



INVITATION TO TENDER

March 21st 2025

REF: ForAfrika/JUBA/MARCH/2025/003

Dear Sir/Madam,

INVITATION TO TENDER

ForAfrika formerly Joint Aid Management South Sudan ("JAMSS") intends to construct two water Kiosk in Juba

ForAfrika hereby invites you to prepare and submit your bids for the construction of the Two Water Kiosk in Juba your bids should be in accordance with the attached tender documents comprising of:

- (a) Invitation to Tender;
- (b) Technical drawings or technical specification
- (c) Bill of Quantity Sheet.

Terms & Conditions.

1. Valid registration Company's Documents
2. Recent three (3) months Bank Statement
3. Office availability & storage facility
4. Company's Memorandum of Association
5. Valid Tax Clearance Certificate
6. Recent or previous job references
7. Updated Company's Profile
8. Currency USD

All the bids Must be submitted in a sealed envelope addressed to:

The procurement Department of ForAfrika

4th Flour Equatoria Tower, Hai Neem

Juba, South Sudan.

Closing date for submission of tenders is at **4:30 PM, 26th March 2025.** ForAfrika will not accept tender documents delivered after that time.

ForAfrika reserves the right to cancel the tender process at any time prior to awarding a contract for the Service.

ForAfrika will not be responsible for any costs or expenses incurred by you in connection with preparing and delivering your tender regardless of the outcome of the tender process.

At any time prior to the Submission Deadline, you may make inquiries with, or seek further information or clarifications through the following email: jamss.logs@jamint.org

CC: J.Samuel@forAfrika.org

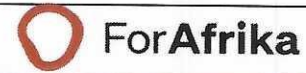
Yours faithfully



Procurement Department ForAfrika



Bill of Quantities



Drawing Number:- FORAFRIKA/SOUTHSUDAN/CE/2025

Project Title :- Construction of two water kiosks with 10,000 liters overhead tank at Korok Residential Area, Juba

Specification:- Construction of two Water kiosks

Date	
Location	Korok Residential Area, Juba
State	Central Equatoria

Item No	Description	Unit	Quantity	Rate	Total Cost USD
1	Bill No.1 Substructure, Preliminaries, Foundation and column works				
	Preliminaries				
1.1	Allow for mobilization of contractor's personnels, materials & equipments	Ls	1		-
	Foundation and Substructure works.				
	Excavation and Earthworks				
1.2	Provide for site preparation and clearing of unwanted and lose top soil materials of 200mm deep from the sites	Sq.m	16		-
1.3	Excavate foundation trenches for suprerstructure and varena including all kind of soil: hard or soft, starting from stripped level, maximum depth not exceeding 1500mm and also for 4 columns at 1500mm depth at the building edges.	Cu.m	5		-
	Filling and Disposal				
1.4	Backfill and compact selected materials arising from excavation and around excavation also inclusive of additional imported materials such as murrum, Deposit and compact selected material for hardcore filling to make up level consolidated in layers not exceeding 300mm to receive oversite concrete/floor finishing	Cu.m	21		-
	Anti - termite treatment and Damp proof membrane				
1.5	Provide for anti- termite tratment solution on surfaces of the hardcore and maintaining high safety protocols during aplication	Sq.m	16		-
	Damp-proof membrane				
1.6	Provide Single layer of gauge polythene sheeting laid on blinded hardcore with 150 mm side laps to receive concrete	Sq.m	16		-
	Concrete work				
	Reinforced concrete (1:2:4). Rates inclusive of formwork, reinforcement and curing complete in all respects				
1.7	50 mm Blinding in foundation and also bottom of columns	Cu.m	1.4		-
1.8	Provide reinforced concrete of for cloumns,ground beams, wall and column stud	Cu.m	3		-
	Reinforcement				
	Provide High yield steel bars to SSRN 126 or 127				
1.9	Diameter: 8mm	Kg	34		-
1.20	Diameter: 12mm	kg	228		-
1.21	Diameter: 16mm	kg	32		-
1.22	Wire mesh	Sq.m	10		-
1.23	Binding wire	Kg	25		-
1.24	Formwork				-
1.25	Provide for all formwork for concrete work and casting	Sq.m	16		-
1.26	Provide for additional excavation of extra soils if necessary (1500m for reuse soil)	Cu.m	2		-
	Foundation Walling				
	Hollow sandcrete block work with stretcher bond (1:4) cement mortar.				
1.27	225mm x 225mmx 450mm Block work	Sq.m	36		-
	Substructure, Preliminaries, Foundation and column works Carried to Summary				-
2	BILL No 2: Superstructure, Concerte works, roofing, water storage and Finishing				
	Concrete work				
	Vibrated Reinforced insitu concrete (1:2:4-19mm aqaregate) filled into formwork and well packed around reinforcement. Ground beams, columns, beams and slabs				
2.1	Casting of 230mm x 230mm x 2400mm columns using	cu.m	1		-
2.2	Beams	cu.m	1		-
2.3	Casting of 150mm slab thickness	cu.m	2.5		-
	<i>Plain sawn formwork to horizontal sides of beams, slabs and columns</i>				
2.4	Provide for sawn formwork for Verical sides of column, Verical sides of beams and slabs	Sq.m	46		-
	BLOCK WORK				
	Hollow sandcrete block work with stretcher bond (1:3) cement mortar.				
2.5	225mm x 225mmx 450mm Block work	Sq.m	55		-
	Bill No. 3: Roofing materials, Doors, Windos and Tanks with accessories				
	Vibrated Reinforced insitu concrete (1:2:4-19mm aqaregate) filled into formwork and well packed around reinforcement. Ground beams, columns, beams and slabs				
2.6	Provide for Roof slab and roof beams casting with water proofing	cu.m	4.5		-
2.7	Provide Y8 and Y12 reinforcement for slab, beams	kg	270		-
2.8	Provide Parapet Walling 300mm high	Sq.m	10		-
2.9	Allow for Plaster and water proof roof to cartaway all water	Sq.m	18		-



