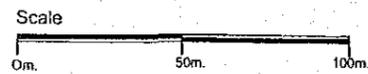


LEGEND

- 1- Preliminary Facility
Pumps, Screens, Grit Chamber
- 2- Primary Sedimentation Tank
- 3- Aeration Tank
- 4- Final Sedimentation Tank
- 5- Chlorine Contact Tank
- 6- Aerobic Sludge Digester
- 7- Sludge Thickener
- 8- Sludge Drying Sand Bed
- 9- Administration Building
- 10- Generator Building

- — Boundary
- First Stage
- Second/Third Stages

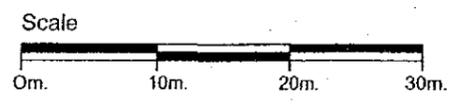
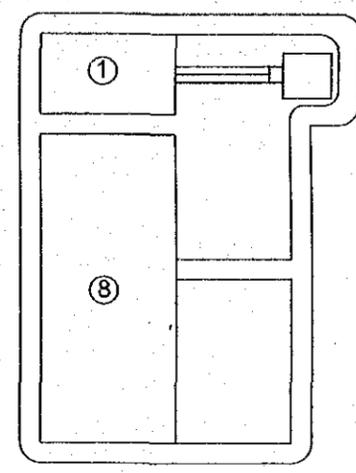
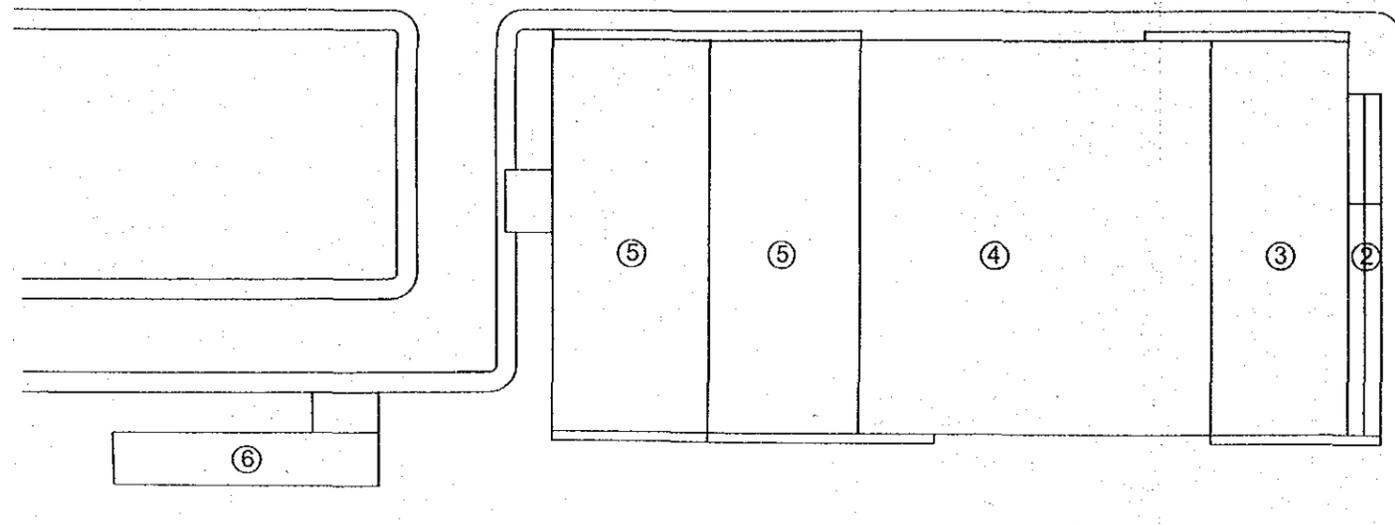
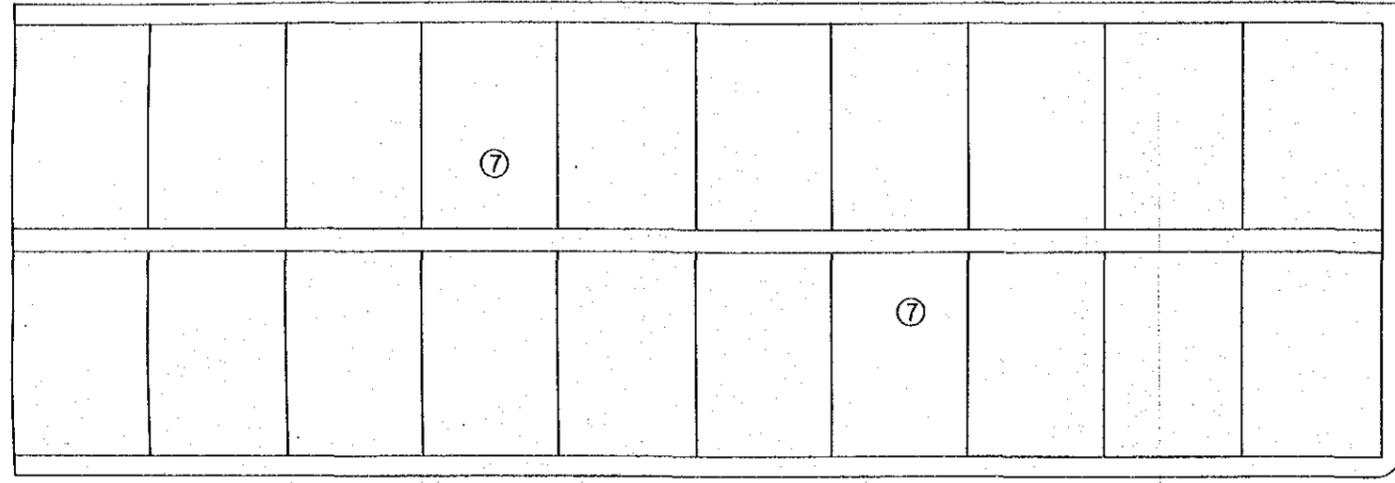


<p>ESTUDIO SOBRE EL MEJORAMIENTO DEL SISTEMA DE ALCANTARILLADO Y EL MEDIO AMBIENTE DE LA CIUDAD DE SANTIAGO</p>	<p>TITULO Plano de la Planta de Tratamiento Aguas Residuales, Rafey</p>
<p>JAPAN INTERNATIONAL COOPERATION AGENCY</p>	



LEGEND

- 1- Influent Pumping Station, Generator Building
- 2- Screen, Grit Chamber
- 3- Primary Sedimentation Tank
- 4- Aeration Tank
- 5- Final Sedimentation Tank
- 6- Chlorine Contact Tank
- 7- Sludge Drying Sand Bed
- 8- Administration Building

