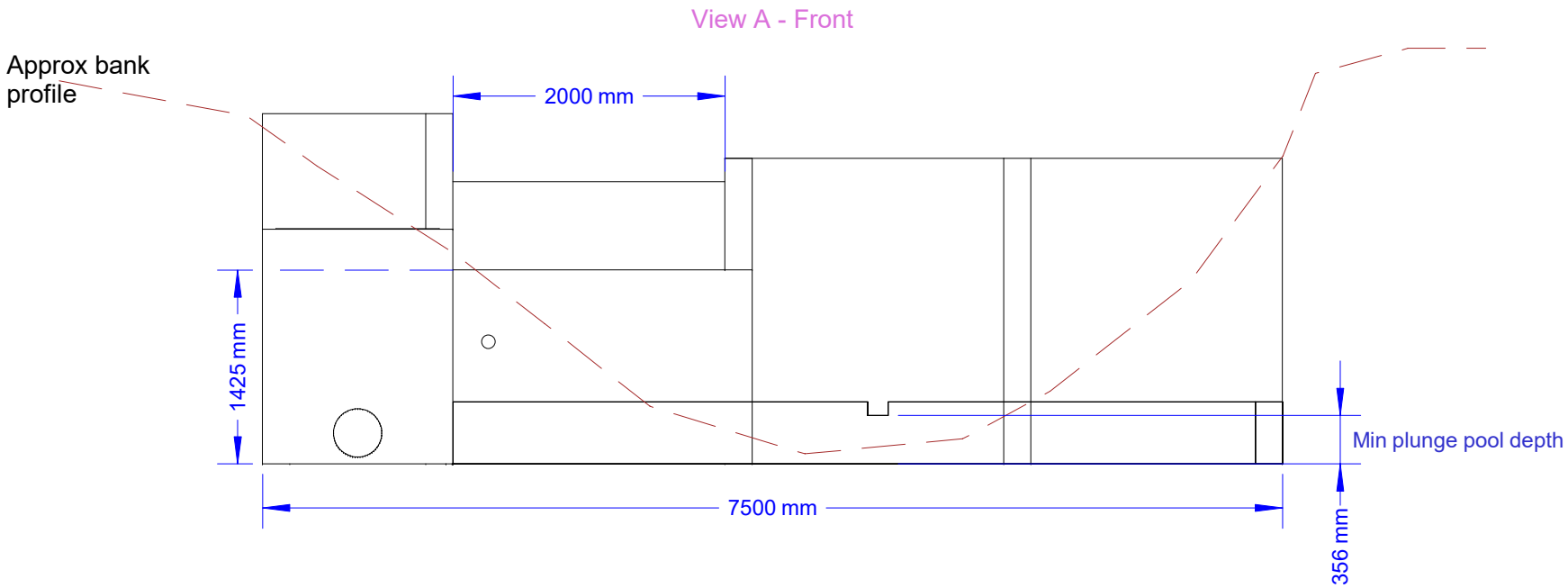
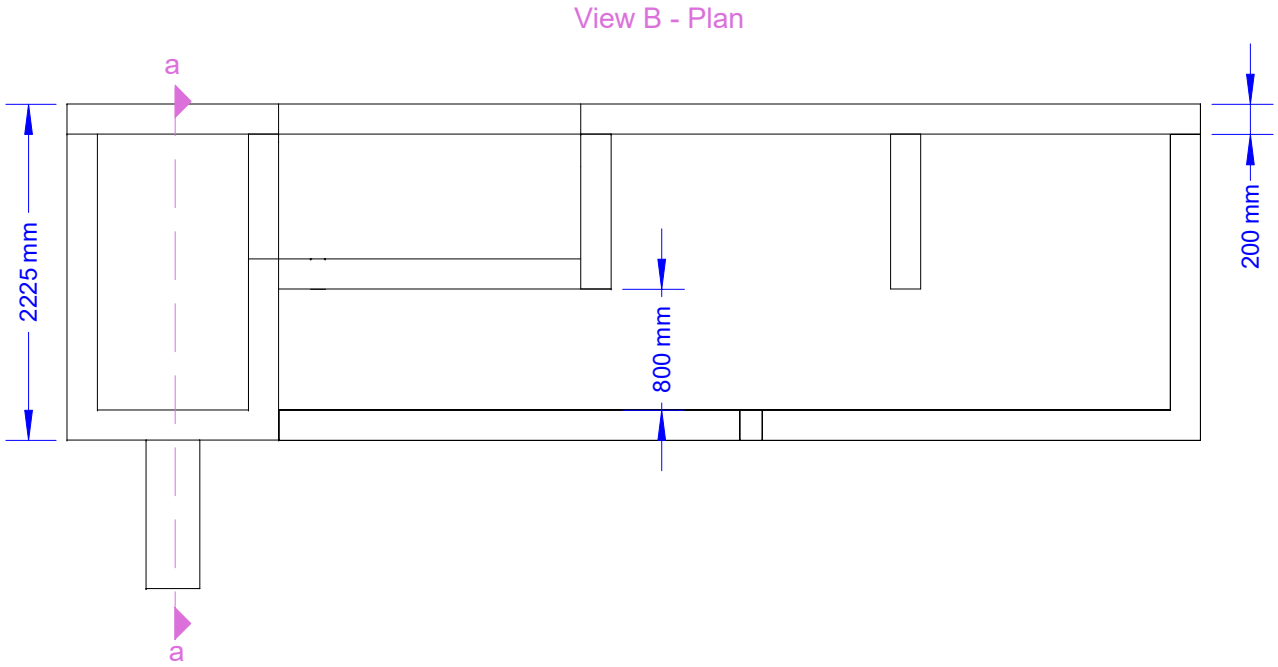
Merkland Intake Design - Structure Dimension





