			1								STORM NE	TWORK 1 - N	MANHOLE SCHEDULE				
						Pipe Out				Pipe In		+			Dina		
MH#	CL (m)	Depth to	MH Dia.	Pipe#	IL (m)	Ø (mm)	L(m)	Grad (1:x)	Pipe#	IL (m)	Ø (mm)	B.drop	MH Type	Cover Type/ Grade / Size	Pipe surround		Notes
IVII I #	CL (III)	Invert (m)	Will Dia.	ripe #	'[(''')	• (111111)	L (111 <i>)</i>	Grau (1.x)	ripe #	12 (111)	(111111)	(mm)	wiii Type	Cover Type/ Grade / Size	Type		Notes
L-1/01	75.736	1.350	1200	1.000	74.386	150	55.899	102.9		+		+	Type A	D400/675x675mm	Class T		
-1/02	75.750	1.982	1200	1.001	73.768	225	30.175	74.9	1.000	73.843	150		Type A	D400/675x675mm	Class T		
-2/01	75.500	1.350	1200	2.000	74.150	225	51.511	103		75.5.5		+ +	Type A	D400/675x675mm/Recessed	Class T		
-2/02	75.500	1.925	1200	2.001	73.575	225	87.382	137.2	2.000	73.650	225	75	Type A	D400/675x675mm/Recessed	Class T		
-3/01	75.500	1.425	1200	3.000	74.075	300	84.381	149.9		10.000		<del>                                     </del>	Type A	D400/675x675mm/Recessed	Class T		
L-3/02	75.500	1.988	1200	3.001	73.512	300	53.312	150.2	3.000	73.512	300		Type A	D400/675x675mm/Recessed	Class T		
1-3/03	75.475	2.318	1200	3.002	73.157	300	44.032	149.8	3.001	73.157	300		Type A	D400/675x675mm/Recessed	Class T		
1-2/03	75.500	2.712	1350	2.002	72.788	375	14.415	150.2	2.001	72.938	225		Type A	D400/675x675mm/Recessed	Class T		
									3.002	72.863	300		. 7 F =				
1-2/04	75.500	2.808	1350	2.003	72.692	375	26.678	149.9	2.002	72.692	375		Type A	D400/675x675mm	Class T		
1-1/03	74.790	2.276	1350	1.002	72.514	375	35.038	149.7	1.001	73.365	225	701	Type A	D400/675x675mm	Class T		
									2.003	72.514	375		, i	,			
-1/04	73.924	1.644	1350	1.003	72.280	375	24.148	22.5	1.002	72.280	375	1 1	Type A	D400/675x675mm	Class T		
-4/01	75.581	1.500	1200	4.000	74.081	300	48	101.5					Type A	D400/675x675mm	Class T		
L-4/02	75.108	1.500	1200	4.001	73.608	300	55.632	23.9	4.000	73.608	300		Type A	D400/675x675mm	Class T		
tenuatio	on Tank (Pol	ystorm Extra	a (PSM3) or	Similar App	oroved) - Tar	nk Depth 1.0	)5m (5 laye	ers of 0.21m c	reates) - Mi	nimum Tank	ς Volume ο	f 475m3	Impermeable I	Membrane required around tank includ	ing all granular f	fill surround to specificatio	n required by the supplier
1/05	72.783	1.575	1350	1.004	71.208	375	21.464	21.2	1.003	71.208	375		Туре А	D400/675x675mm	Class T	MD-SHE-0359-8000-10	amber - Unit reference 00-8000 (Hydro International) flow Q - 80I/s.
																<del>-</del>	n head - 1.0m
						<u> </u>			4.001	71.283	300				1		
1/06	71.771	1.650	1350	1.005	70.121	375	21.358	29.7	1.004	70.196	375	75	Type A	D400/675x675mm	Class T		
-1/07	71.052	1.725	1350	1.006	69.327	450	6.629	150.7	1.005	69.402	375	+	Type A	D400/675x675mm	Class T		
-5/01	71.009	1.350	1200	5.000	69.659	150	37.474	103	<u> </u>	<u> </u>		+	Type A	D400/675x675mm	Class T		
-5/02	71.026	1.806	1200	5.001	69.220	225	37.527	150.1	5.000	69.295	150	+	Type A	D400/675x675mm	Class T		
-5/03	71.055	2.085	1200	5.002	68.970	225	29.684	149.9	5.001	68.970	225	+	Type A	D400/675x675mm	Class T		
5/04	71.025	2.253	1200	5.003	68.772	225	29.327	149.6	5.002	68.772	225		Type A	D400/675x675mm	Class T		
1/08	71.035	2.759	1500	1.007	68.276	525	29.032	149.6	1.006	69.283	450	932	Type A	D400/675x675mm	Class T		
						$\longrightarrow$	<del></del>		5.003	68.576	225	+					
L-1/09	70.920	2.838	1500	1.008	68.082	525	29.979	149.9	1.007	68.082	525	+	Type A	D400/675x675mm	Class T		
-1/10	70.992	3.110	1500	1.009	67.882	525	5.748	151.3	1.008	67.882	525		Type A	D400/675x675mm/Recessed	Class T		
-1/11	70.897	3.053	1500	1.010	67.844	525	38.132	150.1	1.009	67.844	525	+	Type B	D400/675x675mm/Recessed	Class T		
-1/12	70.611	3.021	1500	1.011	67.590	525	19.446	149.6	1.010	67.590	525		Type B	D400/675x675mm/Recessed	Class T		
-6/01	71.000	1.425	1200	6.000	69.575	300	37.116	150.3	<del> </del>	<b></b> '		+	Type A	D400/675x675mm	Class T		
-6/02	71.000	1.747	1200	6.001	69.253	300	37.117	150.3	6.000	69.328	300	75	Type A	D400/675x675mm	Class T		
6/03	71.000	1.994	1200	6.002	69.006	300	6.3	150	6.001	69.006	300	$\perp$	Type A	D400/675x675mm	Class T		
-6/04	71.000	2.111	1350	6.003	68.889	375	29.971	149.9	6.002	68.964	300	$\perp \perp \perp$	Type A	D400/675x675mm	Class T		
-6/05	71.000	2.311	1350	6.004	68.689	375	19.972	150.2	6.003	68.689	375		Type A	D400/675x675mm	Class T		
			-						· · ·			upon schen	ne development				
6/06	71.000	2.444	1350	6.005	68.556	375	24.665	150.4	6.004	68.556	375	$\perp$	Type A	D400/675x675mm	Class T		
-6/07	71.000	2.608	1350	6.006	68.392	375	5.721	150.6	6.005	68.392	375		Type A	D400/675x675mm	Class T		
6/08	71.000	2.646	1350	6.007	68.354	375	11.904	150.7	6.006	68.354	375		Type A	D400/675x675mm	Class T		
6/09	70.971	2.696	1350	6.008	68.275	375	26.071	149.8	6.007	68.275	375		Type A	D400/675x675mm	Class T		
6/10	70.961	2.860	1350	6.009	68.101	375	26.072	149.8	6.008	68.101	375		Type A	D400/675x675mm	Class T		
7/01	71.000	1.425	1200	7.000	69.575	225	18.858	149.7					Type A	D400/675x675mm/Recessed	Class T		
6/11	70.948	3.021	1350	6.010	67.927	375	20.606	65	6.009	67.927	375		Type B	D400/675x675mm/Recessed	Class T		
									7.000	69.449	225	1372	<u> </u>				
-1/13	70.669	3.284	1500	1.012	67.385	600	5.035	148.1	1.011	67.460	525		Type B	D400/675x675mm/Recessed	Class T		
									6.010	67.610	375						
-8/01	71.180	1.350	1200	8.000	69.830	150	31.472	102.8			Ĺ		Type A	D400/675x675mm	Class T		
1-8/02	70.956	1.507	1200	8.001	69.449	225	43.103	150.2	8.000	69.524	150		Type A	D400/675x675mm	Class T		
-8/03	70.825	1.663	1200	8.002	69.162	225	27.464	150	8.001	69.162	225		Type A	D400/675x675mm	Class T		
							•	ers of 0.21m c	•	1	•	f 430m3		ane / Geotextile required around tank in		ular fill surround to specifi	cation required by the supplier
																Hvdrobrake Ch	amber - Unit reference
-1/14	70.407	3.056	1500	1.013	67.351	600	11.942	149.3	1.012	67.351	600		Туре В	D400/675x675mm/Recessed	Class T	MD-SHE-0359-1000-10 Design	100-1000 (Hydro International) flow Q - 100l/s. n head - 1.0m
	1								8.002	68.979	225	1253					
								100	,	T	$\overline{}$	T -	Type A	D400/675x675mm	Class T		

# TES

- This drawing should be read in conjunction with Proposed
- Drainage Layout Drawings
  Invert levels of catchpit chambers shown denote invert
  levels of the lowest pipe and do not include for catchpit sump depth.
- Proposed cover levels and manhole depths indicated are indicative only and subject to change following design development.
- All cover levels to be taken from proposed levels drawing if discrepancies occur.

PLANNING an County Council an Regional Sports Campus posed Storm Manhole Schedule et 1 of 5 NTS

**McAdam** 

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27/02/2024

Issued By

Design Project Number: A2156

Drawing No. CRSP-MCA-00-00-DR-C-2200

All dimensions are in millimetres. Figured dimensions to be taken in preference to scale dimen Dimensions to be checked onsite. © 2021 McAdam Design Ltd.

