SURFACE WATER MANHOLE SCHEDULE

MANHOLE REFERENCE	SETTING OUT COORDINATES		COVER LEVEL m (ADD)	INCOMING PIPES		OUTGOING PIPES		MANHOLE SIZE	TYPE		NOTES
	EASTING	NORTHING		DIA (mm)	INVERT m (ADD)	DIA (mm)	INVERT m (ADD)		MANHOLE	COVER	
SWMH C1	287185.844	627614.554	302.490	150	300.703	225 225	300.630 300.630	1200	CATCHPIT MANHOLE	C250	
SWMH C2	287145.449	627609.205	302.350	225	300.410	225	300.410	1200	CATCHPIT MANHOLE	C250	
SWMH C3	287111.529	627564.931	302.070	225	300.110	225	300.110	1200	CATCHPIT MANHOLE	C250	
SWMH C4	287099.292	627552.452	301.970	225	300.000	225	300.000	1200	CATCHPIT MANHOLE	C250	
SWMH C5	287062.329	627509.427	301.700	225	299.860	375	299.710	1200	CATCHPIT MANHOLE	C250	
SWMH C6	287029.366	627466.403	301.430	225 375	299.570 299.420	375	299.420	1200	CATCHPIT MANHOLE	C250	
SWMH C7	286996.840	627423.949	301.160	375	299.205	450	299.130	1350	CATCHPIT MANHOLE	C250	
SWMH C8	287023.254	627403.727	301.160	225 450	299.175 298.950	450	298.950	1350	CATCHPIT MANHOLE	C250	
SWMH C9	287049.931	627383.273	301.160	150 450	299.073 298.770	450	298.770	1350	CATCHPIT MANHOLE	C250	
SWMH C10	287082.395	627358.401	301.160	150 450	298.850 298.550	450	298.550	1350	CATCHPIT MANHOLE	C250	
SWMH C11	287105.868	627340.418	301.160	150 450	298.650 298.350	450	298.390	1350	CATCHPIT MANHOLE	C250	
SWMH C12	287129.198	627322.543	301.160	150 450	298.540 298.240	450	298.240	1350	CATCHPIT MANHOLE	C250	
SWMH C13	287151.272	627305.648	301.160	150 450	298.430 298.130	450	298.100	1350	CATCHPIT MANHOLE	C250	
SWMH C14	287167.694	627293.066	301.160	150 450	298.290 297.990	450	297.990	1350	CATCHPIT MANHOLE	C250	
SWMH C15	287067.914	627462.046	301.530	225 225	300.040 300.040	225	300.040	1200	CATCHPIT MANHOLE	C250	
SWMH C16	287075.875	627472.426	301.600	N/A	N/A	225	300.100	1200	CATCHPIT MANHOLE	C250	
SWMH C17	287072.779	627458.319	301.530	225	300.100	225	300.410	1200	CATCHPIT MANHOLE	C250	
SWMH C18	287071.753	627411.755	301.340	N/A	N/A	150	299.840	1200	CATCHPIT MANHOLE	C250	
SWMH C19	287160.823	627318.115	301.240	150	299.740	150	299.740	1200	CATCHPIT MANHOLE	C250	
SWMH C20	287177.237	627305.523	302.070	150	299.740	150	299.740	1200	CATCHPIT MANHOLE	C250	
