

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS & ARCHITECTS DRAWINGS FIGURED DIMENSIONS ONLY (NOT SCALING) TO BE USED. WHERE A CONFLICT OF INFORMATION EXISTS OR IF IN ANY DOUBT - 'ASK'.
- CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.

FOUL WATER ENTIRE SITE

SURFACE WATER SUBCATMENT 'A'

SURFACE WATER SUBCATMENT 'B'

SURFACE WATER SUBCATMENT 'C'

NEW FOUL DRAINAGE MANHOLE		
MANHOLE	COVER LEVEL	INVERT LEVEL
F1.0	+44.659	OUT: +43.300
F1.1	+44.420	IN FROM F1.0: +43.090 OUT: +43.090
F1.2	+44.277	IN FROM F1.1: +42.935 OUT: +42.935
F1.3	+44.459	IN FROM F1.2: +42.760 IN FROM F12.0: +43.000 OUT: +42.760
F1.4	+44.630	IN FROM F1.3: +42.645 OUT: +42.645
F1.4A	+44.832	IN FROM F1.4: +42.525 OUT: +42.525
F1.5	+44.918	IN FROM F3.1: +42.445 IN FROM F4.0: +42.177 IN FROM F1.4A: +42.460 OUT: +42.385
F1.6	+45.157	IN FROM F1.5: +42.000 OUT: +41.994
F1.7	+45.093	IN FROM F1.6: +41.802 IN FROM F5.1: +42.820 OUT: +41.802
F1.8	+45.065	IN FROM F1.7: +41.768 OUT: +41.768
F1.9	+44.963	IN FROM F6.4: +42.345 IN FROM F1.8: +41.660 OUT: +41.660
F1.10	+44.872	IN FROM F1.9: +41.572 OUT: +41.572
F1.11	+44.909	IN FROM F1.10: +41.450 OUT: +41.450
F1.12	+45.049	IN FROM F1.11: +41.356 OUT: +41.356
F1.13	+44.922	IN FROM F1.12: +41.171 IN FROM F7.4: +41.370 OUT: +41.171
F1.13A	+44.526	IN FROM F1.13: +40.821 IN FROM F8.5: +42.025 OUT: +40.821
F1.14	+44.334	IN FROM F1.13A: +40.726 OUT: +40.726
F1.15	+44.153	IN FROM F1.14: +40.674 IN FROM F9.1: +40.674 OUT: +40.674
F1.16	+43.980	IN FROM F1.15: +40.622 OUT: +40.622
F1.17	+43.831	IN FROM F1.16: +40.435 OUT: +40.435
F1.18	+43.733	IN FROM F1.17: +40.348 OUT: +40.094
F1.19	+43.528	IN FROM F1.18: +40.053 OUT: +40.053
F1.20	+43.441	IN FROM F1.19: +39.940 OUT: +39.940
F1.21	+43.407	IN FROM F1.20: +39.854 OUT: +39.854
F1.22	+43.000	IN FROM F1.21: +39.800
F1.23	+43.417	IN FROM : +41.628 OUT: +41.628
F1.24	+43.447	IN FROM F1.23: +41.245 OUT: +41.245
F1.25	+43.564	IN FROM F1.24: +40.980 OUT: +40.980
F1.26	+43.302	IN FROM F1.25: +40.590 OUT: +40.170
F1.27	+42.313	IN FROM F1.26: +39.440 OUT: +39.440
F1.28	+40.174	IN FROM F1.27: +38.580 OUT: +38.580
F1.29	+38.928	IN FROM F1.28: +37.655 IN FROM F10.3: +37.655 OUT: +37.655
F1.30	+39.006	IN FROM F1.29: +37.390
F3.0	+43.632	OUT: +43.000
F3.0A	+44.650	OUT: +43.000
F3.1	+44.777	IN FROM F3.0A: +42.820 IN FROM F3.0: +42.500 OUT: +42.500

