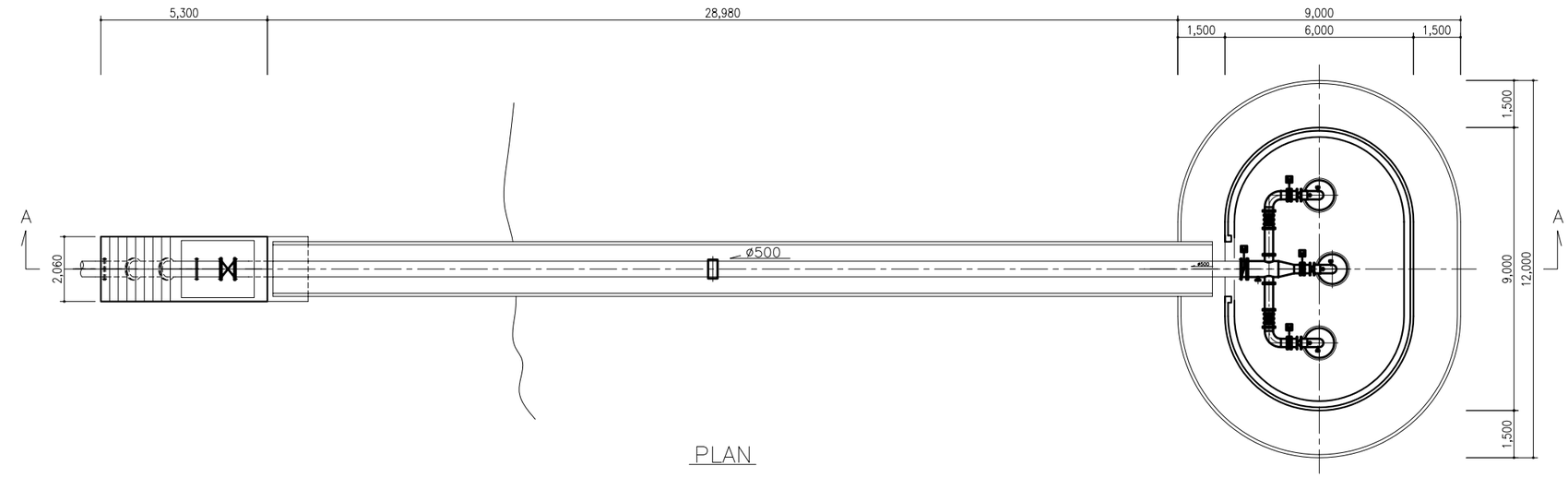
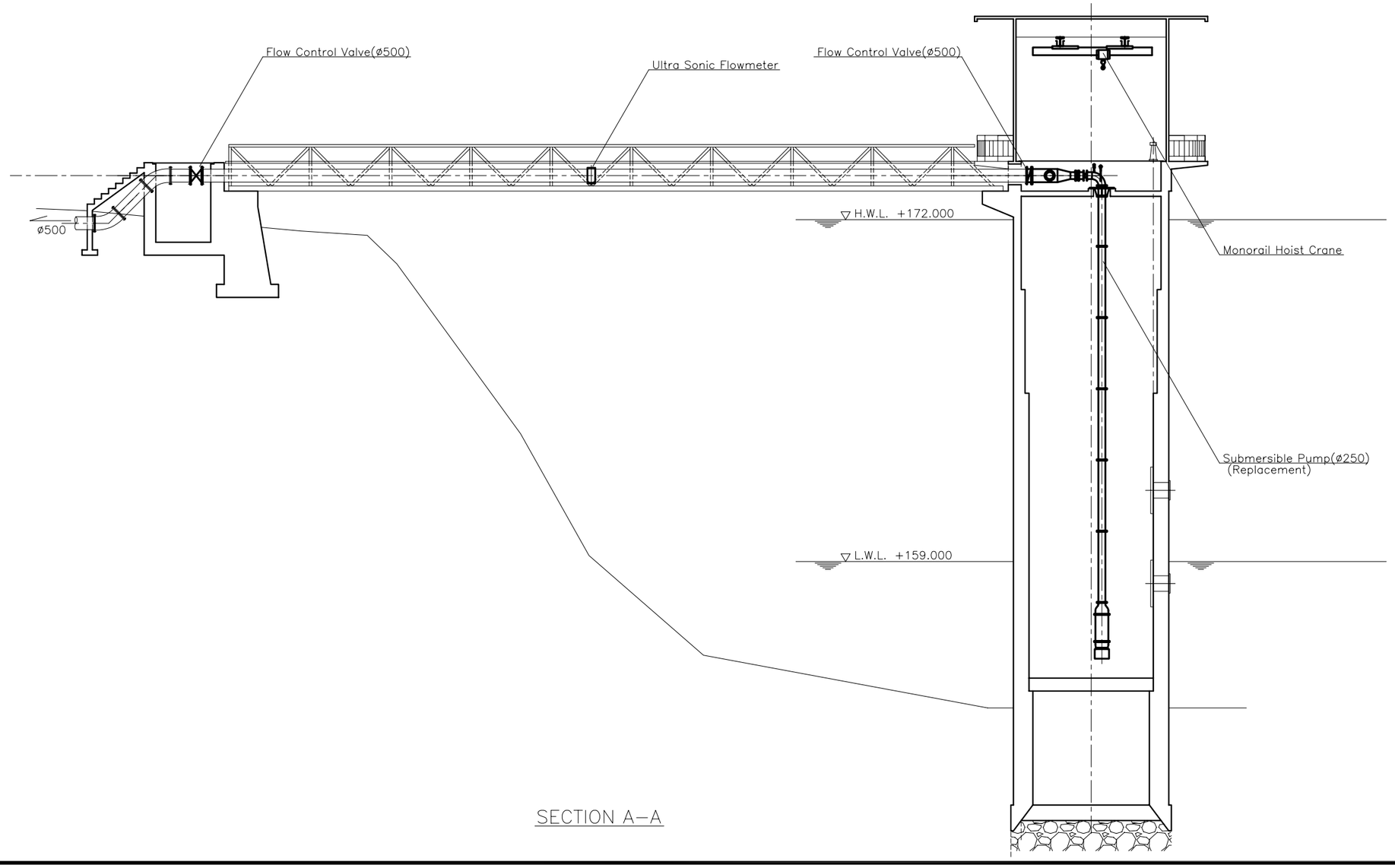
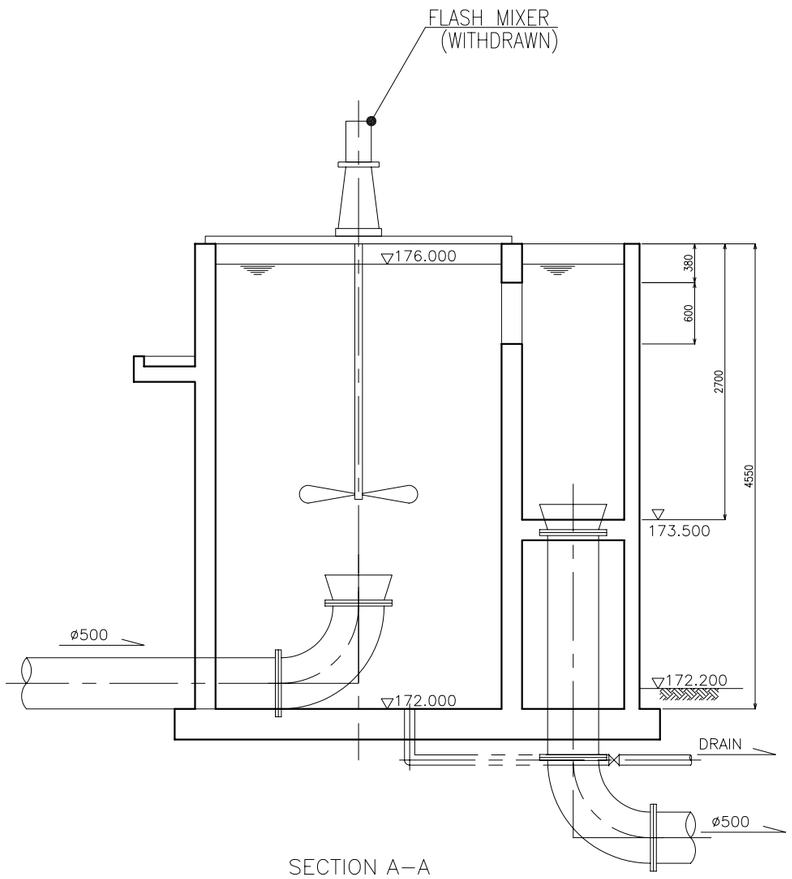


