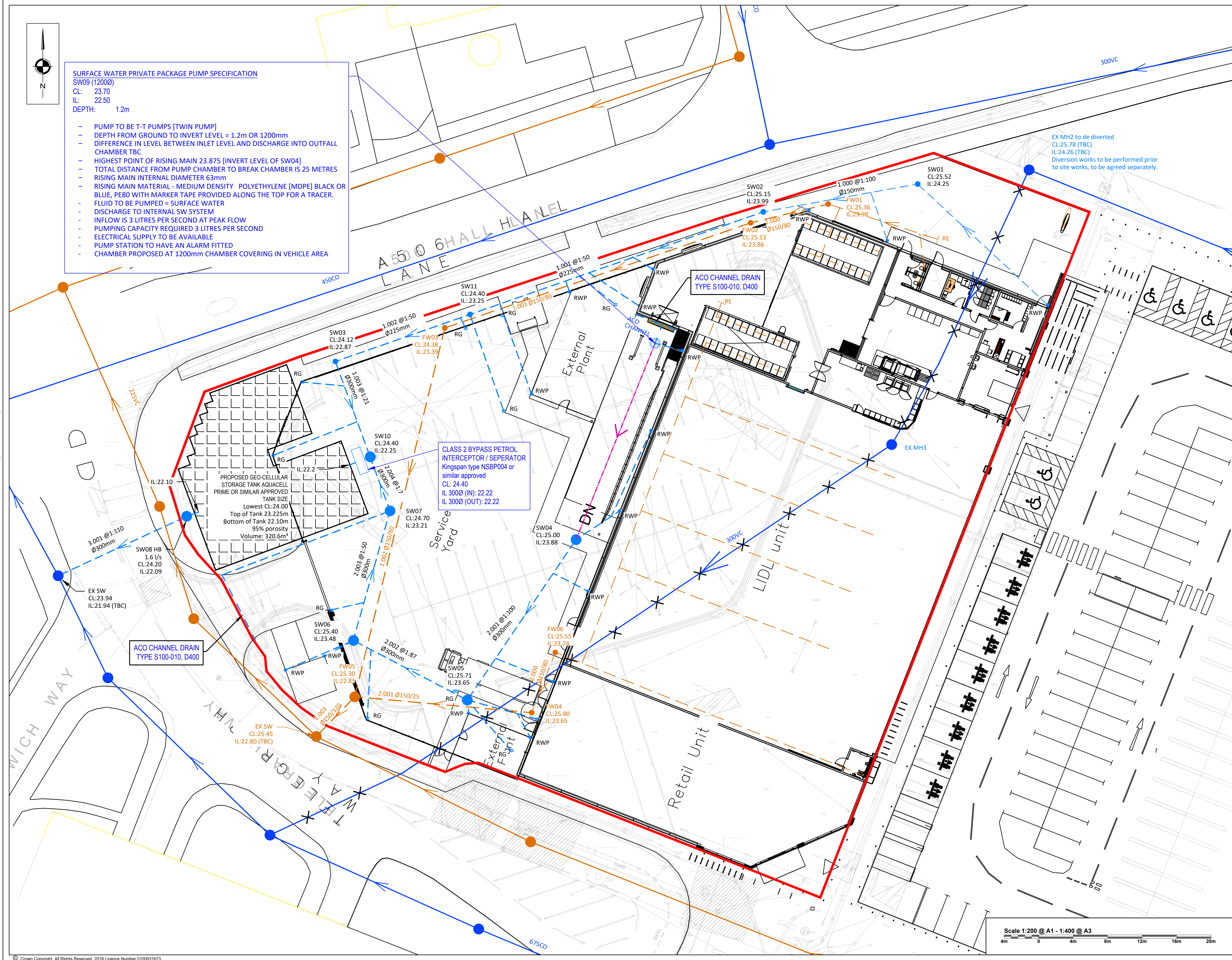


FILE DATA - Location: P:\JOB LIBRARY\2025\250134 - LIDL - IRLAM DRIVE, KIRKBY\DRAWINGS IN PROGRESS\SCP-250134-0501 - P01 - PROPOSED DRAINAGE LAYOUT.DWG, Saved: 01.06.2026 4:24 PM, Size: ISO A1 (841.00 x 594.00 MM)