SWMH C21	287196.682	627270.841	301.160	450 450	297.890 297.890	600	297.740	1500	CATCHPIT MANHOLE	C250	MANHOLE FITTED WITH FLOW CONTROL DEVICE. DESIGN DEPTH 0.5m DESIGN FLOW 40.79l/s HYDROBRAKE MODEL - SHE-0277-4075-0600-4075
SWMH C22	287225.114	627307.951	301.400	225 450	298.215 297.990	450	297.990	1350	CATCHPIT MANHOLE	C250	
SWMH C23	287254.582	627285.757	301.400	450	298.180	450	298.180	1350	CATCHPIT MANHOLE	C250	
SWMH C24	287308.730	627307.086	301.850	300 300	298.820 298.820	450	298.670	1350	CATCHPIT MANHOLE	C250	
SWMH C25	287319.285	627371.545	301.930	300 300	298.760 298.760	300	298.760	1200	CATCHPIT MANHOLE	C250	
SWMH C26	287347.930	627408.250	302.170	300 300	299.010 299.010	300	299.010	1200	CATCHPIT MANHOLE	C250	
SWMH C27	287370.740	627438.022	302.360	300	299.210	300	299.210	1200	CATCHPIT MANHOLE	C250	
SWMH C28	287365.600	627476.837	302.490	300	299.420	300	299.420	1200	CATCHPIT MANHOLE	C250	
SWMH C29	287321.294	627510.782	302.490	300	299.720	300	299.720	1200	CATCHPIT MANHOLE	C250	
SWMH C30	287298.770	627528.038	302.490	225 225	299.945 299.945	300	299.870	1200	CATCHPIT MANHOLE	C250	
SWMH C31	287265.727	627553.353	302.490	225	300.090	225	300.090	1200	CATCHPIT MANHOLE	C250	
SWMH C32	287210.161	627595.924	302.490	225	300.470	225	300.470	1200	CATCHPIT MANHOLE	C250	
SWMH C33	287213.757	627517.912	301.400	150 225	299.135 299.135	225	299.56	1200	CATCHPIT MANHOLE	C250	
SWMH C34	287237.358	627348.717	300.600	N/A	N/A	150	300.100	1200	CATCHPIT MANHOLE	C250	
SWMH C35	287180.814	627343.151	301.400	150 225	299.355 299.260	225	299.260	1200	CATCHPIT MANHOLE	C250	
SWMH C36	287204.415	627373.956	301.600	N/A	N/A	150	300.100	1200	CATCHPIT MANHOLE	C250	
SWMH C37	287158.238	627380.448	301.400	150 225	299.505 299.430	225	299.430	1200	CATCHPIT MANHOLE	C250	
SWMH C38	287151.840	627385.349	301.400	150 225	299.545 299.470	225	299.470	1200	CATCHPIT MANHOLE	C250	
SWMH C39	287175.441	627396.154	301.600	N/A	N/A	150	300.10	1200	CATCHPIT MANHOLE	C250	
SWMH C40	287134.879	627378.344	301.400	150 225	299.655 299.580	225	299.580	1200	CATCHPIT MANHOLE	C250	
SWMH C41	287120.882	627389.068	301.400	150 225	299.745 299.670	225	299.670	1200	CATCHPIT MANHOLE	C250	
SWMH C42	287144.482	627419.873	301.600	N/A	N/A	150	300.100	1200	CATCHPIT MANHOLE	C250	
SWMH C43	287111.331	627396.386	301.600	150 150	299.835 299.835	225	299.760	1200	CATCHPIT MANHOLE	C250	