PLAN

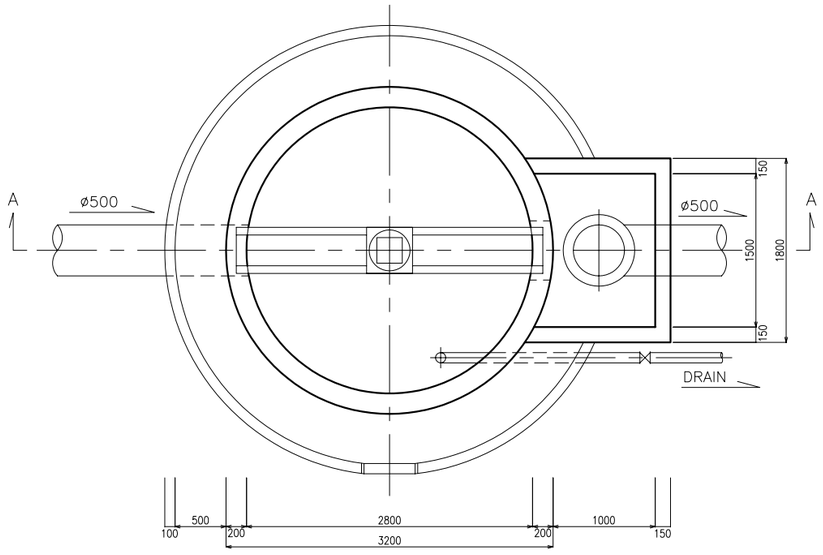


SECTION A–A

Lao People's Democratic Republic Ministry of Communication, Transport, Post and Construction	
The Basic Design Study on The Project for the Vientiane Water Supply Development in Lao People's Democratic Republic	
TITLE: カオリオ浄水場改修計画取水施設図	
SCALE: 1/200	DRAWING NO. 図3-2-48
NIHON SUIDO CONSULTANTS CO., LTD. TOKYO, JAPAN	APPROVED BY DATE DESIGNED BY DATE
JAPAN INTERNATIONAL COOPERATION AGENCY	

