

Safety, Health & Environmental Information:

In addition to the hazards and risks normally associated with the types of work detailed on this drawing, please note the significant hazards identified by symbols below,

 INDICATES A RESIDUAL RISK AS A WARNING

 INDICATES A RESIDUAL RISK FOR INFORMATION

and described below:

Construction/Maintenance/Cleaning/Demolition
Refer to Drawing:

General Notes:

- Do not scale from this drawing.
- All dimensions are in meters (m), all levels in metres (m) unless noted otherwise.
- Discrepancies or omissions are to be reported to the Engineer prior to work commencing.
- Materials and workmanship are to comply in all respects with current British Standard Specifications, Codes of Practice, and Building Regulations Approved Documents.
- The copyright of this drawing is vested in the Engineer and must not be copied or reproduced without written consent.
- The Contractor is to check and verify all building and site dimensions, levels and sewer invert levels at connection points before work commences.
- This drawing is to be read in conjunction with all relevant specifications and drawings issued by the Engineer, Architect and other Specialists.
- Details and locations of existing services are based on the Topographical Survey and Utility Records received from Third Parties and Service Providers respectively, and should be considered indicative and approximate only. The existing services shown on Series 2700 drawings may not be exhaustive. The Contractor shall use Trial Pits and other approved methods to accurately locate and verify the positions and depths of all existing services before commencement of works on site.

Notes:

- For Stormwater Drainage refer to drawing KIRK-BML-XX-XX-DR-C-0501
- For Stormwater Drainage Details refer to drawing KIRK-BML-XX-XX-DR-C-0510 to 0514
- All proposed manhole covers to be 675mm x 675mm