NEW FOUL DRAINAGE MANHOLE		
MANHOLE	COVER LEVEL	INVERT LEVEL
F4.0	+45.322	OUT: +43.050
F5.0	+45.343	OUT: +43.500
F5.1	+45.386	IN FROM F5.0: +43.126 OUT: +43.126
F6.0	+44.582	OUT: +43.105
F6.1	+44.714	IN FROM F6.0: +42.830 OUT: +42.830
F6.2	+44.943	IN FROM F6.1: +42.645 OUT: +42.645
F6.3	+45.003	IN FROM F6.2: +42.575 OUT: +42.575
F6.4	+45.017	IN FROM F6.3: +42.430 OUT: +42.430
F7.0	+44.500	OUT: +42.700
F7.1	+44.656	IN FROM F7.0: +42.246 OUT: +42.246
F7.2	+45.333	IN FROM F7.1: +42.098 IN FROM F50.1: +42.830 OUT: +42.098
F7.2A	+44.926	IN FROM F7.2: +41.865 OUT: +41.865
F7.3	+44.964	IN FROM F7.2A: +41.840 OUT: +41.840
F7.4	+44.971	IN FROM F7.3: +41.555 OUT: +41.555
F8.0	+44.332	OUT: +43.400
F8.1	+44.244	IN FROM F8.0: +43.350 OUT: +43.350
F8.2	+44.591	IN FROM F8.1: +42.885 OUT: +42.885
F8.3	+44.708	IN FROM F8.2: +42.420 OUT: +42.420
F8.4	+44.787	IN FROM F8.3: +42.265 OUT: +42.265
F8.5	+44.787	IN FROM F8.4: +42.115 OUT: +42.115
F9.0	+43.323	OUT: +41.495
F9.1	+43.688	IN FROM F9.0: +41.109 OUT: +41.109
F10.0	+42.216	OUT: +41.500
F10.1	+42.923	IN FROM F10.0: +41.310 OUT: +41.495
F10.2	+41.307	IN FROM F20.1: +38.780 IN FROM F10.1: +40.675 OUT: +38.780
F10.3	+42.411	IN FROM F10.2: +38.705 OUT: +38.705
F11.0	+41.236	OUT: +39.810
F11.1	+41.521	IN FROM F11.0: +38.940 OUT: +38.940
F11.2	+41.400	IN FROM F11.1: +38.730 IN FROM F15.0: +38.730 OUT: +38.730
F11.3	+41.600	IN FROM F11.2: +38.655
F12.0	+43.702	OUT: +43.070
F15.0	+40.467	OUT: +38.815
F20.0	+43.825	OUT: +39.000
F20.1	+39.562	IN FROM F20.0: +38.930 OUT: +38.930
F50.0	+45.321	OUT: +43.050
F50.1	+45.335	IN FROM F50.0: +42.870 OUT: +42.870