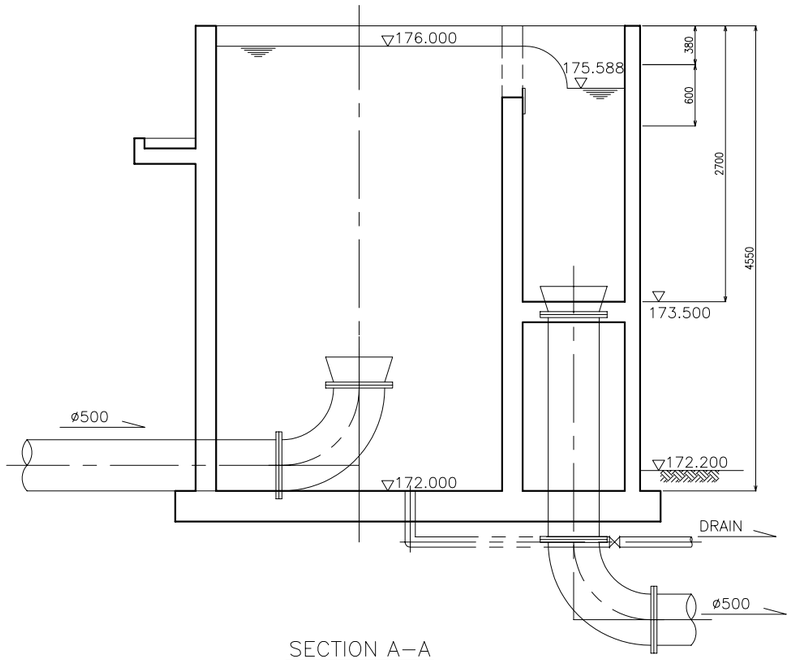


SECTION A–A

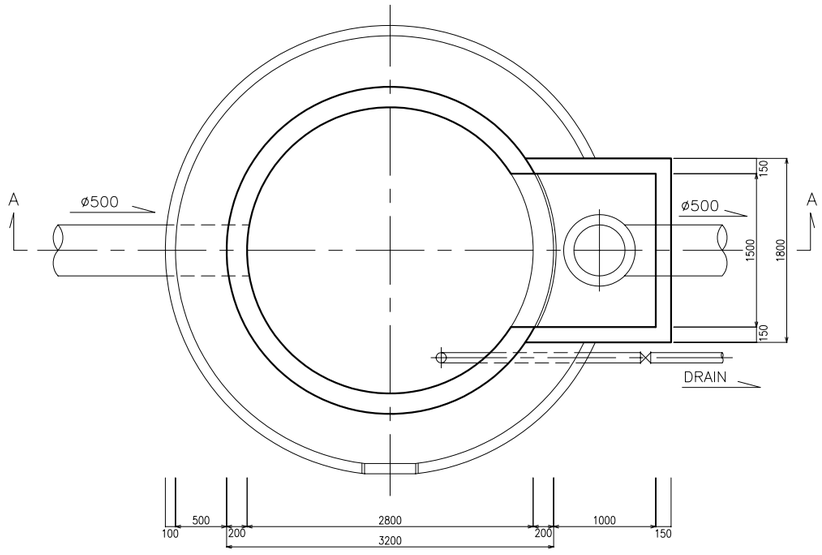


PLAN

EXISTING CONDITION



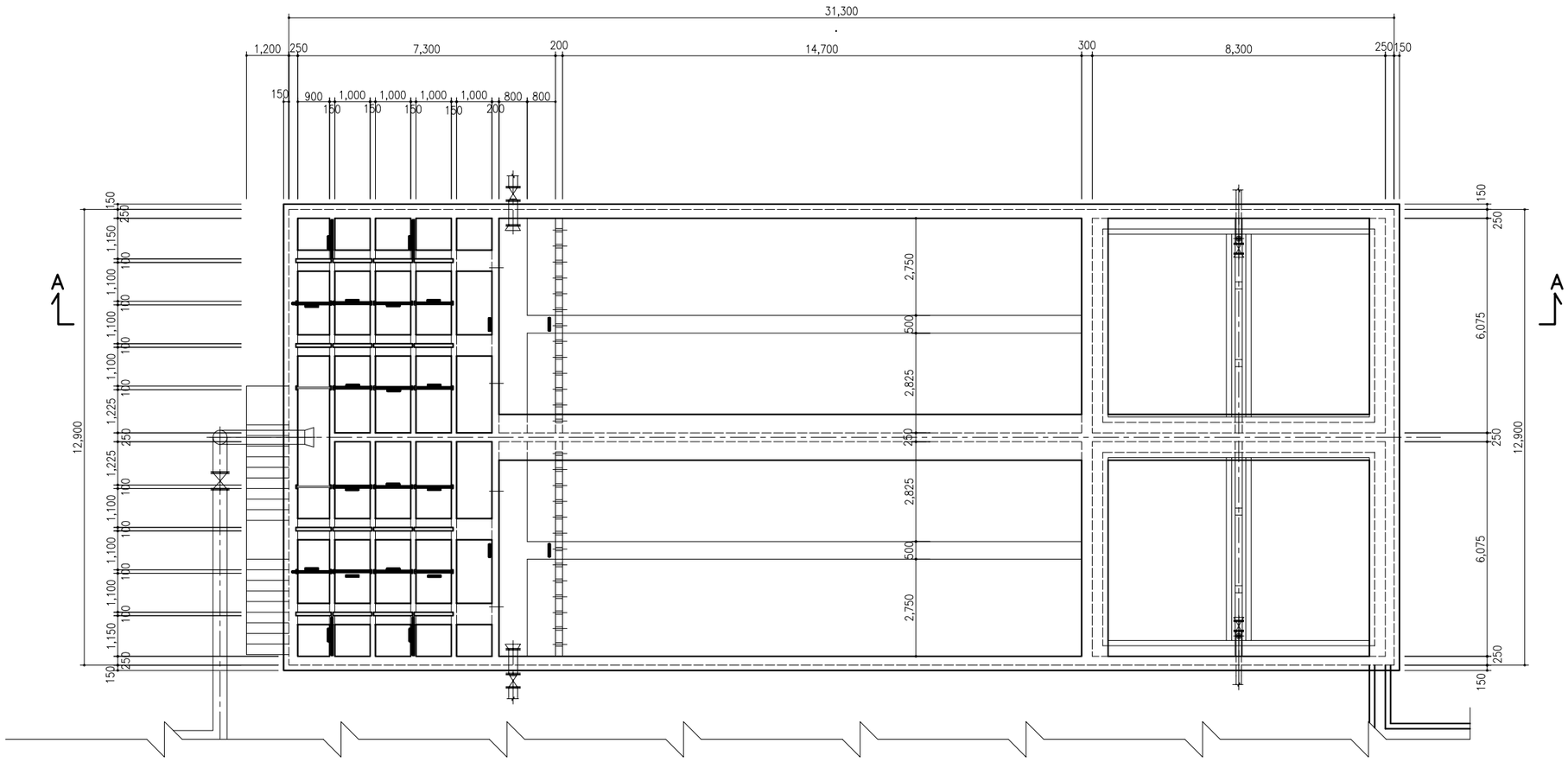
SECTION A–A



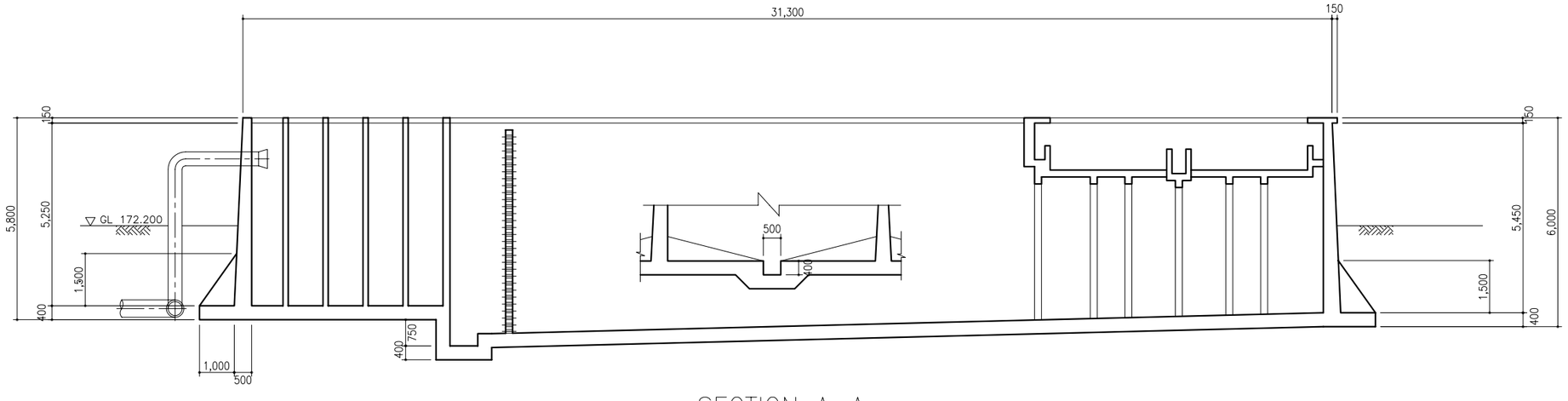
PLAN

REHABILITATION PLAN

Lao People's Democratic Republic Ministry of Communication, Transport, Post and Construction	
The Basic Design Study on The Project for the Vientiane Water Supply Development in Lao People's Democratic Republic	
TITLE: カオリオ浄水場改修計画着水井改修	
SCALE: 1/60	DRAWING NO. 図3-2-49
NIHON SUIDO CONSULTANTS CO., LTD. TOKYO, JAPAN	APPROVED BY / DATE DESIGNED BY / DATE
JAPAN INTERNATIONAL COOPERATION AGENCY	

