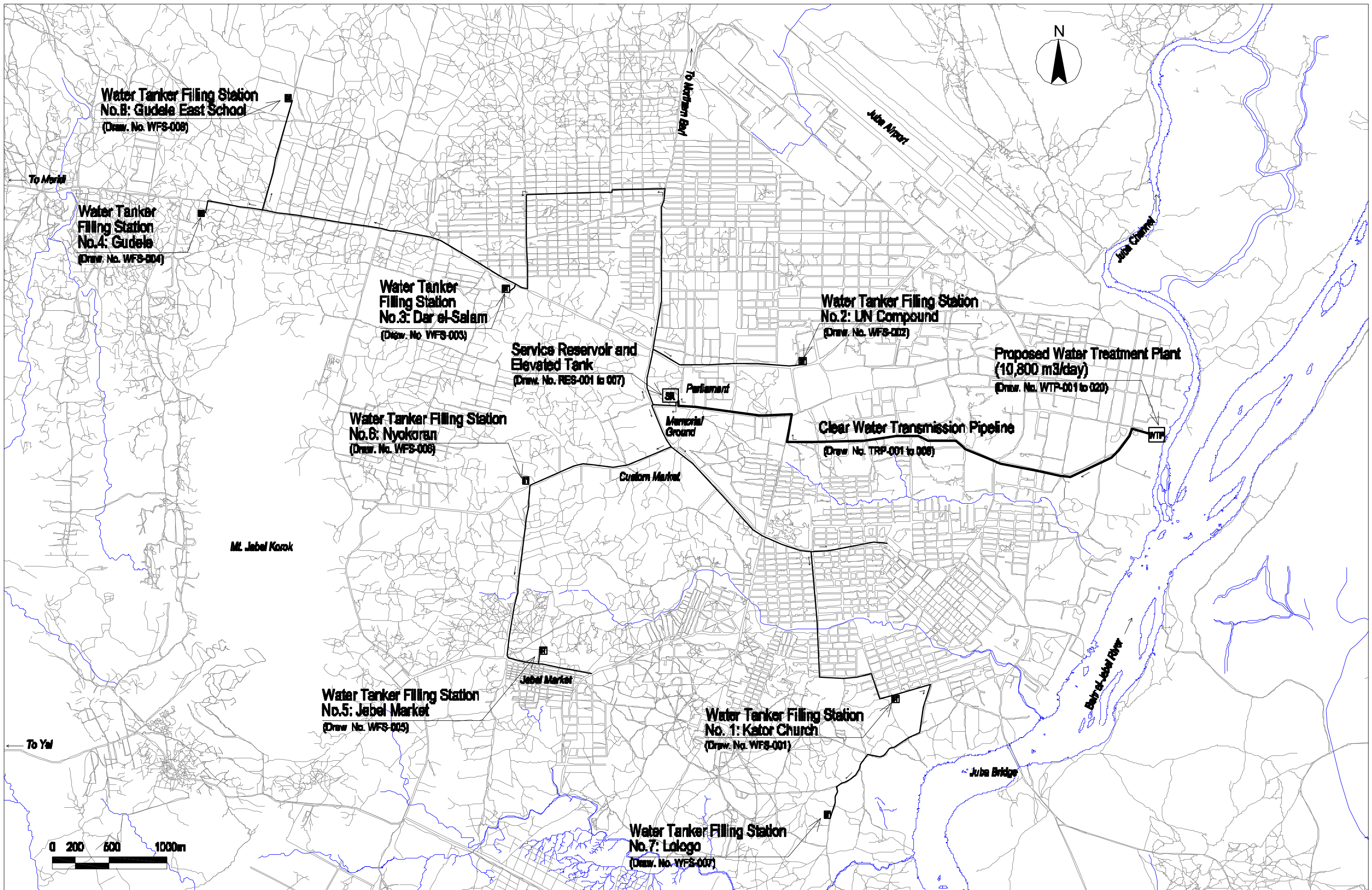
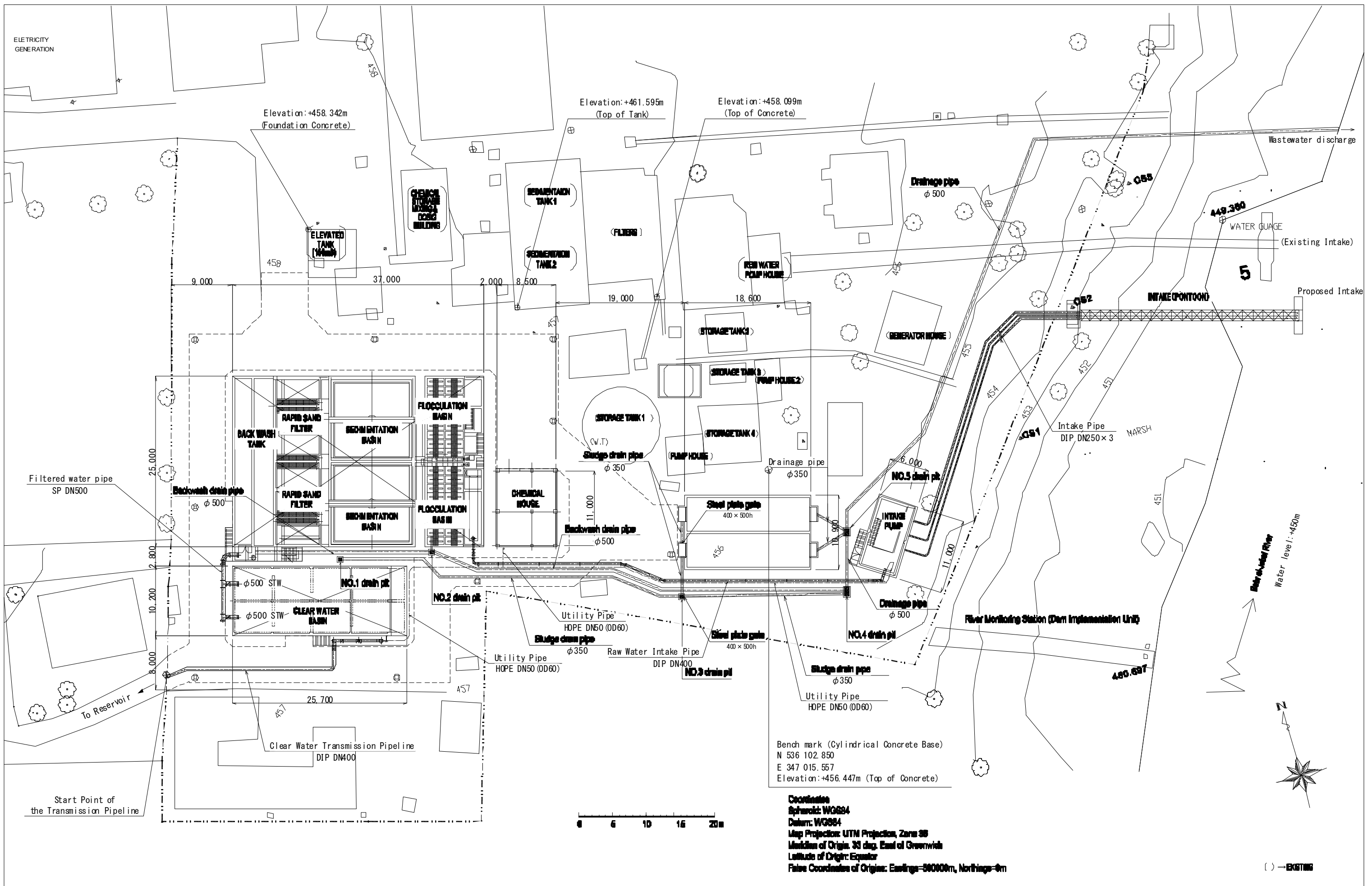


添付資料 - 7 概略設計図面



The Project for the Improvement of Water Supply System of Juba in Southern Sudan	Ministry of Water Resources and Irrigation Government of Southern Sudan	Japan International Cooperation Agency (JICA)	Public:	Title:	Scale:	Drawing No.:
	Southern Sudan Urban Water Corporation	Tokyo Engineering Consultants, Co., Ltd.	General	General Arrangement Plan	1/30000	GEN-001
					Original Paper Size:	Date:
					A3	Dec. 2010
						Revision:
						Rev. 2.0



The Project for the Improvement
of Water Supply System of Juba
in Southern Sudan

Ministry of Water Resources and Irrigation
Government of Southern Sudan
Southern Sudan Urban Water Corporation

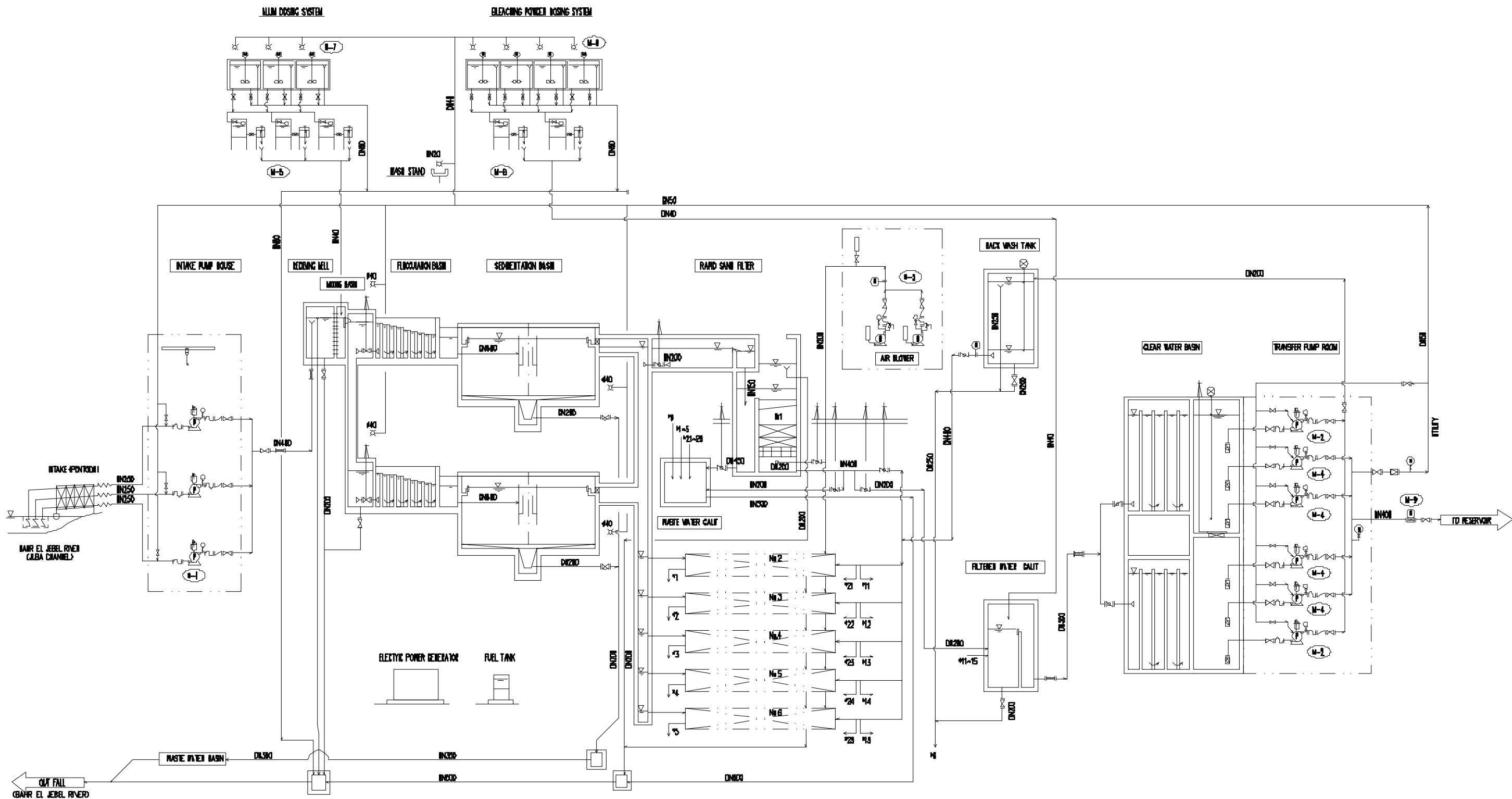
Japan International Cooperation Agency
(JICA)
Tokyo Engineering Consultants, Co., Ltd.

Facility
Water Treatment Plant

Title
General Layout Plan

Scale
1/500
Original Paper Size
A3

Drawing No.
WTP-001
Date
Mar. 2011
Revision
Rev. 2.0



TAG NO	M - 1	M - 2	M - 3	M - 4	M - 5	M - 6	M - 7	M - 8	M - 9
ITEM NAME	INTAKE PUMP	ELEVATING PUMP	AIR BLOWER	TRANSFER PUMP	ALUM DOSING UNIT	BLEACHING POWDER DOSING UNIT	ALUM DILUTION MIXER	BLEACHING POWDER DILUTION MIXER	FLOW METER
TYPE	SELF-PRIMING	END SUCTION	ROOTS-TYPE	MULTI-STAGE END SUCTION	DRIP TYPE	DRIP TYPE	ELECTRIC MOTOR DRIVE	ELECTRIC MOTOR DRIVE	WALTMAN TURBIN TYPE
SPEC.	4.1m ³ /min, 21m 30kw, 400v, 50Hz	3.0m ³ /min, 11m 11kw, 400v, 50Hz	15.4m ³ /min, 1.5m 7.5kw, 400v, 50Hz	2.5m ³ /min, 76m 55kw, 400v, 50Hz	15~150L/hr MANUAL	11~110L/hr MANUAL	360 RPM 0.75kw, 400v, 50Hz	360 RPM 0.75kw, 400v, 50Hz	Φ400 INSTANTANEOUS FLOW ACCUMULATIVE FLOW
ACCESSORY	FOOT VALVE SLUICE VALVE CHECK VALVE PRESS. GAUGE EXP-JOINT	FOOT VALVE SLUICE VALVE CHECK VALVE PRESS. GAUGE EXP-JOINT	SILENCER CHECK VALVE EXP-JOINT	FOOT VALVE SLUICE VALVE SMBLENSKY CHECK VALVE EXP-JOINT	300L PE TANK	200L PE TANK	SUPPORT (CS)	SUPPORT (CS)	
NUMBER	3 (1)	2 (1)	2 (1)	4 (1)	3 (1)	2 (1)	3 (1)	4 (1)	1

The Project for the Improvement of Water Supply System of Juba in Southern Sudan

Ministry of Water Resources and Irrigation
Government of Southern Sudan
Southern Sudan Urban Water Corporation

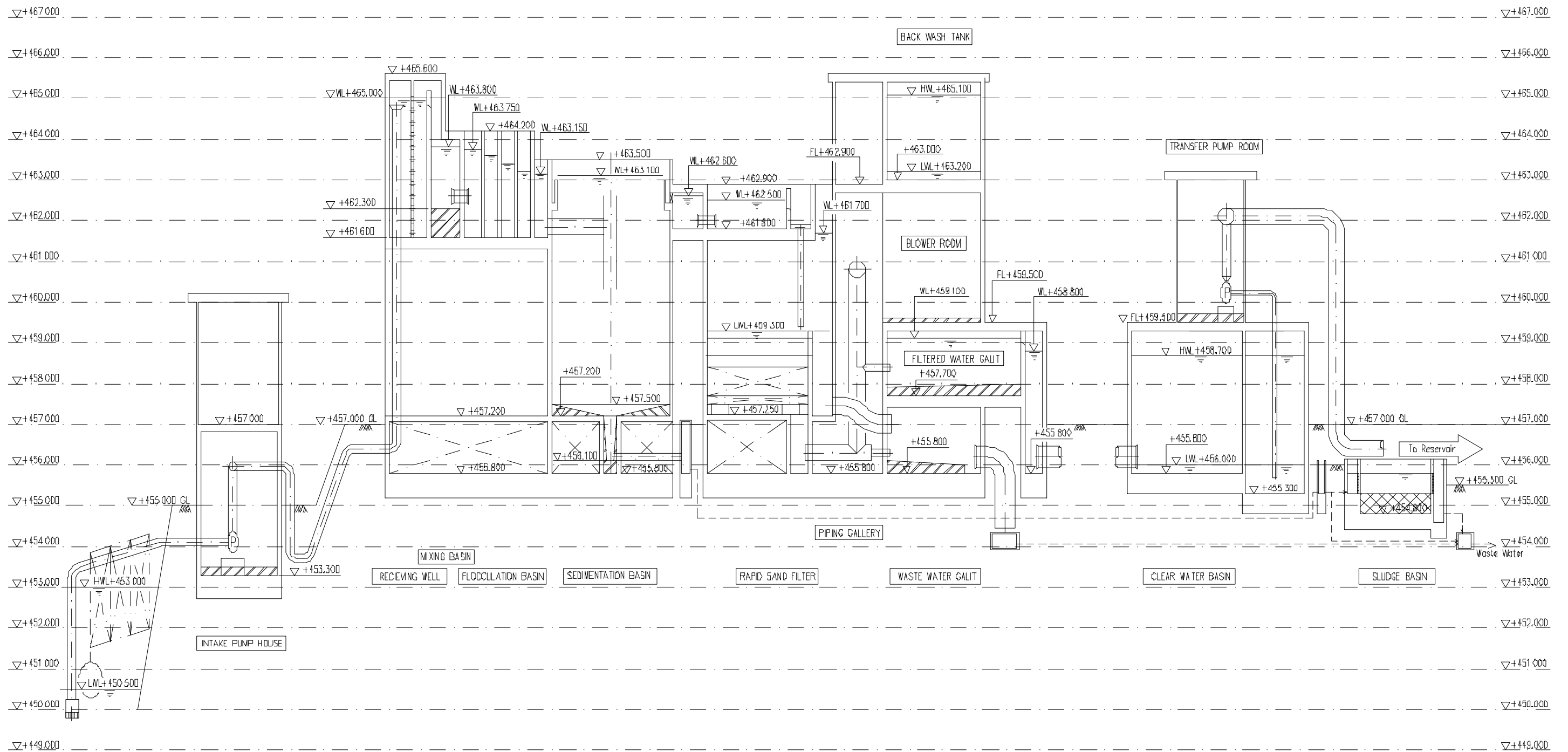
Japan International Cooperation Agency (JICA)
Tokyo Engineering Consultants, Co., Ltd.

Plant: Water Treatment Plant

Title: Process Flow Diagram

Scale: Non
Original Paper Size: A3

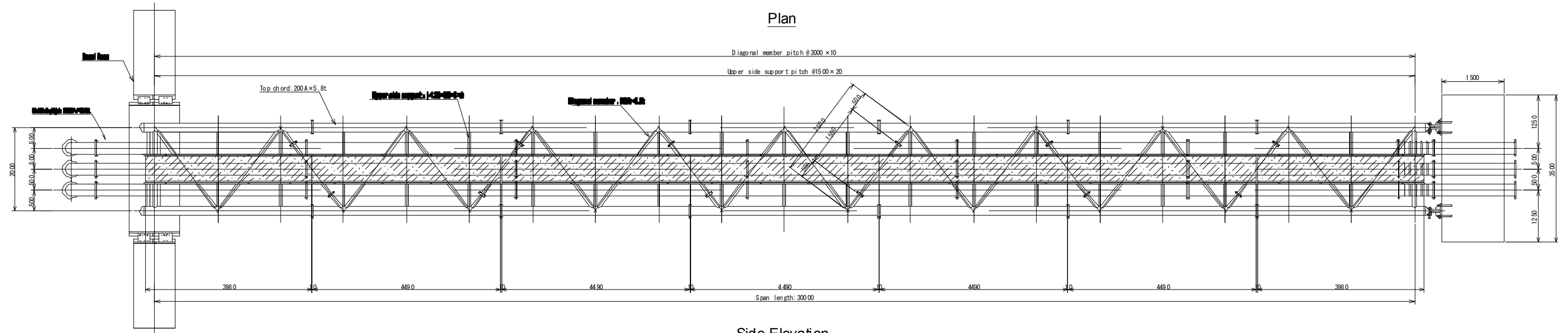
Drawing No.: WTP-002
Date: Mar. 2011
Revision: Rev. 2.0



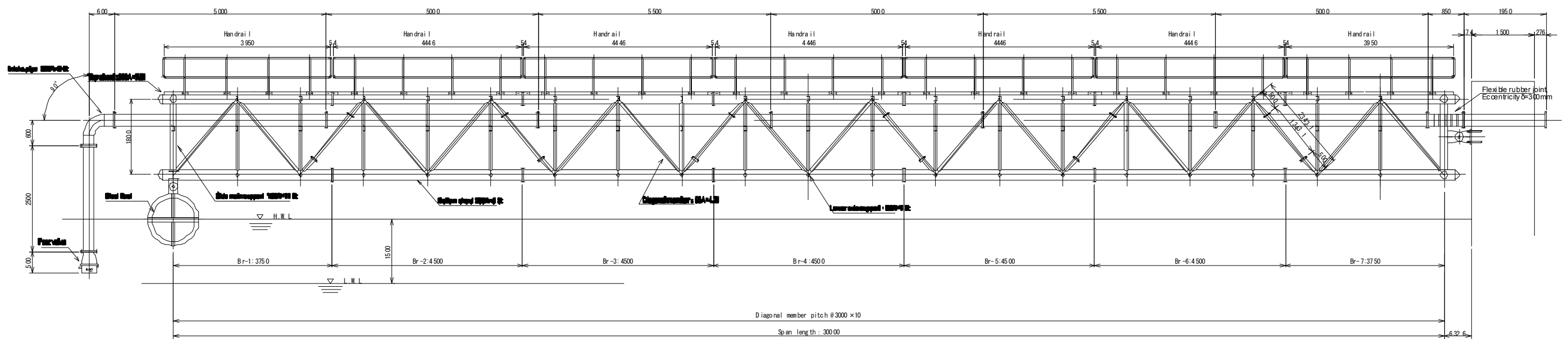
The Project for the Improvement of Water Supply System of Juba in Southern Sudan	Ministry of Water Resources and Irrigation Government of Southern Sudan	Japan International Cooperation Agency (JICA)	Water Treatment Plant	Water Level Profile	Scale: Non	Drawing No.: WTP-003
	Southern Sudan Urban Water Corporation	Tokyo Engineering Consultants, Co., Ltd.			Original Paper Size: A3	Date: Mar. 2011 Revision: Rev. 2.0

Intake Pipe on Box Truss Support with Float
(Dia. 250mm x 3 nos.)

Plan



Side Elevation



**The Project for the Improvement
of Water Supply System of Juba
in Southern Sudan**

**Ministry of Water Resources and Irrigation
Government of Southern Sudan
Southern Sudan Urban Water Corporation**

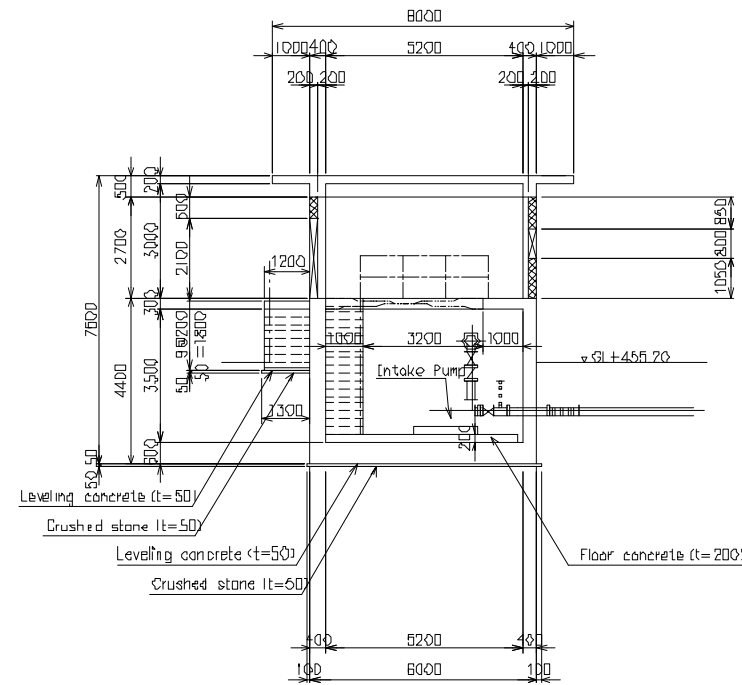
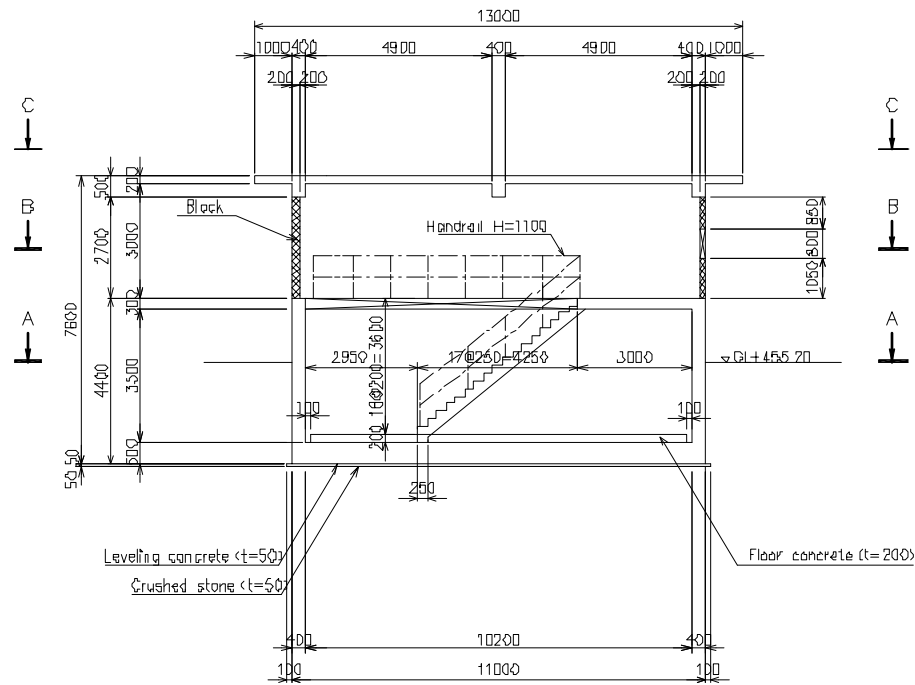
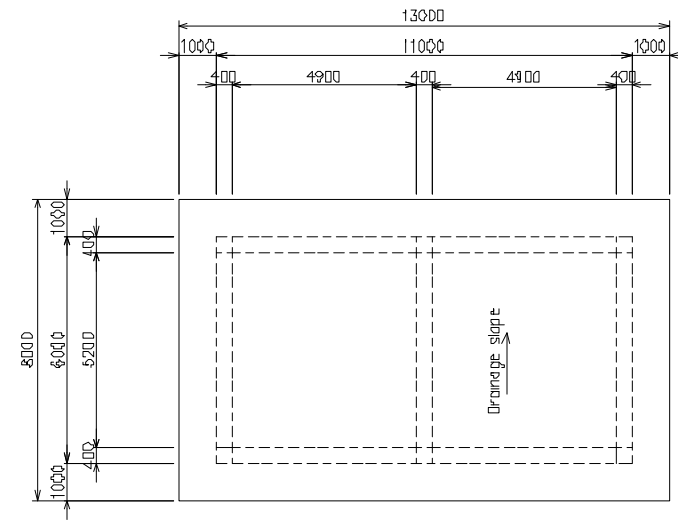
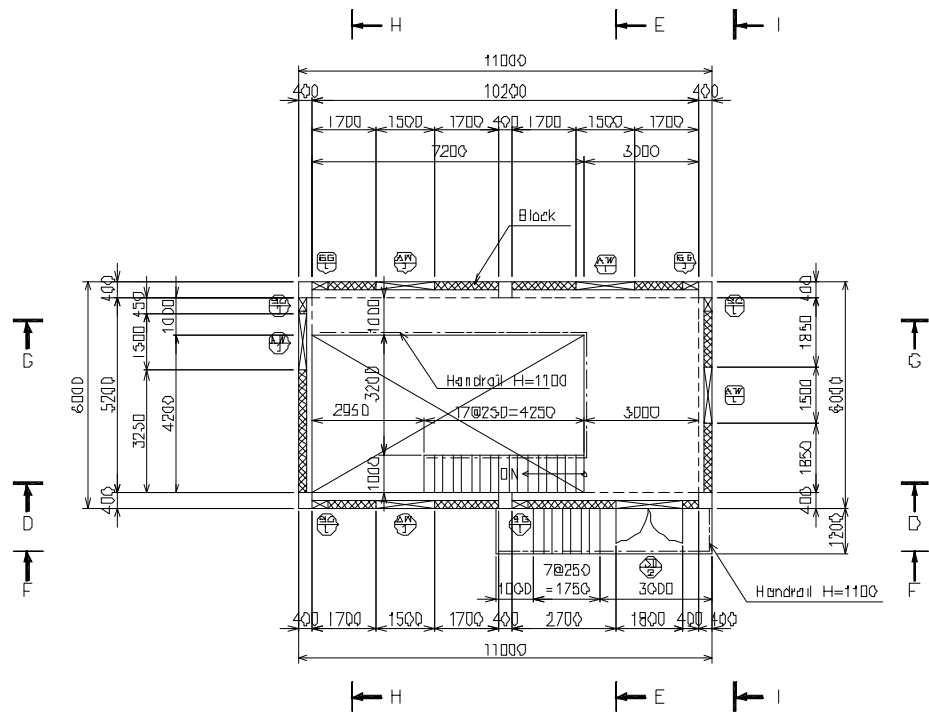
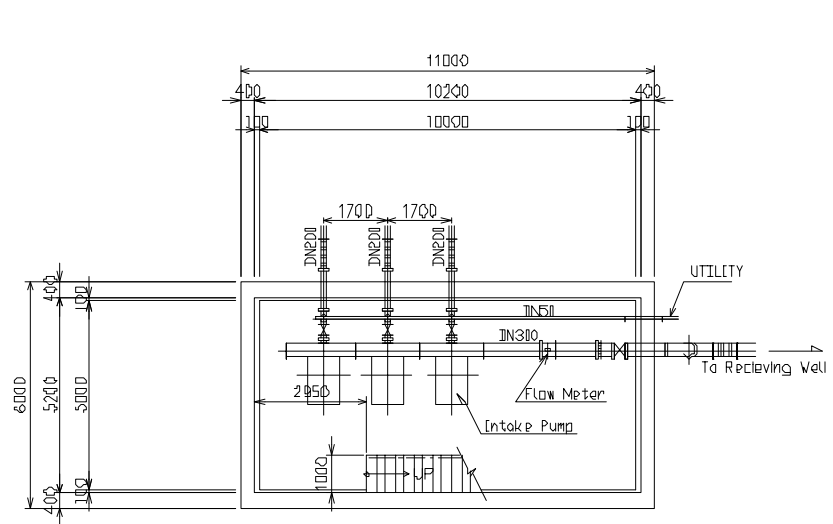
**Japan International Cooperation Agency
(JICA)
Tokyo Engineering Consultants, Co., Ltd.**