1-9/01	67.351		600		Туре В	D400/675x675mm/Recessed	Class T	Hydrobrake Chamber - Unit reference MD-SHE-0359-1000-1000-1000 (Hydro International) Design flow Q - 100l/s. Design head - 1.0m
1-9/02	68.979	8.002 68.979	225	1253				
1-9/03					Type A	D400/675x675mm	Class T	
1-1/15	69.806	9.000 69.806	375	75	Type A	D400/675x675mm	Class T	
1-1/16 68.595 1.800 1500 1.015 66.795 600 56.811 20.8 1.014 1.1/17 65.868 1.800 1500 1.016 64.068 600 18.481 20.8 1.014 1.1/18 63.000 1.875 1800 1.017 61.125 900 34.921 301 1.016 1.10/01 65.784 1.350 1200 10.000 64.434 225 30.005 103.1 1.10/02 65.793 1.725 1200 10.001 64.068 225 55.355 150 10.000 1.10/03 65.880 2.181 1200 10.002 63.699 225 13.756 149.5 10.001 1.10/04 65.677 2.070 1200 10.003 63.607 225 19.047 150 10.002 1.10/05 65.327 1.847 1200 10.004 64.088 225 39.165 98.9 1.10/05 65.327 1.847 1200 10.004 63.480 225 16 149.5 10.003 1.10/05 65.327 1.847 1200 10.004 63.480 225 16 149.5 10.003 1.10/00 68.572 1.350 1200 10.004 66.994 225 10.221 10.001 1.10/00 68.572 1.350 1200 12.000 67.222 150 15.717 102.7 1.12/02 68.465 1.471 1200 12.000 67.222 150 15.717 102.7 1.12/02 68.465 1.471 1200 12.001 66.994 225 6.253 148.9 12.000 1.12/04 68.435 1.583 1200 12.003 66.884 225 10.221 150.3 12.001 1.12/04 68.435 1.551 1200 12.003 66.884 225 13.656 89.8 12.002 1.12/05 68.157 1.425 1200 12.003 66.884 225 13.656 89.8 12.002 1.12/06 68.414 1.880 1200 12.003 66.884 225 13.656 89.8 12.002 1.12/06 68.414 1.880 1200 12.003 66.343 225 13.656 89.8 12.002 1.12/06 68.414 1.880 1200 12.005 66.337 225 13.656 89.8 12.002 1.12/08 66.851 1.475 1200 12.003 66.337 225 36.971 39.7 12.006 1.12/09 66.851 1.425 1200 12.003 66.337 225 36.971 39.7 12.006 1.12/09 66.851 1.425 1200 12.003 66.337 225 36.971 39.7 12.006 1.12/09 66.851 1.425 1200 12.007 66.337 225 36.971 39.7 12.006 1.12/10 65.936 1.425 1200 12.007 66.337 225 36.971 40.4 12.007 1.12/10 65.936 1.425 1200 12.007 66.337 225 36.971 40.4 12.007 1.12/09 64.527 1.500 12.003 63.23 375 39.164 87 12.009 1.12/09 64.527 1.500 12.003 63.23 375 39.164 87 12.009 1.12/09 64.527 1.500 12.005 65.349 300 16 59 10.004 1.12/10 65.936 1.425 1200 12.006 66.433 235 375 39.164 87 12.009 1.12/09 64.527 1.500 12.007 66.537 225 36.971 39.7 12.006 1.12/10 65.936 1.425 1200 12.007 66.537 225 33.154 99.1 1.12/10 65.936 1.425 1200 12.007 66.537 225 33.155 98.9 12.010 63.07 300 16 40 10.005 13.000 63.07 300 16 40 10.0	68.699	9.001 68.699	375		Type A	D400/675x675mm	Class T	
1-1/16 68.595 1.800 1500 1.015 66.795 600 56.811 20.8 1.014 1-1/17 65.868 1.800 1500 1.016 64.068 600 18.481 6.8 1.015 1-1/18 63.000 1.875 1800 1.017 61.125 900 34.921 3.01 1.016 1-10/01 65.784 1.350 1200 10.000 64.434 225 30.005 103.1 1-10/02 65.793 1.725 1200 10.001 64.068 225 55.355 150 10.000 1-10/03 65.880 2.181 1200 10.002 63.699 225 13.756 149.5 10.001 1-10/04 65.677 2.070 1200 10.003 63.607 225 19.047 150 10.002 1-11/01 65.723 1.425 1200 11.000 64.298 225 39.165 98.9 1-10/05 65.327 1.847 1200 10.004 63.480 225 16 149.5 10.003 1-12/01 68.572 1.350 1200 12.000 67.222 150 15.717 102.7 1-12/02 68.465 1.471 1200 12.001 66.994 225 6.253 148.9 12.000 1-12/03 68.535 1.583 1200 12.001 66.994 225 6.253 148.9 12.000 1-12/03 68.535 1.583 1200 12.002 66.952 225 10.221 150.3 12.001 1-12/05 68.465 1.471 1200 12.001 66.994 225 13.656 89.8 12.002 1-12/05 68.451 1.425 1200 12.003 66.584 225 13.656 89.8 12.002 1-12/06 68.414 1.880 1200 12.003 66.534 225 13.656 89.8 12.002 1-12/07 68.220 1.777 1200 12.005 66.534 225 13.656 189.8 12.002 1-12/07 68.220 1.777 1200 12.005 66.534 225 13.656 189.8 12.002 1-12/07 68.220 1.777 1200 12.005 66.534 225 13.656 189.8 12.002 1-12/07 68.230 1.500 13.00 12.007 66.357 225 36.971 40.4 12.007 1-12/09 66.851 1.425 1200 12.007 66.357 225 36.971 40.4 12.007 1-12/09 66.851 1.425 1200 12.008 65.426 225 36.971 40.4 12.007 1-12/10 65.936 1.425 1200 12.008 65.426 225 36.971 40.4 12.007 1-12/10 65.936 1.425 1200 12.009 64.511 225 35.175 57.4 12.008 1-12/09 64.527 1.500 1200 13.000 63.72 25 39.154 99.1 1-10/07 64.523 1.550 1350 1200 14.000 63.73 150 39.165 98.9 1-10/08 64.127 1.575 1350 10.007 62.552 375 5.738 108.3 10.007  Attenuation Tank (Polystorm Extra (PSM3) or Similar Approved) - Tank Depth 1.05m (5 layers of 0.21m creates) - Mi	67.271	1.013 67.271	600		Type A	D400/675x675mm/Recessed	Class T	
1-1/17	68.431	9.002 68.431	375	935				
1-1/18 63.000 1.875 1800 1.017 61.125 900 34.921 301 1.016 1-10/01 65.784 1.350 1200 10.000 64.434 225 30.005 103.1 1-10/02 65.793 1.725 1200 10.001 64.068 225 55.355 150 10.000 1-10/03 65.880 2.181 1200 10.002 63.699 225 13.756 149.5 10.001 1-10/04 65.677 2.070 1200 10.003 63.607 225 19.047 150 10.002 1-11/01 65.723 1.425 1200 11.000 64.298 225 39.165 98.9 1-10/05 65.327 1.847 1200 10.004 63.480 225 16 149.5 10.003 1-12/01 68.572 1.350 1200 12.000 67.222 150 15.717 102.7 1-12/02 68.465 1.471 1200 12.000 67.222 150 15.717 102.7 1-12/03 68.535 1.583 1200 12.001 66.994 225 6.253 148.9 12.000 1-12/04 68.435 1.551 1200 12.003 66.894 225 10.221 150.3 12.001 1-12/06 68.414 1.880 1200 12.003 66.884 225 13.656 89.8 12.002 1-12/06 68.414 1.880 1200 12.005 66.534 225 13.626 149.7 12.003 1-12/07 68.220 1.777 1200 12.005 66.534 225 13.626 149.7 12.004 1-12/08 67.818 1.461 1200 12.007 66.357 225 36.971 39.7 12.006 1-12/09 66.851 1.425 1200 12.008 65.426 225 36.971 39.7 12.006 1-12/10 65.936 1.425 1200 12.009 64.511 225 35.175 57.4 12.008 1-12/10 65.936 1.425 1200 12.009 64.511 225 35.175 57.4 12.008 1-12/10 64.927 1.525 1350 1200 13.000 63.823 375 39.164 87 12.009 1-14/07 64.527 1.500 1200 13.000 63.572 225 39.154 99.1 1-10/07 64.527 1.500 1200 13.000 63.572 225 39.154 99.1 1-10/08 64.127 1.575 1350 10.007 62.552 375 5.738 108.3 10.006 1-14/09 64.527 1.500 1200 13.000 63.572 225 375 57.8 108.3 10.007  Attenuation Tank (Polystorm Extra (PSM3) or Similar Approved) - Tank Depth 1.05m (5 layers of 0.21m creates) - Mi	66.795	1.014 66.795	600		Type A	D400/675x675mm/Recessed		
1-10/01 65.784 1.350 1200 10.000 64.434 225 30.005 103.1 1.10/02 65.793 1.725 1200 10.001 64.068 225 55.355 150 10.000 1.10/03 65.880 2.181 1200 10.002 63.699 225 13.756 149.5 10.001 1.10/04 65.677 2.070 1200 10.003 63.607 225 19.407 150 10.002 1.10/05 65.673 1.425 1200 11.000 64.298 225 39.165 98.9 1.10/05 65.327 1.847 1200 10.004 63.480 225 16 149.5 10.003 1.10/05 65.327 1.847 1200 10.004 63.480 225 16 149.5 10.003 1.10/05 65.327 1.847 1200 12.000 67.222 150 15.717 102.7 1.12/02 68.465 1.471 1200 12.001 66.994 225 6.253 148.9 12.000 1.12/03 68.535 1.583 1200 12.001 66.994 225 6.253 148.9 12.000 1.12/04 68.435 1.551 1200 12.003 66.884 225 13.656 89.8 12.002 1.12/04 68.435 1.551 1200 12.004 66.732 225 29.705 150 12.003 1.12/06 68.157 1.425 1200 12.003 66.884 225 13.656 89.8 12.002 1.12/06 68.414 1.880 1200 12.005 66.534 225 29.705 150 12.003 1.12/07 68.220 1.777 1200 12.006 66.443 225 12.951 150.6 12.005 1.12/09 66.8515 1.425 1200 12.006 66.443 225 12.951 150.6 12.005 1.12/09 66.851 1.425 1200 12.006 66.443 225 12.951 150.6 12.005 1.12/09 66.851 1.425 1200 12.006 66.451 225 36.971 39.7 12.006 1.12/09 66.851 1.425 1200 12.008 65.426 225 36.971 39.7 12.006 1.12/09 66.851 1.425 1200 12.008 65.426 225 36.971 40.4 12.007 1.12/10 65.936 1.425 1200 12.008 65.426 225 36.971 40.4 12.007 1.12/11 65.323 1.500 1350 12.010 63.823 375 39.164 87 12.009 1.10/06 64.927 1.629 1350 10.005 63.298 300 16 59 10.004 12.001 12.007 64.527 1.500 12.00 13.000 63.723 225 39.154 99.1 12.010 1.13/01 64.922 1.350 1200 13.000 63.723 225 39.154 99.1 12.010 1.13/01 64.922 1.350 1200 13.000 63.723 255 375 5.738 108.3 10.006 1.10/09 64.074 1.575 1350 10.007 62.552 375 5.738 108.3 10.007 14.000 63.173 150 39.165 98.9 11.0006 13.000 63.027 300 16 40 10.005 13.000 63.027 300 16 40 10.005 13.000 63.027 300 16 40 10.005 13.000 64.027 1.000 12.000 64.000 63.173 150 39.165 98.9 10.004 14.000 63.173 150 39.165 98.9 10.004 14.000 63.173 150 39.165 98.9 10.004 14.000 63.173 150 39.165 98.9 10.004 14.000 63.000 10.006 63.000 375 375 5.738 108.3 10.007 14.00	64.068	1.015 64.068	600		Type A	D400/675x675mm	Class T	