SURFACE WATER PRIVATE PACKAGE PUMP SPECIFICATION
SW09 (12000)
CL: 23.70
IL: 22.50
DEPTH: 1.2m

- PUMP TO BE T-T PUMPS [TWIN PUMP]
- DEPTH FROM GROUND TO INVERT LEVEL = 1.2m OR 1200mm
- DIFFERENCE IN LEVEL BETWEEN INLET LEVEL AND DISCHARGE INTO OUTFALL CHAMBER TBC
- HIGHEST POINT OF RISING MAIN 23.875 [INVERT LEVEL OF SW04]
- TOTAL DISTANCE FROM PUMP CHAMBER TO BREAK CHAMBER IS 25 METRES
- RISING MAIN INTERNAL DIAMETER 63mm
- RISING MAIN MATERIAL - MEDIUM DENSITY POLYETHYLENE [MDPE] BLACK OR BLUE, PE80 WITH MARKER TAPE PROVIDED ALONG THE TOP FOR A TRACER.
- FLUID TO BE PUMPED = SURFACE WATER
- DISCHARGE TO INTERNAL SW SYSTEM
- INFLOW IS 3 LITRES PER SECOND AT PEAK FLOW
- PUMPING CAPACITY REQUIRED 3 LITRES PER SECOND
- ELECTRICAL SUPPLY TO BE AVAILABLE
- PUMP STATION TO HAVE AN ALARM FITTED
- CHAMBER PROPOSED AT 1200mm CHAMBER COVERING IN VEHICLE AREA

CLASS 2 BYPASS PETROL INTERCEPTOR / SEPARATOR
Kingspan type NSBP004 or similar approved
CL: 24.40
IL 3000 (IN): 22.22
IL 3000 (OUT): 22.22

ACO CHANNEL DRAIN
TYPE S100-010, D400

ACO CHANNEL DRAIN
TYPE S100-010, D400

EX MH2 to be diverted
CL:25.78 (TBC)
IL:24.26 (TBC)
Diversion works to be performed prior to site works, to be agreed separately.

NOTES

- 1) All dimensions are in metres unless stated otherwise
- 2) All work is carried out in accordance with the Specification for Highway Works and The Local Authority standards
- 3) Underground Services are present in the area. The Contractor is to confirm the precise line and depth of any services prior to the commencement of any excavation works
- 4) This drawing is to be read in conjunction with all relevant specialist details and specification construction details for the used materials can be found on the relevant drawings
- 5) Any Surface Water runoff from within the site, beyond the extent of the publicly maintainable highway, will be retained within the site and not discharged onto the highway.

KEY

- Private surface water
- Private surface water to be removed
- Proposed Private Surface water
- Proposed ACO Channel
- Proposed Private Foul water
- Adoptable Surface water
- Adoptable Foul water
- Site Boundary
- Rising Main
- Storage Tank
- RG
- Gully
- RWP
- Manhole
- Pumped Manhole
- Rodding eye

REVISIONS

REV	DESCRIPTION	DATE	BY
P01	For approval	01/06/26	AF

SCP
Transportation Planning : Infrastructure Design
27 Duke Street, Chelmsford, Essex, CM1 1HT, Tel 020 337 66060,
www.scptransport.co.uk, Email info@scptransport.co.uk



Project Title:
Lidl, Irlam Drive, Kirkby

Drawing Title:
Proposed Drainage Strategy Plan

Date:	01.06.2026	Drawn By:	AF
Scale:	1:200 @ A1	Checked:	JC
Status:	For Approval	Approved:	TW

Drawing No:	SCP-250134-0501	Rev:	P01
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Scale 1:200 @ A1 - 1:400 @ A3
4m 0 4m 8m 12m 16m 20m