Merkland

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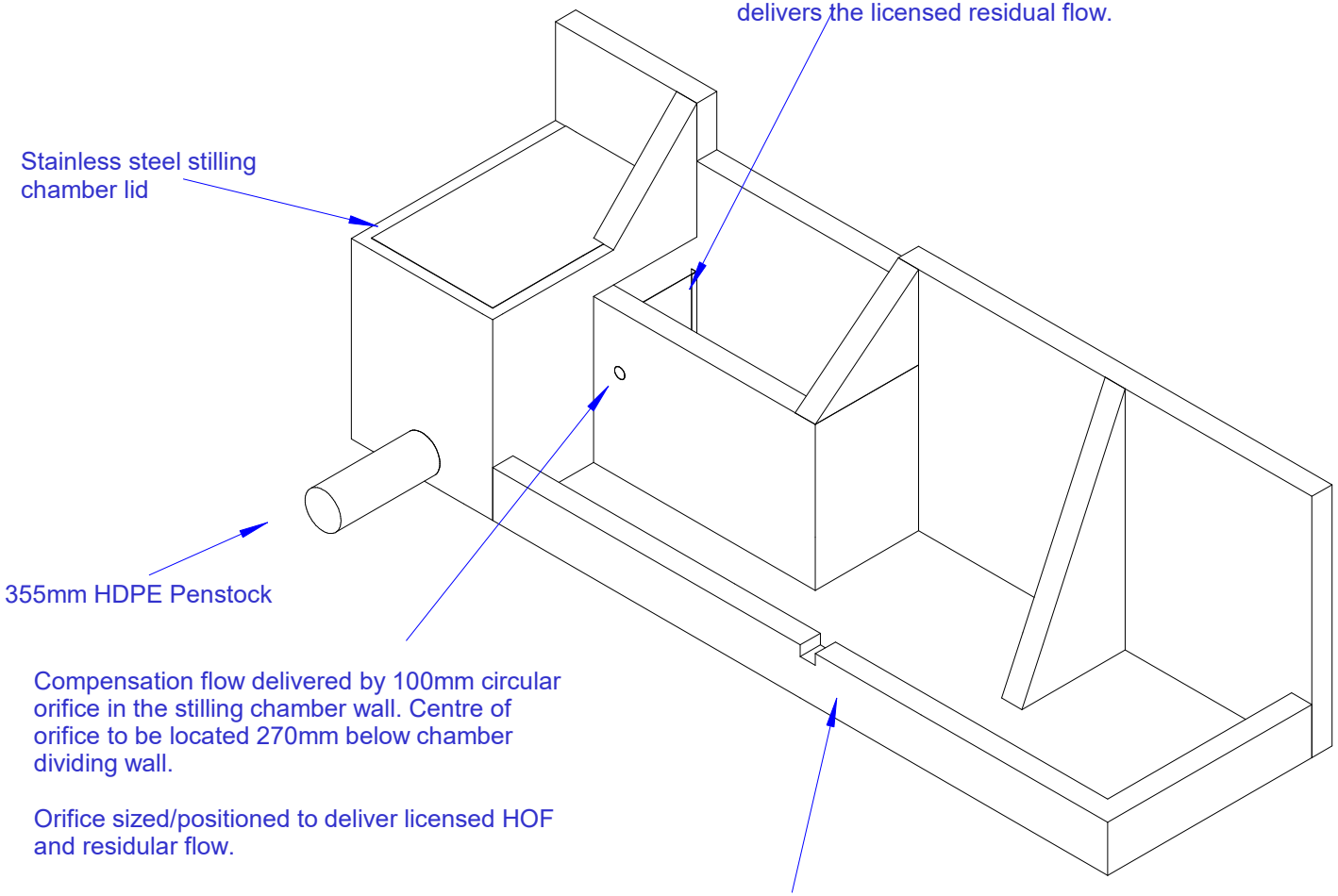
Version details