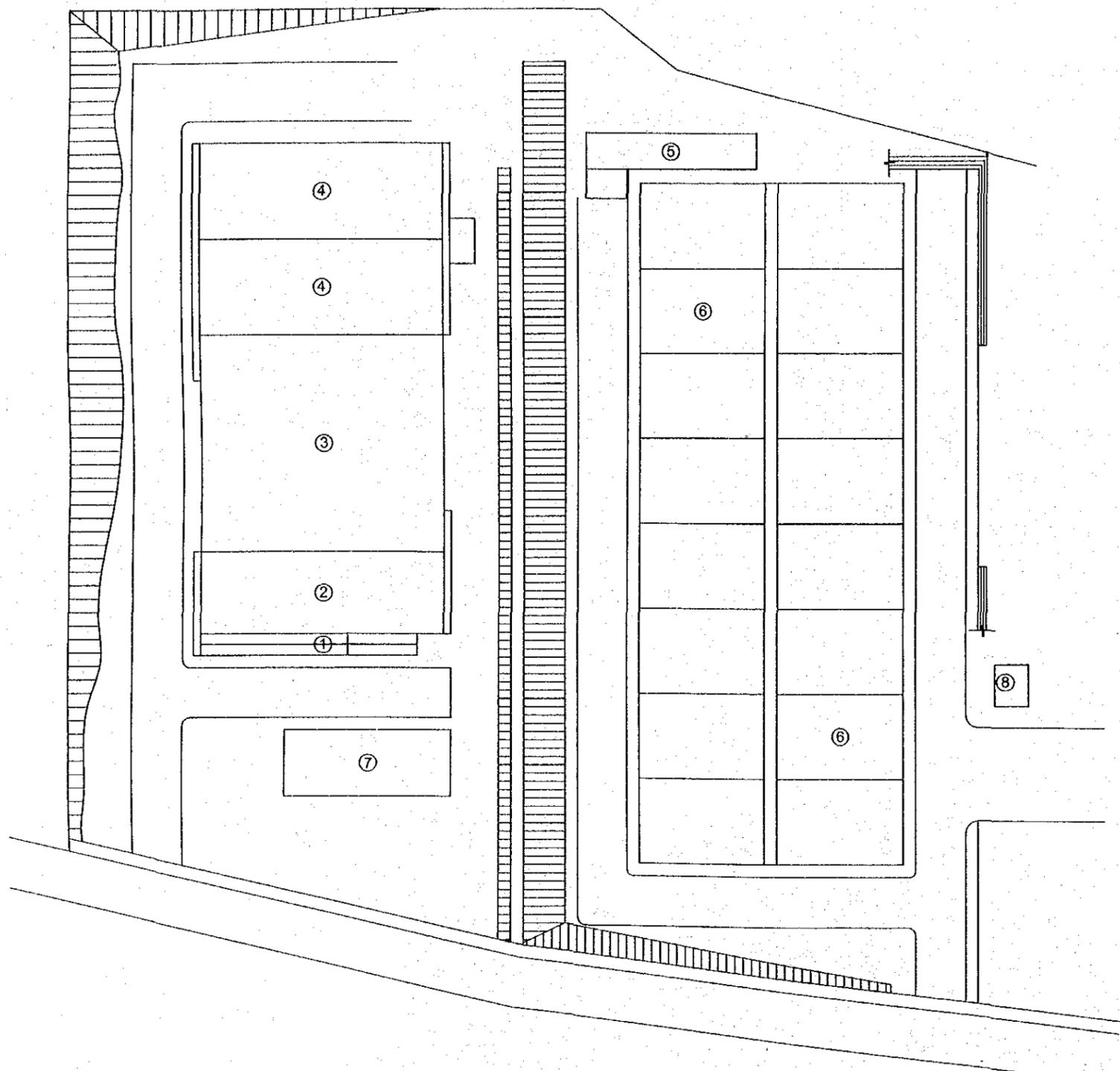


ESTUDIO SOBRE EL MEJORAMIENTO
DEL SISTEMA DE ALCANTARILLADO
Y EL MEDIO AMBIENTE
DE LA CIUDAD DE SANTIAGO

JAPAN INTERNATIONAL COOPERATION AGENCY

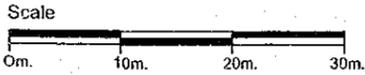
TITULO

Plano de la Planta de Tratamiento Aguas Residuales,
Cienfuegos



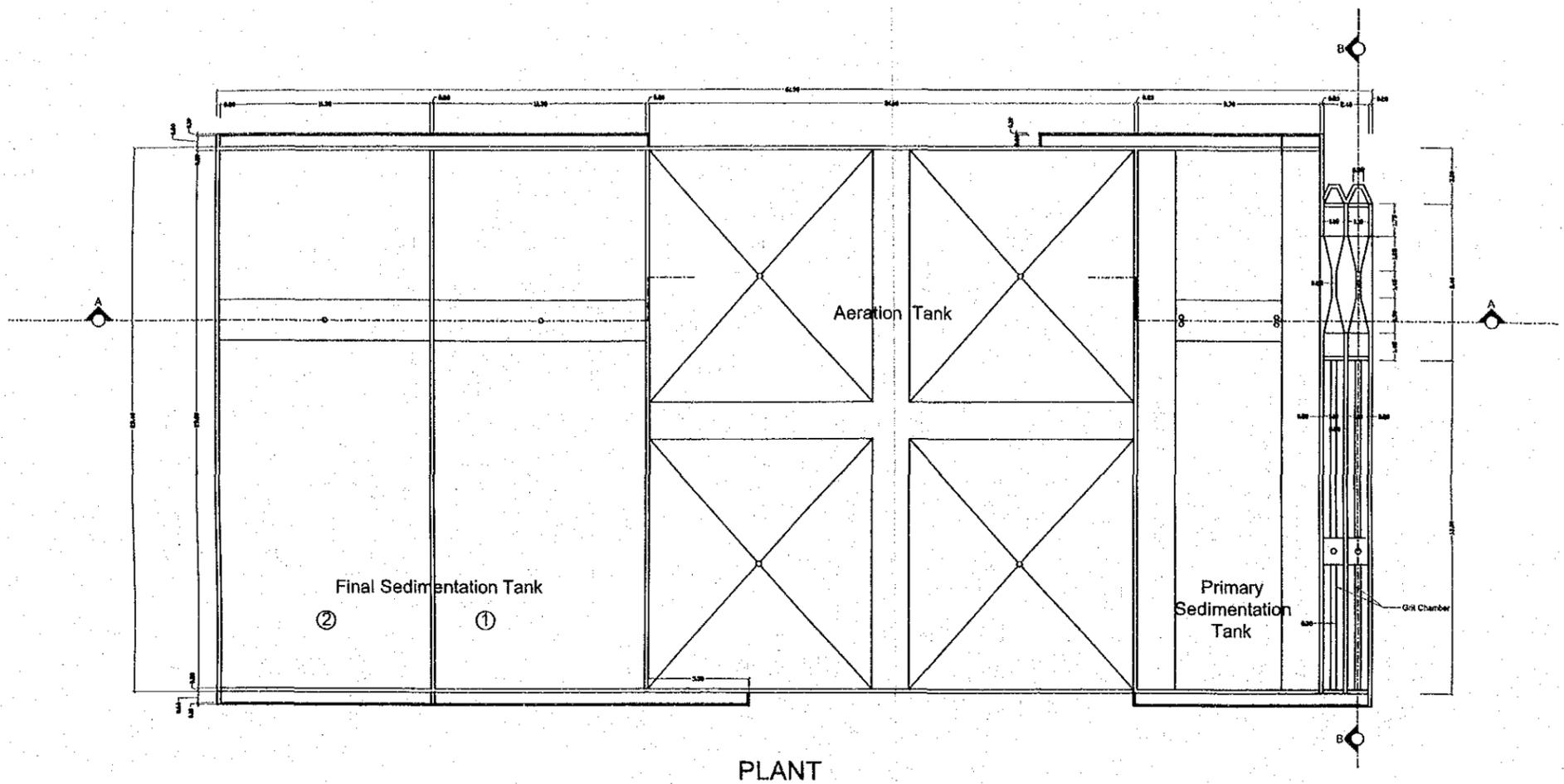
LEGEND

- 1- Screen, Grit Chamber
- 2- Primary Sedimentation Tank
- 3- Aeration Tank
- 4- Final Sedimentation Tank
- 5- Chlorine Contact Tank
- 6- Sludge Drying Sand Bed
- 7- Administration Building
- 8- Generator Building

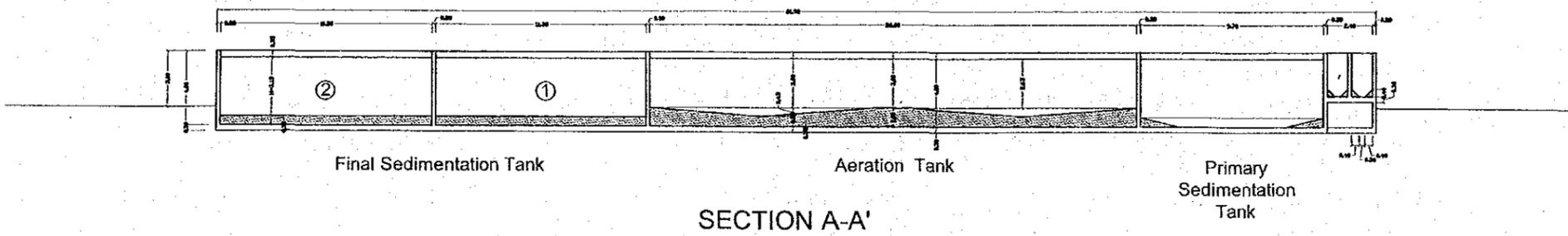


ESTUDIO SOBRE EL MEJORAMIENTO
DEL SISTEMA DE ALCANTARILLADO
Y EL MEDIO AMBIENTE
DE LA CIUDAD DE SANTIAGO
JAPAN INTERNATIONAL COOPERATION AGENCY

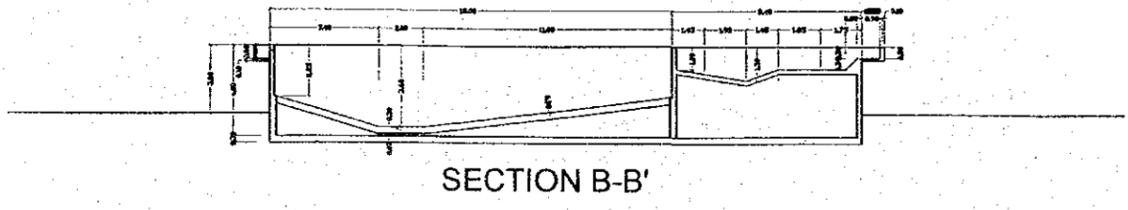
TITULO
Plano de la Planta de Tratamiento Aguas Residuales,
Los Salados



PLANT

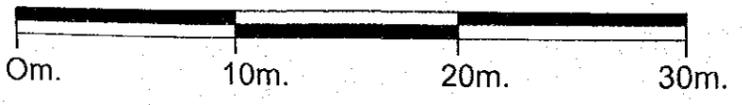


SECTION A-A'



SECTION B-B'

Scale

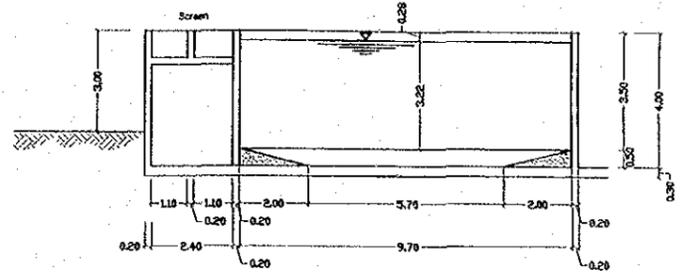
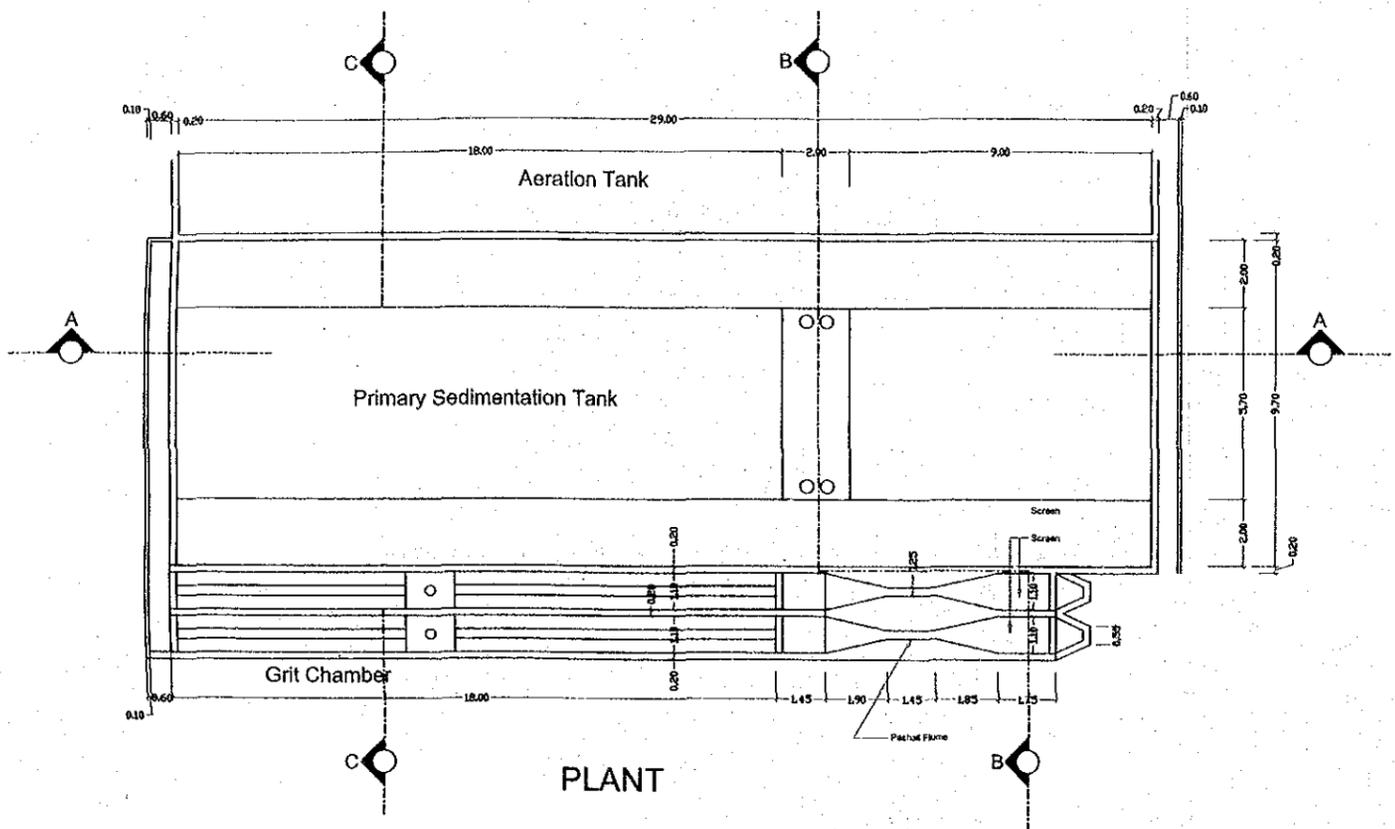


ESTUDIO SOBRE EL MEJORAMIENTO
DEL SISTEMA DE ALCANTARILLADO
Y EL MEDIO AMBIENTE
DE LA CIUDAD DE SANTIAGO

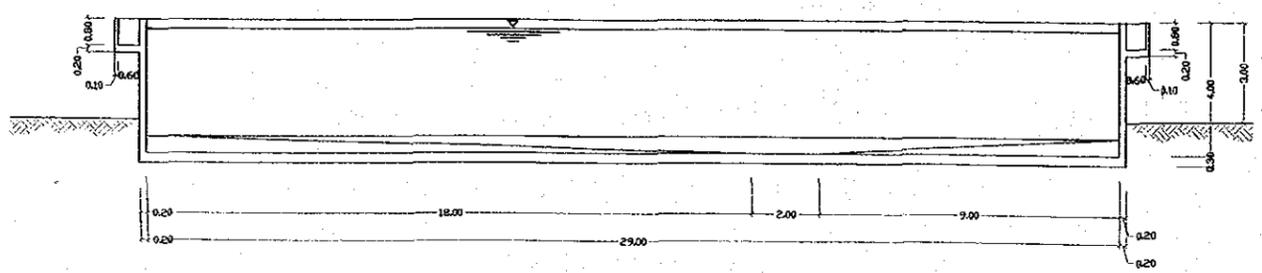
JAPAN INTERNATIONAL COOPERATION AGENCY

TITULO

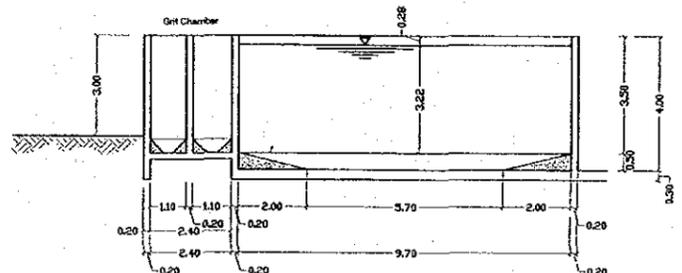
Facilidades de la Planta de Tratamiento Aguas Residuales,
Cienfuegos/Los Salados



