

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER HBL DRAWINGS ISSUED FOR THIS PROJECT

- GENERAL NOTES:
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERING AND ARCHITECT'S DETAILS.
 - THE DESIGN DETAILS PRESENTED MUST BE REVIEWED IN CONJUNCTION WITH THE WIDER SITE INFORMATION AND SITE CONSTRAINTS WHICH MAY NOT BE EVIDENT ON DRAWING AND MUST BE REQUESTED IF NOT ALREADY PROVIDED. THIS INCLUDES, BUT NOT LIMITED TO, GROUND CONDITIONS (GEOTECHNICAL AND GEO-ENVIRONMENTAL), GROUNDWATER LEVELS, BURIED SERVICES, REMNANT OBSTRUCTIONS, ECOLOGY, TREE PROTECTION AND TOPOGRAPHY.
 - THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY, IN WRITING, SHOULD ANY ERRORS OR DISCREPANCIES BE FOUND PRIOR TO THE COMMENCEMENT OR CONTINUATION OF ANY WORKS.
 - ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH CURRENT BRITISH STANDARDS, BUILDING REGULATIONS AND NHBC STANDARDS.
 - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXECUTE THE WORKS AT ALL TIMES IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE HEALTH AND SAFETY AT WORK ACT 1974 AND THE C.D.M. REGULATIONS 2015. THE CONTRACTOR WILL BE DEEMED TO HAVE ALLOWED FOR FULL COMPLIANCE, INCLUDING FULL LIAISON WITH THE CDM CO-ORDINATOR, WITHIN HIS RATES.
 - ANY EXISTING DETAILS WHICH ARE SHOWN ON THIS DRAWING ARE FOR GUIDANCE ONLY AND ARE TO BE CHECKED ON SITE BY THE CONTRACTOR. ANY VARIATIONS ARE TO BE RECORDED AND REPORTED TO THE ENGINEER IMMEDIATELY.
 - BEFORE WORK COMMENCES CONTRACTOR SHOULD CONSULT THE ENGINEER AND THE SI REPORT REGARDING ANY CONTAMINATION ISSUES. ALL NECESSARY HEALTH AND SAFETY MEASURES TO BE TAKEN.
 - THE DETAILS PROVIDED ARE IN LINE WITH DESIGN AND CONSTRUCTION GUIDANCE FOR FOUL AND SURFACE WATER SEWERS OFFERED FOR ADOPTION UNDER THE CODE FOR ADOPTION AGREEMENTS FOR WATER AND SEWERAGE COMPANIES OPERATING WHOLLY OR MAINLY IN ENGLAND ("THE CODE") APPROVED VERSION 2.1 - 25 MAY 2021

Manhole Schedule Network 10701 - FW - NORTH															
Manhole No.	Cover Level	Depth to IL (m)	(Sump)	Manhole Diameter (mm)	Manhole Type	Cover Type	Outgoing Pipe No.	Outgoing Pipe Invert Level	Outgoing Pipe Diameter (mm)	Outgoing Pipe Gradient (1:X)	Incoming Pipe No.	Incoming Pipe Invert Level	Incoming Pipe Diameter (mm)	Co-ordinate Easting	Co-ordinate Northing
F9	86.387	1.887	0.00	1200	SSG - TYPE B	D400	C1 F1.000	84.500	150	1:9				431131.567	410715.369
F11	82.415	3.165	0.00	1200	SSG - TYPE A	D400	C1 F2.001	79.250	150	1:134				431209.707	410689.940
F12	83.858	4.853	0.00	1200	SSG - TYPE A	D400	C1 F1.001	79.005	150	1:135	C1 F1.000 C1 F2.001	79.005 79.005	150 150	431178.914	410701.494
F13	83.209	4.369	0.00	1200	SSG - TYPE A	D400	C1 F1.002	78.840	150	1:61	C1 F1.001	78.840	150	431185.176	410722.862
F15	82.049	3.617	0.00	1200	SSG - TYPE A	D400	C1 F1.003	78.437	150	1:148	C1 F1.002	78.437	150	431185.658	410747.374
F18	80.890	2.761	0.00	1200	SSG - TYPE B	D400	C1 F1.004	78.129	150	1:96	C1 F1.003	78.129	150	431185.127	410793.033
F19	80.778	2.818	0.00	1200	SSG - TYPE B	D400	C1 F1.005	77.960	150	1:101	C1 F1.004	77.960	150	431185.342	410809.264
F22	80.481	2.751	0.00	1200	SSG - TYPE B	D400	C1 F1.006	77.730	150	1:14	C1 F1.005	77.730	150	431194.369	410830.656
F23	78.342	2.457	0.00	1200	SSG - TYPE B	D400	C1 F1.007	75.885	150	1:16	C1 F1.006	75.885	150	431194.565	410856.313
F24	78.000	2.401	0.00	1200	SSG - TYPE B	D400	C1 F1.008	75.599	150	1:30	C1 F1.007	75.599	150	431192.923	410860.599
F25	76.535	2.415	0.00	1350			C1 F1.009	74.120	150	1:80	C1 F1.008	74.120	150	431161.564	410891.404
F26	75.283	1.433	0.00	1350							C1 F1.009	73.850	150	431146.007	410906.427

