PROPOSED SURFACE MANHOLE SCHEDULE														
MH NAME	MH CL (m)	MH IL (m)	MH DEPTH (m)	DEPTH TO SOFFIT (m)		MH TYPE	GRADE	(LxW or DIAM.)	(m)	INLET PIPE DIAM. (mm)	OUTLET PIPE INVERTS (m)	OUTLET PIPE DIAM. (mm)	COMMENTS	
SW01	131.500	130.900	0.600	0.450	450	PPIC	B125	450	130.900	-	130.900	150	LOCATED WITHIN FILTER TRENCH.	
SW02	131.500	130.830	0.670	0.520	450	PPIC	B125	450	130.830	150	130.830	150	LOCATED WITHIN FILTER TRENCH.	
SW03	131.500	130.810	0.690	0.540	450	PPIC	B125	450	130.810	150	130.810	150	LOCATED WITHIN FILTER TRENCH.	
SW04	131.500	130.760	0.740	0.590	450	PPIC	B125	450	130.760 130.760	150 100	130.760	150	LOCATED WITHIN FILTER TRENCH.	
SW05	131.500	130.670	0.830	0.680	450	PPIC	B125	450	130.670 130.670	150 100	130.670	150	LOCATED WITHIN FILTER TRENCH.	
SW06	131.500	130.580	0.920	0.770	450	PPIC	B125	450	130.580	150	130.580	150	LOCATED WITHIN FILTER TRENCH.	
SW07	131.600	130.570	1.030	0.805	600	PPIC	B125	600	130.570 130.570	150 100	130.570	225	FITTED WITH 350Ø REDUCER CAP.	
SW08	131.450	130.435	1.015	0.790	600	PPIC	B125	600	130.435 130.435	225 150	130.435	225	FITTED WITH 350Ø REDUCER CAP.	
SW09	131.450	130.405	1.045	0.820	600	PPIC	B125	600	130.405 130.405	225 150	130.405	225	FITTED WITH 350Ø REDUCER CAP.	
SW10	131.325	130.275	1.050	0.825	600	PPIC	B125	600	130.275 130.275	225 100	130.275	225	FITTED WITH 350Ø REDUCER CAP.	
SW11	131.200	130.210	0.990	0.765	600	PPIC	B125	600	130.210 130.210 130.210	225 150 100	130.210	225	FITTED WITH 350Ø REDUCER CAP.	
SW12	131.225	130.075	1.150	0.925	600	PPIC	B125	600	130.075 130.075	225 100	130.075	225	FITTED WITH 350Ø REDUCER CAP.	
SW13	131.150	130.550	0.600	0.450	450	PPIC	B125	450	130.550	150	130.550	150	LOCATED WITHIN FILTER TRENCH.	
SW14	131.150	130.550	0.600	0.450	450	PPIC	B125	450	130.550	150	130.550	150	LOCATED WITHIN FILTER TRENCH.	
SW15	131.500	129.975	1.525	1.300	600	PPIC	B125	600	129.975 129.975	225 150	129.975	225	FITTED WITH 350Ø REDUCER CAP.	
SW16	131.500	129.930	1.570	1.345	600	PPIC	B125	600	129.930 129.930	225 150	129.930	225	FITTED WITH 350Ø REDUCER CAP.	
SW17	131.380	130.130	1.250	1.100	450	PPIC	B125	450	130.130 130.130	150 100	130.130	150	FITTED WITH 350Ø REDUCER CAP.	
SW18	130.700	129.995	0.705	0.555	450	PPIC	B125	450	129.995	-	129.995	150	LOCATED WITHIN FILTER TRENCH.	
SW19	131.125		1.130	0.980	450	PPIC	B125	450	129.995	150	129.995	150	LOCATED WITHIN FILTER TRENCH.	
SW20	131.150	129.975	1.175	1.025	450	PPIC	B125	450	129.975 129.975	150 150	129.975	150	FITTED WITH 350Ø REDUCER CAP.	
SW21	131.500	129.830	1.670	1.370	600	PPIC	B125	600	129.830 129.830	225 150	129.830	300	FITTED WITH 350Ø REDUCER CAP.	
SW22	131.000	129.775	1.225	0.925	600	PPIC	B125	600	129.775	300	129.775	300	FITTED WITH 350Ø REDUCER CAP.	
SWLS		129.000	2.000	-	600	PPIC	B125	600	129.750 129.000	300 300	-	-	LINED SOAKAWAY.	