1-10/02 65.793 1.725 1200 10.001 64.068 225 55.355 150 10.000 1.10/03 65.880 2.181 1200 10.002 63.699 225 13.756 149.5 10.001 1.10/04 65.677 2.070 1200 10.003 63.607 225 19.047 150 10.002 1.11/01 65.723 1.425 1200 11.000 64.298 225 39.165 98.9 1.10/05 65.327 1.847 1200 10.004 63.480 225 16 149.5 10.003 1.10/00 68.572 1.350 1200 12.000 67.222 150 15.717 102.7 11.000 1.12/01 68.572 1.350 1200 12.000 66.994 225 6.253 148.9 12.000 1.12/02 66.994 225 6.253 148.9 12.000 1.12/03 68.535 1.583 1200 12.002 66.994 225 6.253 148.9 12.000 1.12/04 68.435 1.551 1200 12.003 66.884 225 13.656 89.8 12.002 1.12/05 68.157 1.425 1200 12.004 66.732 225 29.705 150 12.003 1.12/06 68.414 1.880 1200 12.005 66.534 225 13.626 149.7 12.004 1.12/07 68.220 1.777 1200 12.006 66.443 225 13.626 149.7 12.004 1.12/07 68.220 1.777 1200 12.006 66.443 225 12.051 150.6 12.005 1.12/09 66.851 1.425 1200 12.007 66.357 225 36.971 39.7 12.006 1.12/09 66.851 1.425 1200 12.008 65.426 225 36.971 40.4 12.007 1.12/10 65.936 1.425 1200 12.008 65.426 225 36.971 40.4 12.007 1.12/10 65.936 1.425 1200 12.008 65.426 225 36.971 40.4 12.007 1.12/10 65.936 1.425 1200 12.008 65.426 225 36.971 40.4 12.007 1.12/10 65.323 1.500 1350 12.010 63.298 300 16 59 10.005 1.10/06 64.927 1.629 1350 10.005 63.298 300 16 59 10.005 1.10/06 64.927 1.629 1350 10.005 63.298 300 16 59 10.005 1.10/07 64.527 1.500 1200 10.006 63.027 300 16 40 10.005 13.000 1.10/07 64.527 1.500 1200 10.006 63.027 300 16 40 10.005 13.000 1.10/07 64.527 1.500 1200 10.006 63.027 300 16 40 10.005 13.000 1.10/09 64.074 1.575 1350 10.007 62.552 375 5.738 108.3 10.007 13.000 1.10/09 64.074 1.575 1350 10.008 62.499 375 50.783 103 10.006 14.000 63.027 300 16 40.005 13.000 14.000 63.027 300 16 40.005 13.000 14.000 63.027 300 16 40.005 13.000 14.000 63.027 300 16 40.005 13.000 14.000 63.027 300 16 40.005 13.000 14.000 63.027 300 16 40.005 13.000 14.000 63.027 300 16 40.005 13.000 14.000 63.027 300 16 40.005 13.000 14.000 63.027 300 16 40.005 13.000 14.000 63.027 300 16 40.005 13.000 14.000 63.027 300 16 40.005 13.000 14	61.350	1.016 61.350	600		Type A	D400/675x675mm	Class T	
1-10/03 65.880 2.181 1200 10.002 63.699 225 13.756 149.5 10.001 1-10/04 65.677 2.070 1200 10.003 63.607 225 19.047 150 10.002 1-11/01 65.723 1.425 1200 11.000 64.298 225 39.165 98.9 1-10/05 65.327 1.847 1200 10.004 63.480 225 16 149.5 10.003 1-12/01 68.572 1.350 1200 12.000 67.222 150 15.717 102.7 1-12/02 68.465 1.471 1200 12.001 66.994 225 6.253 148.9 12.000 1-12/03 68.535 1.583 1200 12.002 66.994 225 6.253 148.9 12.000 1-12/04 68.435 1.551 1200 12.003 66.884 225 13.656 89.8.8 12.002 1-12/05 68.157 1.425 1200 12.003 66.884 225 13.656 149.7 12.003 1-12/06 68.414 1.880 1200 12.004 66.732 225 225 10.221 150. 12.003 1-12/07 68.220 1.777 1200 12.005 66.534 225 13.656 149.7 12.004 1-12/08 67.818 1.461 1200 12.007 66.357 225 36.971 39.7 12.005 1-12/09 66.851 1.425 1200 12.008 65.426 225 36.971 39.7 12.006 1-12/10 65.936 1.425 1200 12.008 65.426 225 36.971 39.7 12.006 1-12/10 65.333 1.500 1350 12.003 63.823 375 39.164 87 12.009 1-10/06 64.927 1.629 1350 10.005 63.298 300 16 59 10.004 1-13/01 64.523 1.350 1200 13.000 63.572 225 39.154 99.1 1-10/08 64.127 1.575 1350 10.007 62.552 375 5.738 108.3 10.005 1-14/10 64.523 1.350 1200 14.000 63.173 150 39.165 98.9 1-10/08 64.127 1.575 1350 10.007 62.552 375 5.738 108.3 10.006 1-10/09 64.074 1.575 1350 10.008 62.499 375 50.783 103 10.007					Type A	D400/675x675mm	Class T	
1-10/04 65.677 2.070 1200 10.003 63.607 225 19.047 150 10.002 1-11/01 65.723 1.425 1200 11.000 64.298 225 39.165 98.9 1-10/05 65.327 1.847 1200 10.004 63.480 225 16 149.5 10.003 11.000 1-12/01 68.572 1.350 1200 12.000 67.222 150 15.717 102.7 1.000 1.12/02 68.465 1.471 1200 12.001 66.994 225 6.253 148.9 12.000 1.12/03 68.535 1.583 1200 12.002 66.952 225 10.221 150.3 12.001 1.12/04 68.435 1.551 1200 12.003 66.884 225 13.656 89.8 12.002 1.12/05 68.157 1.425 1200 12.003 66.884 225 13.656 89.8 12.002 1.12/06 68.414 1.880 1200 12.005 66.534 225 13.626 149.7 12.004 1.12/07 68.200 1.777 1200 12.006 66.443 225 12.951 150.6 12.005 1.12/08 67.818 1.461 1200 12.007 66.357 225 36.971 39.7 12.006 1.12/09 66.851 1.425 1200 12.008 65.426 225 36.971 39.7 12.006 1.12/10 65.936 1.425 1200 12.008 65.426 225 36.971 40.4 12.007 1.12/10 65.936 1.425 1200 12.009 64.511 225 35.175 57.4 12.008 1.12/10 65.323 1.500 1350 12.001 63.823 375 39.164 87 12.009 1.12/06 64.927 1.629 1350 10.005 63.298 300 16 59 10.004 12.010 1.13/01 64.922 1.350 1200 13.000 63.572 225 39.154 99.1 1.10/06 64.527 1.500 1200 10.006 63.027 300 16 40 10.005 13.000 1.14/01 64.523 1.350 1200 14.000 63.173 150 39.165 98.9 1.10/06 64.927 1.575 1350 10.007 62.552 375 5.738 108.3 10.006 11.006 64.007 1.575 1350 10.007 62.552 375 5.738 108.3 10.006 11.006 64.007 1.575 1350 10.008 62.499 375 50.783 108.3 10.006 14.000 63.173 150 39.165 98.9 1.10/09 64.074 1.575 1350 10.008 62.499 375 50.783 108.3 10.006 14.000 63.173 150 39.165 98.9 1.10/09 64.074 1.575 1350 10.008 62.499 375 50.783 108.3 10.006 14.000 63.173 150 39.165 98.9 1.10/09 64.074 1.575 1350 10.008 62.499 375 50.783 108.3 10.006 14.000 63.007 62.552 375 5.738 108.3 10.006 14.000 63.007 62.552 375 5.738 108.3 10.006 14.000 63.007 62.552 375 5.738 108.3 10.006 14.000 63.007 62.552 375 5.738 108.3 10.006 14.000 63.007 62.552 375 5.738 108.3 10.006 14.000 63.007 62.552 375 5.738 108.3 10.006 14.000 63.007 62.552 375 5.738 108.3 10.006 14.000 63.007 62.552 375 5.738 108.3 10.006 62.499 375 50.788 10.007 62.550 30.007 62.	64.143	10.000 64.143	225	75	Type A	D400/675x675mm	Class T	
1-11/01 65.723 1.425 1200 11.000 64.298 225 39.165 98.9   1-10/05 65.327 1.847 1200 10.004 63.480 225 16 149.5 10.003   11.000	63.699	10.001 63.699	225		Type A	D400/675x675mm	Class T	
1-10/05   65.327   1.847   1200   10.004   63.480   225   16   149.5   10.003   11.000   1.12/01   68.572   1.350   1200   12.000   67.222   150   15.717   102.7   1.12/02   68.465   1.471   1200   12.001   66.994   225   6.253   148.9   12.000   1.12/03   68.535   1.583   1200   12.002   66.952   225   10.221   150.3   12.001   1.12/04   68.435   1.551   1200   12.003   66.884   225   13.656   89.8   12.002   1.12/05   68.157   1.425   1200   12.004   66.732   225   29.705   150   12.003   1.12/06   68.414   1.880   1200   12.005   66.534   225   13.626   149.7   12.004   1.12/07   68.220   1.777   1200   12.006   66.433   225   12.951   150.6   12.005   1.12/08   67.818   1.461   1200   12.007   66.357   225   36.971   39.7   12.006   1.12/09   66.851   1.425   1200   12.008   65.426   225   36.971   39.7   12.006   1.12/10   65.936   1.425   1200   12.009   64.511   225   35.175   57.4   12.008   1.12/11   65.323   1.500   1350   12.010   63.823   375   39.164   87   12.009   1.10/06   64.927   1.629   1350   10.005   63.298   300   16   59   10.004   12.010   1.13/01   64.922   1.350   1200   13.000   63.572   225   39.154   99.1   1.2010   1.14/01   64.523   1.350   1200   14.000   63.173   150   39.165   98.9   1.10/07   64.527   1.500   1200   10.006   63.027   300   16   40   10.005   13.000   1.14/01   64.523   1.350   1200   14.000   63.173   150   39.165   98.9   1.10/09   64.074   1.575   1350   10.007   62.552   375   5.738   108.3   10.006   14.000	63.607	10.002 63.607	225		Type A	D400/675x675mm	Class T	