Facility:
Water Treatment Plant

Title:
Water Intake

Scale:
1/100
Original Paper Size:
A3

Drawing No.:
WTP-004
Date:
Mar. 2011
Revision:
Rev. 2.0



The Project for the Improvement
of Water Supply System of Juba
in Southern Sudan

Ministry of Water Resources and Irrigation
Government of Southern Sudan
Southern Sudan Urban Water Corporation

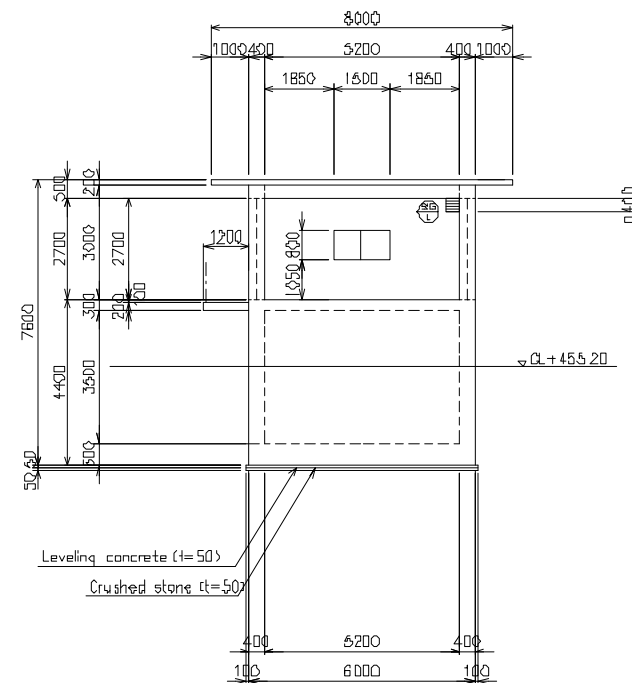
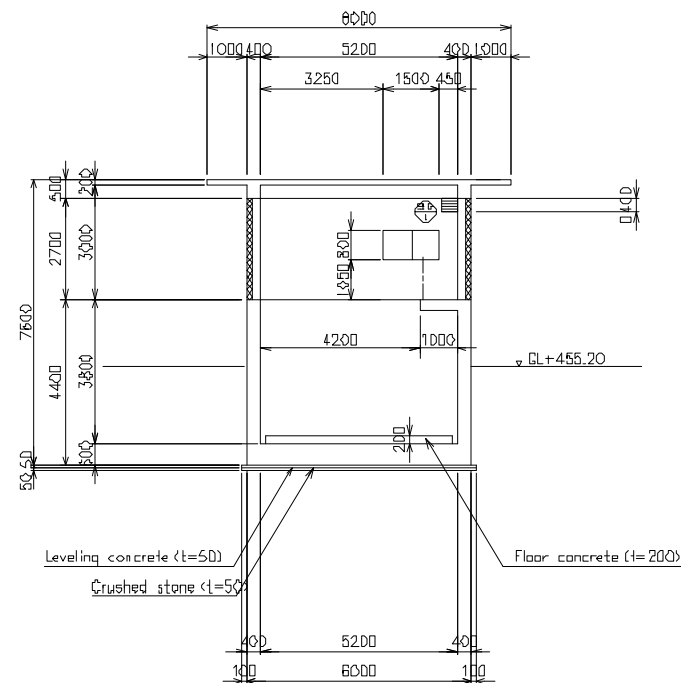
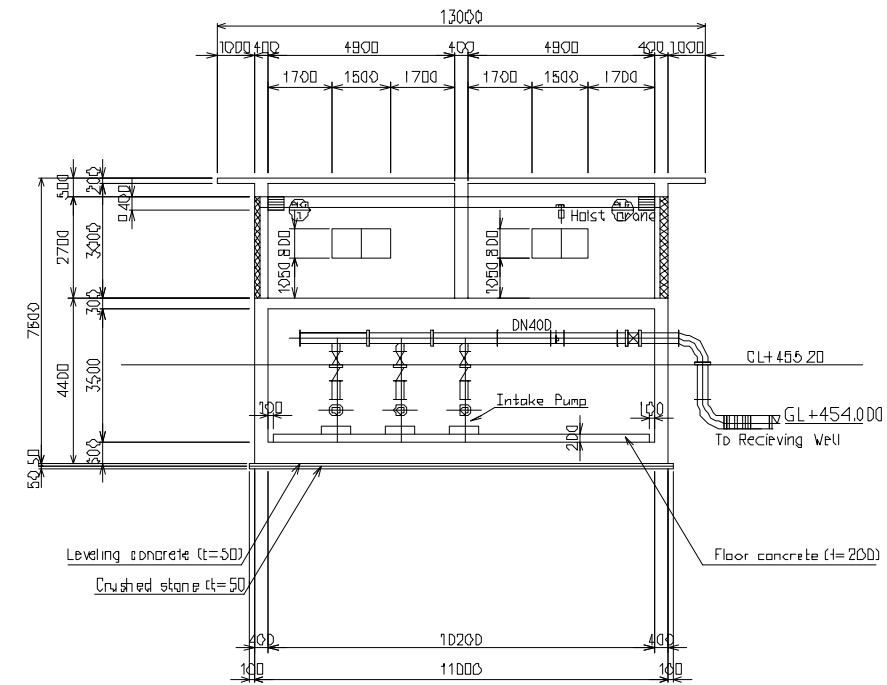
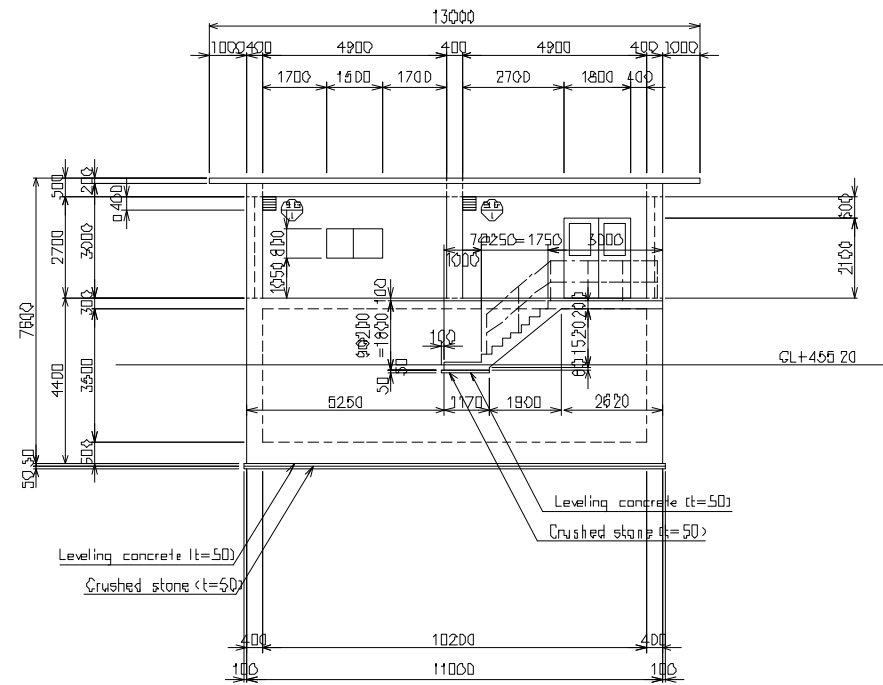
Japan International Cooperation Agency
(JICA)
Tokyo Engineering Consultants, Co., Ltd.

Facility
Water Treatment Plant

Title
Intake Pump House (1/2)

Scale
1/200
Original Paper Size
A3

Drawing No.
WTP-005
Date
Mar. 2011
Revision
Rev. 1.0



The Project for the Improvement
of Water Supply System of Juba
in Southern Sudan

Ministry of Water Resources and Irrigation
Government of Southern Sudan
Southern Sudan Urban Water Corporation

Japan International Cooperation Agency
(JICA)
Tokyo Engineering Consultants, Co., Ltd.

Facility

Service Reservoir

Title

Intake Pump House (2/2)

Scale

1/200

Original Paper Size
A3

Drawing No.

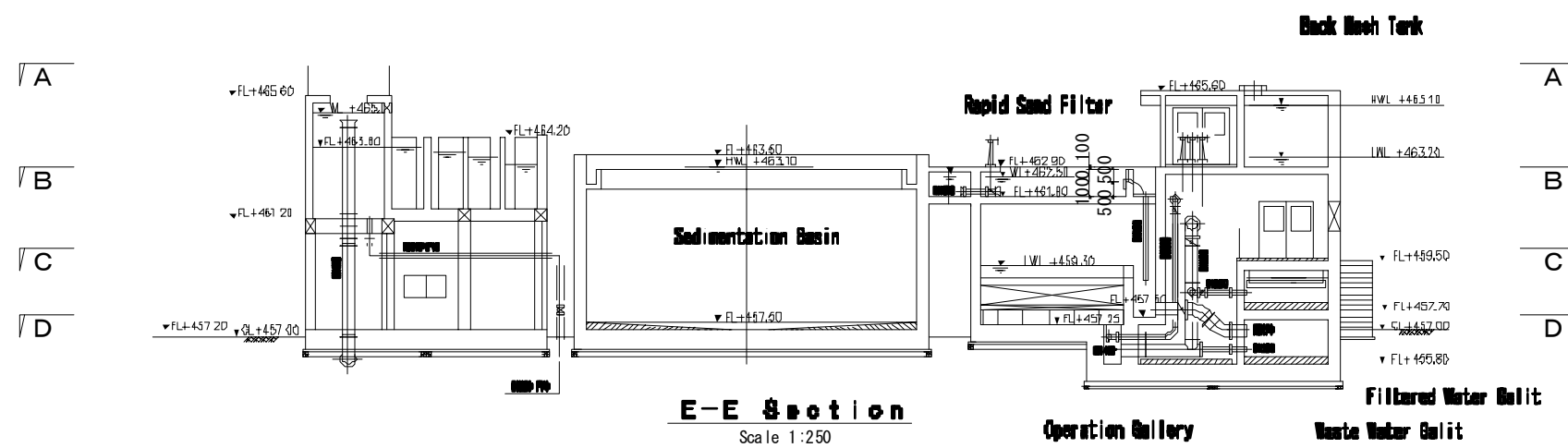
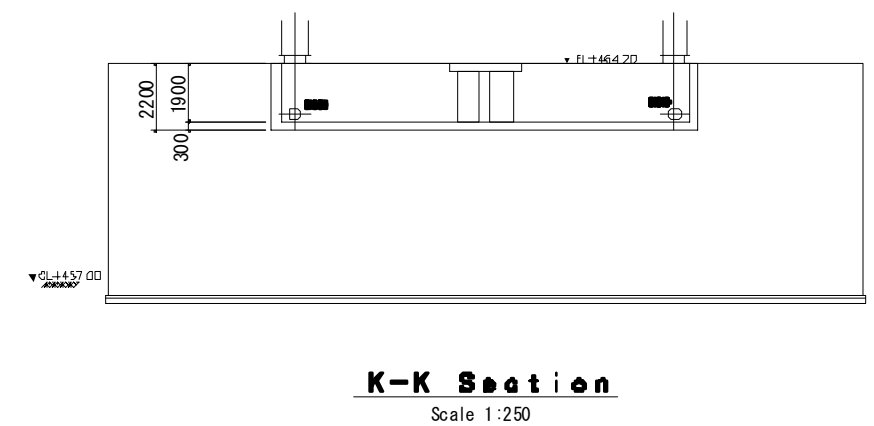
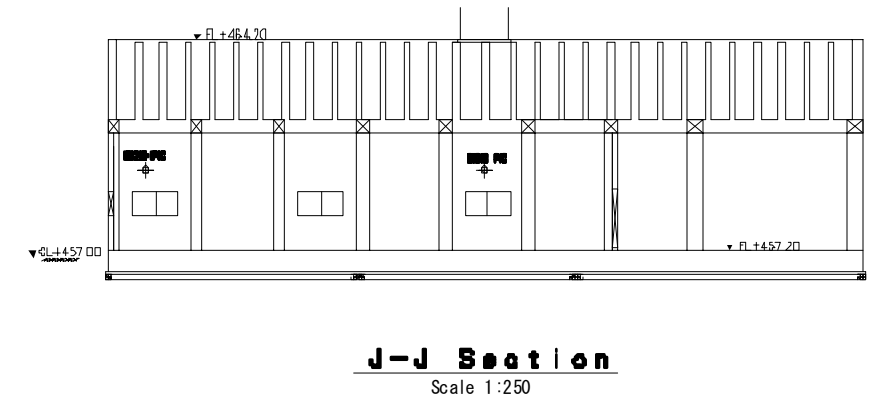
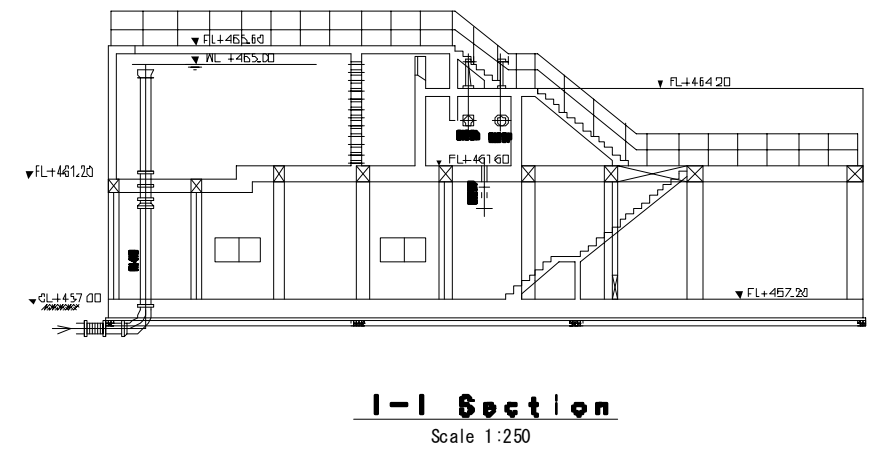
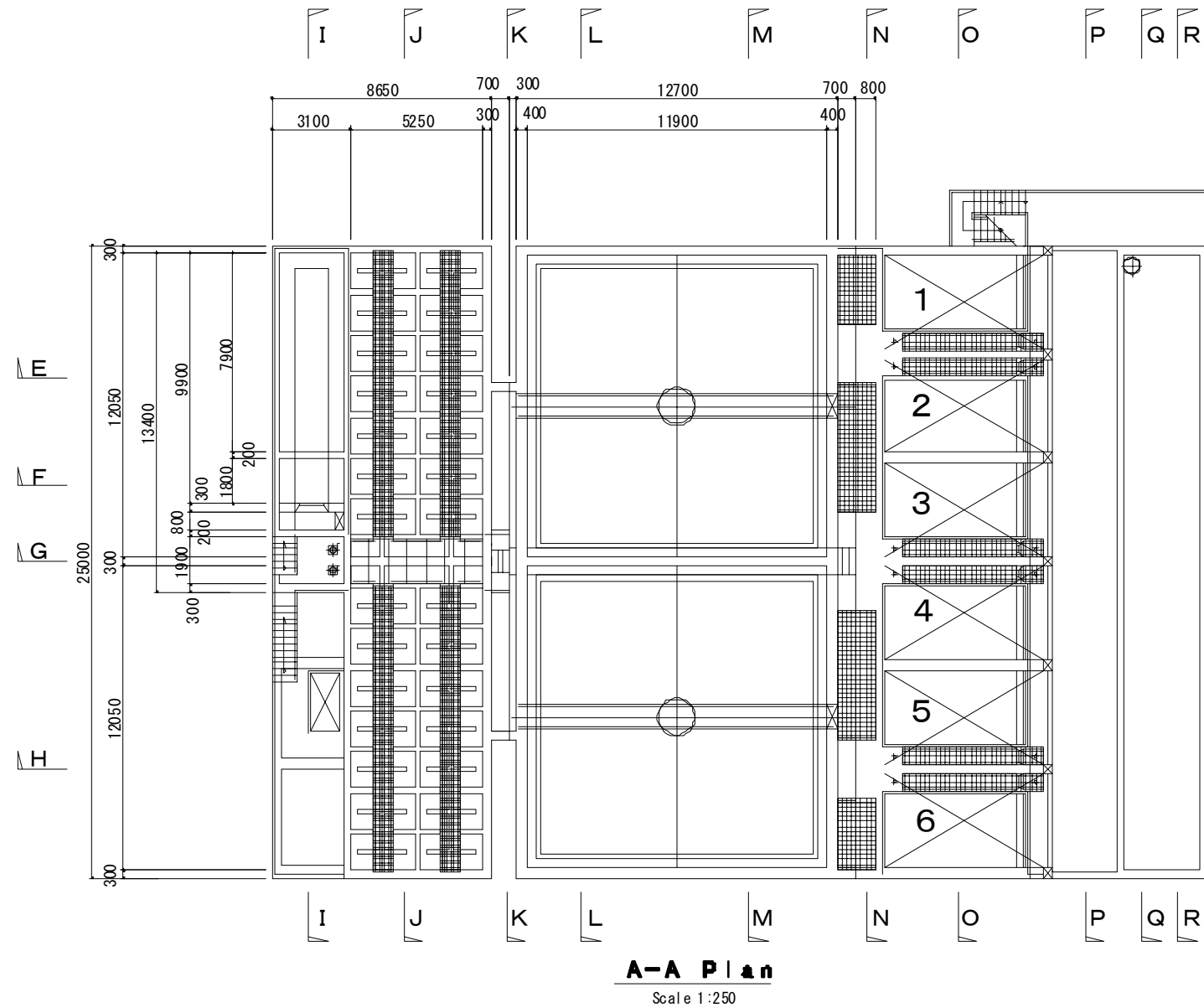
WTP-006

Date

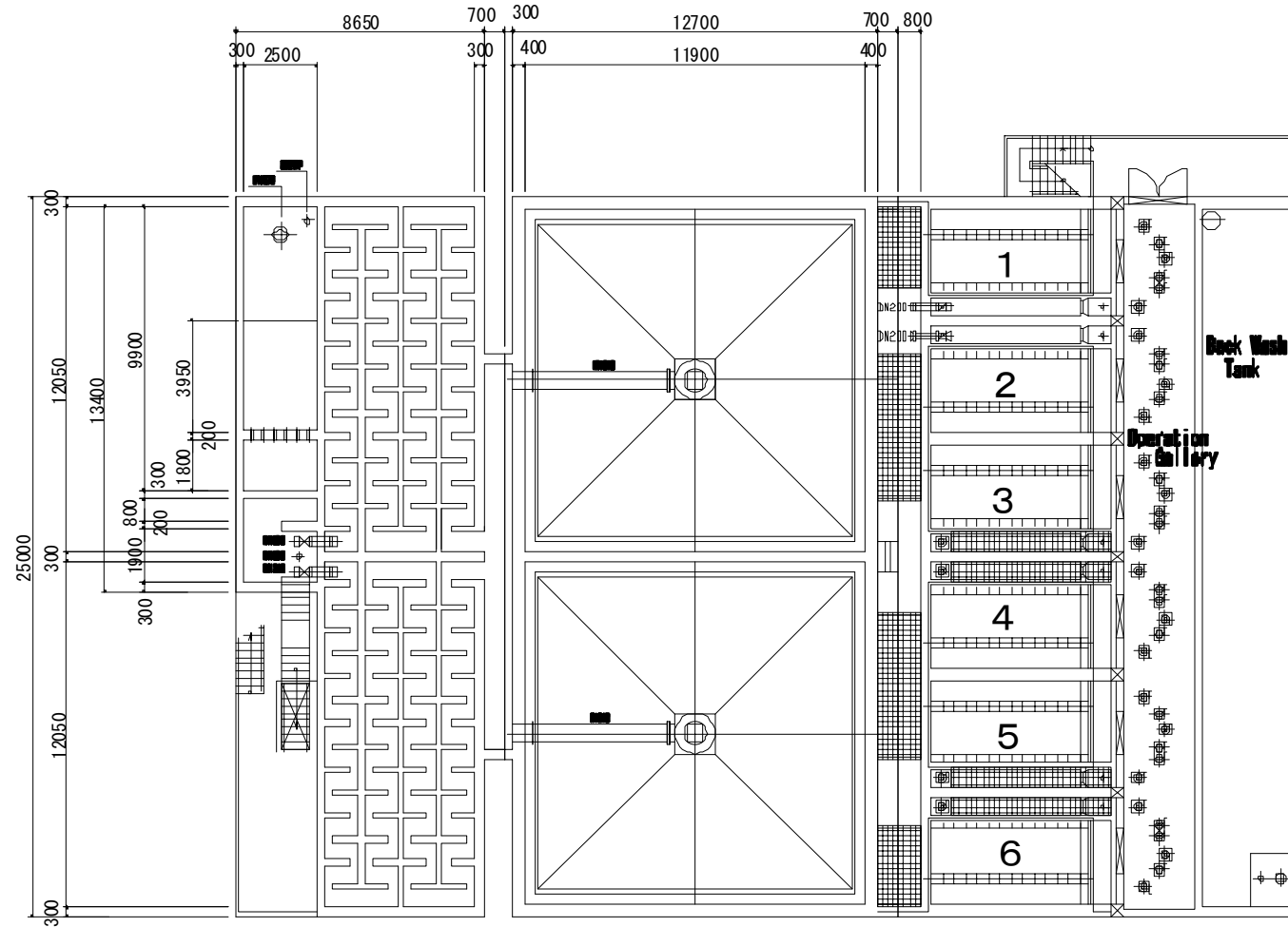
Mar. 2011

Revision

Rev. 1.0

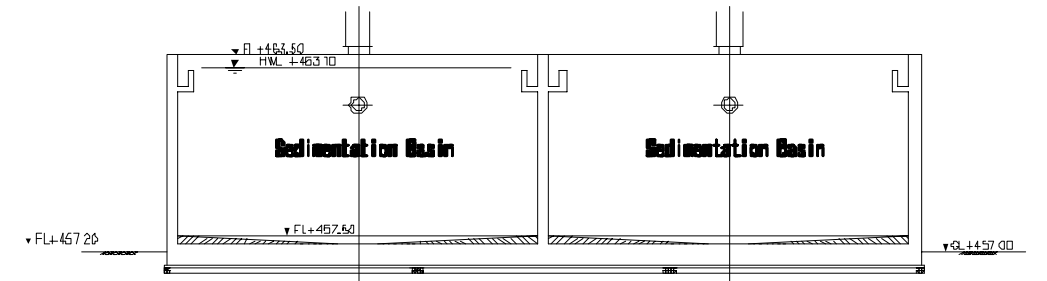


The Project for the Improvement of Water Supply System of Juba in Southern Sudan	Ministry of Water Resources and Irrigation Government of Southern Sudan	Japan International Cooperation Agency (JICA)	Facility: Water Treatment Plant	Title: Floculation/ Sedimentation/ Filtration - 1	Scale: 1/250	Drawing No. : WTP-007	
	Southern Sudan Urban Water Corporation	Tokyo Engineering Consultants, Co., Ltd.			Original Paper Size: A3	Date: Mar. 2011	Revision: Rev. 1.1



