

	COVER	I	A	223.47m
	N	V	B	223.47m
	DIAMETER	E	C	
	1350mm	R	D	
	Type 2	T	E	
	COVER	I	A	222.463m
	N	V	B	222.463m
	DIAMETER	E	C	
	1350mm	R	D	
	Type 2	T	E	
	COVER	I	A	221.951m
	N	V	B	221.951m
	DIAMETER	E	C	
	1350mm	R	D	
	Type 2	T	E	
	COVER	I	A	221.125m
	N	V	B	221.125m
	DIAMETER	E	C	
	1350mm	R	D	
	Type 2	T	E	
	COVER	I	A	220.738m
	N	V	B	220.738m
	DIAMETER	E	C	
	1350mm	R	D	
	Type 2	T	E	
	COVER	I	A	220.092m
	N	V	B	220.092m
	DIAMETER	E	C	
	1350mm	R	D	
	Type 2	T	E	
	COVER	I	A	220.408m
	N	V	B	220.408m
	DIAMETER	E	C	
	1200mm	R	D	
	Type 2	T	E	
	COVER	I	A	219.99m
	N	V	B	219.99m
	DIAMETER	E	C	
	1200mm	R	D	
	Type 2	T	E	
	COVER	I	A	218.263m
	N	V	B	218.188m
	DIAMETER	E	C	
	1200mm	R	D	
	Type 2	T	E	

	COVER	I	A	217.668m
	N	V	B	217.593m
	DIAMETER	E	C	
	1350mm	R	D	
	Type 1B	T	E	
	COVER	I	A	217.383m
	N	V	B	217.393m
	DIAMETER	E	C	
	1350mm	R	D	
	Type 1B	T	E	
	COVER	I	A	217.191m
	N	V	B	217.191m
	DIAMETER	E	C	
	1350mm	R	D	
	Type 2	T	E	
	COVER	I	A	216.978m
	N	V	B	216.978m
	DIAMETER	E	C	
	1350mm	R	D	
	Type 2	T	E	
	COVER	I	A	216.783m
	N	V	B	216.783m
	DIAMETER	E	C	
	1350mm	R	D	
	Type 2	T	E	
	COVER	I	A	215.04m
	N	V	B	215.04m
	DIAMETER	E	C	
	---	R	D	
	---	T	E	

	COVER	I	A	227.477m
	N	V	B	227.402m
	DIAMETER	E	C	
	1200mm	R	D	
	Type 2	T	E	
	COVER	I	A	227.975m
	N	V	B	
	DIAMETER	E	C	
	1200mm	R	D	
	Type 2	T	E	
	COVER	I	A	226.949m
	N	V	B	227.024m
	DIAMETER	E	C	
	1200mm	R	D	
	Type 2	T	E	
	COVER	I	A	225.20m
	N	V	B	225.20m
	DIAMETER	E	C	
	1200mm	R	D	
	Type 2	T	E	
	COVER	I	A	222.376m
	N	V	B	222.228m
	DIAMETER	E	C	
	1500mm	R	D	
	Type 2	T	E	
	COVER	I	A	222.373m
	N	V	B	222.148m
	DIAMETER	E	C	
	1350mm	R	D	
	Type 2	T	E	
	COVER	I	A	221.518m
	N	V	B	221.518m
	DIAMETER	E	C	
	1200mm	R	D	
	Type 2	T	E	
	COVER	I	A	220.84m
	N	V	B	220.84m
	DIAMETER	E	C	
	---	R	D	
	---	T	E	

PHASE: SA SURFACE WATER								
MH No.	MANHOLE DIAMETER (mm)	MANHOLE TYPE	COVER LEVEL (m)	INVERT LEVEL (m)	DEPTH TO SOFFIT (m)	EASTING (m)	NORTHING (m)	
SA10	1350	Type 2	225.245	223.470	1.400	305908.319	205661.304	
SA11	1350	Type 2	224.238	222.463	1.400	305915.431	205632.327	
SA12	1350	Type 2	223.726	221.951	1.400	305919.874	205615.667	
SA13	1350	Type 2	222.900	221.125	1.400	305931.906	205590.924	
SA14	1350	Type 2	222.514	220.739	1.400	305935.383	205578.063	
SA15	1350	Type 2	221.867	220.092	1.400	305934.992	205556.061	
SA20	1200	Type 2	222.177	220.408	1.544	305903.532	205593.211	
SA21	1200	Type 2	221.051	219.954	0.872	305905.060	205573.684	
SA22	1200	Type 2	220.014	218.188	1.526	305902.901	205547.775	
SA23	1350	Type 1B	221.497	217.518	3.529	305933.992	205545.307	
SA24	1350	Type 1B	221.007	217.393	3.164	305933.299	205537.856	
SA25	1350	Type 2	219.978	217.191	2.357	305927.750	205522.574	
SA26	1350	Type 2	219.332	216.978	1.904	305916.602	205509.760	
SA27	1350	Type 2	218.169	216.783	0.936	305918.395	205494.279	
SA20A	1240x675	Type C	221.446	219.990	1.231	305908.079	205577.060	
SA30 HB	REFER TO DRAWING 10247 - 111 - 02 - SA30HB							
						305925.346	205468.943	