	<u>Window and Doors</u>				
	Supply and Fix the following purpose made steel windows and doors manufactured from heavy duty standard sections complete with closing mechanism and other fittings				
2.10	Window size 1200 x 1000 mm high overall	Nr.	1		-
	<u>Standard profile welded 2mm checker plate iron steel door with accessories, painted and fixed to blockwork or concretework</u>				
2.11	Steel door	Nr.	1		-
	10,000 liters tank supply and installation				
2.12	Cold Water Tanks: 10000 litres capacity tank, located at roof of the kiosk with a cover complete with all necessary backnuts, etc for satisfactory functioning of the system inclusive of support structure.	Nr	1		-
2.13	Supply and installation of 1.8 meters ladder using 50x50x 5mm thick (2"x2") angle iron with thread at 300mm intervals.	Ls	1		-
2.14	Supply and application of Anti rust red oxide coating to to the ladder	Coat	1		-
2.15	Supply and application silver glossy oil paint coating to completed water tower ladders	Coat	1		-
	<u>Roofing and steel works</u>				
2.16	Allow for roofcover (wood, facial cover and GI roofing sheets as roof cover over the tank installed with steel pipes embedded in the drawf wall	Sum	1		-
2.17	Supply and installation of 50 x 100mm retangular steel sections	Nr	5		-
2.18	Installation of steel protection members to protect the tanks.	Sum	1		-
	Superstructure, Concrete works, roofing, water storage and Finishing Carried to Summary				
3	Bill No. 3: Fittings, Rendering and Finishings				
	FINISHINGS				
	RENDERING				
	25mm thick cement and sand lime plaster				
3.1	To wall internally and externally	Sq.m	116		-
3.2	To sides of concrete or stone block surfaces	Sq.m	60		-
	SCREEDING/ PAINTING				
	<u>Prepare and apply 2 coat of emulsion paint on soffit of</u>				
3.3	Allow for painting of walls internally and externally Plus ForAfrika's visibility and donor visibility.	Sq.m	116		-
	FLOOR FINISHING				
3.4	Allow for 25mm floor screeding (1:4)	Sq.m	20		-
3.5	Allow for floor tiles and wall skating (provide 60 x 60mm) anti skid tiles	Sq.m	20		-
	Doors				
	<u>Standard profile welded 2mm checker plate iron steel door with accessories, painted and fixed to blockwork or concretework</u>				
3.6	900 x 2100mm	Nr	2		-
	Fittings, Rendering and Finishings carried to summary				
4	Bill No 4: Water kiosk Reticulation Connection & Works				
4.1	Provide and supply for solar system for both internal and external lighting systems installations and connections	sum	1		-
4.2	Provide furnishing of equipment and furniture (1 table and sit with lockers)	sum	1		-
4.3	Disinfection of Pipeline ; Flushing with clear water, filling with water containing 0.05g/l Calcium Hypochlorite, left for 24 hours. This includes supply of necessary Equipment, Materials, Chemicals and Water, Measurement of Residual Chlorine, all as specified and safe disposal of disinfecting water to Engineer's approval.	sum	1		-
4.4	Installation of 4 taps with 5 heavy duty pressure release 3/4" taps embedded concrete platform in a space provided in the koisk including soak pit filled with meduim hard rock (sandstones)	Sum	1		-
4.5	DN 20 threaded battery powered electromagnetic water meter complete with LED display and requisite fittings water metering system	Nr	1		-
4.6	DN 50 All flanged bulk water meter complete with a mechanical display and requisite fittings	Nr	1		-
4.7	Supply and installation of automatic Water level float switch to water tank with connections	Nr	1		-
4.8	Supply and installation of 2" HDPE riser mains from main pipeline to the supply the tanks including connecting accessory	m	30		-
4.9	Supply and installation of 5" HDPE T socket from main water supply pipes to connect supply to the tanks including connecting accessories including reducers	No	1		-
4.10	Supply and installation of 2" uPVC pipe distribution pipes with non return valves to be installed from overhead tanks to distributon points, reduce to 1 1/4" or 1 1/2" or 1" uPVC according to Enginners specifications.	m	30		-
	Gate Valves				
	Gate Valves to PN16 as specified				
4.11	Supply DN ferrous threaded gate valve of various sizes according to engineer specification(Size TBD)	Nr	2		-
	Water kiosk Reticulation Connection & Works Carried to Summary				

5	Bill No 5: External Steps				
	EARTH WORKS				
	General Excavation and Disposal				
5.1	Excavate to reduce levels n.e. 0.20 mm deep and dispose	Sq.m	16		-
5.2	Extra over excavations, depth 1.5-5m for re-use	Cu.m	24		-
5.3	Return, fill in and ram selected excavated materials around foundation walls and the columns.	Cu.m	20		-
5.4	Load and cart away surplus excavated materials to sites approved by the Site Engineer.	Cu.m	20		-
	Filling and Compaction				
5.5	300mm thick well compacted Hardcore using excavated in Class I material.	Cu.m	7		-
5.6	Provide approved murrum in maximum 50mm thick layers in making up levels including achieving satisfactory compaction	Sq.m	16		-
	REINFORCEMENT				
	High yield steel bars to SSRN 126 or 127				
5.7	Wire weld fabric BS Ref. A142	Sq.m	16		-
	FORMWORK				
	Sawn formwork to:				
5.8	Vertical edges of slab 150mm	Sq.m	17		-
	FOUNDATION WALLING				
	Approved stone walling of minimum compressive strength of 10N/mm ² bedded in cement sand (1:3) mortar reinforced with and including gauge 12 hoop soft wire gauge hoop iron at every alternate course				
5.9	200mm foundation Walling	Sq.m	50		-
	External Steps Carried to Summary				
6	Bill No 6: Pipework - Supports And Protection, Ancillaries To Laying And Excavation				
6.1	Provide Sum for dismantling, knock-off and careful removal of unwanted materials and structures, cart away and dispose off, allow for reuse of materials ForAfrika	Ls	2		-
6.2	Provide Sum for stone masonry work through stone pitching of the culvert are for protection of the exposed pipe network.	Ls	2		-
	Pipework - Supports And Protection, Ancillaries To Laying And Excavation carried to Summary				
7	Bill No 7: Visibility and overhead				
7.1	Allow for provision of branding and visibility of the water facility, including preparing surface with 2 coats of paints, engraving of words and logos as shown on the branding template (1 mounted on ground and one engraved on the building)	Ls	2		-
	Visibility Carried to Summary				
SUMMARY LIST					
Item No.	Description				Amount USD
Bill 1	Bill No.1 Substructure, Preliminaries, Foundation and column works				-
Bill 2	BILL No 2: Superstructure, Concrete works, roofing, water storage and Finishing				-
Bill 3	Bill No. 3: Fittings, Rendering and Finishings				-
Bill 4	Bill No 4: Water kiosk Reticulation Connection & Works				-
Bill 5	Bill No 5: External Steps				-
Bill 6	Pipework - Supports And Protection, Ancillaries To Laying And Excavation carried to Summary				-
Bill 7	Bill No 7: Visibility and overhead				-
	GRAND TOTAL FOR THE CONSTRUCTION OF 2 KIOSK		2		-



PROJECT :
**CONSTRUCTION OF WATER
KIOSK**

LOCATION : **JUBA**

CLIENT :  **For Afrika**

WORKING DRAWINGS

FEBRUARY, 2025

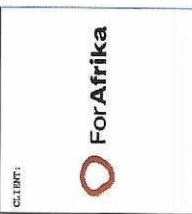
NOTE

- GENERAL NOTES:**
- All dimensions are in millimeters (mm)
 - Concrete mix ratio 1:2:4
 - Reinforcement bars 12mm mesh
 - Slings: 10mm
 - Vertical slab reinforcement H-beam: 127mmx76mm
 - Horizontal H-beam support: 127mmx76mm
 - Main H-beam cable along on 127mmx76mm
 - Top H-channel base grating sheet carrying tanks