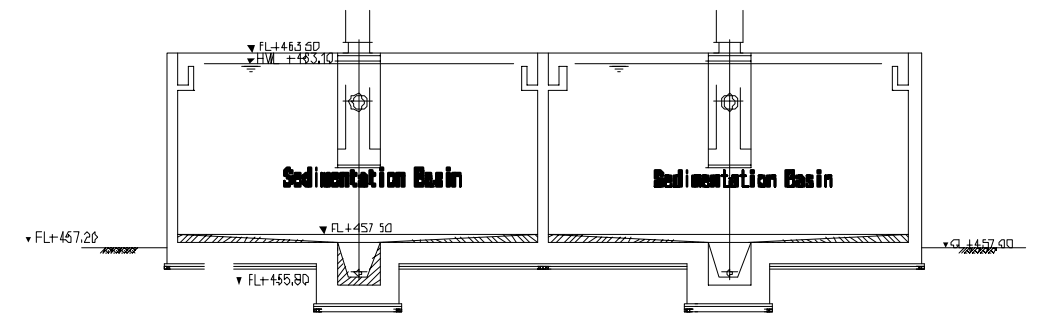
B-B Plan

Scale 1:250



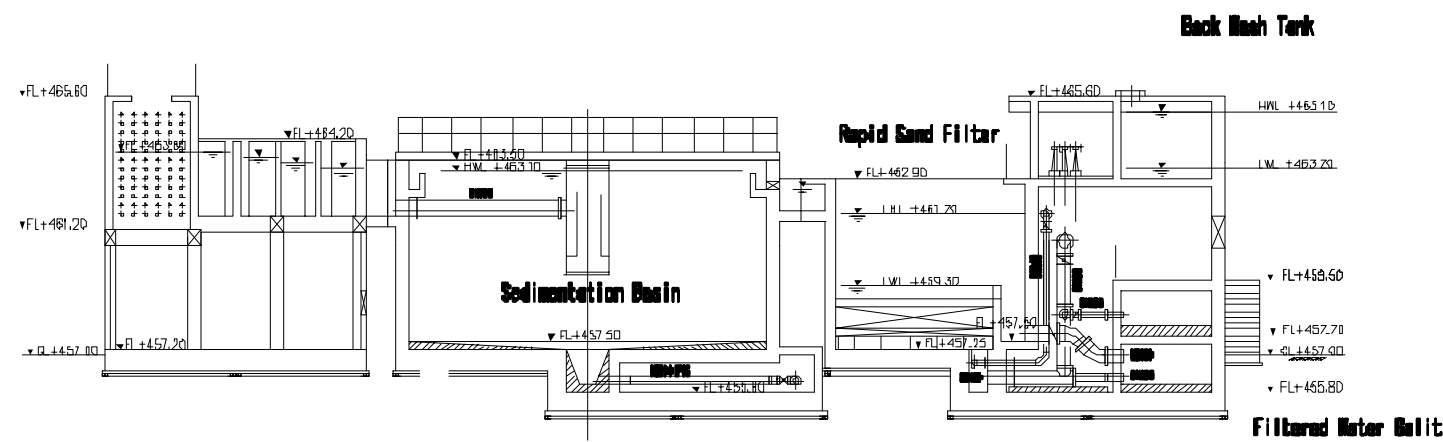
L-L Section

Scale 1:250



M-M Section

Scale 1:250



F-F Section

Scale 1:250

The Project for the Improvement
of Water Supply System of Juba
in Southern Sudan

Ministry of Water Resources and Irrigation
Government of Southern Sudan
Southern Sudan Urban Water Corporation

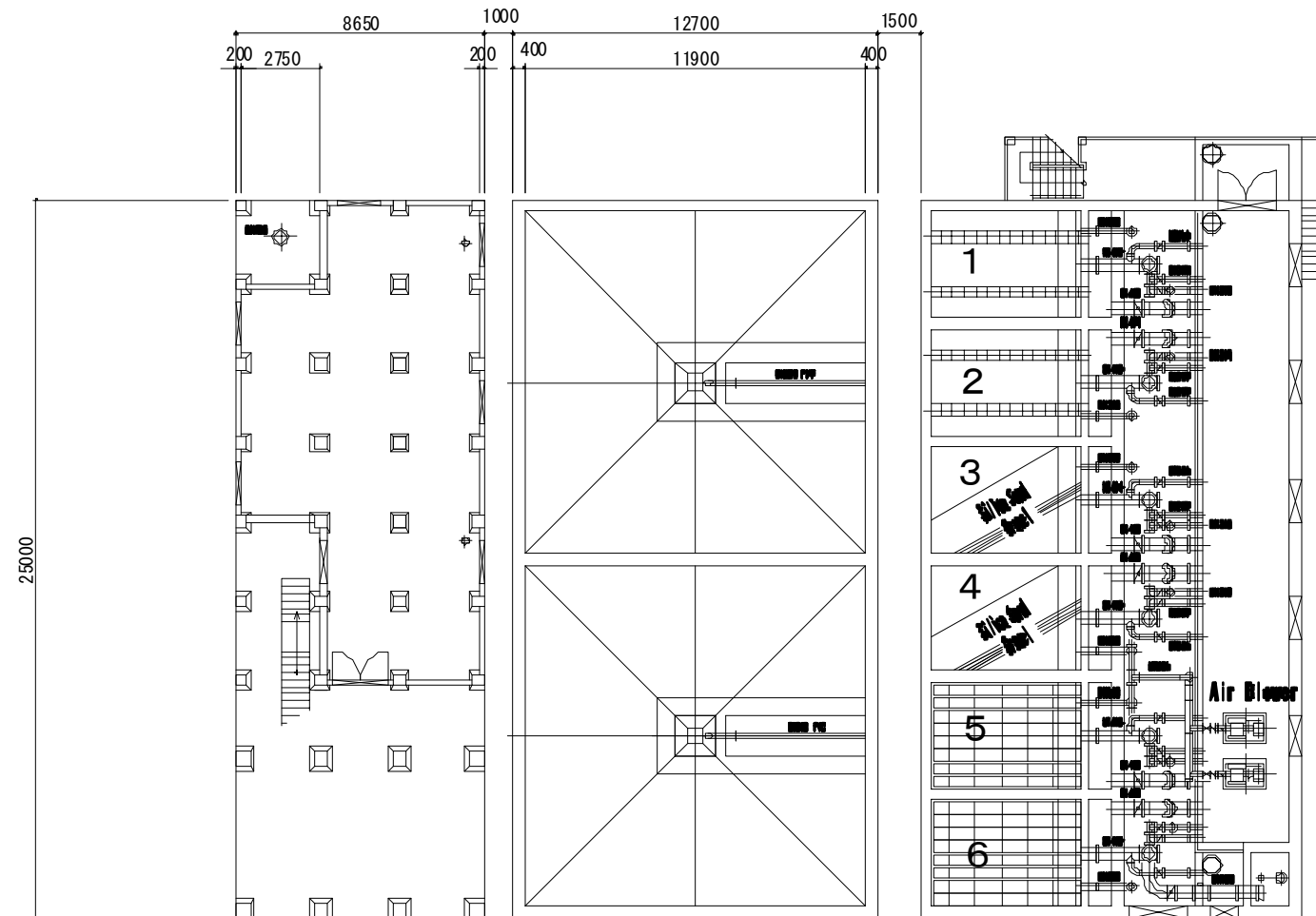
Japan International Cooperation Agency
(JICA)
Tokyo Engineering Consultants, Co., Ltd.

Facility:
Water Treatment Plant

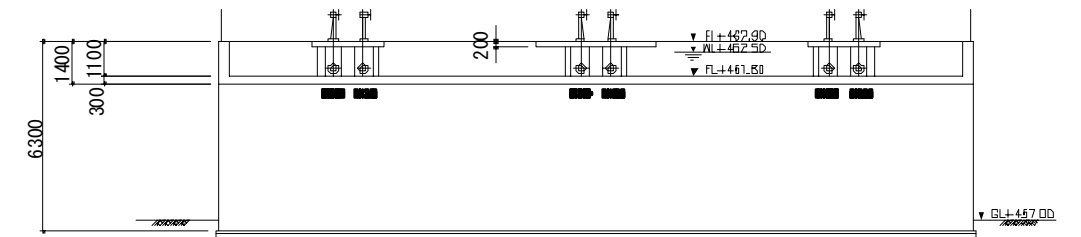
Title:
**Flocculation/ Sedimentation/
Filtration - 2**

Scale:
1/250
Original Paper Size:
A3

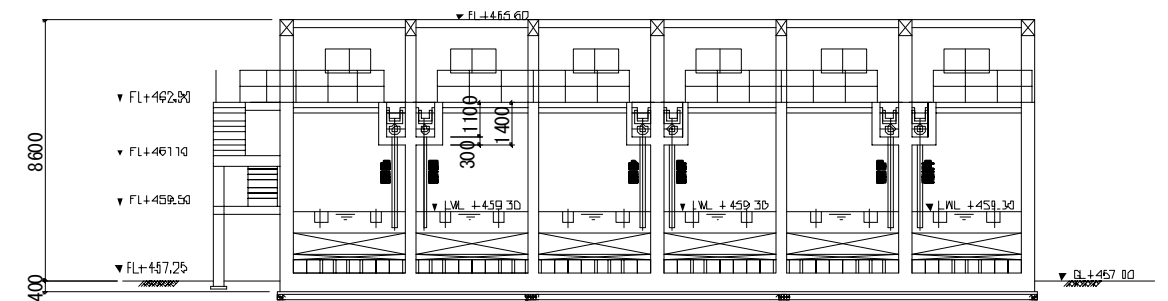
Drawing No. :
WTP-008
Date:
Mar. 2011
Revision:
Rev. 1.1



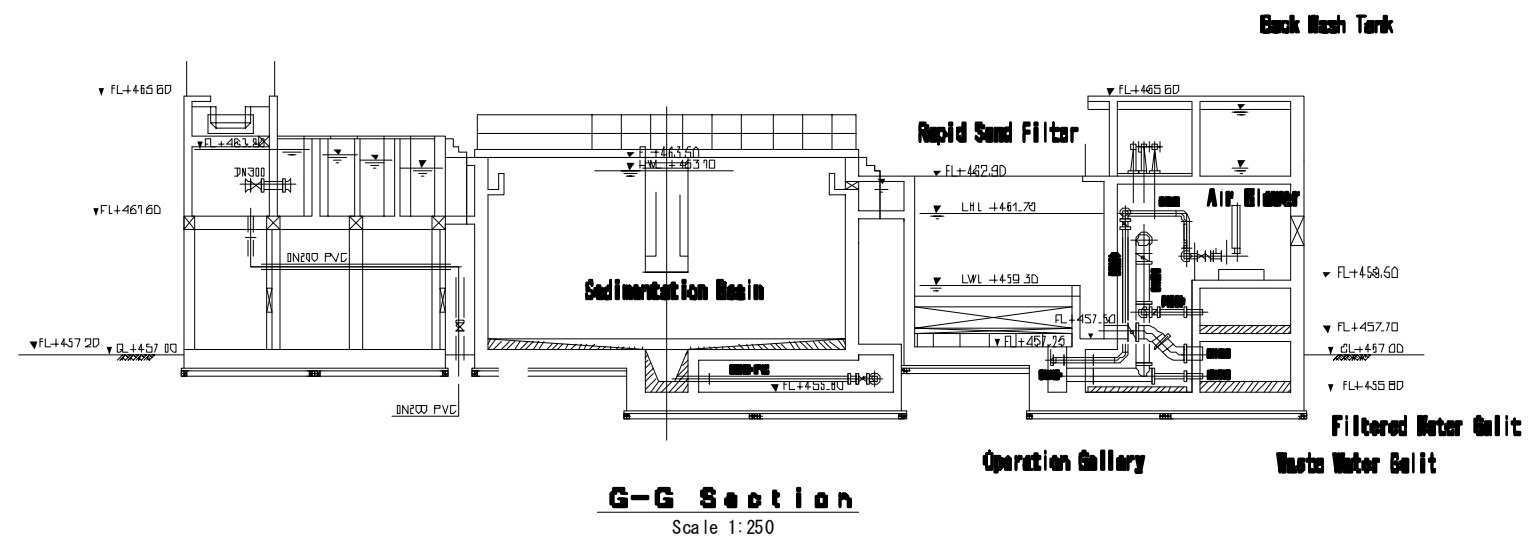
C-C Plan
Scale 1: 250



N-N Section
Scale 1: 250



O-O Section
Scale 1: 250



G-G Section
Scale 1: 250

The Project for the Improvement
of Water Supply System of Juba
in Southern Sudan

Ministry of Water Resources and Irrigation
Government of Southern Sudan
Southern Sudan Urban Water Corporation

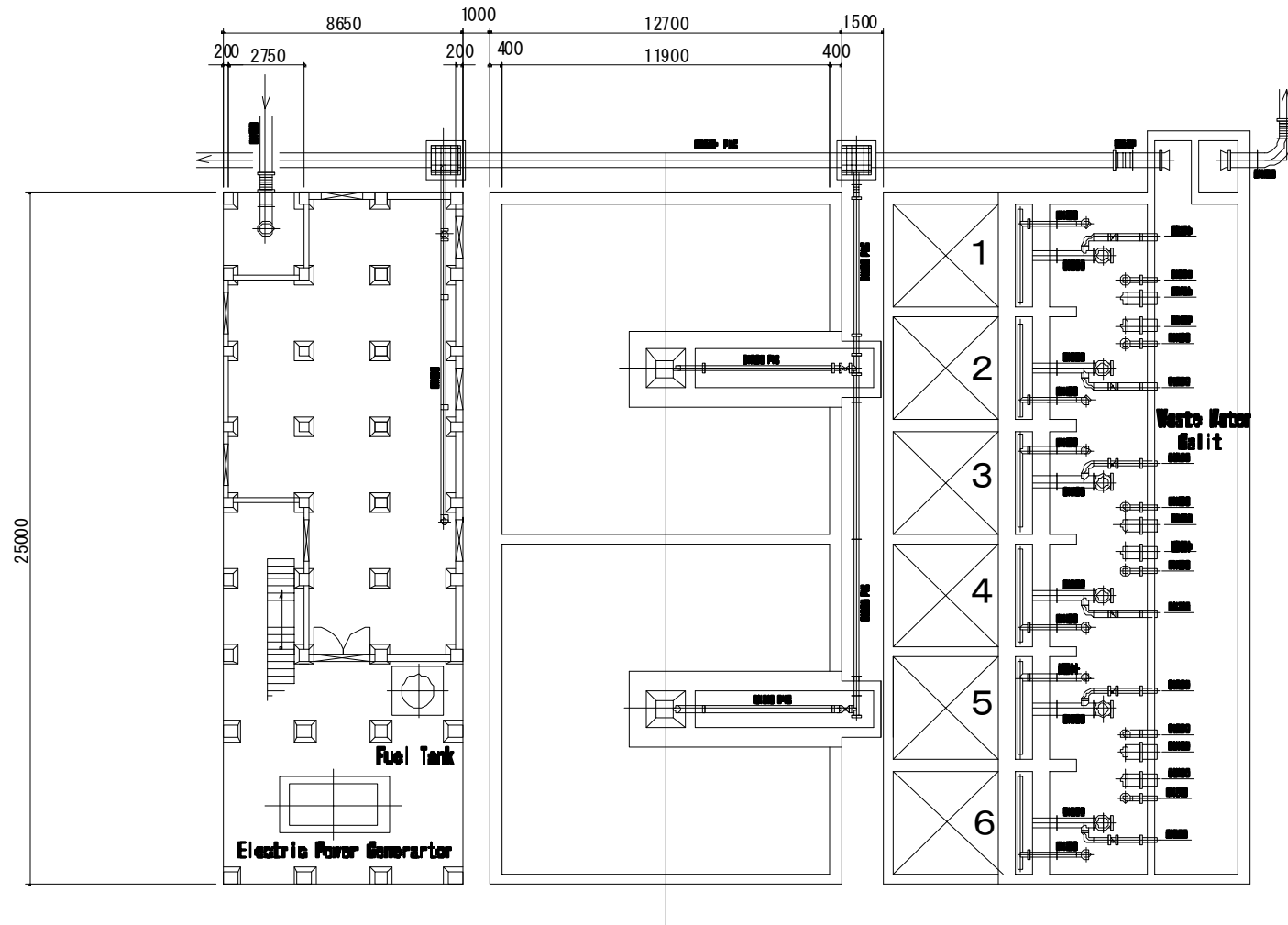
Japan International Cooperation Agency
(JICA)
Tokyo Engineering Consultants, Co., Ltd.

Facility:
Water Treatment Plant

Title:
**Flocculation/ Sedimentation/
Filtration - 3**

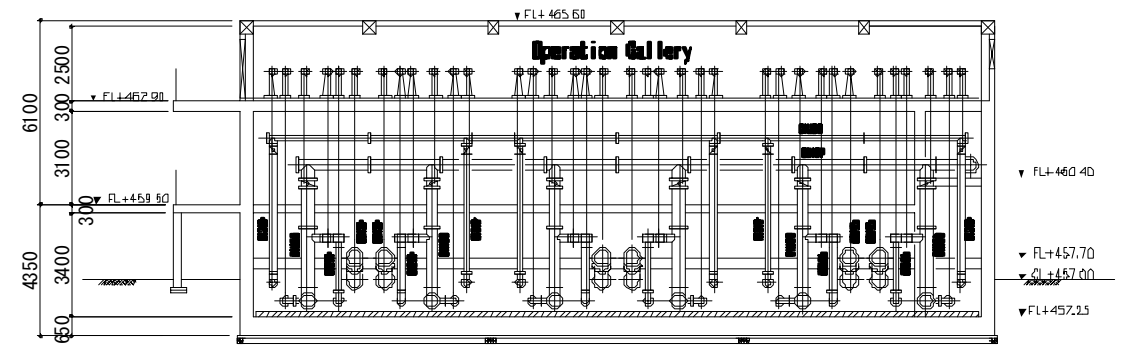
Scale:
1/250
Original Paper Size:
A3

Drawing No. :
WTP-009
Date:
Mar. 2011
Revision:
Rev. 1. 1



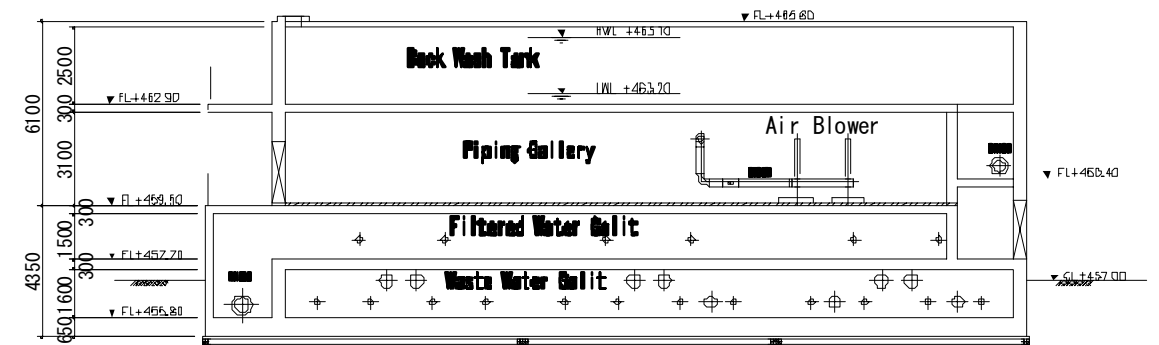
P-P Plan

Scale 1:250



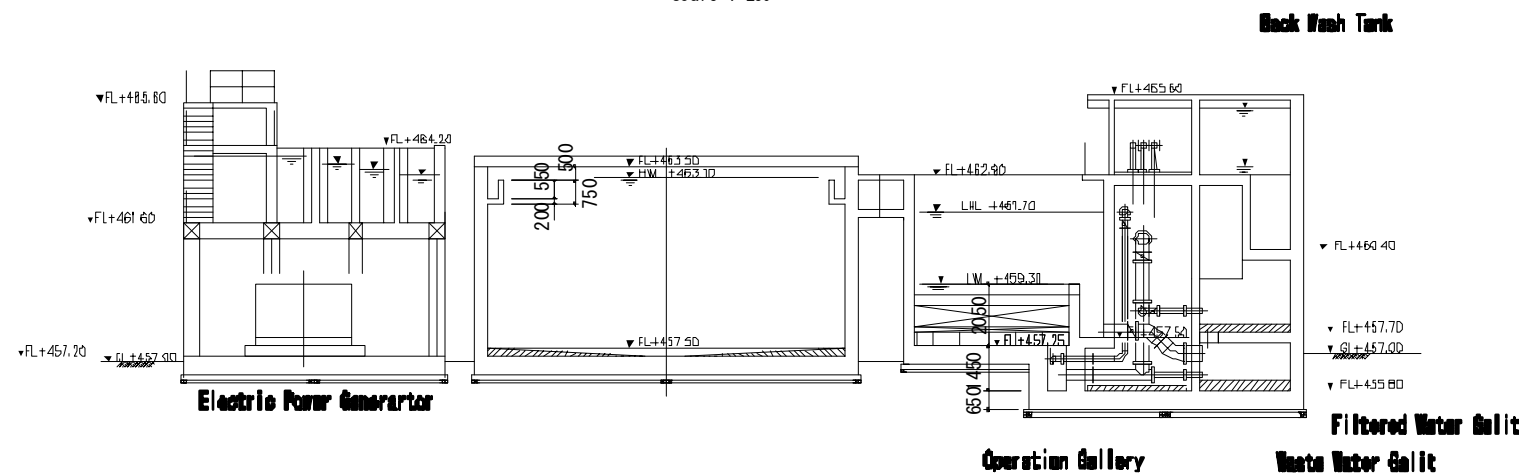
P-P Section

Scale 1:250



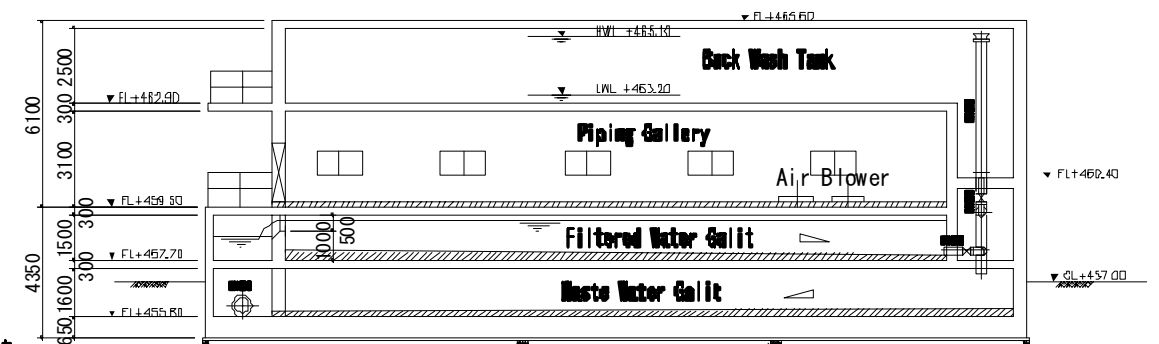
Q-Q Section

Scale 1:250



H-H Section

Scale 1:250



R-R Section

Scale 1:250

The Project for the Improvement
of Water Supply System of Juba
in Southern Sudan

Ministry of Water Resources and Irrigation
Government of Southern Sudan
Southern Sudan Urban Water Corporation

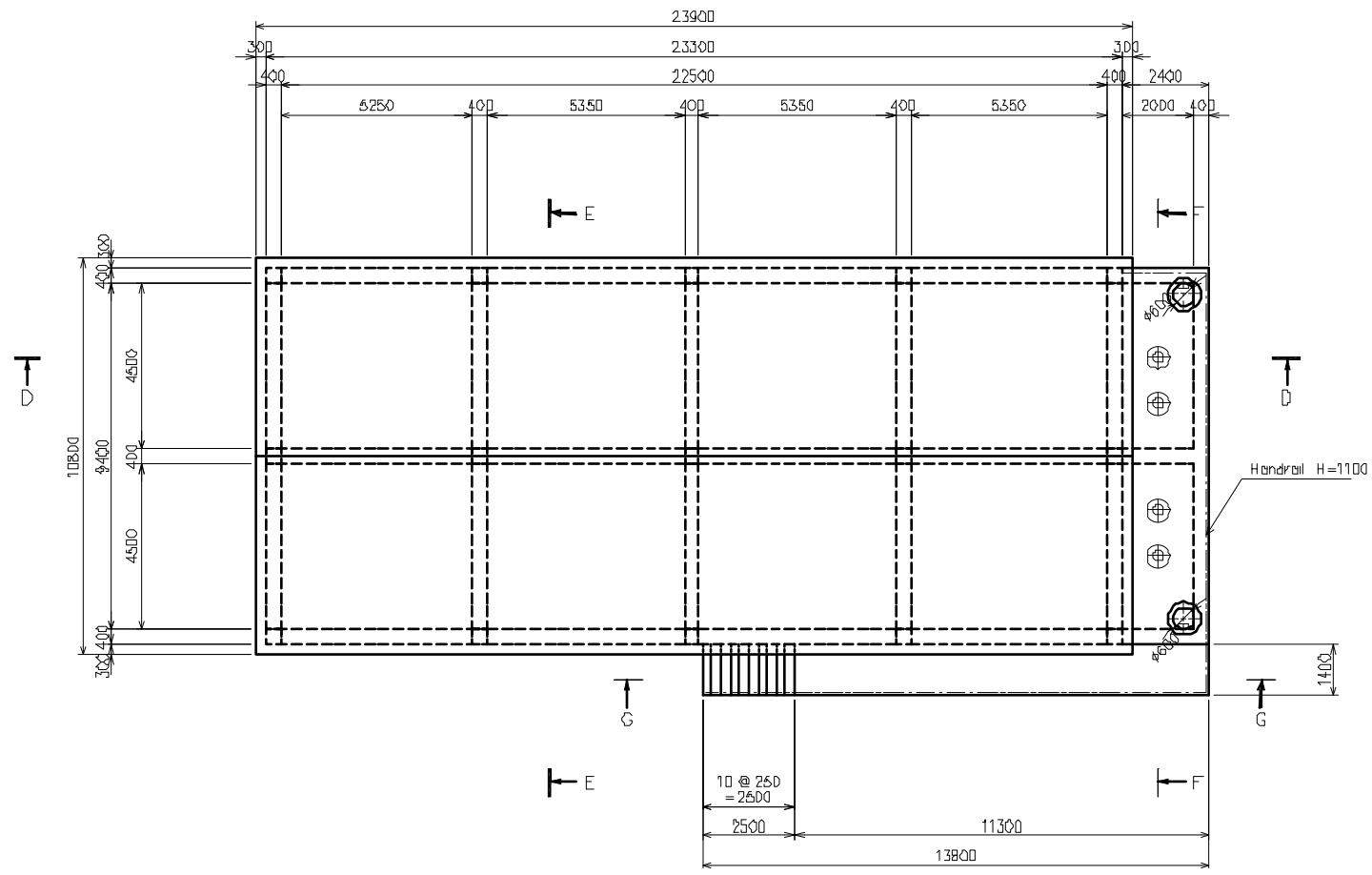
Japan International Cooperation Agency
(JICA)
Tokyo Engineering Consultants, Co., Ltd.

