

Catchment	Location - Chainage (m)	Description of Catchment	Interceptor	Attenuation Feature	Outfall invert level (m)	Outfall System	Existing top of ditch level (m)	Existing bed level (m)	Catchment Area (ha)	Q1 Discharge rate (l/s)	Actual Proposed Discharge Rate	Carriageway area (ha)	Verge area (ha)	Embankment/Cutting area (ha)	Total Impermeable Area	Quick Storage Estimate 100 years (m3)	Approx Tank/Pond/Pipe Plan/Cross Sectional Area (m2)	Attenuation Pond/Tank Depth / Pipe Length (m)	Attenuation Volume (m3)	Attenuation/detention reference no.
C1	Cottam Link Road approaches	Surface water run off, piped to discharge in PWD system OF1 and attenuated at AT1 through existing Cottam link drainage system. NB. Proposed catchment is less than existing catchment and therefore betterment.	N	EXISTING POND	N/A	-	-	-	0.287	1.60	5.00	0.242	0.045	0.003	0.27		N/A	N/A	N/A	AT1
C2	Access roundabout and approach link to canal	Surface water run off, piped AT2 attenuation pond and discharged to watercourse at OF2	N	POND	21.630	Hydo-Brake	21.630	19.280	0.409	2.20	5.00	0.208	0.118	0.083	0.29	138-203	500	0.5	250	AT2
C3 (A AND B)	Cattle creeps	Piped to filter catch pit and discharged into common watercourse	Y	N	16.72	-	19.120	16.690	0.093	0.50	5.00	0.000	0.000	0.093	0.02	1-5	N/A	N/A	N/A	-
C4	Access road from canal to Lea Road,	Piped and attenuated online with attenuation tanks or oversized pipes AT4 and discharges in to manhole on culvert extention at OF4	Y	TWIN OS PIPES	-	Hydo-Brake	-	-	1.305	7.10	7.10	0.931	0.151	0.223	1.06	686-981	3.078	270	831	AT4
C5	Southern platform	Piped and stored in oversize pipes AT5 and discharged into manhole on culvert extension at OF5	N	OS PIPES	-	Hydo-Brake	-	-	0.081	0.40	5.00	0.081	0.000	0.000	0.08	21-37	0.866	33	29	AT5
C6	Secondary means of escape muster area and access road	Piped and stored in oversize pipes AT6 and discharged into common watercourse at OF6	N	OS PIPES	-	Hydo-Brake	-	-	0.227	1.20	5.00	0.134	0.014	0.079	0.16	59-93	1.131	65	74	AT6
C7	Secondary means of escape	Piped and discharged into headwall at OF7	N	N	-	-	-	-	0.066	0.40	5.00	0.012	0.000	0.054	0.03	4-9	N/A	N/A	N/A	-
C8	Carpark, concourse and northern platform	Piped and attenuated online with attenuation tank AT8 and discharges in to manhole on culvert extention at OF8	Y	ATTENUATION TANK	15.710	Hydo-Brake	-	16.610	1.221	6.60	6.60	1.118	0.041	0.062	1.15	781-1111	675	1.4	945	AT8