



FOUL WATER MANHOLE SCHEDULE												
Manhole No.	Cover Level (m)	Invert Level (m)	Depth to Invert (m)	Main Channel (mm)	Branches	Manhole Style	Manhole Type	Chamber Size (mm)	Min. Clear Opening (mm)	Cover Loading	Comment	Co-ordinates (mm) EastingNorthing
F1-1	65.150	63.480	1.670	1500	1500 @ IL 63.480 In 1000 @ IL 63.555 In 1000 @ IL 63.555 In 1000 @ IL 63.555 In 1500 @ IL 63.480 Out	PCC	TYPE B	1200Ø	600x600	FACTA AAA	Double sealed, recessed and lockable	3844461268,401675733
F1-2	65.150	63.270	1.880	1500	1500 @ IL 63.270 In 1000 @ IL 63.345 In 1000 @ IL 63.345 In 1000 @ IL 63.345 In 1500 @ IL 63.270 Out	PCC	TYPE B	1200Ø	600x600	FACTA AAA	Double sealed, recessed and lockable	384456454,401668805
F1-3	65.150	63.170	1.980	1500	1000 @ IL 63.245 In 1500 @ IL 63.170 In 1000 @ IL 63.245 In 1000 @ IL 63.245 In 1500 @ IL 63.170 Out	PCC	TYPE B	1500Ø	600x600	FACTA AAA	Double sealed, recessed and lockable	3844454236,401665311
F1-4	65.150	64.040	1.110	1500	1000 @ IL 64.115 In 1000 @ IL 64.115 In 1000 @ IL 64.115 In 1500 @ IL 64.040 Out	PCC	TYPE B	1200Ø	600x600	FACTA AAA	Double sealed, recessed and lockable	384476020,401664722
F1-5	65.150	63.860	1.290	1500	1000 @ IL 63.935 In 1000 @ IL 63.935 In 1500 @ IL 63.860 In 1500 @ IL 63.860 Out	PCC	TYPE B	1200Ø	600x600	FACTA AAA	Double sealed, recessed and lockable	384472396,401659208
F1-6	65.150	62.860	2.290	1500	1000 @ IL 62.935 In 1500 @ IL 62.935 In 1500 @ IL 62.860 In 1000 @ IL 62.935 In 1000 @ IL 62.935 In 1500 @ IL 62.860 Out	PCC	TYPE B	1500Ø	600x600	FACTA AAA	Double sealed, recessed and lockable	384468354,401653476
F1-7-BD	65.150	62.760	2.390	1500	1500 @ IL 62.760 In 1500 @ IL 63.360 InBD 1000 @ IL 62.830 In 1000 @ IL 62.830 In 1500 @ IL 63.830 InBD 1000 @ IL 62.830 In 1500 @ IL 62.760 Out	PCC	TYPE B	1500Ø	600x600	FACTA AAA	Double sealed, recessed and lockable Backdrop from REs	384465220,401649104
F1-8	65.050	63.600	1.450	1500	1000 @ IL 63.675 In 1000 @ IL 63.675 In 1000 @ IL 63.675 In 1500 @ IL 63.600 Out	PPIC	TYPE D	450Ø	300x300	C250	Recessed, Double Sealed and Lockable	384437554,401642757
F1-9-BD	65.050	62.500	2.550	1500	1500 @ IL 62.500 In 1500 @ IL 63.100 InBD 1500 @ IL 62.500 Out	PCC	TYPE B	1200Ø	600x600	C250	Double sealed, recessed and lockable	384452896,401631415
F1-10-NRV	65.100	63.800	1.300	1500	1000 @ IL 63.800 In 1500 @ IL 63.800 Out	PPIC	TYPE D	450Ø	300x300	C250	Recessed, Double Sealed and Lockable	384457703,401629262
F1-11-BD	64.300	61.050	3.250	225Ø	1500 @ IL 62.260 InBD 1500 @ IL 61.050 In 225Ø @ IL 61.050 Out	PCC	TYPE A1	1200Ø	600x600	C250	Double sealed, recessed and lockable Connection to be made from F2-1-NRV Build on line of existing DN225 drain	384475606,401615586