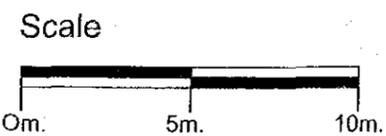
SECTION B-B'



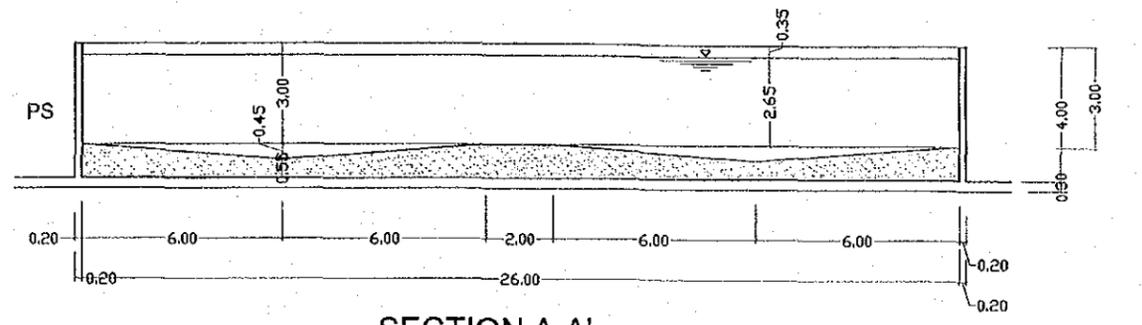
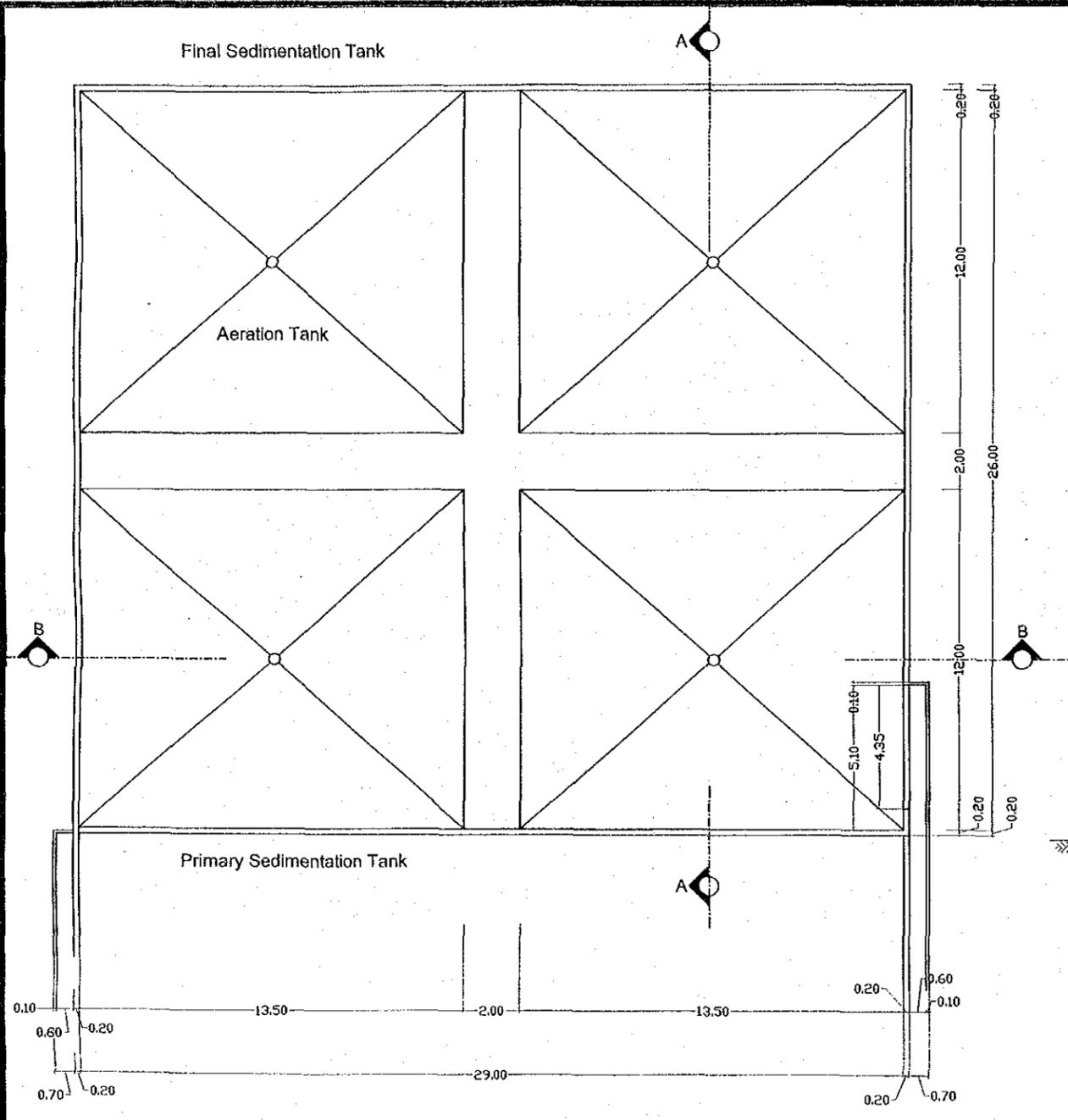
SECTION A-A'



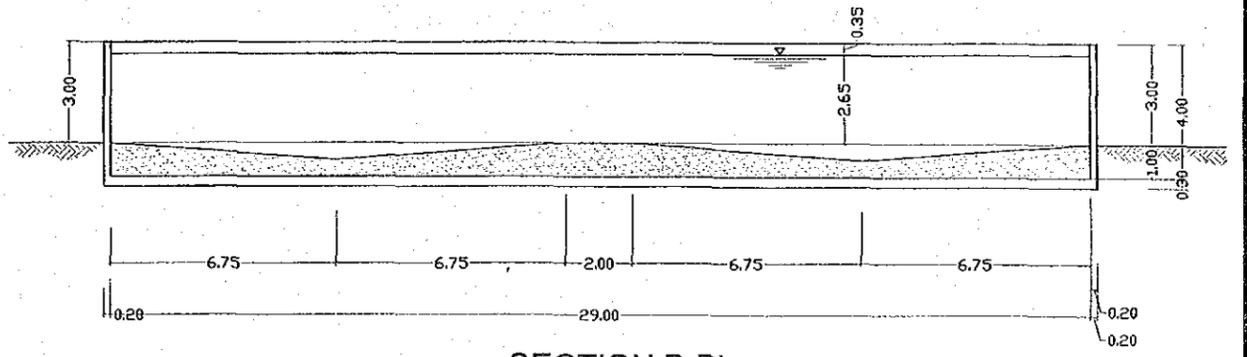
SECTION C-C'



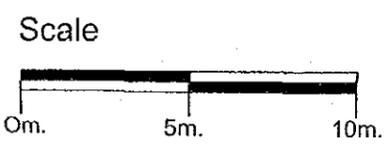
<p>ESTUDIO SOBRE EL MEJORAMIENTO DEL SISTEMA DE ALCANTARILLADO Y EL MEDIO AMBIENTE DE LA CIUDAD DE SANTIAGO</p>	<p>TITULO Configuracion del Sedimentador Primario, Cienfuegos/Los Salados</p>
<p>JAPAN INTERNATIONAL COOPERATION AGENCY</p>	



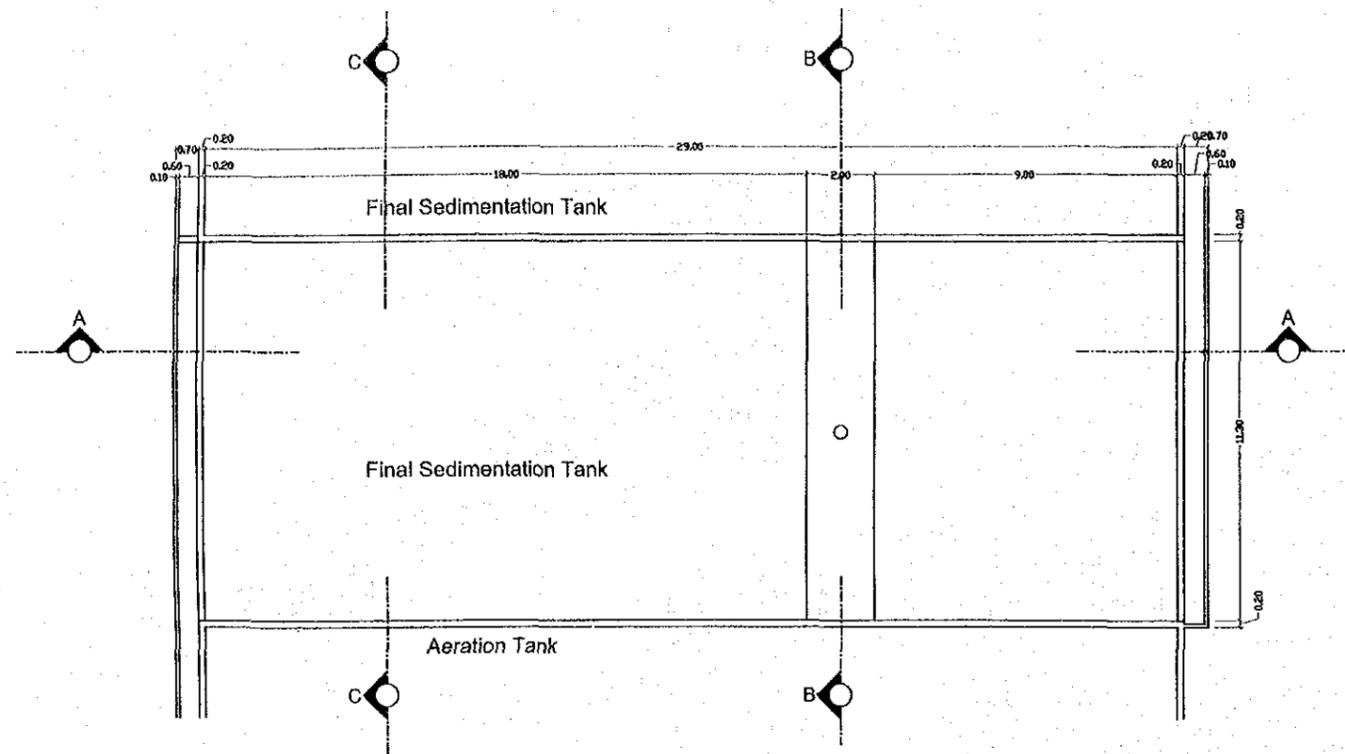
SECTION A-A'



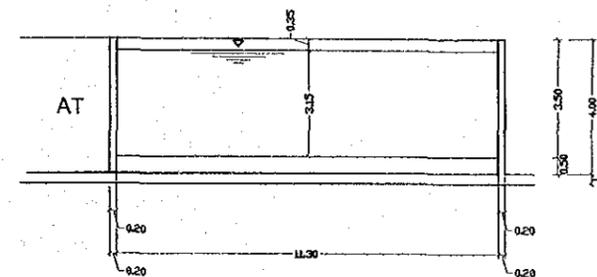
SECTION B-B'



