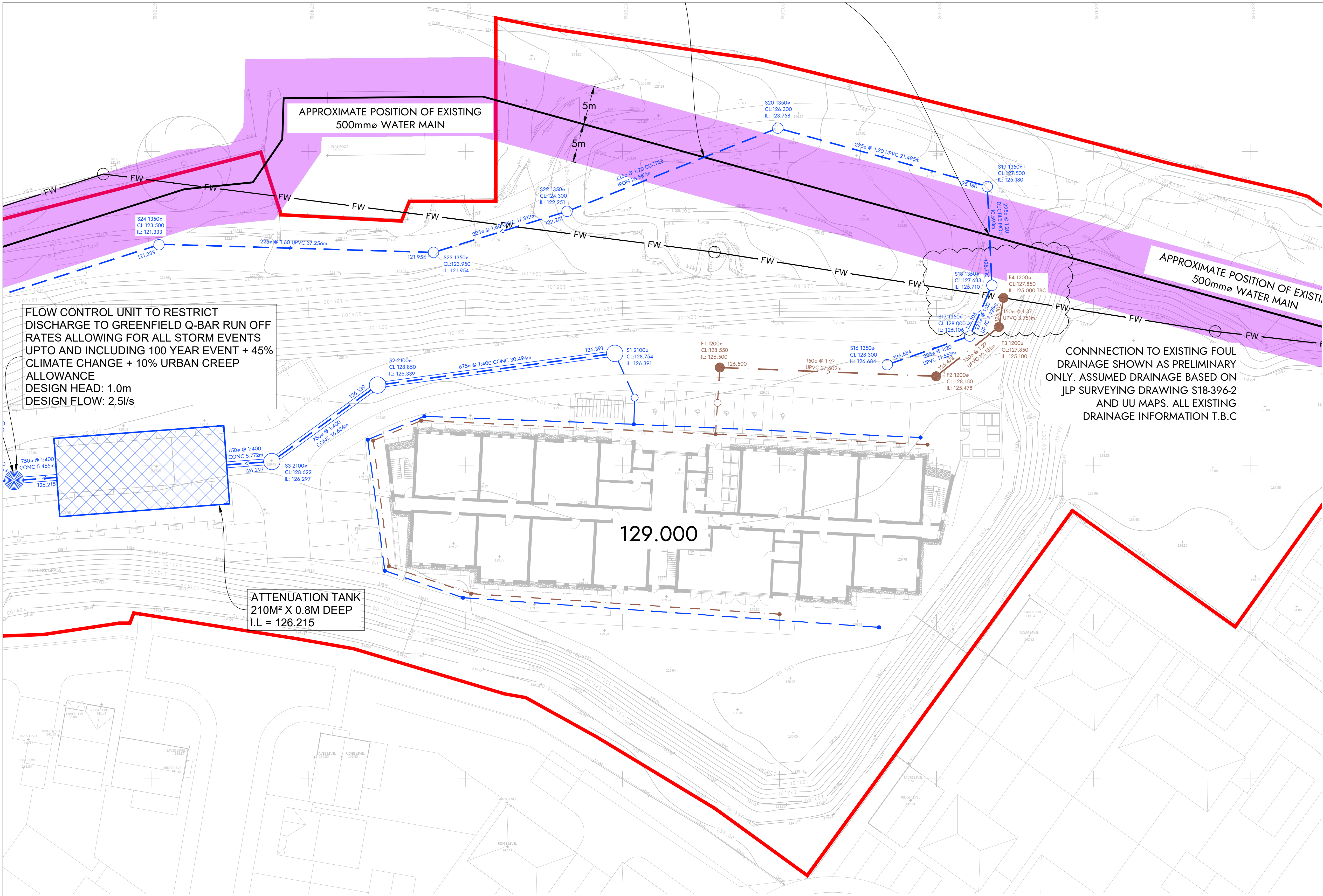




FLOW CONTROL UNIT TO RESTRICT DISCHARGE TO GREENFIELD Q-BAR RUN OFF RATES ALLOWING FOR ALL STORM EVENTS UPTO AND INCLUDING 100 YEAR EVENT + 45% CLIMATE CHANGE + 10% URBAN CREEP ALLOWANCE
DESIGN HEAD: 1.0m
DESIGN FLOW: 2.5l/s

ATTENUATION TANK
210M² X 0.8M DEEP
I.L = 126.215

CONNECTION TO EXISTING FOUL DRAINAGE SHOWN AS PRELIMINARY ONLY. ASSUMED DRAINAGE BASED ON JLP SURVEYING DRAWING S18-396-2 AND UU MAPS. ALL EXISTING DRAINAGE INFORMATION T.B.C

