



NOTES

1. Refer to *UNHCR, 2006. Large Ferro-Cement Water Tank Design Parameters and Construction Details* for step-by-step construction instructions.
2. Refer to Specification for material descriptions.
3. Structural design to be verified by local engineer for compliance with local conditions and norms
4. Ensure the correct water content of mixed concrete - slump test should yield $< \frac{1}{4}$ height reduction.
5. Slabs to be cast in a single pour. All concrete works to be vibrated or well rodded.
6. Ensure all poured concrete is kept damp and out of direct sunlight for at least 7 days while curing.
7. Refer to hydraulic design for pipe assemblies. Valve boxes should be sized according to inlet and outlet arrangements.

DWG NO. **A3-1**

TITLE
Ferrocement water tank, 50m³
Plan

PROJECT
Community Infrastructure Catalogue

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AU

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RN

SCALE
1:50

UNITS
CM

SHEET
1 of 2

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Technical Support Section
Community Infrastructure Catalogue