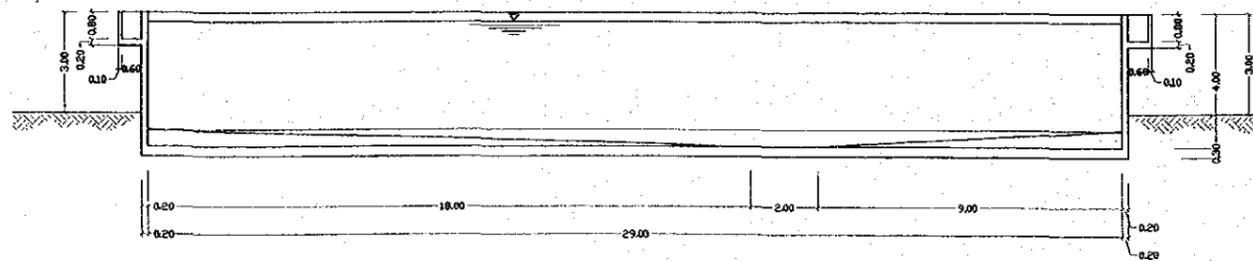
<p>ESTUDIO SOBRE EL MEJORAMIENTO DEL SISTEMA DE ALCANTARILLADO Y EL MEDIO AMBIENTE DE LA CIUDAD DE SANTIAGO</p>	<p>TITULO Configuracion del Tanque de Aeracion, Cienfuegos/Los Salados</p>
<p>JAPAN INTERNATIONAL COOPERATION AGENCY</p>	



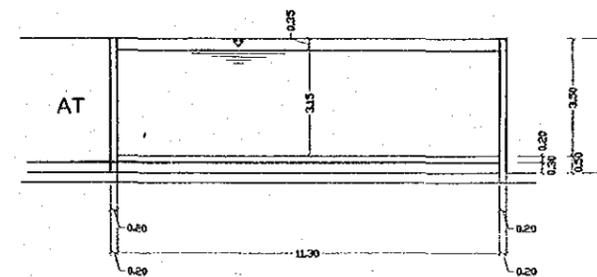
PLAN



SECTION B-B'



SECTION A-A'



SECTION B-B'

Scale

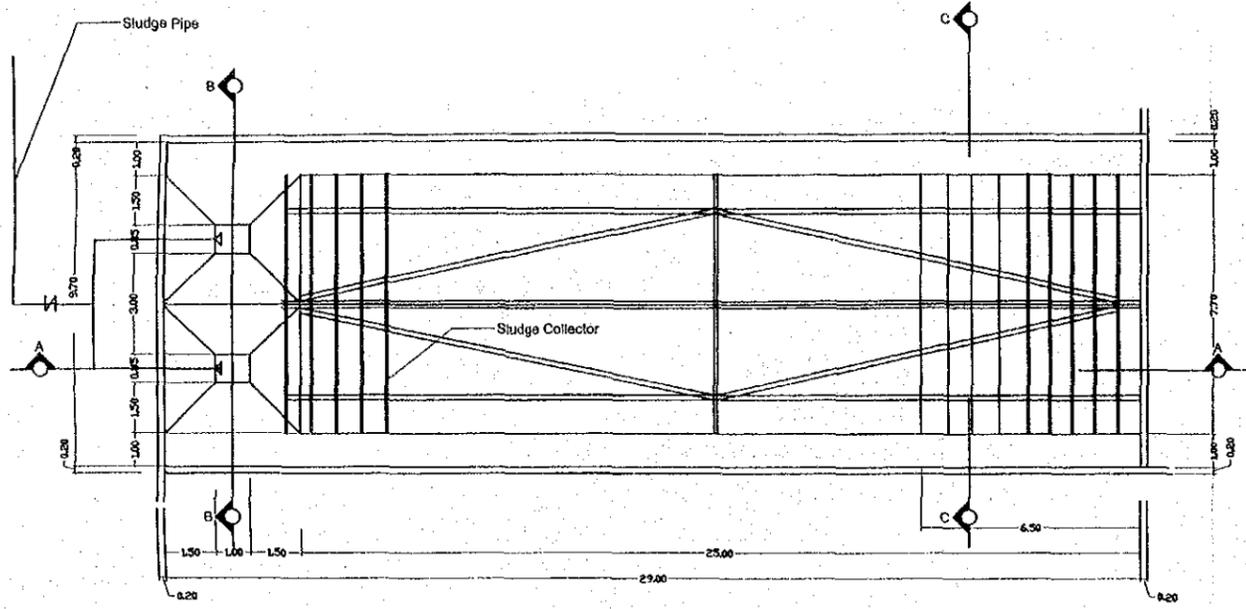


ESTUDIO SOBRE EL MEJORAMIENTO
DEL SISTEMA DE ALCANTARILLADO
Y EL MEDIO AMBIENTE
DE LA CIUDAD DE SANTIAGO

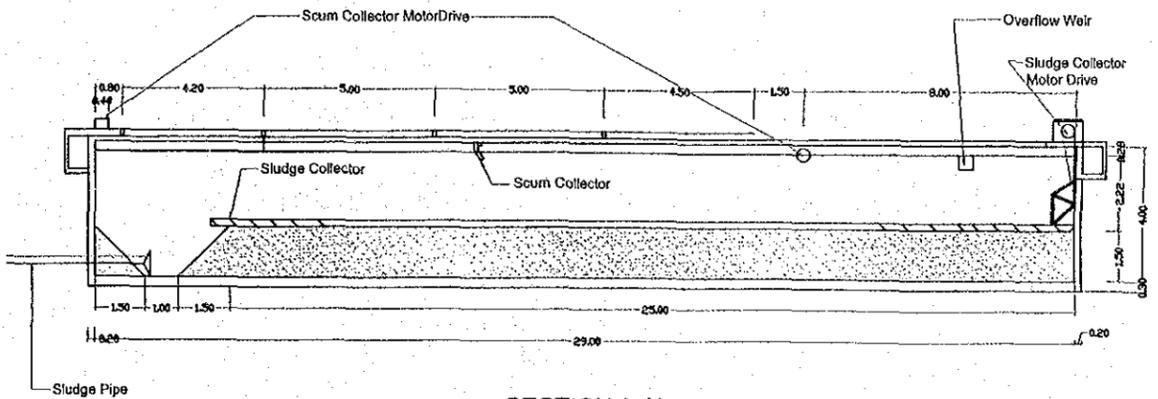
TITULO

Configuracion del Sedimentador Secundario,
Cienfuegos/Los Salados

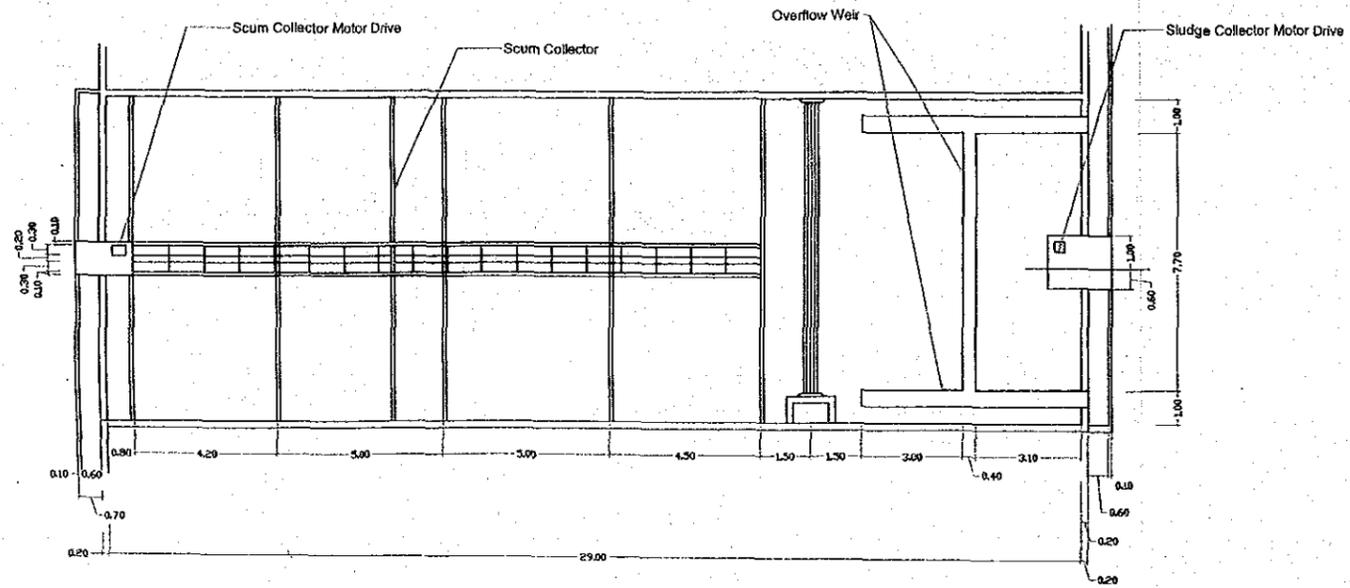
JAPAN INTERNATIONAL COOPERATION AGENCY



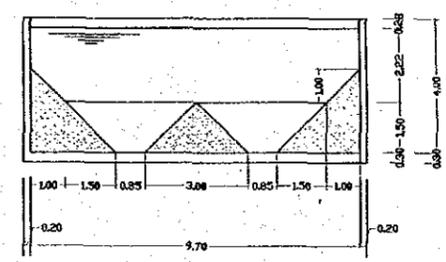
PLAN 1-1



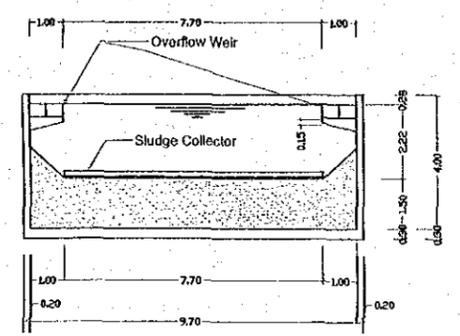
SECTION A-A'



