


Project: ADMIRAL	Date: 12/03/2026		
	Designed by: TG & JH	Checked by: DML	Approved By: DML
Report Details: Type: Connections Sanitary Phase: Phase (1)	Company: LALLY CHARTERED ENGINEERS		




Name	Length (m)	Connection Type	Slope (1:x)	Manning's n	Diameter / Base Width (mm)	Upstream Cover Elevation (m)	Upstream Invert Elevation (m)	Downstream Cover Elevation (m)
P1.000	55.105	Pipe	60.00	0.011	150	112.900	111.550	113.290
P1.001	37.068	Pipe	60.00	0.011	150	113.290	109.499	110.750
P1.002	75.097	Pipe	40.00	0.011	150	110.750	107.110	106.660
P1.003	89.703	Pipe	150.00	0.011	225	106.660	105.233	106.150
P1.004	35.512	Pipe	150.00	0.011	225	106.150	104.635	106.000
P1.005	89.878	Pipe	150.00	0.011	225	106.000	104.399	106.180
P1.006	12.814	Pipe	150.00	0.011	225	106.180	103.799	106.150
P1.007	83.730	Pipe	150.00	0.011	225	106.150	103.714	105.750
P1.008	73.491	Pipe	150.00	0.011	225	105.750	103.155	105.375
P1.009	74.301	Pipe	150.00	0.011	225	105.375	102.665	105.000
P2.000	30.551	Pipe	80.00	0.011	150	108.570	107.070	108.400
P2.001	32.677	Pipe	80.00	0.011	150	108.400	106.688	108.300
P2.002	58.202	Pipe	80.00	0.011	150	108.300	106.280	108.100
P2.003	46.936	Pipe	80.00	0.011	150	108.100	105.552	106.400
P2.004	63.205	Pipe	80.00	0.011	150	106.400	104.965	106.150
P3.000	36.957	Pipe	80.00	0.011	100	105.150	103.800	105.000


Name	Downstream Invert Elevation (m)	Part Family	Lock	Culvert Type	Culvert Entrance
P1.000	110.632		Elevations	(None)	(None)
P1.001	108.881		Elevations	(None)	(None)
P1.002	105.233		Elevations	(None)	(None)
P1.003	104.635		Elevations	(None)	(None)
P1.004	104.399		Elevations	(None)	(None)
P1.005	103.799		Elevations	(None)	(None)
P1.006	103.714		Elevations	(None)	(None)
P1.007	103.155		Elevations	(None)	(None)
P1.008	102.665		Elevations	(None)	(None)
P1.009	102.170		Elevations	(None)	(None)
P2.000	106.688		Elevations	(None)	(None)
P2.001	106.280		Elevations	(None)	(None)
P2.002	105.552		Elevations	(None)	(None)
P2.003	104.965		Elevations	(None)	(None)
P2.004	104.175		Elevations	(None)	(None)
P3.000	103.338		Elevations	(None)	(None)

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Name	Cover Elevation (m) Invert Elevation (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
FMH1	112.900 111.550	Diameter / Length: 1.200					Manhole - Access Required
E:644413.795 N:738902.601	1.350		{a} P1.000	Pipe	111.550	Diam/Width:150	Not Applicable
FMH2	113.290 109.499	Diameter / Length: 1.200	{1} P1.000	Pipe	110.632	Diam/Width:150	Manhole - Access Required
E:644360.729 N:738917.453	3.791		{a} P1.001	Pipe	109.499	Diam/Width:150	Not Applicable
FMH3	110.750 107.110	Diameter / Length: 1.200	{1} P1.001	Pipe	108.881	Diam/Width:150	Manhole - Access Required
E:644370.693 N:738953.157	3.640		{a} P1.002	Pipe	107.110	Diam/Width:150	Not Applicable
FMH4	106.660 105.233	Diameter / Length: 1.200	{1} P1.002	Pipe	105.233	Diam/Width:150	Manhole - Access Required
E:644439.230 N:738983.854	1.427		{a} P1.003	Pipe	105.233	Diam/Width:225	Not Applicable
FMH5	106.150 104.635	Diameter / Length: 1.200	{1} P1.003	Pipe	104.635	Diam/Width:225	Manhole - Access Required
E:644521.127 N:739020.454	1.515		{a} P1.004	Pipe	104.635	Diam/Width:225	Not Applicable