Facility:
Water Treatment Plant

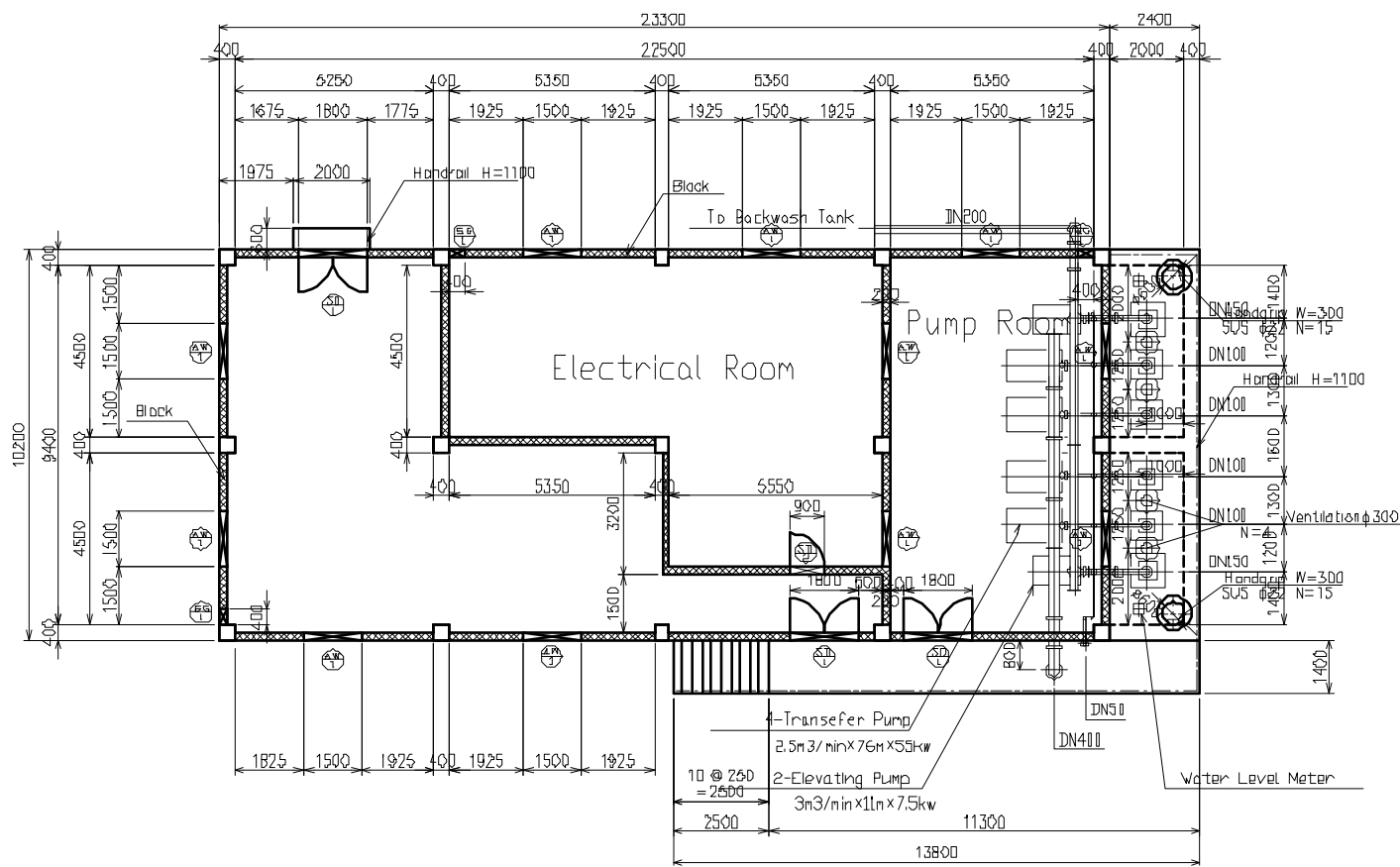
Title:
**Flocculation/ Sedimentation/
Filtration - 4**

Scale:
1/250
Original Paper Size:
A3

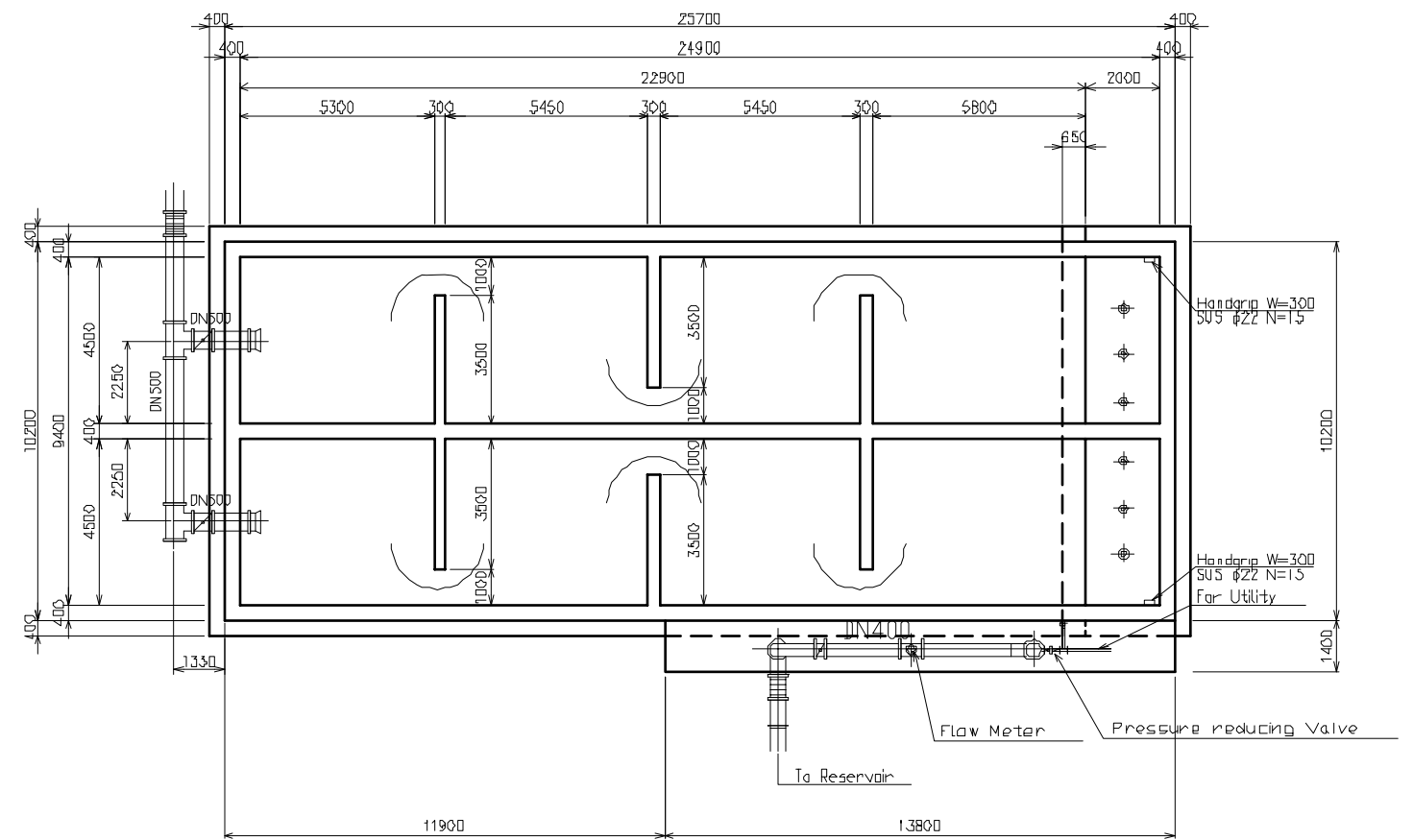
Drawing No. :
WTP-010
Date:
Mar. 2011
Revision:
Rev. 1.1



SECTION A-A



SECTION B-B



SECTION C-C

The Project for the Improvement
of Water Supply System of Juba
in Southern Sudan

Ministry of Water Resources and Irrigation
Government of Southern Sudan
Southern Sudan Urban Water Corporation

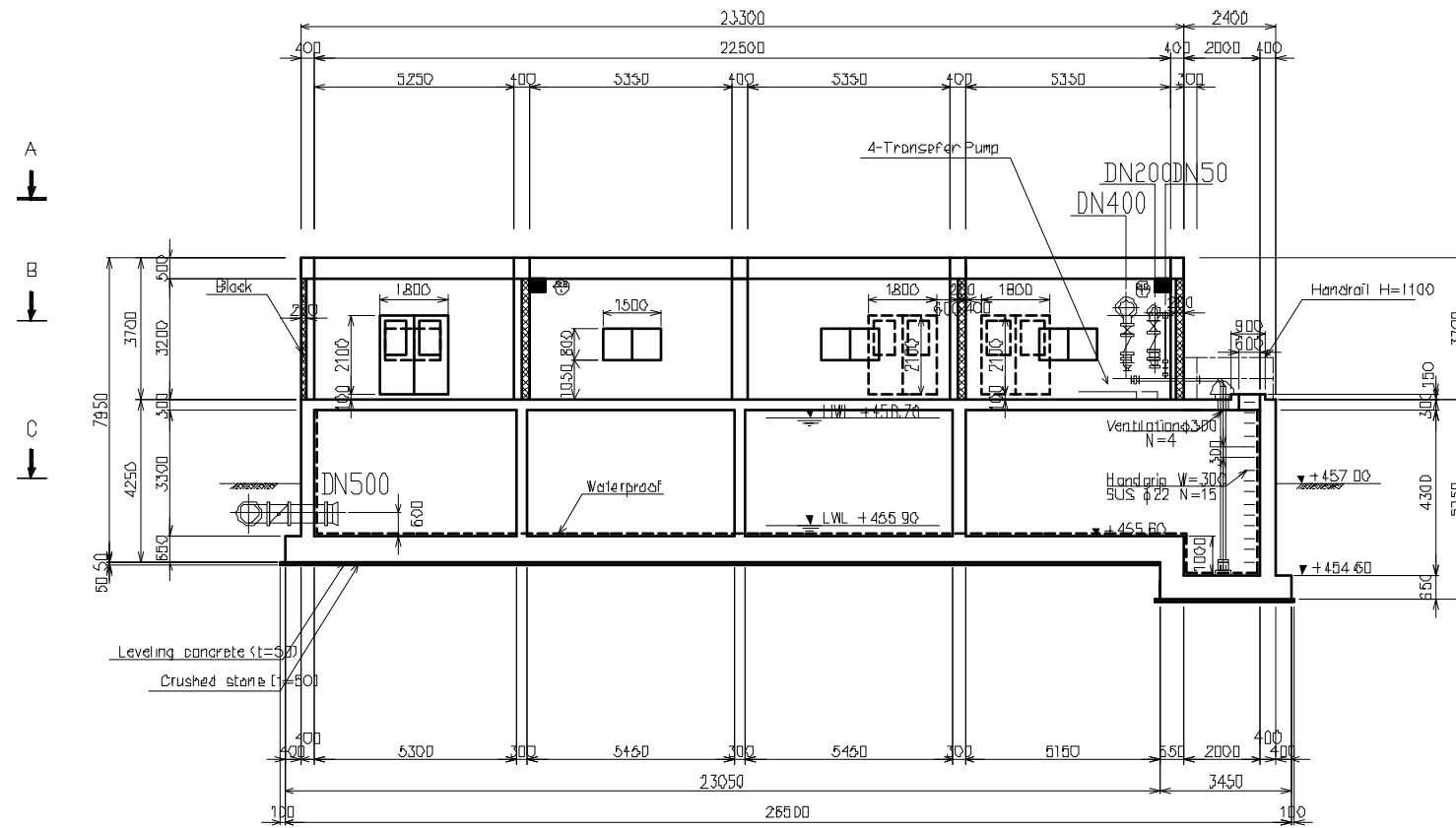
Japan International Cooperation Agency
(JICA)
Tokyo Engineering Consultants, Co., Ltd.

Facility:
Water Treatment Plant

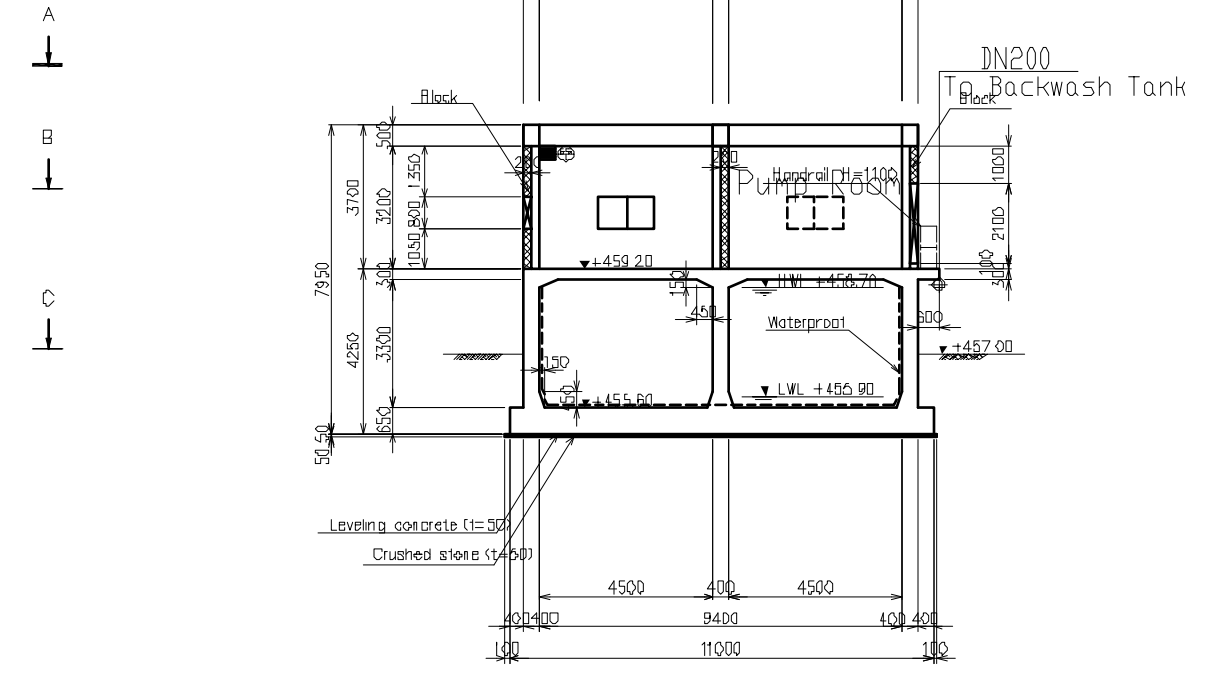
Title:
Clear Water Reservoir (1/2)

Scale:
1/200
Original Paper Size:
A3

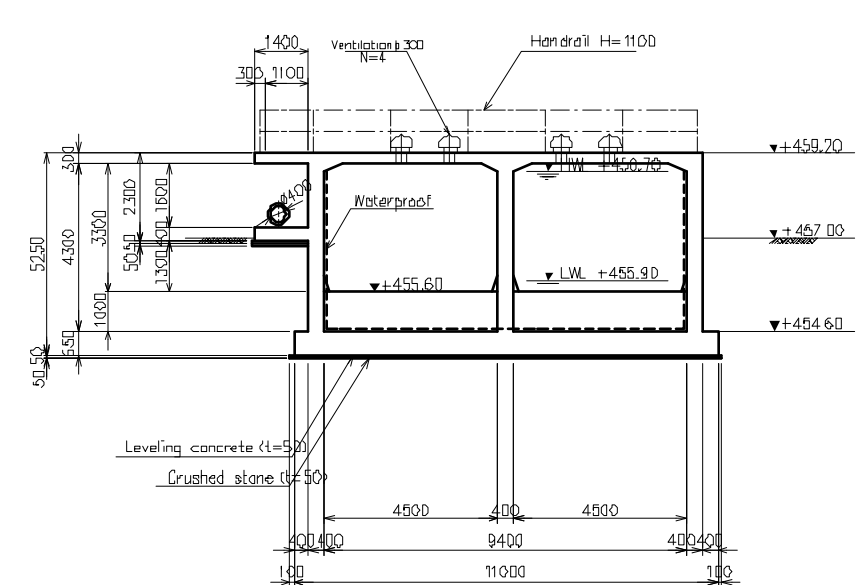
Drawing No.:
WTP-011
Date:
Mar. 2011
Revision:
Rev. 2.0



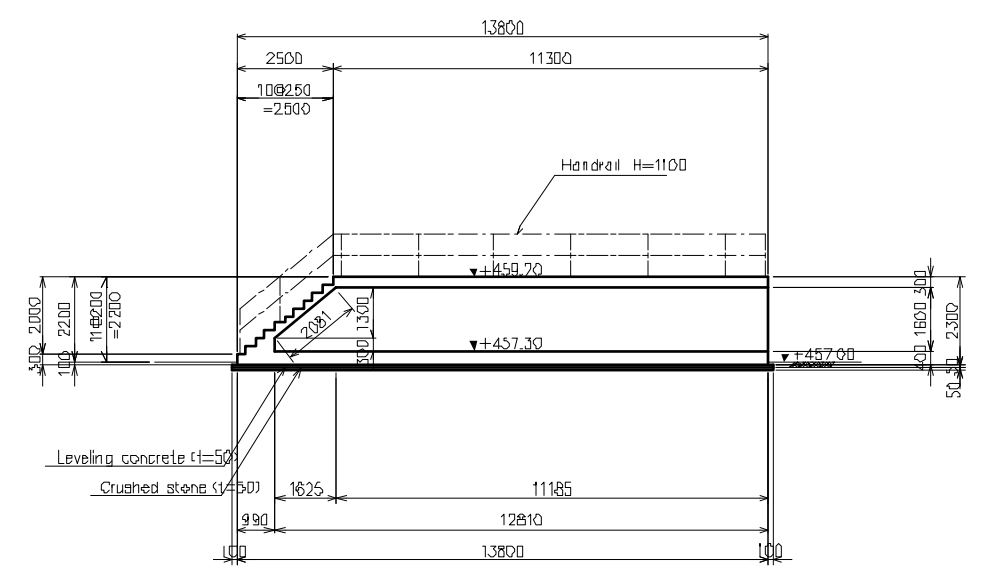
SECTION I-I



SECTION E-E



SECTION F-F



SECTION G-G

The Project for the Improvement
of Water Supply System of Juba
in Southern Sudan

Ministry of Water Resources and Irrigation
Government of Southern Sudan
Southern Sudan Urban Water Corporation

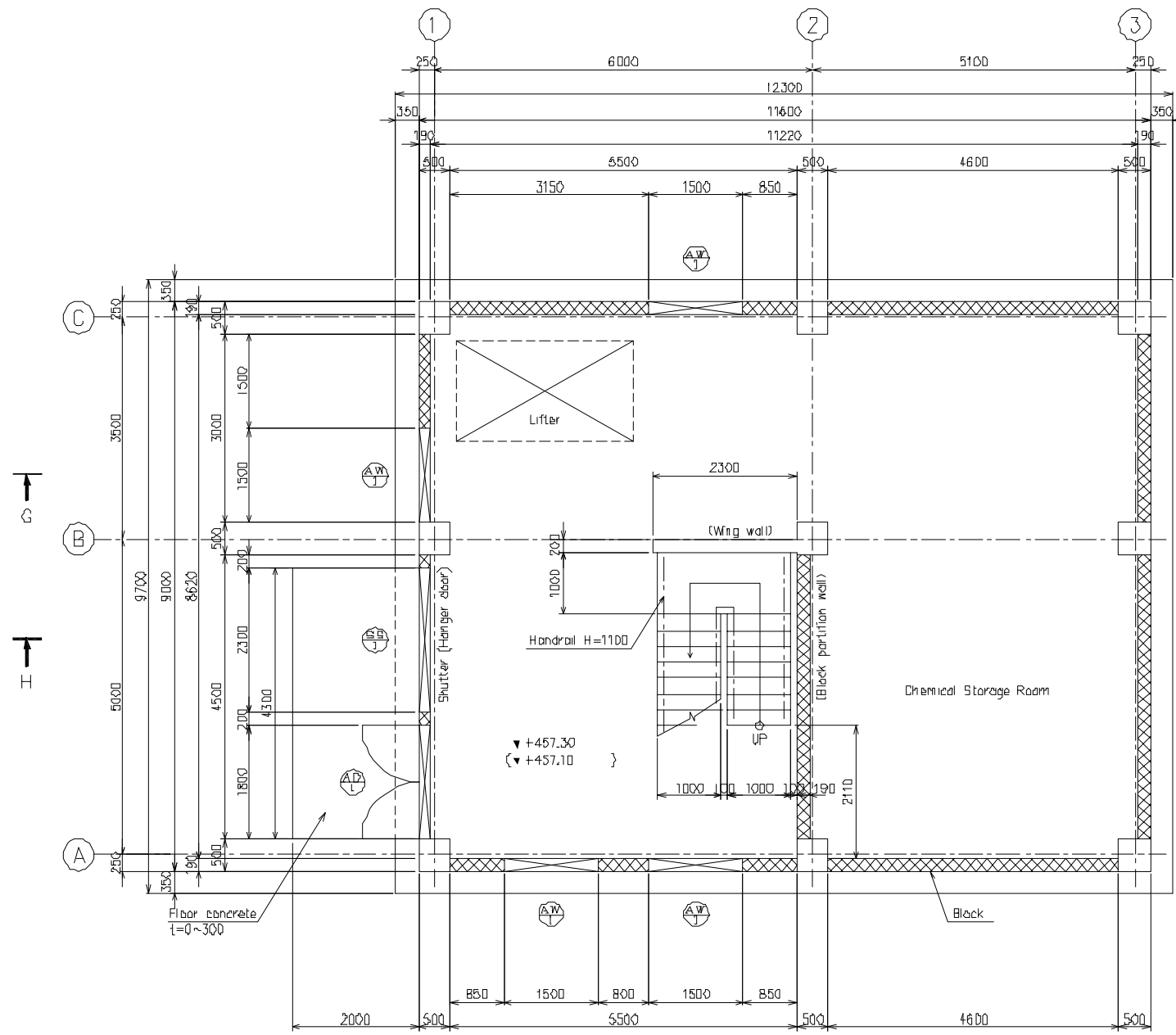
Japan International Cooperation Agency
(JICA)
Tokyo Engineering Consultants, Co., Ltd.

Facility:
Water Treatment Plant

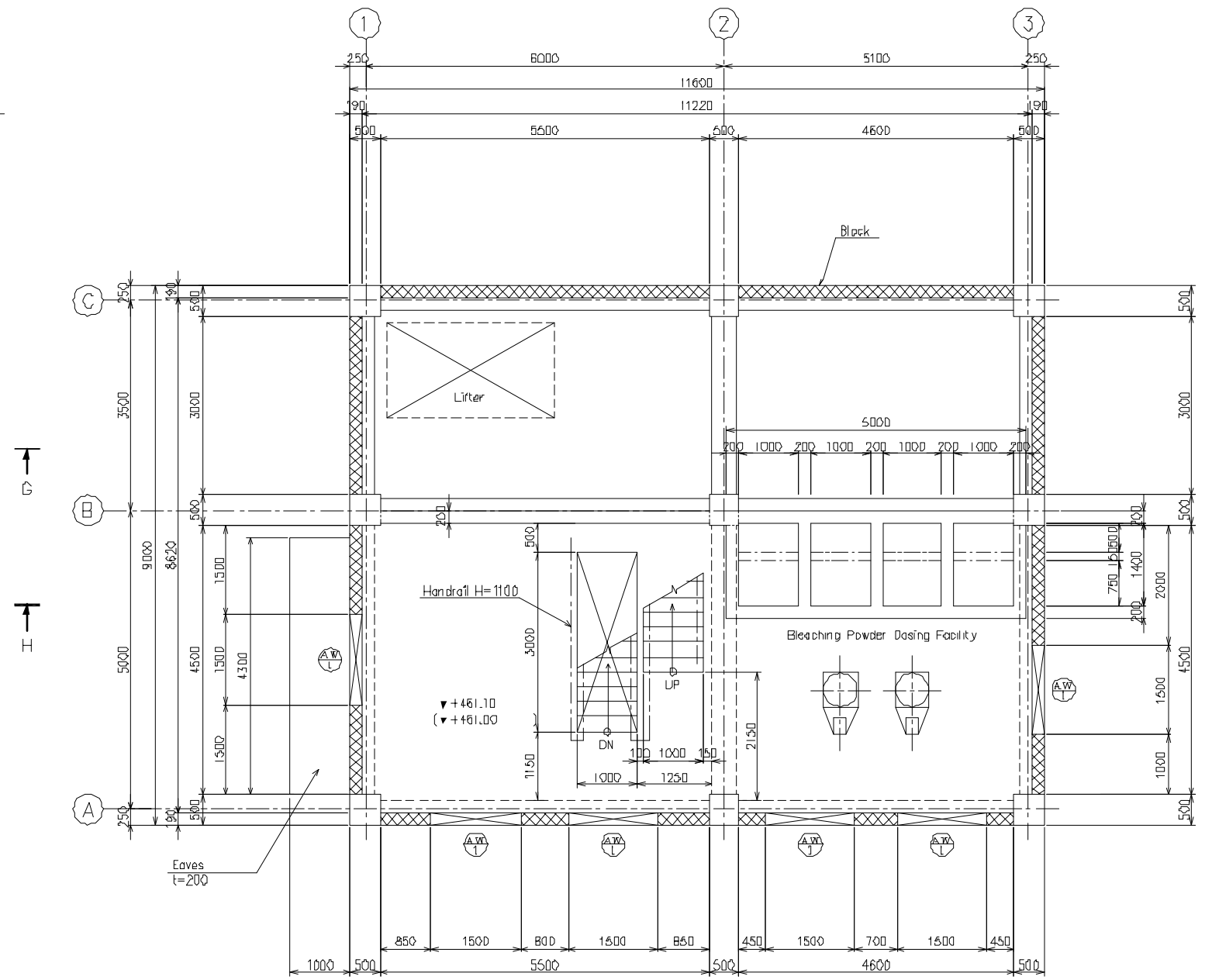
Title:
Clear Water Reservoir (2/2)

Scale:
1/200
Original Paper Size:
A3

Drawing No.:
WTP-012
Date:
Mar. 2011
Revision:
Rev. 2.0



SECTION A-A
(2F)



SECTION B-B
(2F)

The Project for the Improvement
of Water Supply System of Juba
in Southern Sudan

Ministry of Water Resources and Irrigation
Government of Southern Sudan
Southern Sudan Urban Water Corporation

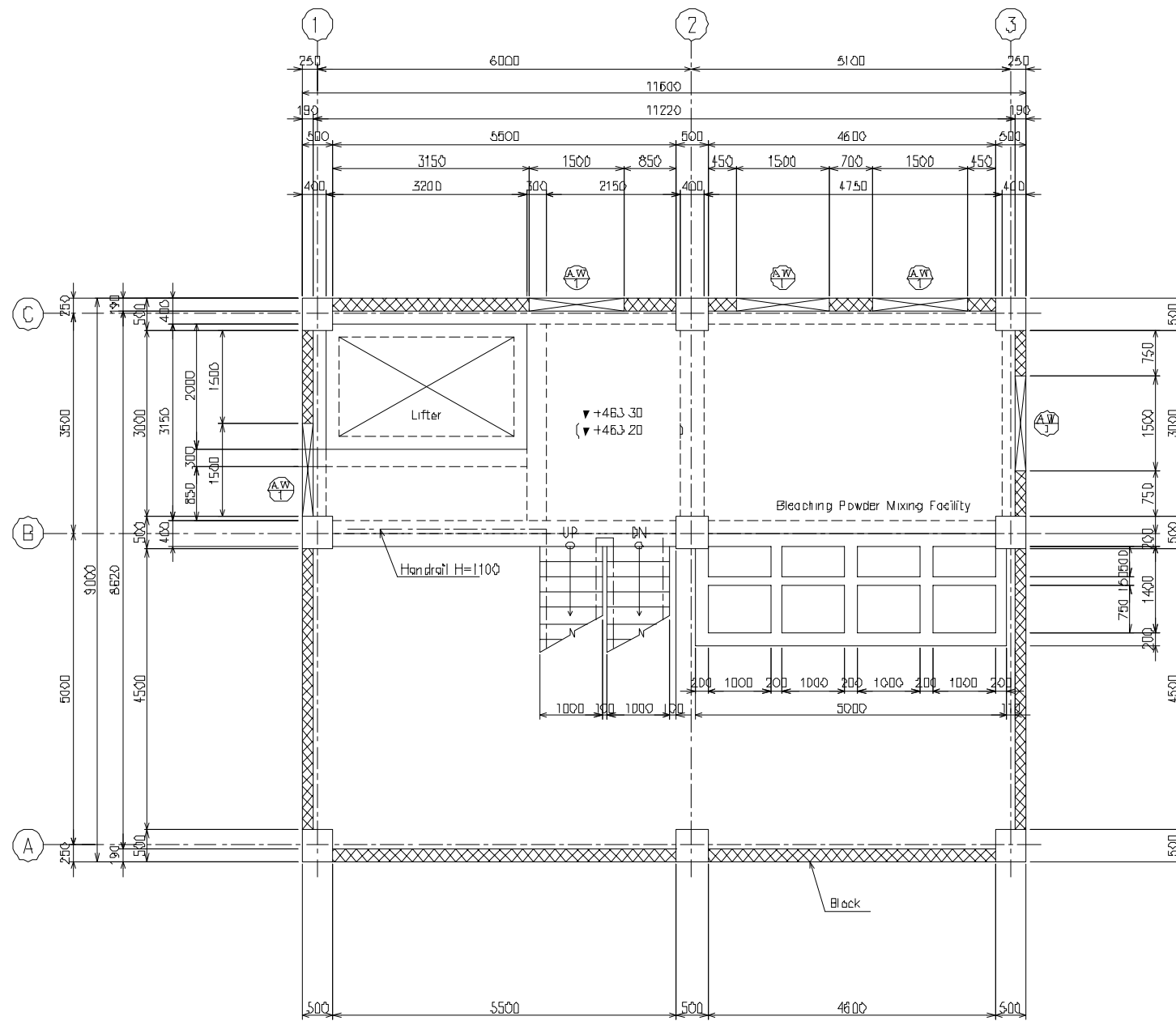
Japan International Cooperation Agency
(JICA)
Tokyo Engineering Consultants, Co., Ltd.

