

GENERAL NOTES

1. SETTING OUT SHALL BE UNDERTAKEN USING ONLY THE INFORMATION GIVEN. DISTANCES SHOULD NOT BE SCALED FROM THIS DRAWING.
2. ALL SEWERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SEWERS FOR ADOPTION 7TH EDITION AND UNITED UTILITIES DETAILS & GUIDELINES.
3. THE MINIMUM GRAVITY PIPE DIAMETER UNDER ADOPTABLE HIGHWAYS SHALL BE 150mm.
4. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL INFORMATION GIVEN WITH REGARDS TO EXISTING SERVICES AND DRAINAGE CONNECTIONS ETC. PRIOR TO COMMENCING THE WORKS. THE RATES SHALL INCLUDE FOR HAND DIG AROUND SERVICES WHERE NECESSARY. THE CONTRACTOR SHALL ADHERE TO THE CDM REGULATIONS AT ALL TIMES.
5. THE OUTSIDES OF ALL SEWERS SHALL BE A MINIMUM OF 1.0m FROM KERB LINES AND THE OUTSIDE OF MANHOLES SHALL BE A MINIMUM OF 0.5m FROM KERB LINES.
6. EXISTING FLOWS IN WATERCOURSES, SEWERS AND LAND DRAINS SHALL BE MAINTAINED AT ALL TIMES.
7. ONLY TRAINED PERSONNEL SHALL BE PERMITTED TO ENTER CONFINED SPACES.
8. ALL MATERIALS TO BEAR THE RELEVANT B.S. KITEMARK AND COMPLY FULLY WITH THE SPECIFICATIONS. ALL CONCRETE & CONCRETE PRODUCTS MUST USE SULPHATE RESISTANT CEMENT (UNLESS THE SITE INVESTIGATION REPORT PROVES THAT SULPHATE ATTACK FROM SOILS AND GROUNDWATER WILL NOT OCCUR TO WITHSTAND A CLASS.
9. ALL OPENING NOTICES ETC. AS REQUIRED UNDER HIGHWAYS ACTS ETC. ARE TO BE OBTAINED PRIOR TO COMMENCEMENT OF WORKS. ALL WORKS ARE TO BE INSPECTED BY L.A., NHBC OR THE NETWORK OPERATOR AS APPLICABLE.
11. A CLASS 8 BED AND SURROUND MUST BE USED FOR SUCH PIPES. TRENCH BACKFILL IN HIGHWAYS TO WITHIN 1M OF HIGHWAY SHALL, AS DIRECTED BY THE HIGHWAY AUTHORITY BE A SUITABLE GRANULAR MATERIAL, ALL IN ACCORDANCE WITH SEWERS FOR ADOPTION CL. 4.3.4.
12. SLAB LEVELS SHALL NOT BE VARIED WITHOUT REFERENCE TO THE ENGINEER FOR GUIDANCE.
13. ALL GULLY CONNECTIONS TO BE 150mm VITRIFIED CLAY UNLESS NOTED OTHERWISE.
14. ALL MANHOLE COVERS TO BE RECESSED TO ACCEPT FINISH AS DETAILED BY LANDSCAPE ARCHITECT.
15. SLOW REST BENDS TO BE USED IN ALL LOCATIONS MADE UP FROM 2No. 45 DEG BENDS (600mm TO INVERT FROM FFL).
16. MANHOLE POSITIONS AND ACCESS COVERS TO BE ACCURATELY SET-OUT BY LANDSCAPE ARCHITECT TO SUIT EXTERNAL FINISHES.
17. ALL DRAINS CAST THROUGH FOUNDATIONS TO HAVE ROCKER PIPES ON BOTH SIDES OF FOUNDATION.
18. ALL POP UP POSITIONS TO BE CONFIRMED SET OUT DIMENSIONS TO BE AGREED & PROVIDED BY OTHERS.
19. ALL DISCHARGE RATES TO BE CONFIRMED BY MSE DESIGNER.
20. ALL SURFACE WATER COLLECTION FEATURES TO BE CONFIRMED BY THE LANDSCAPE ARCHITECT.
21. STORAGE HAS BEEN PROVIDED IN A TUBOSIDER STORAGE TANK AND UP-SIZED MANHOLES AND PIPES.
22. EXISTING SEWER DEPTHS HAVE BEEN LAYER SURVEYS LTD SURVEYS. NEW CONNECTIONS TO BE CONFIRMED PRIOR TO CONSTRUCTION OF ANY DRAINAGE WORKS.
23. LANDSCAPE ARCHITECT TO CONFIRM GULLY AND DRAINAGE CHANNEL LOCATIONS TO LANDSCAPED AREAS.

