

Sewer Schedule									
Name	Y-Coord	X-Coord	Cover	Inlet	Depth	Length	Slope	Type	Size
MH258	-54060.01	3470386.08	570.57	569.22	1.36				
MH259	-54000.26	3470418.42	569.30	567.95	1.36	67.94	1.87	%PVC-U	160 mm
MH260	-53940.51	3470450.77	567.59	566.29	1.29	67.94	2.44	%PVC-U	160 mm
MH261	-53880.76	3470483.11	567.45	566.41	2.04	67.94	1.30	%PVC-U	160 mm
MH249	-53821.01	3470515.46	566.62	564.50	2.12				
MH262	-53668.78	3470597.86	568.26	566.91	1.36	45.15	1.25	%PVC-U	160 mm
MH263	-53708.49	3470576.37	568.13	566.31	1.82	43.01	1.25	%PVC-U	160 mm
MH264	-53746.32	3470555.89	567.71	565.75	1.96	40.03	1.25	%PVC-U	160 mm
MH265	-53781.52	3470536.83	566.65	565.22	1.44	44.90	1.53	%PVC-U	160 mm
MH249	-53821.01	3470515.46	566.62	564.50	2.12				
MH266	-53728.85	3470614.06	572.30	570.95	1.36	42.84	10.74	%PVC-U	160 mm
MH263	-53708.49	3470576.37	568.13	566.31	1.82				
MH267	-53786.77	3470593.75	571.60	570.24	1.36				
MH264	-53746.32	3470555.89	567.71	565.75	1.96	43.03	10.37	%PVC-U	160 mm
MH268	-53802.10	3470574.81	571.19	569.83	1.36	43.20	10.62	%PVC-U	160 mm
MH265	-53781.52	3470536.83	566.65	565.22	1.44				

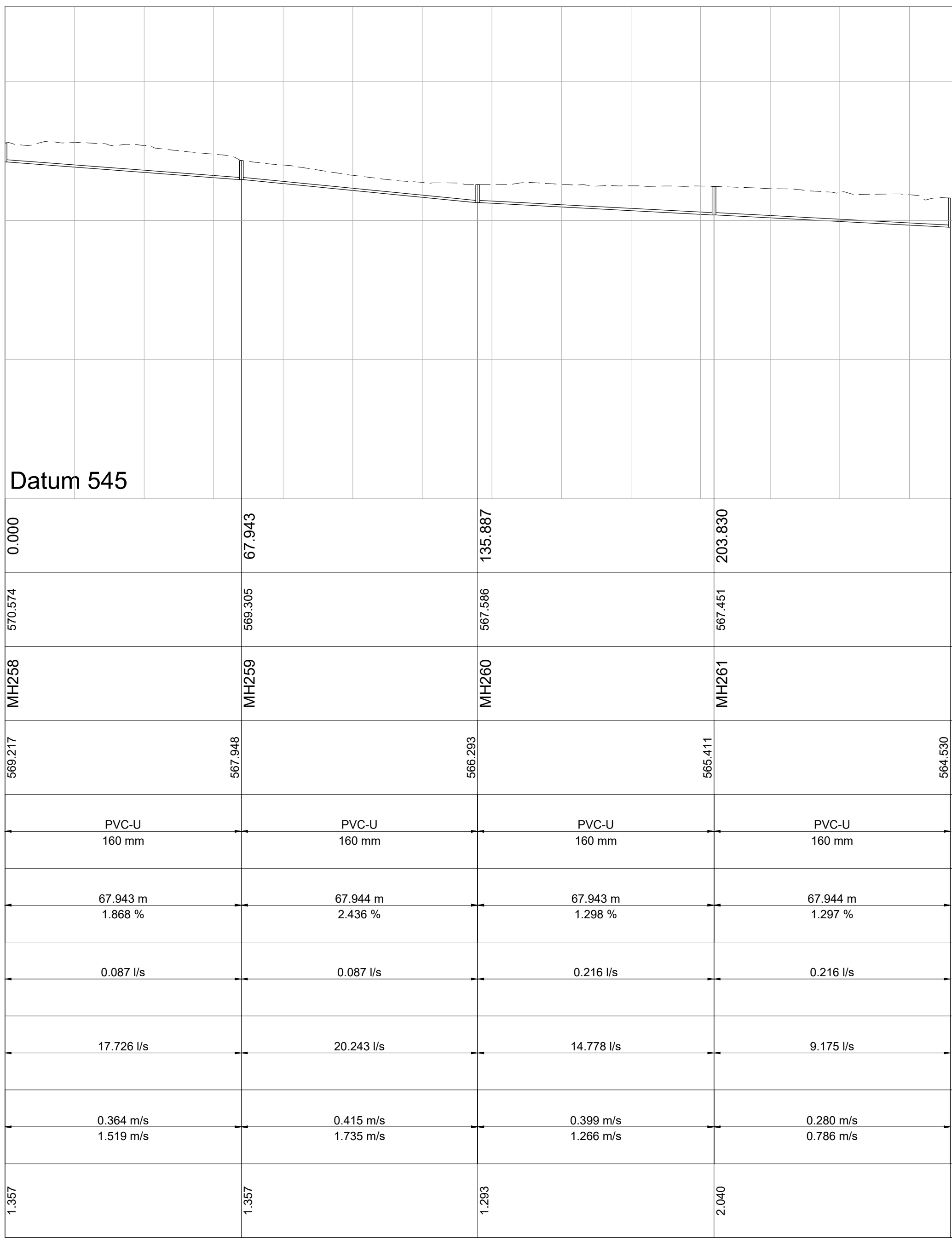
BENCH MARKS (WGS 84 Lo = 29) 16mm PEG IN CONCRETE			
Name	Y Co-ord	X Co-ord	Height
BM1	-53160.18	3470371.65	582.722
BM2	-53259.02	3470743.49	569.598
BM3	-53559.38	3470582.25	563.413
BM4N	-54036.16	3470295.45	561.691
BM5	-54144.64	3469945.94	552.584
BM6N	-54173.62	3469551.30	541.106
BM7	-54420.47	3469534.59	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	3470489.30	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	-54188.47	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, LO29 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 Trench/Inlet 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 160mmID. 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.