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			Outgoing Connections				Cover
FMH6	106.000 104.399	Diameter / Length: 1.200	{1} P1.004	Pipe	104.399	Diam/Width:225	Manhole - Access Required
E:644553.550 N:739034.942	1.601		{a} P1.005	Pipe	104.399	Diam/Width:225	
FMH7	106.180 103.799	Diameter / Length: 1.200	{1} P1.005	Pipe	103.799	Diam/Width:225	Manhole - Access Required
E:644516.909 N:739117.012	2.381		{a} P1.006	Pipe	103.799	Diam/Width:225	
FMH8	106.150 103.714	Diameter / Length: 1.200	{1} P1.006	Pipe	103.714	Diam/Width:225	Manhole - Access Required
E:644517.276 N:739129.821	2.436		{2} P2.004	Pipe	104.175	Diam/Width:150	
			{a} P1.007	Pipe	103.714	Diam/Width:225	
FMH13	106.400 104.965	Diameter / Length: 1.200	{1} P2.003	Pipe	104.965	Diam/Width:150	Manhole - Access Required
E:644459.402 N:739104.413	1.435		{a} P2.004	Pipe	104.965	Diam/Width:150	

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			Outgoing Connections				Cover
FMH12	108.100 105.552	Diameter / Length: 1.200	{1} P2.002	Pipe	105.552	Diam/Width:150	Manhole - Access Required
E:644416.373 N:739085.667	2.548		{a} P2.003	Pipe	105.552	Diam/Width:150	Not Applicable
FMH11	108.300 106.280	Diameter / Length: 1.200	{1} P2.001	Pipe	106.280	Diam/Width:150	Manhole - Access Required
E:644392.691 N:739138.833	2.020		{a} P2.002	Pipe	106.280	Diam/Width:150	Not Applicable
FMH10	108.400 106.688	Diameter / Length: 1.200	{1} P2.000	Pipe	106.688	Diam/Width:150	Manhole - Access Required
E:644379.211 N:739168.600	1.712		{a} P2.001	Pipe	106.688	Diam/Width:150	Not Applicable
FMH9	108.570 107.070	Diameter / Length: 1.200					Manhole - Access Required
E:644366.857 N:739196.542	1.500		{a} P2.000	Pipe	107.070	Diam/Width:150	Not Applicable
FMH14	105.750 103.155	Diameter / Length: 1.200	{1} P1.007	Pipe	103.155	Diam/Width:225	Manhole - Access Required
E:644593.895 N:739163.587	2.595		{a} P1.008	Pipe	103.155	Diam/Width:225	Not Applicable

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Coordinates (m)	Depth (m)		Outgoing Connections				Cover
FMH15	105.375 102.665	Diameter / Length: 1.200	{1} P1.008	Pipe	102.665	Diam/Width:225	Manhole - Access Required
E:644660.376 N:739194.912	2.710		{a} P1.009	Pipe	102.665	Diam/Width:225	Not Applicable
FMH16	105.000 102.170	Diameter / Length: 1.200	{1} P1.009	Pipe	102.170	Diam/Width:225	Manhole - Access Required
E:644728.566 N:739224.421	2.830		{2} P3.000	Pipe	103.338	Diam/Width:100	Not Applicable
							Not Applicable
FMH17	105.150 103.800	Diameter / Length: 1.200					Manhole
E:644695.993 N:739241.879	1.350		{a} P3.000	Pipe	103.800	Diam/Width:100	Not Applicable