							PI	ROPOSED FOU	L MANHOLE SCHEI	DULE			-		
MH NAME	MH CL	MH IL	MH DEPTH (m)	DEPTH TO	MH CHAMBER DIAM. (mm)	МН ТҮРЕ	MH COVER GRADE	MH COVER SIZE	INLET PIPE INVERTS	INLET PIPE DIAM. (mm)		OUTLET PIPE DIAM. (mm)	COMMENTS		
	(m)	(m)		SOFFIT (m)				(LxW or DIAM.)	(m)						
FW01	131.750	130.180	1.570	1.470	600	PPIC	B125	600	130.180 130.180	100 100	130.180	100	FITTED WITH 350Ø REDUCER CAP.		
FW02	131.725	130.085	1.640	1.490	600	PPIC	B125	600	130.085 130.085	150 100	130.085	150	FITTED WITH 350Ø REDUCER CAP.		
FW03	131.700	130.060	1.640	1.490	600	PPIC	B125	600	130.060 130.060	150 150	130.060	150	ITTED WITH 350Ø REDUCER CAP.		
FW04	131.650	130.020	1.630	1.480	600	PPIC	B125	600	130.020 130.020	150 150	130.020 150		ITTED WITH 350Ø REDUCER CAP.		
FW05	131.625	130.000	1.625	1.475	600	PPIC	B125	600	130.000 130.000	150 150	130.000	150	FITTED WITH 350Ø REDUCER CAP.		
FW06	131.600	129.965	1.635	1.485	600	PPIC	B125	600	129.965 129.965	150 150	129.965 150 FI		FITTED WITH 350Ø REDUCER CAP.		
FW07	131.575	129.935	1.640	1.490	600	PPIC	B125	600	129.935 129.935	150 150	129.935 150		FITTED WITH 350Ø REDUCER CAP.		
FW08	131.550	129.905	1.645	1.495	600	PPIC	B125	600	129.905 129.905	150 150	129.905	150	FITTED WITH 350Ø REDUCER CAP.		
FW09	131.525	129.875	1.650	1.500	600	PPIC	B125	600	129.875 129.875	150 150	129.875	150	FITTED WITH 350Ø REDUCER CAP.		
FW10	131.500	129.840	1.660	1.510	600	PPIC	B125	600	129.840 129.840	150 150	129.840	150	FITTED WITH 350Ø REDUCER CAP.		
FW11	131.375	129.670	1.705	1.555	600	PPIC	B125	600	129.670 129.670	150 100	129.670	150	FITTED WITH 350Ø REDUCER CAP.		
FW12	131.475	129.545	1.930	1.780	600	PPIC	B125	600	129.545 129.545	150 150	129.545	150	FITTED WITH 350Ø REDUCER CAP.		
FW13	131.450	129.515	1.935	1.785	600	PPIC	B125	600	129.515 129.515	150 150	129.515	150	FITTED WITH 350Ø REDUCER CAP.		
FW14	131.430	129.505	1.925	1.775	600	PPIC	B125	600	129.505 129.505	150 150	129.505 150		FITTED WITH 350Ø REDUCER CAP.		
FW15	131.400	129.495	1.905	1.755	600	PPIC	B125	600	129.495 129.495	150 150	129.495 150		FITTED WITH 350Ø REDUCER CAP.		
FW16	131.385	129.485	1.900	1.750	600	PPIC	B125	600	129.485 129.485	150 150	129.485 150		FITTED WITH 350Ø REDUCER CAP.		
FW17	131.370	129.470	1.900	1.750	600	PPIC	B125	600	129.470 129.470	150 150	129.470 150		FITTED WITH 350Ø REDUCER CAP.		
FW18	131.250	129.490	1.760	1.610	600	PPIC	B125	600	129.490	150	129.490	150	FITTED WITH 350Ø REDUCER CAP.		
FW19	131.320	129.450	1.870	1.720	600	PPIC	B125	600	129.450 129.450 129.450	150 150 150	129.450	150	FITTED WITH 350Ø REDUCER CAP.		
FW20	130.740	129.385	1.355	1.205	600	PPIC	B125	600	129.385	150	129.385	150	CONSTRUCTED OVER EXISTING CHAMBER.		