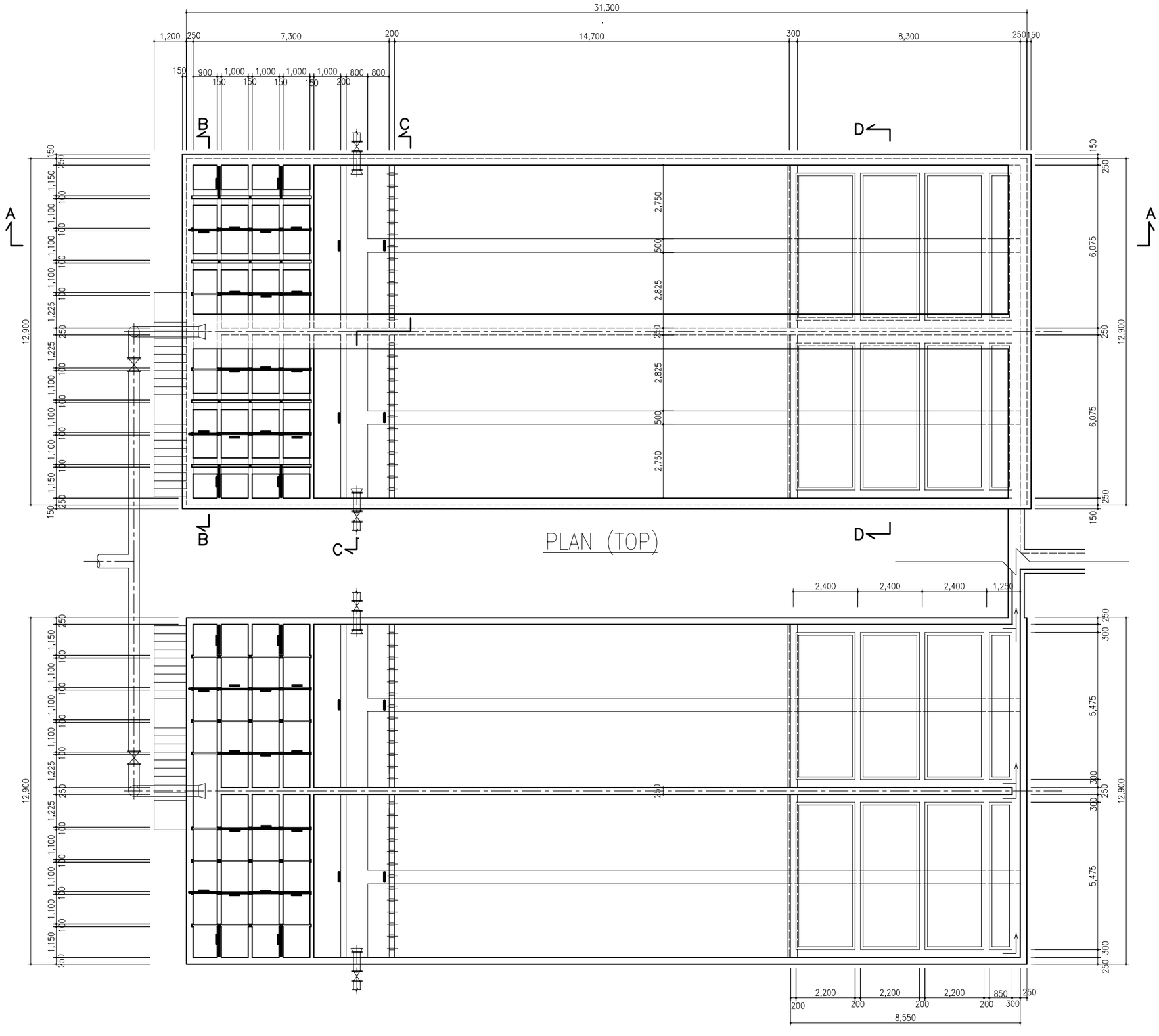


PLAN



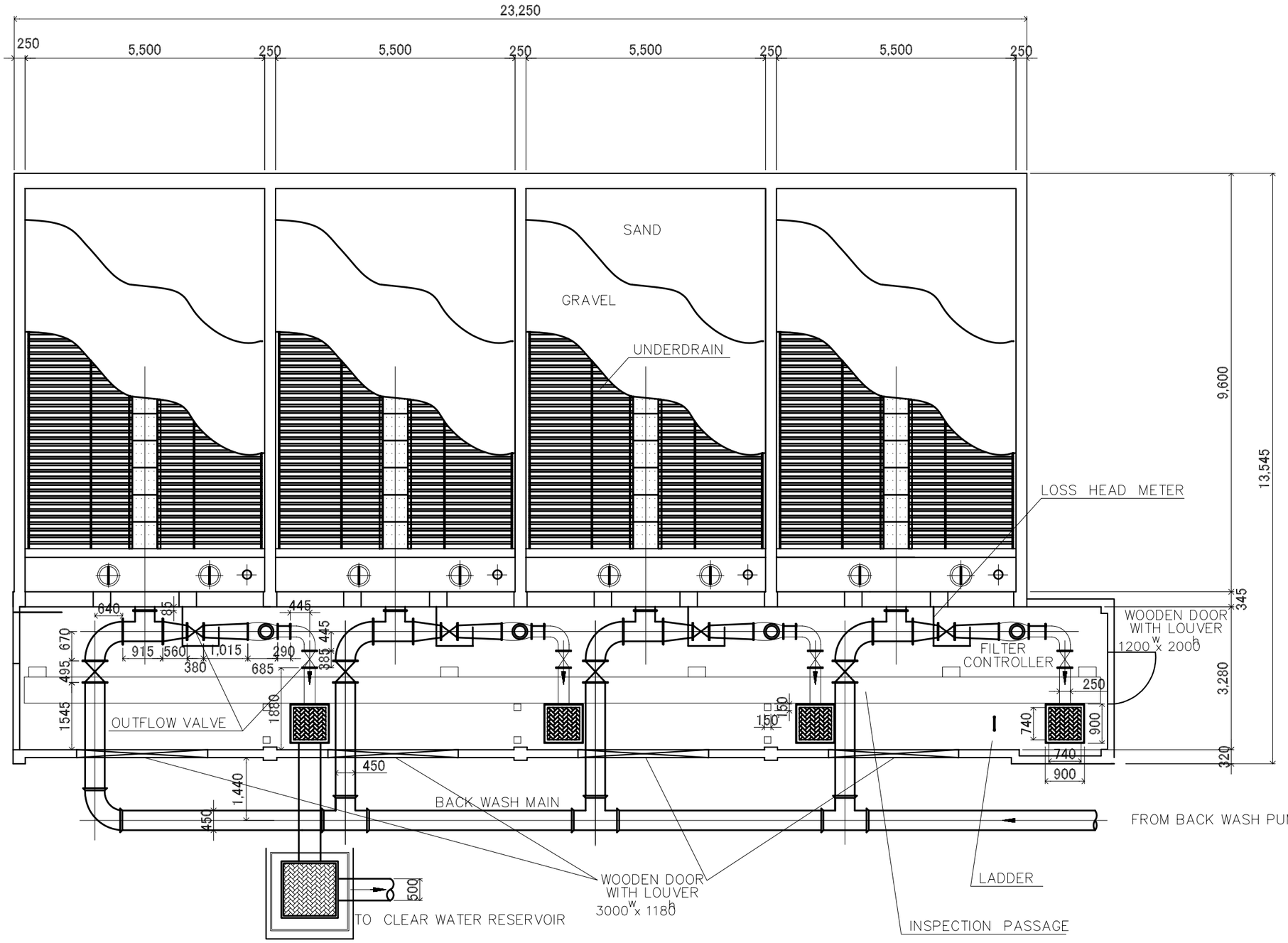
SECTION A–A

Lao People's Democratic Republic Ministry of Communication, Transport, Post and Construction	
The Basic Design Study on The Project for the Vientiane Water Supply Development in Lao People's Democratic Republic	
TITLE: カオリオ浄水場改修計画沈澱池改修(改修前)	
SCALE: 1/150	DRAWING NO. 図3-2-50
NIHON SUIDO CONSULTANTS CO., LTD. TOKYO, JAPAN	APPROVED BY DATE DESIGNED BY DATE
JAPAN INTERNATIONAL COOPERATION AGENCY	

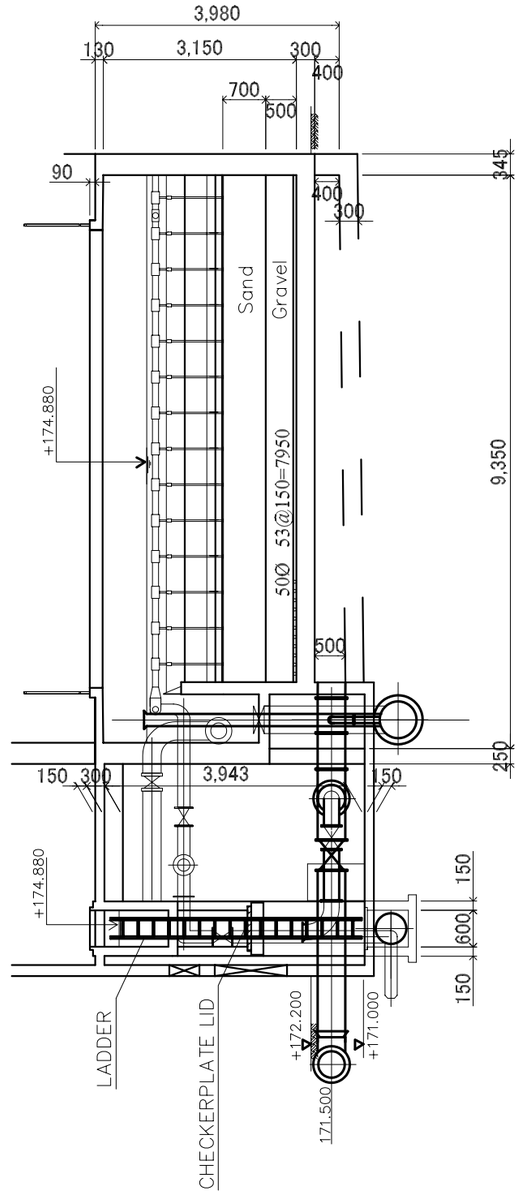


PLAN (INSIDE)

Lao People's Democratic Republic Ministry of Communication, Transport, Post and Construction	
The Basic Design Study on The Project for the Vientiane Water Supply Development in Lao People's Democratic Republic	
TITLE: カオリオ浄水場改修計画沈澱池改修(改修後)	
SCALE: 1/150	DRAWING NO. 図3-2-51
NIHON SUIDO CONSULTANTS CO., LTD. TOKYO, JAPAN	APPROVED BY DATE DESIGNED BY DATE
JAPAN INTERNATIONAL COOPERATION AGENCY	



PLAN



SECTION

Lao People's Democratic Republic
Ministry of Communication, Transport, Post and Construction

The Basic Design Study on
The Project for the Vientiane Water Supply Development in
Lao People's Democratic Republic

TITLE:
カオリオ浄水場改修計画ろ過池改修(改修前)