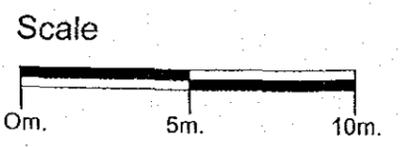
PLAN 2-2



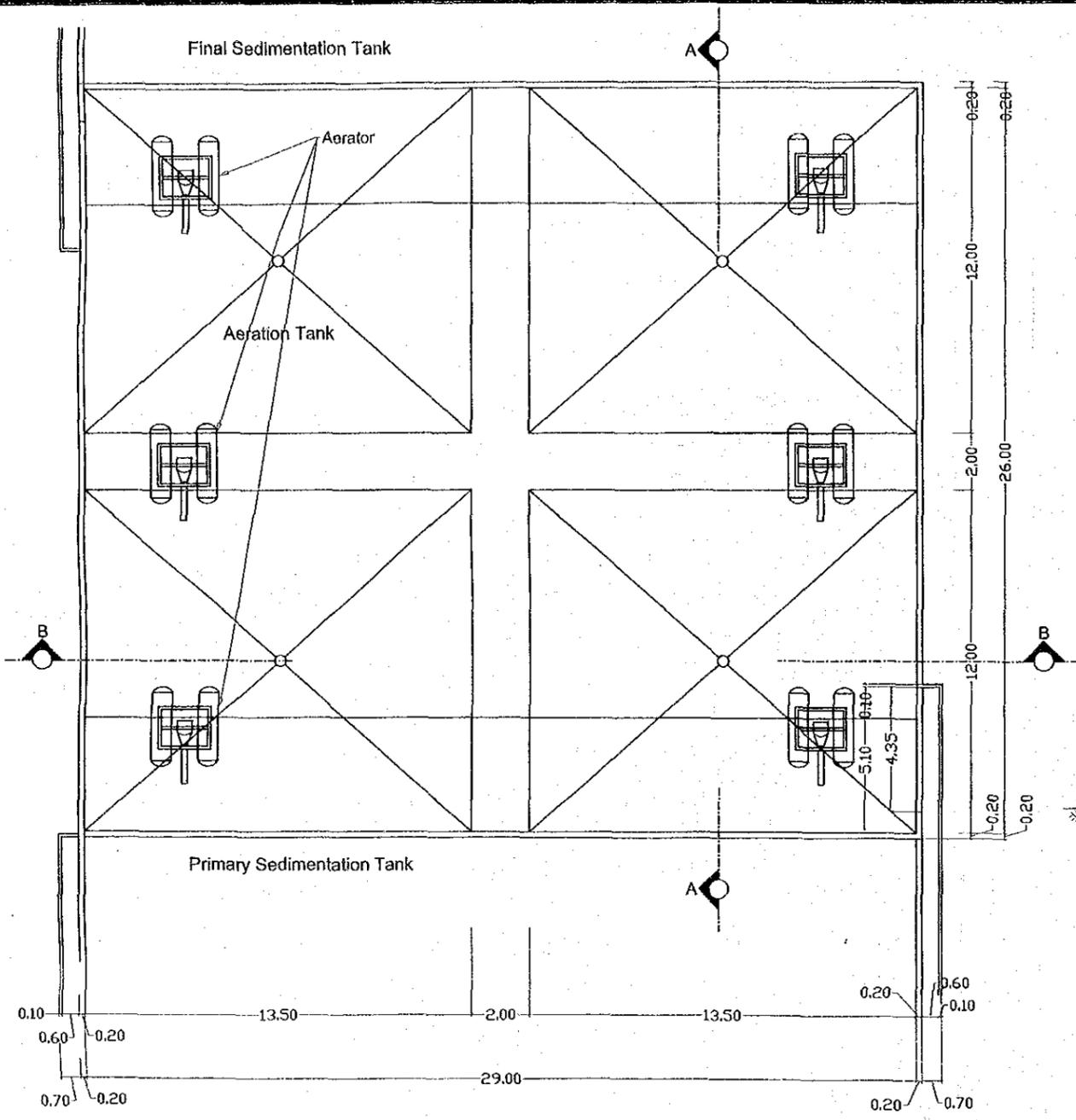
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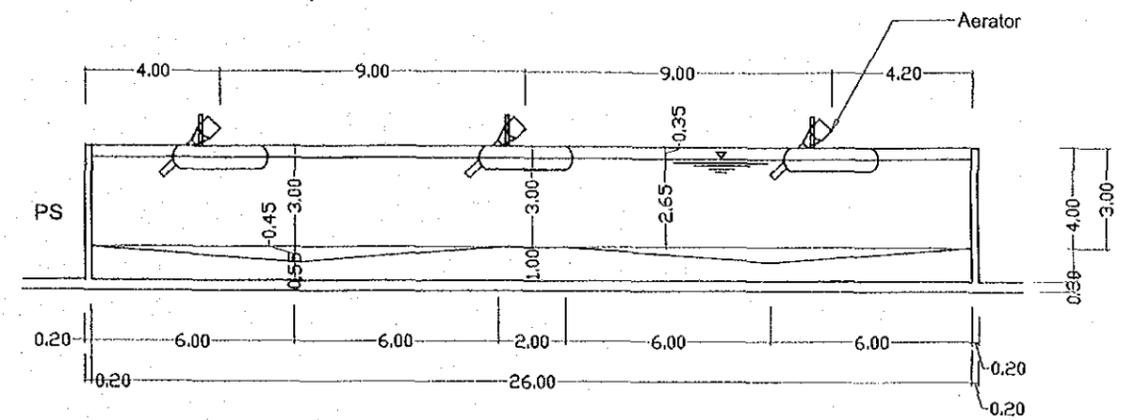
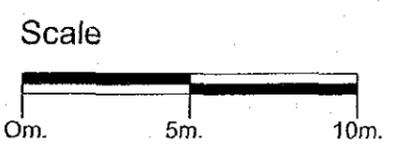
SECTION C-C'



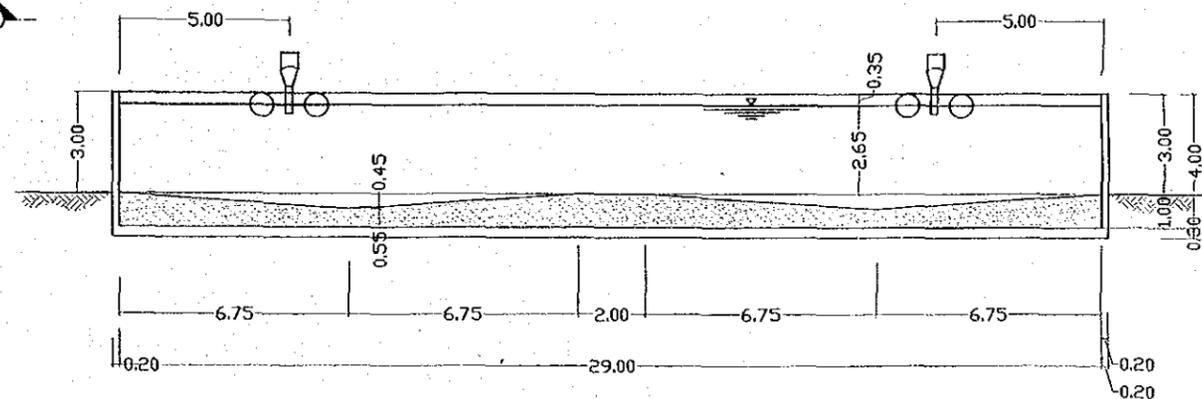
<p>ESTUDIO SOBRE EL MEJORAMIENTO DEL SISTEMA DE ALCANTARILLADO Y EL MEDIO AMBIENTE DE LA CIUDAD DE SANTIAGO</p>	<p>TITULO Rehabilitacion del Sedimentador Primario, Cienfuegos/Los Salados</p>
<p>JAPAN INTERNATIONAL COOPERATION AGENCY</p>	



PLAN

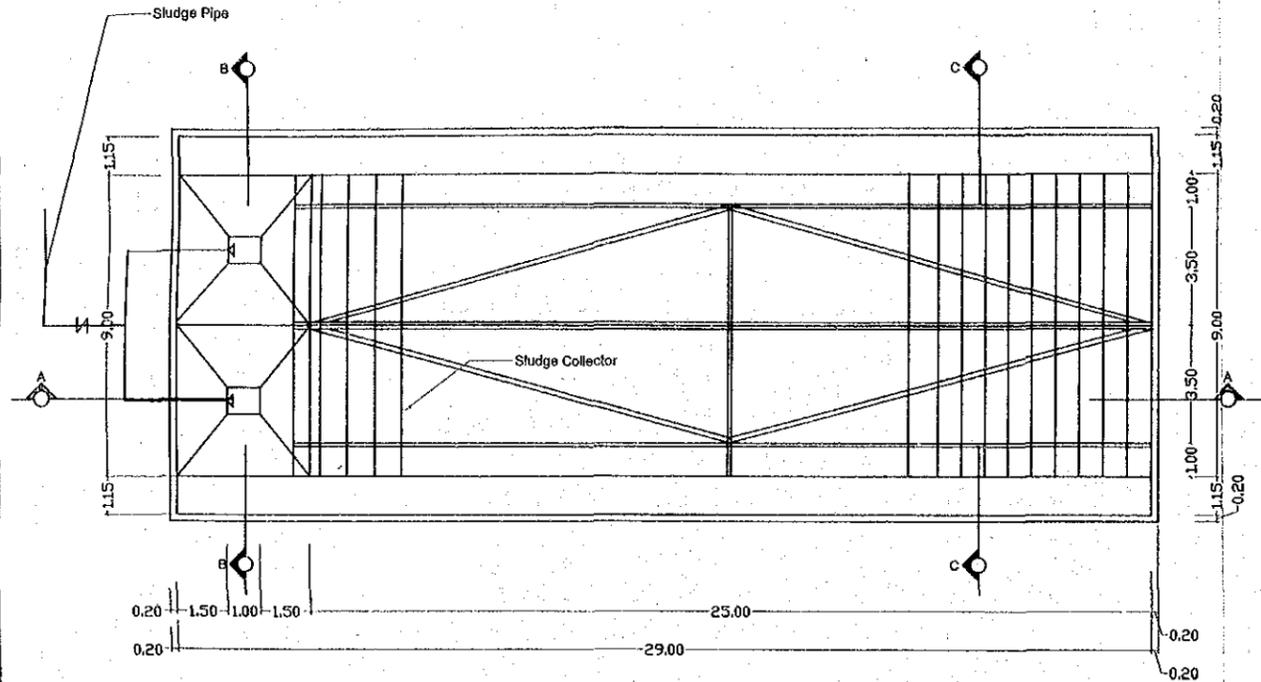


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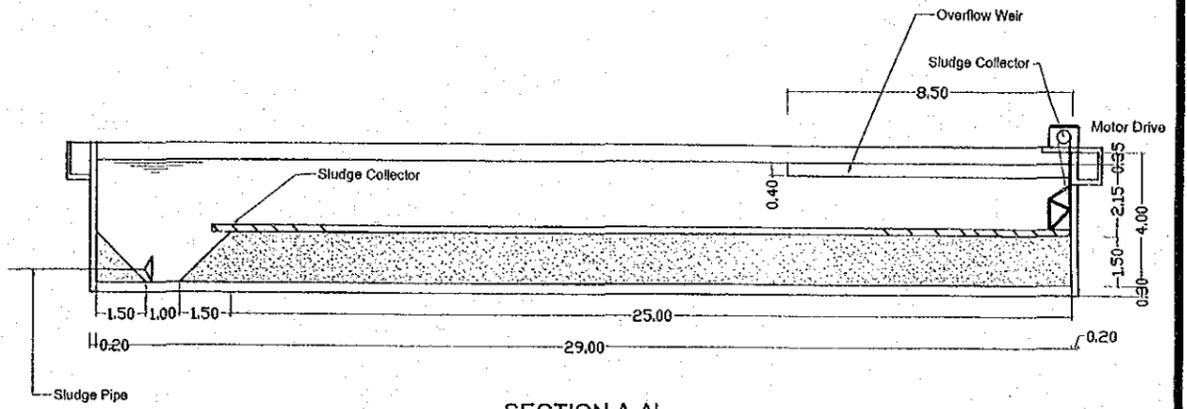


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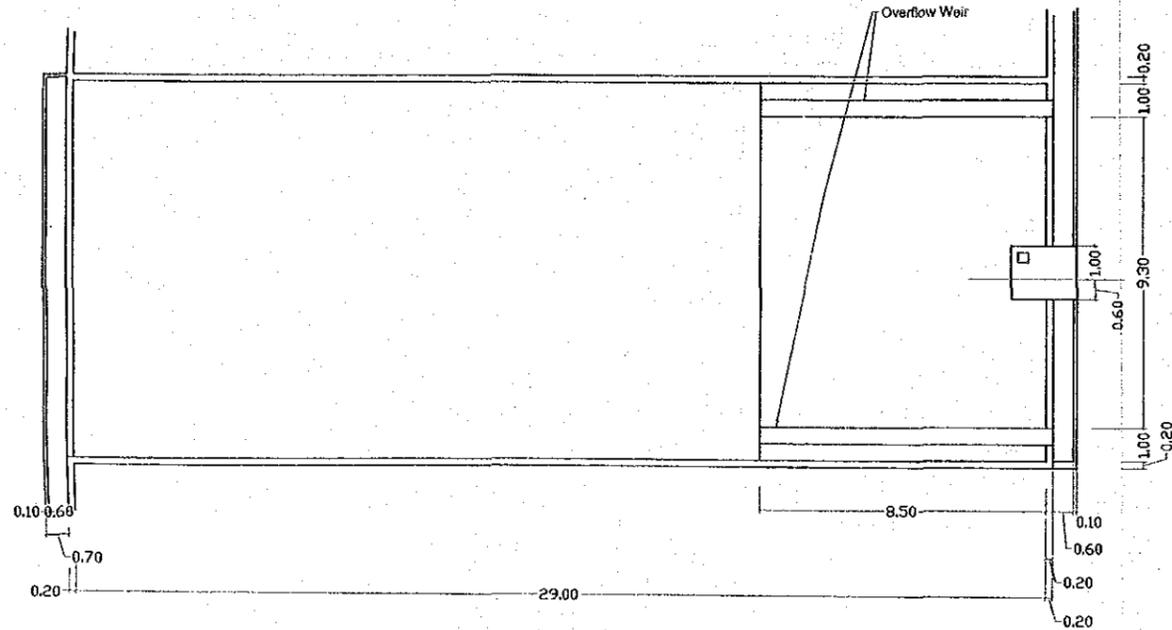
<p>ESTUDIO SOBRE EL MEJORAMIENTO DEL SISTEMA DE ALCANTARILLADO Y EL MEDIO AMBIENTE DE LA CIUDAD DE SANTIAGO</p>	<p>TITULO Rehabilitacion del Tanque de Aeracion, Cienfuegos/Los Salados</p>
<p>JAPAN INTERNATIONAL COOPERATION AGENCY</p>	