100mm at A1

1.	DRAINAG STANDAR
•	BS EN 752
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	EDITION
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 . .	AINAGE NOTES: DRAINAGE SYSTEMS TO COMPLY WITH THE FOLLOWING STANDARDS: BS EN 782:2008 BUILDING REGULATIONS APPROVED DOCUMENT PART H, 2015 EDITION NHBC STANDARDS CHAPTER 5.3, 2017 EDITION NHBC STANDARDS PLUS, 2017 ALL COMPONENTS USED IN DRAINAGE SYSTEMS TO COMPLY WITH THE FOLLOWING: BS EN 476:2011 ALL DRAINAGE SYSTEMS AND COMPONENTS TO BE CONSTRUCTED AND TESTED TO THE FULL SATISFACTION OF BOTH BUILDING REGULATIONS AND WARRANTY PROVIDER INSPECTORS ALL DRAINAGE TO BE CONSTRUCTED AND TESTED IN ACCORDANCE WITH BS EN 1610:2015. V.C. DENOTES VITRIFIED CLAY, VITRIFIED CLAY PIPES AND FITTINGS TO COMPLY WITH THE RELEVANT PROVISIONS OF BS EN285-1:20132:20133:2012 AND BS 65 RESPECTIVELY AND BE KITEMARKED. ALL PIPES SHALL BE EXTRA STRENGTH. LATERAL DRAIN CONNECTIONS (PIPES CONNECTING INTO ADOPTABLE SEWERS) TO BE VITRIFIED CLAY. WHERE COVER IS ESS THAN 1.2m TO GROUND LEVEL PIPE PROTECTION IS REQUIRED IN THE FORM OF A CONCRETE COVER SLAB. PVC-U DENOTES UNPLASTISED POLYVINYL CHLORIDE. PVC-U PIPES AND FITTINGS TO COMPLY WITH THE RELEVANT PROVISIONS OF BS EN1401, BS EN 13476-2 AND BS4660:1989/2000 RESPECTIVELY AND BE KITEMARKED. PRECAST CONCRETE MANHOLES TO BE IN ACCORDANCE WITH BS EN 1917:2022 AND BS 5911-3:20104:202 AND TO BE KITEMARKED. PRECAST CONCRETE RINGS AND COVER SLABS TO CONCRETE PIPES TO BE SITIS: ADD TO BE KITEMARKED. PRECAST CONCRETE UNITS SHALL HAVE SULPHATE RESISTING PORTLAND CEMENT TO BE EN 197-1:2011. POLYPROPYLENE INSPECTION CHAMBERS TO COMPLY WITH THE RESISTING PORTLAND CEMENT TO BE IN 137594.1:20102:2016 AND BS 7158:2001 AND TO BE KITEMARKED. NISITU AND PRECAST CONCRETE UNITS SHALL HAVE SULPHATE RESISTING PORTLAND CEMENT TO BE EN 197-1:2011. POLYPROPYLENE INSPECTION CHAMBERS TO COMPLY WITH THE RELEVANT PROVISIONS OF BS EN 124-1 TO 6:2015. MANHOLE COVERS AND FRAMES TO BE OF A NON-ROCKING DESIGN WITH CUSHION INSERTS AND KITEMARKED. LOAD CLASS A150 COVERS 10 BE USED IN NOTOWAYS; LOAD CLASS A150 COVERS 10 SE USED IN PRIVATE ROADS. ALL COVERS TO BE BADGED THY" O	1. 2. 3. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 5. 5. 7. 6. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7.	 CONFLICT OF REQUIREMENTS EXIST THE ORDER OF PRECEDENCE SHALL BE AS SHOWN IN THE SPECIFICATION. OTHERWISE THE STRICTEST PROVISION SHALL GOVERN. 2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS AND ARCHITECTS DRAWINGS. 3. DRAWINGS NOT TO BE SCALED. ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER AND FURTHER INSTRUCTIONS OBTAINED BEFORE WORK IS COMMENCED. 							