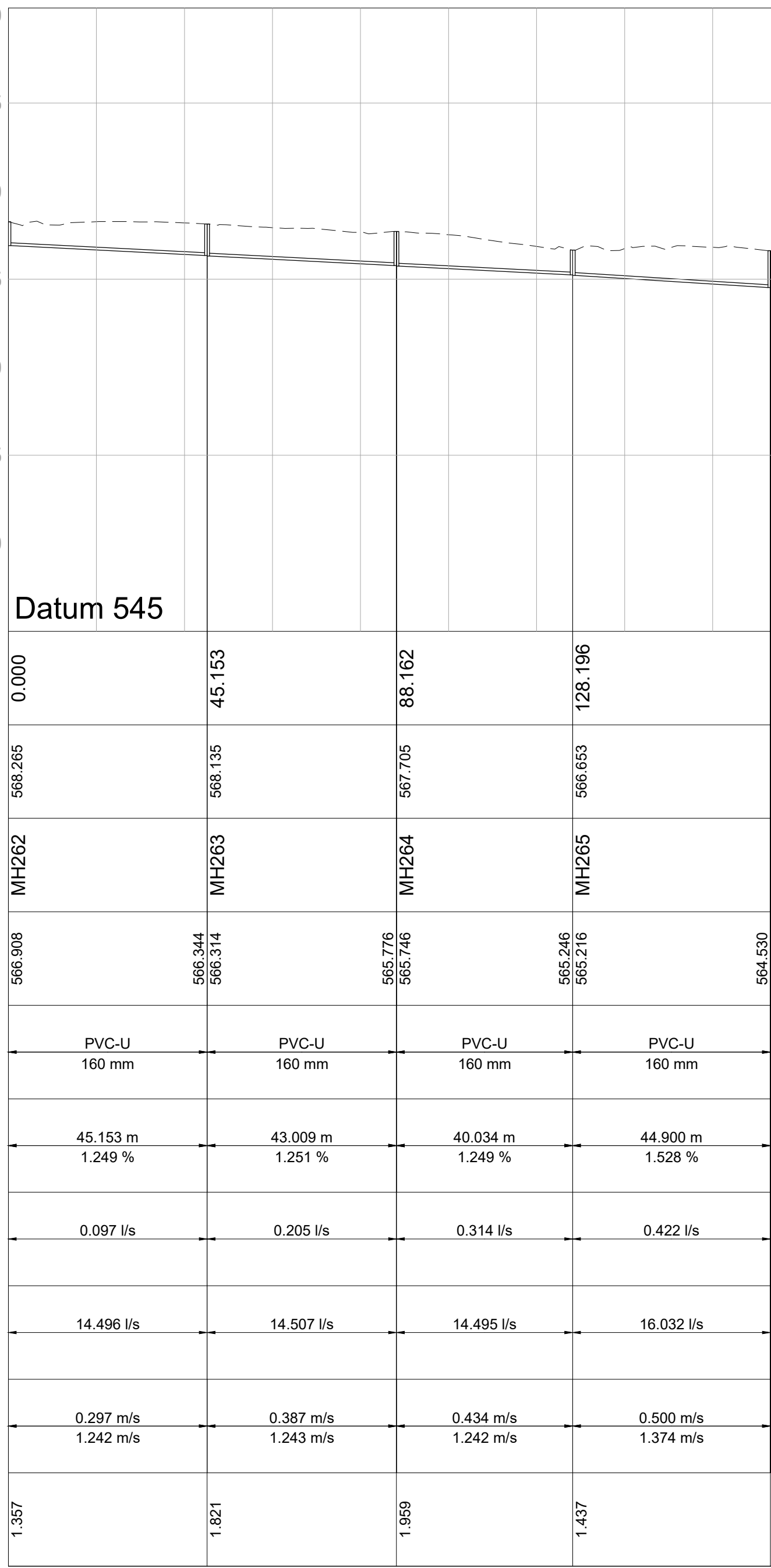
LEGEND

- LUSIKISIKI HILBROW SITE LIMITS
- PROPOSED Ø110mm ERF CONNECTING SEWERS
- PROPOSED Ø160mm SEWER RETICULATION
- EXISTING INTERCEPTOR SEWERS