1-12/01 68.572 1.350 1200 12.000 67.222 150 15.717 102.7 1-12/02 68.465 1.471 1200 12.001 66.994 225 6.253 148.9 12.000 1-12/03 68.535 1.583 1200 12.002 66.952 225 10.221 150.3 12.001 1-12/04 68.435 1.551 1200 12.003 66.884 225 13.656 89.8 12.002 1-12/05 68.157 1.425 1200 12.004 66.732 225 29.705 150 12.003 1-12/06 68.414 1.880 1200 12.005 66.534 225 13.626 149.7 12.004 1-12/07 68.220 1.777 1200 12.006 66.443 225 13.626 149.7 12.004 1-12/08 67.818 1.461 1200 12.007 66.357 225 36.971 39.7 12.006 1-12/09 66.851 1.425 1200 12.008 65.426 225 36.971 39.7 12.006 1-12/10 65.936 1.425 1200 12.008 65.426 225 36.971 40.4 12.007 1-12/10 65.936 1.425 1200 12.009 64.511 225 35.175 57.4 12.008 1-12/11 65.323 1.500 1350 12.010 63.823 375 39.164 87 12.009 1-10/06 64.927 1.629 1350 10.005 63.298 300 16 59 10.004 1-10/07 64.527 1.500 1200 10.006 63.027 300 16 40 10.005 1-14/01 64.523 1.350 1200 11.006 63.027 300 16 40 10.005 1-10/08 64.127 1.575 1350 10.007 62.552 375 5.738 108.3 10.006 1-10/09 64.074 1.575 1350 10.008 62.499 375 50.783 103 10.007  Attenuation Tank (Polystorm Extra (PSM3) or Similar Approved) - Tank Depth 1.05m (5 layers of 0.21m creates) - Mi					Type A	D400/675x675mm	Class T	
1-12/01 68.572 1.350 1200 12.000 67.222 150 15.717 102.7  1-12/02 68.465 1.471 1200 12.001 66.994 225 6.253 148.9 12.000  1-12/03 68.535 1.583 1200 12.002 66.952 225 10.221 150.3 12.001  1-12/04 68.435 1.551 1200 12.003 66.884 225 13.656 89.8 12.002  1-12/05 68.157 1.425 1200 12.004 66.732 225 29.705 150 12.003  1-12/06 68.414 1.880 1200 12.005 66.534 225 13.626 149.7 12.004  1-12/07 68.220 1.777 1200 12.005 66.433 225 12.951 150.6 12.005  1-12/08 67.818 1.461 1200 12.007 66.357 225 36.971 39.7 12.006  1-12/10 65.936 1.425 1200 12.008 65.426 225 36.971 40.4 12.007  1-12/10 65.936 1.425 1200 12.009 64.511 225 35.175 57.4 12.008  1-12/11 65.323 1.500 1350 12.010 63.823 375 39.164 87 12.009  1-10/06 64.927 1.629 1350 10.005 63.298 300 16 59 10.004  1-13/01 64.922 1.350 1200 13.000 63.572 225 39.154 99.1  1-10/07 64.527 1.500 1200 14.000 63.173 150 39.165 98.9  1-10/08 64.127 1.575 1350 10.007 62.552 375 5.738 108.3 10.006  Klargester Class 1 Bypass Separator NS  1-10/09 64.074 1.575 1350 10.008 62.499 375 50.783 103 10.007  Attenuation Tank (Polystorm Extra (PSM3) or Similar Approved) - Tank Depth 1.05m (5 layers of 0.21m creates) - Mi	63.480	10.003 63.480	225		Type A	D400/675x675mm	Class T	
1-12/02 68.465 1.471 1200 12.001 66.994 225 6.253 148.9 12.000 1-12/03 68.535 1.583 1200 12.002 66.952 225 10.221 150.3 12.001 1-12/04 68.435 1.551 1200 12.003 66.884 225 13.656 89.8 12.002 1-12/05 68.157 1.425 1200 12.004 66.732 225 29.705 150 12.003 1-12/06 68.414 1.880 1200 12.005 66.534 225 13.626 149.7 12.004 1-12/07 68.220 1.777 1200 12.006 66.443 225 12.951 150.6 12.005 1-12/08 67.818 1.461 1200 12.007 66.357 225 36.971 39.7 12.006 1-12/09 66.851 1.425 1200 12.008 65.426 225 36.971 39.7 12.006 1-12/10 65.936 1.425 1200 12.009 64.511 225 35.175 57.4 12.008 1-12/11 65.323 1.500 1350 12.010 63.823 375 39.164 87 12.009 1-10/06 64.927 1.629 1350 10.005 63.298 300 16 59 10.004 1-13/01 64.922 1.350 1200 13.000 63.572 225 39.154 99.1 1-10/07 64.527 1.500 1200 10.006 63.027 300 16 40 10.005 1-14/01 64.523 1.350 1200 14.000 63.173 150 39.165 98.9 1-10/08 64.127 1.575 1350 10.007 62.552 375 5.738 108.3 10.006 1-10/09 64.074 1.575 1350 10.008 62.499 375 50.783 103 10.007  Attenuation Tank (Polystorm Extra (PSM3) or Similar Approved) - Tank Depth 1.05m (5 layers of 0.21m creates) - Mi	63.902	11.000 63.902	225	422				
1-12/03 68.535 1.583 1200 12.002 66.952 225 10.221 150.3 12.001 1-12/04 68.435 1.551 1200 12.003 66.884 225 13.656 89.8 12.002 1-12/05 68.157 1.425 1200 12.004 66.732 225 29.705 150 12.003 1-12/06 68.414 1.880 1200 12.005 66.534 225 13.626 149.7 12.004 1-12/07 68.220 1.777 1200 12.006 66.443 225 12.951 150.6 12.005 1-12/08 67.818 1.461 1200 12.007 66.357 225 36.971 39.7 12.006 1-12/09 66.851 1.425 1200 12.008 65.426 225 36.971 39.7 12.006 1-12/10 65.936 1.425 1200 12.009 64.511 225 35.175 57.4 12.008 1-12/11 65.323 1.500 1350 12.010 63.823 375 39.164 87 12.009 1-10/06 64.927 1.629 1350 10.005 63.298 300 16 59 10.004 12.010 1-13/01 64.922 1.350 1200 13.000 63.572 225 39.154 99.1 1-10/07 64.527 1.500 1200 10.006 63.027 300 16 40 10.005 13.000 1-14/01 64.523 1.350 1200 10.006 63.027 300 16 40 10.005 13.000 1-14/01 64.523 1.350 1200 10.007 62.552 375 5.738 108.3 10.006 14.000 1-10/08 64.127 1.575 1350 10.007 62.552 375 5.738 108.3 10.006 14.000 Attenuation Tank (Polystorm Extra (PSM3) or Similar Approved) - Tank Depth 1.05m (5 layers of 0.21m creates) - Mi					Type A	D400/675x675mm	Class T	
1-12/04 68.435 1.551 1200 12.003 66.884 225 13.656 89.8 12.002 1-12/05 68.157 1.425 1200 12.004 66.732 225 29.705 150 12.003 1-12/06 68.414 1.880 1200 12.005 66.534 225 13.626 149.7 12.004 1-12/07 68.220 1.777 1200 12.006 66.443 225 12.951 150.6 12.005 1-12/08 67.818 1.461 1200 12.007 66.357 225 36.971 39.7 12.006 1-12/09 66.851 1.425 1200 12.008 65.426 225 36.971 39.7 12.006 1-12/10 65.936 1.425 1200 12.009 64.511 225 35.175 57.4 12.008 1-12/11 65.323 1.500 1350 12.010 63.823 375 39.164 87 12.009 1-10/06 64.927 1.629 1350 10.005 63.298 300 16 59 10.004 1-13/01 64.922 1.350 1200 13.000 63.572 225 39.154 99.1 1-10/07 64.527 1.500 1200 10.006 63.027 300 16 40 10.005 1-14/01 64.523 1.350 1200 14.000 63.173 150 39.165 98.9 1-10/08 64.127 1.575 1350 10.007 62.552 375 5.738 108.3 10.006 1-10/09 64.074 1.575 1350 10.008 62.499 375 50.783 103 10.007  Attenuation Tank (Polystorm Extra (PSM3) or Similar Approved) - Tank Depth 1.05m (5 layers of 0.21m creates) - Mi	67.069	12.000 67.069	150		Type A	D400/675x675mm	Class T	
1-12/04 68.435 1.551 1200 12.003 66.884 225 13.656 89.8 12.002 1-12/05 68.157 1.425 1200 12.004 66.732 225 29.705 150 12.003 1-12/06 68.414 1.880 1200 12.005 66.534 225 13.626 149.7 12.004 1-12/07 68.220 1.777 1200 12.006 66.443 225 12.951 150.6 12.005 1-12/08 67.818 1.461 1200 12.007 66.357 225 36.971 39.7 12.006 1-12/09 66.851 1.425 1200 12.008 65.426 225 36.971 40.4 12.007 1-12/10 65.936 1.425 1200 12.009 64.511 225 35.175 57.4 12.008 1-12/11 65.323 1.500 1350 12.010 63.823 375 39.164 87 12.009 1-10/06 64.927 1.629 1350 10.005 63.298 300 16 59 10.004 1-13/01 64.922 1.350 1200 13.000 63.572 225 39.154 99.1 1-10/07 64.527 1.500 1200 10.006 63.027 300 16 40 10.005 1-14/01 64.523 1.350 1200 14.000 63.173 150 39.165 98.9 1-10/08 64.127 1.575 1350 10.007 62.552 375 5.738 108.3 10.006 1-10/08 64.027 1.575 1350 10.007 62.552 375 5.738 108.3 10.006 1-10/09 64.074 1.575 1350 10.008 62.499 375 50.783 103 10.007  Attenuation Tank (Polystorm Extra (PSM3) or Similar Approved) - Tank Depth 1.05m (5 layers of 0.21m creates) - Mi	66.952	12.001 66.952	225		Type A	D400/675x675mm	Class T	
1-12/06 68.414 1.880 1200 12.005 66.534 225 13.626 149.7 12.004 1-12/07 68.220 1.777 1200 12.006 66.443 225 12.951 150.6 12.005 1-12/08 67.818 1.461 1200 12.007 66.357 225 36.971 39.7 12.006 1-12/09 66.851 1.425 1200 12.008 65.426 225 36.971 40.4 12.007 1-12/10 65.936 1.425 1200 12.009 64.511 225 35.175 57.4 12.008 1-12/11 65.323 1.500 1350 12.010 63.823 375 39.164 87 12.009 1-10/06 64.927 1.629 1350 10.005 63.298 300 16 59 10.004 12.010 1-13/01 64.922 1.350 1200 13.000 63.572 225 39.154 99.1 1-10/07 64.527 1.500 1200 10.006 63.027 300 16 40 10.005 13.000 1-14/01 64.523 1.350 1200 14.000 63.173 150 39.165 98.9 1-10/08 64.127 1.575 1350 10.007 62.552 375 5.738 108.3 10.006 14.000 14.000 63.173 150 39.165 98.9 1-10/09 64.074 1.575 1350 10.008 62.499 375 50.783 103 10.007 Attenuation Tank (Polystorm Extra (PSM3) or Similar Approved) - Tank Depth 1.05m (5 layers of 0.21m creates) - Mi	66.884	12.002 66.884	225		Type A	D400/675x675mm	Class T	
