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## WORKS SUBJECT TO LANDOWNER FINAL AGREEMENT

**Disclaimer:** These diagrams are intended to be used as a guide only. Technical designs should not be based on the measurements shown in these diagrams. Instead, refer to the measurements provided in Section 3: Specification Requirements.



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### 3.3.1 Farm A (Camowen Subcatchment)

#### A.1 Open-Ditch Multistage Treatment Zone

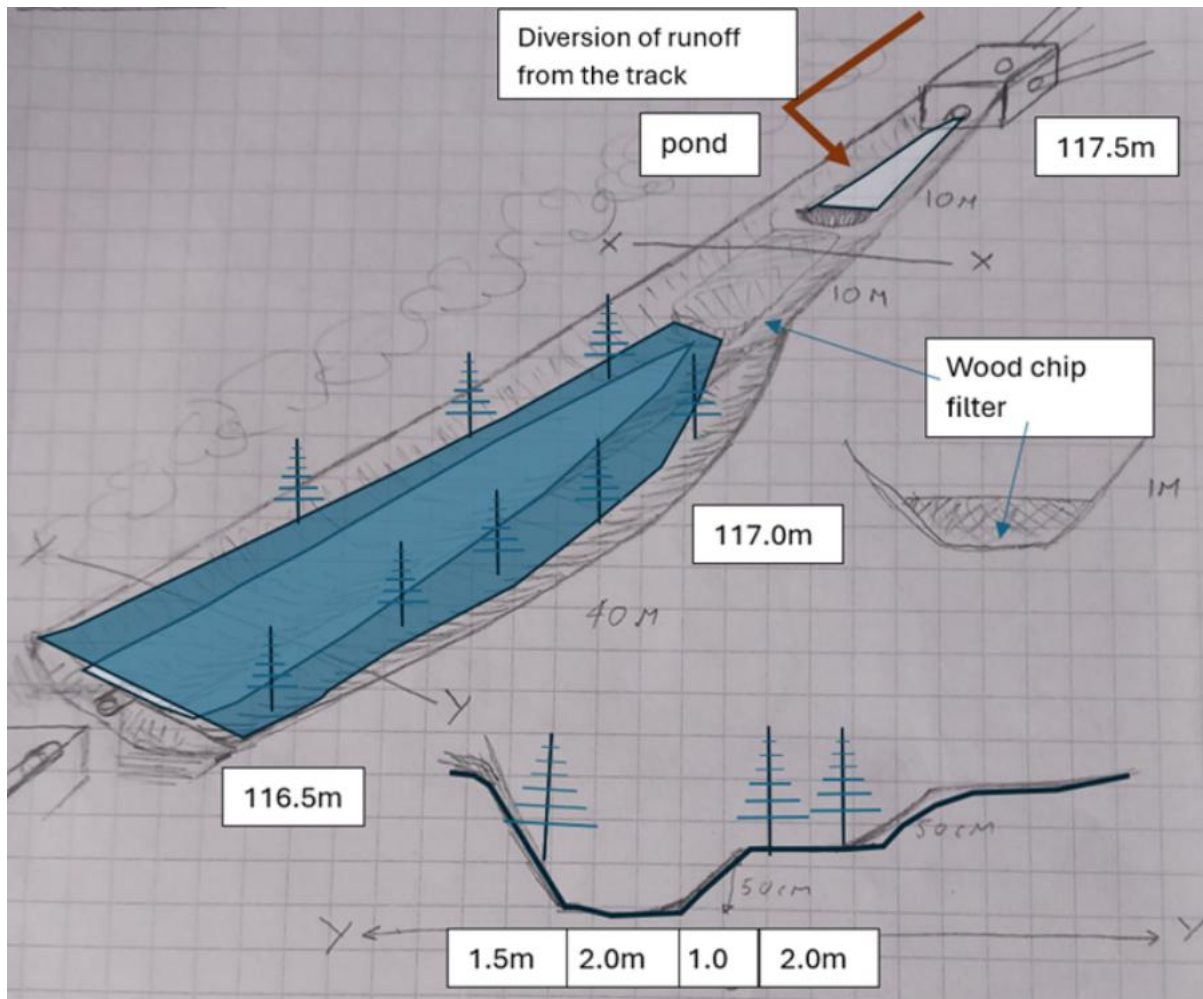


Figure 1: Open-Ditch Multistage Treatment Zone conceptual design.



