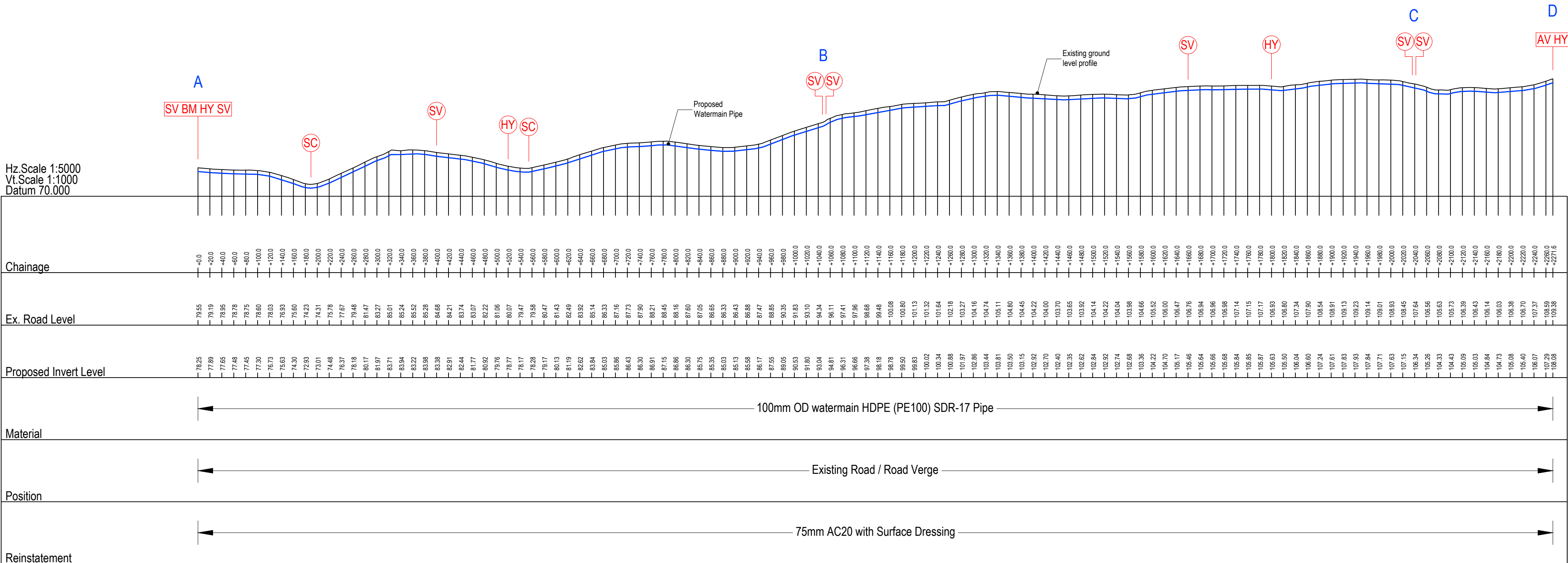
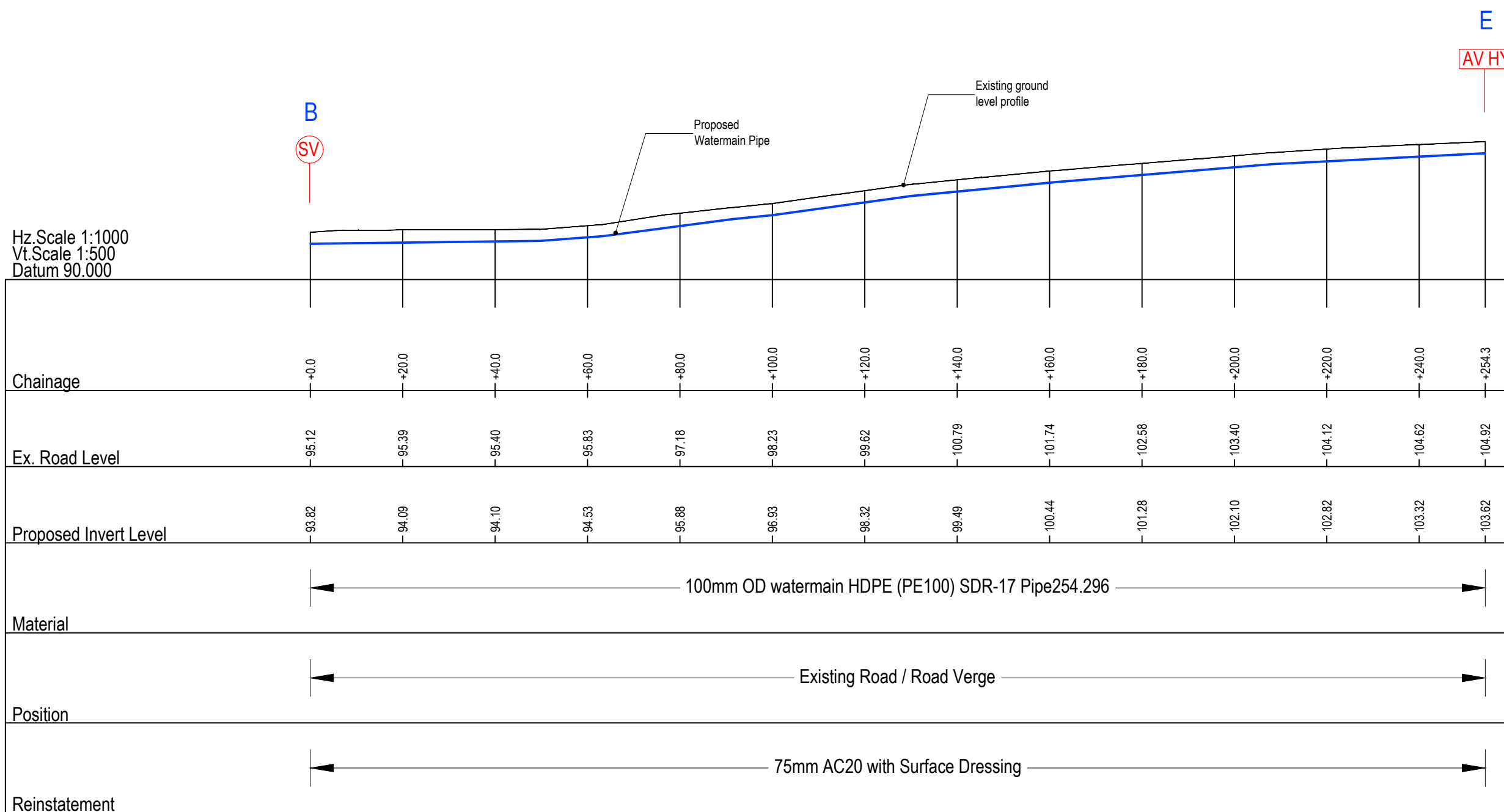