1-12/07 68.220 1.777 1200 12.006 66.443 225 12.951 150.6 12.005 1-12/08 67.818 1.461 1200 12.007 66.357 225 36.971 39.7 12.006 1-12/09 66.851 1.425 1200 12.008 65.426 225 36.971 40.4 12.007 1-12/10 65.936 1.425 1200 12.009 64.511 225 35.175 57.4 12.008 1-12/11 65.323 1.500 1350 12.010 63.823 375 39.164 87 12.009 1-10/06 64.927 1.629 1350 10.005 63.298 300 16 59 10.004 1-13/01 64.922 1.350 1200 13.000 63.572 225 39.154 99.1 1-10/07 64.527 1.500 1200 10.006 63.027 300 16 40 10.005 1-14/01 64.523 1.350 1200 14.000 63.173 150 39.165 98.9 1-10/08 64.127 1.575 1350 10.007 62.552 375 5.738 108.3 10.006 1-10/09 64.074 1.575 1350 10.008 62.499 375 50.783 103 10.007  Attenuation Tank (Polystorm Extra (PSM3) or Similar Approved) - Tank Depth 1.05m (5 layers of 0.21m creates) - Mi	66.732	12.003 66.732	225		Type A	D400/675x675mm	Class T	
1-12/08 67.818 1.461 1200 12.007 66.357 225 36.971 39.7 12.006 1-12/09 66.851 1.425 1200 12.008 65.426 225 36.971 40.4 12.007 1-12/10 65.936 1.425 1200 12.009 64.511 225 35.175 57.4 12.008 1-12/11 65.323 1.500 1350 12.010 63.823 375 39.164 87 12.009 1-10/06 64.927 1.629 1350 10.005 63.298 300 16 59 10.004 1-13/01 64.922 1.350 1200 13.000 63.572 225 39.154 99.1 1-10/07 64.527 1.500 1200 10.006 63.027 300 16 40 10.005 1-14/01 64.523 1.350 1200 14.000 63.173 150 39.165 98.9 1-10/08 64.127 1.575 1350 10.007 62.552 375 5.738 108.3 10.006 1-10/09 64.074 1.575 1350 10.008 62.499 375 50.783 103 10.007  Attenuation Tank (Polystorm Extra (PSM3) or Similar Approved) - Tank Depth 1.05m (5 layers of 0.21m creates) - Mi	66.534	12.004 66.534	225		Type A	D400/675x675mm	Class T	
1-12/09	66.443	12.005 66.443	225		Type A	D400/675x675mm	Class T	
1-12/09	66.357	12.006 66.357	225		Type A	D400/675x675mm	Class T	
1-12/10 65.936 1.425 1200 12.009 64.511 225 35.175 57.4 12.008 1-12/11 65.323 1.500 1350 12.010 63.823 375 39.164 87 12.009 1-10/06 64.927 1.629 1350 10.005 63.298 300 16 59 10.004 1-13/01 64.922 1.350 1200 13.000 63.572 225 39.154 99.1 1-10/07 64.527 1.500 1200 10.006 63.027 300 16 40 10.005 1-14/01 64.523 1.350 1200 14.000 63.173 150 39.165 98.9 1-10/08 64.127 1.575 1350 10.007 62.552 375 5.738 108.3 10.006 1-10/09 64.074 1.575 1350 10.008 62.499 375 50.783 103 10.007  Attenuation Tank (Polystorm Extra (PSM3) or Similar Approved) - Tank Depth 1.05m (5 layers of 0.21m creates) - Mi	65.426	12.007 65.426	225		Type A	D400/675x675mm	Class T	
1-12/11 65.323 1.500 1350 12.010 63.823 375 39.164 87 12.009 1-10/06 64.927 1.629 1350 10.005 63.298 300 16 59 10.004 1-13/01 64.922 1.350 1200 13.000 63.572 225 39.154 99.1 1-10/07 64.527 1.500 1200 10.006 63.027 300 16 40 10.005 1-14/01 64.523 1.350 1200 14.000 63.173 150 39.165 98.9 1-10/08 64.127 1.575 1350 10.007 62.552 375 5.738 108.3 10.006 1-10/09 64.074 1.575 1350 10.008 62.499 375 50.783 103 10.007  Attenuation Tank (Polystorm Extra (PSM3) or Similar Approved) - Tank Depth 1.05m (5 layers of 0.21m creates) - Mi	64.511	12.008 64.511	225		Type A	D400/675x675mm	Class T	
1-10/06 64.927 1.629 1350 10.005 63.298 300 16 59 10.004 12.010 1-13/01 64.922 1.350 1200 13.000 63.572 225 39.154 99.1 1-10/07 64.527 1.500 1200 10.006 63.027 300 16 40 10.005 13.000 1-14/01 64.523 1.350 1200 14.000 63.173 150 39.165 98.9 1-10/08 64.127 1.575 1350 10.007 62.552 375 5.738 108.3 10.006 14.000 Klargester Class 1 Bypass Separator NS 1-10/09 64.074 1.575 1350 10.008 62.499 375 50.783 103 10.007 Attenuation Tank (Polystorm Extra (PSM3) or Similar Approved) - Tank Depth 1.05m (5 layers of 0.21m creates) - Mi	63.898		225		Type A	D400/675x675mm	Class T	
1-13/01 64.922 1.350 1200 13.000 63.572 225 39.154 99.1  1-10/07 64.527 1.500 1200 10.006 63.027 300 16 40 10.005  1-14/01 64.523 1.350 1200 14.000 63.173 150 39.165 98.9  1-10/08 64.127 1.575 1350 10.007 62.552 375 5.738 108.3 10.006  Klargester Class 1 Bypass Separator NS  1-10/09 64.074 1.575 1350 10.008 62.499 375 50.783 103 10.007  Attenuation Tank (Polystorm Extra (PSM3) or Similar Approved) - Tank Depth 1.05m (5 layers of 0.21m creates) - Mi	63.373		225		Type A	D400/675x675mm	Class T	
1-13/01 64.922 1.350 1200 13.000 63.572 225 39.154 99.1  1-10/07 64.527 1.500 1200 10.006 63.027 300 16 40 10.005  1-14/01 64.523 1.350 1200 14.000 63.173 150 39.165 98.9  1-10/08 64.127 1.575 1350 10.007 62.552 375 5.738 108.3 10.006  Klargester Class 1 Bypass Separator NS  1-10/09 64.074 1.575 1350 10.008 62.499 375 50.783 103 10.007  Attenuation Tank (Polystorm Extra (PSM3) or Similar Approved) - Tank Depth 1.05m (5 layers of 0.21m creates) - Mi	63.373	12.010 63.373	375	150	,,	·		
1-10/07 64.527 1.500 1200 10.006 63.027 300 16 40 10.005  1-14/01 64.523 1.350 1200 14.000 63.173 150 39.165 98.9  1-10/08 64.127 1.575 1350 10.007 62.552 375 5.738 108.3 10.006  Klargester Class 1 Bypass Separator NS  1-10/09 64.074 1.575 1350 10.008 62.499 375 50.783 103 10.007  Attenuation Tank (Polystorm Extra (PSM3) or Similar Approved) - Tank Depth 1.05m (5 layers of 0.21m creates) - Mi					Type A	D400/675x675mm	Class T	
1-14/01 64.523 1.350 1200 14.000 63.173 150 39.165 98.9  1-10/08 64.127 1.575 1350 10.007 62.552 375 5.738 108.3 10.006  Klargester Class 1 Bypass Separator NS  1-10/09 64.074 1.575 1350 10.008 62.499 375 50.783 103 10.007  Attenuation Tank (Polystorm Extra (PSM3) or Similar Approved) - Tank Depth 1.05m (5 layers of 0.21m creates) - Mi	63.027	10.005 63.027	300		Type A	D400/675x675mm	Class T	
1-14/01 64.523 1.350 1200 14.000 63.173 150 39.165 98.9  1-10/08 64.127 1.575 1350 10.007 62.552 375 5.738 108.3 10.006  Klargester Class 1 Bypass Separator NS  1-10/09 64.074 1.575 1350 10.008 62.499 375 50.783 103 10.007  Attenuation Tank (Polystorm Extra (PSM3) or Similar Approved) - Tank Depth 1.05m (5 layers of 0.21m creates) - Mi	63.177		225	75	,,			
1-10/08 64.127 1.575 1350 10.007 62.552 375 5.738 108.3 10.006 14.000					Type A	D400/675x675mm	Class T	
14.000   Klargester Class 1 Bypass Separator NS   1-10/09   64.074   1.575   1350   10.008   62.499   375   50.783   103   10.007   Attenuation Tank (Polystorm Extra (PSM3) or Similar Approved) - Tank Depth 1.05m (5 layers of 0.21m creates) - Mi	62.627	10.006 62.627	300		Type A	D400/675x675mm	Class T	
Stargester Class 1 Bypass Separator NS   1-10/09   64.074   1.575   1350   10.008   62.499   375   50.783   103   10.007     Attenuation Tank (Polystorm Extra (PSM3) or Similar Approved) - Tank Depth 1.05m (5 layers of 0.21m creates) - Mi	62.777		150		. , , ,			
1-10/09   64.074   1.575   1350   10.008   62.499   375   50.783   103   10.007    Attenuation Tank (Polystorm Extra (PSM3) or Similar Approved) - Tank Depth 1.05m (5 layers of 0.21m creates) - Mi				milar appro	oved). Allowance in inve	rt levels for 100mm drop across tank	1	
Attenuation Tank (Polystorm Extra (PSM3) or Similar Approved) - Tank Depth 1.05m (5 layers of 0.21m creates) - Mi	62.499		375		Type A	D400/675x675mm	Class T	
1-1/19 63.000 1.991 1800 1.018 61.009 900 15.679 103.2 1.017		<b>'</b>		f 1140m3				nular fill surround to specification required by the supplier
	61.009	1.017 61.009	900		Type A	D400/675x675mm	Class T	Hydrobrake Chamber - Unit reference MD-SHE-0441-1300-1000-1300 (Hydro International) Design flow Q - 130I/s. Design head - 1.0m
10.008	62.006	10 008 62 006	375	472				