SURFACE WATER MANHOLE SCHEDULE

MANHOLE REFERENCE	SETTING OUT COORDINATES		COVER LEVEL m (ADD)	INCOMING PIPES		OUTGOING PIPES		MANHOLE SIZE	TYPE		NOTES
	EASTING	NORTHING		DIA (mm)	INVERT m (ADD)	DIA (mm)	INVERT m (ADD)		MANHOLE	COVER	
SWMH C44	287091.511	627411.570	301.400	150	299.890	150	299.890	1200	CATCHPIT MANHOLE	C250	
SWMH C45	287115.111	627442.375	301.600	N/A	N/A	150	300.100	1200	CATCHPIT MANHOLE	C250	
SWMH C46	287276.688	627381.652	301.850	150 300	299.020 298.870	300	298.870	1200	CATCHPIT MANHOLE	C250	
SWMH C47	287263.877	627364.956	301.740	150	300.240	150	300.240	1200	CATCHPIT MANHOLE	C250	
SWMH C48	287245.710	627455.370	301.850	150 300	299.230 299.080	300	299.080	1200	CATCHPIT MANHOLE	C250	
SWMH C49	287232.919	627388.675	301.740	150	300.240	150	300.240	1200	CATCHPIT MANHOLE	C250	
SWMH C50	287214.752	627429.089	301.850	150 300	299.440 299.290	300	299.290	1200	CATCHPIT MANHOLE	C250	
SWMH C51	287201.960	627412.394	301.740	150	300.240	150	300.240	1200	CATCHPIT MANHOLE	C250	
SWMH C52	287183.793	627452.808	301.850	150 300	299.650 299.500	300	299.500	1200	CATCHPIT MANHOLE	C250	
SWMH C53	287171.002	627436.112	301.740	150	300.240	300	300.240	1200	CATCHPIT MANHOLE	C250	
SWMH C54	287152.835	627476.526	301.85	150 300	299.860 299.710	300	299.710	1200	CATCHPIT MANHOLE	C250	
SWMH C55	287140.044	627459.831	301.740	150	300.240	150	300.240	1200	CATCHPIT MANHOLE	C250	
SWMH 56	287121.876	627500.245	301.850	150 150	300.070 300.070	300	299.920	1200	CATCHPIT MANHOLE	C250	
SWMH C57	287109.085	627483.550	301.740	150	300.240	150	300.240	1200	CATCHPIT MANHOLE	C250	
SWMH C58	287090.918	627523.964	301.850	150	300.130	150	300.130	1200	CATCHPIT MANHOLE	C250	
SWMH C59	287078.127	627507.268	301.740	150	300.240	150	300.240	1200	CATCHPIT MANHOLE	C250	
SWMH C60	287235.523	627435.219	301.930	150 300	299.690 299.540	300	299.540	1200	CATCHPIT MANHOLE	C250	
SWMH C61	287213.226	627452.301	301.930	150 300	299.840 299.690	300	299.690	1200	CATCHPIT MANHOLE	C250	
SWMH C62	287187.140	627472.287	301.930	150 300	300.010 299.860	300	299.860	1200	CATCHPIT MANHOLE	C250	
SWMH C63	287163.404	627490.472	301.930	150 300	300.170 300.020	300	300.020	1200	CATCHPIT MANHOLE	C250	
SWMH C64	287135.805	627511.617	301.930	225	300.200	225	300.200	1200	CATCHPIT MANHOLE	C250	
SWMH C65	287146.905	627526.104	302.030	225 225	300.290 300.290	225	300.290	1200	CATCHPIT MANHOLE	C250	
SWMH C66	287119.121	627547.390	302.030	N/A	N/A	225	300.530	1200	CATCHPIT MANHOLE	C250	
SWMH C67	287164.542	627549.125	302.170	150 150	300.590 300.590	225	300.440	1200	CATCHPIT MANHOLE	C250	
SWMH C68	287140.731	627567.366	302.170	N/A	N/A	150	300.440	1200	CATCHPIT MANHOLE	C250	
SWMH C69	287175.836	627593.866	302.260	150	300.530	150	300.530	1200	CATCHPIT MANHOLE	C250	
SWMH C70	287209.398	627538.153	302.260	N/A	N/A	150	300.760	1200	CATCHPIT MANHOLE	C250	
SWMH C71	287320.321	627429.402	302.170	150 150 300	299.980 299.830 299.810	300	299.810	1200	CATCHPIT MANHOLE	C250	
SWMH C72	287349.297	627487.223	302.410	N/A	N/A	150	300.910	1200	CATCHPIT MANHOLE	C250	
SWMH C73	287301.962	627405.465	302.020	N/A	N/A	150	300.520	1200	CATCHPIT MANHOLE	C250	
SWMH C74	287296.507	627447.648	302.170	150 150 225	300.120 300.120 300.045	300	299.970	1200	CATCHPIT MANHOLE	C250	
SWMH C75	287278.148	627423.710	302.020	N/A	N/A	150	300.520	1200	CATCHPIT MANHOLE	C250	
SWMH C76	287305.768	627459.735	302.250	150	300.480	150	300.480	1200	CATCHPIT MANHOLE	C250	
SWMH C77	287264.080	627472.462	302.170	150 225	300.190 300.190	225	300.190	1200	CATCHPIT MANHOLE	C250	
SWMH C78	287240.220	627450.772	302.170	150 225 150	300.425 300.425 300.350	225	300.350	1200	CATCHPIT MANHOLE	C250	
SWMH C79	287214.042	627510.828	302.170	150 150 150	300.595 300.595 300.595	225	300.520	1200	CATCHPIT MANHOLE	C250	
SWMH C80	287191.961	627527.745	302.170	150	300.670	150	300.670	1200	CATCHPIT MANHOLE	C250	
SWMH C81	287225.516	627525.805	302.260	150	300.760	150	300.760	1200	CATCHPIT MANHOLE	C250	
SWMH C82	287251.694	627505.748	302.260	150	300.670	150	300.670	1200	CATCHPIT MANHOLE	C250	
SWMH C83	287237.596	627516.550	302.260	N/A	N/A	150	300.760	1200	CATCHPIT MANHOLE	C250	
SWMH C84	287355.670	627490.302	302.250	N/A	N/A	150	300.750	1200	CATCHPIT MANHOLE	C250	