- NOTES**
- SETTING OUT SHALL BE UNDERTAKEN USING ONLY THE INFORMATION GIVEN. DISTANCES SHOULD NOT BE SCALED FROM THIS DRAWING.
 - ALL SEWERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION GUIDANCE AND WHERE APPLICABLE UNITED UTILITIES DETAILS
 - THE MINIMUM GRAVITY PIPE DIAMETER UNDER ADOPTABLE HIGHWAYS SHALL BE 150mm
 - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL INFORMATION GIVEN WITH REGARDS TO EXISTING SERVICES AND DRAINAGE CONNECTIONS ETC. PRIOR TO COMMENCING THE WORKS. THE RATES SHALL INCLUDE FOR HAND DIG AROUND SERVICES WHERE NECESSARY. THE CONTRACTOR SHALL ADHERE TO THE CDM REGULATIONS AT ALL TIMES
 - EXISTING FLOWS IN WATERCOURSES, SEWERS AND LAND DRAINS SHALL BE MAINTAINED AT ALL TIMES
 - ALL MATERIALS TO BEAR THE RELEVANT B.S. KITEMARK AND COMPLY FULLY WITH THE SPECIFICATIONS. ALL CONCRETE & CONCRETE PRODUCTS MUST USE SULPHATE RESISTANT CEMENT (UNLESS THE SITE INVESTIGATION REPORT PROVES THAT SULPHATE ATTACK FROM SOILS AND GROUNDWATER WILL NOT OCCUR TO WITHSTAND A CLASS
 - ALL OPENING NOTICES ETC. AS REQUIRED UNDER HIGHWAYS ACTS ETC. ARE TO BE OBTAINED PRIOR TO COMMENCEMENT OF WORKS. ALL WORKS ARE TO BE INSPECTED BY L.A., NHBC OR THE NETWORK OPERATOR AS APPLICABLE.
 - WHERE "ULTRA RIB" UPVC PIPES (OR SIMILAR APPROVED) ARE USED IN ADOPTABLE DRAINAGE THEY SHALL STILL BE HANDLED AND LAID IN ACCORDANCE WITH THE SPECIFICATION AND GUIDANCE ISSUED BY THE HIGH-PERFORMANCE PIPE ASSOCIATION.
 - A CLASS 5 BED AND SURROUND MUST BE USED FOR SUCH PIPES. TRENCH BACKFILL IN HIGHWAYS TO WITHIN 1m OF HIGHWAY SHALL, AS DIRECTED BY THE HIGHWAY AUTHORITY BE A SUITABLE GRANULAR MATERIAL ALL IN ACCORDANCE WITH SEWERS FOR ADOPTION CL. 4.3.4.
 - DOMESTIC DRAINAGE SHALL BE TO BUILDING REGULATIONS APPROVED DOCUMENT H. 110mm U.P.V.C. PIPES LAID TO THE FOLLOWING MINIMUM FALLS UNLESS OTHERWISE SHOWN.

	FOUL	S.W.
HEAD RUN	1 IN 40	1 IN 60
ELSEWHERE	1 IN 80	1 IN 100
 - ALL GULLY CONNECTIONS TO BE 150mm VITRIFIED UPVC UNLESS NOTED OTHERWISE
 - MINIMUM COVER TO DRAINAGE SOFFIT LEVEL;

	LANDSCAPING	TRAFFICKED AREAS	HIGHWAYS
0.600m	0.900m	1.200m	
 - CLASS 'S' BEDDING AND SURROUND TO BE USED WHERE MINIMUM COVER IS ACHIEVED.
 - WHERE MINIMUM COVER IS NOT ACHIEVED CLASS 'Z' BEDDING AND SURROUND (CONCRETE ENCASMENT) IS TO BE USED.

- KEY:**
- SURFACE WATER SEWER
 - SURFACE WATER FLOW CONTROL
 - FOUL WATER SEWER
 - RISING MAIN
 - EXISTING SEWER
 - EXISTING 5M WATER MAIN EASEMENT
 - SITE BOUNDARY
 - DEVELOPMENT BOUNDARY

DRAWING SUBMITTED FOR INFORMATION PURPOSES ONLY

PO4	27.04.26	PB	Client comments
PO3	05.03.26	KF	Revised Site Boundary
PO2	03.03.26	KF	Revised to suit latest Architects layout
PO1	15.09.25	KF	Preliminary Issue
Rev	Date	By	Description

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Client
BMC Rochdale Limited

Project
Royle Road, Rochdale

Title
Drainage Strategy - Sheet 2

Status	Suitability Description For Information	Structural Stage	Date
			15.09.25

Designed By	Drawn By	Scale @ A1	Project No.
KF	KF	1:250	2885

Sheet No.	Revision
2885-SCE-00-00-DR-C-0002	PO4

DETAILS OF EXISTING WATER MAIN AND ALL EXISTING DRAINAGE TO BE CONFIRMED PRIOR TO WORKS ON SITE. DRAINAGE LAYOUT HAS BEEN SHOWN FOR INFORMATION PURPOSES ONLY AND IS SUBJECT TO CHANGE UPON RECEIVAL OF SUPPORTING INFORMATION