HW01

63.000

2.143

Discharge to watercourse

1.018

60.857

900

# IOTES

- This drawing should be read in conjunction with Proposed Drainage Layout Drawings
- Invert levels of catchpit chambers shown denote invert levels of the lowest pipe and do not include for catchpit sump depth.
- Proposed cover levels and manhole depths indicated are indicative only and subject to change following design development.
- All cover levels to be taken from proposed levels drawing if discrepancies occur.

Issued By **PLANNING** Cavan County Council

Cavan Regional Sports Campus

Proposed Storm Manhole Schedule Sheet 2 of 5

Scale: NTS

Headwall discharge to watercourse



T: 028 9040 2000

27/02/2024

admin@mcadamdesign.co.uk www.mcadamdesign.co.uk McAdam Design Project Number: A2156 JS

Drawing No. CRSP-MCA-00-00-DR-C-2201

Rev. P1 All dimensions are in millimetres. Figured dimensions to be taken in preference to scale dimensions to be checked onsite. © 2021 McAdam Design Ltd.

										PROPOSED	STORM NE	TWORK 2 - N	MANHOLE SCHEDULE			
						Pipe Out				Pipe In						
MH#	CL (m)	Depth to Invert (m)	MH Dia.	Pipe#	IL (m)	Ø (mm)	L (m)	Grad (1:x)	Pipe #	IL (m)	Ø (mm)	B.drop (mm)	МН Туре	Cover Type/ Grade / Size	Pipe surround Type	Notes
-1/01	67.418	1.350	1200	1.000	66.068	225	20.478	20					Type A	D400/675x675mm	Class T	
-1/02	66.906	1.862	1200	1.001	65.044	225	16.602	100	1.000	65.044	225		Type A	D400/675x675mm	Class T	
-2/01	67.252	1.350	1200	2.000	65.902	225	20.479	20					Type A	D400/675x675mm	Class T	
1/03	66.740	1.937	1200	1.002	64.803	225	15.713	53.4	1.001	64.878	225	75	Type A	D400/675x675mm	Class T	
									2.000	64.878	225	75				
3/01	67.095	1.350	1200	3.000	65.745	225	20.479	40					Type A	D400/675x675mm	Class T	
1/04	66.583	2.074	1200	1.003	64.509	225	16.552	150.5	1.002	64.509	225		Type A	D400/675x675mm	Class T	
									3.000	65.233	225	724				
4/01	66.929	1.350	1200	4.000	65.579	225	20.479	40					Type A	D400/675x675mm	Class T	
1/05	66.417	2.093	1200	1.004	64.324	300	16.772	149.8	1.003	64.399	225		Type A	D400/675x675mm	Class T	
									4.000	65.067	225	668				
5/01	66.584	1.350	1200	5.000	65.234	225	13.385	40.1					Type A	D400/675x675mm	Class T	
1/06	66.250	2.038	1200	1.005	64.212	300	15.921	150.2	1.004	64.212	300		Type A	D400/675x675mm	Class T	
									5.000	64.900	225	613				
6/01	66.425	1.350	1200	6.000	65.075	225	13.441	40					Type A	D400/675x675mm	Class T	
1/07	66.089	1.983	1200	1.006	64.106	300	11.914	150.8	1.005	64.106	300		Type A	D400/675x675mm	Class T	
									6.000	64.739	225	558				
1/08	65.768	1.741	1200	1.007	64.027	300	6.647	151.1	1.006	64.027	300		Type A	D400/675x675mm	Class T	
						Klar	gester Clas	s 1 Bypass Se	eparator NSE	E010 with a	alarm (or sir	milar approv	/ed). Allowance in inver	t levels for 100mm drop across tank		
1/09	65.599	1.616	1200	1.008	63.983	300	5.278	150.8	1.007	63.983	300		Type A	D400/675x675mm	Class T	
Attenu	uation Tank	(Polystorm	(PSM1) or S	imilar Appro	oved) - Tanl	k Depth 0.8n	n (2 layers o	of 0.4m creat	tes) - Minimu	um Tank Vo	lume of 152	2m3	Permeable Membran	e / Geotextile required around tank i	ncluding all gran	ular fill surround to specification required by the supplier
-1/10	65.465	1.517	1200	1.009	63.948	300	14.386	12	1.008	63.948	300		Туре А	D400/675x675mm	Class T	Hydrobrake Chamber - Unit reference MD-SHE-0146-1000-1000-1000 (Hydro International) Design flow Q - 10l/s.

										PROPOSED	STORM NE	TWORK 3 - MAN	HOLE SCHEDULE				
						Pipe Out				Pipe In							
MH#	CL (m)	Depth to Invert (m)	MH Dia.	Pipe#	IL (m)	Ø (mm)	L (m)	Grad (1:x)	Pipe #	IL (m)	Ø (mm)	B.drop (mm)	МН Туре	Cover Type/ Grade / Size	Pipe surround Type	Notes	
3-1/01	76.754	1.350	1200	1.000	75.404	150	25.589	32.3					Type A	D400/675x675mm	Class T		
3-1/02	75.961	1.350	1200	1.001	74.611	150	30.505	21.3	1.000	74.611	150		Type A	D400/675x675mm	Class T		
3-1/03	74.528	1.425	1200	1.002	73.103	225	25.82	19.5	1.001	73.178	150		Type A	D400/675x675mm	Class T		
3-2/01	74.929	1.350	1200	2.000	73.579	225	19.838	26					Type A	D400/675x675mm	Class T		
3-2/02	74.165	1.350	1200	2.001	72.815	225	29.496	28.5	2.000	72.815	225		Type A	D400/675x675mm	Class T		
3-1/04	73.206	1.425	1200	1.003	71.781	225	33.972	18.7	1.002	71.781	225		Type A	D400/675x675mm	Class T		
									2.001	71.781	225						
3-3/01	72.806	1.350	1200	3.000	71.456	225	29.168	20.6					Type A	D400/675x675mm	Class T		
3-1/05	71.389	1.500	1200	1.004	69.889	300	37.617	12.6	1.003	69.964	225		Type A	D400/675x675mm	Class T		
									3.000	70.039	225	75					
3-1/06	68.413	1.500	1200	1.005	66.913	300	30.928	17.8	1.004	66.913	300		Туре А	D400/675x675mm	Class T		
3-1/07	66.680	1.500	1200	1.006	65.180	300	13.306	26.7	1.005	65.180	300		Type A	D400/675x675mm	Class T		
3-1/08	66.182	1.500	1200	1.007	64.682	300	23.91	30.7	1.006	64.682	300		Type A	D400/675x675mm	Class T		
						Klar	gester Clas	s 1 Bypass Se	parator NSE	E015 with a	larm (or sir	milar approved)	Allowance in inve	rt levels for 100mm drop across tank	<u> </u>	 	

