



JBA
consulting

Saltaire Hydropower Scheme

Design challenges



Consultants
of the Year 2010

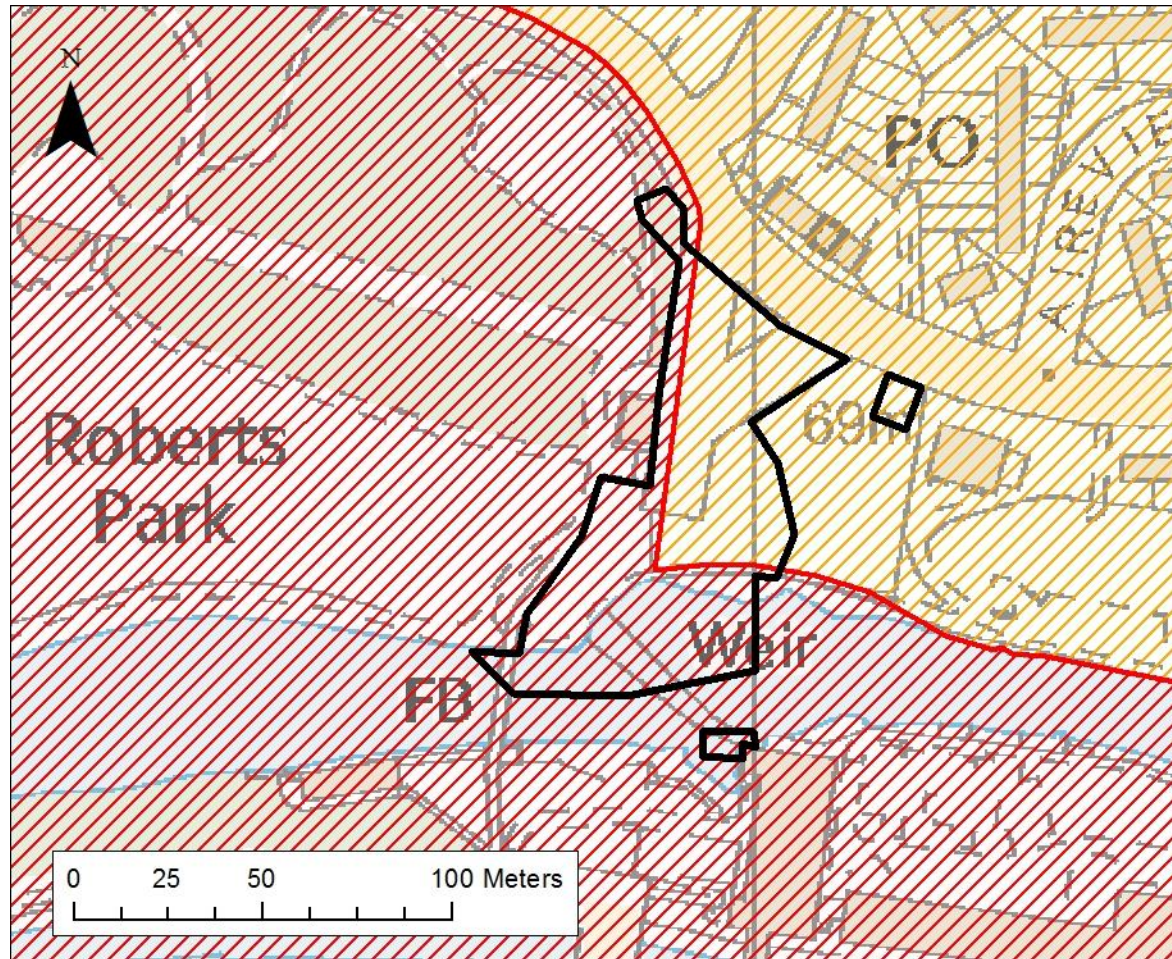


Winner

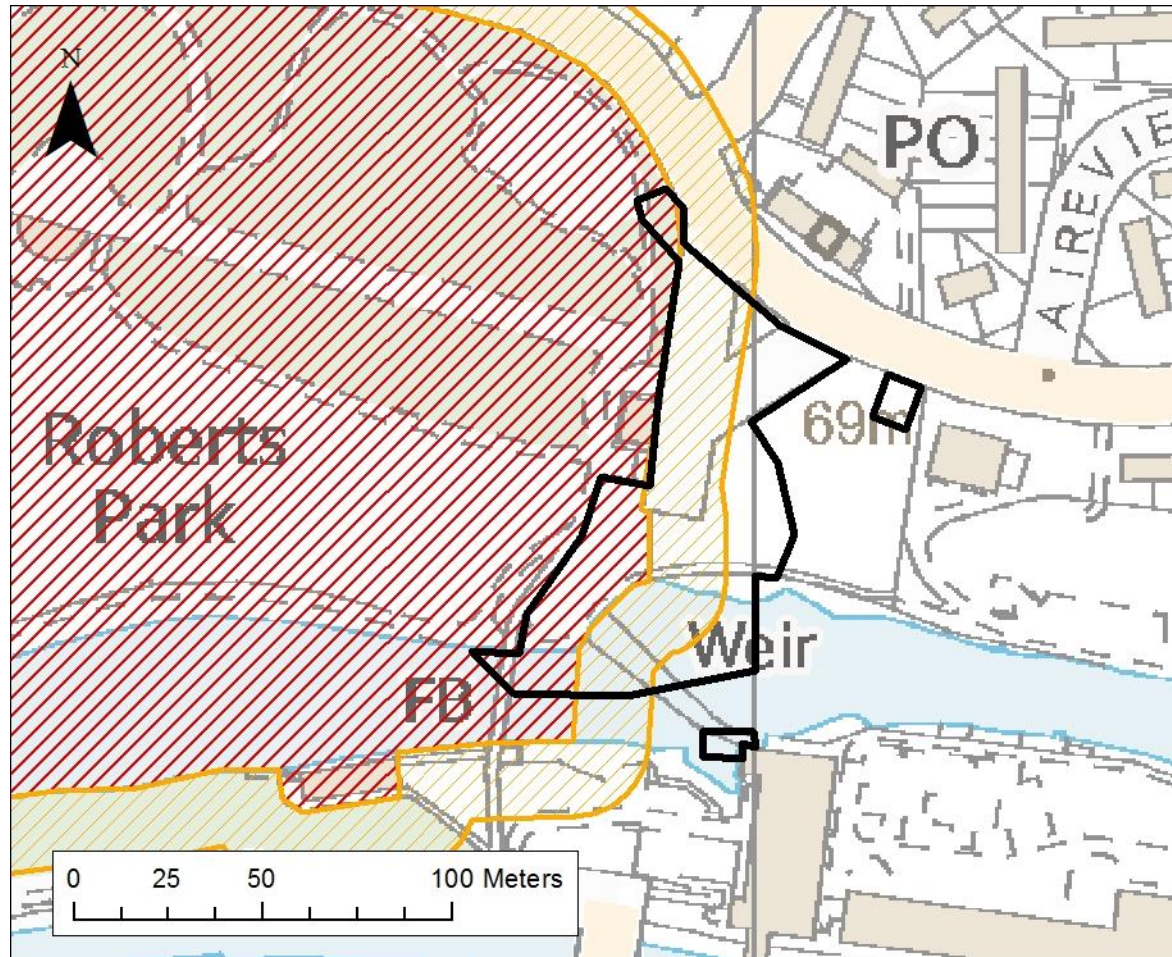
Summary

- Constraints
- Design evolution

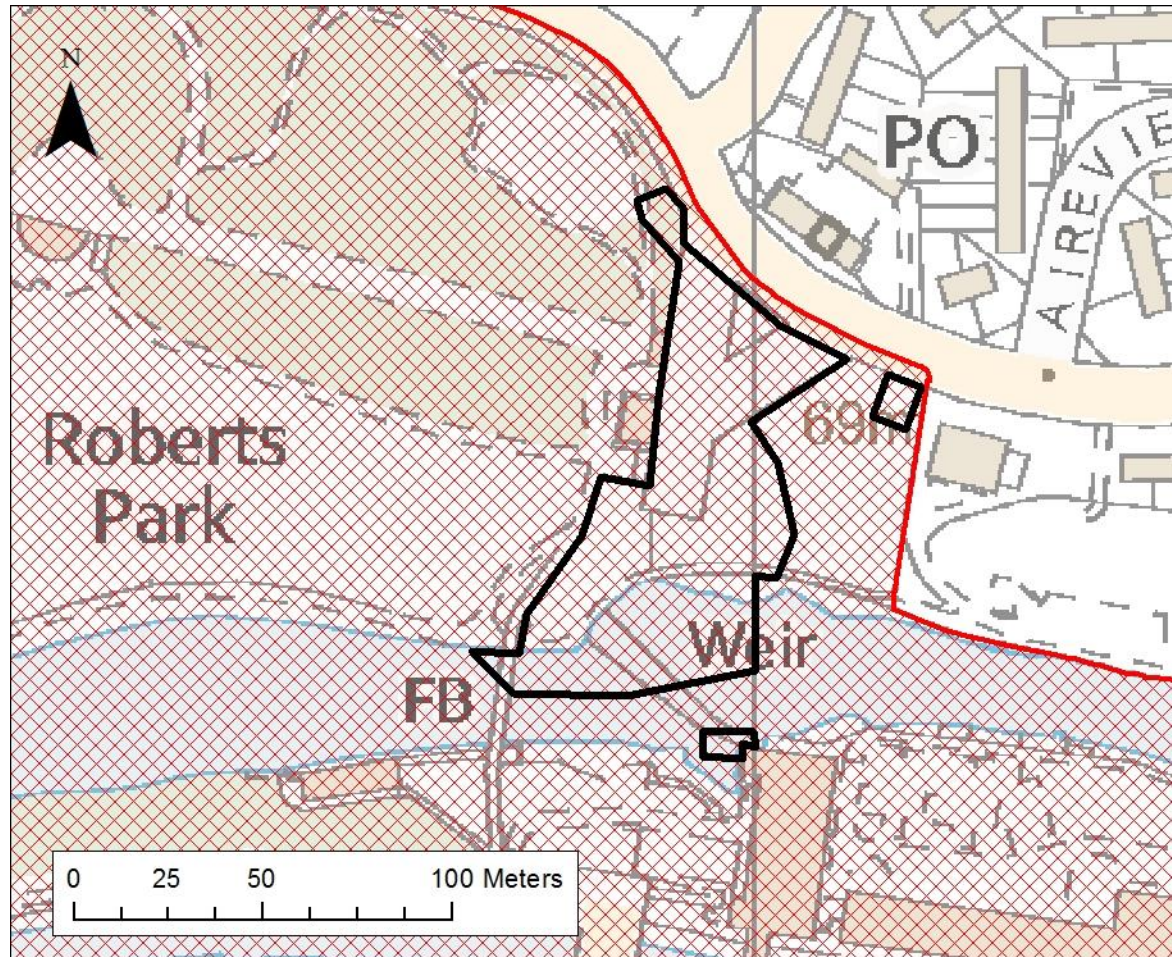
