The CCTV Survey indicates the car park drainage currently drains North into the public sewer located within the existing highway.Existing nursery car park assumed to be retained as existing. Any remedial works subject to receipt of further CCTV survey.

Swale base level 131.860

Potential Swale Location
280mm deep
300mm width base
850mm width slopes at 1:3
500mm offset from top of 1:3 banks

1:80 >>>

S01
1200 Ø
CL 131.879
IL 130.606

375Ø @ 1:235 >

S02
1200 Ø
CL 131.599
IL 130.507 (300Ø)
IL 130.432 (375Ø)

375Ø @ 1:46.3 >

S03
1200 Ø
Fitted with a non-return valve.
CL 130.889
IL 129.450 (375Ø)
IL 129.450 (450Ø)

S05
1500 Ø
CL 132.392
IL 130.830 BD (150Ø)
IL 129.330 (450Ø)

< 450Ø @ 1:317

Swale base level: 132.700

S04
1200 Ø
CL 133.001
IL 131.838

150 Ø @ 1:38.5 >

S06
1200 Ø
CL 133.424
IL 132.466

F01
1200 Ø
CL 133.407
IL 132.607

Class 1 Bypass oil separator
SPEL 212 C1/SC
or similar approved.
CL 132.484
IL (IN) 128.874
IL (OUT) 128.824
Oil separator to serve circa. 6000 m²
NB. Separator size based on area served, a different unit may be required based on the inlet and outlet pipe diameter.

Potential stub for drainage of clouded area, if infiltration unsuitable

F07
1200 Ø
CL 133.450
IL 132.600

150 Ø @ 1:150 >

225 Ø @ 1:20 >

F02
1200 Ø
CL 133.356
IL 132.322

F03
1200 Ø
CL 132.813
IL 132.281

S11
1200 Ø
CL 130.487
IL 132.308

< 150 Ø @ 1:167

< 150 Ø @ 1:150

Foul stubs indicative - TBC upon receipt of internal floor plan

S09
1200 Ø
CL 133.450
IL 132.625

F04
1200 Ø
CL 133.234
IL 132.222

Foul connection to serve sprinkler tank compound

S07
CL 132.697
IL 128.303

Clouded area assumed to drain via infiltration. Confirmation subject to receipt of infiltration resting results

F08
1200 Ø
CL 133.450
IL 132.455

< 225Ø @ 1:167

F05
1200 Ø
CL 133.280
IL 132.114

< 150 Ø @ 1:150

< 3 No. 2100Ø @ 1:500

Tubosider Attenuation Tank
All characteristics below are approximate and TBC at detailed design:
Volume: 953 m³
Tank Diameter: 2.1m
Tank Length: 90m
Number of legs: 3

S10
1200 Ø
CL 133.450
IL 132.473

300Ø @ 1:15 >

F06
1200 Ø
CL 133.271
IL 131.700

S12
1200 Ø
CL 134.443
IL 132.346

F09
1200 Ø
CL 134.133
IL 132.220

F10
1200 Ø
CL 134.447
IL 132.086

Gravity RWP locations indicative - TBC upon receipt of roof design by others

225Ø @ 1:167

150 Ø @ 1:150 >

< 150 Ø @ 1:111.7

S13
1200 Ø
CL 133.611
IL 132.204 (225Ø)
IL 132.129 (300Ø)

150 Ø @ 1:150 >

300Ø @ 1:30 >

F11
1200 Ø
CL 133.303
IL 131.809

150 Ø @ 1:30 >

F012
1200 Ø
CL 132.489
IL 131.231

150 Ø @ 1:10 >

300Ø @ 1:19 >

225Ø @ 1:117.7

S08
CL 132.101
IL 128.117

MH56
CL 128.650
IL 126.830

Existing drainage to tennis courts area assumed to be retained as existing. Any remedial works subject to receipt of further CCTV survey.

S14
Vortex flow control chamber to limit flow to 49.9 l/s
CL 131.239
IL 128.083

Stub to accommodate flows from existing tennis courts

Existing combined drain retained as surface water and foul water outfall subject to repair of structural defects identified within CCTV survey

Existing off-site connection to public sewer retained as existing

300 CWS >>>

300 CWS >>>

EASTLANDS

Notes

1. Do not scale this drawing. All dimensions must be checked/ verified on site. If in doubt ask.
2. This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.
3. All dimensions in millimetres unless noted otherwise. All levels in metres unless noted otherwise.
4. Any discrepancies noted on site are to be reported to the engineer immediately.

Legend

- Combined Sewer
- Foul Water Drainage
- Kerb Drain
- Linear Channel Drain
- SU - Linear Drain Sump Unit
- G - Gully
- RWP - Rain Water Pipe
- RWP(RA) - Rainwater pipe with roddable access point
- Surface Water Drainage
- Catchpit
- Class 1 Bypass Oil Separator & vent pipe
- Swale
- Development Boundary

Important CDM / H&S note

The Designers would draw the readers attention to the key residual health and safety risks that have not been eliminated from the designs shown on this drawing by the design process. These key residual risks are identified below:

- Existing Drainage and Service Infrastructure not to be compromised
- Care to be taken around deep excavations. Plant to be kept at safe distance
- Moving plant. Care to be taken around site
- Care to be taken in vicinity of existing high voltage below and above ground electric cables. REFER TO UTILITIES SURVEYS FOR DETAILS

Any construction personnel including operatives intending to construct the designs shown on this drawing should ensure that they have been regularly and thoroughly briefed by the principal Contractor on all health and safety matters and have had sight of:

1 - The full Designers and Contractors risk assessments and risk registers.
2 - The developed construction health and safety plan.
3 - The Contractors construction method statements.

Hazards that are obvious to a competent Contractor are not shown, as are every day and low risk hazards.

Rev	Date	Details of issue / revision	Drw	Rev
P03	15.06.24	Connection to Forest school added	HTB	HTB
P02	12.06.24	Updated to suit latest masterplan	RP	KMJ
P01	22.03.24	For Information	HW	KMJ

Issues & Revisions

BWB
A CAF GROUP COMPANY
Birmingham | 0121 233 3322
Leeds | 0113 233 8000
London | 020 7407 3879
Manchester | 0161 233 4260
Nottingham | 0115 924 1100
www.bwbconsulting.com

Client
Kirklees Council

Woodley School and College
Communication • Independence • Achievement

Project Title
Future Woodley School and College

Drawing Title
Proposed Drainage Layout

Drawn:	H.Watts		Reviewed:	K.Jones	
BWB Ref:	22315	Date:	Jan 24	Scale@A1:	1:500

Drawing Status
Preliminary

Project - Originator - Zone - Level - Type - Role - Number	Status	Rev
22315-BWB-XX-XX-D-C-0500	**S1**	**P03**

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