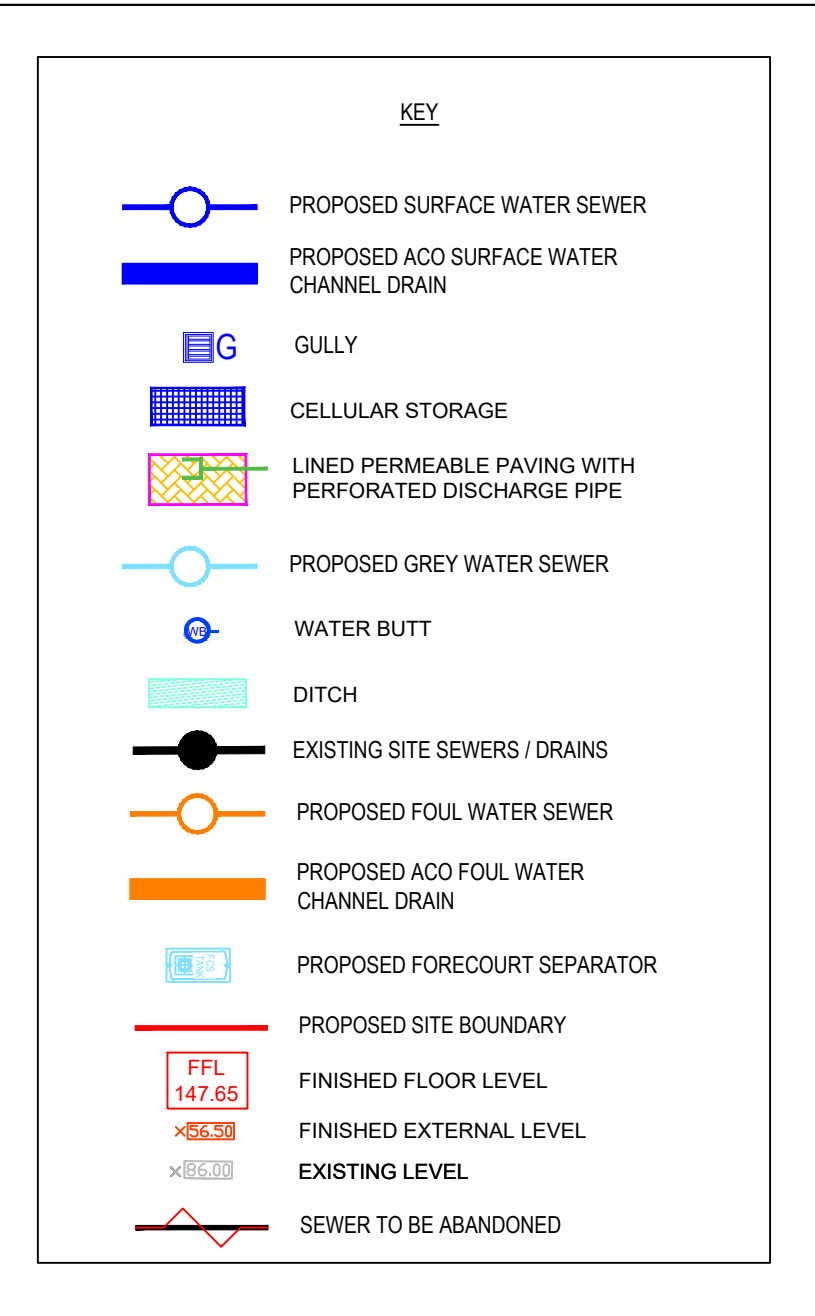




SW Network 2 Manhole Schedule

MH	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Link	IL (m)	Dia (mm)
S9	447683.180	311067.640	191.850	1.300	1200	2.000	190.550	150
S7	447641.190	311098.800	192.000	1.350	650	1.000	190.650	150
S8	447667.910	311084.040	191.700	1.430	1200	1.001	190.270	150
S10	447674.630	311084.260	191.700	1.670	1200	2.000	190.180	150
S11	447672.460	311122.060	191.650	1.350	1000	1.002	190.030	300
S12	447689.890	311112.700	191.700	2.240	1200	3.000	189.610	150
Ex-SMh-8	447708.490	311104.090	191.600	2.100	1200	1.002	189.460	300
Ex-SMh-9	447704.630	311140.670	191.200	2.190	1200	1.003	189.010	300
S13	447691.260	311157.910	191.550	2.050	1000	1.004	189.010	300
Ex-SMh-10	447722.450	311146.950	190.150	1.650	1200	5.000	189.500	225
Ex-SMh-11	447762.080	311138.070	189.400	2.340	1200	6.000	188.575	225
S14	447720.450	311046.310	190.850	2.250	1200	1.004	188.500	300
S15	447743.720	311059.900	190.450	2.180	1200	1.005	188.500	300
S16	447756.300	311082.510	189.800	1.820	1200	1.006	187.160	300
Ex-SMh-12	447767.920	311096.160	189.620	1.900	1200	1.008	187.060	400
S17	447741.020	311100.320	190.570	2.370	1200	6.002	187.720	300
Ex-SMh-13	447783.360	311114.490	189.450	2.080	1200	6.003	187.640	150
S18 FCC	447773.890	311135.780	189.000	2.100	1200	6.004	187.390	400
GW1	447713.530	311093.760	191.700	1.700	1000	6.004	186.900	400
GW2	447739.040	311078.810	190.700	2.200	1000	1.007	186.900	300
Ext-Outfall-02	447776.360	311137.160	189.000	2.135	1200	7.000	186.865	300