Merkland Intake Design - Overview

*without coanda



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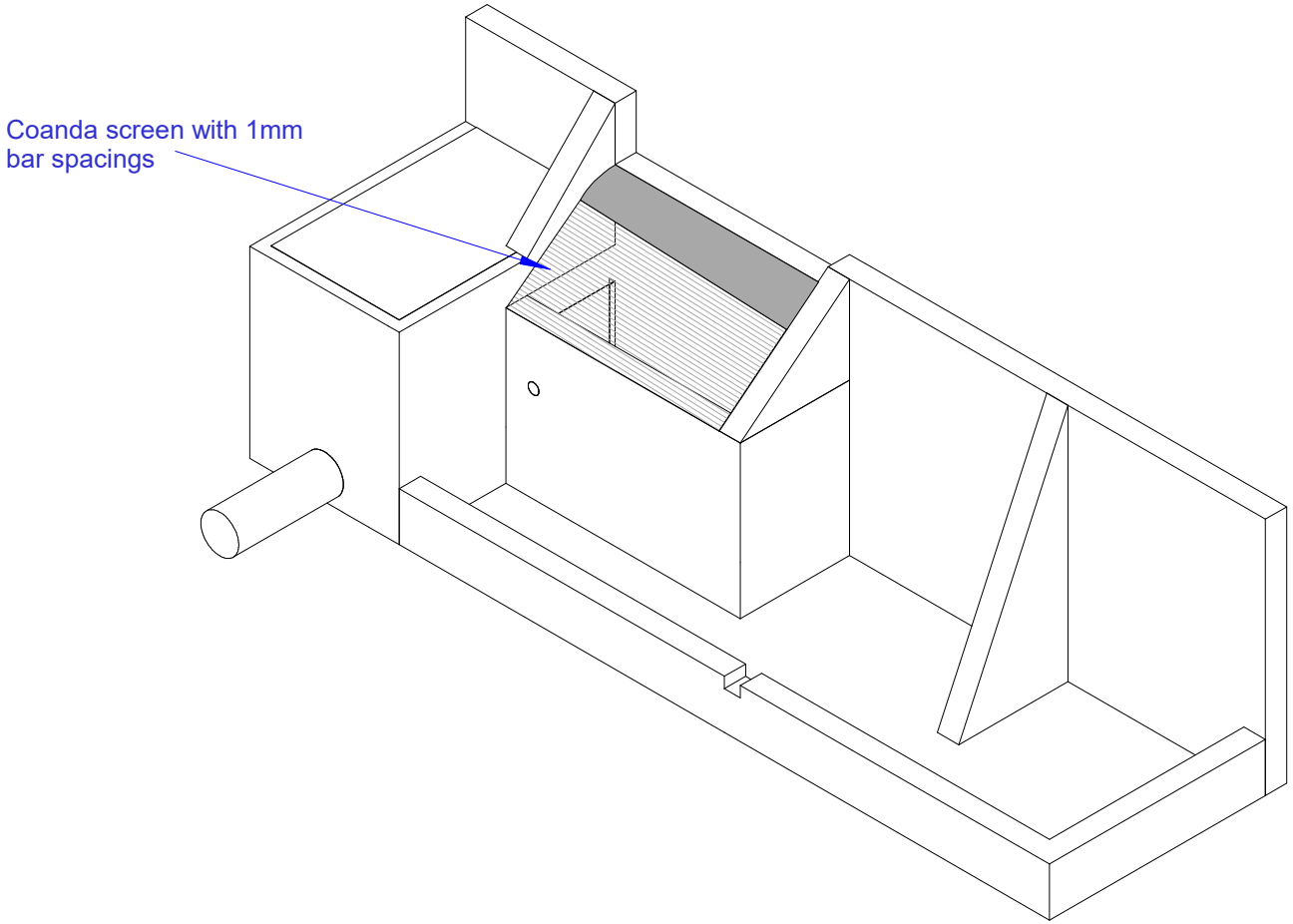
Merkland Intake Design - Overview



