


Project: ADMIRAL	Date: 16/06/2025		
	Designed by: TG & JH	Checked by: DML	Approved By: DML
Report Details: Type: Connections Sanitary Phase: Phase (2)	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)
P100.000	75.037	Pipe	125.270	0.011	150	109.269	107.919	108.670
P100.001	74.971	Pipe	97.365	0.011	150	108.670	107.320	107.900
P100.002	75.020	Pipe	91.265	0.011	150	107.900	106.550	107.078
P100.003	75.004	Pipe	78.786	0.011	150	107.078	105.728	106.126
P100.004	74.998	Pipe	51.228	0.011	150	106.126	104.776	104.662
P100.005	75.011	Pipe	79.629	0.011	150	104.662	103.312	103.720
P100.006	74.959	Pipe	30.595	0.011	150	103.720	102.370	101.270
P100.007	75.038	Pipe	46.036	0.011	150	101.270	99.920	99.640
P100.008	74.977	Pipe	46.861	0.011	150	99.640	98.290	98.040
P100.009	75.020	Pipe	78.146	0.011	150	98.040	96.690	97.080
P100.010	74.997	Pipe	96.895	0.011	150	97.080	95.730	96.306
P100.011	74.805	Pipe	172.361	0.011	150	96.306	94.956	95.872
P100.012	74.887	Pipe	172.948	0.011	150	95.872	94.522	95.439
P100.013	74.959	Pipe	170.749	0.011	150	95.439	94.089	95.000
P100.014	75.012	Pipe	150.892	0.011	150	95.000	93.650	95.288
P100.015	74.895	Pipe	150.012	0.011	150	95.288	93.153	95.576
P100.016	75.057	Pipe	150.344	0.011	150	95.576	92.654	95.864
P100.017	36.345	Pipe	143.902	0.011	150	95.864	92.154	96.000


Name	Downstream Invert Elevation (m)	Part Family	Lock	Culvert Type	Culvert Entrance
P100.000	107.320		None	(None)	(None)
P100.001	106.550		None	(None)	(None)
P100.002	105.728		None	(None)	(None)
P100.003	104.776		None	(None)	(None)
P100.004	103.312		None	(None)	(None)
P100.005	102.370		None	(None)	(None)
P100.006	99.920		None	(None)	(None)
P100.007	98.290		None	(None)	(None)
P100.008	96.690		None	(None)	(None)
P100.009	95.730		None	(None)	(None)
P100.010	94.956		None	(None)	(None)
P100.011	94.522		None	(None)	(None)
P100.012	94.089		None	(None)	(None)
P100.013	93.650		None	(None)	(None)
P100.014	93.153		None	(None)	(None)
P100.015	92.654		None	(None)	(None)
P100.016	92.154		None	(None)	(None)
P100.017	91.902		None	(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
FMH100	109.269 107.919	Diameter / Length: 1.200					Manhole
E:644951.801 N:739602.699	1.350		{a} P100.000	Pipe	107.919	Diam/Width:150	Not Applicable
FMH101	108.670 107.320	Diameter / Length: 1.200	{1} P100.000	Pipe	107.320	Diam/Width:150	Manhole
E:645020.077 N:739633.825	1.350		{a} P100.001	Pipe	107.320	Diam/Width:150	Not Applicable
FMH102	107.900 106.550	Diameter / Length: 1.200	{1} P100.001	Pipe	106.550	Diam/Width:150	Manhole
E:645088.099 N:739665.349	1.350		{a} P100.002	Pipe	106.550	Diam/Width:150	Not Applicable
FMH103	107.078 105.728	Diameter / Length: 1.200	{1} P100.002	Pipe	105.728	Diam/Width:150	Manhole
E:645156.179 N:739696.863	1.350		{a} P100.003	Pipe	105.728	Diam/Width:150	Not Applicable
FMH104	106.126 104.776	Diameter / Length: 1.200	{1} P100.003	Pipe	104.776	Diam/Width:150	Manhole
E:645224.489 N:739727.836	1.350		{a} P100.004	Pipe	104.776	Diam/Width:150	Not Applicable