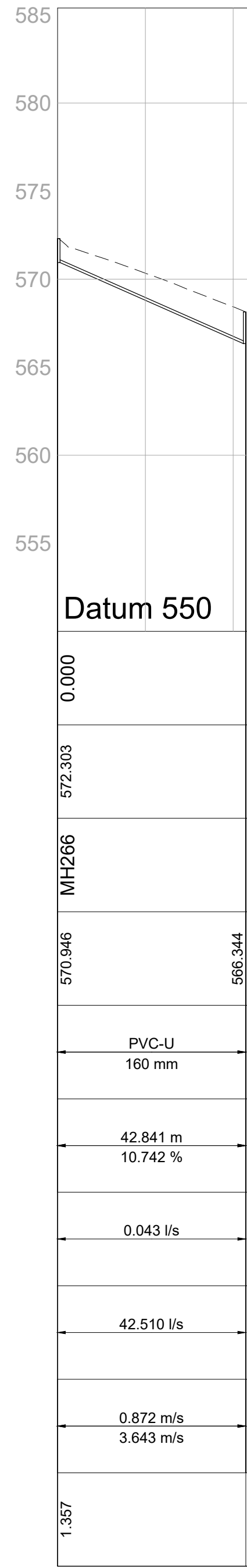
SCALE	
VERTICAL	1 : 250
HORIZONTAL	1 : 1000
Chainage	
Ground Level	
Manhole Name	
Invert Level	
Link Type / Link Size	
Length / Slope	
Flow	
Capacity	
Velocity/Full-bore Velocity	
Depth	



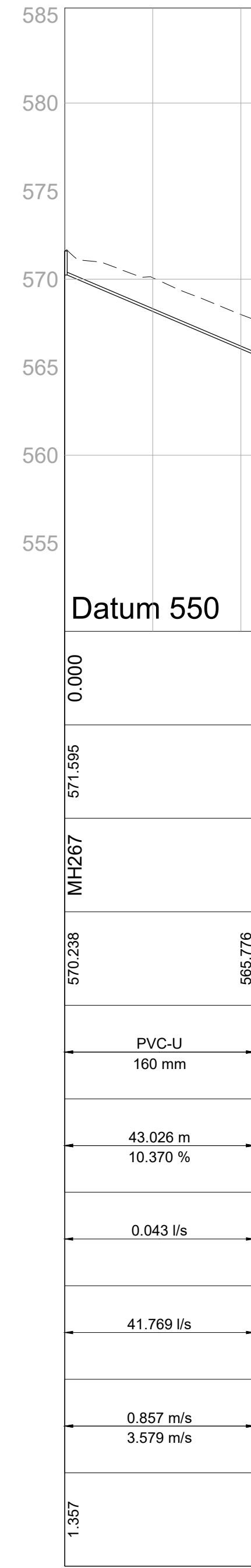
MH258 to MH249



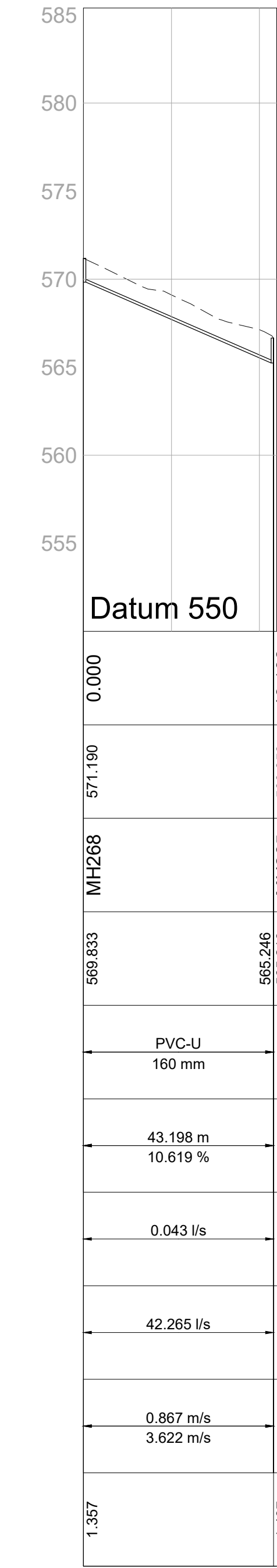
MH262 to MH249



MH266 to MH263



MH267 to MH264



MH268 to MH265

FOR TENDER PURPOSES