Manhole Number	Cover Level	Connections	Pipe				Manhole Size	Types		Manhole Cover Size
Coordinates	Depth To Soffit		Code	Inverts	Diams			Manhole	Cover	Hole In Cover Slab Size
F1	29.300									600x450
E. 382556.763	1.470						450	D	C250	300x300
N. 393247.036			0 1.000	27.680	150					
F2	29.300		1 1.000	27.150	150					600x450
E. 382544.050	2.000						450	D	C250	300x300
N. 393229.941			0 1.001	27.150	150					
F3	29.300		1 1.001	26.976	150					600x450
E. 382535.763	2.174						450	D	C250	300x300
N. 393218.815			0 1.002	26.976	150					
F4	29.300		1 1.002	26.708	150					600x600
E. 382522.653	2.442						600	D	C250	750x600
N. 393201.890			0 1.003	26.633	225					
F5	28.300		1 1.003	26.408	225					600x600
E. 382495.545	1.667						1200	B	D400	750x600
N. 393221.984			0 1.004	26.408	225					
F6	28.400		1 1.004	26.362	225					600x600
E. 382490.591	1.813						1200	B	D400	750x600
N. 393217.158			0 1.005	26.362	225					
EXISTING UU MANHOLE	28.210		1 EXISTING (S185)	25.190	1050					600x600
E. 382483.090	1.970		2 1.005	26.015	225		EXISTING	EXISTING	D400	750x600
N. 393217.303			0 EXISTING	25.190	1050					

ROCKER PIPES	
NOMINAL DIAMETER (mm)	EFFECTIVE LENGTH (m)
150-600	0.600
601-750	1.000
OVER 750	1.250

AS PER 'TABLE E13' IN THE DESIGN AND CONSTRUCTION GUIDANCE

ALL LATERAL CONNECTIONS INTO ADOPTABLE MANHOLES WILL BE MADE AT SOFFIT LEVEL TO THE MAIN CHANNEL

ALL MANHOLE BENCHING TO BE TO THE DESIGN AND CONSTRUCTION GUIDANCE WITH MIN 450mm FROM EDGE OF STEPPING WITH AN ADDITIONAL MIN 225mm OPPOSITE SIDE OF PIPE

ROCKER PIPES TO BE INSTALLED TO ALL MANHOLES AS PER DESIGN AND CONSTRUCTION GUIDANCE REQUIREMENTS, '*SECTION E6.6 - RIGID PIPES AND JOINTS ADJACENT TO STRUCTURES*' AND *'TABLE 'E13'*

ANY MANHOLES WITH THE DEPTH TO SOFFIT OF 3m OR GREATER AND/OR IF SHALLOW MANHOLES DEPTH TO CUT OUT RECESS OVER 3m THAN A LADDER ACCESS IS REQUIRED INSTEAD OF DOUBLE STEPS

FOR MANHOLES WITH LADDER ACCESS; SEATING RINGS TO BE TURNED 180° TO ENSURE 600x600 ACCESS IS MAINTAINED WITH THE INCLUSION OF A LADDER

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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/IOS SURVEY INFORMATION SUPPLIED BY A THIRD PARTIES AND SCP SHALL NOT BE LIABLE FOR ANY INACCURACY OR DEFICIENCIES ARISING FROM IT.

REVISIONS

REV	DESCRIPTION	DATE	BY
A	FIRST ISSUE	18.12.24	SK
B	UPDATED TO SUIT NEW DRAINAGE DESIGN	07.07.25	LC
C	UPDATED TO SUIT LATEST DRAINAGE DESIGN	08.08.25	SK

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Project Title: LIDL CHORLTON, S185 SEWER DIVERSION

Drawing Title: FOUL WATER MANHOLE SCHEDULES SHEET 2 OF 2

Date:	Drawn By:
18.12.2024	SK
Scale: NOT TO SCALE @ A1	Checked: IA
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