SURFACE WATER MANHOLE SCHEDULE

MANHOLE REFERENCE	SETTING OUT COORDINATES		COVER LEVEL m (ADD)	INCOMING PIPES		OUTGOING PIPES		MANHOLE SIZE	TYPE		NOTES
	EASTING	NORTHING		DIA (mm)	INVERT m (ADD)	DIA (mm)	INVERT m (ADD)		MANHOLE	COVER	
SWMH C90	287278.014	627930.948	302.330	N/A	N/A	225	300.830	1200	CATCHPIT MANHOLE	C250	
SWMH C91	287189.864	627969.432	302.330	225	300.090	225	300.090	1200	CATCHPIT MANHOLE	C250	
SWMH C92	287167.221	627990.245	302.340	N/A	N/A	150	300.840	1200	CATCHPIT MANHOLE	C250	
SWMH 93	287217.678	627254.755	289.050	225 225	287.550 287.550	600	287.550	1500	B	C250	
SWMH 94	287224.294	627249.686	288.790	225 600	287.625 287.250	600	287.250	1500	B	C250	
SWMH 95	287297.281	627216.932	285.450	600	283.450	600	283.450	1500	B	C250	
SWMH 96	287348.285	627196.793	288.000	225 225	287.000 283.000	600	283.000	1500	A	C250	
SWMH 97	287341.685	627154.275	282.500	600 600	281.500 281.500	600	281.500	1500	B	C250	
SWMH 98	287353.811	627152.658	279.100	600	278.100	600	278.100	1500	B	C250	
SWMH 99	287364.559	627143.483	278.700	600 600	277.700 277.700	600	277.700	1500	B	C250	
SWMH 100	287382.916	627128.681	277.700	225 225	277.175 276.800	600	276.800	1500	B	C250	
SWMH 101	287350.716	627210.991	289.700	150 150	287.765 287.765	225	287.690	1200	B	C250	
SWMH 102	287411.373	627200.043	289.520	150	288.020	150	288.020	1200	B	C250	
SWMH 103	287420.025	627248.271	290.500	150	289.00	150	289.000	1200	B	C250	
SWMH 104	287428.677	627296.499	291.480	150	289.980	150	289.980	1200	B	C250	
SWMH 105	287383.680	627304.571	291.480	150	289.730	150	289.730	1200	B	C250	
SWMH 106	287370.907	627262.143	290.460	150	288.960	150	288.960	1200	B	C250	
SWMH 107	287359.390	627223.982	289.560	150	288.060	150	288.060	1200	B	C250	
SWMH 108	287412.719	627106.585	277.500	600	276.600	600	276.600	1500	B	B125	
SWMH C109	287028.614	627470.734	302.140	225	300.640	225	300.640	1200	CATCHPIT MANHOLE	B125	
SWMH C110	287073.428	627546.723	313.200	225	312.200	225	312.200	1200	CATCHPIT MANHOLE	B125	
SWMH C111	287086.224	627563.359	313.480	225	312.300	225	312.300	1200	CATCHPIT MANHOLE	B125	
SWMH C112	287100.303	627574.280	313.370	225	312.370	225	312.370	1200	CATCHPIT MANHOLE	B125	
SWMH C113	287099.783	627579.334	314.150	225	313.150	225	313.150	1200	CATCHPIT MANHOLE	B125	
SWMH C114	287134.515	627628.428	318.630	225	317.630	225	317.630	1200	CATCHPIT MANHOLE	B125	
SWMH C115	287192.388	627632.727	316.160	225	315.160	225	315.160	1200	CATCHPIT MANHOLE	B125	
SWMH C116	287216.434	627611.263	312.470	225	311.470	225	311.470	1200	CATCHPIT MANHOLE	B125	
SWMH C117	287216.605	627606.676	312.260	225	311.260	225	311.260	1200	CATCHPIT MANHOLE	B125	
SWMH C118	287297.051	627534.361	303.630	225	302.130	225	302.130	1200	CATCHPIT MANHOLE	B125	