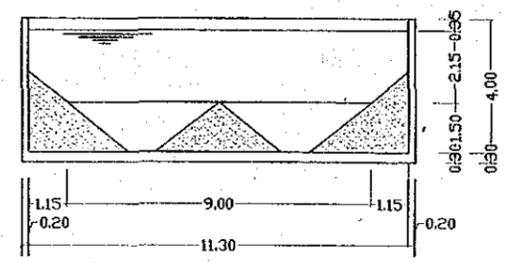
PLAN 1-1



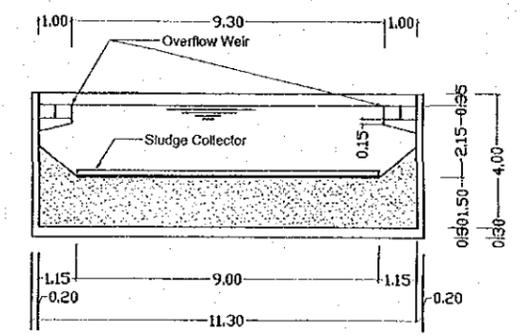
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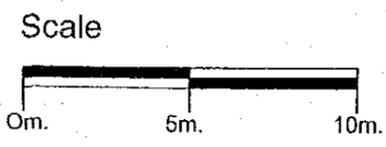
PLAN 2-2



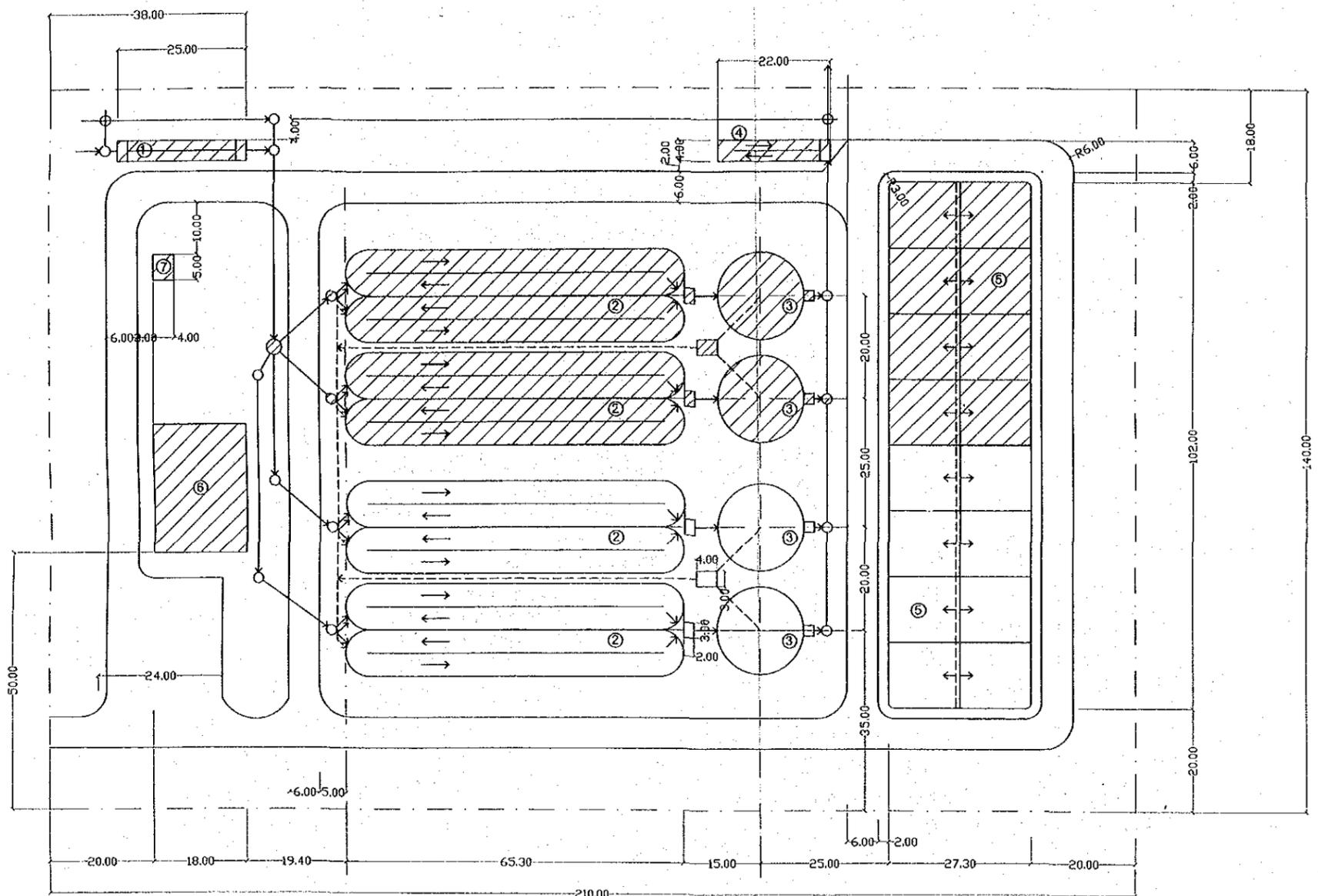
SECTION B-B'



SECTION C-C'



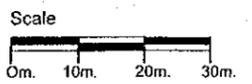
<p>ESTUDIO SOBRE EL MEJORAMIENTO DEL SISTEMA DE ALCANTARILLADO Y EL MEDIO AMBIENTE DE LA CIUDAD DE SANTIAGO</p> <p>JAPAN INTERNATIONAL COOPERATION AGENCY</p>	<p>TITULO</p> <p>Rehabilitacion del Sedimentador Secundario, Cienfuegos/Los Salados</p>
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LEGEND

- 1- Screen, Grit Chamber
- 2- Oxidation Ditches
- 3- Final Sedimentation Tank
- 4- Chlorine Contact Tank
- 5- Sludge Drying Sand Bed
- 6- Administration Building
- 7- Generator Building