Facility:
Water Treatment Plant

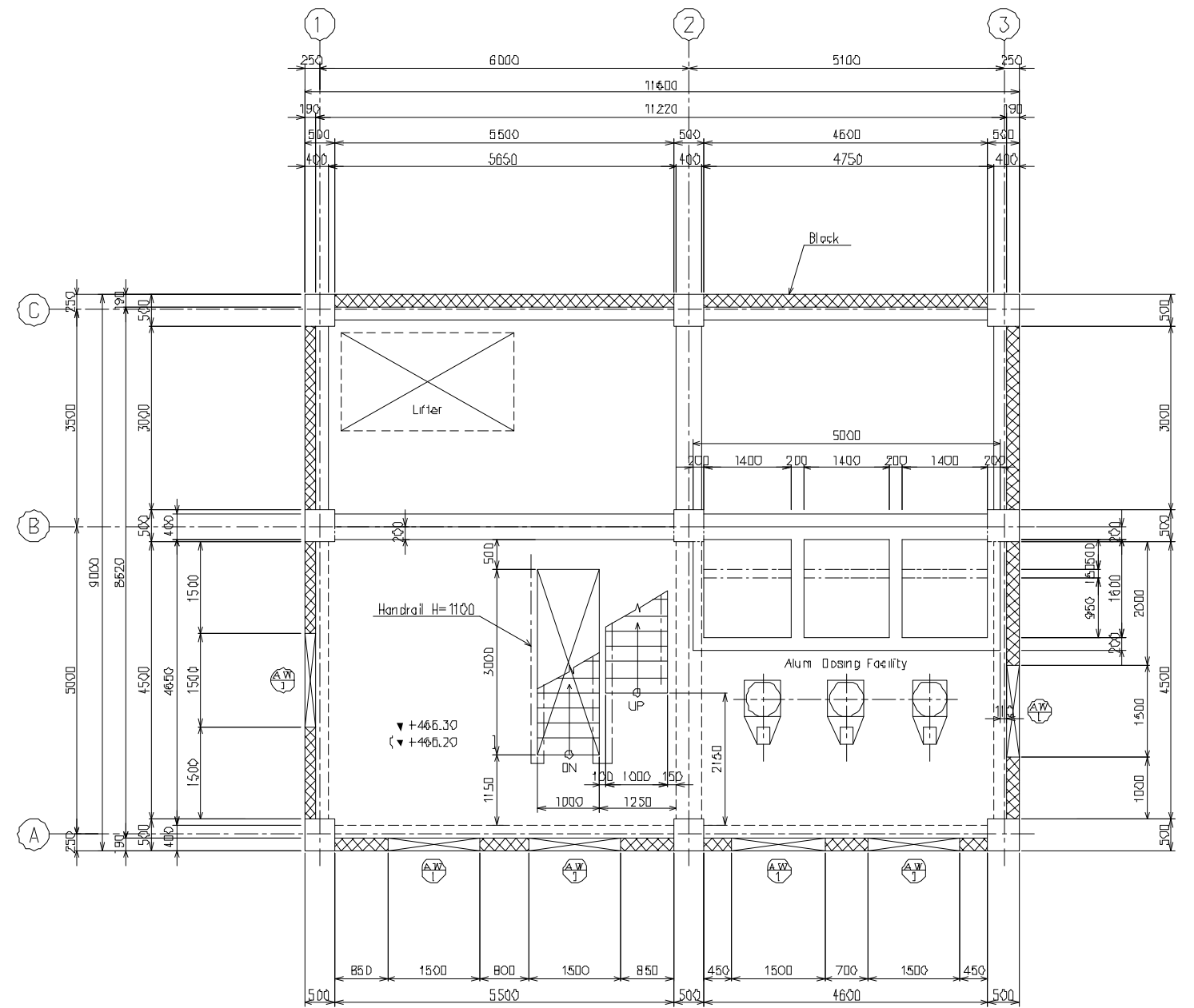
Title:
Chemical Building (1/4)

Scale:
1/100
Original Paper Size:
A3

Drawing No.:
WTP-013
Date:
Mar. 2011
Revision:
Rev. 1.0



SECTION C-C
(2 MF)



SECTION D-D
(3F)

The Project for the Improvement
of Water Supply System of Juba
in Southern Sudan

Ministry of Water Resources and Irrigation
Government of Southern Sudan
Southern Sudan Urban Water Corporation

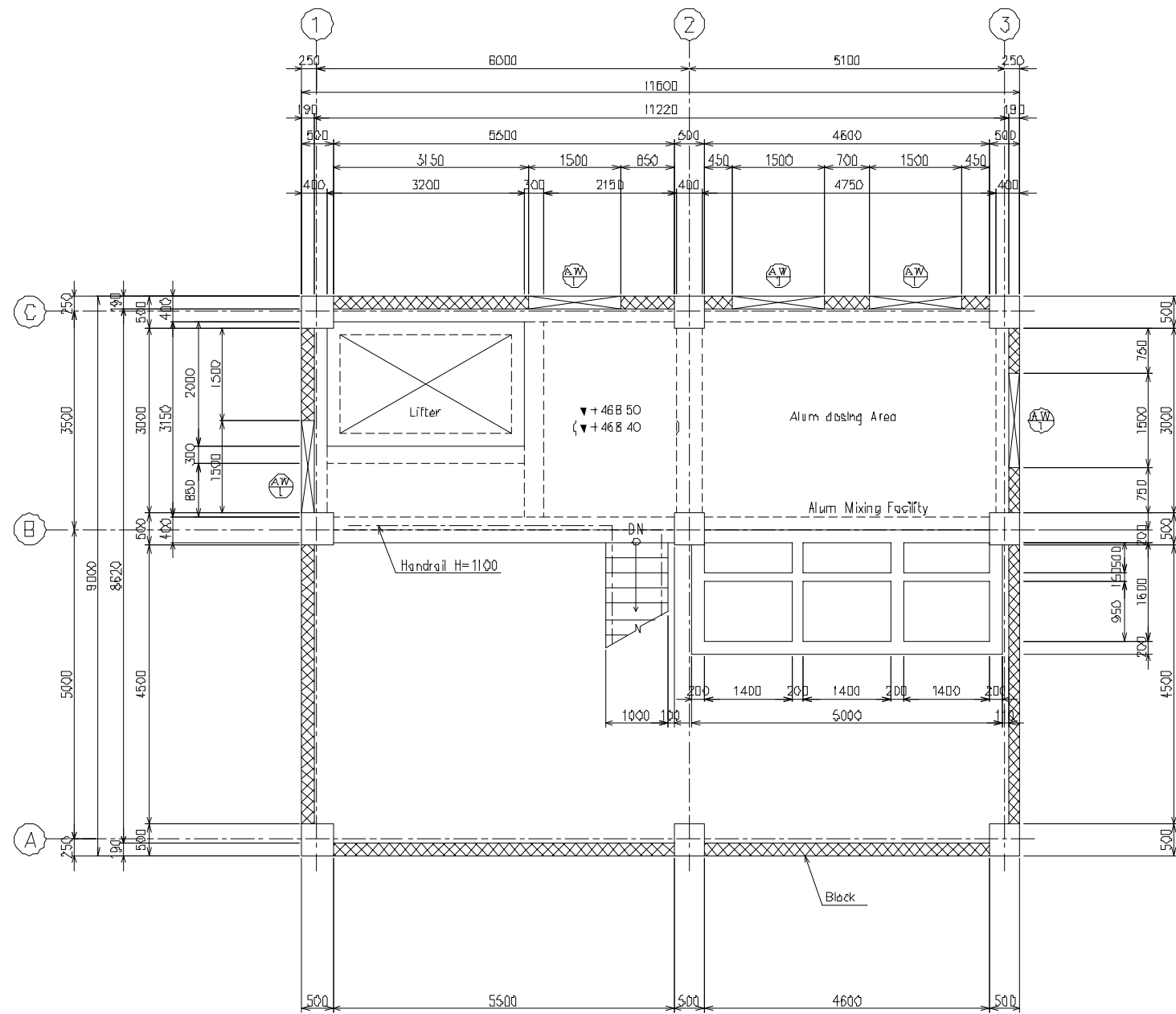
Japan International Cooperation Agency
(JICA)
Tokyo Engineering Consultants, Co., Ltd.

Facility:
Water Treatment Plant

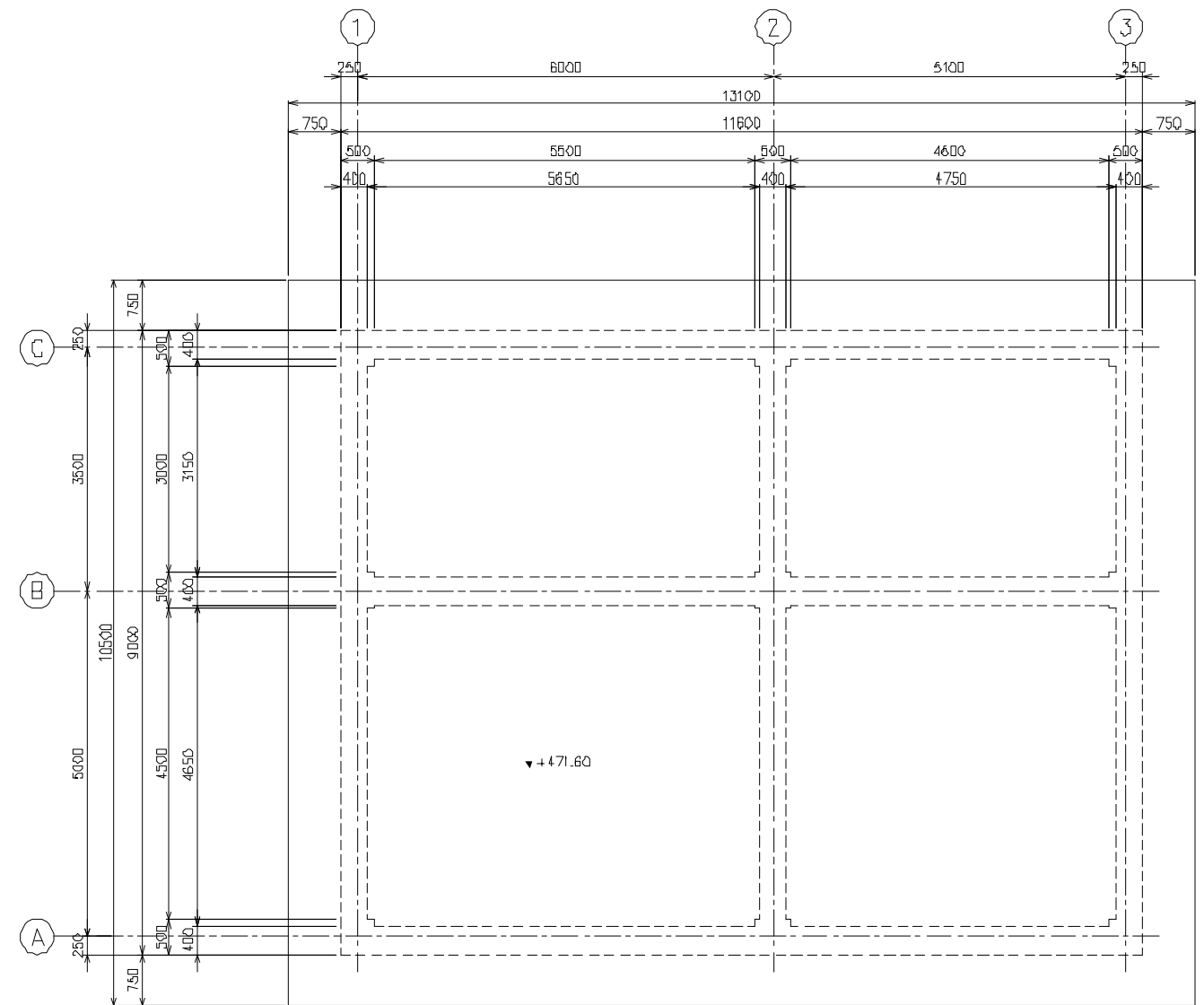
Title:
Chemical Building (2/4)

Scale:
1/100
Original Paper Size:
A3

Drawing No.:
WTP-014
Date:
Mar. 2011
Revision:
Rev. 2.0



SECTION E-E
(3 NF)



SECTION F-F
(RF)

The Project for the Improvement
of Water Supply System of Juba
in Southern Sudan

Ministry of Water Resources and Irrigation
Government of Southern Sudan
Southern Sudan Urban Water Corporation

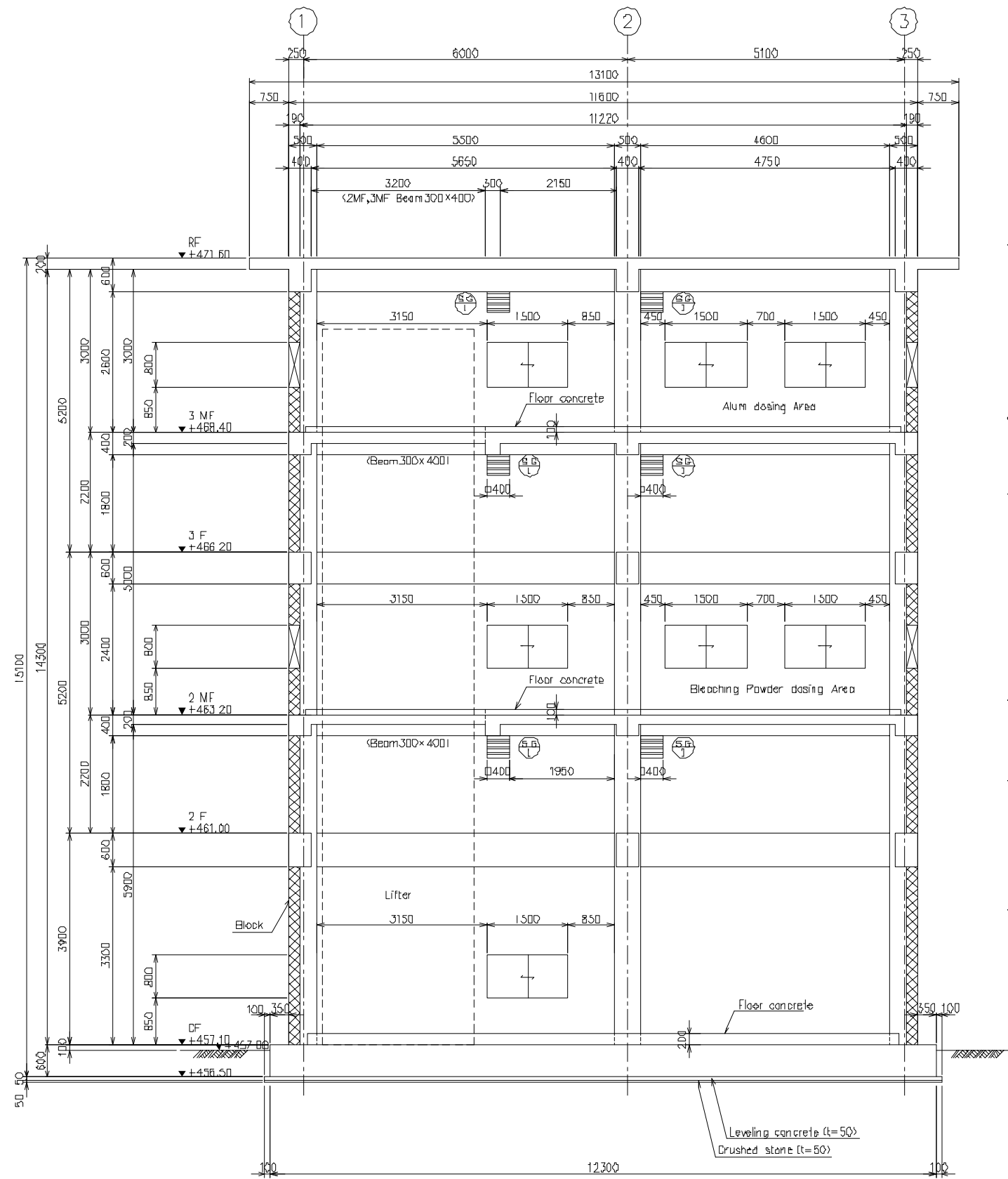
Japan International Cooperation Agency
(JICA)
Tokyo Engineering Consultants, Co., Ltd.

Facility:
Water Treatment Plant

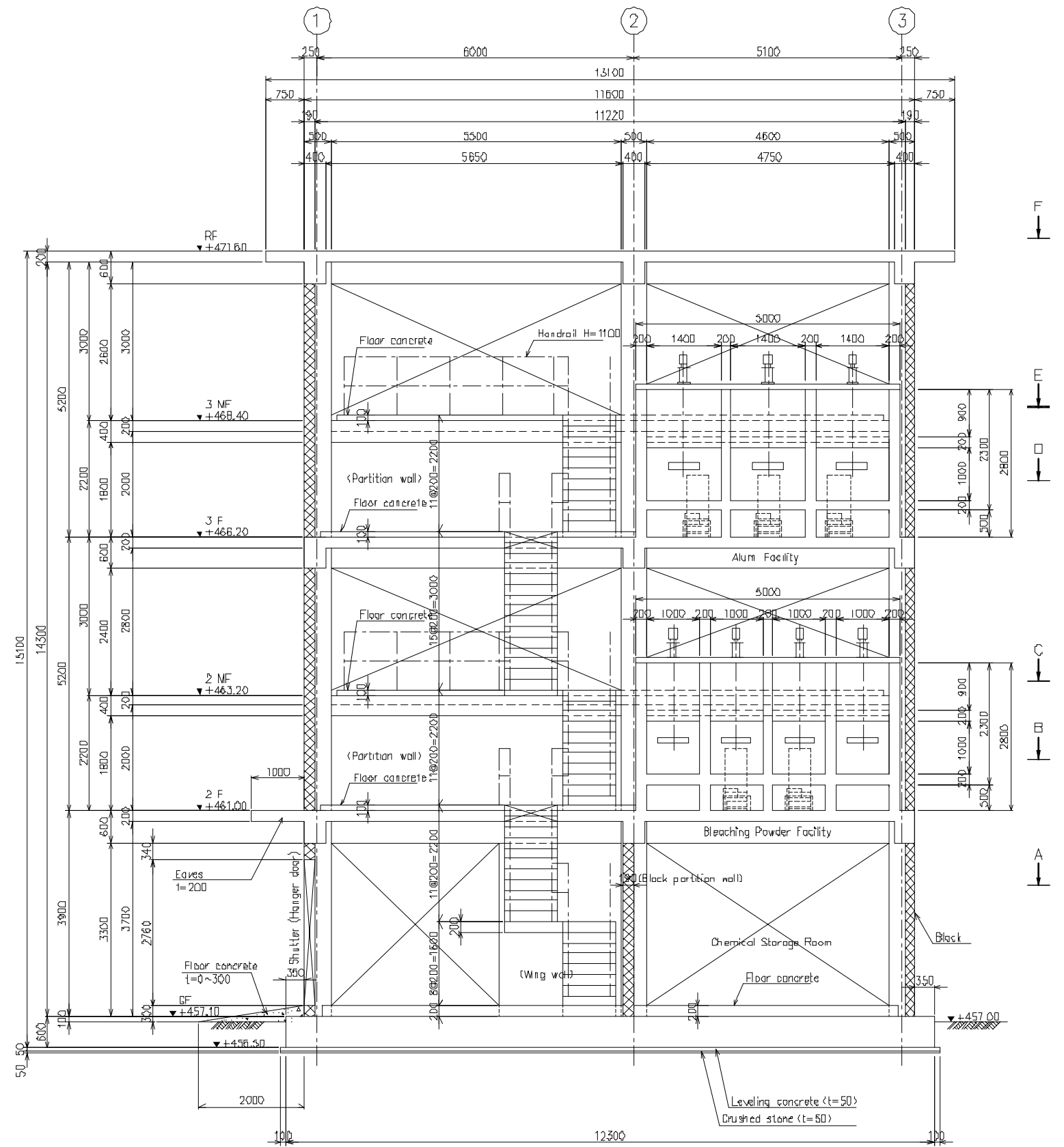
Title:
Chemical Building (3/4)

Scale:
1/100
Original Paper Size:
A3

Drawing No.:
WTP-015
Date:
Mar. 2011
Revision:
Rev. 2.0



SECTION G-G



SECTION H-H

The Project for the Improvement
of Water Supply System of Juba
in Southern Sudan

Ministry of Water Resources and Irrigation
Government of Southern Sudan
Southern Sudan Urban Water Corporation

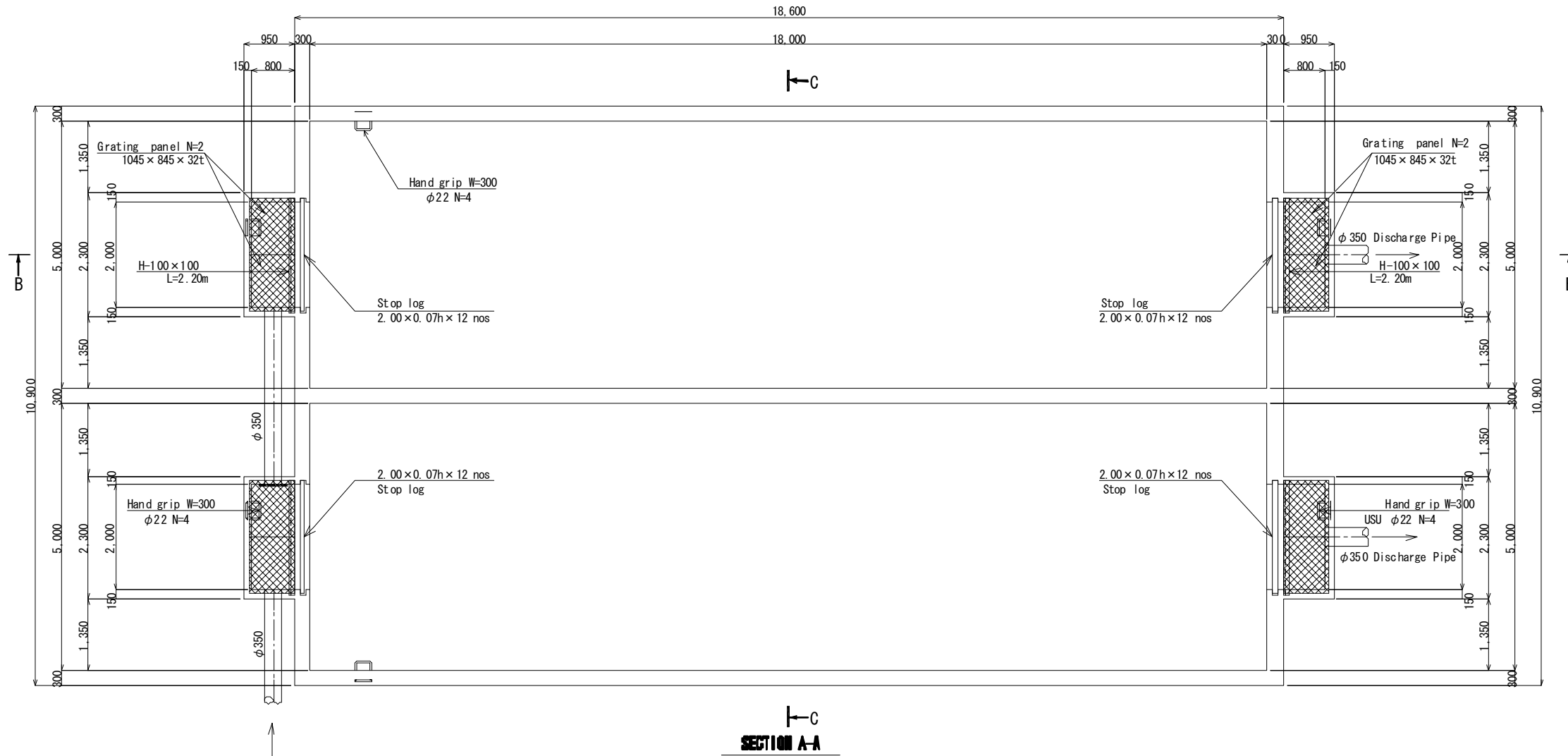
Japan International Cooperation Agency
(JICA)
Tokyo Engineering Consultants, Co., Ltd.