SWMH C119	287210.037	627245.634	288.350	225	287.700	225	287.700	1200	CATCHPIT MANHOLE	B125	
SWMH 120	287408.704	627109.879	277.200	600	276.600	600	276.600	1200	B	C250	MANHOLE FITTED WITH FLOW CONTROL DEVICE. DESIGN DEPTH 1.5m DESIGN FLOW 42.3l/s HYDROBRAKE MODEL - SHE-0388-4200-1500-4200
IC 01	287322.585	627372.611	301.950	N/A	N/A	225	301.000	4500 MINIMUM	INSPECTION CHAMBER	B125	WAVIN, OR SIMILAR APPROVED
IC 02	287346.022	627354.655	301.720	225	301.070	225	300.770	4500 MINIMUM	INSPECTION CHAMBER	B125	WAVIN, OR SIMILAR APPROVED
IC 03	287363.980	627307.846	300.120	225	299.170	225	299.170	4500 MINIMUM	INSPECTION CHAMBER	B125	WAVIN, OR SIMILAR APPROVED
IC 04	287355.660	627263.239	298.340	225	297.390	225	297.390	4500 MINIMUM	INSPECTION CHAMBER	B125	WAVIN, OR SIMILAR APPROVED
IC 05	287349.536	627260.544	295.870	225	295.570	225	295.570	4500 MINIMUM	INSPECTION CHAMBER	B125	WAVIN, OR SIMILAR APPROVED
IC 06	287352.724	627247.498	293.960	225	292.610	225	292.610	4500 MINIMUM	INSPECTION CHAMBER	B125	WAVIN, OR SIMILAR APPROVED
IC 07	287346.208	627212.562	289.230	225	288.280	225	288.280	4500 MINIMUM	INSPECTION CHAMBER	B125	WAVIN, OR SIMILAR APPROVED
IC 08	287340.420	627209.172	288.790	225	287.840	225	287.840	4500 MINIMUM	INSPECTION CHAMBER	B125	WAVIN, OR SIMILAR APPROVED
IC 09	287342.811	627197.185	287.400	225	286.450	225	286.450	4500 MINIMUM	INSPECTION CHAMBER	B125	WAVIN, OR SIMILAR APPROVED
IC 10	287337.143	627154.884	282.000	225	281.250	225	281.250	4500 MINIMUM	INSPECTION CHAMBER	B125	WAVIN, OR SIMILAR APPROVED
IC 11	287286.814	627314.608	301.550	225	300.600	225	300.600	4500 MINIMUM	INSPECTION CHAMBER	B125	WAVIN, OR SIMILAR APPROVED
IC 12	287337.689	627275.628	297.970	225	297.020	225	297.020	4500 MINIMUM	INSPECTION CHAMBER	B125	WAVIN, OR SIMILAR APPROVED
IC 13	287228.799	627296.434	301.330	N/A	N/A	225	300.380	4500 MINIMUM	INSPECTION CHAMBER	B125	WAVIN, OR SIMILAR APPROVED
IC 14	287282.276	627255.462	295.890	225	294.940	225	294.940	4500 MINIMUM	INSPECTION CHAMBER	B125	WAVIN, OR SIMILAR APPROVED
IC 15	287343.387	627152.533	281.725	N/A	N/A	225	280.875	4500 MINIMUM	INSPECTION CHAMBER	B125	WAVIN, OR SIMILAR APPROVED
IC 16	287343.980	627125.968	278.753	225	277.803	225	277.803	4500 MINIMUM	INSPECTION CHAMBER	B125	WAVIN, OR SIMILAR APPROVED
IC 17	287349.417	627117.421	278.150	N/A	N/A	225	277.200	4500 MINIMUM	INSPECTION CHAMBER	B125	WAVIN, OR SIMILAR APPROVED
IC 18	287368.537	627117.186	277.180	300	276.155	600	275.855	4500 MINIMUM	INSPECTION CHAMBER	B125	WAVIN, OR SIMILAR APPROVED
HEADWALL 01	287221.780	627247.691	N/A	N/A	N/A	225	287.25	N/A	N/A	N/A	HEADWALL AT END OF CUT-OFF DRAIN
HEADWALL 02	287414.069	627105.551	N/A	600	276.60	N/A	N/A	N/A	N/A	N/A	
HEADWALL 03	287415.642	627093.553	N/A	N/A	N/A	600	275.15	N/A	N/A	N/A	EXISTING HEADWALL ATOUTFALL FROM SITE

