IMPORTANT
HEALTH, SAFETY & ENVIRONMENTAL INFORMATION

PLEASE REFER TO THE DESIGNERS H&S HAZARD RECORD AND HEALTH AND SAFETY RISK ASSESSMENT FOR DETAILED INFORMATION REGARDING HAZARDS AND RISK ASSOCIATED WITH THE PROPOSED WORKS.

IMPORTANT SERVICES WARNING

THE CONTRACTOR IS REQUIRED TO ENSURE THAT THE LOCATIONS OF BELOW GROUND SERVICES ARE ESTABLISHED/ CONFIRMED ON SITE PRIOR TO ANY EXCAVATIONS OR OTHER WORKS WHICH MAY AFFECT THE EXISTING SERVICES.

PRIOR TO ANY WORKS ON SITE, THE CONTRACTOR SHALL REFER TO:
- HSG 47 - AVOIDING DANGER FROM UNDERGROUND SERVICES (BY HSE, 3rd EDITION)
- HSG 185 - HEALTH & SAFETY IN EXCAVATIONS: BE SAFE AND SHORE (BY HSE)
- CONSTRUCTION INFORMATION SHEET (CIS) NO 8 - SAFETY IN EXCAVATIONS (BY HSE)
- GENERAL SERIES (GS) 6 - AVOIDANCE OF DANGER FROM OVERHEAD ELECTRIC LINES (BY HSE, 4th EDITION)

SOFFIT LEVEL OF COMBINED SEWER AT PIPE CROSSING IS 26.276m

INVERT LEVEL OF SURFACE WATER AT PIPE CROSSING IS 27.433m.

CLEARANCE BETWEEN PIPES IS 1.157m

SOFFIT LEVEL OF COMBINED SEWER AT PIPE CROSSING IS 26.287m

INVERT LEVEL OF SURFACE WATER AT PIPE CROSSING IS 27.530m.

CLEARANCE BETWEEN PIPES IS 1.243m

SOFFIT LEVEL OF FOUL SEWER AT PIPE CROSSING IS 26.613m

INVERT LEVEL OF SURFACE WATER AT PIPE CROSSING IS 27.127m.

CLEARANCE BETWEEN PIPES IS 0.514m

PROPOSED NEW PRIVATE INSPECTION CHAMBER

EXISTING 150Ø CONNECTION DIVERTED INTO COMBINED SEWER

EXISTING 100Ø CONNECTION DIVERTED INTO COMBINED SEWER

CONNECTION TO EXISTING UU SEWER SUBJECT TO A S106 AGREEMENT

EXISTING UU MH
CL: 28.210
IL: 26.015 (225Ø)
IL:25.190 (105Ø)

EXISTING UNITED UTILITIES COMBINED SEWER BRICK 1000Ø

RODDING EYE

RODDING EYE

FFL
29.300

S10 CLASS 2 BYPASS PETROL INCEPTOR / SEPARATOR
Kingspan type NSBP004 or similar approved
CL:29.050
IL:27.019 (INLET)
IL: 26.919 (OUTLET)

PROPOSED ON-SITE SOAKAWAY FEATURE
ATTENUATION CRATE TO BE SDS SYSTEM
13m x 9.75m
297m³ VOLUME
CL: 29.000
TOP OF TANK: 27.840
IL OF TANK: 26.950

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NOTES

1. SETTING OUT SHALL BE UNDERTAKEN USING ONLY THE INFORMATION GIVEN. DISTANCES SHOULD NOT BE SCALED FROM THIS DRAWING.
2. ALL SEWERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION GUIDANCE AND WHERE APPLICABLE UNITED UTILITIES DETAILS
3. THE MINIMUM GRAVITY PIPE DIAMETER UNDER ADOPTABLE HIGHWAYS SHALL BE 150mm
4. 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
5. THE OUTSIDES OF ALL SEWERS SHALL BE A MINIMUM OF 1.0m FROM KERB LINES AND THE OUTSIDE OF MANHOLES SHALL BE A MINIMUM OF 0.5m FROM KERB LINES
6. EXISTING FLOWS IN WATERCOURSES, SEWERS AND LAND DRAINS SHALL BE MAINTAINED AT ALL TIMES
7. ONLY TRAINED PERSONNEL SHALL BE PERMITTED TO ENTER CONFINED SPACES
8. 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
9. 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.
10. 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.
11. A CLASS S 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.
12. SLAB LEVELS SHALL NOT BE VARIED WITHOUT REFERENCE TO THE ENGINEER FOR GUIDANCE
13. 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

14. ALL GULLY CONNECTIONS TO BE 150mm VITRIFIED CLAY UNLESS NOTED OTHERWISE
15. 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 ENCASEMENT) IS TO BE USED.

16. THIS DRAWING HAS BEEN BASED UPON TOPO /UTILITY/OS SURVEY INFORMATION SUPPLIED BY A THIRD PARTIES AND SCP SHALL NOT BE LIABLE FOR ANY INACCURACY OR DEFICIENCIES ARISING FROM IT.
17. GULLY INDICATIVELY LOCATED TO TIE INTO ARCHITECTS PROPOSED LEVELS AND GRADIENTS PLAN
18. CONNECTION INTO EXISTING UNITED UTILITIES COMBINED SEWER SUBJECT TO A S106 AGREEMENT
19. INFILTRATION TANK / SOAKAWAY TO BE AS PER SDS GEOLIGHT SPECIFICATION
20. INTERNAL DRAINAGE LAYOUT TO BE AS PER WITH LIDL SPECIFICATION DRAWING 'INTERNAL DRAINAGE LAYOUT' DRAWING REFERENCE 'LD (13)-DL-01'

REVISIONS

REV	DESCRIPTION	DATE	BY
A	FIRST ISSUE	18.12.24	LC
B	DRAINAGE LAYOUT UPDATED TO DISCHARGE VIA INFILTRATION AND SUIT UU COMMENTS REGARDING DRAINAGE RUNS	07.07.25	LC
C	FW DRAINAGE DESIGN UPDATED TO ALIGN WITH LIDL INTERNAL DRAINAGE LAYOUT SPECIFICATION	08.08.25	LC

KEY

- PROPOSED COMBINED WATER SEWER SUBJECT TO S185 AGREEMENT
- EXISTING UNITED UTILITIES COMBINED WATER SEWER
- PROPOSED PRIVATE SURFACE WATER SEWER AND MANHOLE
- PROPOSED PRIVATE FOUL WATER SEWER AND MANHOLE
- PROPOSED INTERNAL DRAINAGE LAYOUT (SEE NOTE 20)
- PROPOSED PRIVATE COMBINED SEWER AND MANHOLE
- CONCRETE ENCASEMENT
- PROPOSED PRIVATE ATTENUATION TANK - SOAKAWAY
- CLASS 2 BY-PASS PETROL / OIL INTERCEPTOR
- RWP — RAIN WATER PIPE
- PROPOSED PCC GULLY POT AND 150Ø GULLY LEAD
- DRAINAGE CHANNEL
- S185 SEWER EASEMENT
- DEVELOPMENT SITE BOUNDARY

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Client Name: LIDL

Project Title: LIDL CHORLTON, DETAILED DRAINAGE DESIGN

Drawing Title: INTERNAL DRAINAGE LAYOUT

Date:	18.12.2024	Drawn By:	LC
Scale:	1:250 @ A1	Checked:	IA
Status:	DESIGN	Approved:	TM

Drawing No. SCP-240435-S185-0500-100 Rev. C