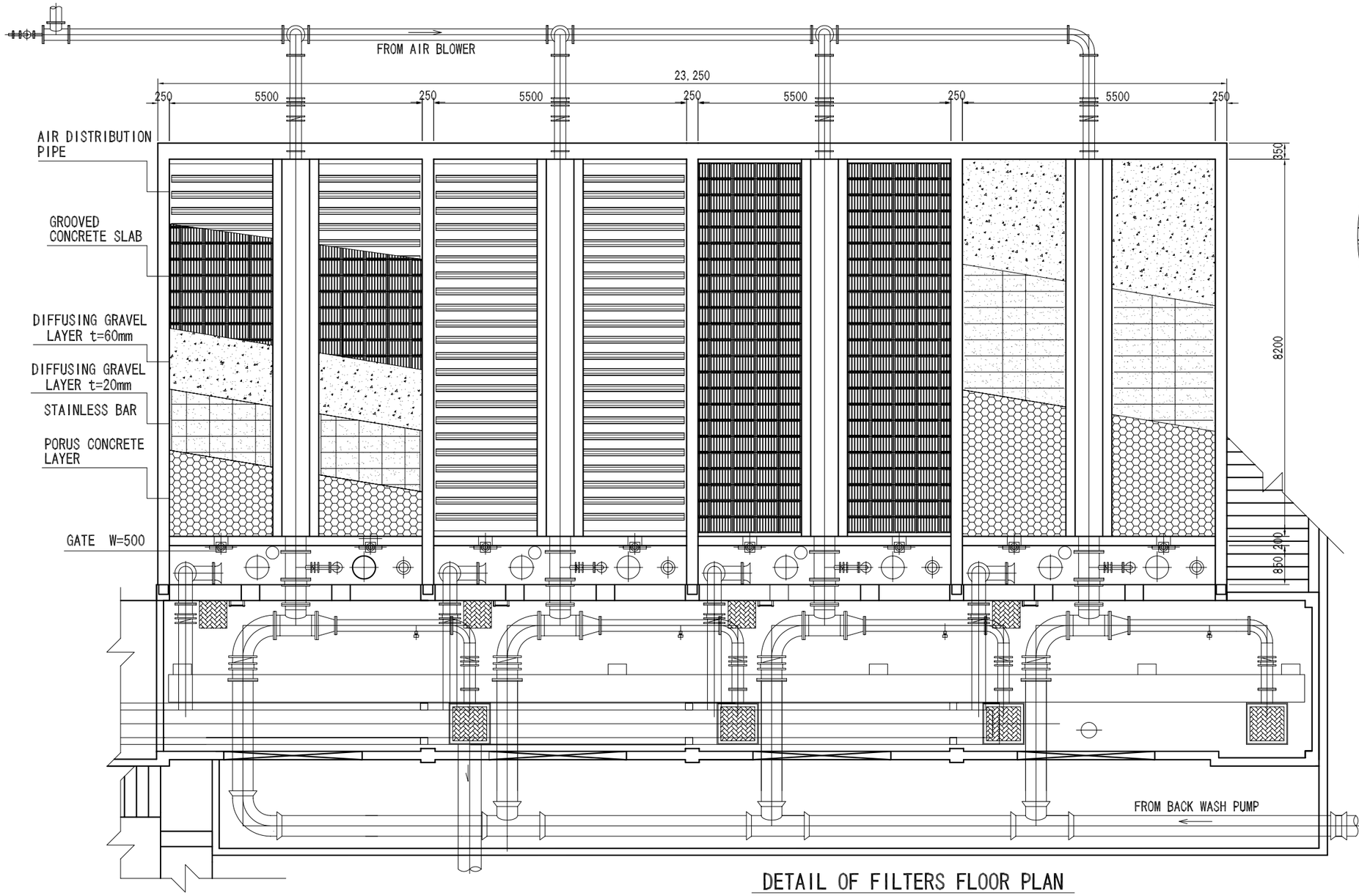
SCALE:	DRAWING NO.
NONE	図3-2-52

NIHON SUIDO CONSULTANTS CO., LTD.
TOKYO, JAPAN

APPROVED BY DATE

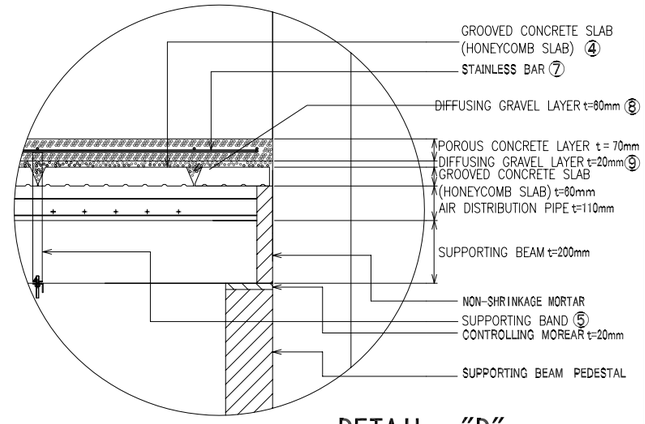
DESIGNED BY DATE

JAPAN INTERNATIONAL COOPERATION AGENCY



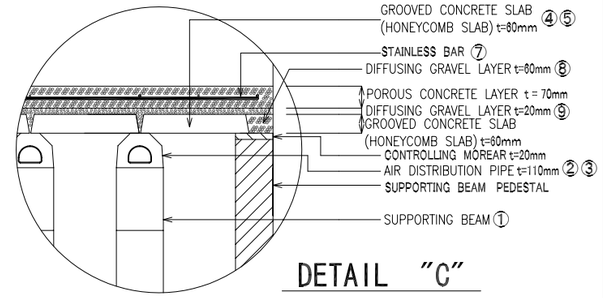
DETAIL OF FILTERS FLOOR PLAN

S=1 : 100



DETAIL "D"