- Liquid Flow
- Sludge Flow
- First Stage Implementation

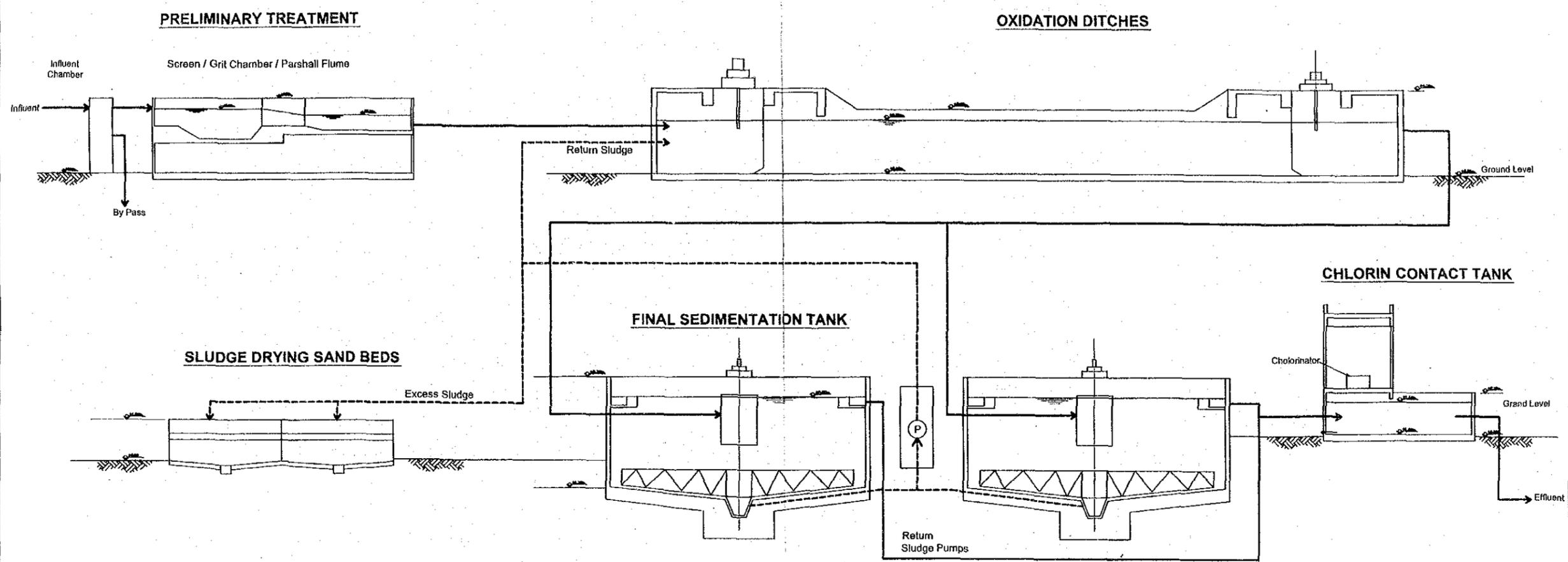


ESTUDIO SOBRE EL MEJORAMIENTO
DEL SISTEMA DE ALCANTARILLADO
Y EL MEDIO AMBIENTE
DE LA CIUDAD DE SANTIAGO

JAPAN INTERNATIONAL COOPERATION AGENCY

TITULO

Plano de la Planta de Tratamiento Aguas Residuales,
Zona Sur

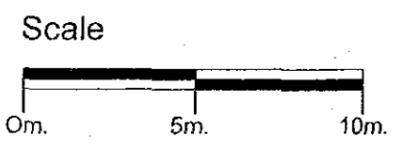
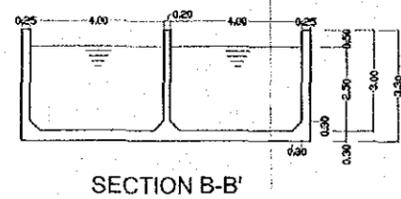
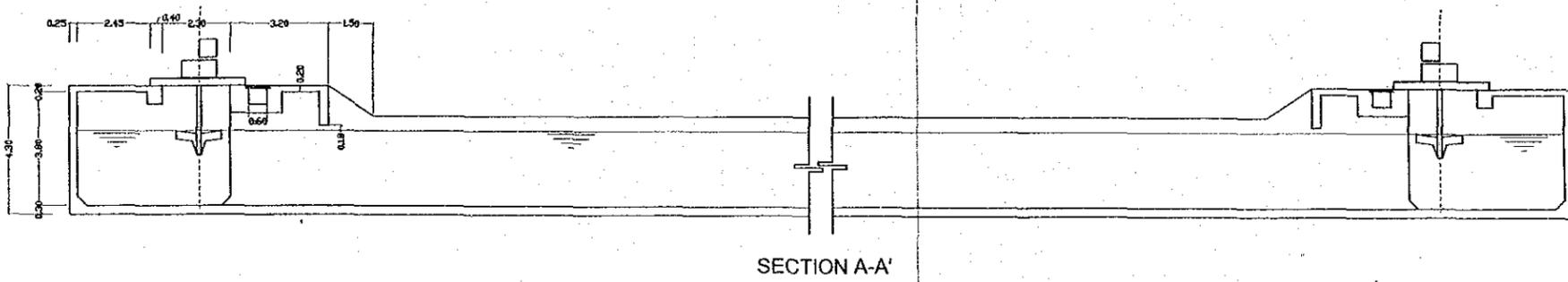
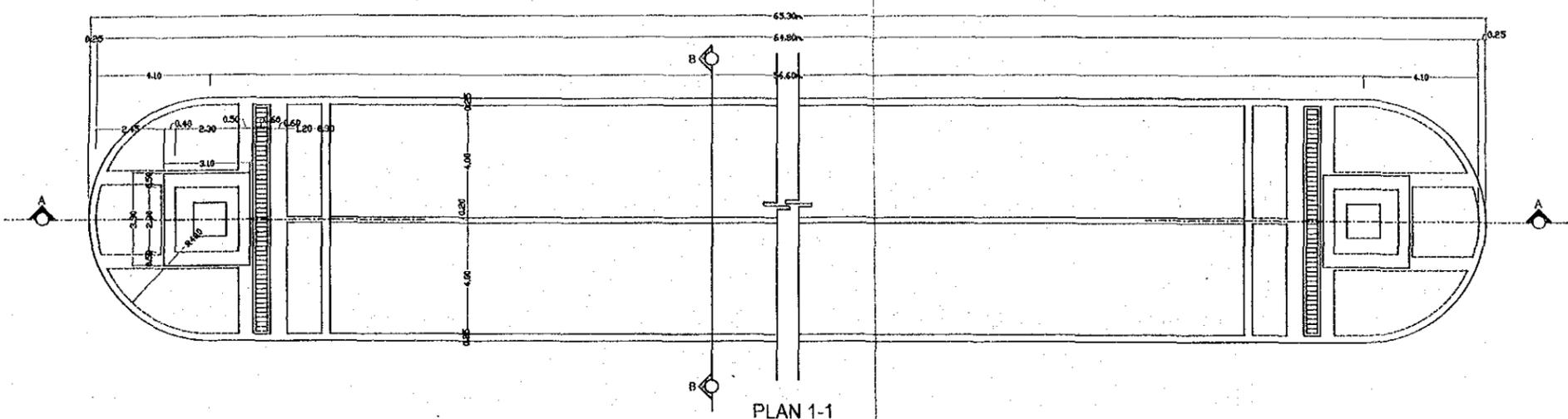


LEGEND

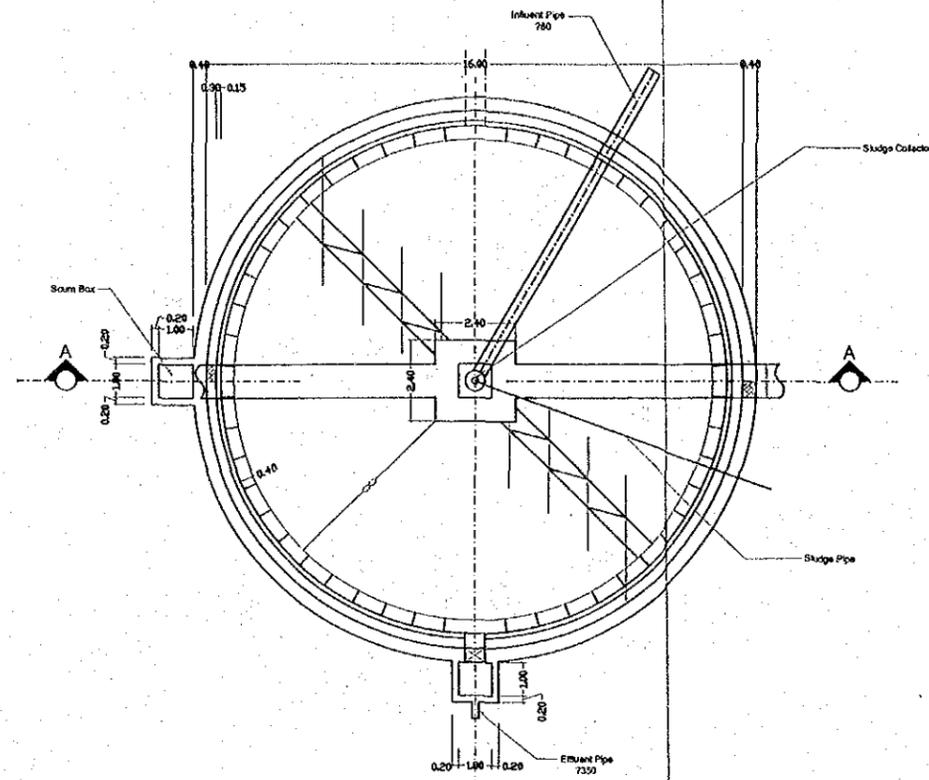
—————> Wastewater Flow

- - - - -> Sludge Flow

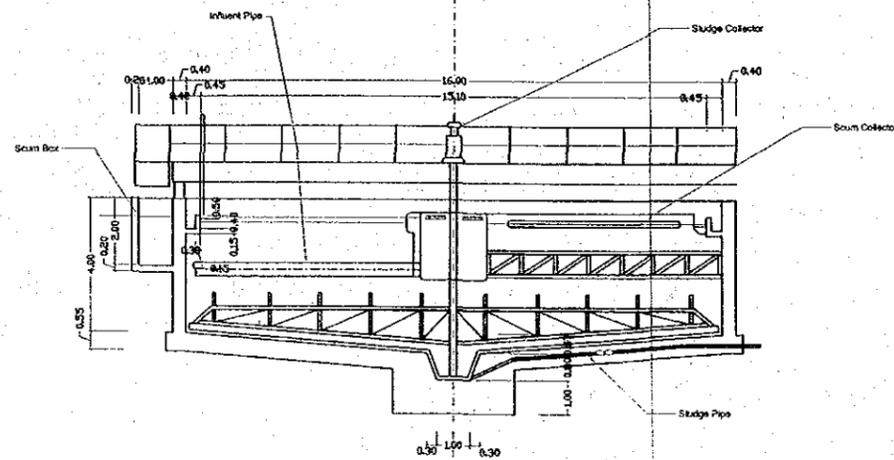
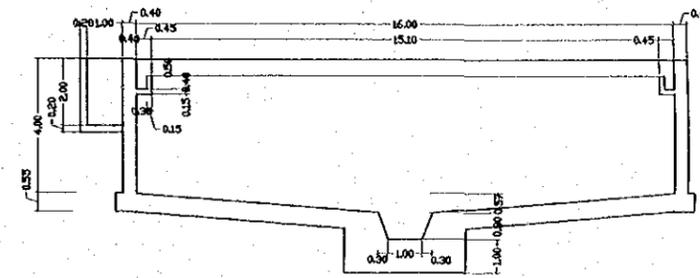
<p>ESTUDIO SOBRE EL MEJORAMIENTO DEL SISTEMA DE ALCANTARILLADO Y EL MEDIO AMBIENTE DE LA CIUDAD DE SANTIAGO</p>	<p>TITULO</p> <p>Perfil Hidraulico de la Planta de Tratamiento Aguas Residuales, Zona Sur</p>
<p>JAPAN INTERNATIONAL COOPERATION AGENCY</p>	



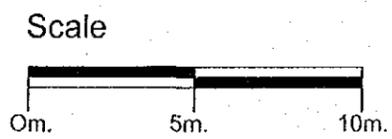
<p>ESTUDIO SOBRE EL MEJORAMIENTO DEL SISTEMA DE ALCANTARILLADO Y EL MEDIO AMBIENTE DE LA CIUDAD DE SANTIAGO</p>	<p>TITULO Configuracion de la Fosa de Oxidacion, Zona Sur</p>
<p>JAPAN INTERNATIONAL COOPERATION AGENCY</p>	



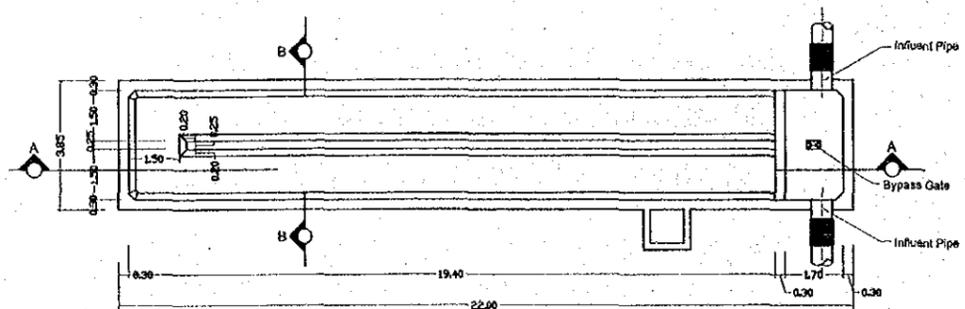
PLAN 1-1



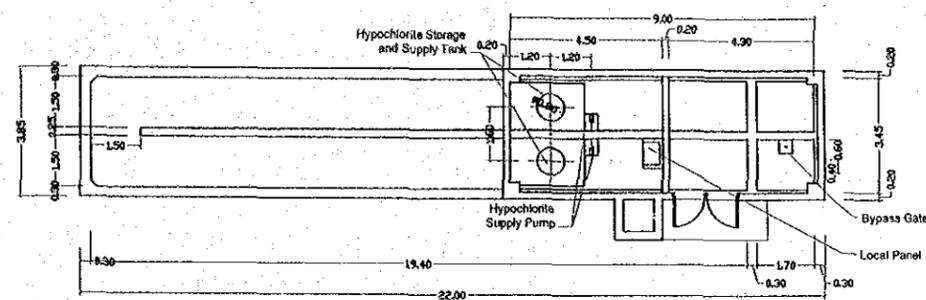
SECTION A-A'



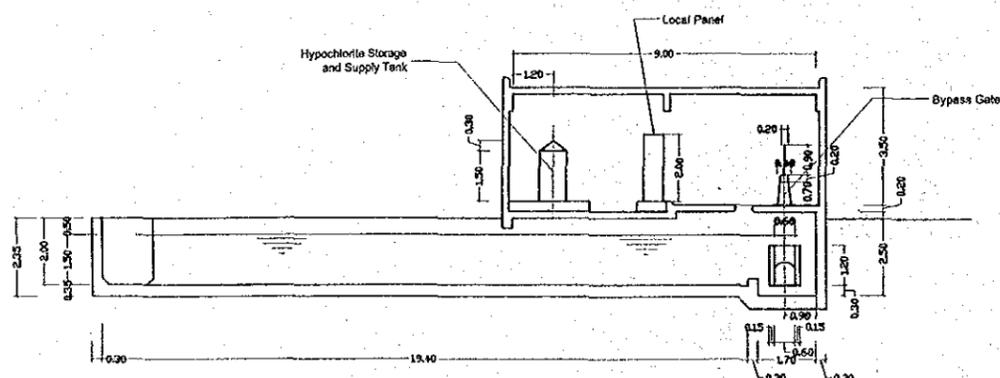
<p>ESTUDIO SOBRE EL MEJORAMIENTO DEL SISTEMA DE ALCANTARILLADO Y EL MEDIO AMBIENTE DE LA CIUDAD DE SANTIAGO</p>	<p>TITULO Configuracion del Sedimentador Secundario, Zona Sur</p>
<p>JAPAN INTERNATIONAL COOPERATION AGENCY</p>	



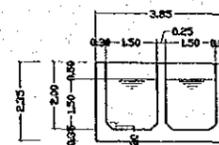
PLANT 1-1'