Facility:
Water Treatment Plant

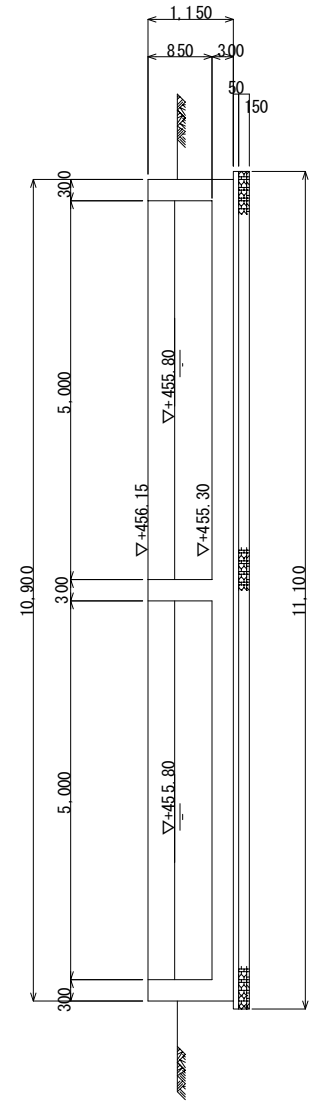
Title:
Chemical Building (4/4)

Scale:
1/100
Original Paper Size:
A3

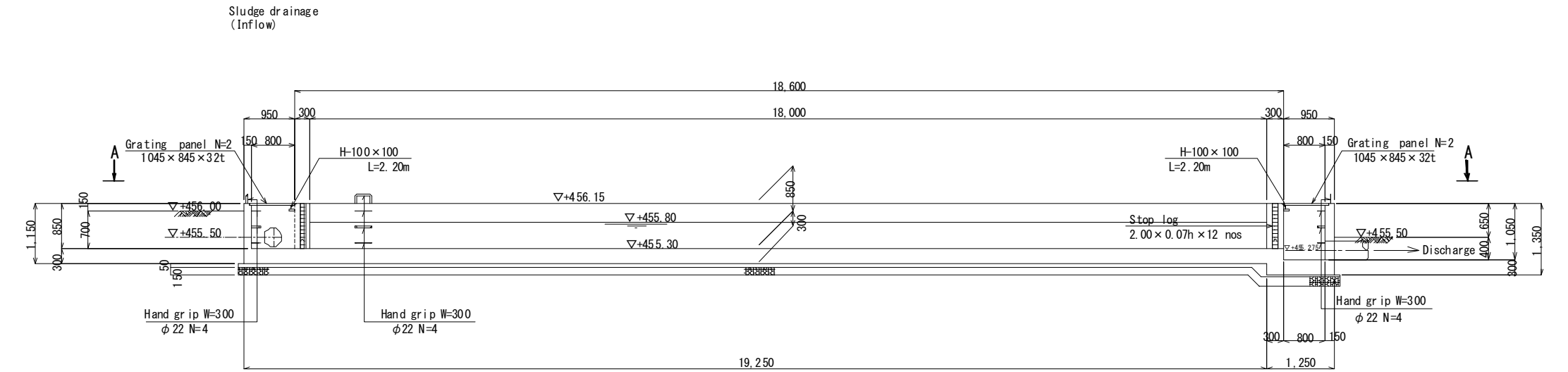
Drawing No.:
WTP-016
Date:
Mar. 2011
Revision:
Rev. 2.0



SECTION A-A



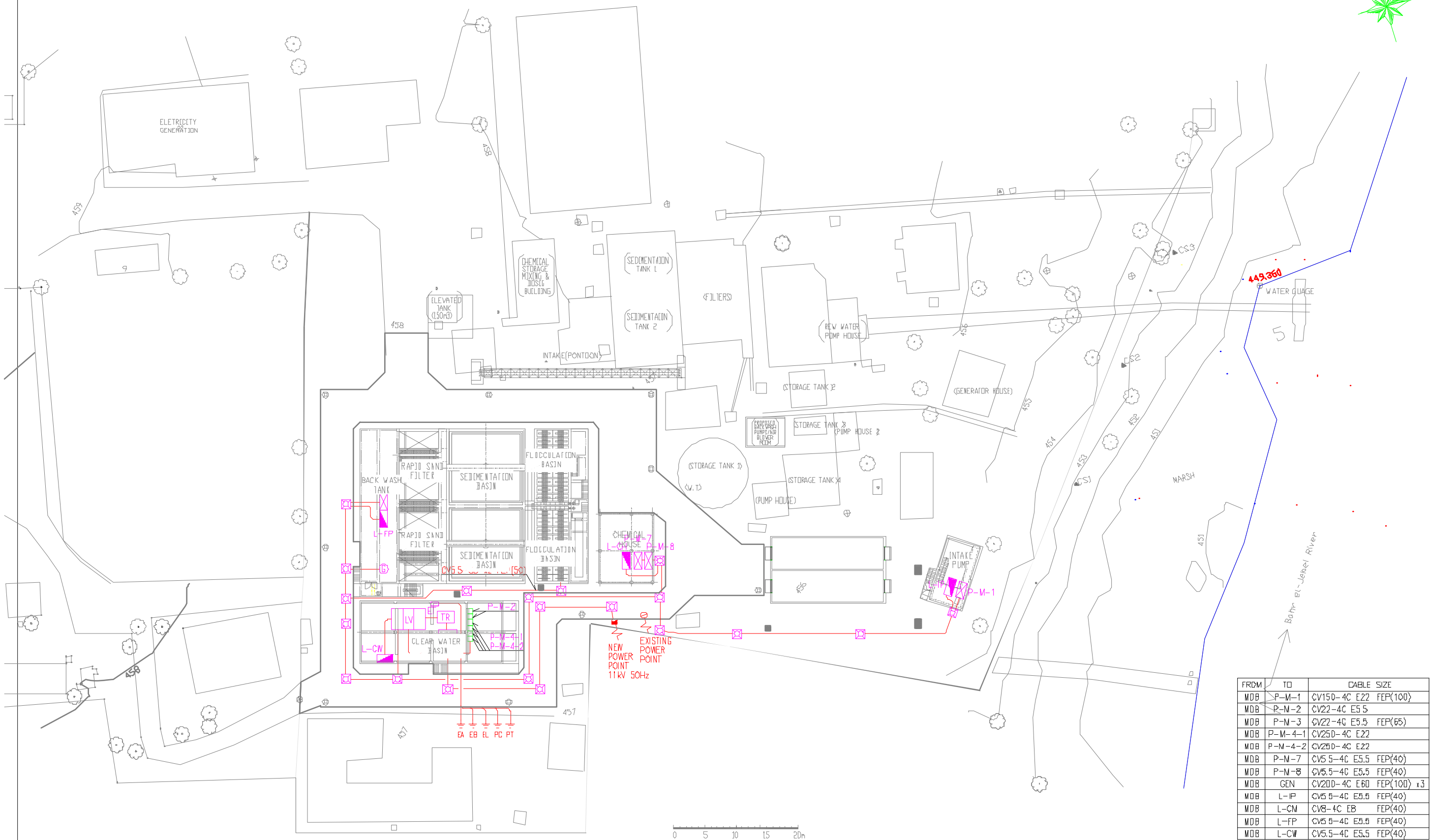
SECTION C-C



SECTION B-B

The Project for the Improvement of Water Supply System of Juba in Southern Sudan	Ministry of Water Resources and Irrigation Government of Southern Sudan	Japan International Cooperation Agency (JICA)	Water Treatment Plant	Sludge Basin	Scale: 1/100	Drawing No.: WTP-017
	Southern Sudan Urban Water Corporation	Tokyo Engineering Consultants, Co., Ltd.			Original Paper Size: A3	Date: Nov. 2010

Electrical System Layout



FROM	TO	CABLE SIZE
MDB	P-M-1	CV150-4C E22 FEP(100)
MDB	P-M-2	CV22-4C E5.5
MDB	P-M-3	CV22-4C E5.5 FEP(65)
MDB	P-M-4-1	CV250-4C E22
MDB	P-M-4-2	CV250-4C E22
MDB	P-M-7	CV5.5-4C E5.5 FEP(40)
MDB	P-M-8	CV5.5-4C E5.5 FEP(40)
MDB	GEN	CV200-4C E60 FEP(100) x3
MDB	L-FP	CV5.5-4C E5.5 FEP(40)
MDB	L-CN	CV8-4C E8 FEP(40)
MDB	L-FP	CV5.5-4C E5.5 FEP(40)
MDB	L-CW	CV5.5-4C E5.5 FEP(40)

The Project for the Improvement of Water Supply System of Juba In Southern Sudan

**Ministry of Water Resources and Irrigation
Government of Southern Sudan
Southern Sudan Urban Water Corporation**

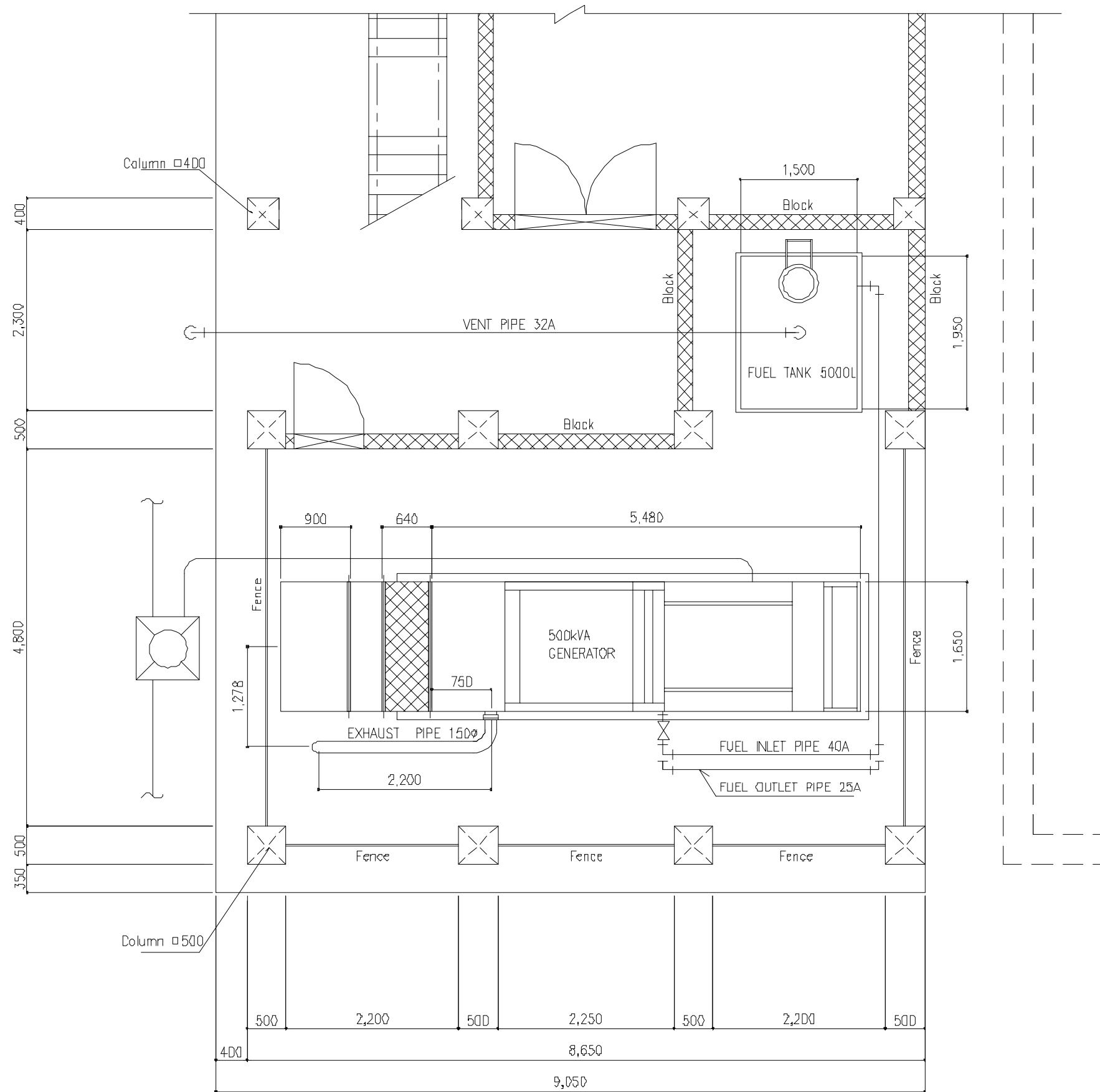
**Japan International Cooperation Agency (JICA)
Tokyo Engineering Consultants, Co., Ltd.**

**Facility:
Water Treatment Plant**

**Title:
Site Electrical System**

**Scale:
1/800
Original Paper Size
A3**

**Drawing No. WTP-018
Date: Mar. 2011
Revision: Rev. 1.0**



The Project for the Improvement
of Water Supply System of Juba
in Southern Sudan

Ministry of Water Resources and Irrigation
Government of Southern Sudan
Southern Sudan Urban Water Corporation

Japan International Cooperation Agency
(JICA)
Tokyo Engineering Consultants, Co., Ltd.

Facility

Water Treatment Plant

Title

Generator Plan

Scale:

1/60

Original Paper Size:
A3

Drawing No.:

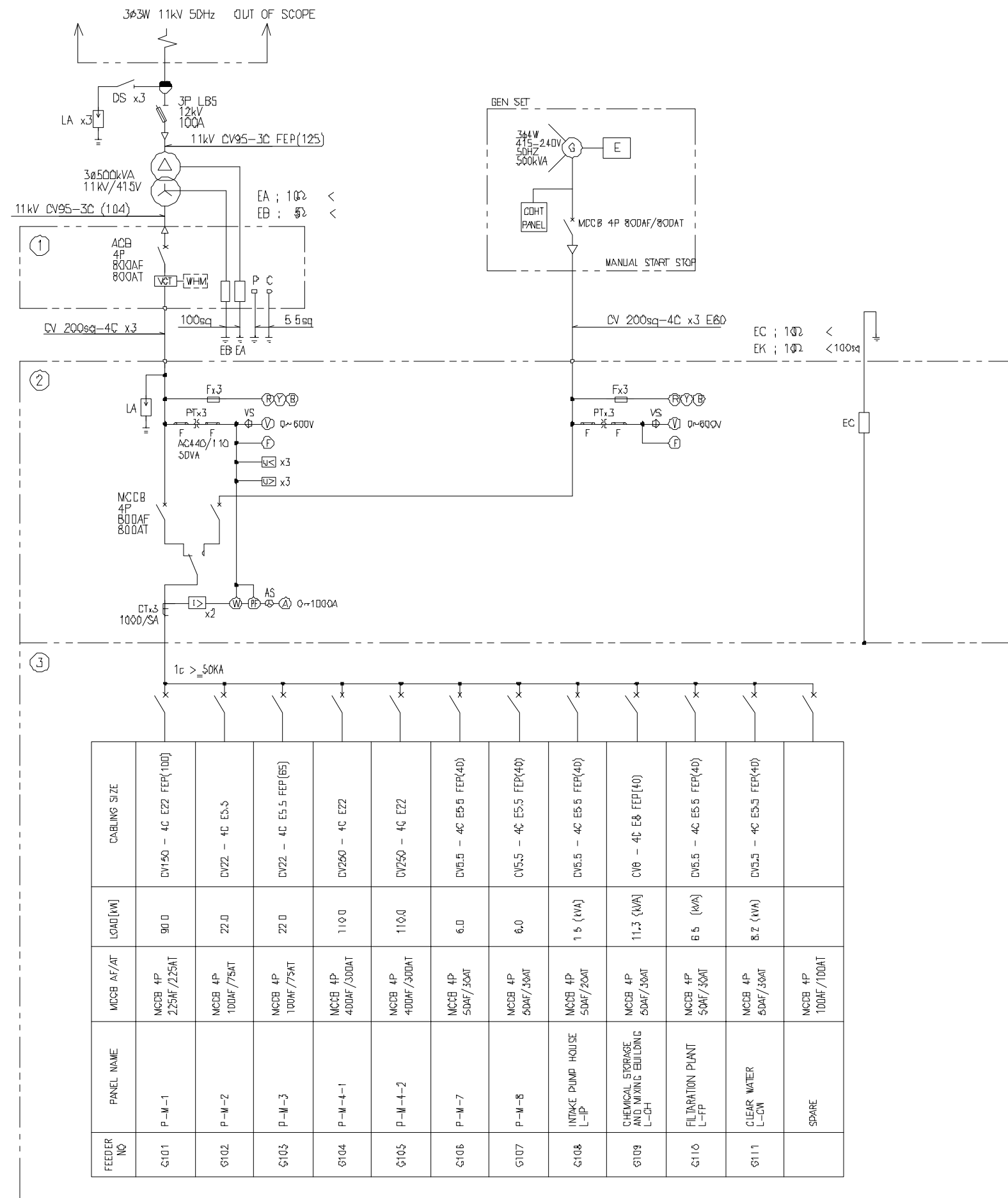
WTP-019

Date:

Mar. 2011

Revision:

Rev. 1.0

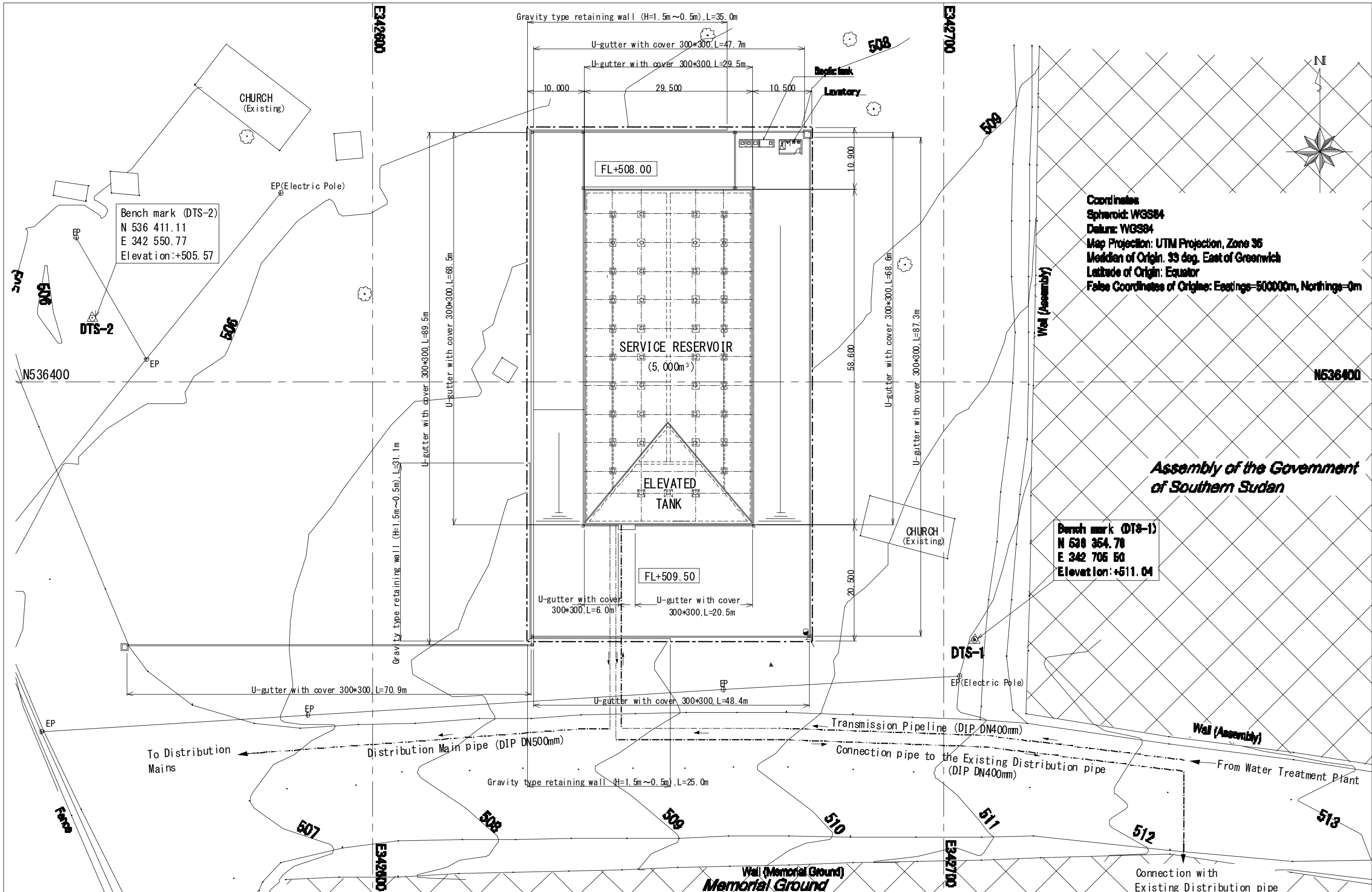


LEGEND

SYMBOL	NAME	F	FUSE
CT	CURRENT TRANSFORMER		OVER CURRENT GROUNDING RELAY
PT	POTENTIAL TRANSFORMER		2E RELAY
SC	STATIC CAPACITOR		AMMETER
MC	ELECTROMAGNETIC CONTACTOR		VOLT METER
MCCB	MOLDED CASE CIRCUIT BREAKER		WHITE LAMP
M	MOTOR		TIMER
ZCT	ZERO PHASE CURRENT TRANSFORMER		AMMETER SWITCH
LA	LIGHTING ARRESTER		VOLTMETER SWITCH

LEGEND

NO.	NAME
①	WH METER PANEL
②	INCOMING PANEL
③	LV FEEDER PANEL



Coordinates
 Spheroid: WGS84
 Datum: WGS84
 Map Projection: UTM Projection, Zone 36
 Meridian of Origin: 39 deg. East of Greenwich
 Latitude of Origin: Equator
 False Coordinates of Origin: Eastings=500000m, Northings=0m

*Assembly of the Government
 of Southern Sudan*

Bench mark (DTS-1)
 N 536 354.78
 E 342 705.50
 Elevation: +511.04

Bench mark (DTS-2)
 N 536 411.11
 E 342 550.77
 Elevation: +505.57

The Project for the Improvement
 of Water Supply System of Juba
 in Southern Sudan

Ministry of Water Resources and Irrigation
 Government of Southern Sudan
 Southern Sudan Urban Water Corporation

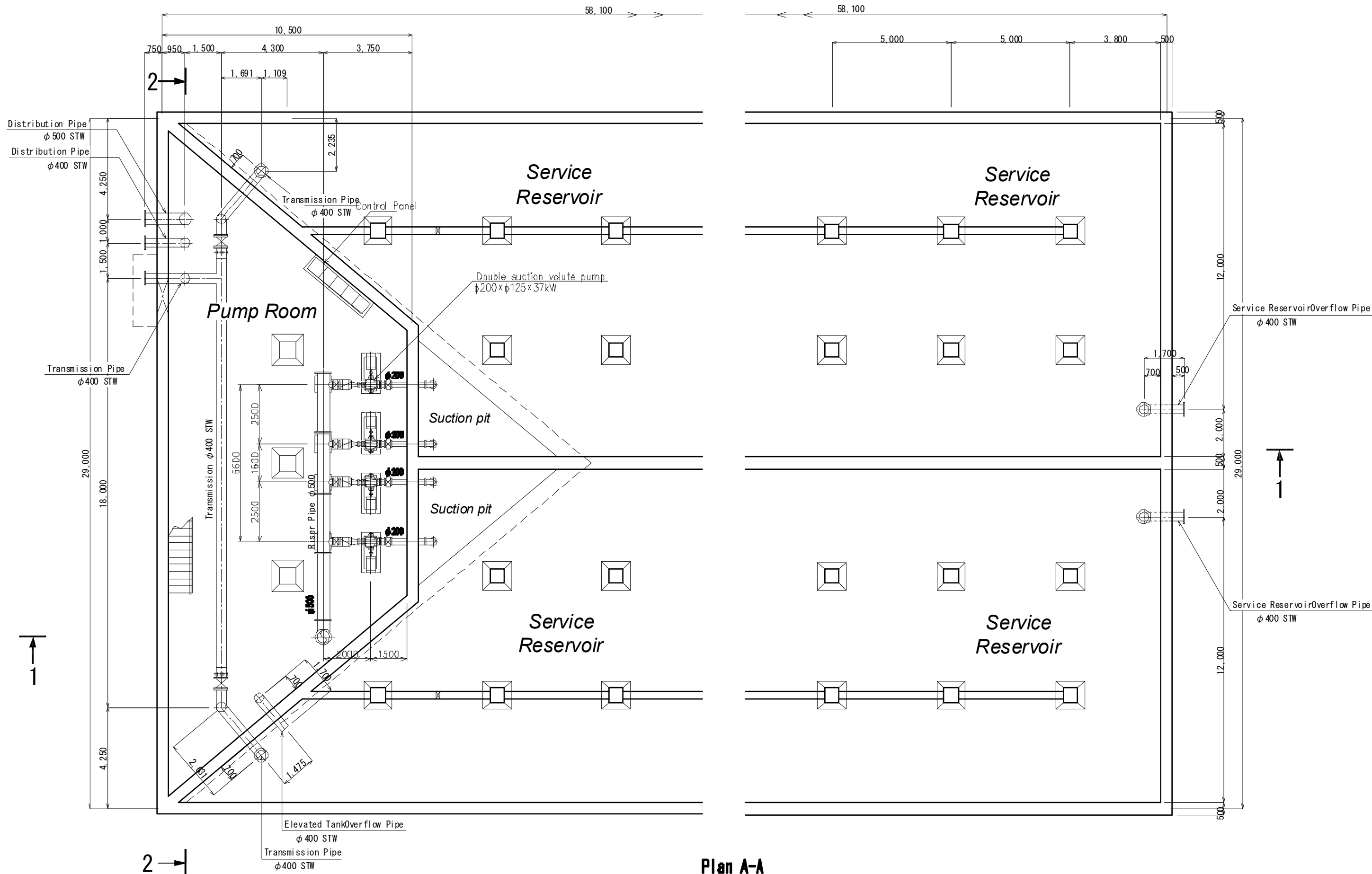
Japan International Cooperation Agency
 (JICA)
 Tokyo Engineering Consultants, Co., Ltd.

Facility:
Service Reservoir

Title:
Layout Plan

Scale:
1/600
 Original Paper Size:
A3

Drawing No.:
RES-001
 Date:
Mar. 2011
 Revision:
Rev. 2.0



The Project for the Improvement
of Water Supply System of Juba
in Southern Sudan

Ministry of Water Resources and Irrigation
Government of Southern Sudan
Southern Sudan Urban Water Corporation

Japan International Cooperation Agency
(JICA)
Tokyo Engineering Consultants, Co., Ltd.