Manhole Schedule Network 10701 - FW - SOUTH															
Manhole No.	Cover Level	Depth to IL (m)	(Sump)	Manhole Diameter (mm)	Manhole Type	Cover Type	Outgoing Pipe No.	Outgoing Pipe Invert Level	Outgoing Pipe Diameter (mm)	Outgoing Pipe Gradient (1:X)	Incoming Pipe No.	Incoming Pipe Invert Level	Incoming Pipe Diameter (mm)	Co-ordinate Easting	Co-ordinate Northing
F1	78.690	2.440	0.00	1200	SSG - TYPE B	D400	C2 F1.000	76.250	150	1:100				431080.802	410474.284
F2	79.301	3.534	0.00	1200	SSG - TYPE B	D400	C2 F1.001	75.767	150	1:134	C2 F1.000	75.767	150	431108.410	410434.592
F3	79.449	3.768	0.00	1200	SSG - TYPE B	D400	C2 F1.002	75.681	150	1:134	C2 F1.001	75.681	150	431118.285	410428.591
F4	79.705	4.184	0.00	1200	SSG - TYPE B	D400	C2 F1.003	75.521	150	1:135	C2 F1.002	75.521	150	431139.746	410429.421
F5	80.165	4.918	0.00	1200	SSG - TYPE B	D400	C2 F1.004	75.247	150	1:135	C2 F1.003	75.247	150	431172.626	410412.540
F6	80.109	4.958	0.00	1200	SSG - TYPE B	D400	C2 F1.005	75.151	150	1:135	C2 F1.004	75.151	150	431182.822	410404.604
F8	79.540	4.560	0.00	1200	SSG - TYPE B	D400	C2 F1.006	74.980	150	1:25	C2 F1.005	74.980	150	431203.330	410394.122

Manhole Schedule Network 10701 - FW - DEMARICATION - SOUTH													
Manhole No.	Cover Level	Depth to IL (m)	(Sump)	Manhole Diameter (mm)	Manhole Type	Cover Type	Outgoing Pipe Invert Level	Outgoing Pipe Diameter (mm)	Outgoing Pipe Gradient (1:X)	Incoming Pipe Invert Level	Incoming Pipe Diameter (mm)	Co-ordinate Easting	Co-ordinate Northing
FDC01	78.700	1.630	0.00	450	SSG - TYPE D	D400	77.070	150	1:80	76.360	100	431083.347	410479.381
FDC02	78.780	2.450	0.00	450	SSG - TYPE D	D400	76.330	150	1:80	76.360	100	431074.504	410472.653
FDC03	79.350	3.530	0.00	450	SSG - TYPE D	D400	75.820	150	1:80	75.870	100	431110.880	410439.001
FDC04	79.470	3.670	0.00	450	SSG - TYPE D	D400	75.800	150	1:80	77.460*	100	431110.459	410425.257
FDC05	79.640	3.930	0.00	450	SSG - TYPE D	D400	75.710	150	1:80	77.700*	100	431125.843	410421.891
FDC06	79.710	4.060	0.00	450	SSG - TYPE D	D400	75.650	150	1:80	78.400*	100	431129.615	410433.662
FDC07	80.250	4.940	0.00	450	SSG - TYPE D	D400	75.310	150	1:80	78.960*	100	431172.613	410417.665
FDC08	80.380	5.100	0.00	450	SSG - TYPE D	D400	75.280	150	1:80	78.400*	100	431171.950	410405.295
FDC09	79.750	4.690	0.00	450	SSG - TYPE D	D400	75.060	150	1:80	78.500*	100	431198.621	410389.678
FDC10	80.000	4.950	0.00	450	SSG - TYPE D	D400	75.050	150	1:80	78.000*	100	431203.419	410399.853