CRD	05.07.2024	SWAC/DWTTED	JJR	DJS	DJS
CDI	05.06.2024	UPDATED TO SUIT SITE COMMENTS	JJR	DJS	DJS
CDI	30.04.2024	CONSTRUCTION ISSUE	JJR	DJS	DJS
REV	DATE	DESCRIPTION	BY	CHK	APP

DRAWING STATUS:

CONSTRUCTION

CLIENT:

BURY COUNCIL

ARCHITECT:

POZZONI

PROJECT:

RADCLIFFE CIVIC HUB

TITLE:

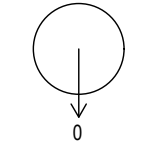
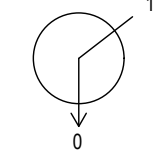
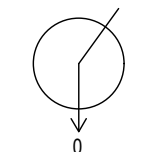
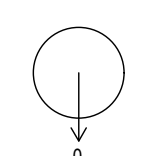
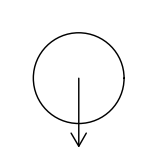
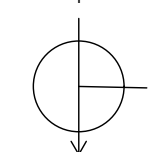
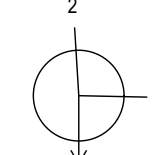
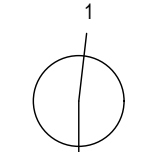
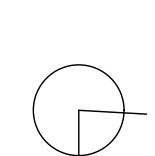
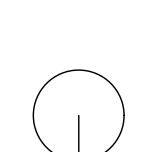
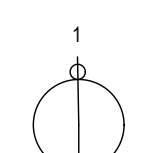
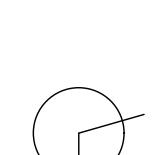
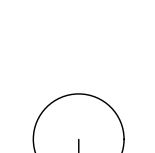
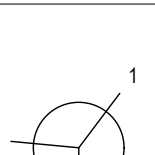
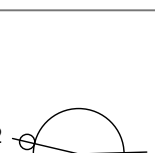
BELOW GROUND DRAINAGE
MANHOLE SCHEDULE

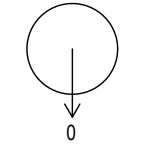
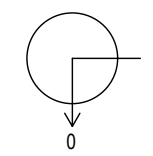
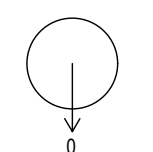
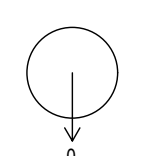
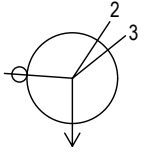
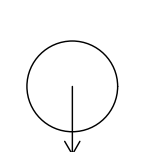
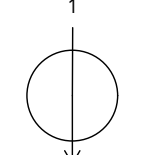
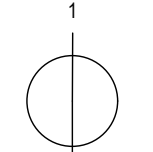
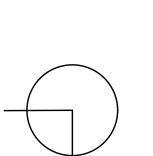
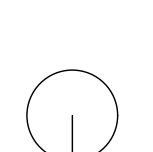
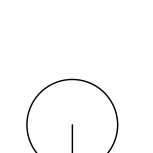
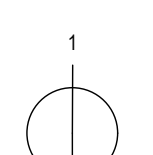
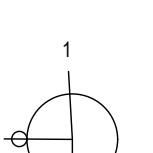
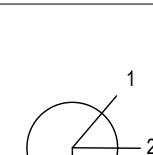
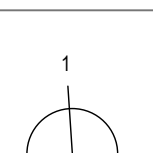
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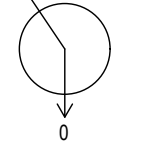
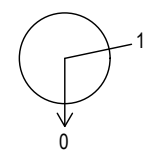
S2221-145RADHUB-AJP-V4-ZZ-DR-C-0100C03

SCALE & N: DESIGNED: DRAWN: CHECKED: APPROVED: DATE:

N.T.S. JJRJJRDJS DJSAPR 2024

SURFACE WATER MANHOLES									
Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types		
			Code	Inverts	Diams		Manhole	Cover	
SW01	64.500					1200	B	600x600 D400 RECESSED COVER	
E. 378454.687 N. 426942.248	1.525		0	1.000	62.750	225			
			1	1.000	62.385	225			
SW02	64.140					1500	B	600x600 D400 RECESSED COVER	
E. 378522.603 N. 426920.673	1.520		0	1.001	62.385	225			
			1	1.001	62.315	225			
SW03	64.190					1500	B	600x600 D400 RECESSED COVER	
E. 378530.191 N. 426922.653	1.690		0	1.002	62.240	300			
SW04A	65.300					600	PPC	8125 DOUBLE SEALED, LOCKABLE & RECESSED	
E. 378540.126 N. 426954.020	1.950		0	2.000	63.200	150			
SW04B	65.300					900	B	600x600 8125 DOUBLE SEALED, LOCKABLE & RECESSED	
E. 378533.190 N. 426951.600	1.740		0	3.001	62.300	225			
			1	3.001	62.300	225			
			2	2.000	62.300	300			
SW04	65.300					900	B	8125 DOUBLE SEALED, LOCKABLE & RECESSED	
E. 378540.190 N. 426940.261	1.770		0	2.001	62.300	225			
			1	2.001	62.095	225			
			2	1.002	62.020	300			
SW05	63.880					1500	B	600x600 D400 RECESSED COVER	
E. 378544.637 N. 426940.232	1.960		0	1.003	62.020	300			
SW06	63.725					1800	B	600x600 D400 RECESSED COVER	
E. 378559.900 N. 426956.701	2.175		0	1.004	61.250	300			
			1	1.004	60.980	300			
SW07	63.860					1500	B	600x600 D400 RECESSED COVER	
E. 378575.066 N. 426977.695	2.980		0	1.005	60.980	300			
SW09	65.900					600	PPC	8125 DOUBLE SEALED, LOCKABLE & RECESSED	
E. 378542.405 N. 426993.951	1.460		0	4.000	64.290	150			
SW08A	65.890					1200	B	600x600 D400 RECESSED COVER	
E. 378551.688 N. 426987.165	2.430		0	4.001	63.310	150			
			1	4.001	63.235	150			
SW08	65.890					1500	B	600x600 D400 RECESSED COVER	
E. 378556.358 N. 426983.619	2.550		0	4.002	63.235	150			
SW11	65.200					600	PPC	D400 RECESSED COVER	
E. 378563.384 N. 426994.638	1.660		0	5.000	63.300	150			
SW12	64.920					1500	B	600x600 D400 RECESSED COVER	
E. 378563.869 N. 426989.235	1.650		0	4.003	63.040	225			
			1	1.005	60.550	300			
			2	4.003	BD: 62.325	225			
SW14 HYDROBRAKE CHAMBER	64.090					2100	A	600x600 D400 RECESSED & VENTED COVER	
E. 378572.997 N. 426979.170	3.200		0	1.006	60.550	300			

FOUL WATER MANHOLES									
Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types		
			Code	Inverts	Diams		Manhole	Cover	
FW01	65.300					600	PPC	8125 DOUBLE SEALED, LOCKABLE & RECESSED	
E. 378548.396 N. 426960.203	1.450		0	1.000	63.700	150			
			1	1.000	63.475	150			
FW02	65.300					600	PPC	8125 DOUBLE SEALED, LOCKABLE & RECESSED	
E. 378544.531 N. 426962.183	1.675		0	1.001	63.475	150			
FW03	65.300					600	PPC	8125 DOUBLE SEALED, LOCKABLE & RECESSED	
E. 378546.868 N. 426961.085	1.425		0	2.000	63.725	150			
FW04	65.300					600	PPC	8125 DOUBLE SEALED, LOCKABLE & RECESSED	
E. 378548.474 N. 426956.688	1.450		0	3.000	63.700	150			
FW05 BREAK CHAMBER	63.750					1500	C	1200x475 D400 RECESSED & VENTED COVER	
E. 378555.413 N. 426949.924	1.250		0	1.004	62.400	150			
FW06	65.300					600	PPC	D400 RECESSED COVER	
E. 378522.728 N. 426947.895	0.750		0	4.000	64.400	150			
FW06A	65.300					600	PPC	8125 DOUBLE SEALED, LOCKABLE & RECESSED	
E. 378523.984 N. 426960.715	0.850		0	4.001	64.300	150			
FW07	65.300					600	PPC	8125 DOUBLE SEALED, LOCKABLE & RECESSED	
E. 378528.158 N. 426956.055	1.070		0	4.002	64.060	150			
FW08	65.300					600	PPC	8125 DOUBLE SEALED, LOCKABLE & RECESSED	
E. 378531.561 N. 426958.830	1.450		0	4.003	63.700	150			
FW09	65.300					600	PPC	8125 DOUBLE SEALED, LOCKABLE & RECESSED	
E. 378535.966 N. 426950.458	1.320		0	5.000	63.830	150			
FW10A	65.300					600	PPC	8125 DOUBLE SEALED, LOCKABLE & RECESSED	
E. 378533.232 N. 426941.437	1.110		0	6.000	64.040	150			
FW10	65.300					600	PPC	8125 DOUBLE SEALED, LOCKABLE & RECESSED	
E. 378539.062 N. 426947.502	1.320		0	6.001	63.830	150			
FW11	63.750					1500	C	1200x475 D400 RECESSED COVER	
E. 378548.945 N. 426942.086	1.310		0	1.005	62.290	150			
			1	1.005	61.880	150			
			2	1.005	61.880	150			
FW12 BREAK CHAMBER	63.910					1200	B	600x600 D400 RECESSED & VENTED COVER	
E. 378539.678 N. 426932.049	1.880		0	1.006	61.880	150			
FW13 BREAK CHAMBER	64.320					1200	B	600x600 D400 RECESSED & VENTED COVER	
E. 378511.639 N. 426954.105	2.170		0	7.000	62.000	150			

COMBINED WATER MANHOLES									
Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types		
			Code	Inverts	Diams		Manhole	Cover	
CW01	64.150		1	1.000	60.897	375			600x600 D400 RECESSED COVER
E. 378623.134 N. 426918.439	3.078		0	1.001	60.897	375	1590	A	
			1	1.001	60.613	375			
CW02	64.450		1						600x600 D400 RECESSED COVER
E. 378601.474 N. 426935.233	3.452		0	EX-SEWER	60.613	375	1590	A	