FOUL WATER MANHOLE SCHEDULE

MANHOLE REFERENCE	SETTING OUT COORDINATES		COVER LEVEL m (ADD)	INCOMING PIPES		OUTGOING PIPES		MANHOLE SIZE	TYPE		NOTES
	EASTING	NORTHING		DIA (mm)	INVERT m (ADD)	DIA (mm)	INVERT m (ADD)		MANHOLE	COVER	
FWMH1	287233.674	627450.360	301.990	110	300.990	110	300.990	1200	B	C250	
FWMH2	287278.249	627416.209	301.990	110	300.300	110	300.300	1200	B	C250	
FWMH3	287322.824	627382.058	301.990	110	299.610	110	299.610	1200	B	C250	
FWMH4	287338.644	627402.708	302.120	110	299.250	110	299.250	1200	B	C250	
FWMH5	287357.215	627382.294	297.860	110	294.450	110	294.450	1200	A	C250	
FWMH6	287090.545	627357.201	301.180	110	299.680	110	299.680	1200	B	C250	
FWMH7	287064.405	627377.208	301.180	110	299.180	110	299.180	1200	B	C250	
FWMH8	287054.310	627364.032	298.620	110	294.940	110	294.940	1200	A	C250	

FOUL DRAINAGE IS TO BE INSTALLED BY MAIN CIVILS CONTRACTOR, AND IS SUBJECT TO CHANGE, BASED ON FINAL BUILDING ARRANGEMENT.

HEALTH, SAFETY & ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS/RISKS TYPICALLY ASSOCIATED WITH THE WORKS SHOWN ON THESE DRAWINGS - THE FOLLOWING HAZARDS HAVE BEEN IDENTIFIED AS REQUIRING PARTICULAR CONSIDERATION