1.009 62.748 300

Discharge to watercourse

HW02 63.500 0.752

0

3-1/07	66.680	1.500	1200	1.006	65.180	300	13.306	26.7	1.005	65.180	300		Type A	D400/675x675mm	Class T				
3-1/08	66.182	1.500	1200	1.007	64.682	300	23.91	30.7	1.006	64.682	300		Type A	D400/675x675mm	Class T				
						Kla	rgester Clas	s 1 Bypass S	eparator NSE	BE015 with a	alarm (or sin	nilar appro	oved). Allowance in inver	t levels for 100mm drop across tank					
Attenuatio	n Tank (Poly	ystorm Extr	a (PSM3) or	Similar App	proved) - Ta	nk Depth 0.	.84m (4 layeı	rs of 0.21m	creates) - Mii	nimum Tanl	k Volume of	168m3	Permeable Membran	e / Geotextile required around tank	ncluding all grar	nular fill surro	und to specifi	cation required by	the supplier
3-1/09	65.403	1.500	1200	1.008	63.903	300	12.816	6.4	1.007	63.903	300		Type A	D400/675x675mm	Class T		0199-2000-100 Design	amber - Unit refere 00-2000 (Hydro Inte flow Q - 20I/s. n head - 1.0m	
HW3	63.390	1.500	0		Discha	rge to wate	rcourse		1.008	61.890	300			Headwal	discharge to wa	tercourse			
													<u> </u>	<u> </u>					

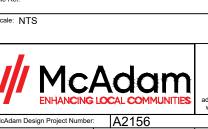
## NOTES

Design head - 1.0m

Headwall discharge to watercourse

- This drawing should be read in conjunction with Proposed
- Drainage Layout Drawings
  Invert levels of catchpit chambers shown denote invert
  levels of the lowest pipe and do not include for catchpit sump depth.
- Proposed cover levels and manhole depths indicated are indicative only and subject to change following design development.
- All cover levels to be taken from proposed levels drawing if discrepancies occur.

	Rev Issue Date Description	
	Project Status: PLANNING	
	Client Cavan County Council	
plier	Project Cavan Regional Sports Campus	
	Proposed Storm Manhole Schedule Sheet 3 of 5	
al)	File Ref:	
	Scale: NTS	
	ENTERON ESCAL CONTRICTANTES	ıdı w
	10450	



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> PA 27/02/2024

Rev.

Issued By

A2156 JS Checked

Drawing No.
CRSP-MCA-00-00-DR-C-2202

All dimensions are in millimetres. Figured dimensions to be taken in preference to scale dimension Dimensions to be checked onsite. © 2021 McAdam Design Ltd.

										222222	670014115									
										PROPOSED	STORM NE	IWORK 4 - I	MANHOLE SCHEDULE							
						Pipe Out				Pipe In										
MH#	CL (m)	Depth to Invert (m)	L MH Dia.	Pipe #	IL (m)	Ø (mm)	L(m)	Grad (1:x)	Pipe #	IL (m)	Ø (mm)	B.drop (mm)	МН Туре	Cover Type/ Grade / Size	Pipe surround Type	Notes				
4-1/01	74.863	1.300	1200	1.000	73.563	100	26.273	9.2					Type A	B125/675x675mm	Class T					
4-1/02	72.000	1.300	1200	1.001	70.700	100	37.68	7.5	1.000	70.700	100		Type A	B125/675x675mm	Class T					
4-1/03	67.000	1.425	1200	1.002	65.575	225	25.358	150	1.001	65.700	100		Type A	B125/675x675mm	Class T					
4-1/04	67.000	1.594	1200	1.003	65.406	225	49.954	16	1.002	65.406	225		Type A	B125/675x675mm	Class T					
4-1/05	63.800	1.509	1200	1.004	62.291	225	14.056	150	1.003	62.291	225		Type A	B125/675x675mm	Class T					
HW4	63.800	1.602	0		Dischar	ge to water	rcourse		1.004	62.198	225		Headwall discharge to watercourse							