PLANT 2-2'

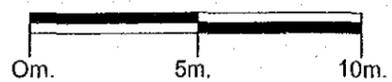


SECTION A-A'



SECTION B-B'

Scale

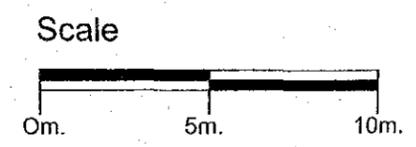
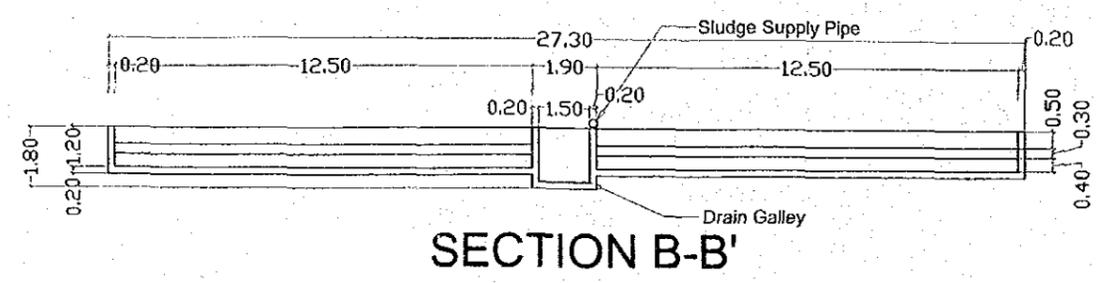
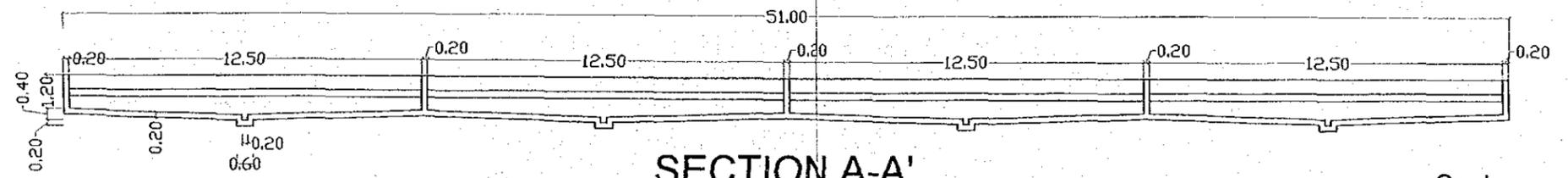
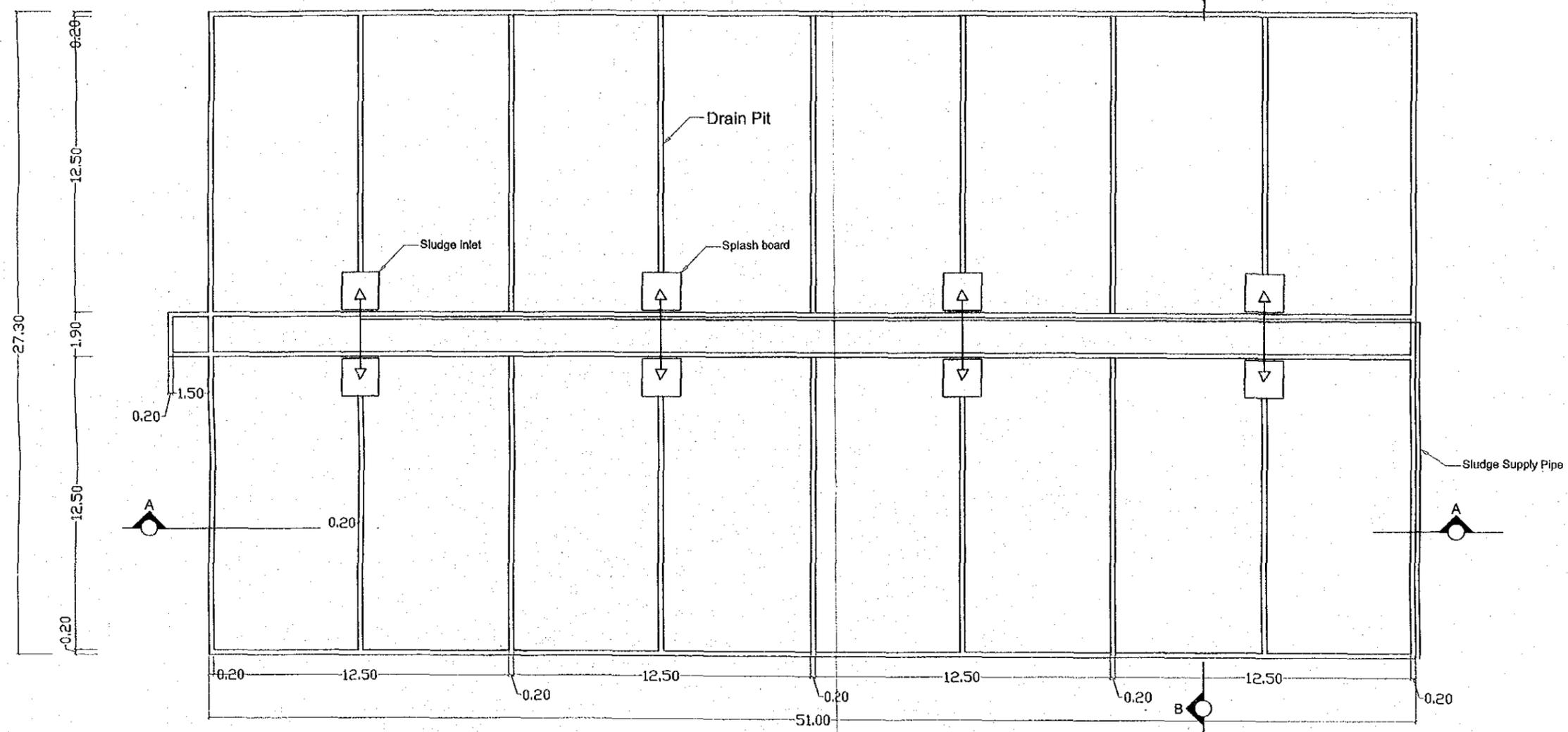


ESTUDIO SOBRE EL MEJORAMIENTO
DEL SISTEMA DE ALCANTARILLADO
Y EL MEDIO AMBIENTE
DE LA CIUDAD DE SANTIAGO

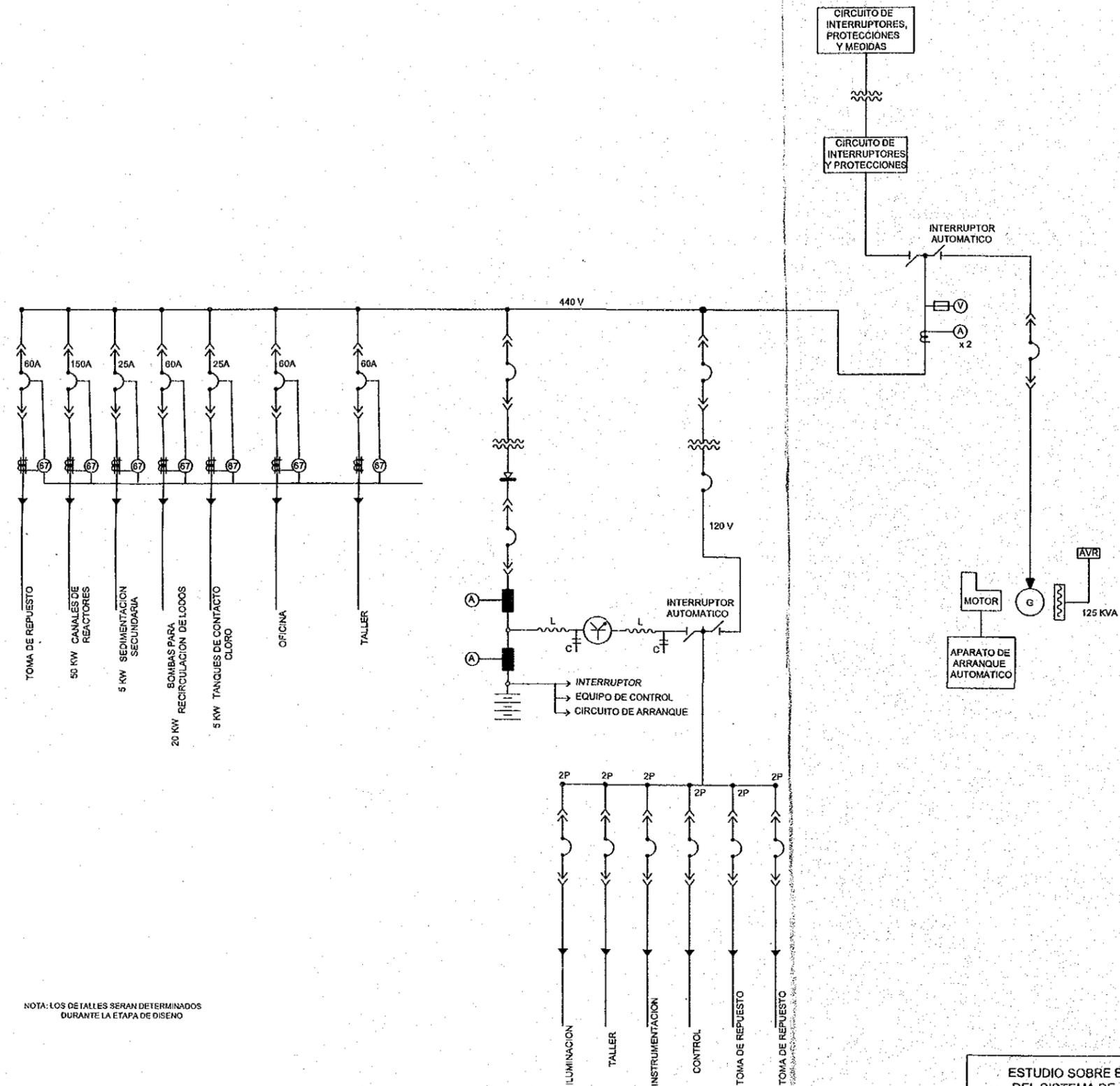
JAPAN INTERNATIONAL COOPERATION AGENCY

TITULO

Configuracion del Tanque de Chlorinacion, Zona Sur



<p>ESTUDIO SOBRE EL MEJORAMIENTO DEL SISTEMA DE ALCANTARILLADO Y EL MEDIO AMBIENTE DE LA CIUDAD DE SANTIAGO</p>	<p>TITULO Configuracion del Lecho Secado, Zona Sur</p>
<p>JAPAN INTERNATIONAL COOPERATION AGENCY</p>	



NOTA: LOS DE TALLES SERAN DETERMINADOS DURANTE LA ETAPA DE DISENO

LEGEND	
	TRANSFORMADOR DE CORRIENTE
	RELE DE COBRECORRIENTE DIRECCIONAL A TIERRA
	FUSIBLE
	MCCB
	TRANSFORMADOR
	REGULADOR DE VOLTAJE AUTOMATICO
	GENERADOR
	INTERRUPTOR AUTOMATICO
	AMPÉRIMETRO CON SHUNT
	MOTOR DIESEL ENGINE
	FILTRO
	INVERSOR DC/AC
	VOLTIMETRO
	AMPÉRIMETRO
	CARGADOR DE BATERIAS

ESTUDIO SOBRE EL MEJORAMIENTO DEL SISTEMA DE ALCANTARILLADO Y EL MEDIO AMBIENTE DE LA CIUDAD DE SANTIAGO
 JAPAN INTERNATIONAL COOPERATION AGENCY

FIGURA Z-7
 DIAGRAMA UNIFILAR DE PLANTA DE TRATAMIENTO DE LA ZONA SUR

JICA