PHASE: SB SURFACE WATER								
MH No.	MANHOLE DIAMETER (mm)	MANHOLE TYPE	COVER LEVEL (m)	INVERT LEVEL (m)	DEPTH TO SOFFIT (m)	EASTING (m)	NORTHING (m)	
SB16	1200	Type 2	228.602	227.402	0.975	305989.621	205637.184	
SB17	1200	Type 2	228.225	226.949	0.976	305981.082	205638.316	
SB18	1200	Type 2	226.475	225.200	0.975	305973.631	205614.972	
SB19	1500	Type 2	224.773	222.226	2.097	305965.285	205592.736	
SB24	1350	Type 2	223.915	222.148	1.317	305962.228	205581.496	
SB25	1350	Type 2	223.139	221.518	1.170	305957.437	205569.853	
SB16A	1200	Type 2	229.541	227.975	1.416	306004.468	205633.352	
SB29 HB	REFER TO DRAWING 10247 - 111 - 01 - SB29HB					305961.073	205529.030	

HEADWALL SCHEDULE

Headwall Reference		Invert Level	Pipe (mm)	Toe (mm)	Athlon Model Ref	Grill/ Flap Valve	Ownership
Coordinates							
HW-A1		215.85	450ø	500x500	R10C A	CLOSED COUPLED GRATE	SAB ADOPTABLE
E.	305927.848						
N.	205487.090						
HW-A2		215.100	450ø	500x500	R10C A	HINGED CRANKED GRATE	SAB ADOPTABLE
E.	205929.328						
N.	205474.339						
HW-B1		221.100	450ø	500x500	R10C A	CLOSED COUPLED GRATE	SAB ADOPTABLE
E.	305966.277						
N.	205559.816						
HW-B2		221.100	450ø	500x500	R10C A	HINGED CRANKED GRATE	SAB ADOPTABLE
E.	305966.277						
N.	205559.816						

COORDINATE IS TAKEN WHERE PIPE ENTERS HEADWALL.
PIPE INVERT LEVEL TO BE SET AT APRON LEVEL

	COVER	I	A	234.96m
	N	V	B	
	DIAMETER	E	C	
	1200mm	R	D	
	Type 2	T	E	
	COVER	I	A	234.18m
	N	V	B	234.18m
	DIAMETER	E	C	
	1200mm	R	D	
	Type 2	T	E	
	COVER	I	A	232.46m
	N	V	B	232.41m
	DIAMETER	E	C	
	1200mm	R	D	
	Type 2	T	E	
	COVER	I	A	230.25m
	N	V	B	230.25m
	DIAMETER	E	C	
	1200mm	R	D	
	Type 2	T	E	
	COVER	I	A	228.52m
	N	V	B	228.52m
	DIAMETER	E	C	
	1200mm	R	D	
	Type 2	T	E	
	COVER	I	A	228.26m
	N	V	B	228.26m
	DIAMETER	E	C	
	1200mm	R	D	
	Type 2	T	E	
	COVER	I	A	225.00m
	N	V	B	225.00m
	DIAMETER	E	C	
	1200mm	R	D	
	Type 2	T	E	
	COVER	I	A	223.48m
	N	V	B	223.48m
	DIAMETER	E	C	
	1200mm	R	D	
	Type 2	T	E	
	COVER	I	A	221.583m
	N	V	B	221.583m
	DIAMETER	E	C	
	1200mm	R	D	
	Type 2	T	E	
	COVER	I	A	222.33m
	N	V	B	222.33m
	DIAMETER	E	C	
	1200mm	R	D	
	Type 2	T	E	
	COVER	I	A	220.82m
	N	V	B	220.82m
	DIAMETER	E	C	
	1200mm	R	D	
	Type 2	T	E	

	COVER	I	A	220.34m
	222.610m	N	B	220.34m
	DIAMETER	E	C	
	1200mm	R		
	Type 2	T		
	COVER	I	A	229.65m
	231.032m	N	B	
	DIAMETER	E	C	
	1200mm	R		
	Type 2	T		
	COVER	I	A	229.420m
	231.346m	N	B	229.420m
	DIAMETER	E	C	
	1200mm	R		
	Type 2	T		
	COVER	I	A	229.337m
	231.463m	N	B	229.337m
	DIAMETER	E	C	
	1200mm	R		
	Type 2	T		
	COVER	I	A	229.062m
	231.403m	N	B	229.062m
	DIAMETER	E	C	
	1200mm	R		
	Type 2	T		
	COVER	I	A	228.956m
	231.313m	N	B	228.956m
	DIAMETER	E	C	
	1200mm	R		
	Type 2	T		
	COVER	I	A	228.765m
	231.166m	N	B	228.765m
	DIAMETER	E	C	
	1200mm	R		
	Type 2	T		
	COVER	I	A	228.603m
	230.220m	N	B	228.603m
	DIAMETER	E	C	
	1200mm	R		
	Type 2	T		
	COVER	I	A	227.500m
	228.621m	N	B	
	DIAMETER	E	C	
	1200mm	R		
	Type 2	T		
	COVER	I	A	226.703m
	228.516m	N	B	226.653m
	DIAMETER	E	C	226.653m
	1200mm	R		
	Type 2	T		
	COVER	I	A	225.563m
	227.544m	N	B	225.563m
	DIAMETER	E	C	
	1200mm	R		
	Type 2	T		