Facility:

Service Reservoir

Title:

Plan A-A
(Pump Room)

Scale:

1/150

Original Paper Size:
A3

Drawing No.:

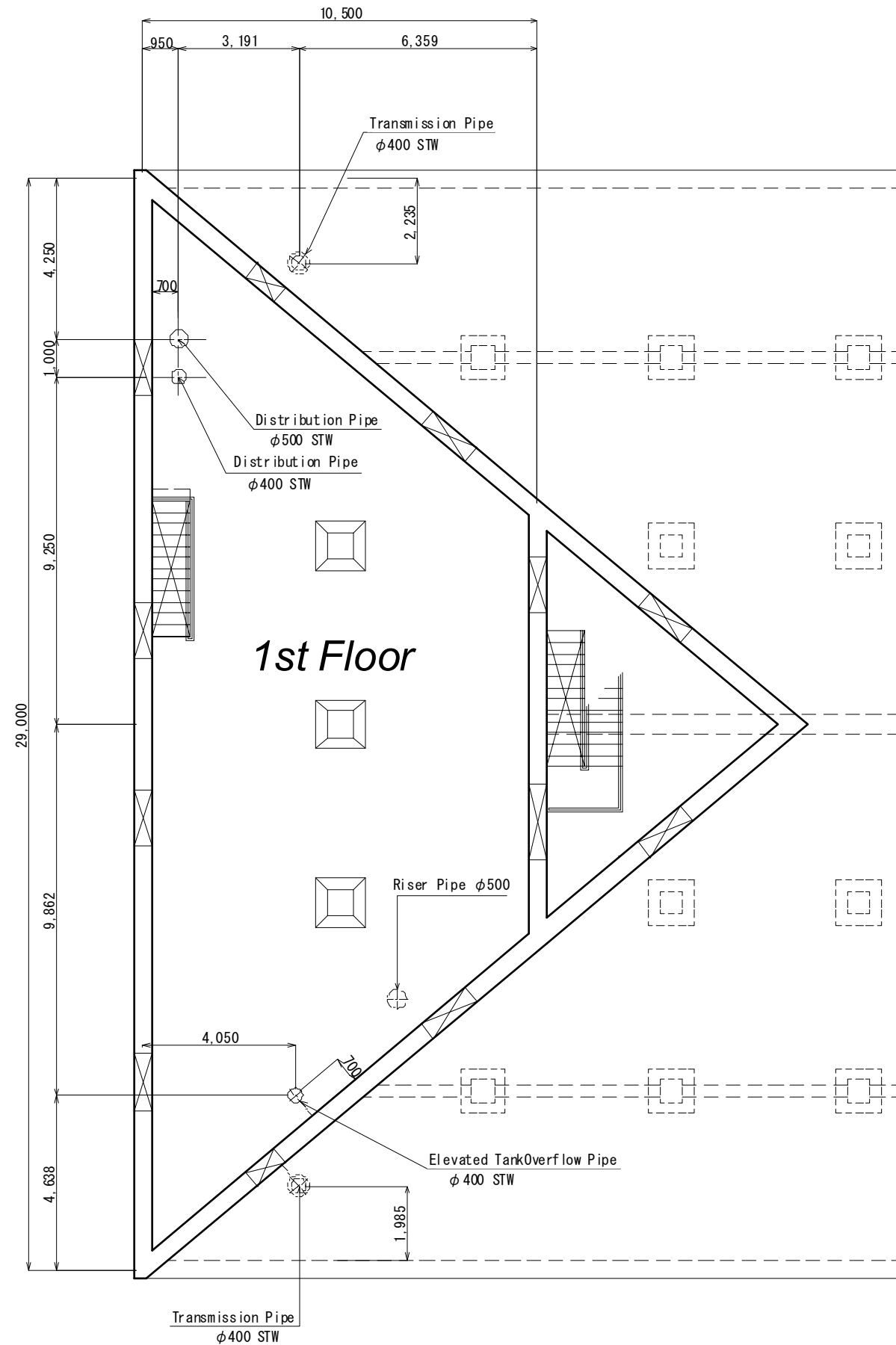
RES-002

Date:

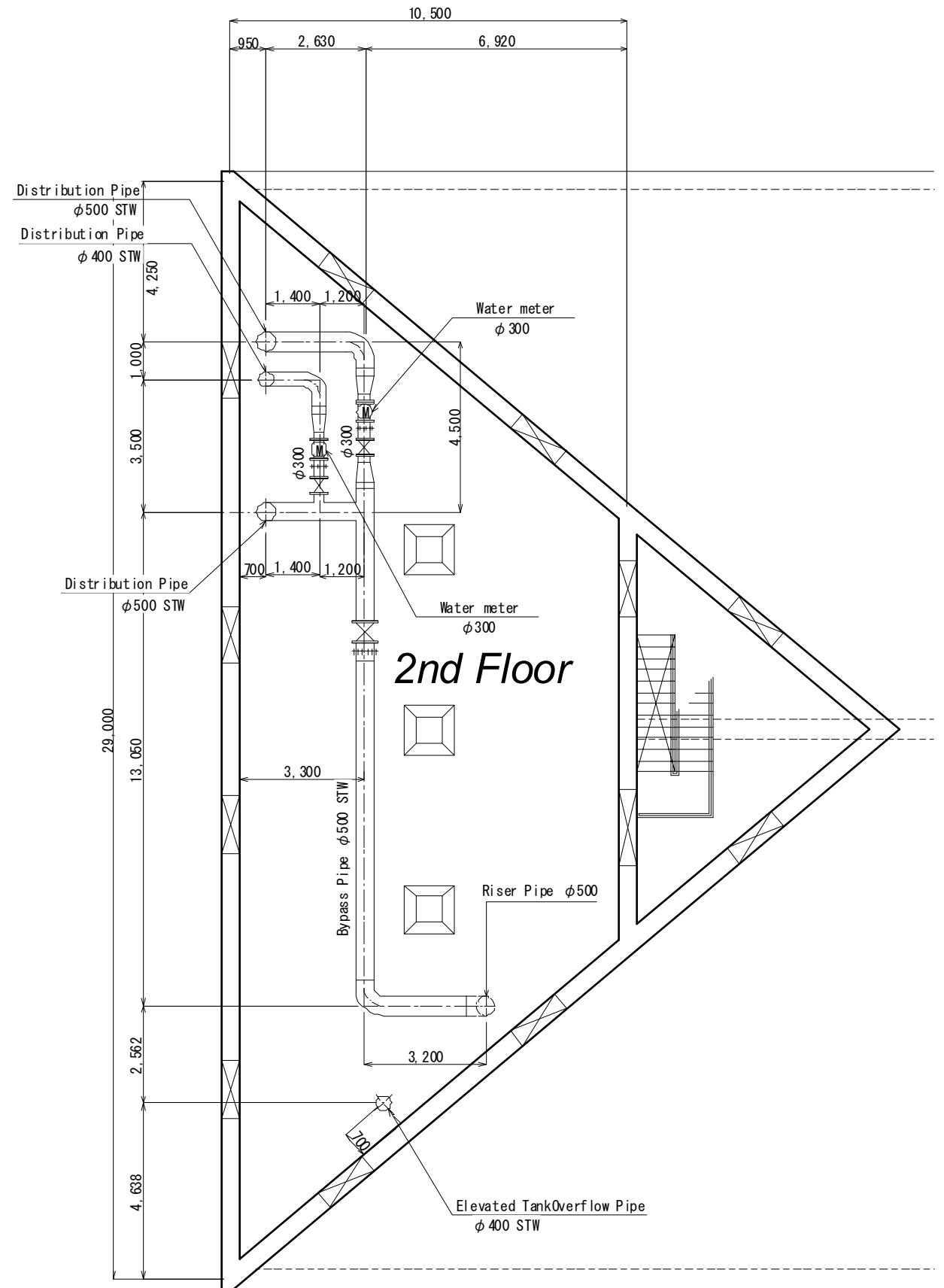
Mar. 2010

Revision:

Rev. 2.0



Plan B-B



Plan C-C

The Project for the Improvement
of Water Supply System of Juba
in Southern Sudan

Ministry of Water Resources and Irrigation
Government of Southern Sudan
Southern Sudan Urban Water Corporation

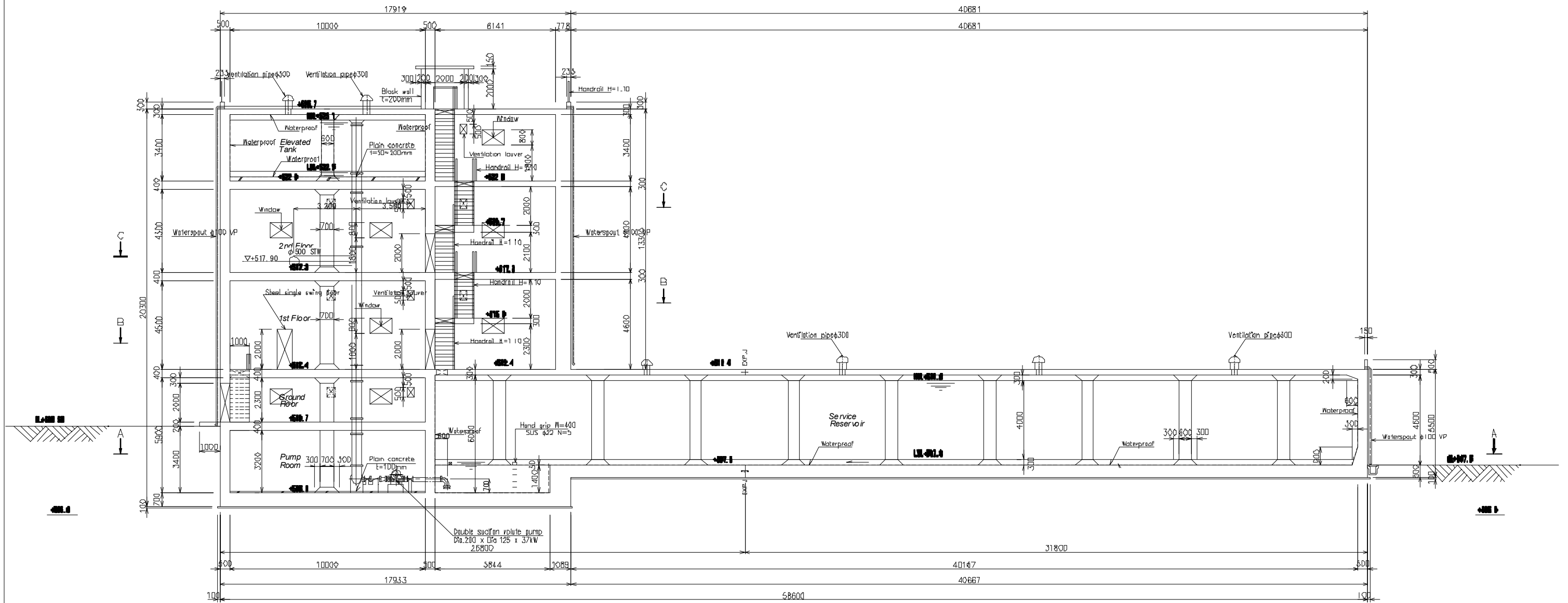
Japan International Cooperation Agency
(JICA)
Tokyo Engineering Consultants, Co., Ltd.

Facility:
Service Reservoir

Title:
Plan B-B, C-C
{1st, 2nd Floors}

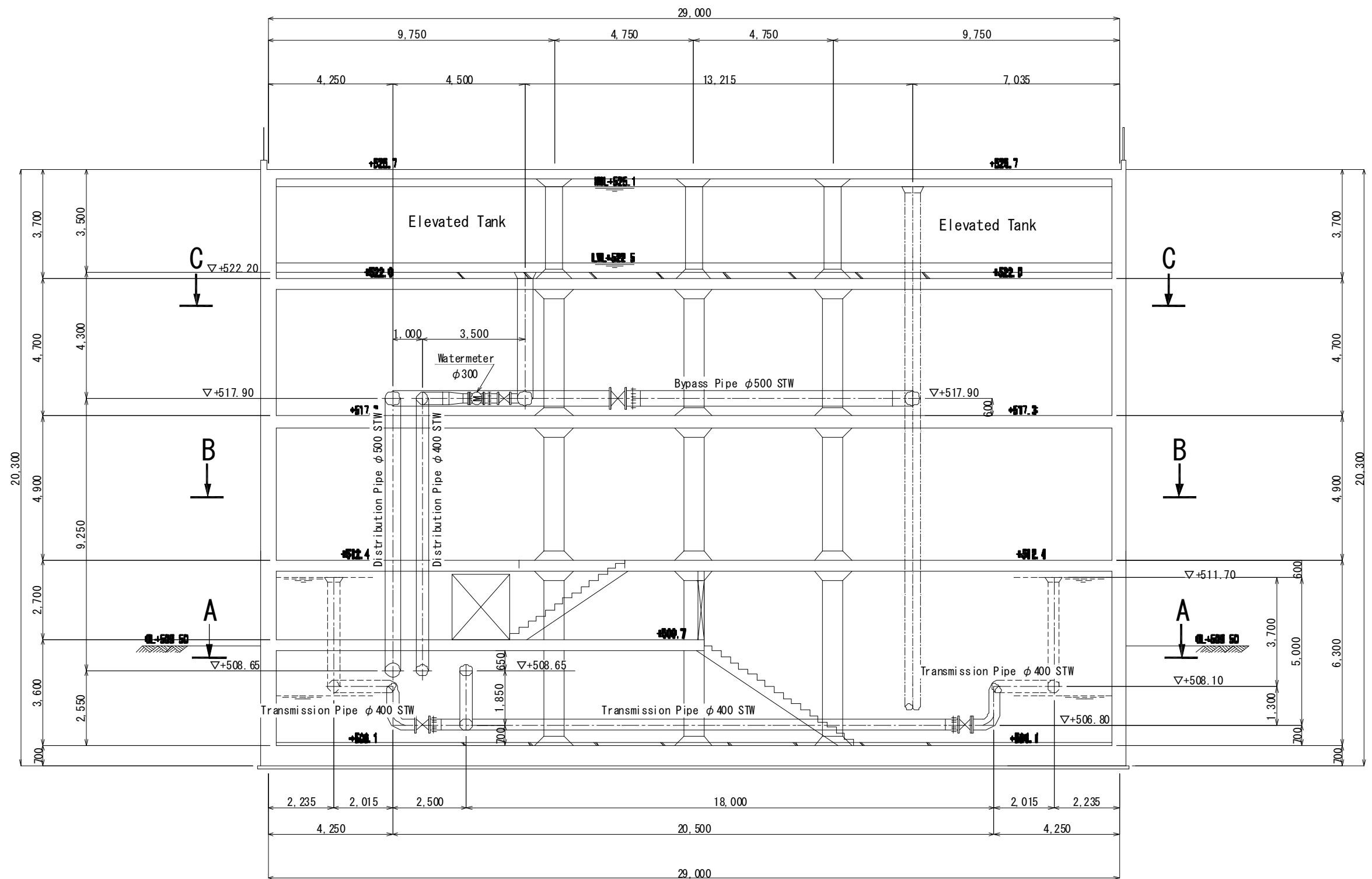
Scale:
1/150
Original Paper Size:
A3

Drawing No.:
RES-003
Date:
Mar. 2011
Revision:
Rev. 2.0



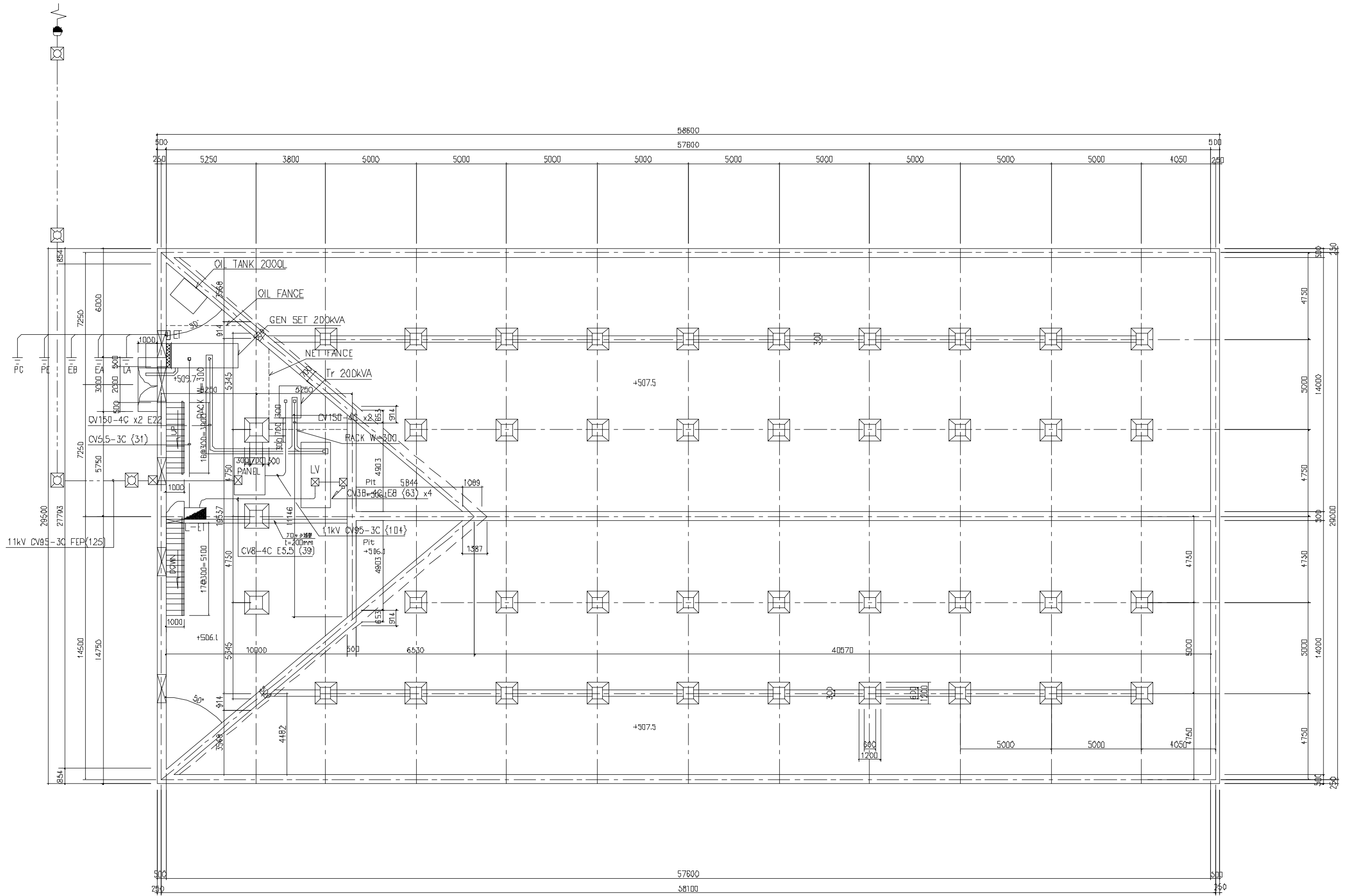
SECTION 1-1

<p>The Project for the Improvement of Water Supply System of Juba in Southern Sudan</p>	<p>Ministry of Water Resources and Irrigation Government of Southern Sudan</p>	<p>Japan International Cooperation Agency (JICA)</p>	<p>Facility:</p>	<p>Title:</p>	<p>Scale:</p>	<p>Drawing No.:</p>
	<p>Southern Sudan Urban Water Corporation</p>	<p>Tokyo Engineering Consultants, Co., Ltd.</p>	<p>Service Reservoir</p>	<p>Section 1-1</p>	<p>1/200 Original Paper Size: A3</p>	<p>RES-004 Date: Mar. 2011 Revision: Rev. 2.1</p>



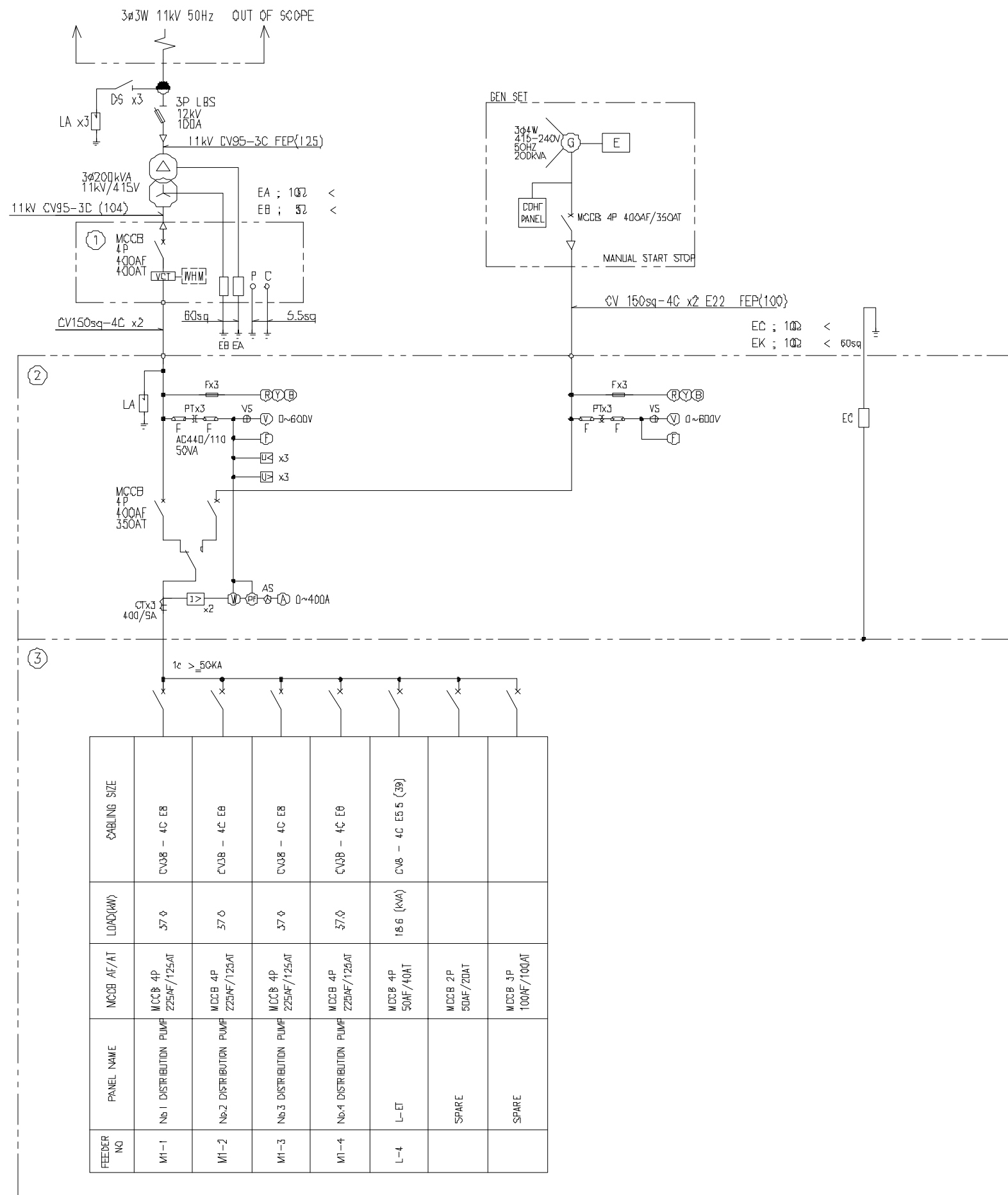
Section 2-2

The Project for the Improvement of Water Supply System of Juba in Southern Sudan	Ministry of Water Resources and Irrigation Government of Southern Sudan	Japan International Cooperation Agency (JICA)	Facility:	Title:	Scale:	Drawing No.:
	Southern Sudan Urban Water Corporation	Tokyo Engineering Consultants, Co., Ltd.	Service Reservoir	Section 2-2	1/150 Original Paper Size: A3	RES-005 Date: Mar. 2011 Revision: Rev. 2.0



SECTION E-E

The Project for the Improvement of Water Supply System of Juba in Southern Sudan	Ministry of Water Resources and Irrigation Government of Southern Sudan	Japan International Cooperation Agency (JICA)	Facility	Title	Scale: 1/200	Drawing No.: RES-006
	Southern Sudan Urban Water Corporation	Tokyo Engineering Consultants, Co., Ltd.	Service Reservoir	Electrical System	Original Paper Size: A3	Date: Mar. 2011 Revision: Rev. 1.0



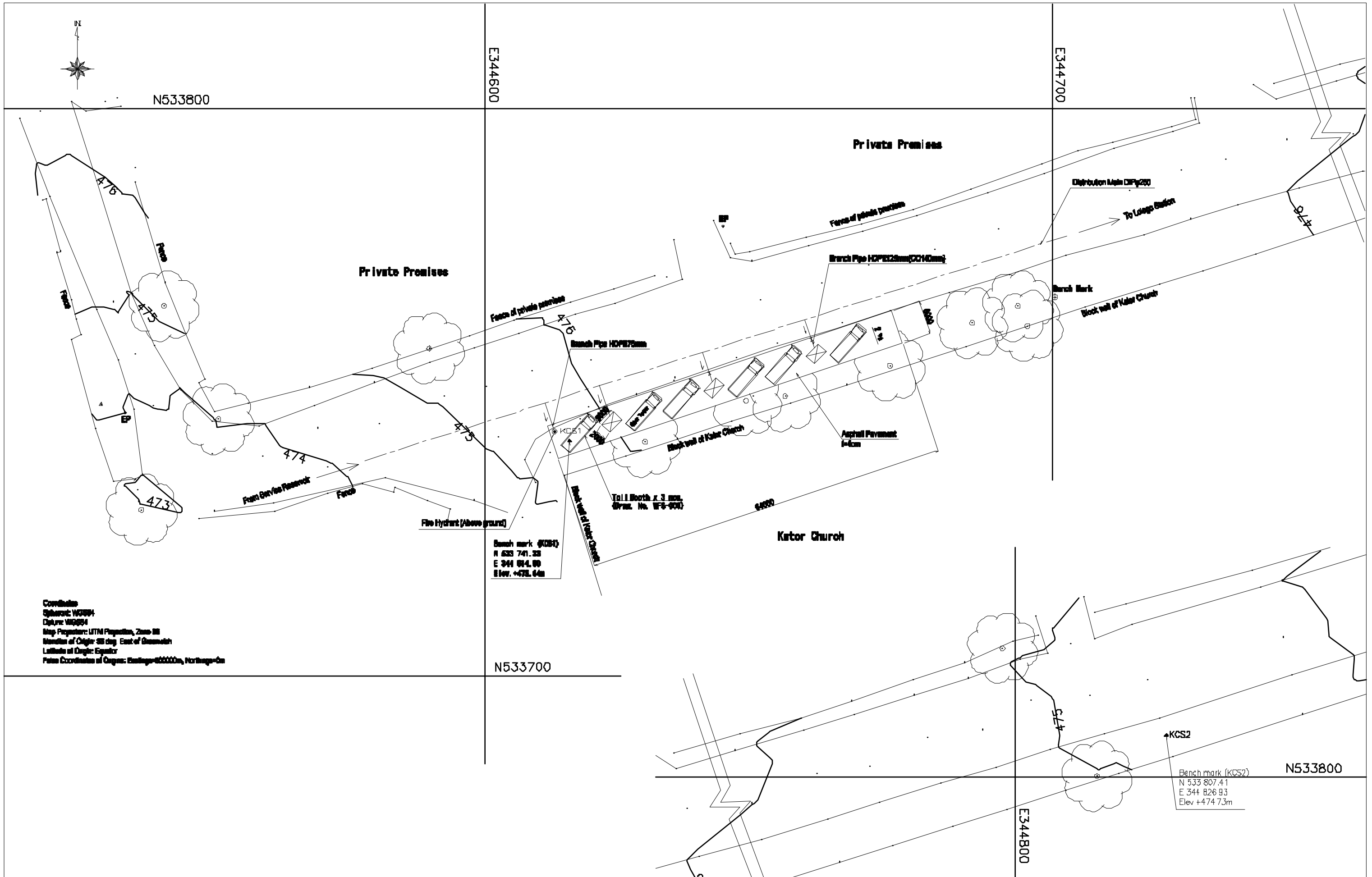
LEGEND

SYMBOL	NAME	F	FUSE
	CURRENT TRANSFORMER		OVER CURRENT GROUNDING RELAY
	POTENTIAL TRANSFORMER		2E RELAY
	STATIC CAPACITOR		AMMETER
	ELECTROMAGNETIC CONTACTOR		VOLT METER
	MOLDED CASE CIRCUIT BREAKER		WHITE LAMP
	MOTOR		TIMER
	ZERD PHASE CURRENT TRANSFORMER		AMMETER SWITCH
	LIGHTING ARRESTER		VOLTMETER SWITCH