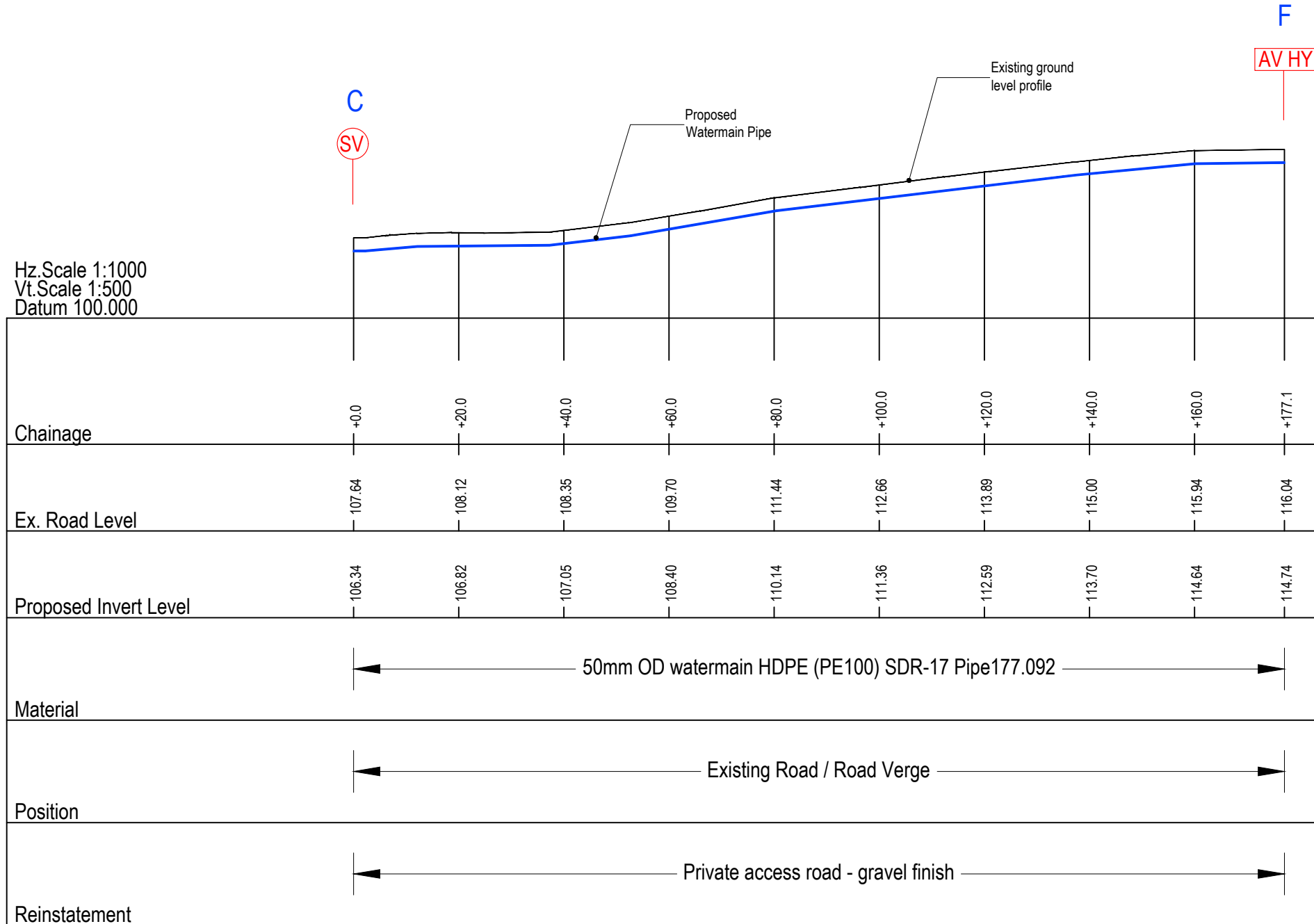