Constraints World Heritage Site



Constraints Registered Park/Garden



Constraints Conservation Area



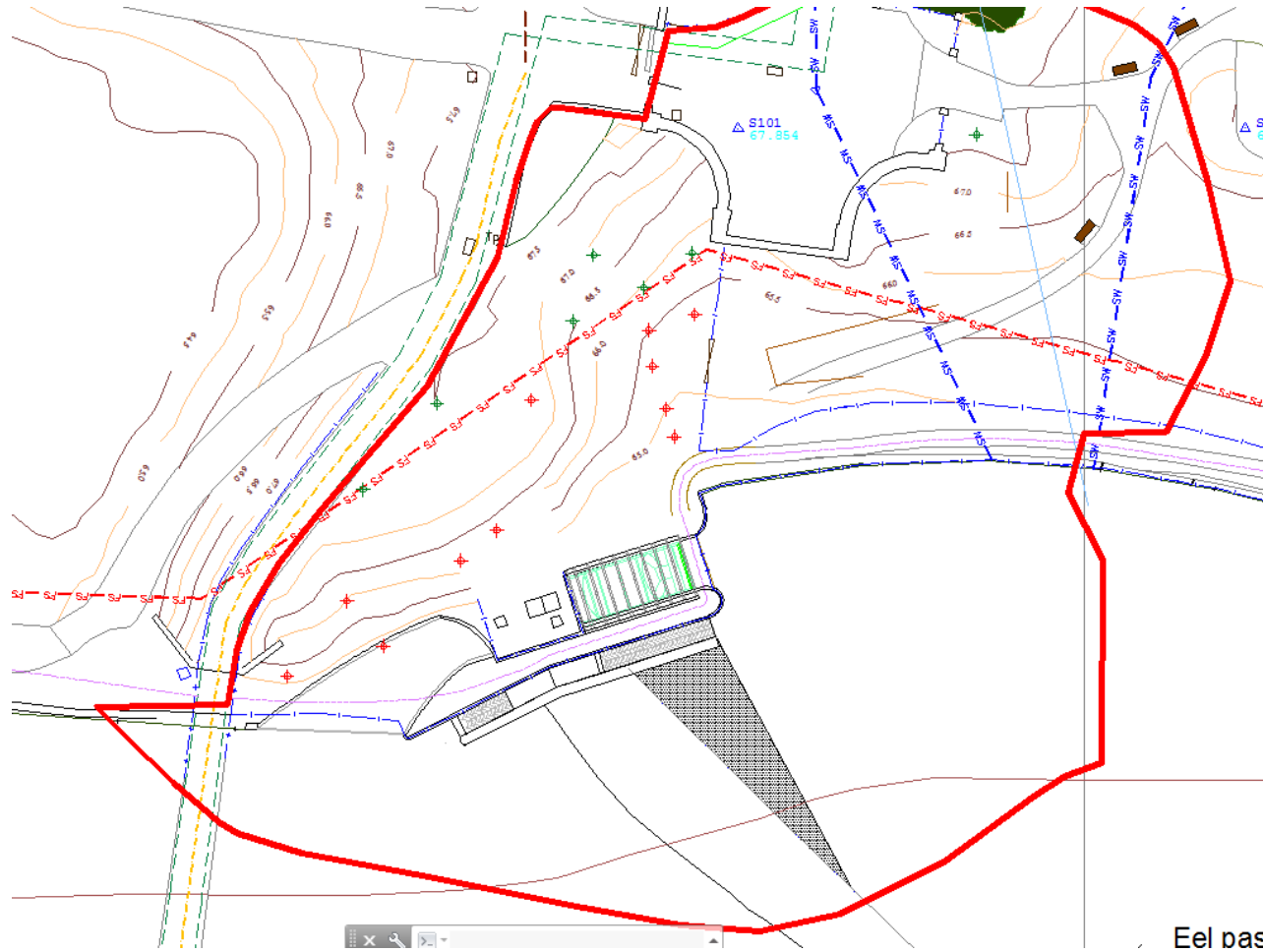
Constraints

Flood receptors



Constraints Infrastructure





Constraints Fish

- Screening
- Fish pass
- Habitat



