



Sewer Schedule										
Name	Y-Coord	X-Coord	Cover	Inlet	Depth	Length	Slope	Type	Size	
MH269	-53623.10	3470637.74	570.75	569.39	1.36	48.47	3.82	%PVC-U	160 mm	
MH270	-53574.64	3470637.39	568.90	567.51	1.39	56.89	8.95	%PVC-U	160 mm	
MH271	-53574.93	3470580.50	563.78	562.39	1.39	23.68	3.38	%PVC-U	160 mm	
MH272	-53589.04	3470581.48	562.62	561.59	1.03					
MH274	-53679.84	3470523.32	562.51	561.15	1.36	23.02	1.66	%PVC-U	160 mm	
MH275	-53700.11	3470512.41	562.34	560.74	1.61					
MH276	-53701.05	3470503.02	561.58	560.52	1.06					
MH277	-53715.45	3470504.41	562.08	560.72	1.36					
MH278	-53752.89	3470483.99	561.72	560.16	1.56	42.64	1.25	%PVC-U	160 mm	
MH279	-53752.48	3470472.55	560.86	559.80	1.06	11.45	3.11	%PVC-U	160 mm	
MH280	-53827.94	3470443.26	561.66	560.30	1.36					
MH281	-53862.96	3470424.73	561.46	559.78	1.68	39.62	1.25	%PVC-U	160 mm	
MH282	-53866.31	3470411.75	560.12	558.77	1.36	14.59	6.92	%PVC-U	160 mm	
MH283	-53899.54	3470405.09	561.87	560.51	1.36	74.10	1.25	%PVC-U	160 mm	
MH284	-53962.19	3470365.51	561.57	559.56	2.01	27.47	7.06	%PVC-U	160 mm	
MH285	-53948.65	3470341.61	559.00	557.61	1.39					
MH274	-53679.84	3470523.32	562.51	561.15	1.36					
MH277	-53715.45	3470504.41	562.08	560.72	1.36					
MH280	-53827.94	3470443.26	561.66	560.30	1.36					

BENCH MARKS
(WGS 84 Lo = 29)
16mm PEG IN CONCRETE

Name	Y Co-ord	X Co-ord	Height
BM1	-53150.18	3470371.65	562.722
BM2	-53259.02	3470743.49	569.598
BM3	-53559.38	3470582.25	563.413
BM4N	-54036.16	3470295.45	561.691
BM5	-54194.64	3469865.94	552.584
BM6N	-54173.62	3469551.30	541.106
BM7	-54420.47	3469534.59	542.937
BM8	-54602.56	3469605.56	534.734
BM9	-54962.68	3469858.32	532.258
BM10	-55124.69	3470097.31	539.505
BM11N	-55278.77	3470209.37	538.365
BM12	-55417.76	3470206.85	532.658
BM13	-55527.25	3470498.30	534.251
BM14	-55198.47	3470857.30	550.636
BM15	-55113.18	3471213.19	533.338
BM16	-54702.83	3471105.37	547.184
BM17N	-54589.10	3470816.37	557.286
BM18N	-54387.38	3471152.73	560.729
BM19	-54198.47	3471552.44	562.323
BM20	-53810.21	3471607.79	567.013
BM21	-53562.80	3471635.51	579.429
BM22	-54988.93	3471535.68	572.038
BM23	-55124.29	3471495.36	580.627
BM24	-55357.29	3471755.64	582.194
BM25N	-55452.25	3471979.79	581.060
BM26	-55422.32	3472343.53	590.483
BM27	-55148.29	3472567.22	587.988
BM28N	-55493.80	3472732.48	602.445
BM29	-55070.40	3472988.99	600.959
BM30	-56074.52	3472314.47	610.769

GENERAL NOTES:

- All Work To Be Done According To The Project Specifications.
- All Levels And Dimensions To Be Checked On The Site Prior To Commencement Of Any Construction.
- All Setting Out Coordinates Are On The WGS84, LOZ System. Coordinates To Be Checked Prior To Any Construction.
- All Existing Services To Be Exposed To Establish Exact Levels Before Construction May Commence.
- The Contractor Must Liaise With Responsible Service Providers With Respect To Affected Services And Protection Thereof.
- The Contractor Must Liaise With The Roads & Stormwater Division With Respect To Reinstatement Of Road Surfacing & Sidewalks.
- Where Applicable Trenchfill To Extend 1m On Either Side Of The Road Edge.
- All Conditions As Specified In The Environmental Management Plan, Must Be Complied With.
- Maximum Deflection Angle At Couplings To Comply With Minimum Recommended By Pipe Manufacturer.
- All Future Sewer Reticulation Pipelines To Be 160mmØ. Connections Into Manholes To Be As Directed On Site By The Engineer.
- Existing Sewer Reticulation To Be Confirmed On Site. Connections Into Manholes To Be As Directed On Site By The Engineer.
- Existing Septic And Conservancy Tanks to be confirmed on site and house connections to be adjusted as directed by the Engineer.
- Where two invert levels are given, they refer to invert levels at the centre of the manhole.

LEGEND

LUSIKISKI HILBROW SITE LIMITS

PROPOSED Ø110mm ERF CONNECTING SEWERS

PROPOSED Ø160mm SEWER RETICULATION

EXISTING INTERCEPTOR SEWERS

<div><div></div>SEWER PIPE</div> <div><div></div>NGL</div>	
SCALE	
VERTICAL	1 : 250
HORIZONTAL	1 : 1000

Chainage				
Ground Level				
Manhole Name				
Invert Level				
Link Type / Link Size				
Length / Slope				
Flow				
Capacity				
Velocity/Full-bore Velocity				
Depth				

	0.000	48.466	105.358	129.042
MH269	516.751	588.830	563.780	562.042
	569.354	567.543	562.423	561.692
		567.513	562.393	561.562
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MH269 to MH272

MH274 to MH276

MH277 to MH279

MH280 to MH282

MH283 to MH285

FOR TENDER PURPOSES