Merkland

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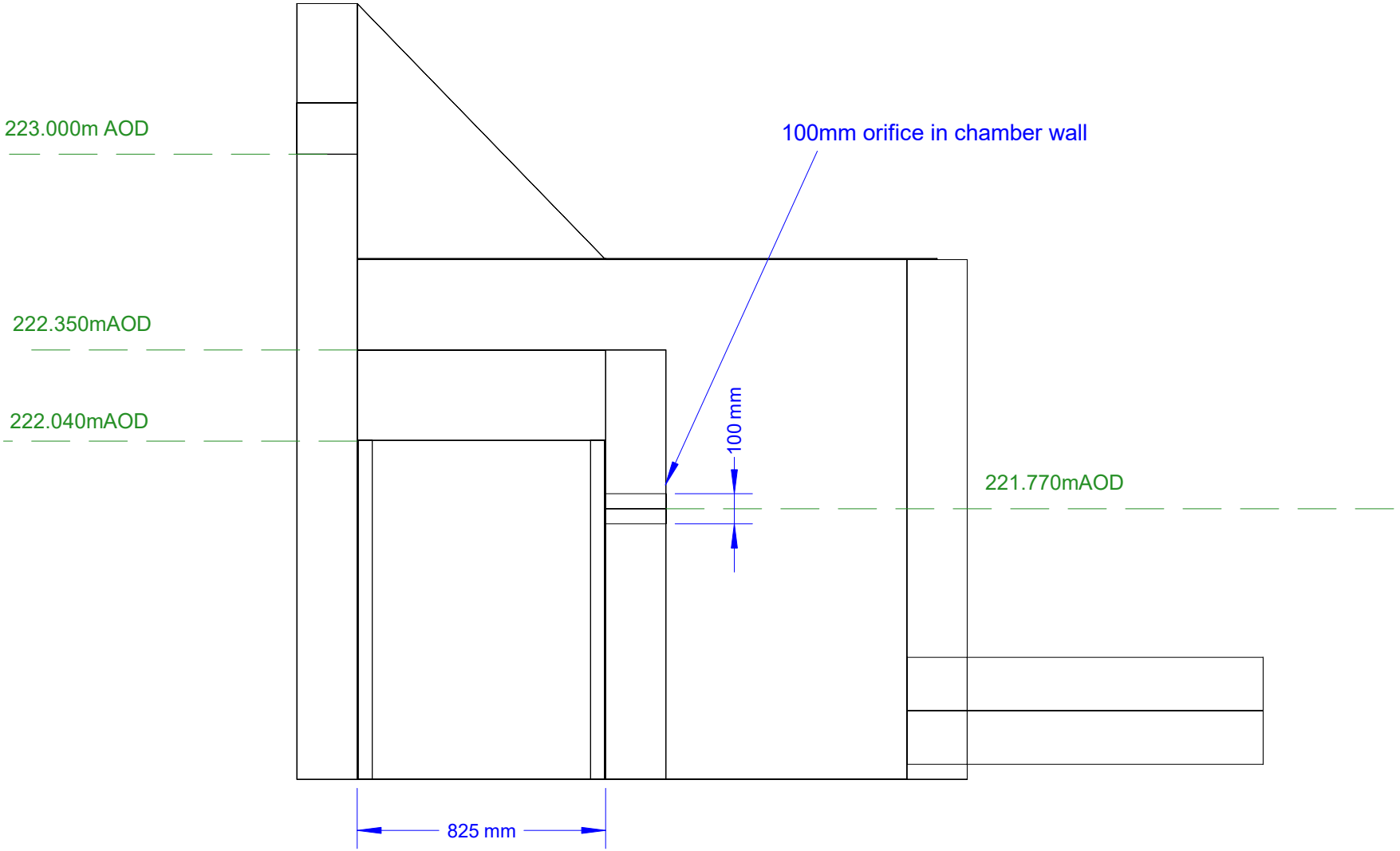
Version details

Merkland Intake Design - Compensation Design

View: A-A (see page 1)



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Version details

Minimum turbine flow = 12l/s Max turbine flow = 122l/s Annual Qmean = 95l/s Annual Q90 = 11l/s Annual Q80 = 16l/s Width of stilling chamber baffle = 825mm	Depth above baffle at turbine start up = 44mm Depth above baffle at annual Qmean = 197mm Depth above baffle at max turbine flow = 240mm	Circular Orifice Diameter = 100mm Orifice centre below baffle = 270mm	Hands off flow = 11.7l/s Residual flow when flow in burn is annual Qmean = 14.9l/s