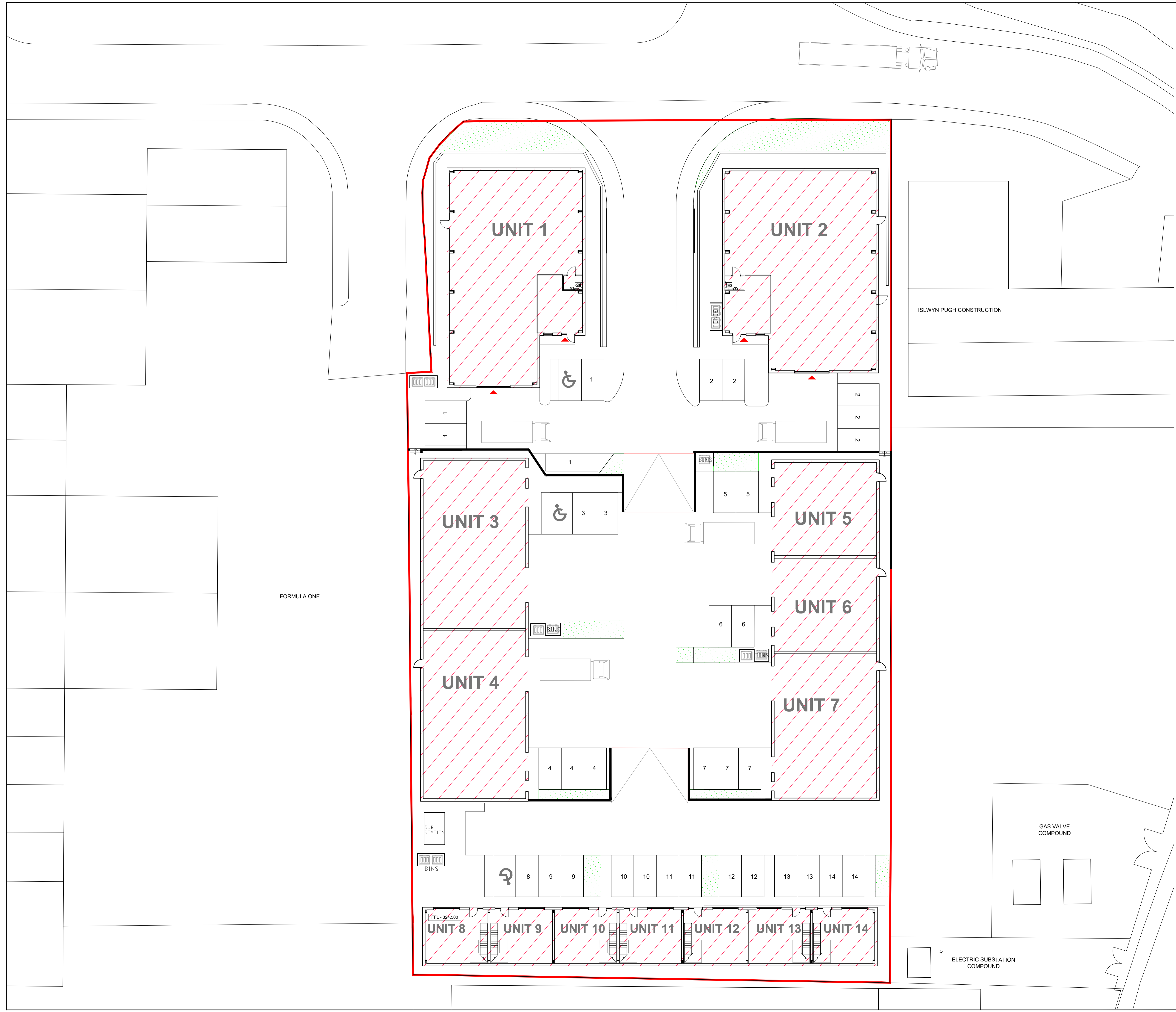
-  DENOTES EXTENT OF PROPOSED SITE BOUNDARY (5425m²)
-  DENOTES EXTENT OF PROPOSED BUILDING ROOF AREAS (2102m²)
-  DENOTES EXTENT OF PROPOSED HARDSTANDING AREAS (3092m²)
-  DENOTES EXTENT OF PROPOSED LANDSCAPE AREAS (231m²)

PROPOSED SURFACE WATER DISCHARGE RATE:-

THE MICRO DRAINAGE ICP SUDS MEAN ANNUAL FLOOD GREENFIELD RUNOFF FOR PROPOSED ROOF & HARDSTANDING AREAS ONLY:-

- QBAR: 2.9 Litres/Sec. (1in1 YEAR)
- QBAR: 3.3 Litres/Sec. (1in2 YEAR)
- QBAR: 6.2 Litres/Sec. (1in50 YEAR)
- QBAR: 8.6 Litres/Sec. (1in100 YEAR)
- QBAR: 9.8 Litres/Sec. (1in200 YEAR)

THE PROPOSED SURFACE WATER DISCHARGE WILL BE RESTRICTED TO THE GREENFIELD RUNOFF OF 3.0 Litres/Sec. DURING ALL FLOOD EVENTS UP TO AND INCLUDING A 200yr. STORM RETURN PLUS 30% CLIMATE CHANGE IN ACCORDANCE WITH SUD'S MANUAL C753.



A	Updated Site Layout	CC	CC	CC	06.03.20
REV	DESCRIPTION	BY	CHK	APP	DATE

PLANNING

The Multi-disciplinary Engineering Consultancy

h
HARLEY HADDOW

Suite 4/3, The Skypark, 8 Elliot Place,
Glasgow G3 8EP
T 44 (0) 141 332 3031
glas@harleyhaddow.com
edinburgh1 | london1 | glasgow
harleyhaddow.com
Association for Consulting and Engineering Member Firm

Project: -
**Proposed Industrial Units
Pant Industrial Estate
Merthyr Tydfil, Wales**

Drawing Title:
**Post Development Surface
Water Runoff**

Scale @ A1	Date	Engineer
1:200	February 2020	C.Connor
Drawing No.	Revision	
305056-004	A	