POOL BACKWASH MANHOLE SCHEDULE												
Manhole No.	Cover Level (m)	Invert Level (m)	Depth to Invert (m)	Main Channel (mm)	Branches	Manhole Style	Manhole Type	Chamber Size (mm)	Min. Clear Opening (mm)	Cover Loading	Comment	Co-ordinates (mm) EastingNorthing
F2-1-NRV	64.100	61.150	2.950	1500	1500 @ IL 61.150 In 1500 @ IL 61.150 Out	PCC	TYPE B	1200Ø	600x600	D400	Double sealed and lockable. Connection from backwash tank	384470493,401609789
F2-2-Sump	65.150	63.700	1.450	225Ø	225Ø @ IL 64.150 In 225Ø @ IL 64.150 In 225Ø @ IL 64.000 Out	PCC	TYPE B SUMP CHAMBER	1050Ø	600x600	FACTA C	Drainage grating over sump to be lockable and fitted with safety grid below Connection from backwash filters	384472729,401664665
F2-3	65.050	63.340	1.710	225Ø	225Ø @ IL 63.340 In 225Ø @ IL 63.340 Out	PCC	TYPE B	1200Ø	600x600	C250	Double sealed, recessed and lockable	384450820,401631848

SURFACE WATER MANHOLE SCHEDULE												
Manhole No.	Cover Level (m)	Invert Level (m)	Depth to Invert (m)	Main Channel (mm)	Branches	Manhole Style	Manhole Type	Chamber Size (mm)	Min. Clear Opening (mm)	Cover Loading	Comment	Co-ordinates (mm) EastingNorthing
S1-1	65.100	63.645	1.455	225Ø	225Ø @ IL 63.645 In 1500 @ IL 63.720 In 1500 @ IL 63.720 In 225Ø @ IL 63.645 Out	PCC	TYPE B	1200Ø	600x600	C250	Recessed, Single Sealed and Lockable	384433452,401696354
S1-2-CP	65.325	63.525	1.800	225Ø	1500 @ IL 64.000 In 1500 @ IL 64.000 In 1500 @ IL 64.000 In 225Ø @ IL 63.975 Out	PCC	TYPE B	1200Ø	600x600	C250	Catchpit	384396312,401692538
S1-3	65.100	63.950	1.150	225Ø	1500 @ IL 64.025 In 1500 @ IL 64.025 In 225Ø @ IL 63.950 Out	PCC	TYPE B	1200Ø	600x600	C250	Recessed, Single Sealed and Lockable	384423688,401671519
S1-4	65.100	62.440	2.660	300Ø	1500 @ IL 62.440 In 1500 @ IL 62.515 In 1500 @ IL 62.515 In 300Ø @ IL 62.440 Out	PCC	TYPE B	1200Ø	600x600	C250	Recessed, Single Sealed and Lockable	384402819,401671697
S1-5	65.000	63.000	2.000	225Ø	1500 @ IL 63.300 In 1500 @ IL 63.300 In 225Ø @ IL 63.000 Out	PCC	TYPE B	1200Ø	600x600	C250	Recessed, Single Sealed and Lockable	384437001,401641386
S1-6	65.150	63.770	1.380	300Ø	1500 @ IL 63.840 In 1500 @ IL 63.840 In 1500 @ IL 63.840 In 1500 @ IL 63.850 In 300Ø @ IL 63.770 Out	PCC	TYPE B	1200Ø	600x600	FACTA AAA	Double sealed, recessed and lockable	384478187,401665669
S1-7	65.000	62.850	2.150	300Ø	300Ø @ IL 63.000 In 300Ø @ IL 62.850 Out	PCC	TYPE B	1200Ø	600x600	C250	Recessed, Single Sealed and Lockable	384453431,401629483
S1-8-CP	64.050	62.200	1.850	225Ø	1500 @ IL 62.675 In 1500 @ IL 62.675 In 1500 @ IL 62.675 In 225Ø @ IL 62.650 Out	PCC	TYPE B	1200Ø	600x600	D400	Catchpit	384471263,401606963
S1-9-NRV	64.500	62.350	2.150	225Ø	225Ø @ IL 62.350 In 225Ø @ IL 62.350 Out	PCC	TYPE B	1200Ø	600x600	D400	Non-return valve	384456725,401621777
S1-10	64.350	61.175	3.175	375Ø	375Ø @ IL 61.175 In 300Ø @ IL 61.250 In 375Ø @ IL 61.175 Out	PCC	TYPE B	1500Ø	600x600	D400	Connection from existing storm diversion - S2-3	384460577,401615400
S1-11	64.100	60.000	4.100	375Ø	375Ø @ IL 60.045 In 375Ø @ IL 60.000 Out	PCC	TYPE A1	1500Ø	600x600	C250	Recessed, Single Sealed and Lockable	384472720,401604458
S1-12	64.100	59.730	4.370	375Ø	375Ø @ IL 59.880 In 375Ø @ IL 59.730 Out	PCC	TYPE A1	1500Ø	600x600	B125	Built online of existing 375Ø pipe	384478744,401611742