SW Network 1 Manhole Schedule

MH	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Link	IL (m)	Dia (mm)
Ex-SMh-1	447620.300	311093.760	192.770	2.020	650	1.000	190.750	150
Ex-SMh-2	447629.900	311106.180	192.080	1.510	650	1.000	190.570	150
Ex-SMh-3	447618.530	311122.330	191.760	1.290	650	1.001	190.570	150
Ex-SMh-4	447628.910	311121.960	191.630	1.410	1000	2.000	190.295	150
Ex-SMh-5	447648.580	311125.430	191.670	1.350	650	1.001	190.295	150
Ex-SMh-6	447635.420	311130.970	191.260	1.230	1200	1.002	190.220	225
S1	447622.280	311173.660	190.570	1.070	1000	3.000	190.320	150
S2	447653.410	311163.660	190.610	1.410	1000	1.002	190.180	150
S3	447625.180	311204.340	190.780	1.380	1000	1.003	190.105	225
S4	447655.730	311187.920	190.750	1.697	1000	1.004	190.030	300
S5	447639.580	311214.160	190.650	1.350	650	4.000	189.500	225
S6	447662.790	311201.650	190.670	1.846	1000	4.000	189.275	225
Ex-SMh-7 FCC	447671.070	311196.970	190.670	2.098	1200	1.003	189.260	300
Outfall	447673.990	311201.740	190.250	1.772	600	1.004	189.200	300

NOTE
Design is based on information provided by the client, including site topographical survey and FFL that has been set on site.
Scheme is subject to obtaining S106 connection approval from the public Sewerage Undertaker.

Care to be taken while constructing the highway and drainage, not to damage any existing boundary/retaining wall. Wall will need to be assessed prior to any construction works.

GENERAL NOTES

- THIS DRAWING IS COPYRIGHT AND SHOULD NOT BE REPRODUCED IN WHOLE OR PART WITHOUT THE WRITTEN CONSENT OF ISTRUCT LTD.
- DO NOT SCALE FROM THIS DRAWING.
- ALL DIMENSIONS TO BE CHECKED ON SITE AND CO-ORDINATE WITH RELEVANT ARCHITECT'S DRAWINGS. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER PRIOR TO CONSTRUCTION.
- ALL DIMENSIONS IN METERS UNLESS NOTED OTHERWISE.
- ALL LEVELS IN METERS.
- SIZES HEREON SHALL NOT BE MODIFIED WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS DRAWINGS & SPECIFICATIONS.

NOTES:

- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS AND ARCHITECT'S DETAILS.
- ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT BRITISH STANDARDS, BUILDING REGULATIONS AND DESIGN AND CONSTRUCTION GUIDANCE (DCG) OF THE CODES FOR ADOPTION (CAI).
- THE EXACT POSITION, LEVEL, SIZE AND USE OF EXISTING SEWERS TO BE CONFIRMED ON SITE. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER PRIOR TO COMMENCEMENT OF WORKS.
- ALL UNCOVERED AND SHALLOW PIPEWORK TO BE PROTECTED AGAINST CONSTRUCTION TRAFFIC AS PART OF THE CONTRACTORS TEMPORARY WORKS REQUIREMENTS. COVER LEVELS SHOWN ARE APPROXIMATE ONLY. SUBJECT TO THE ARCHITECT'S EXTERNAL WORKS AND LANDSCAPING SCHEME.
- ALL CONNECTIONS TO ROAD GULLIES AND CHANNELS SHALL BE 150MM NOMINAL BORE PIPEWORK. CONNECTIONS TO RWPS TO BE 100MM NOMINAL BORE PIPEWORK SUBJECT TO CONFIRMATION OF RWPS SIZES AND/OR DESIGN FLOW. NO PIPE WORK TO BE DOWN SIZED IN THE DIRECTION OF FLOW. CONNECTIONS TO FOUL TERMINAL FITTINGS TO BE 100MM NOMINAL BORE PIPEWORK SUBJECT TO CONFIRMATION OF ABOVE GROUND PIPE DIAMETERS AND/OR DESIGN FLOW. NO PIPE WORK TO BE DOWN SIZED IN THE DIRECTION OF FLOW.
- PIPES CONNECTING TO ADOPTED MANHOLES UP TO AND INCLUDING 300MM DIA. TO BE VITRIFIED CLAY OR PLASTIC (PVC-U).
- PLASTIC (PVC-U) PIPES REQUIRE ADEQUATE GRANULAR BEDDING AND PIPE SURROUND FOR SUPPORT.
- ALL PIPES CONNECTING TO ADOPTED MANHOLES GREATER THAN 300MM DIA. TO BE CONCRETE.
- ALL PIPEWORK ENTERING AND EXITING MANHOLES TO BE CONNECTED WITH PIPE SOFFITS LEVEL.
- PRE-FORMED CHANNELS TO BE USED AT ALL MANHOLES.
- HIGH STRENGTH CONCRETE BRANCHING TO BE STEEL TROWELLED TO A DENSE SMOOTH FACE NEATLY SHAPED AND FINISHED TO ALL BRANCH CONNECTIONS AND LAID IN ACCORDANCE WITH THE SPECIFICATION.
- PIPE BENDS TO BE PROVIDED TO SUIT DIRECTION OF FLOW.
- ALL MANHOLE COVERS AND FRAMES TO BE DUCTILE IRON HEAVY DUTY GRADE D400 DOUBLE TRIANGULAR TO BS EN 124 UNLESS OTHERWISE NOTED. COVERS TO BE LABELLED 'FW' AND 'SW' AS APPROPRIATE.
- GULLY TOPS AND MANHOLE COVERS TO BE PROVIDED IN ACCORDANCE WITH BS EN 124.
- ALL MANHOLE COVERS LOCATED INTERNALLY, TO BE RECESSED, DOUBLE SEAL, AIRTIGHT TYPE, ALUMINIUM OR STEEL. RECESS DEPTH TO ARCHITECT'S REQUIREMENTS TO SUIT FINISHES ETC.
- ALL NEW DRAINAGE TO BE CONSTRUCTED ADJACENT NEW AND PROPOSED TREE PLANTING TO BE PROTECTED AGAINST ROOT ACTIVITY USING ROOTCONTROL. ROOT BARRIER MATERIAL BY GREEN-TECH. ALL IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
- FIRST FLEXIBLE JOINT IN PIPES ADJACENT TO A MANHOLE SHALL BE 600MM MAX. FROM INSIDE FACE OF MANHOLE. CONNECTING TO ROCKER PIPE. FOR PIPE DIAMETERS 150MM - 450MM THE ROCKER PIPE LENGTH SHALL BE 500MM - 750MM AND FOR PIPE DIAMETERS 450MM - 675MM THE ROCKER PIPE LENGTH SHALL BE 750MM - 1000MM.
- MANHOLES WITH OUTGOING PIPES GREATER THAN 600MM DIA. SHALL BE FITTED WITH GUARD BARS, SAFETY CHAINS OR OTHER APPROVED SAFETY DEVICES.
- WHERE THE FORMATION OF A PIPE TRENCH IS ABOVE ORIGINAL GROUND LEVEL, LEVELS ARE TO BE MADE UP WITH COMPACTED DTP TYPE 2 MATERIAL OR BETTER.
- ALL PRIVATE DRIVES WHICH FALL TOWARDS A PUBLIC HIGHWAY AND EXCEED TWO PARKING BAYS IN AREA ARE TO BE PROVIDED WITH A SUITABLE GULLY OR DRAINAGE CHANNEL TO PREVENT WATER DISCHARGING ONTO THE HIGHWAY.
- ALL BURIED CONCRETE MUST CATER FOR CLASS 2 SULPHATES CONDITIONS IN ACCORDANCE WITH TABLE 1 OF BRE DIGEST 363.
- CONCRETE PROTECTION SHALL BE PROVIDED TO ALL PIPES WITH LESS THAN 300MM COVER IN PEDESTRIAN AREAS, TO ALL PIPES WITH LESS THAN 600MM COVER IN PRIVATE DRIVEWAYS NOT USED BY COMMERCIAL VEHICLES, AND TO ALL PIPES WITH LESS THAN 1200MM COVER IN ROADS OR PRIVATE DRIVEWAYS USED BY COMMERCIAL VEHICLES. WHERE CONCRETE SURROUND IS SPECIFIED FLEXIBILITY OF JOINTS IS TO BE MAINTAINED BY USING COMPRESSIBLE BITUMEN IMPREGNATED FIBREBOARD AT EACH POINT.

Revisions

Rev.	Amendments	Date	By
P01	INITIAL ISSUE - LAYOUT 251141-SK02	13.04.26	RL

Client:

Project: MARKFIELD SERVICES
LEICESTERSHIRE, LE67 9PP

Title: DRAINAGE STRATEGY PLAN

Status: PRELIMINARY **Drawn By:** RDL **Date:** 13.04.2026 **Scale:** 1:400

Drawing No.: 26008-IST-KV-DR-C-0500 **Rev:** P01

At original size A1