

GENERAL NOTES FOR A STANDARD DETAIL DRAWING

- 1) Anchor block designs are based on the following ground conditions.

Dry soil density: 1800kg/m³
Submerged soil density: 1090kg/m³
Angle of internal friction: 30°
Passive resistance factor: 3

Where considerably better ground conditions, such as rock, are encountered, the dimensions of the anchor blocks may be reduced. Supporting calculations for any reduced size anchor blocks must be submitted to the Project Manager 48 hours before construction of the particular anchor block commences and may be concreted only after his approval.

- 2) Bases and thrust faces of anchor blocks are to be cast against undisturbed ground, or against blinding cast against undisturbed ground.
- 3) Pipework joints as shown for the water supply details are diagrammatic only.

- 4) The following notes apply to reinforced concrete chambers.

- a) Concrete in walls and base and cover slab

Characteristic strength (N/mm²) : 30
Maximum aggregate size (mm) : 20
Cement Type: SR
Minimum cement content (kg/m³) : 330
Maximum cement content (kg/m³) : 400
Maximum free water/cement ratio: 0.47

- b) Concrete in blinding

Characteristic strength (N/mm²) : 1030
Maximum aggregate size (mm) : 40
Cement type: SR
Minimum cement content (kg/m³) : 230

- c) Cover to reinforcement 40mm unless positioned centrally

- d) Minimum reinforcement lap 300mm

- e) Corners of rectangular openings to have T8 bars 500mm long set diagonally.

- 5) All dimensions are in millimetres unless shown otherwise.

- 6) Do not scale dimensions from standard drawings.

CLEINT;



THE REPUBLIC OF UGANDA
MINISTRY OF WATER AND ENVIRONMENT
Directorate of Water Development

PROJECT

**KAWUMU PRESIDENTIAL MODEL
IRRIGATION SYSTEM AND
FACILITIES**

DRAWING TITLE

GENERAL NOTES

SURVEYED BY

SCALE

DRAWN BY

N.D

DATE

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CHECKED BY

DRAWING NO.

APPROVED BY

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