S=1:20

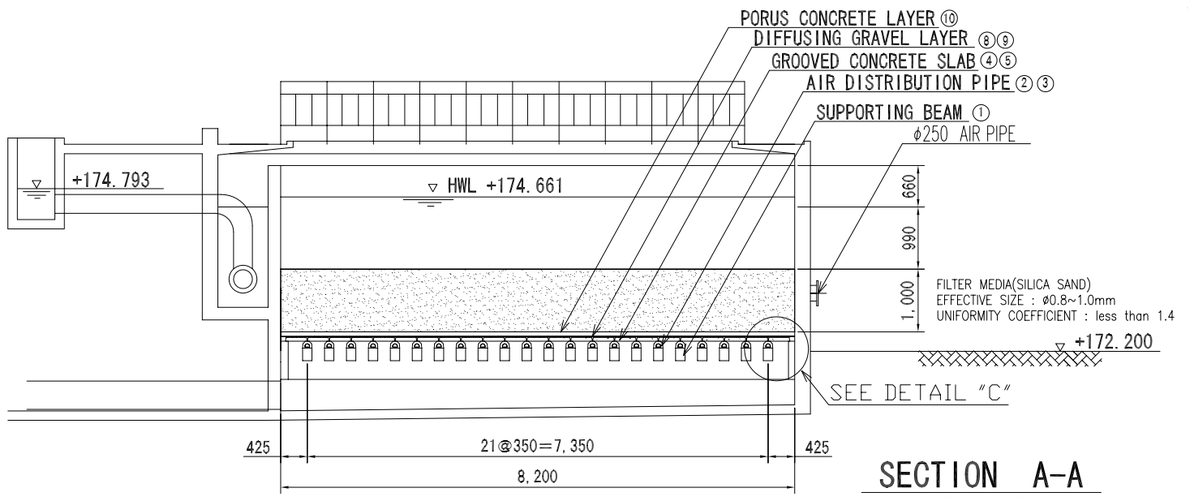


DETAIL "C"

S=1:20

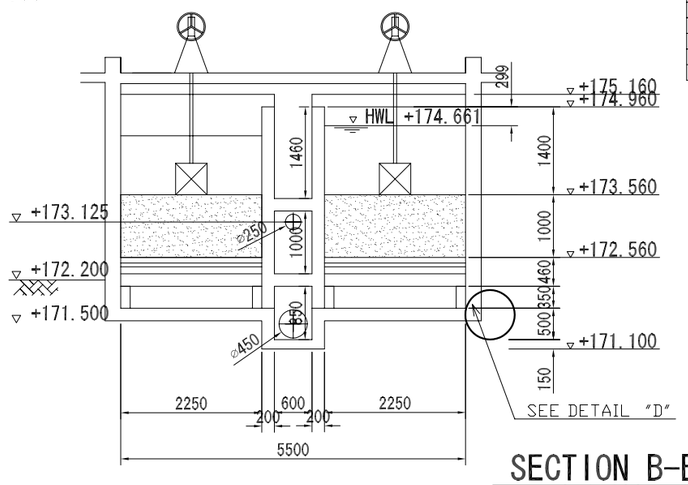
BILL OF QUANTITIES

No.	MATERIAL	SPECIFICATIOUS	1SET		ALL		
①	SUPPORTING BEAM	RC	44	PCS	176	PCS	
②	AIR DISTRIBUTION PIPE	RC (STANDARD)	88	PCS	352	PCS	
③	AIR DISTRIBUTION PIPE	RC (ADJUSTMENT)	44	PCS	176	PCS	
④	GROOVED CONCRETE SLAB	RC (STANDARD)	184	PCS	736	PCS	
⑤	GROOVED CONCRETE SLAB	RC (ADJUSTMENT)	46	PCS	184	PCS	
⑥	SUPPORTING BAND	SUS304	88	PCS	352	PCS	4SET
⑦	STAINLESS BAR	SUS304 ø8	100.8	KG	403.2	KG	
⑧	DIFFUSING GRAVEL LAYER	ø8~12	0.92	㎥	3.68	㎥	
⑨	DIFFUSING GRAVEL LAYER	ø6~8	0.74	㎥	2.96	㎥	
⑩	POROUS CONCRETE	PERCENTAGE OF VOID 15%~25%	2.58	㎥	10.32	㎥	



SECTION A-A

S=1:100



SECTION B-B

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Lao People's Democratic Republic
Ministry of Communication, Transport, Post and Construction

The Basic Design Study on
The Project for the Vientiane Water Supply Development in Lao People's Democratic Republic

TITLE:
カオリオ浄水場改修計画ろ過池改修(改修後)

SCALE: AS SHOWN

DRAWING NO. 図3-2-53

APPROVED BY DATE

DESIGNED BY DATE

NIHON SUIDO CONSULTANTS CO., LTD.
TOKYO, JAPAN

JAPAN INTERNATIONAL COOPERATION AGENCY