LEGEND

NO.	NAME
①	WH METER PANEL
②	INCOMING PANEL
③	LV FEEDER PANEL

FEEDEE NO	PANEL NAME	MCCB AF/AT	LOAD(KVA)	CABLING SIZE
M1-1	No.1 DISTRIBUTION PUMF	MCCB 4P 225AF/125AT	57.0	CV38 - 4C EB
M1-2	No.2 DISTRIBUTION PUMF	MCCB 4P 225AF/125AT	57.0	CV38 - 4C EB
M1-3	No.3 DISTRIBUTION PUMF	MCCB 4P 225AF/125AT	57.0	CV38 - 4C EB
M1-4	No.4 DISTRIBUTION PUMF	MCCB 4P 225AF/125AT	57.0	CV38 - 4C EB
L-4	L-ET	MCCB 4P 50AF/40AT	18.6 (KVA)	CV8 - 4C ES 5 (39)
	SPARE	MCCB 2P 50AF/20AT		
	SPARE	MCCB 3P 100AF/100AT		



Coordinate System: WGS84
 Datum: WGS84
 Map Projection: UTM Projection, Zone 38N
 Meridian of Origin: 33 deg. East of Greenwich
 Latitude of Origin: Equator
 False Coordinate of Origin: Easting=500000m, Northing=0m

Bench mark (KCS1)
 N 533 741.33
 E 344 814.88
 Elev. +474.64m

Bench mark (KCS2)
 N 533 807.41
 E 344 826.93
 Elev. +474.73m

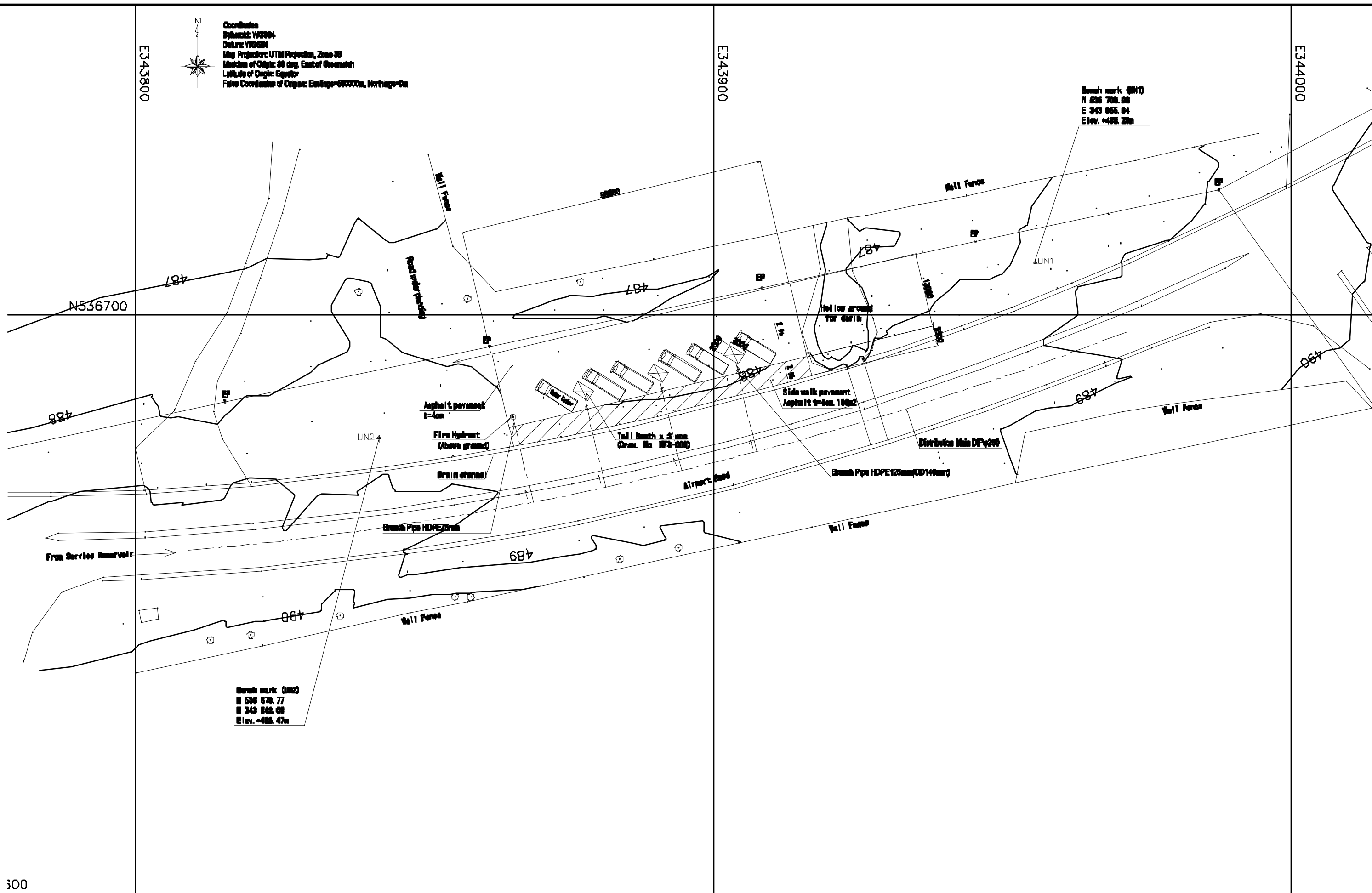
The Project for the Improvement of Water Supply System of Juba in Southern Sudan	Ministry of Water Resources and Irrigation Government of Southern Sudan	Japan International Cooperation Agency (JICA)	Facility Water Tanker Filling Station	Title Station No.1 Kator Church	Scale 1/300	Drawing No. WFS-001	
	Southern Sudan Urban Water Corporation	Tokyo Engineering Consultants, Co., Ltd.			Original Paper Size A3	Date Nov. 2010	Revision Rev. 1.0



Coordinate System:
 Spheroid: WGS84
 Datum: WGS84
 Map Projection: UTM Projection, Zone 39
 Meridian of Origin: 30 deg. East of Greenwich
 Latitude of Origin: Equator
 False Coordinate of Origin: Easting=960000m, Northing=0m

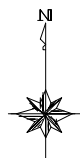
Bench mark (BM1)
 N 334 700.00
 E 343 000.04
 Elev. +498.20m

Bench mark (BM2)
 N 536 878.77
 E 343 000.00
 Elev. +488.47m

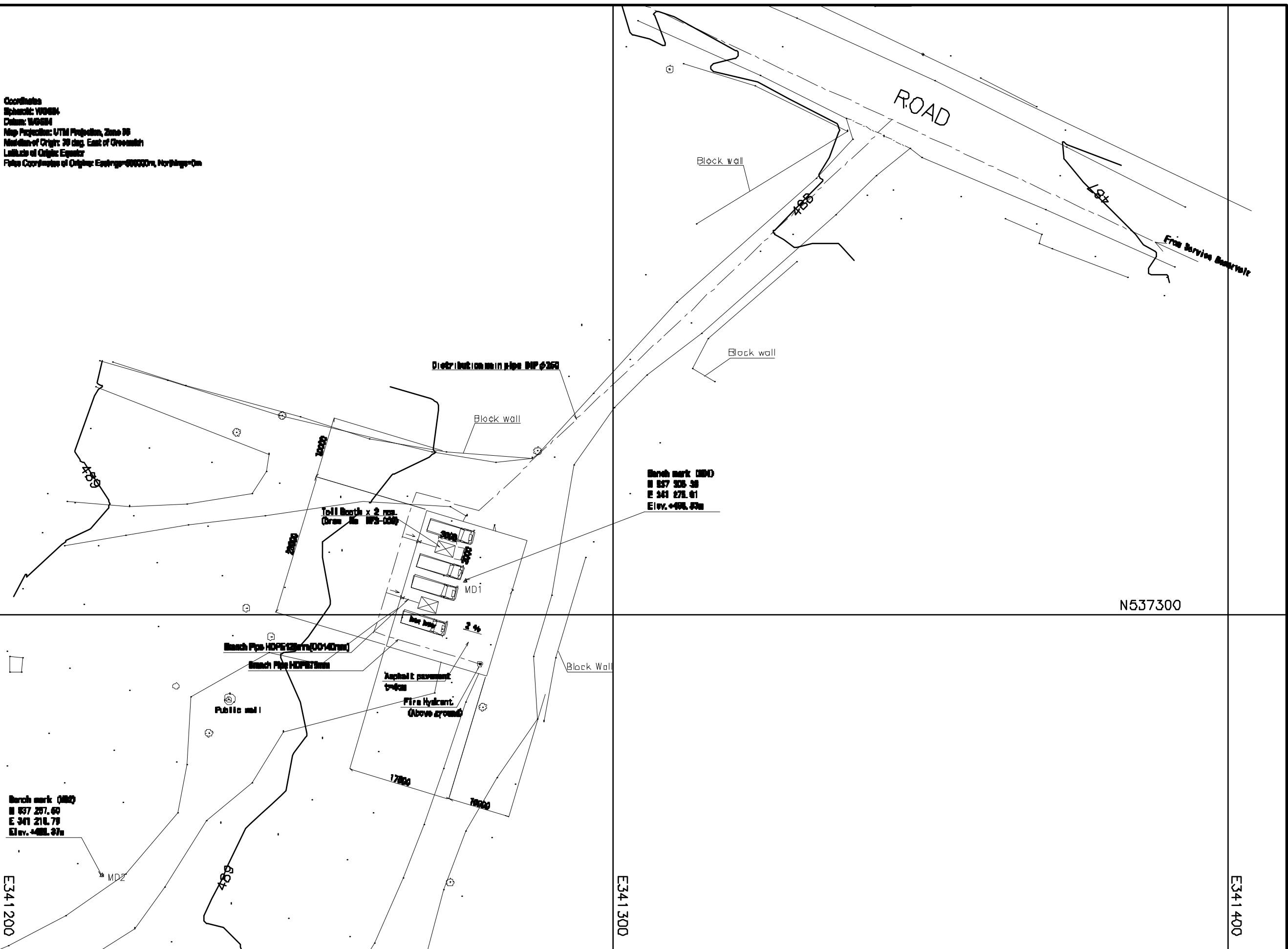


300

The Project for the Improvement of Water Supply System of Juba in Southern Sudan	Ministry of Water Resources and Irrigation Government of Southern Sudan	Japan International Cooperation Agency (JICA)	Facility: Water Tanker Filling Station	Title: Station No.2 UN Compound	Scale: 1/300 Original Paper Size: A3	Drawing No.: WFS-002 Date: Sept. 2010 Revision: Rev. 0
	Southern Sudan Urban Water Corporation	Tokyo Engineering Consultants, Co., Ltd.				



Coordinates
 Spheroid: WGS84
 Datum: WGS84
 Map Projection: UTM Projection, Zone 38
 Meridian of Origin: 39 deg. East of Greenwich
 Latitude of Origin: Equator
 False Coordinate of Origin: Easting=500000m, Northing=0m



The Project for the Improvement
 of Water Supply System of Juba
 in Southern Sudan

Ministry of Water Resources and Irrigation
 Government of Southern Sudan
 Southern Sudan Urban Water Corporation

Japan International Cooperation Agency
 (JICA)
 Tokyo Engineering Consultants, Co., Ltd.

Facility
 Water Tanker Filling Station

Title
 Station No.3
 Dar el-Salam

Scale
 1/300
 Original Paper Size
 A3

Drawing No.
 WFS-003
 Date
 Sept. 2010
 Revision
 Rev. 0

E338550

E338600

E338700

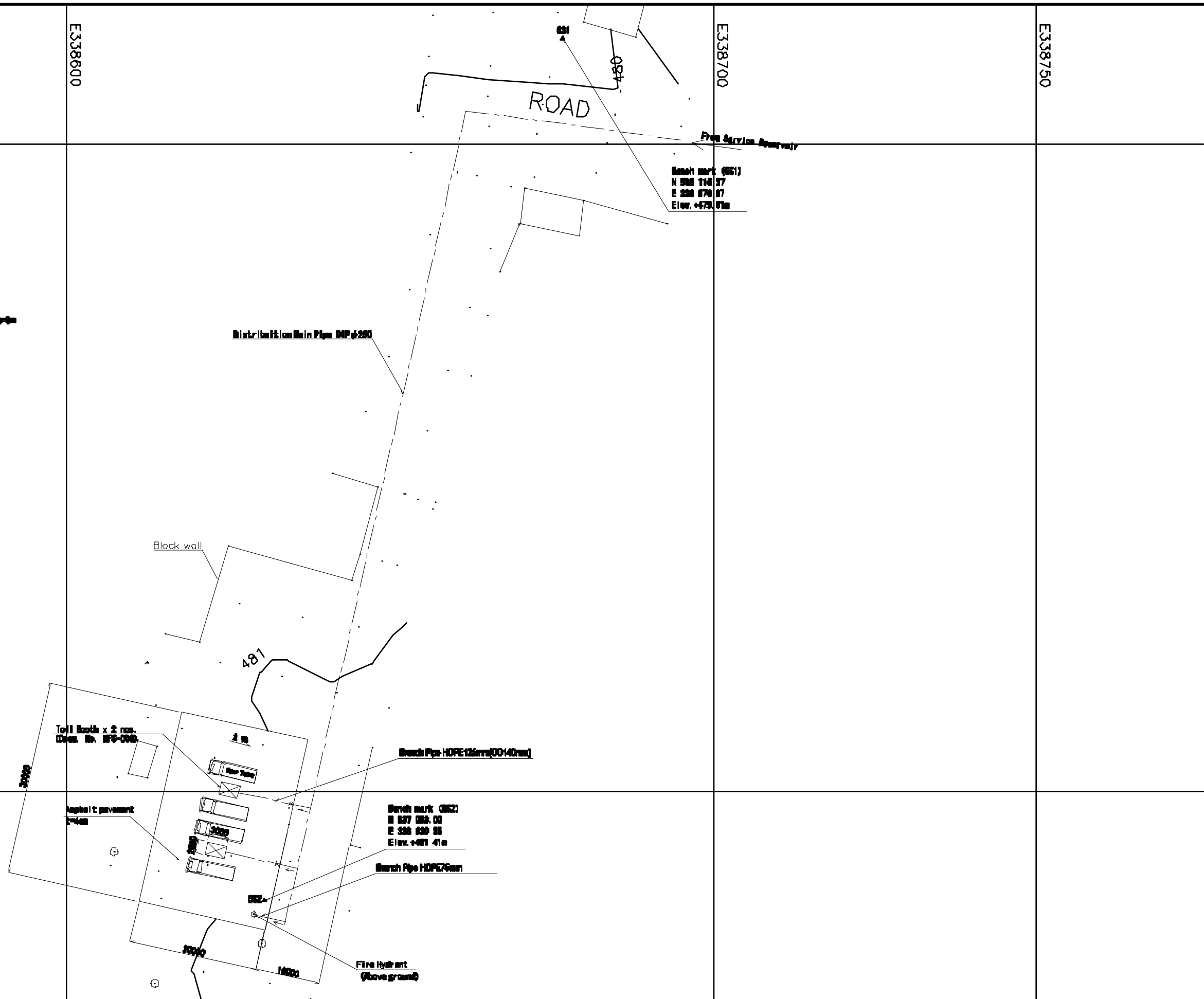
E338750

N538100

N538000



Coordinates
 Spheroid: WGS84
 Datum: WGS84
 Map Projection: UTM Projection, Zone 38
 Meridian of Origin: 33 deg. East of Greenwich
 Latitude of Origin: Equator
 False Coordinate of Origin: Easting=500000m, Northing=0m



The Project for the Improvement
 of Water Supply System of Juba
 in Southern Sudan

Ministry of Water Resources and Irrigation
 Government of Southern Sudan
 Southern Sudan Urban Water Corporation

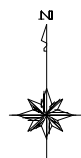
Japan International Cooperation Agency
 (JICA)
 Tokyo Engineering Consultants, Co., Ltd.

Facility
 Water Tanker Filling Station

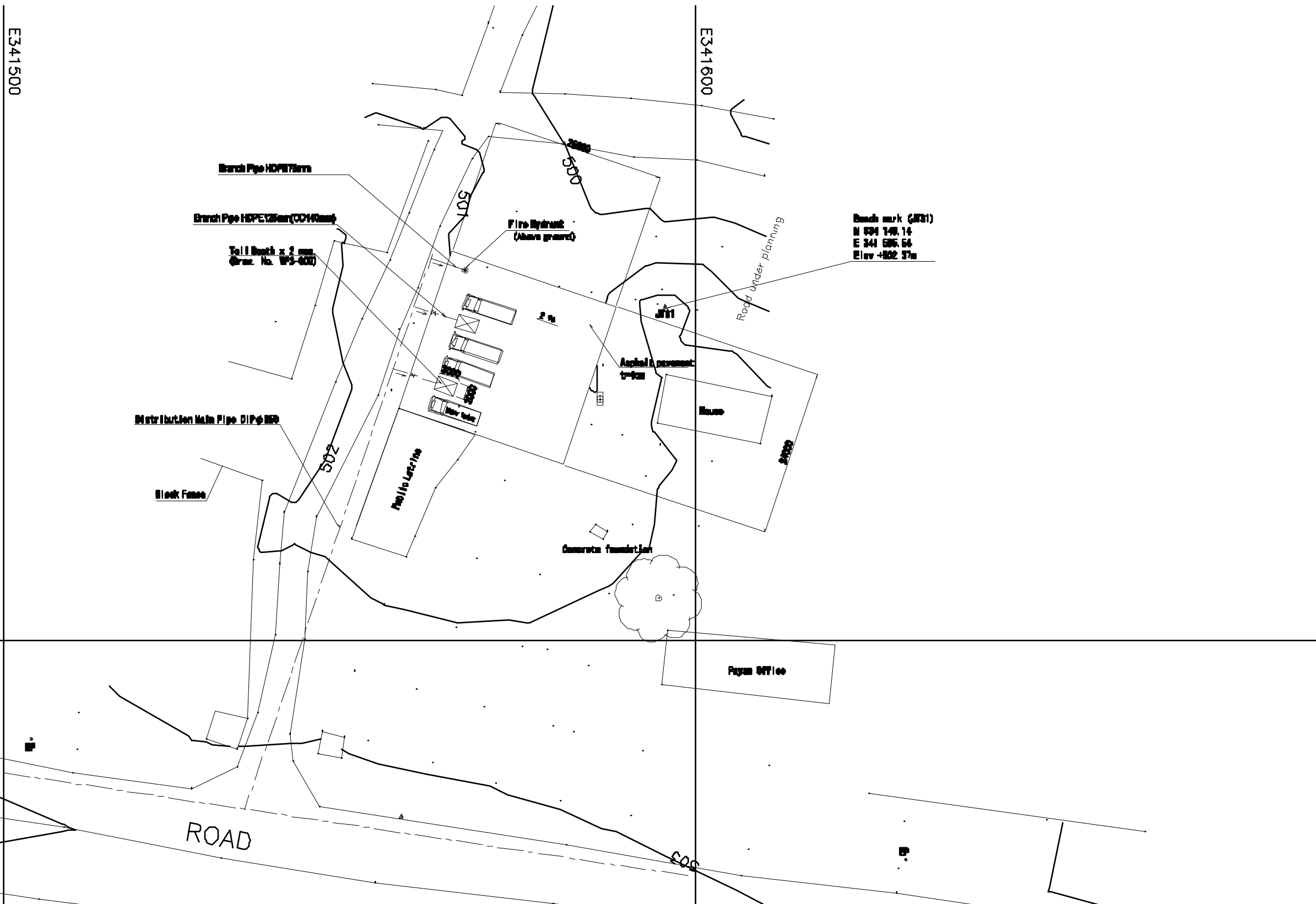
Title
 Station No.4
 Guide

Scale
 1/300
 Original Paper Size
 A3

Drawing No.
 WFS-004
 Date
 Sept. 2010
 Revision
 Rev. 0



Coordinate
 Spheroid: WGS84
 Datum: WGS84
 Map Projection: UTM Projection, Zone 38
 Meridian of Origin: 33 deg. East of Greenwich
 Latitude of Origin: Equator
 False-Coordinate of Origin: Northing=50000m, Easting=50000m



The Project for the Improvement
 of Water Supply System of Juba
 in Southern Sudan

Ministry of Water Resources and Irrigation
 Government of Southern Sudan
 Southern Sudan Urban Water Corporation

Japan International Cooperation Agency
 (JICA)
 Tokyo Engineering Consultants, Co., Ltd.

Facility
 Water Tanker Filling Station

Title
 Station No.5
 Jebel Market

Scale
 1/300
 Original Paper Size
 A3

Drawing No.
 WFS-005
 Date
 Sept. 2010
 Revision
 Rev. 0

N535700

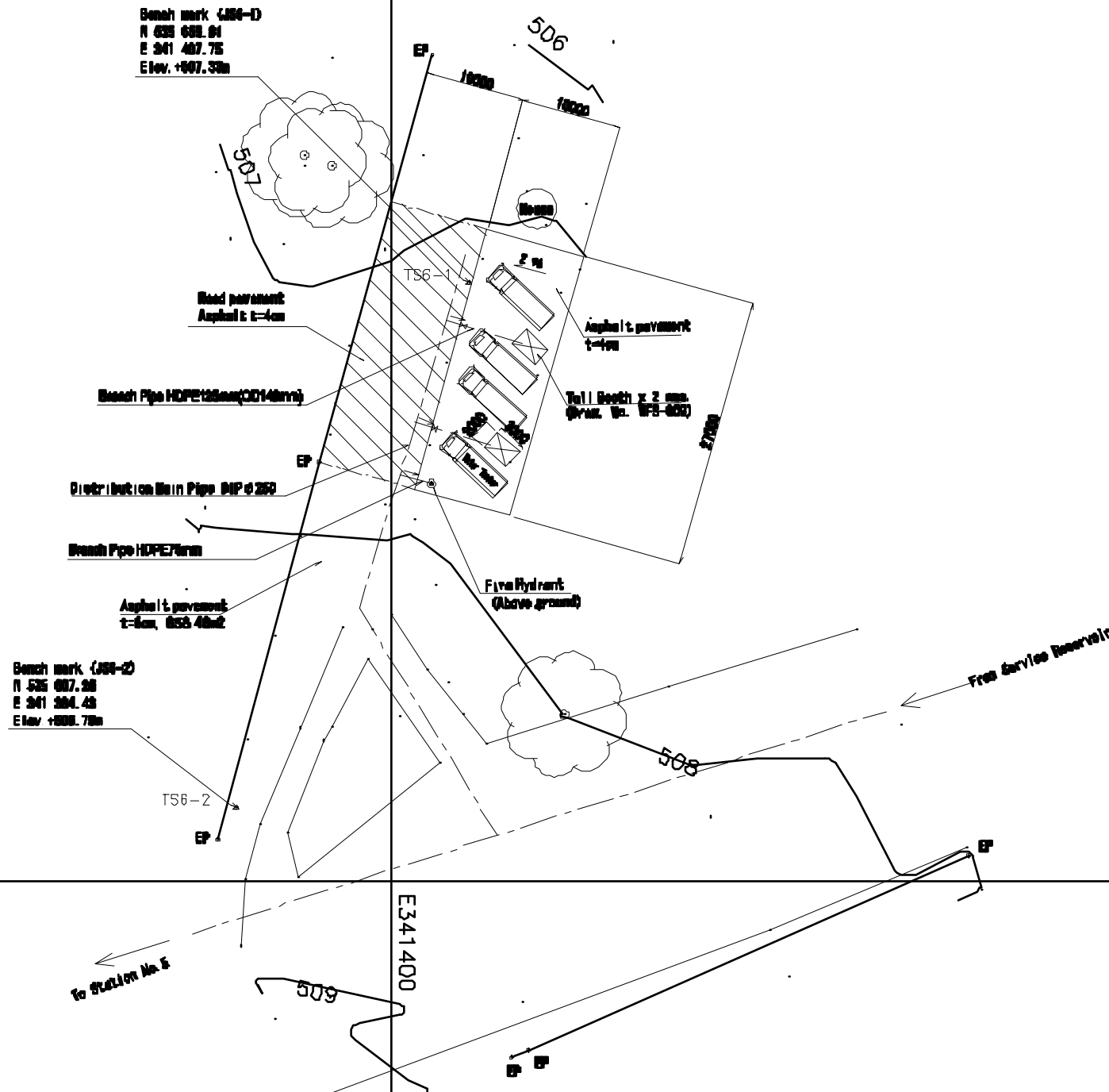
E341300

E341400

E341500



Coordinates
 Spheroid: WGS84
 Datum: WGS84
 Map Projection: UTM Projection, Zone 38
 Meridian of Origin: 33 deg. East of Greenwich
 Latitude of Origin: Equator
 False Conscience of Origin: Eastings-50000m, Northings-0m



N535600

E341300

E341400

E341500

The Project for the Improvement
 of Water Supply System of Juba
 in Southern Sudan

Ministry of Water Resources and Irrigation
 Government of Southern Sudan
 Southern Sudan Urban Water Corporation

Japan International Cooperation Agency
 (JICA)
 Tokyo Engineering Consultants, Co., Ltd.

Facility
 Water Tanker Filling Station

Title
 Station No.6
 Nyokoran

Scale
 1/300
 Original Paper Size
 A3

Drawing No.
 WFS-006
 Date
 Sept. 2010
 Revision
 Rev. 0