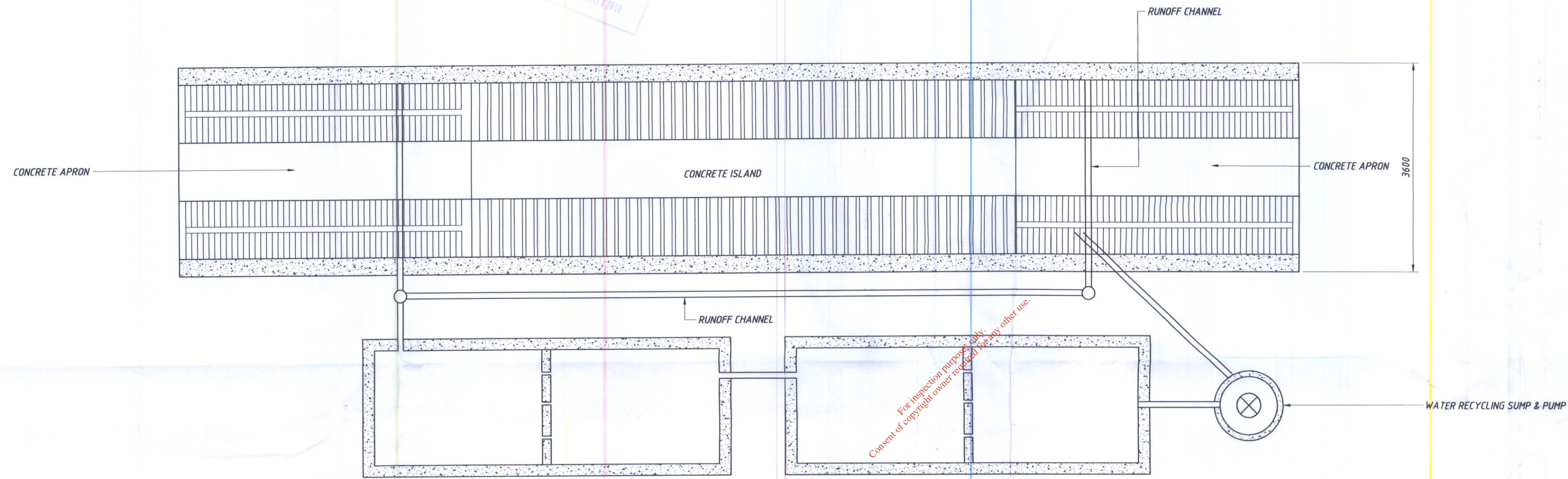
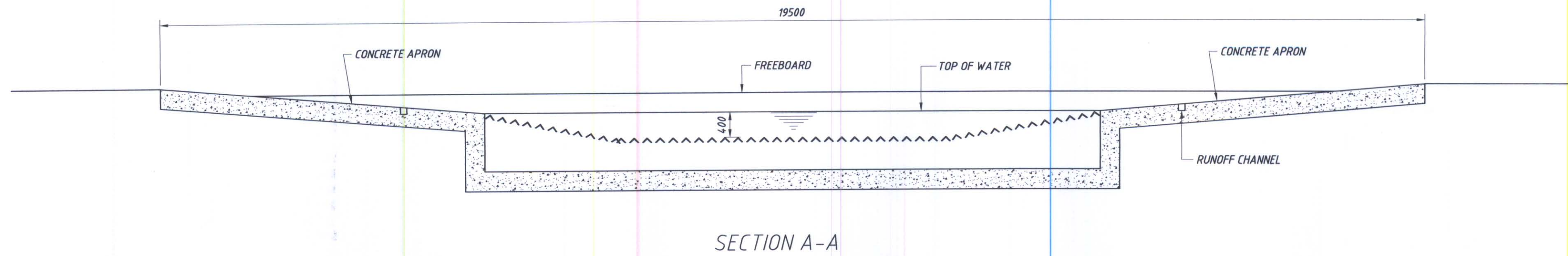
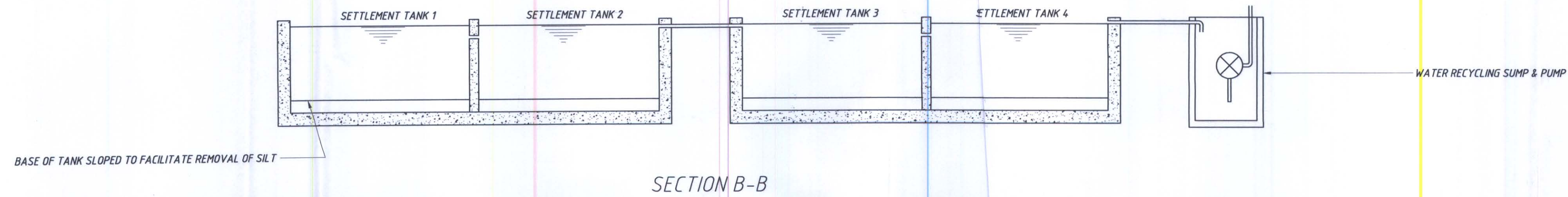


Notes:
All dimensions are in mm.



PLAN VIEW OF WHEEL WASH & SETTLEMENT TANKS



SEQUENCE OF OPERATION:
THIS WHEEL WASH IS A BATH TYPE WASH.
A TRUCK CAN ENTER FROM EITHER SIDE.
AS A TRUCK DRIVES THROUGH, EACH TIRE GETS AT LEAST 3 REVOLUTIONS IN THE BATH.
AS A VEHICLE PASSES THROUGH THE BATH, A WAVE IS FORMED IN FRONT OF THE WHEELS WHICH WILL WASH UP ONTO THE CONCRETE APRON, AS GRAVITY TAKES THIS WATER BACK DOWN THE APRON TO THE WASH, IT WILL DROP INTO A CHANNEL WHICH WILL DIVERT THE WATER TO THE FIRST OF FOUR SETTLEMENT TANKS.
THE IMBALANCE CAUSED BY THE INTRODUCTION OF THE APRON WATER, WILL PUSH THE WATER ALONG FROM TANK TO TANK, THE WATER SHOULD GET CLEANER AS IT PASSES FROM TANK TO TANK.
THE WATER IN ALL FOUR TANKS WILL BE AT THE SAME LEVEL, AT THE END OF THE TANKS, THE WATER WILL BE ALLOWED TO DROP INTO A PUMP SUMP, WHERE A RECYCLING PUMP WILL RETURN THE WATER TO THE WHEEL WASH.

Rev	Date	By	Comment
A	05/05	ac	Issued for EPA approval

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All construction methods, materials, services and installations to be in accordance with Current Building Regulations and Codes. Subcontractors are responsible for ensuring compliance with Current Building Regulations within their own trade. Dimensions shown are in mm except where indicated. Figured dimensions take precedence over scaled measurements. All dimensions to be checked on site prior to fabrication or construction. The Engineer is to be informed immediately of any discrepancies.

Project	Ted O'Donoghue Waterfall, Cork
Drawing	Wheel Wash Details
By	AC
Date	30/05/05
Checked	Scale 1:250