15.	MINIMUM AREA OF WATERWAY TO BE 1010cm ² . DRAINAGE CHANNELS TO BE ACO M100D 0.0 MULTIDRAIN CHANNEL (O.S.A) FITTED WITH SLOTTED DUCTILE IRON GRATING. GRATES SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN 124-1 TO 6:2015 AND BE KITEMARKED. LOAD CLASS A15 GRATES TO BE USED IN AREAS INACCESSIBLE TO VEHICLES; LOAD CLASS B125 GRATES TO BE USED IN FOOTWAYS; LOAD CLASS D400 GRATES TO BE USED IN PRIVATE ROADS. SUMP UNIT AND SILT BUCKET UNITS TO BE USED ON ALL GULLIES. CLASS Z BEDDING DETAIL SHALL BE PROVIDED: WHERE COVER TO PIPE BARREL IS; i) <1.2m IN VEHICULAR TRAFFICKED AREAS ii) <0.9m IN AREAS INACCESSIBLE TO VEHICLES. AT ALL ROAD GULLY, RWP, SVP AND DRAINAGE CHANNEL BRANCHES. AREAS OF DEEP ROOTING VEGETATION. WHERE TWO PIPES CROSS WITH A CLEAR GAP OF <300mm. CLASS Z SURROUND TO EXTEND A MINIMUM OF 1.0m FROM THE	P4	UPDATED TO SUIT UPDATED TO SUIT 100% STAGE 4 ISSI	LAYOUT		20.11.23 15.09.23 14.08.23	DC DC DC	DC DC DC	JAG JAG JAG	
16.	CENTRE OF THE CROSSING POINT & EXTENDED TO WITHIN 150mm OF THE NEAREST FLEXIBLE JOINT, WHERE REQUIRED. CLASS 'Y' BEDDING DETAIL TO BE PROVIDED TO ALL PIPEWORK BENEATH BUILDING FOOTPRINT WITH ROCKER PIPES PROVIDED AS CLOSE AS POSSIBLE TO BUILDING STRUCTURE WHERE PIPE	P1	MANHOLE SCHEDU FIRST ISSUE Description	JLE UPDATED		05.07.23 19.06.23 Date	HD HD By	DC DC Chk	JAG JAG App	
THE LIS ⁻ HO\ NEV	EXITS NO MECHANICAL COMPACTION OF FILL MATERIAL WITHIN 300mm OF THE CROWN OF ANY PIPE. EVERSIONS OF BRITISH STANDARDS AND OTHER PUBLICATIONS TED ABOVE ARE CURRENT AT THE TIME OF THE DRAWING ISSUE. WEVER IF THESE HAVE BEEN REVISED OR UPDATED THEN THE WER VERSIONS SHOULD BE USED. ANY DISCREPANCIES SHOULD NOTIFIED TO AWP IMMEDIATELY. 100% STAGE 4 SUBMISSION		Alan	Wood	8 Pa	artne	7 rs			
		341 Hul HU	5 1LD 01482 442138 rw.alanwood.co.u PROPOS OAKHAN	SED BARR /I, LE15 7A	Project N Building Leeds Lincoln Scarborough Sheffield York	Ural Engir Aanagers Surveyor T. 0113 T. 0172 T. 0114 T. 0190	S 35 3110 22 3002 23 8654 22 4400 94 6115	98 10 84 77 94		
		Draw Role:	MANHOI CIVIL EN	LE SCHED	DULE	Suitability				

Project Originator Volume Level Type Role Number Z9A8416Y20 - AWP - ZZ - XX - DR - C - 00003301

Drawing Status: FOR APPROVAL

Job. no. 49043 Scale@ A1: NA

Suitability Code: S4

Rev. P5