EXISTING PRIVATE SURFACE WATER DIVERSION MANHOLE SCHEDULE												
Manhole No.	Cover Level (m)	Invert Level (m)	Depth to Invert (m)	Main Channel (mm)	Branches	Manhole Style	Manhole Type	Chamber Size (mm)	Min Clear Opening (mm)	Cover Loading	Comment	Co-ordinates (mm) EastingNorthing
S2-1	65.125	62.866	2.259	300Ø	300Ø @ IL 62.866 In 300Ø @ IL 62.866 In 300Ø @ IL 62.866 Out	PCC	TYPE B	1200Ø	600x600	C250	On line of existing - Recessed, Single Sealed and Lockable	384421800,401711509
S2-2	64.960	62.310	2.650	300Ø	300Ø @ IL 62.310 In 300Ø @ IL 62.310 Out	PCC	TYPE B	1200Ø	600x600	D400	-	384399026,401674888
S2-3	64.550	61.370	3.180	300Ø	300Ø @ IL 61.370 In 300Ø @ IL 61.370 Out	PCC	TYPE A1	1200Ø	600x600	D400	-	384451579,401619634

S2-4 NO LONGER IN USE

FINAL DESIGN ISSUE DRAWING NOTES

THE FINAL DESIGN ISSUE OF THIS DRAWING INCORPORATES REVISIONS AND CHANGES MADE TO THE CONSTRUCTION ISSUE DRAWING BASED ON INFORMATION RECEIVED BY OTHERS.

IT SHOULD BE NOTED THAT RAMBOLL DID NOT HAVE A PERMANENT SITE PRESENCE DURING THE CONSTRUCTION PERIOD TO VERIFY THAT THE BUILDING AND LANDSCAPING AREA WERE CONSTRUCTED IN ACCORDANCE WITH THIS DRAWING.

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THESE NOTES ARE BASED ON THE USE OF EXPERIENCED AND COMPETENT CONTRACTORS CARRYING OUT THE WORK USING AN APPROVED SAFE METHOD OF WORKING

KEY TO HEALTH AND SAFETY SYMBOLS

- INDICATES A RESIDUAL RISK REQUIRING A COMPULSORY ACTION
- INDICATES A RESIDUAL RISK FOR INFORMATION
- INDICATES A RESIDUAL RISK REQUIRING A PROHIBITIVE ACTION
- INDICATES A RESIDUAL RISK AS A WARNING

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- Notes
- DO NOT SCALE FROM THIS DRAWING.
 - ALL DIMENSIONS ARE MILLIMETRES U.N.O.
 - ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM U.N.O.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
 - PCC = PRE CAST CONCRETE
PPIC = POLYPROPYLENE INSPECTION CHAMBER
BD = BACKDROP
 - BRANCH CONNECTIONS OF DN150 OR LESS TO DISCHARGE INTO MAIN CHANNEL AT HALF PIPE LEVEL
 - BRANCH CONNECTIONS GREATER THAN DN150 TO BE SET LEVEL WITH SOFFIT OF MAIN DRAIN
 - MANHOLE CO-ORDINATES ARE REFERENCED TO CENTER OF MANHOLE
 - COVER LEVELS ARE APPROXIMATE AND SUBJECT TO CHANGE TO SUIT FINAL SITE LEVELS
 - MANHOLE TYPE BASED ON SEWER SECTOR GUIDANCE (SSG - FORMERLY SEWERS FOR ADOPTION)
 - REFER TO DRAWINGS RAM-ZZZ-XX-DR-D-51010, 51011 & 51012 FOR DETAILS OF EXISTING DRAINAGE TO BE REMOVED
 - REFER TO DRAWINGS RAM-B01-XX-DR-D-51101 & 51102 FOR PROPOSED DRAINAGE GA
 - REFER TO DRAWINGS RAMB01-XX-DR-D-51201 FOR DETAILS OF ADDITIONAL DRAINAGE SCHEDULES
 - REFER TO DRAWING SERIES RAM-B01-XX-DR-D-51400 FOR TYPICAL BELOW GROUND DRAINAGE DETAILS

F01	FINAL DESIGN INTENT	06/07 2023	SG GS	NM
Rev	Description	Date	By Chk	App

FINAL DESIGN INTENT

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PROPOSED DRAINAGE
SCHEDULES
SHEET 1

Project No:	Scale (@A1):	Drawn:	Date:
1620005164	NTS	CO	JUN 19
Drawing No:		Rev:	
LP44107-RAM-B01-XX-DR-D-51200		F01	