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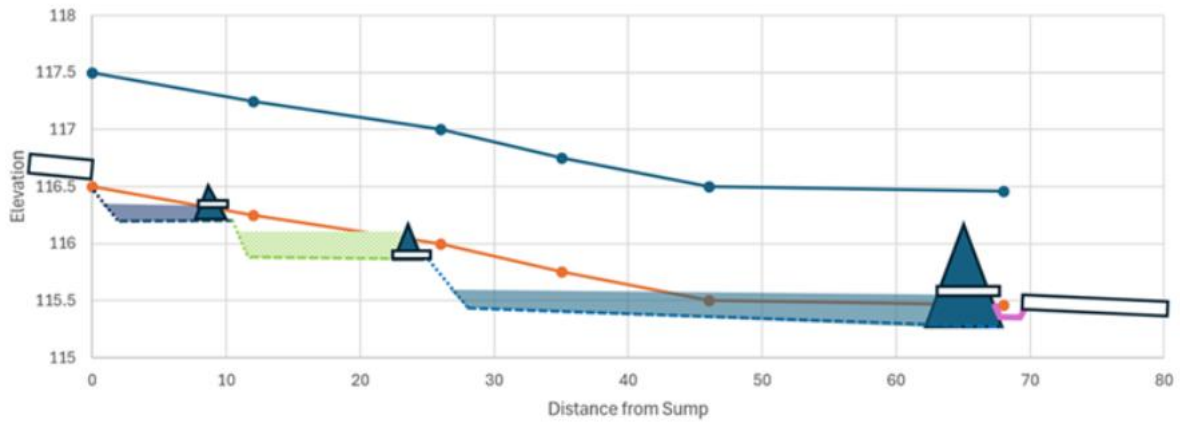


Figure 2: Cross section of **Open-Ditch Multistage Treatment Zone** (from top inspection chamber along the treatment system, to lower inspection chamber at end of field).