Part   Color   Part											PROPOSED	STORM NET	WORK 5 -	MANHOLE SCHEDULE					
Part   Control   Part   Part							Pipe Out												
1.49   1.49   1.49   1.50	MH#	CL (m)		MH Dia.	Pipe#	IL (m)		L(m)	Grad (1:x)	Pipe #		Ø (mm)	I	МН Туре	Cover Type/ Grade / Size	surround		No	otes
1/25   1/25	5-1/01	70.330		1200	1.000	69.030	150	48.056	102.9					Type A	D400/675x675mm	Class T			
	5-1/02	69.863	1.300	1200	1.001	68.563	150	43.945	92.3	1.000	68.563	150		Type A	D400/675x675mm	Class T			
Second Color	5-2/01	70.949	1.425	1200	2.000	69.524	225	70.868	99.8					Type A	D400/675x675mm	Class T			
Section   Sect	5-2/02	70.239	1.425	1200	2.001	68.814	225	81.131	101.2	2.000	68.814	225		Type A	D400/675x675mm	Class T			
5-1/55   8-3-89   1-1/5	5-1/03	69.437	1.425	1200	1.002	68.012	225	47.058	103.1	1.001	68.087	150		Type A	D400/675x675mm	Class T		-0199-2000-1000- Design flo	2000 (Hydro International) ow Q - 20l/s.
5.105   63.86   5.50   12.00   1.004   65.95   300   26.317   48.65   1.003   67.070   22.5   Type A   D400/6736/57mm   Cles T										2.001	68.012	225							
5-3/02   69.392   1.425   1.00   3.000   68.567   275   68.055   10.04   5.000   67.895   275   57.678   10.03   3.000   67.895   275   57.678   10.03   3.000   67.895   275   57.678   10.03   3.000   67.895   275   57.678   10.03   3.000   67.895   275   57.678   10.03   3.000   47.995   10.03   47.995	5-1/04	68.980	1.425	1200	1.003	67.555	225	50	103.1	1.002	67.555	225		Type A	D400/675x675mm	Class T			
Section   Sect	5-1/05	68.495	1.500	1200	1.004	66.995	300	26.317	426.5	1.003	67.070	225		Type A	D400/675x675mm	Class T			
	5-3/01	69.992	1.425	1200	3.000	68.567	225	68.005	101.8					Type A	D400/675x675mm	Class T			·
Section   Fig.   Section   Section	5-3/02	69.324	1.425	1200	3.001	67.899	225	57.678	100.8	3.000	67.899	225		Type A	D400/675x675mm	Class T			
1-107   1-108   1-10	5-1/06	68.752	1.893	1350	1.005	66.859	375	50	500	1.004	66.934	300		Туре А	D400/675x675mm	Class T		E-0146-1000-1000- Design flo	1000 (Hydro International) ow Q - 10l/s.
S-1/10    68.26   1.691   1.350   1.007   66.375   450   50   23.82   1.006   66.575   450   Type A   D400/675x675mm   Class T   S-1/10    Class										3.001	67.327	225	318					Designin	eau - 1.0111
S-1/10    68.26   1.691   1.350   1.007   66.375   450   50   23.82   1.006   66.575   450   Type A   D400/675x675mm   Class T   S-1/10    Class	5-1/07	68.517	1.833	1350	1.006	66.684	450	50	461.2	1.005	66.759	375		Type A	D400/675x675mm	Class T			
S-4/01   68.898   1.350   1.200   4.000   67.639   1.50   49.915   1.04   4.000   67.639   1.50   4.000   67.639   1.50   4.000   67.639   1.00   4.000   67.639   1.00   4.000   67.639   4.000   4.000   67.639   4.000   67.639   4.000   67.639   4.000   67.639   4.000   67.639   4.000   67.639   4.000   67.639   4.000   4.000   67.639   4.000   4.000   67.639   4.000	5-1/08	68.266		1350	1.007	66.575	450	50	238.2	1.006	66.575	450			D400/675x675mm	Class T			
S-1/09   68.015   1.650   1350   1.008   66.365   450   14.46   500   1.007   66.365   450   Type A   D400/675x675mm   Class T   Design head -1.0m	5-4/01	68.989		1200	4.000	67.639	150	50	101.2					Type A	D400/675x675mm	Class T			
S-1/10    S-1/	5-4/02	68.495	1.350	1200	4.001	67.145	150	49.915	104	4.000	67.145	150		Type A	D400/675x675mm	Class T			
S-1/10   68.247   1.911   1350   1.009   66.336   450   2.271   4.6   1.008   66.336   450   Type A   D400/675x675mm   Class T   S-1/12   65.571   1.000   66.055   1.000   64.065   450   Type A   D400/675x675mm   Class T   S-1/12   65.563   1.000   63.913   450   0.152   20.06   1.009   64.065   450   Type A   D400/675x675mm   Class T   S-1/12   65.563   1.050   1.012   63.913   450   0.242   198.5   1.010   63.913   450   Type A   D400/675x675mm   Class T   S-1/12   63.913   450   1.012   63.671   450   1.010   63.913   450   Type A   D400/675x675mm   Class T   S-1/12   63.913   450   1.013   62.955   450   0.895   42.8   1.012   62.295   450   Type A   D400/675x675mm   Class T   S-1/12   63.050   1.650   1350   1.014   61.400   450   0.065   500   1.013   61.400   450   Type A   D400/675x675mm   Class T   S-1/12   G4.295   G4.818   1.650   1350   1.014   61.400   450   0.055   5.000   63.918   300   Type A   D400/675x675mm   Class T   S-1/12   G4.295   G4.818   G4.514   G4.	5-1/09	68.015	1.650	1350	1.008	66.365	450	14.46	500					Туре А	D400/675x675mm	Class T		-0146-1000-1000- Design flo	1000 (Hydro International) ow Q - 10I/s.
S-1/11   65.715   1.650   1.350   1.010   64.065   450   0.152   20.6   1.009   64.065   450   Type A   D400/675x675mm   Class T   Cla											<b>!</b>							1 1	
5-1/12 65.563 1.650 1350 1.011 63.913 450 0.242 198.5 1.010 63.913 450 Type A D400/675x675mm Class T											<b>.</b>				<del> </del>				
S-1/13   65.321   1.650   1.850   1.850   1.012   63.671   450   1.376   29.3   1.011   63.671   450   Type A D400/675x675mm   Class T   Class T																			
5-1/14         63.945         1.650         1350         1.013         62.295         450         0.895         42.8         1.012         62.295         450         Type A         D400/675x675mm         Class T				<del> </del>		<b>!</b>													
S-1/15   63.050   1.650   1.550   1.	· ·			<b>!</b>		<del> </del>	1				<del> </del>				'	<del>                                      </del>			
S-5/01   65.193   1.500   1200   5.000   63.693   300   0.375   133.3											<del>                                     </del>				-				
5-5/02 64.818 1.650 1350 5.001 63.168 450 0.277 180.5 5.000 63.318 300 Type A D400/675x675mm Class T	· · · · · · · · · · · · · · · · · · ·			l						1.013	61.400	450			·				
S-5/03   64.541   1.650   1350   5.002   62.891   450   1.041   60.1   5.001   62.891   450   1.041   60.1   5.001   62.891   450   450   Type A   D400/675x675mm   Class T   Hydrobrake Chamber - Unit reference   MD-SHE-Old-1000-1000 (Hydro International)   Design flow Q - 10l/s.   Design flow										F 000	(2.240	300							
5-5/03 64.541 1.650 1350 5.002 62.891 450 1.041 60.1 5.001 62.891 450 Type A D400/675x675mm Class T MD-SHE-0146-1000-1000-1000 (Hydro International) Design flow Q - 10l/s. Design head - 1.0m  5-5/04 63.500 1.800 1500 5.003 61.700 600 0.056 500 5.002 61.850 450 Type A D400/675x675mm Class T  5-1/16 63.500 2.315 1500 1.015 61.185 600 0.047 500 1.014 61.335 450 Type A D400/675x675mm Class T  5-1/17 63.000 1.862 1500 1.016 61.138 600 16.374 500 1.015 61.138 600 Type A D400/675x675mm Class T  5-1/17 63.000 1.862 1500 1.016 61.138 600 16.374 500 1.015 61.138 600 Type A D400/675x675mm Class T  5-1/17 63.000 1.862 1500 1.016 61.138 600 16.374 500 1.015 61.138 600 Type A D400/675x675mm Class T  5-1/17 63.000 1.862 1500 1.016 61.138 600 16.374 500 1.015 61.138 600 Type A D400/675x675mm Class T  5-1/17 63.000 1.862 1500 1.016 61.138 600 16.374 500 1.015 61.138 600 Type A D400/675x675mm Class T  5-1/17 63.000 1.862 1500 1.016 61.138 600 16.374 500 1.015 61.138 600 Type A D400/675x675mm Class T	5-5/02	64.818	1.650	1350	5.001	63.168	450	0.277	180.5	5.000	63.318	300		туре А	D400/6/5X6/5mm	Class I			
5-1/16 63.500 2.315 1500 1.015 61.185 600 0.047 500 1.014 61.335 450 Type A D400/675x675mm Class T Soakaway to be installed to promote infiltration & dispersal of flows at low return periods prior to Discharge to watercourse  5-1/17 63.000 1.862 1500 1.016 61.138 600 16.374 500 1.015 61.138 600 Type A D400/675x675mm Class T		64.541		1350	5.002		450	1.041	60.1	5.001	62.891	450		Туре А	·	Class T		-0146-1000-1000- Design flo	1000 (Hydro International) bw Q - 10l/s.
Soakaway to be installed to promote infiltration & dispersal of flows at low return periods prior to Discharge to watercourse   Soakaway to be installed to promote infiltration & dispersal of flows at low return periods prior to Discharge to watercourse   Soakaway to be installed to promote infiltration & dispersal of flows at low return periods prior to Discharge to watercourse   Soakaway to be installed to promote infiltration & dispersal of flows at low return periods prior to Discharge to watercourse   Soakaway to be installed to promote infiltration & dispersal of flows at low return periods prior to Discharge to watercourse										5.002				Type A		Class T		<del>-</del>	
Soakaway to be installed to promote infiltration & dispersal of flows at low return periods prior to Discharge to watercourse  5-1/17   63.000   1.862   1500   1.016   61.138   600   16.374   500   1.015   61.138   600   Type A   D400/675x675mm   Class T	5-1/16	63.500	2.315	1500	1.015	61.185	600	0.047	500	1.014	61.335			Type A	D400/675x675mm	Class T			
5-1/17 63.000 1.862 1500 1.016 61.138 600 16.374 500 1.015 61.138 600 Type A D400/675x675mm Class T																			
								Soakaway t		ed to promo	te infiltratio	n & dispers	al of flows	at low return periods p	rior to Discharge to watercourse		·		
HW5   63.000   1.895   0   Discharge to watercourse   1.016   61.105   600   Headwall discharge to watercourse		-	<b>+</b>	1500	1.016	61.138	600	16.374	500		<b>!</b>			Type A	· · · · · · · · · · · · · · · · · · ·				
	HW5	63.000	1.895	0		Dischar	ge to water	course		1.016	61.105	600			Headwal	discharge to wat	ercourse		

## NOTES

- This drawing should be read in conjunction with Proposed Drainage Layout Drawings
  Invert levels of catchpit chambers shown denote invert
- levels of the lowest pipe and do not include for catchpit sump depth.
- Proposed cover levels and manhole depths indicated are indicative only and subject to change following design development.

  All cover levels to be taken from proposed levels drawing if
- discrepancies occur.

PLANNING Cavan County Council Cavan Regional Sports Campus Proposed Storm Manhole Schedule Sheet 4 of 5



27/02/2024 Rev.

McAdam Design Project Number: A2156

Drawn JS Checked 27/02/2024 Date

CRSP-MCA-00-00-DR-C-2203

All dimensions are in millimetres. Figured dimensions to be taken in preference to scale dimension Dimensions to be checked onsite. © 2021 McAdam Design Ltd.

										PROPO	SED DIVERS	SION - MANHO	)LE SCHEDULE							
						Pipe Out				Pipe In										
MH#	CL (m)	Depth to Invert (m)	MH Dia.	Pipe #	IL (m)	Ø (mm)	L (m)	Grad (1:x)	Pipe #	IL (m)	Ø (mm)	B.drop (mm)	МН Туре	Cover Type/ Grade / Size	Pipe surround Type	Notes				
D01	75.696	1.800	1500	1.000	73.896	600	39.345	103					Type A	D400/675x675mm	Class T					
D02	75.500	1.986	1500	1.001	73.514	600	81.816	500	1.000	73.514	600		Type A	D400/675x675mm	Class T					
D03	75.500	2.150	1500	1.002	73.350	600	51.412	500	1.001	73.350	600		Type A	D400/675x675mm	Class T					
D04	75.500	2.252	1500	1.003	73.248	600	98.851	96.5	1.002	73.248	600		Type A	D400/675x675mm	Class T					
D05	74.023	1.800	1500	1.004	72.223	600	82.328	25.8	1.003	72.223	600		Type A	D400/675x675mm	Class T					
D06	70.838	1.800	1500	1.005	69.038	600	86.613	350.7	1.004	69.038	600		Туре А	D400/675x675mm	Class T					
D07	70.591	1.800	1500	1.006	68.791	600	86.165	28.6	1.005	68.791	600		Туре А	D400/675x675mm	Class T					
D08	67.579	1.800	1500	1.007	65.779	600	51.965	11.3	1.006	65.779	600		Type A	D400/675x675mm	Class T					
D09	63.000	1.800	1500	1.008	61.200	600	18.159	200	1.007	61.200	600		Type A	D400/675x675mm	Class T					
D10	63.000	1.891	1500	1.009	61.109	600	57.561	500.5	1.008	61.109	600		Туре А	D400/675x675mm	Class T					
D11	63.000	2.006	1500	1.010	60.994	600	8.481	500	1.009	60.994	600		Type A	D400/675x675mm	Class T					
HW6	63.000	2.023	0		Dischar	ge to water	course		1.010	60.977	600	Headwall discharge to watercourse								

									PF	ROPOSED ST	ORM MAN	HOLE SCHE	DULE - LAND DRAINAGE			
						Pipe Out				Pipe In						
MH#	CL (m)	Depth to Invert (m)	MH Dia.	Pipe #	IL (m)	Ø (mm)	L (m)	Grad (1:x)	Pipe#	IL (m)	Ø (mm)	B.drop (mm)	МН Туре	Cover Type/ Grade / Size	Pipe surround Type	Notes

Manholes / chambers required for all land drainage, infiltration trenches and retaining wall drainage not illustrated within manhole schedules at this stage of scheme development. Refer to draianeg plans for extent of this infrastruture. Scheme to allow for necessary infrastructure to facilitate the installation of the land / retaining wall drainage including access chambers & rodding eyes as necessary. This will include allowance for location & invert levels to reflect ground profiles / retaining wall drainage installation levels & discharge locations

### NOTES

- This drawing should be read in conjunction with Proposed Drainage Layout Drawings
- Invert levels of catchpit chambers shown denote invert levels of the lowest pipe and do not include for catchpit sump depth.
- Proposed cover levels and manhole depths indicated are indicative only and subject to change following design development.
- All cover levels to be taken from proposed levels drawing if discrepancies occur.