Manhole Schedule Network 10701 - FW - DEMARICATION - NORTH													
Manhole No.	Cover Level	Depth to IL (m)	(Sump)	Manhole Diameter (mm)	Manhole Type	Cover Type	Outgoing Pipe Invert Level	Outgoing Pipe Diameter (mm)	Outgoing Pipe Gradient (1:X)	Incoming Pipe Invert Level	Incoming Pipe Diameter (mm)	Co-ordinate Easting	Co-ordinate Northing
FDC14	84.240	4.880	0.00	450	SSG - TYPE D	D400	79.360	150	1:80	100	82.600*	431175.373	410694.303
FDC15	86.450	1.710	0.00	450	SSG - TYPE D	D400	84.740	150	1:80	100	84.790	431131.555	410718.163
FDC16	82.500	3.210	0.00	450	SSG - TYPE D	D400	79.290	150	1:80	100	79.540	431208.689	410686.755
FDC17	82.300	2.970	0.00	450	SSG - TYPE D	D400	79.330	150	1:80	100	80.400*	431214.646	410694.330
FDC18	83.900	4.560	0.00	450	SSG - TYPE D	D400	79.340	150	1:80	100	83.050*	431176.489	410714.973
FDC19	83.540	4.610	0.00	450	SSG - TYPE D	D400	78.930	150	1:80	100	82.330*	431188.102	410716.753
FDC20	81.320	2.590	0.00	450	SSG - TYPE D	D400	78.730	150	1:80	100	79.890*	431189.936	410770.890
FDC22	82.350	3.700	0.00	450	SSG - TYPE D	D400	78.650	150	1:80	100	81.790*	431180.223	410746.051
FDC23	81.800	2.470	0.00	450	SSG - TYPE D	D400	79.330	150	1:80	100	80.440*	431190.198	410753.851
FDC24	81.800	2.490	0.00	450	SSG - TYPE D	D400	79.310	150	1:80	100	79.360	431178.573	410782.932
FDC26	80.750	2.750	0.00	450	SSG - TYPE D	D400	78.000	150	1:80	100	79.630	431188.137	410807.381
FDC29	78.470	1.970	0.00	450	SSG - TYPE D	D400	76.500	150	1:80	100	77.600*	431196.858	410856.224
FDC30	78.000	2.490	1.00	451	SSG - TYPE D	D400	75.510	151	1:80	101	77.350*	431193.026	410865.052

Pipe Schedule Network 10701 - FW - SOUTH								
Pipe Name	Size (mm)	Material	Plan Length	Slope	Start Manhole	Start IL	End Manhole	End IL
C2 F1.000	150	PVC	48.35	1:100.1	F1	76.250	F2	75.767
C2 F1.001	150	PVC	11.56	1:134.4	F2	75.767	F3	75.681
C2 F1.002	150	PVC	21.48	1:134.2	F3	75.681	F4	75.521
C2 F1.003	150	PVC	36.96	1:134.9	F4	75.521	F5	75.247
C2 F1.004	150	PVC	12.92	1:134.6	F5	75.247	F6	75.151
C2 F1.005	150	PVC	23.03	1:134.7	F6	75.151	F8	74.980
C2 F1.006	150	PVC	2.47	1:25.2	F8	74.980		74.882

Pipe Schedule Network 10701 - FW - NORTH								
Pipe Name	Size (mm)	Material	Plan Length	Slope	Start Manhole	Start IL	End Manhole	End IL
C1 F1.000	150	PVC	49.34	1:9.0	F9	84.500	F12	79.005
C1 F1.001	150	PVC	22.27	1:134.9	F12	79.005	F13	78.840
C1 F1.002	150	PVC	24.52	1:60.8	F13	78.840	F15	78.437
C1 F1.003	150	PVC	45.66	1:148.3	F15	78.437	F18	78.129
C1 F1.004	150	PVC	16.23	1:96.0	F18	78.129	F19	77.960
C1 F1.005	150	PVC	23.22	1:101.0	F19	77.960	F22	77.730
C1 F1.006	150	PVC	25.66	1:13.9	F22	77.730	F23	75.885
C1 F1.007	150	PVC	4.59	1:16.0	F23	75.885	F24	75.599
C1 F1.008	150	PVC	43.96	1:29.7	F24	75.599	F25	74.120
C1 F1.009	150	PVC	21.63	1:80.1	F25	74.120	F26	73.850
C1 F2.001	150	PVC	32.89	1:134.2	F11	79.250	F12	79.005

REV.	DATE	DRAWN	DESCRIPTION	CHKD	APPRD
P03	06.03.26	SP	ISSUED FOR TECHNICAL APPROVAL	AC	RJ
P02	16.11.25	RJ	REVISED TO PRIVATE DRAINAGE DETAILS	RJ	RJ
P01	06.11.25	AC	TENDER DRAWING	RJ	RJ

STATUS DESCRIPTION STATUS

FOR TECHNICAL APPROVAL S4



PROJECT: WOOLLEY COLLIERY

DRAWING TITLE: MANHOLE AND PIPE SCHEDULES SHEET 2

CLIENT: MJ GLEESON

HBL REF: 10701 DATE: 29.09.25 SCALE(S): 1:20 A1

DRAWN: AC CHECKED: RJ APPROVED: RJ

DRAWING No. 10701-HBL-XX-XX-DR-C-5542 REV. P03