Constraints

Other

- Trees
- Access – listed structures
- Ground conditions
- Bats
- Noise
- Local events – programme
- Childrens play area
- Re-instatement of Victoria Road bridge

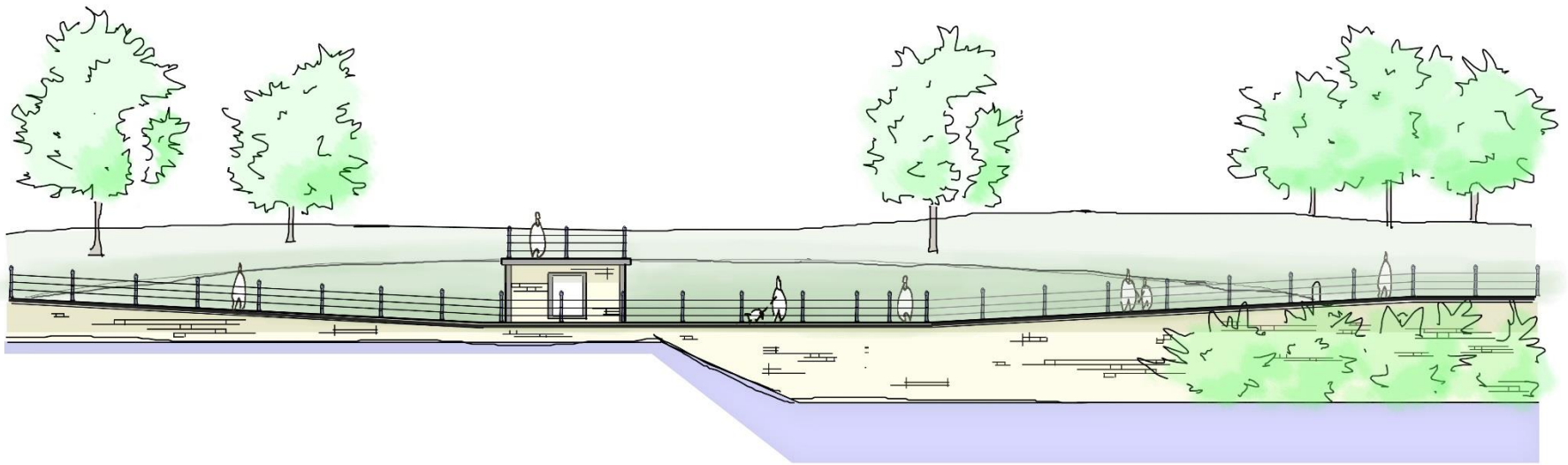


Design evolution Feasibility stage



Design evolution

Mass reduction



Design evolution

Developed design stage



Summary

- Constraints
 - Heritage designations
 - Infrastructure
 - Services
 - Fish
 - Other.....
-even before engagement!

Thank you



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