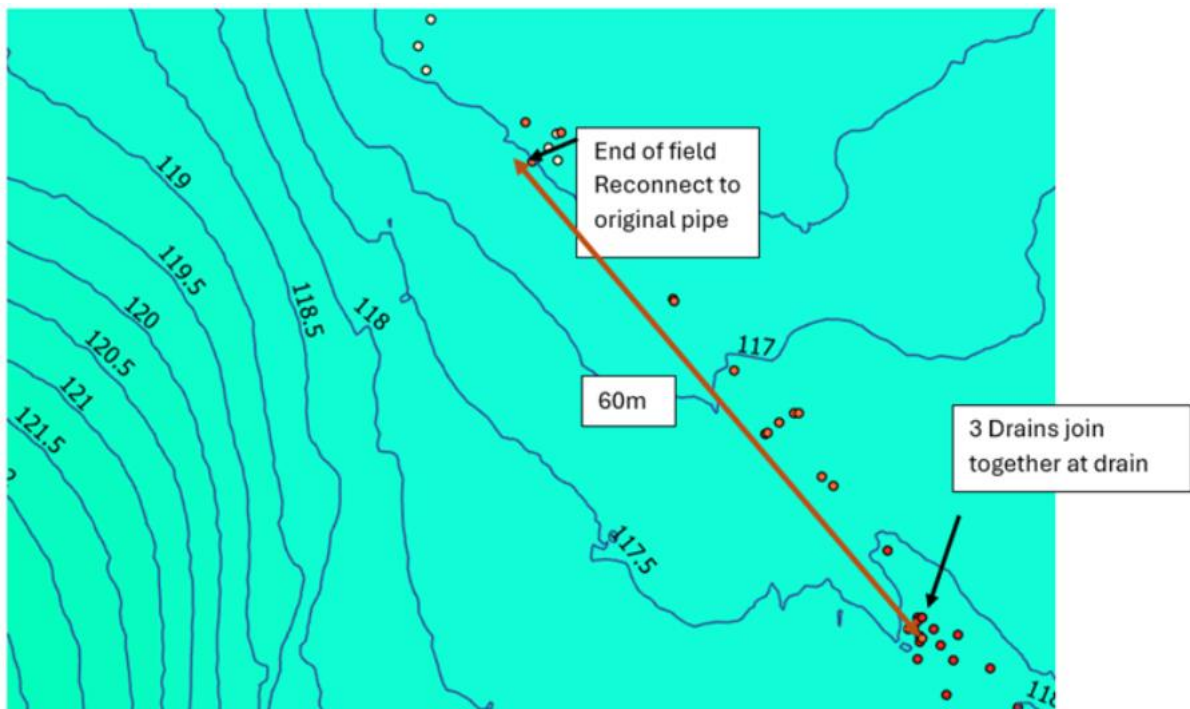


Figure 3: Site where **Open-Ditch Multistage Treatment Zone** should be constructed (between drain inspection