Stormwater Chamber Schedule									
Manhole Name	Type	Cover Level	MH Depth (m)	Invert Level	Cover Loading Class	Manhole Diam., L*W (m)	X Eastings	Y Northings	Remark
S00	DCG Type D Chamber	41.490	1.050	40.440	C250	0.6	343558.306	397170.741	PPIC Inspection chamber, Provide a 450mmx450mm Glass Reinforced Polymer (GRP) access cover
S01	DCG Type D Chamber	41.400	1.158	40.242	C250	0.6	343587.587	397165.818	PPIC Inspection chamber, Provide a 450mmx450mm Glass Reinforced Polymer (GRP) access cover
S02	DCG Type D Chamber	41.350	1.204	40.146	C250	0.6	343593.014	397161.833	PPIC Inspection chamber, Provide a 450mmx450mm Glass Reinforced Polymer (GRP) access cover
S03	DCG Type D Chamber	41.390	1.344	40.046	B125	0.6	343590.254	397146.840	PPIC Inspection chamber, Provide a 450mmx450mm Glass Reinforced Polymer (GRP) access cover
S03a	DCG Type D Chambe	41.623	1.679	39.944	C250	0.6	343602.500	397128.655	PPIC Inspection chamber, Provide a 450mmx450mm Glass Reinforced Polymer (GRP) access cover
S03b	RE	41.790	0.600	41.190	N/A	N/A	343606.543	397131.378	Rodding Eye, Glass Reinforced Polymer Access Cover
S04	Catch pit	41.565	1.690	39.875	B125	0.6	343610.802	397116.324	PPIC Inspection chamber, Provide a 450mmx450mm Glass Reinforced Polymer (GRP) access cover
S06	RE	41.570	0.600	40.970	N/A	N/A	343611.269	397115.653	Rodding Eye, Glass Reinforced Polymer Access Cover
CATCHPIT S07	Catch pit	41.809	1.200	40.609	C250	0.6	343672.365	397106.647	PPIC Inspection chamber, Provide a 450mmx450mm Glass Reinforced Polymer (GRP) access cover
SFC	Hydro-brake Flow Control Chamber	41.960	2.465	39.495	C250	2.1	343673.914	397108.914	To be provided by Hydro-International or similar approved. Controls flow to 5.0 l/s max for all storm events up to and including the 100-year+40%CC storm event. Provide a 450mmx450mm Glass Reinforced Polymer (GRP) access cover
S08	DCG Type D Chamber	39.658	1.200	38.458	B125	1.2	343720.670	397076.960	PPIC Inspection chamber, Provide a 450mmx450mm Glass Reinforced Polymer (GRP) access cover
S09	Headwall	38.000	0.500	37.500	N/A	N/A	343733.047	397064.474	Althon 225mm Headwall outlet with Non Return Flap Valve
S11	RE	41.516	0.896	40.620	N/A	N/A	343601.275	397148.079	Rodding Eye, Glass Reinforced Polymer Access Cover
CATCHPIT S16	Catch pit	42.230	2.696	39.534	C250	0.6	343675.211	397112.195	PPIC Inspection chamber, Provide a 450mmx450mm Glass Reinforced Polymer (GRP) access cover
S17	RE	41.700	0.975	40.725	N/A	N/A	343619.358	397138.817	Rodding Eye, Glass Reinforced Polymer Access Cover
S18	DCG Type D Chamber	42.250	1.711	40.539	C250	0.6	343648.872	397134.180	PPIC Inspection chamber, Provide a 450mmx450mm Glass Reinforced Polymer (GRP) access cover
S19	DCG Type D Chamber	42.590	2.972	39.618	C250	0.6	343678.064	397129.310	PPIC Inspection chamber, Provide a 450mmx450mm Glass Reinforced Polymer (GRP) access cover
S20	RE	41.670	0.975	40.695	N/A	N/A	343620.160	397144.175	Rodding Eye, Glass Reinforced Polymer Access Cover
S21	DCG Type D Chamber	42.260	1.765	40.495	C250	0.6	343649.764	397139.600	PPIC Inspection chamber, Provide a 450mmx450mm Glass Reinforced Polymer (GRP) access cover
S22	DCG Type D Chamber	42.590	2.944	39.646	C250	0.6	343678.979	397134.793	PPIC Inspection chamber, Provide a 450mmx450mm Glass Reinforced Polymer (GRP) access cover
S23	DCG Type D Chamber	41.360	1.204	40.156	C250	0.6	343600.437	397167.202	PPIC Inspection chamber, Provide a 450mmx450mm Glass Reinforced Polymer (GRP) access cover
S23a	DCG Type D Chamber	41.563	1.485	40.078	B125	0.6	343615.763	397164.680	PPIC Inspection chamber, Provide a 450mmx450mm Glass Reinforced Polymer (GRP) access cover
S23b	RE	41.544	0.600	40.944	N/A	N/A	343614.341	397156.041	Rodding Eye, Glass Reinforced Polymer Access Cover
S24	DCG Type D Chamber	42.270	2.372	39.898	B125	0.6	343651.299	397158.830	PPIC Inspection chamber, Provide a 450mmx450mm Glass Reinforced Polymer (GRP) access cover
S25	DCG Type D Chamber	42.870	3.128	39.742	B125	0.6	343682.102	397153.760	PPIC Inspection chamber, Provide a 450mmx450mm Glass Reinforced Polymer (GRP) access cover
S26	DCG Type D Chamber	42.560	1.060	41.500	C250	0.6	343672.604	397136.458	PPIC Inspection chamber, Provide a 450mmx450mm Glass Reinforced Polymer (GRP) access cover
S27	DCG Type D Chamber	42.330	0.963	41.367	C250	0.6	343652.759	397139.730	PPIC Inspection chamber, Provide a 450mmx450mm Glass Reinforced Polymer (GRP) access cover
S28	DCG Type D Chamber	41.910	0.683	41.227	C250	0.6	343632.099	397143.125	PPIC Inspection chamber, Provide a 450mmx450mm Glass Reinforced Polymer (GRP) access cover
S29	DCG Type D Chamber	41.688	0.688	41.000	C250	0.6	343619.156	397144.914	PPIC Inspection chamber, Provide a 450mmx450mm Glass Reinforced Polymer (GRP) access cover
S30	DCG Type D Chamber	41.730	1.200	40.530	C250	0.6	343614.094	397136.429	PPIC Inspection chamber, Provide a 450mmx450mm Glass Reinforced Polymer (GRP) access cover
CATCHPIT S32	Catch pit	41.679	1.779	39.900	C250	0.6	343611.176	397119.897	PPIC Inspection chamber, Provide a 450mmx450mm Glass Reinforced Polymer (GRP) access cover

P05	DHNS	08.01.2026	Updated to external design review.
P04	DHNS	04/12/2025	Schedules updated
P03	DHNS	06/10/2025	Schedules updated
P02	DHNS	11/06/2025	Schedules updated
P01	DHNS	11/11/2024	Preliminary issue
Rev	By / Chkd	Date	Description

PRELIMINARY DRAWING
This drawing is not to be used for construction

Client



High Voltage
Grid
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BarnsleyMarshall

Project

Battery Energy Storage System,
Kirkby Substation, Coopers Lane,
Liverpool, L33 7TT

Drawing
Stormwater
Chamber Schedule

By	DHNS	Date	08/08/2024
Drawing No.	KIRK-BML-XX-XX-DR-C-0505	Revision	P05
BML Job No.	1126-01	Status	-
Drawing Scale at A1: n:1s			
CAD Filename: Y:\Projects\1126-01-Civils\Projects\Kirkby\DWG\Working\Information\BML-XX-XX-DR-C-0505 Stormwater Manholes & Pipe			