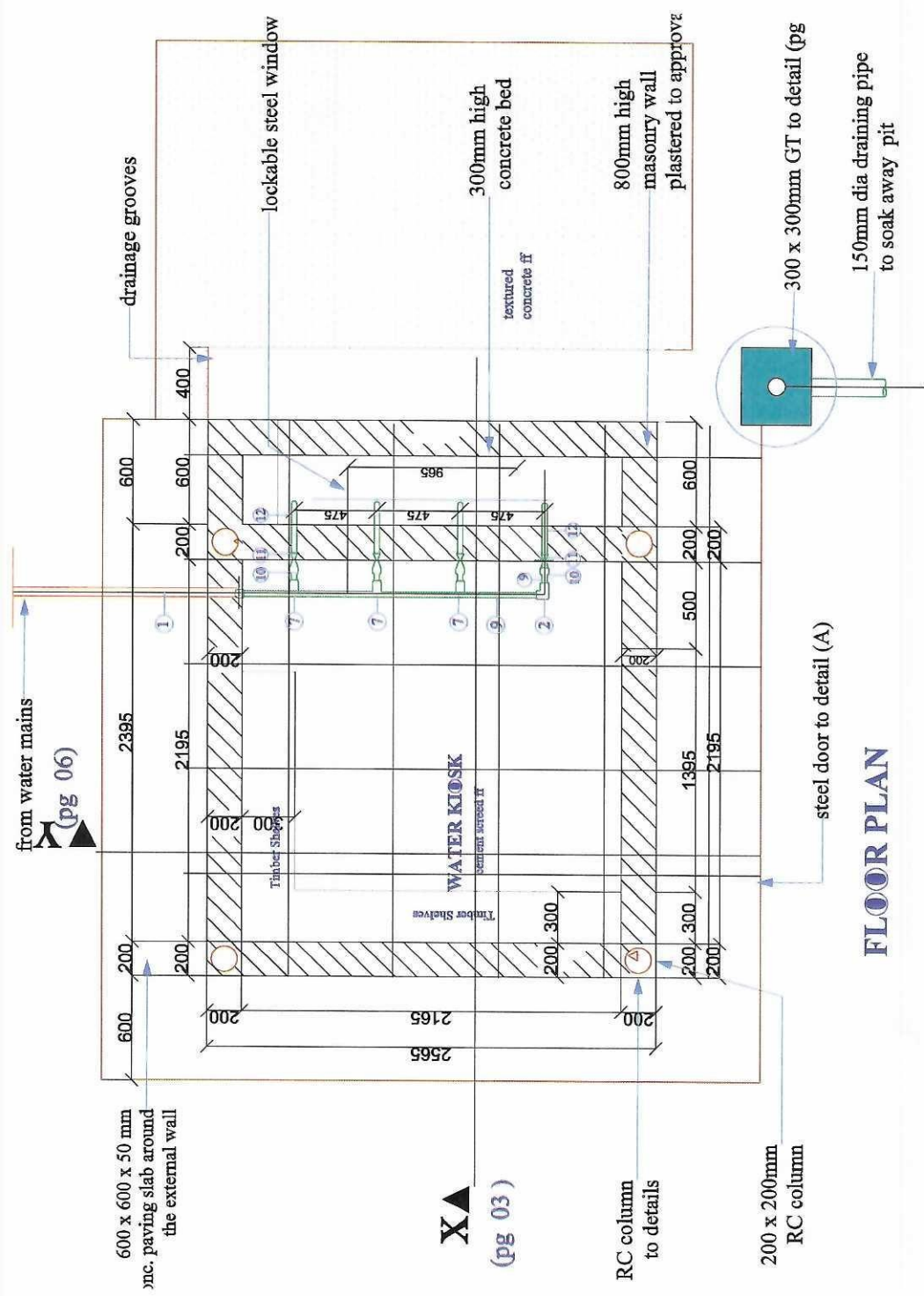
Date	Comments	Sign

PROJECT TITLE:
CONSTRUCTION OF WATER KIOSK
ADDRESS:
JUBA

DRAWING TITLE:
FLOOR PLAN



Designed By	ForAfrica Infrastructure Team
Drawn By	ForAfrica Infrastructure Team
Checked By	ForAfrica Infrastructure Team
Scale	N.T.S.
Date	February, 2025



FLOOR PLAN

from water mains (pg 06)

X▲ (pg 03)

RC column to details

200 x 200mm RC column

steel door to detail (A)

300 x 300mm GT to detail (pg 06)

150mm dia draining pipe to soak away pit

300mm high concrete bed


textured concrete floor

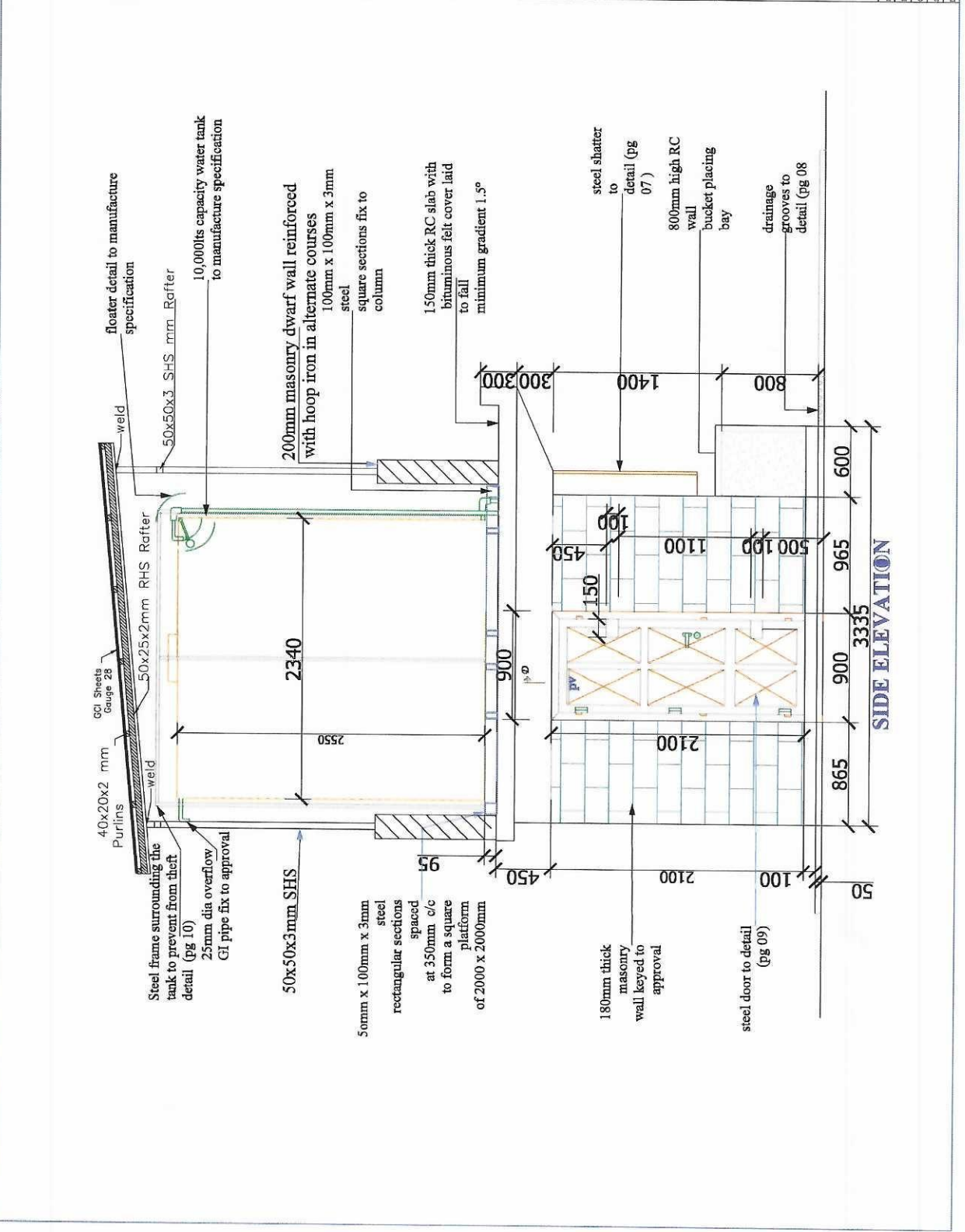
800mm high masonry wall plastered to approve