chambers, along the orange arrow). Approximately 60m length.



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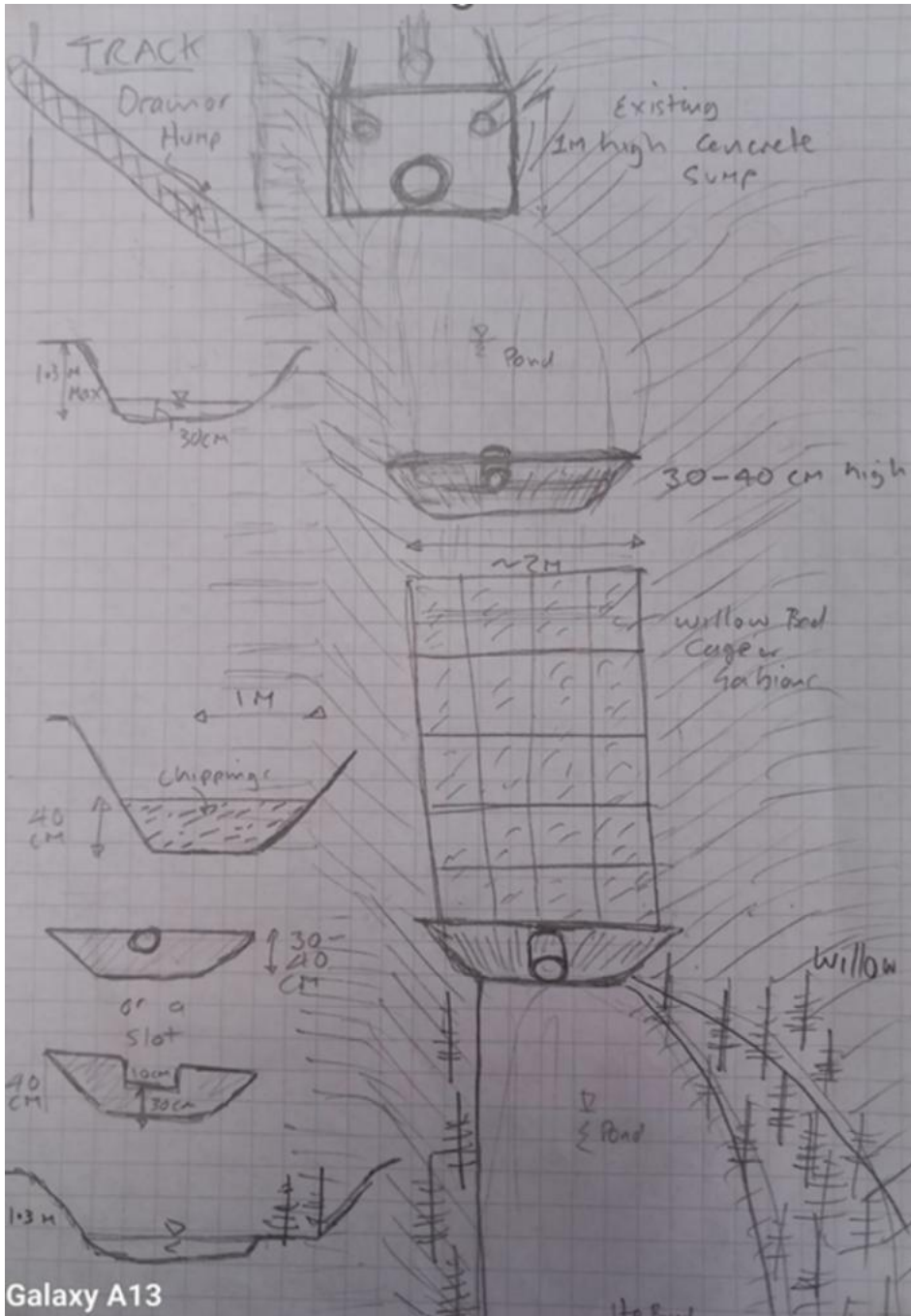


