

MANHOLE SCHEDULE

Sheet 1 of 1

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		0	1.000	27.365	150	450	D	C250
E. 382529.744	1.785								
N. 393269.880									
F2	28.800		0	1.001	26.880	150	450	D	C250
E. 382518.014	1.770								
N. 393254.428									
F3	28.365		0	1.002	26.400	150	450	D	C250
E. 382495.070	1.815								
N. 393223.499									
C13	28.210		0	1.012 (SW) 1.002 (FW)	26.239	225	1200	B	D400
E. 382487.863	1.740								
N. 393214.253									
F5	29.300		0	2.000	27.500	150	450	D	C250
E. 382544.860	1.650								
N. 393231.325									
F6	29.300		0	2.001	27.094	150	450	D	C250
E. 382535.194	2.056								
N. 393218.285									
F7	29.300		0	2.002	26.843	150	450	D	C250
E. 382522.984	2.307								
N. 393202.322									

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

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.
- 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.
- EXISTING FLOWS IN WATERCOURSES, SEWERS AND LAND DRAINS SHALL BE MAINTAINED AT ALL TIMES.
- ONLY TRAINED PERSONNEL SHALL BE PERMITTED TO ENTER CONFINED SPACES.
- 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 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.
- SLAB LEVELS SHALL NOT BE VARIED WITHOUT REFERENCE TO THE ENGINEER FOR GUIDANCE.
- 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 CLAY 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 ENCASEMENT) IS TO BE USED.

- 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.

REVISIONS

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LIDL

Project Title:

LIDL CHORLTON,
S185 SEWER DIVERSION

Drawing Title:

FOUL WATER MANHOLE SCHEDULES
SHEET 2 OF 2

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