drainage grooves

lockable steel window

600 x 600 x 50 mm inc. paving slab around the external wall

NOTE	GENERAL NOTES: 1. All dimensions are in millimeters (mm) 2. Concrete mix ratio 1:2:4 3. Reinforcement bars: 12mm main reinforcement bars 4. Strrup: 10mm 5. Vertical attachment H-channel: 120mm x 100mm 6. Column support: 127mm x 76mm 7. Main H-beam rafter sitting on vertical attachment: 200mm x 102mm 8. Carrying bars	REVISION <table border="1"> <tr> <th>Date</th> <th>Comments</th> <th>Sign</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	Date	Comments	Sign				PROJECT TITLE: CONSTRUCTION OF WATER RESERVOIR ADDRESS: JUBA	DRAWING TITLE: SIDE ELEVATION	CLIENT:  ForAfrica				
Date	Comments	Sign													
<table border="1"> <tr> <td>Designed By</td> <td>ForAfrica Infrastructure Team</td> </tr> <tr> <td>Drawn By</td> <td>ForAfrica Infrastructure Team</td> </tr> <tr> <td>Checked By</td> <td>ForAfrica Infrastructure Team</td> </tr> <tr> <td>Scale</td> <td>N.T.S.</td> </tr> <tr> <td>Date</td> <td>February, 2025</td> </tr> </table>						Designed By	ForAfrica Infrastructure Team	Drawn By	ForAfrica Infrastructure Team	Checked By	ForAfrica Infrastructure Team	Scale	N.T.S.	Date	February, 2025
Designed By	ForAfrica Infrastructure Team														
Drawn By	ForAfrica Infrastructure Team														
Checked By	ForAfrica Infrastructure Team														
Scale	N.T.S.														
Date	February, 2025														



NOTE

- GENERAL NOTES:**
- All dimensions are in millimeters
 - Concrete mix ratio 1:2:4
 - Foundation rafters: 12mm main reinforcement bars
 - Vertical dimension H-channel: 200mmx102mm
 - Horizontal I-beam support
 - Main I-beam after siting on vertical elevation: 200mmx102mm
 - Top H-channel base grating sheet carrying tank

REVISION	
Date	Comments
	Sign

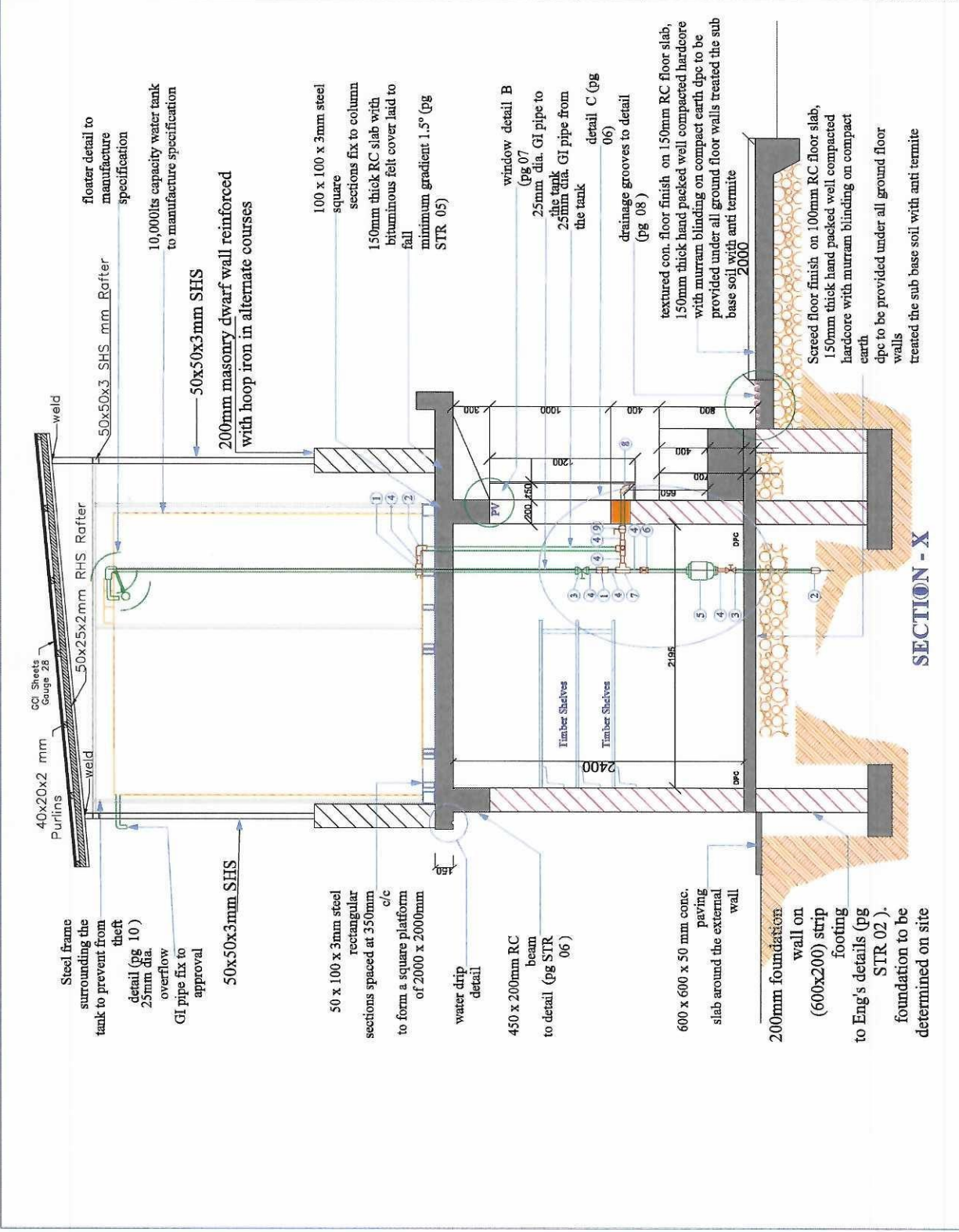
PROJECT TITLE
CONSTRUCTION OF WATER KIOSK
ADDRESS
LUBA

DRAWING TITLE
SECTION -X

CLIENT:



Designed by	ForAfrica Infrastructure Team
Drawn by	ForAfrica Infrastructure Team
Checked by	ForAfrica Infrastructure Team
Date	N.T.S.
Sheet	02 of 02



SECTION - X

Steel frame surrounding the tank to prevent from theft detail (pg 10) 25mm dia. overflow GI pipe fix to approval

50x50x3mm SHS

50 x 100 x 3mm steel rectangular sections spaced at 350mm c/c to form a square platform of 2000 x 2000mm

water drip detail

450 x 200mm RC beam to detail (pg STR 06)

600 x 600 x 50 mm conc. paving slab around the external wall

200mm foundation wall on (600x200) strip footing to Eng's details (pg STR 02). foundation to be determined on site

floor detail to manufacture specification

10,000lts capacity water tank to manufacture specification

50x50x3mm SHS

200mm masonry dwarf wall reinforced with hoop iron in alternate courses

100 x 100 x 3mm steel square sections fix to column 150mm thick RC slab with bituminous felt cover laid to fall minimum gradient 1.5° (pg STR 05)

window detail B (pg 07) 25mm dia. GI pipe to the tank 25mm dia. GI pipe from the tank detail C (pg 06)

drainage grooves to detail (pg 08)

textured con. floor finish on 150mm RC floor slab, 150mm thick hand packed well compacted hardcore with murrum binding on compact earth dpc to be provided under all ground floor walls treated the sub base soil with anti termite

Screed floor finish on 100mm RC floor slab, 150mm thick hand packed well compacted hardcore with murrum binding on compact earth dpc to be provided under all ground floor walls treated the sub base soil with anti termite

NOTE

- GENERAL NOTES:**
- All dimensions are in millimeters (mm) unless otherwise stated.
 - Foundation embedment: 12mm mesh reinforcement bars
 - Slump: 100mm
 - Vertical H-beam support: 200mm x 100mm
 - Horizontal H-beam support: 127mm x 76mm
 - Vertical slab: 200mm x 100mm
 - Top H-beam base galling sheet carrying tanks

REVISION	Date	Comments	Sign

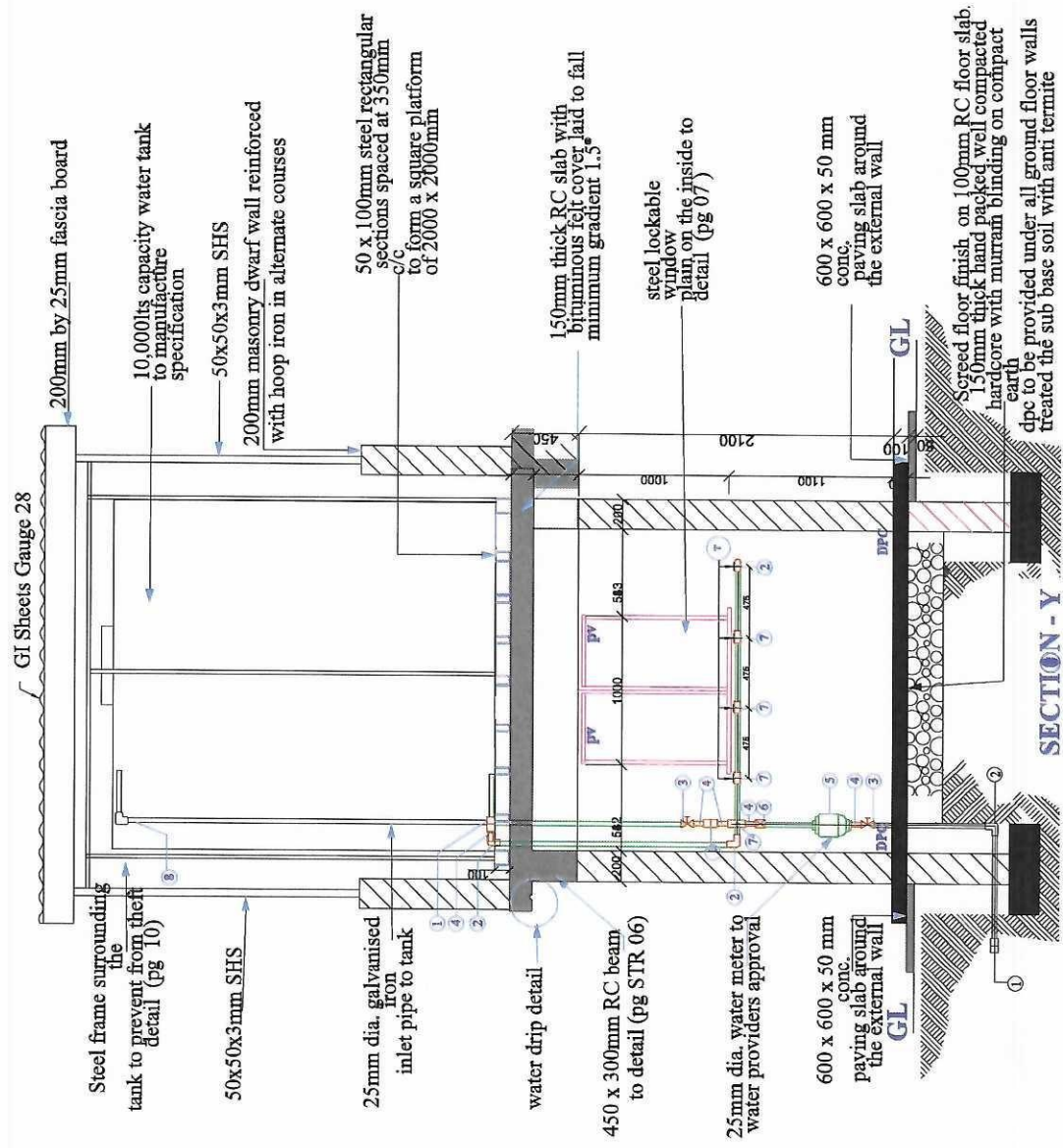
PROJECT TITLE:
CONSTRUCTION OF WATER KIOSK
ADDRESS:
JUBA

DRAWING TITLE:
SECTION - Y

CLIENT:



Designed By	ForAfrica Infrastructure Team
Drawn By	ForAfrica Infrastructure Team
Checked By	ForAfrica Infrastructure Team
Date	February, 2023



SECTION - Y

NOTE

- GENERAL NOTES:**
1. All dimensions are in millimetres (mm)
 2. Concrete mix ratio 1:2:4
 3. Foundation rebar: 12mm main
 4. Stirrups: 6mm
 5. Vertical slabs: 12mm
 6. Vertical slabs: 12mm
 7. Main H-beam roller sitting on top of steel base grating sheet carrying tanks
 - 8.