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			Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
Coordinates (m)	Depth (m)		Outgoing Connections				Cover
FMH105	104.662 103.312	Diameter / Length: 1.200	{1} P100.004	Pipe	103.312	Diam/Width:150	Manhole
E:645292.630 N:739759.166	1.350		{a} P100.005	Pipe	103.312	Diam/Width:150	Not Applicable
FMH106	103.720 102.370	Diameter / Length: 1.200	{1} P100.005	Pipe	102.370	Diam/Width:150	Manhole
E:645360.794 N:739790.476	1.350		{a} P100.006	Pipe	102.370	Diam/Width:150	Not Applicable
FMH107	101.270 99.920	Diameter / Length: 1.200	{1} P100.006	Pipe	99.920	Diam/Width:150	Manhole
E:645428.957 N:739821.662	1.350		{a} P100.007	Pipe	99.920	Diam/Width:150	Not Applicable
FMH108	99.640 98.290	Diameter / Length: 1.200	{1} P100.007	Pipe	98.290	Diam/Width:150	Manhole
E:645497.319 N:739852.604	1.350		{a} P100.008	Pipe	98.290	Diam/Width:150	Not Applicable
FMH109	98.040 96.690	Diameter / Length: 1.200	{1} P100.008	Pipe	96.690	Diam/Width:150	Manhole
E:645565.419 N:739883.972	1.350		{a} P100.009	Pipe	96.690	Diam/Width:150	Not Applicable

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Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
FMH110	97.080 95.730	Diameter / Length: 1.200	{1} P100.009	Pipe	95.730	Diam/Width:150	Manhole
E:645633.579 N:739915.311	1.350		{a} P100.010	Pipe	95.730	Diam/Width:150	Not Applicable
FMH111	96.306 94.956	Diameter / Length: 1.200	{1} P100.010	Pipe	94.956	Diam/Width:150	Manhole
E:645701.458 N:739947.202	1.350		{a} P100.011	Pipe	94.956	Diam/Width:150	Not Applicable
FMH112	95.872 94.522	Diameter / Length: 1.200	{1} P100.011	Pipe	94.522	Diam/Width:150	Manhole
E:645768.053 N:739981.271	1.350		{a} P100.012	Pipe	94.522	Diam/Width:150	Not Applicable
FMH113	95.439 94.089	Diameter / Length: 1.200	{1} P100.012	Pipe	94.089	Diam/Width:150	Manhole
E:645832.205 N:740019.904	1.350		{a} P100.013	Pipe	94.089	Diam/Width:150	Not Applicable
FMH114	95.000 93.650	Diameter / Length: 1.200	{1} P100.013	Pipe	93.650	Diam/Width:150	Manhole
E:645890.122 N:740067.490	1.350		{a} P100.014	Pipe	93.650	Diam/Width:150	Not Applicable

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Coordinates (m)	Depth (m)		Outgoing Connections				Cover
FMH115	95.288 93.153	Diameter / Length: 1.200	{1} P100.014	Pipe	93.153	Diam/Width:150	Manhole
E:645945.066 N:740118.559	2.135		{a} P100.015	Pipe	93.153	Diam/Width:150	Not Applicable
FMH116	95.576 92.654	Diameter / Length: 1.200	{1} P100.015	Pipe	92.654	Diam/Width:150	Manhole
E:645997.417 N:740172.118	2.922		{a} P100.016	Pipe	92.654	Diam/Width:150	Not Applicable
FMH117	95.864 92.154	Diameter / Length: 1.200	{1} P100.016	Pipe	92.154	Diam/Width:150	Manhole
E:646050.966 N:740224.711	3.710		{a} P100.017	Pipe	92.154	Diam/Width:150	Not Applicable
FMH118	96.000 91.902	Diameter / Length: 1.200	{1} P100.017	Pipe	91.902	Diam/Width:150	Manhole
E:646076.661 N:740250.416	4.098						Not Applicable