

Sewer Schedule										
Name	Y-Coord	X-Coord	Cover	Inlet	Depth	Length	Slope	Type	Size	
MH253	-54077.80	3470475.93	577.87	576.60	1.27	70.08	1.29 %	PVC-U	160 mm	
MH254	-54021.42	3470517.54	577.47	575.66	1.81	70.08	1.21 %	PVC-U	160 mm	
MH255	-53965.24	3470559.43	576.12	574.79	1.34	84.88	1.25 %	PVC-U	160 mm	
MH256	-53909.21	3470611.52	576.29	573.73	2.57	22.40	1.29 %	PVC-U	160 mm	
MH247	-53876.48	3470622.13	576.12	573.41	2.72					
MH257	-53998.37	3470591.40	579.43	578.07	1.36	46.04	7.07 %	PVC-U	160 mm	
MH255	-53965.24	3470559.43	576.12	574.79	1.34					
MH246A	-53870.03	3470726.15	580.28	578.93	1.36	75.10	3.53 %	PVC-U	160 mm	
MH246B	-53834.35	3470660.07	577.60	576.19	1.41	58.79	1.37 %	PVC-U	160 mm	
MH246	-53885.57	3470631.22	576.73	575.35	1.38					

BENCH MARKS (WGS 84 Lo = 29) 16mm PEG IN CONCRETE			
Name	Y Co-ord	X Co-ord	Height
BM1	-53150.18	3470371.65	582.722
BM2	-53259.02	3470743.49	589.598
BM3	-53559.38	3470592.25	583.413
BM4N	-54036.16	3470295.45	561.691
BM5	-54194.64	3469855.94	552.564
BM6N	-54173.62	3469551.30	541.106
BM7	-54420.47	3469534.59	542.937
BM8	-54802.56	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	-55425.25	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	3472989.99	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 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 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