LONGSECTION A - D



LONGSECTION B - E



LONGSECTION C - F

LEGEND	
	Proposed HDPE pipe SDR-17 watermain pipe. Rating to ISEN12201. Diameter as per longsection detail
	Existing pvc watermain pipe
	Proposed 25mm dia HDPE watermain service connection pipe and boundary box location
	Existing overhead power / communication cables and poles
	Existing underground stormwater drainage pipe
	Sluice Valve
	Air Valve
	Scour Valve
	Non-Return Valve
	Pressure Reducing Valve
	Wash Out Hydrant
	Bulk Water Meter
	Fire Water Hydrant
	Metered Connection - Dwelling House
	Metered Connection - Land/Agriculture
	Metered Connection - Combined Domestic and Land/Agriculture
	Metered Connection - Commercial
	Metered Connection - Site

NOTES:

- Any queries or discrepancies are to be notified to the Engineer for clarification.
- Do not scale. Figured dimensions only.
- This drawing is to be read in conjunction with all other relevant Engineer's drawings and specifications associated with the contract documents.
- HDPE watermains shall comply with the requirements of ISEN12201.
- All watermains shall be provided with a minimum cover of 1.00m and all service connections shall be provided with a minimum cover of 600mm.
- All watermains and service connections up to and including each boundary box shall be pressure tested to a minimum test pressure of 137m head (195 p.s.i.).
- All fire water hydrants shall comply with BS750. Hydrants shall have 80mm inlets and 63mm male thread outlets. Hydrant valves shall open anti- clockwise.
- It is the responsibility of the contractor to locate and protect all underground services when excavating trenches for pipelaying. Services shall be located by hand-digging operations. The location of existing services shown on the drawings are approximate only based on best information available. The contractor shall liaise with the relevant authorities to establish the location of all existing services prior to commencement on site.
- All new sluice valves to be installed at beginning of works on existing watermain to enable contractor to use them to isolate smaller sections of watermains while works proceed. In the event where water supply is turned off during the day the client requests that the water supply be returned to all customers by 5pm that evening.
- Rubber tracked excavators to be used at all times for all excavation works on existing road surfaces and road verges.
- Works to be carried out using open trench excavation only. Directional drilling or pipe-bursting methods are not permitted forms of construction for this project unless approved.

Rev	Description	Date

Project: Proposed Upgrade Works for Ardeamush Fernhill Group Water Scheme		
Client: Ardeamush Fernhill GWS Committee		
Drawing Title: Longsection Details		
Scale: As Shown	Drawn By: JQ	
Status: Tender	Dwg Size: A1	Date: 20-7-2026
Job No: 26/710	Dwg No.: 26-710-005	Rev: 0

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