1. WORKS TO BE CARRIED OUT ADJACENT TO A HIGH VOLTAGE ENVIRONMENT. ALL WORKS TO PROCEED IN ACCORDANCE WITH 'HSG 47' (UNDERGROUND CABLES) & 'GS6' (OVERHEAD LINES) & SCOTTISH POWER ELECTRICAL & MECHANICAL SAFETY RULES HANDBOOK 5th EDITION. TREAT ALL CABLES AS LIVE UNTIL PROVEN OTHERWISE. LOCATION OF THE KNOWN EXISTING SERVICES IS SHOWN FROM EXISTING INFORMATION AND GPR SURVEY RECORDS AND IS THEREFORE INDICATIVE ONLY. CARE IS REQUIRED SINCE UNKNOWN SERVICES MAY EXIST. THE ACTUAL LOCATION OF THE SERVICES SHOULD BE CONFIRMED BY THE CONTRACTOR. PARTICULAR CARE IS REQUIRED WHILE WORKING IN THE SURROUNDING AREA TO THE EXISTING 400kV ZV OHL ROUTE.
2. PARTICULAR CARE IS REQUIRED WHEN WORKING AROUND THE 2 No EXISTING SCOTTISH WATER PIPES RUNNING WITHIN THE FIELD PARALLEL TO B7078. CONTRACTOR TO FOLLOW AND ADHERE TO APPROPRIATE SCOTTISH WATER DOMS PROCEDURES IN PLACE FOR THE SCHEME AT ALL TIMES. LOCATION OF SW ASSETS IS SHOWN BASED ON EXISTING INFORMATION AND GPR SURVEY RECORDS AND IS THEREFORE INDICATIVE ONLY. THE ACTUAL LOCATION OF THE PIPES SHOULD BE CONFIRMED BY THE CONTRACTOR AS PER SCOTTISH WATER REQUIREMENTS (i.e. USE OF SW APPROVED CONTRACTOR).
3. EXCAVATIONS SHOULD BE ADEQUATELY SUPPORTED AND PROTECTED DURING CONSTRUCTION. EXCAVATION MAY BE REQUIRED BENEATH GROUND WATER LEVEL, THE CONTRACTOR SHOULD DEVELOP APPROPRIATE MITIGATION SUCH AS SUMP AND PUMP AS WHEN REQUIRED.
4. STEEP GROUND - CARE TO BE TAKEN WHEN MOVING AND OPERATING MACHINERY. ALL VEHICLES AND MACHINERY TO BE APPROPRIATE FOR THE CONDITIONS.
5. SURFACE WATER SHOULD BE MANAGED AT THE SITE DURING THE EXCAVATION PROCESS EITHER WITH THE INSTALLATION OF THE PERMANENT OR TEMPORARY DRAINAGE SYSTEM TO HELP PREVENT SLIPPAGE IN THE SLOPE AND TO MAXIMISE THE MATERIAL FOR REUSE.
6. CARE SHOULD BE TAKEN TO PREVENT ANY CONTAMINATION OR SILT RUN-OFF FROM ENTERING ANY ADJACENT WATERCOURSES OR DRAINAGE SYSTEMS. 10 m BUFFER SHALL BE LEFT TO EXISTING WATERCOURSES AT ALL TIMES.
7. CARE SHOULD BE TAKEN WHEN WORKING ADJACENT TO EXISTING EQUIPMENT/ STRUCTURES TO PREVENT ANY DE-STABILISATION OF FOUNDATIONS/STRUCTURES BY CONSTRUCTION, EXCAVATION OR EQUIPMENT MOVEMENT
8. LOCATIONS FOR STORAGE OF EXCAVATED MATERIAL TO BE REVIEWED BY CONTRACTOR FOR SLOPE STABILITY AND AGREED WITH THE SPEN CONSTRUCTION MANAGER.

NOTES:

FOR DRAINAGE LAYOUT, REFER DRAWING BT3423-2-1100-DO-AECOEC-1050.
FOR TYPICAL DRAINAGE DETAILS, REFER DRAWINGS BT3423-2-1100-DO-AECOEC-1051 & 1052.
FOR DRAINAGE SPECIFICATION (INCLUDING INFODRAINAGE MODELLING OUTPUT REPORT, REFER DOCUMENT BT3423-2-1100-ST-AECOEC-0007.

Rev.	Date	Drawn	Reviewed	Approved	Reason / Description of changes.
0C	28.02.25	EP	JM	RQ	TENDER DESIGN REISSUE
0B	13.02.25	ER	JM	RQ	TENDER DESIGN REISSUE
0A	20.12.24	ER	EP	RQ	TENDER DESIGN ISSUE

SP ENERGY NETWORKS

AECOM

Status Stamp: FOR INFORMATION
IGNEMI LOPEZ SOLANO
2025.03.10 10:46:06 +01'00'

Project: REDSHAW 400/132kV SUBSTATION ENABLING WORKS

Location: REDSHAW

Drg. Title: MANHOLE SCHEDULE

Drawn	Rev'd	App'd
ER	EP	RQ

Drg. No.: BT3423-2-1100-DO-AECOEC-1053
SPEN Ref. No. : ####
Sheet:
Next:
Rev: 0C
Scale: n/a
Size: A1

All rights reserved. Total or partial reproduction of this drawing without authorisation of the proprietor is prohibited.