Date	Comments	Sign

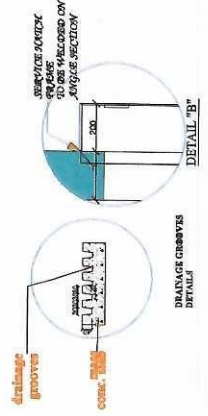
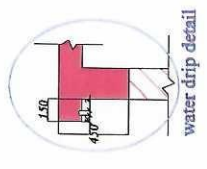
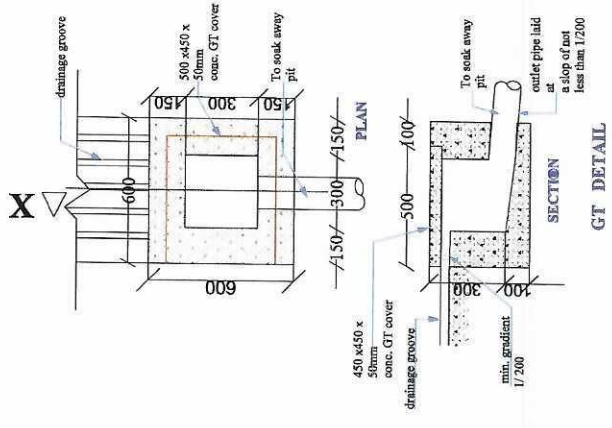
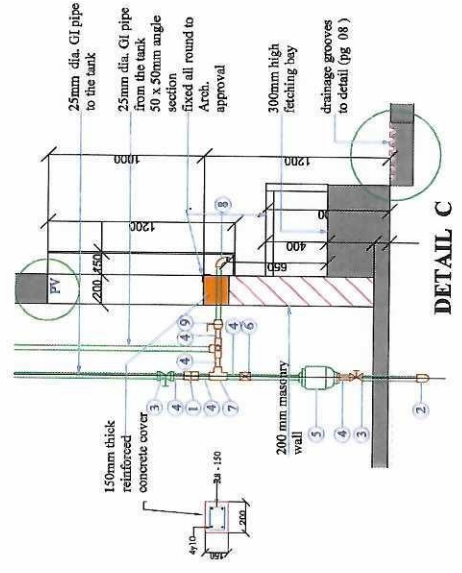
PROJECT TITLE:
CONSTRUCTION OF WATER RIDGE
ADDRESS:
JUBA

DRAWING TITLE:
DETAILS



Designed By: ForAfrica Infrastructure Team
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Checked By: ForAfrica Infrastructure Team
Scale: N.T.S.
Date: February, 2025

ITEM NO.	DESCRIPTION (ALL 25MM DIA)	UNIT	QTY
1	Galvanised Iron Union	No.	3
2	Galvanised Iron Elbows	No.	3
3	Galvanised Iron Gate Valve (Pegler)	No.	2
4	Galvanised Iron Nipples	No.	11
5	Water Meter	No.	1
6	Non Return Valve	No.	1
7	Galvanised Iron Equal Tee	No.	6
8	Galvanised Iron Bend	No.	4
9	Ball Cock Water Taps	No.	3
10	Galvanised Iron Long Thread Nipples	No.	2
17	Galvanised Iron Black Nuts	No.	4
12	Galvanised Iron Class B Pipe (per metres)	No.	4
13	Base white (40kg)	No.	3
14	Temp Thread	LM.	2
T	Galvanised Iron Hose Union Tap	No.	4



NOTE

- GENERAL NOTES:**
- All dimensions are in millimeters (mm)
 - Concrete mix ratio 1:2:4
 - Reinforcement bars: 12mm main reinforcement bars
 - Strip: 10mm
 - Vertical alignment H-character: 127mm/75mm
 - Horizontal H-beam support: 127mm/75mm
 - Main H-beam either sitting on concrete or steel support: 200mm/102mm
 - Top H-beam shall have girth sheet carrying tanks

REVISION		

Date	Comments	Sign

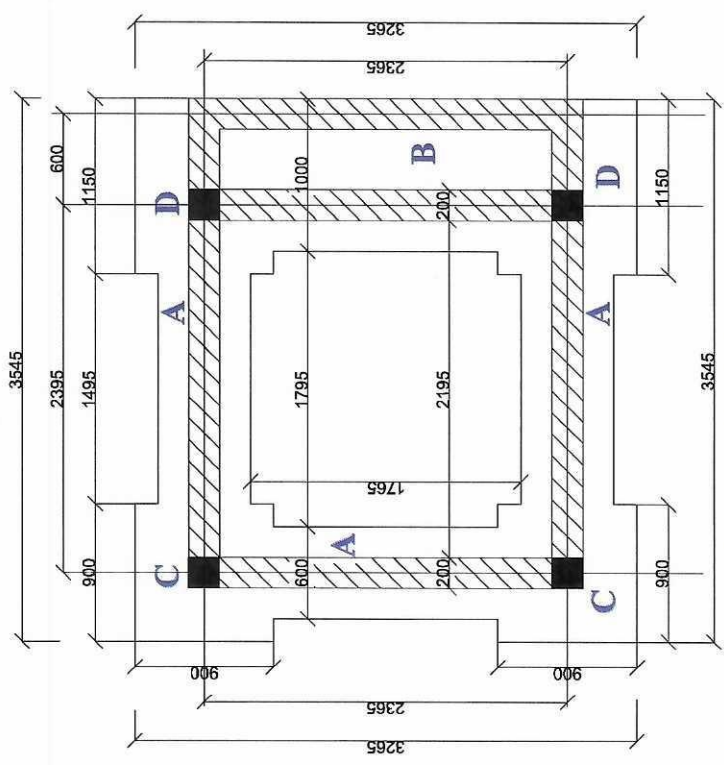
PROJECT TITLE:
CONSTRUCTION OF WATER KIOSK
ADDRESS:
JUBA

DRAWING TITLE:
FOUNDATION LAYOUT

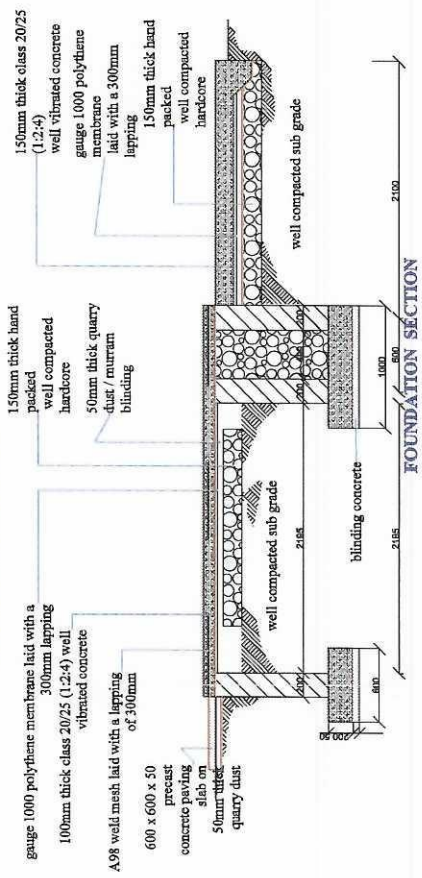
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Scale	N.T.S.
Date	February, 2025