Figure 4: **Open-Ditch Multistage Treatment Zone** conceptual design (2)



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## A.2 Wetland and Temporary Storage Treatment Zone

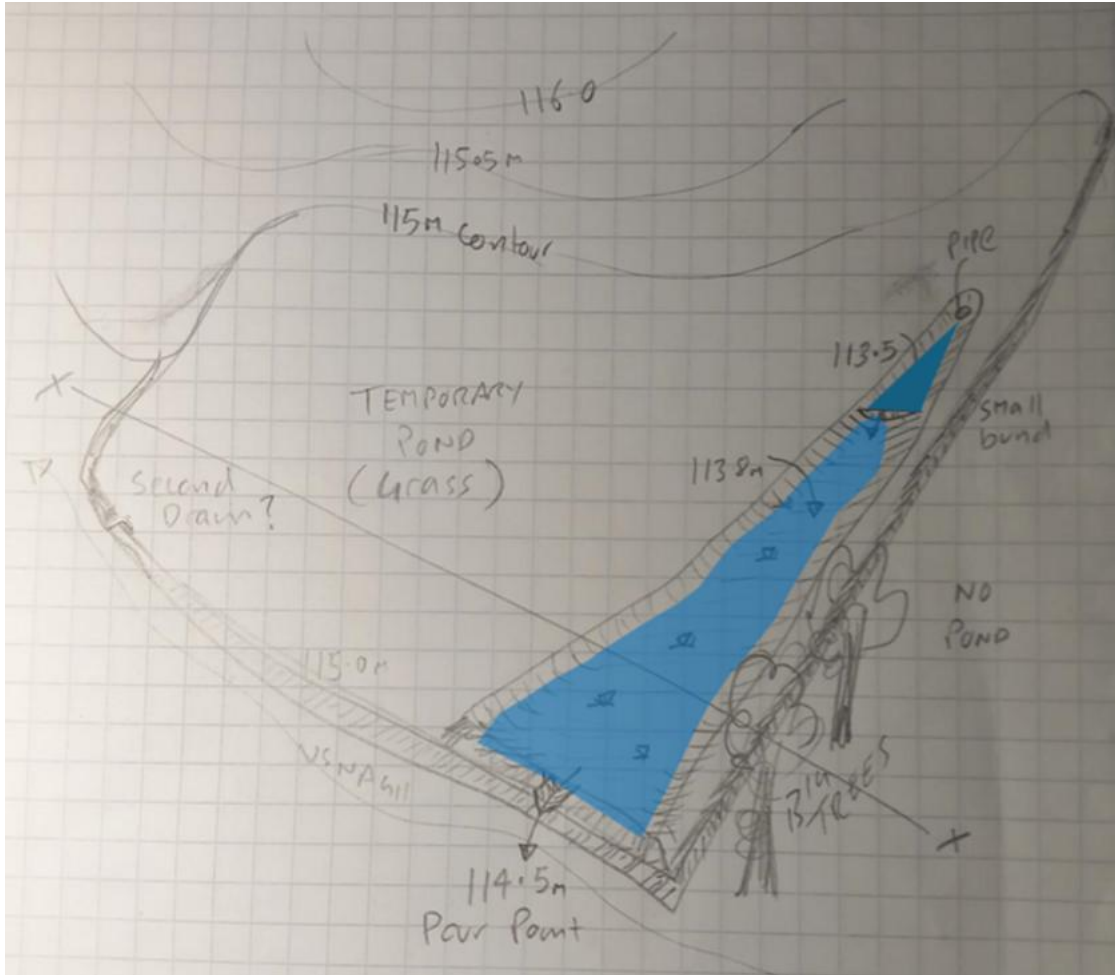


Figure 5: **Wetland and Temporary Storage Treatment Zone** conceptual design



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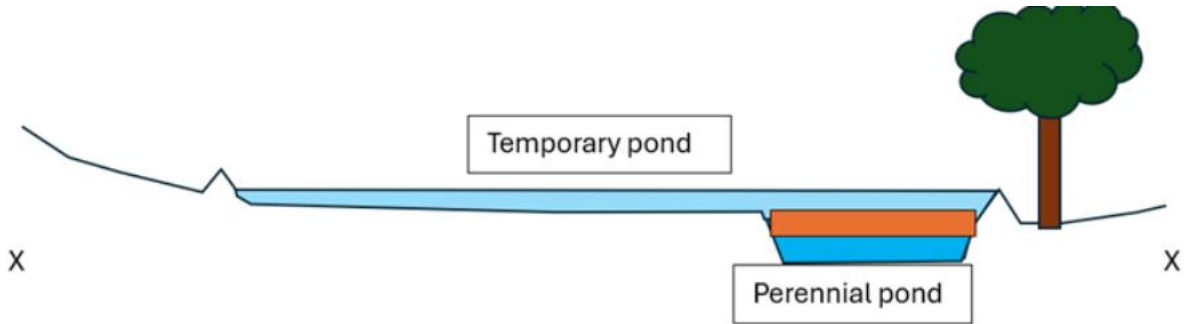


Figure 6: Cross section of **Wetland and Temporary Storage Treatment Zone** (indicating extent of temporary flood water storage pond with relation to permanent wetland/perennial pond). Note that under normal conditions, the pond should only be half full (dark blue). The orange area represents a 50% empty capacity designed to hold large storm flows. The light blue temporary pond shows where storm flow will accumulate under extreme flow events.