NEW SURFACE WATER MANHOLE		
MANHOLE	COVER LEVEL	INVERT LEVEL
S01627219	+38.300	IN FROM SA1.18: +36.344
SA1.0	+43.598	OUT: +42.200
SA1.1	+43.839	IN FROM SA1.0: +41.715 IN FROM SA1.1S: +41.685 OUT: +41.685
SA1.1S	+43.880	OUT: +41.715
SA1.2	+44.135	IN FROM SA1.1: +41.398 OUT: +41.398
SA1.3	+43.950	IN FROM SA1.2: +41.280 IN FROM SA2.2: +42.153 OUT: +41.280
SA1.4	+43.632	IN FROM SA1.3: +40.942 OUT: +40.942
SA1.5	+43.759	IN FROM SA1.4: +40.728 OUT: +40.728
SA1.6	+43.618	IN FROM SA1.5: +40.562 IN FROM SA3.1: +40.562 OUT: +40.562
SA1.7	+43.398	IN FROM SA1.6: +40.354 OUT: +40.354
SA1.8	+43.747	IN FROM : +40.305 OUT: +40.305
SA1.9	+43.633	IN FROM SA1.8: +40.260 OUT: +38.850
SA1.10	+42.957	IN FROM SA1.9: +38.692 OUT: +38.692
SA1.11	+42.641	IN FROM SA1.10: +38.461 OUT: +38.461
SA1.12	+43.067	IN FROM SA1.11: +38.331 OUT: +38.331
SA1.13	+42.072	IN FROM SA1.12: +38.181 OUT: +38.181
SA1.14	+40.219	IN FROM SA1.13: +37.981 OUT: +37.981
SA1.15	+39.271	IN FROM SA1.14: +37.387 OUT: +37.387
SA1.16	+38.770	IN FROM SA1.15: +37.000 IN FROM SA4.9: +36.975 OUT: +36.975
SA1.17	+38.735	IN FROM SA1.16: +36.822 OUT: +36.822
SA1.18	+38.235	IN FROM SA1.17: +36.613 OUT: +36.613
SA2.0	+45.059	OUT: +43.226
SA2.1	+44.934	IN FROM SA2.0: +42.998 OUT: +42.998
SA2.2	+44.468	IN FROM SA2.1: +42.653 IN FROM SA5.0: +42.981 OUT: +42.581
SA3.0	+43.809	IN FROM : +40.775 OUT: +40.775
SA3.1	+43.723	IN FROM SA3.0: +40.735 OUT: +40.735
SA4.0	+43.524	OUT: +42.100
SA4.1	+43.411	IN FROM SA4.0: +41.835 IN FROM SA4.1S: +42.365 OUT: +41.835
SA4.1S	+43.410	OUT: +42.365
SA4.2	+42.639	IN FROM SA4.1: +41.336 OUT: +40.836
SA4.3	+42.776	IN FROM SA4.2: +40.794 OUT: +40.794
SA4.4	+42.947	IN FROM SA4.3: +40.730 OUT: +40.730
SA4.5	+43.240	IN FROM SA4.4: +40.572 OUT: +40.572
SA4.6	+43.129	IN FROM SA4.5: +40.351 OUT: +40.351
SA4.7	+43.335	IN FROM SA4.6: +40.332 OUT: +39.660
SA4.8	+41.697	IN FROM : +37.885 OUT: +37.885
SA4.9	+41.249	IN FROM SA4.8: +37.860 OUT: +37.550
SA5.0	+44.788	OUT: +43.200

NEW SURFACE WATER MANHOLE		
MANHOLE	COVER LEVEL	INVERT LEVEL
SB1.0	+44.607	OUT: +43.800
SB1.1	+44.927	IN FROM SB1.0: +43.744 OUT: +43.744
SB1.2	+44.973	IN FROM SB1.1: +43.462 IN FROM SB2.1: +43.462 OUT: +43.462
SB1.3	+45.159	IN FROM SB1.2: +43.357 OUT: +43.357
SB1.4	+45.117	IN FROM SB1.3: +43.290
SB1.5	+45.255	IN FROM SB3.1: +43.205 OUT: +43.205
SB1.6	+45.240	IN FROM SB1.5: +43.150 OUT: +43.150
SB1.7	+44.920	IN FROM : +43.100 OUT: +43.100
SB1.8	+45.056	IN FROM SB1.7: +42.854 IN FROM SB4.1: +42.790 OUT: +42.854
SB1.9	+44.971	IN FROM SB1.8: +42.815 OUT: +42.815
SB1.10	+44.770	IN FROM SB1.9: +42.770 OUT: +42.770
SB1.10a	+44.615	IN FROM SB1.10: +42.388 OUT: +42.388
SB1.11	+44.499	IN FROM SB1.10a: +42.225 IN FROM SB5.4: +42.557 OUT: +42.225
SB1.12	+43.368	IN FROM SB1.11: +42.115 OUT: +42.115
SB1.13	+44.263	IN FROM SB1.12: +42.075 OUT: +42.075
SB2.0	+44.958	OUT: +43.635
SB2.1	+45.009	IN FROM SB2.0: +43.597 OUT: +43.597
SB3.0	+45.286	OUT: +43.840
SB3.1	+45.286	IN FROM SB3.0: +43.625 IN FROM SB3.2: +43.290 OUT: +43.290
SB3.2	+45.286	OUT: +43.424
SB4.0	+45.150	OUT: +43.100
SB4.1	+45.150	OUT: +43.100
SB5.0	+45.151	OUT: +44.000
SB5.1	+45.094	IN FROM SB5.0: +43.535 OUT: +43.200
SB5.2	+45.104	IN FROM SB5.1: +43.100 OUT: +43.100
SB5.3	+44.656	IN FROM SB5.2: +43.000 OUT: +43.000
SB5.4	+44.501	IN FROM : +42.925 OUT: +42.650
SB6.0	+44.635	OUT: +43.445
SB6.1	+44.282	IN FROM SB6.0: +43.395 OUT: +43.395
SB6.2	+43.837	IN FROM SB6.1: +43.275
SB6.3	+43.957	IN FROM : +43.225 OUT: +43.225
SB7.0	+0.000	
SB7.1	+43.700	OUT: +42.060
SB7.2	+43.700	OUT: +42.010
SB9.0	+44.650	OUT: +43.400
SB9.1	+44.800	IN FROM SB9.0: +43.275 OUT: +43.275