LUSIKISKI HILBROW SITE LIMITS

PROPOSED Ø110mm ERF CONNECTING SEWERS  
Each Connection to be fixed on site

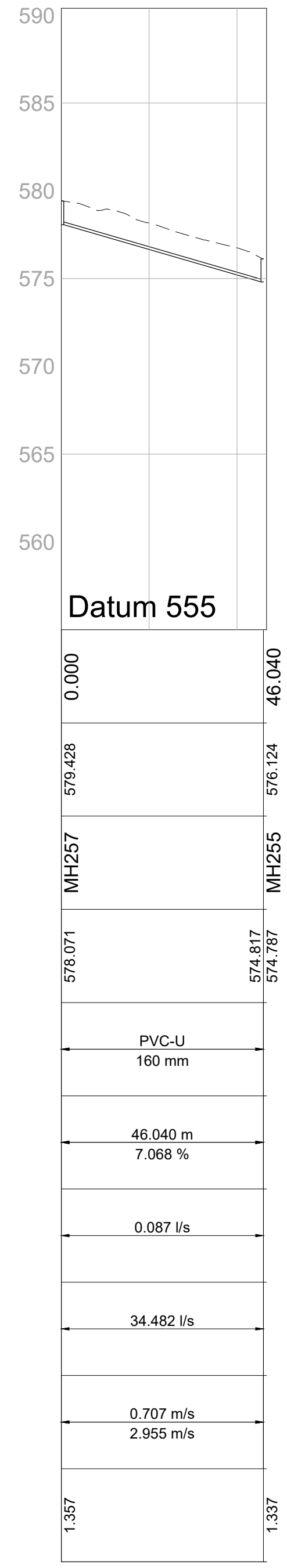
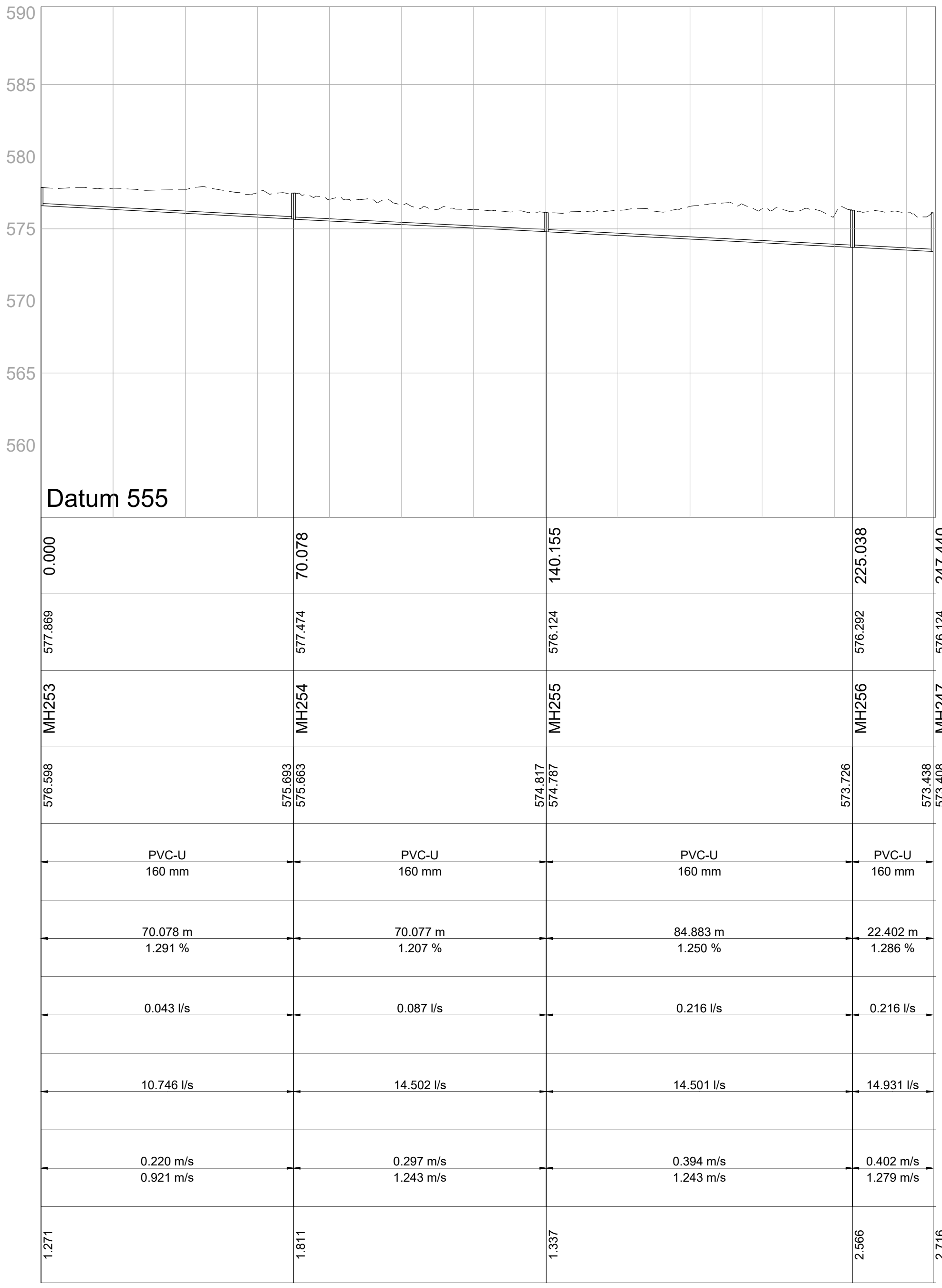
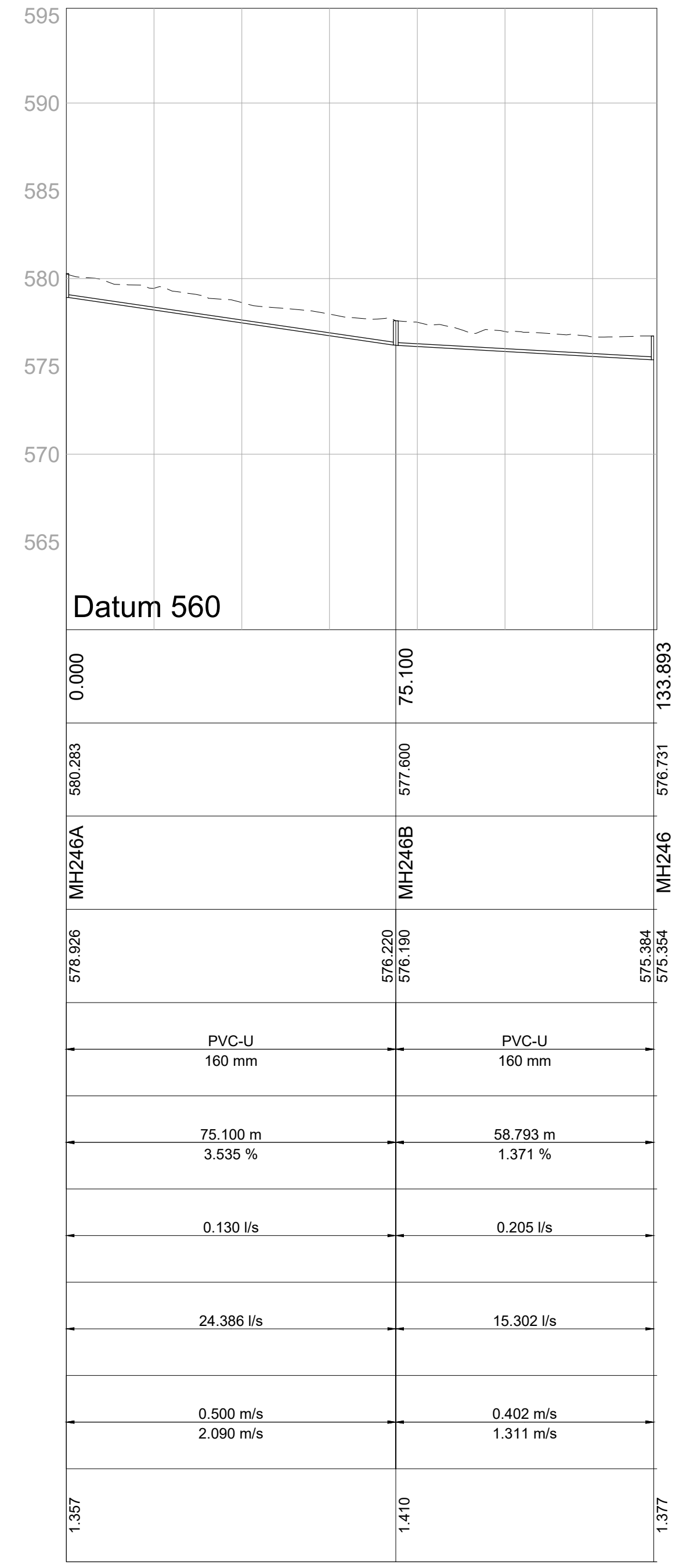
PROPOSED Ø160mm SEWER RETICULATION

EXISTING INTERCEPTOR SEWERS

SEWER PIPE  
NGL

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



MH246A to MH246

MH253 to MH247

MH257 to MH255

FOR TENDER PURPOSES

CLIENT: O.R. TAMBO DISTRICT MUNICIPALITY				SCALE: AS SHOWN		DESIGNED BY: N. LELALA		DRAWN: N. LELALA		DISCIPLINE: CIVIL		DATE: MAY 2020		SIGNATURE: J. FIELD		HATCH		Tshiki Consulting Engineers		PROJECT: LUSIKISKI SEWER RETICULATION		TITLE: PHASE 3A : HILBROW PLAN AND LONSECTIONS SHEET 4 OF 6		SHEET: A0		CONTRACT No.: 20209		DRAWING No.: 20209/03A/00/500/203		REVISION: A			
FIRST ISSUE FOR TENDER				NL		JF																											
REV				DATE		BY		DESCRIPTION		CHECKED		APPROVED		DATE		BY		DESCRIPTION		CHECKED		APPROVED		DATE		BY		DESCRIPTION		CHECKED		APPROVED	