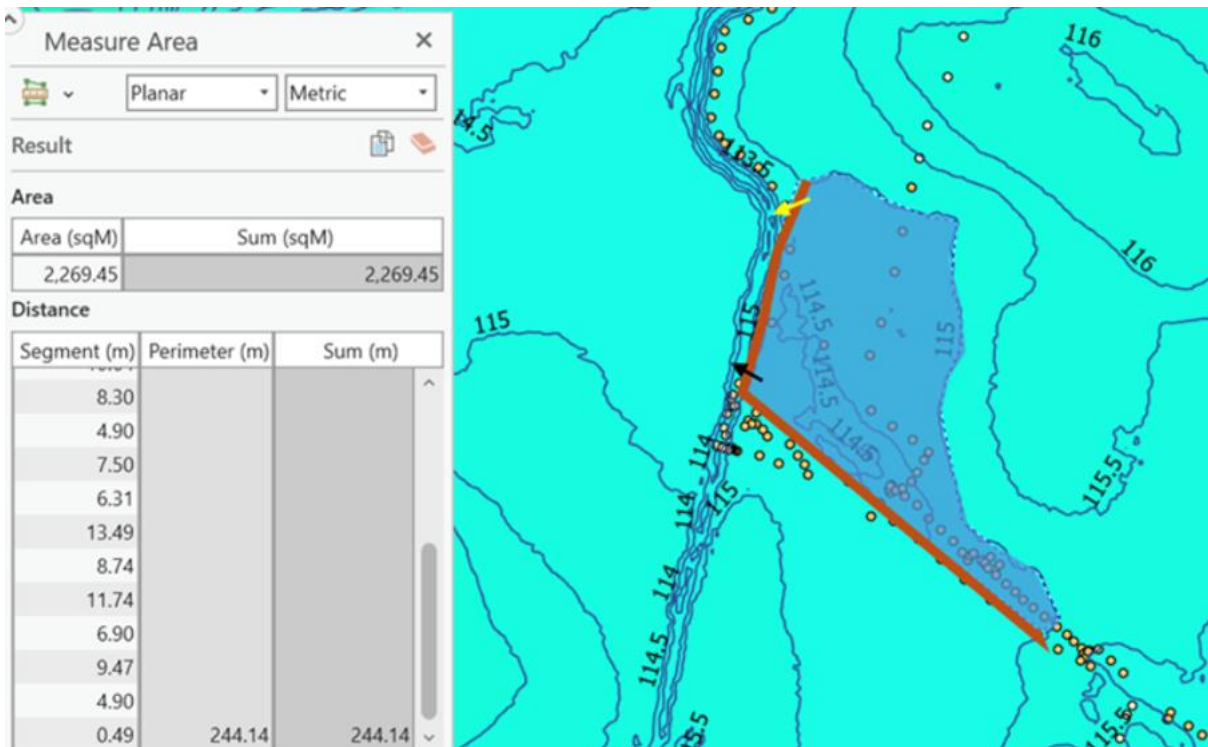


Figure 7: Extent of temporary flood water pond in field, at maximum capacity during rare extreme storm event.



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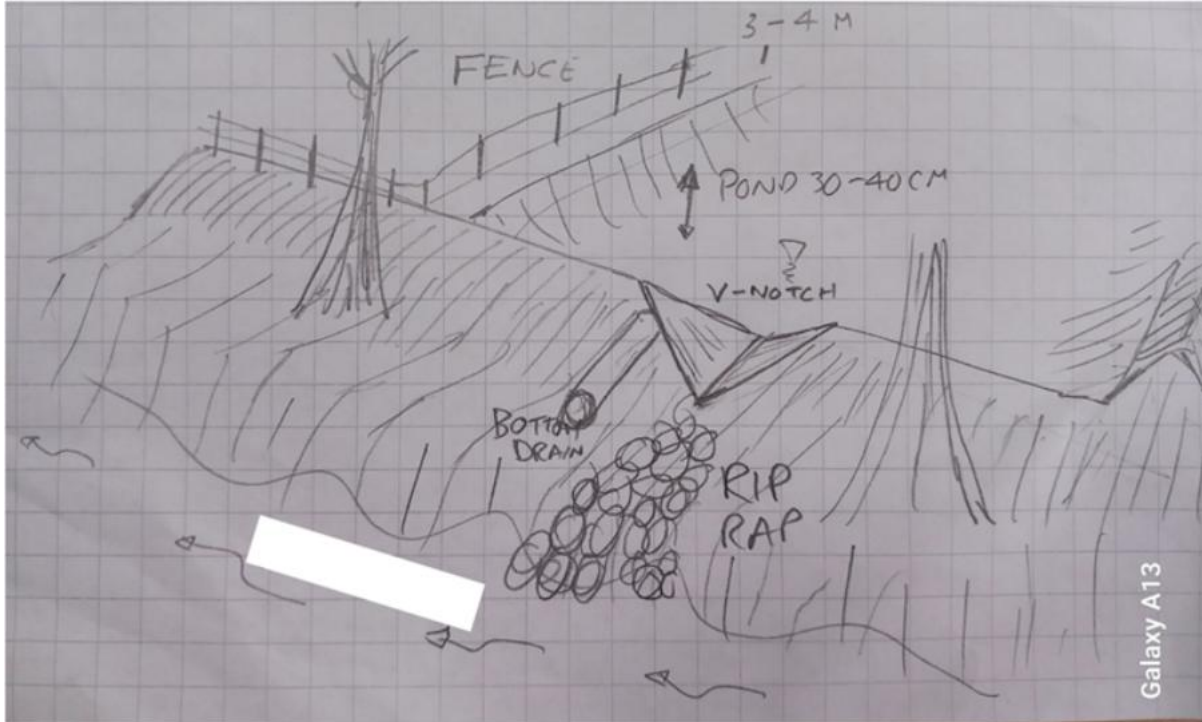


Figure 8: Conceptual design of **Wetland and Temporary Storage Treatment Zone** (outlet structure). Note the bottom drain will need to have a cap.