NEW SURFACE WATER MANHOLE		
MANHOLE	COVER LEVEL	INVERT LEVEL
'OUT1'	+0.000	
'OUT4'	+40.150	IN FROM SC1.5: +38.600
SC1.0	+41.319	OUT: +39.740
SC1.1	+41.258	IN FROM SC1.0: +39.670 OUT: +39.670
SC1.2	+41.466	IN FROM SC1.1: +39.405 IN FROM SC3.2: +39.965 OUT: +39.405
SC1.3	+41.538	IN FROM SC1.2: +39.360 IN FROM SC2.2: +40.100 OUT: +39.360
SC1.4	+41.340	IN FROM SC1.3: +39.315 OUT: +39.315
SC1.5	+41.400	IN FROM : +38.695 OUT: +38.695
SC2.0	+43.632	OUT: +42.150
SC2.1	+43.097	IN FROM SC2.0: +41.620 OUT: +41.620
SC2.2	+41.858	IN FROM SC2.1: +40.380 OUT: +40.380
SC3.0	+41.300	OUT: +40.400
SC3.1	+41.212	IN FROM SC3.0: +40.250 IN FROM SC4.0: +40.250 OUT: +40.250
SC3.2	+41.551	OUT: +40.165
SC4.0	+41.300	OUT: +40.400

MAIN DRAINAGE MANHOLE SCHEDULE

SCALE @ A1: 1:500
SCALE @ A3: 1:1000

P5	05.09.24	ISSUED FOR PLANNING	WK
P4	01.08.24	SURFACE WATER AUDIT ISSUE	WK
P3	10.07.24	ISSUED TO LDA FOR COMMENT	WK
P2	17.06.24	ISSUED TO UIJSC EIREANN	WK
P1	06.06.24	ISSUED FOR COMMENT	WK
ISSUE	DATE	DESCRIPTION	BY
Project Engineer: Peter O'Dwyer		Project Director: John Considine	
BM STAGE			
PLANNING			
BM		Dublin Office: Sandwith House, 52-54 Lower Sandwith Street, Dublin 2, Ireland. Tel: (01) 677 3200 Fax: (01) 677 3154 London Office: 5th Floor, Mill House, 8 Mill Street, London SE1 2BA, United Kingdom Tel: (0044) 20 3750 3530 Consulting Engineers, Civil / Structural / Project Management. E-mail: bmce@bmce.ie Web: www.bmce.ie	
			
APPLICANT			
DÚN LAOGHAIRE-RATHDOWN COUNTY COUNCIL			
AGENT			
LAND DEVELOPMENT AGENCY			
PROJECT TITLE		BM PROJECT No.	
PROPOSED PART 10 RESIDENTIAL DEVELOPMENT, DUNDRUM CENTRAL DEVELOPMENT, DUNDRUM ROAD, DUBLIN 14.		20.170	
MODEL REFERENCE	SUITABILITY	REVISION	
DCD-BMD-00-00-DR-C-DRAINAGE			
DRAWING TITLE			
MAIN DRAINAGE MANHOLE SCHEDULE			
DWG DRAWING REFERENCE	STATUS	REVISION	
DCD-BMD-00-00-DR-C-11023		P5	