FOUNDATION PLAN




FOUNDATION SECTION

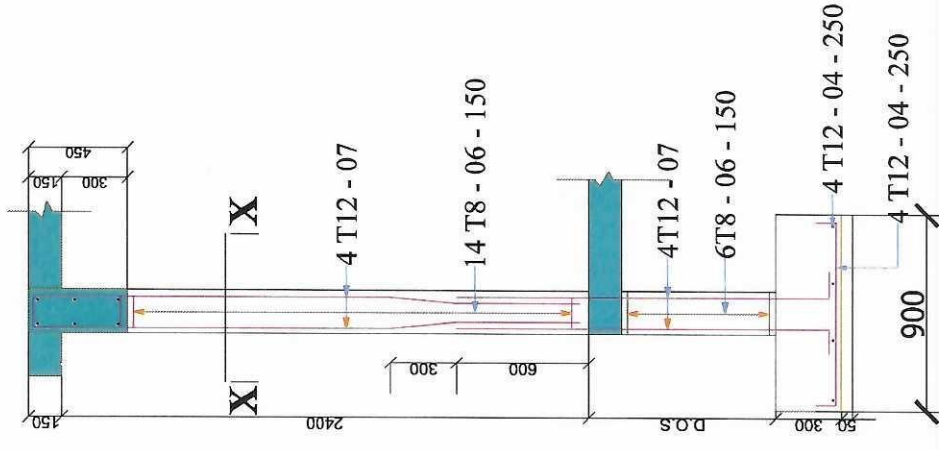
NOTE	
GENERAL NOTES:	
1. All dimensions are in millimeters (mm)	
2. Reinforcing bars: 12.4	
3. Foundation rebar: 12mm main reinforcement bars	
4. Strip: 10mm	
5. Vertical H-beam: H-channel: 203mm x 100mm	
6. Horizontal H-beam support: 127mm x 75mm	
7. Main H-beam resting on: 203mm x 100mm	
8. Top H-channel base grating sheet carrying tanks	

REVISION	Date	Comments	Sign

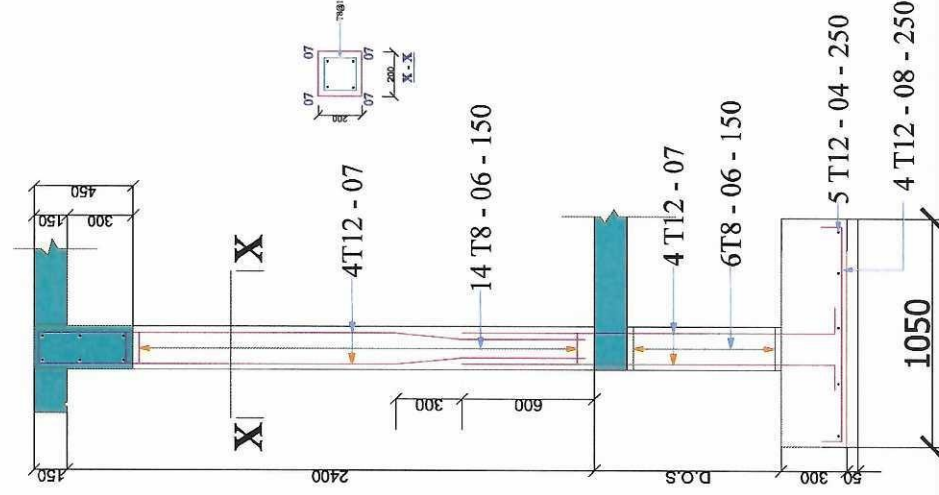
PROJECT TITLE: CONSTRUCTION OF WATER CLOCK ADDRESS: MURA
DRAWING TITLE: FOUNDATION/ COLUMN DETAILS

CLIENT:	
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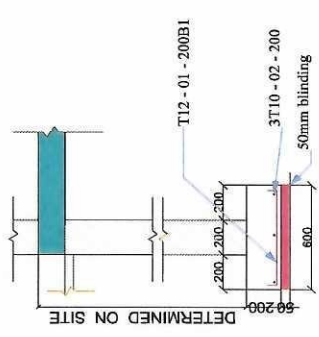
Designed By: ForAfrica Infrastructure Team	Drawn By: ForAfrica Infrastructure Team	Checked By: ForAfrica Infrastructure Team	Date: February, 2025



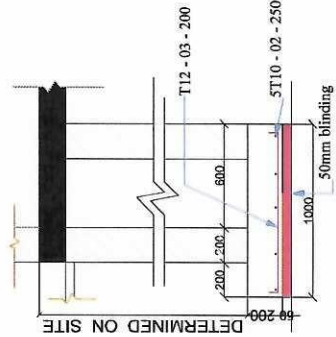
DETAIL FOR COLUMN & BASE C 2No.



DETAIL FOR COLUMN & BASE D 2No.



DETAIL FOR STRIP FOOTING A



DETAIL FOR STRIP FOOTING B

NOTE

- GENERAL NOTES:**
- All dimensions are in millimeters (mm).
 - Reinforcing bars shall be 12mm diameter.
 - Foundation slab: 12mm main reinforcement.
 - Slump: 10mm.
 - 20mm x 10mm H-beam.
 - Horizontal H-beam support: 12mm x 75mm.
 - Vertical strachon: 205mm x 102mm.
 - Top H-beam base grating sheet carrying area.

REVISION	Date	Comments	Sign

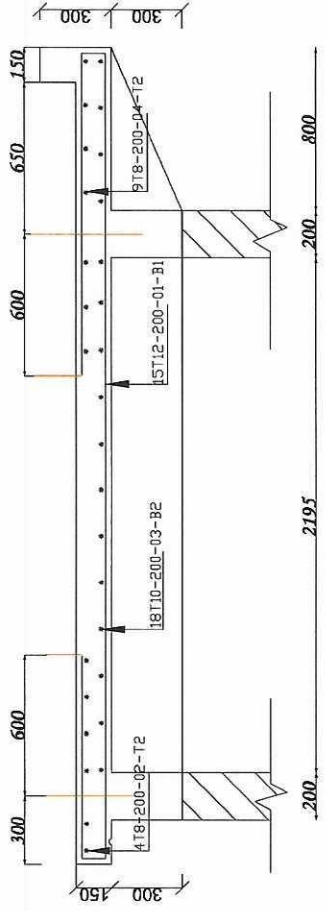
PROJECT TITLE
CONSTRUCTION OF WATER KIOSK
ADDRESS
JUBA

DRAWING TITLE
SLAB DETAILS

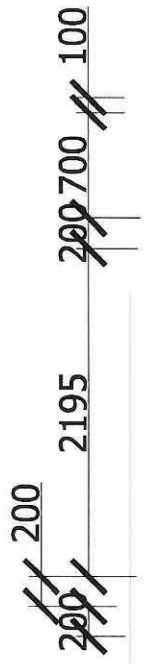
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Date	February, 2025



T. C. SLAB SECTION Y-Y



R. C. SLAB DETAILS

NOTE

GENERAL NOTES:

1. All dimensions are in millimetres (mm)
2. Concrete mix ratio: 1:2:4
3. Foundation clearance: 12mm min
4. Slab thickness: 100mm
5. Vertical extension H-channel: 200mm x 102mm
6. Vertical extension H-beam support: 127mm x 76mm
7. Main H-beam either sitting on vertical extension, 200mm x 102mm
8. 150mm x 150mm base grating sheet covering manhole

REVISION

Date	Comments	Sign

PROJECT TITLE:

CONSTRUCTION OF WATER KIOSK
ADDRESS:
JUBA

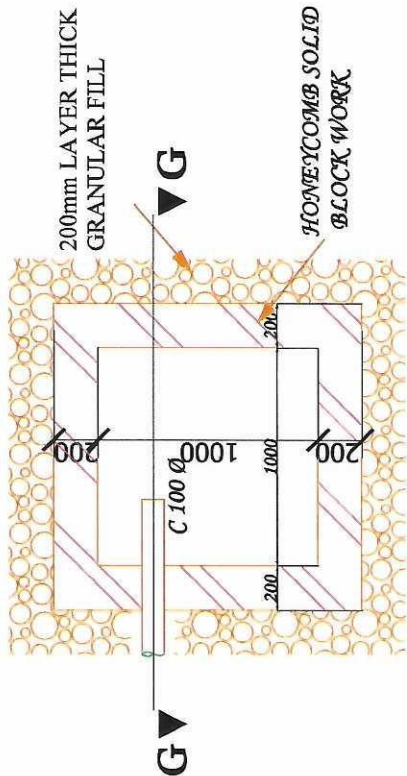
DRAWING TITLE:

SOAK AWAY DETAILS

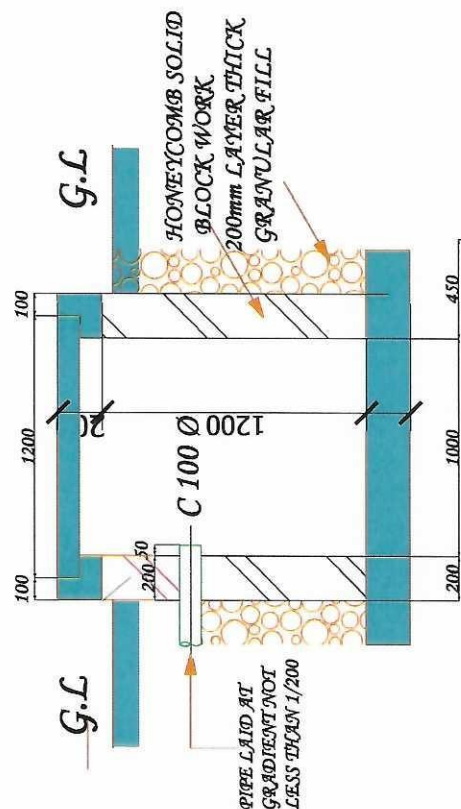
CLIENT:



Designed By	ForAfrica Infrastructure Team
Drawn By	ForAfrica Infrastructure Team
Checked By	ForAfrica Infrastructure Team
Scale	N.T.S.
Date	February, 2023



SOAK PIT PLAN



LONGITUDINAL SECTION THROUGH SECTION G-G

SOAK AWAY DETAIL

NOTE

- GENERAL NOTES:**
- All dimensions are in millimeters (mm)
 - Concrete mix ratio 1:2:4
 - Reinforcement bars 12mm min
 - Stirrup: 10mm
 - Vertical reinforcement H-channel
 - Horizontal H-beam support
 - 127mm²70mm
 - Main H-beam after setting of concrete
 - Top H-channel base grating sheet carrying tanks

Date	Comments	Sign

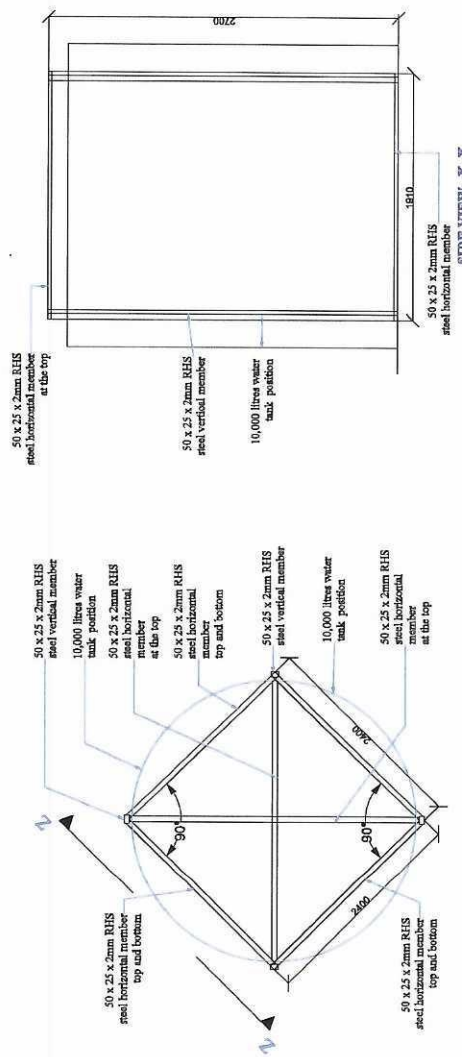
PROJECT TITLE:
CONSTRUCTION OF WATER KIOSK
ADDRESS:
JUBA

DRAWING TITLE:
STEEL CAGE/ DOOR
DETAILS

CLIENT:



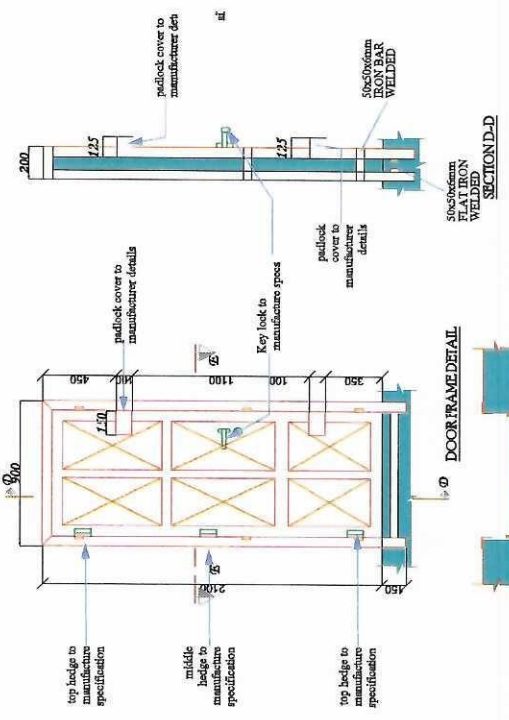
Designed By	ForAfrica Infrastructure Team
Drawn By	ForAfrica Infrastructure Team
Checked By	ForAfrica Infrastructure Team
Scale	N.T.S.
Date	February, 2025



TOP VIEW
STEEL CAGE DETAIL

NB the cage to be used on 10,000litrs tanks

SIDE VIEW X-X
STEEL CAGE DETAIL



DOOR FRAME DETAIL

SECTION D-D

PLANE E-E

270ggs
STEEL
6000ggs
25mm

6000ggs
STEEL
6000ggs
25mm