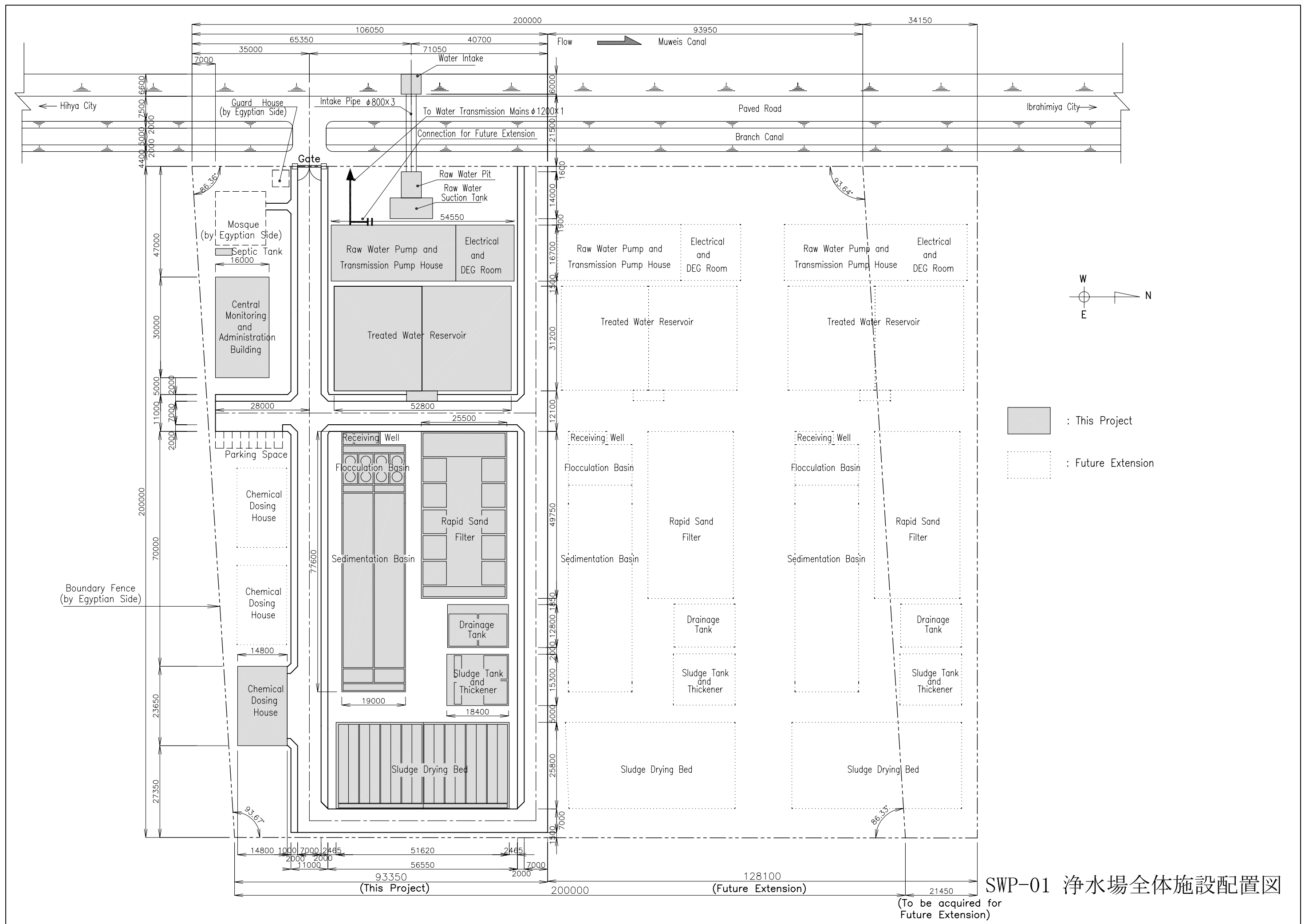


3-2-3 基本設計図

基本設計図として、以下の図面を添付する。

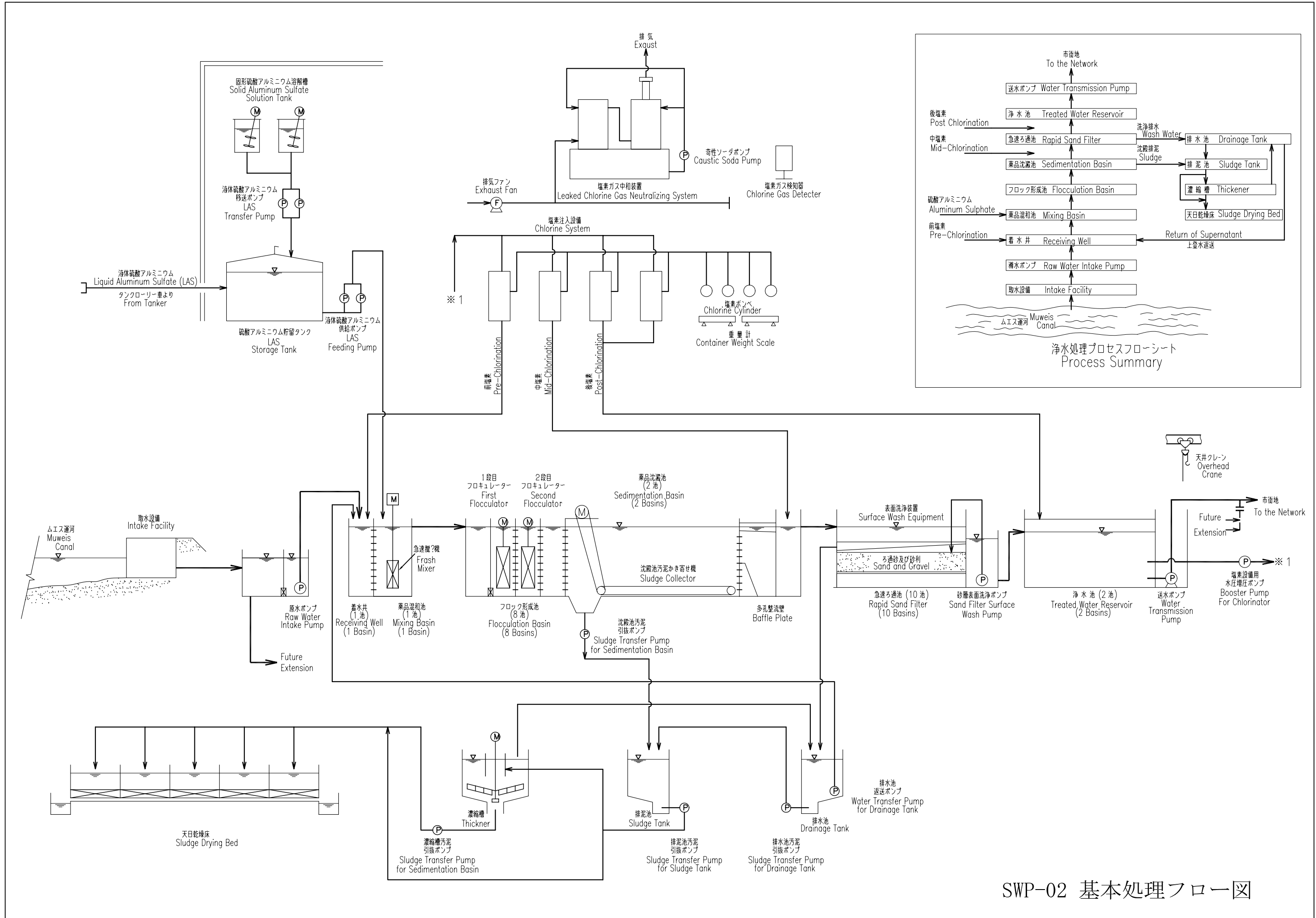
基本設計図面リスト

<u>図面番号</u>	<u>図面タイトル</u>
SWP-01	浄水場全体施設配置図
SWP-02	基本処理フロー図
SWP-03	水位高低図
SWP-04	計装系統図
SWP-05	単線結線図
SWP-06	取水施設 平面図
SWP-07	取水施設 断面図
SWP-08	原水ピット・導水ポンプ井
SWP-09	導水・送水ポンプ棟 / 電気室 平面図
SWP-10	導水・送水ポンプ棟 / 電気室 断面図
SWP-11	導水・送水ポンプ棟 / 電気室 立面図
SWP-12	薬品混和池・フロック形成池・薬品沈殿池 平面図 (1/2)
SWP-13	薬品混和池・フロック形成池・薬品沈殿池 平面図 (2/2)
SWP-14	薬品混和池・フロック形成池・薬品沈殿池 断面図 (1/4)
SWP-15	薬品混和池・フロック形成池・薬品沈殿池 断面図 (2/4)
SWP-16	薬品混和池・フロック形成池・薬品沈殿池 断面図 (3/4)
SWP-17	薬品混和池・フロック形成池・薬品沈殿池 断面図 (4/4)
SWP-18	急速ろ過池 平面図
SWP-19	急速ろ過池 断面図 (1/2)
SWP-20	急速ろ過池 断面図 (2/2)
SWP-21	薬品注入棟 配置図・立面図・断面図
SWP-22	排水池 平面図
SWP-23	排水池 断面図
SWP-24	排泥池・濃縮槽 平面図
SWP-25	排泥池・濃縮槽 断面図
SWP-26	天日乾燥床 平面図
SWP-27	天日乾燥床 断面図
SWP-28	浄水池 平面図
SWP-29	浄水池 断面図 (1/2)
SWP-30	浄水池 断面図 (2/2)
SWP-31	中央監視・管理棟 配置図
SWP-32	中央監視・管理棟 立面図・断面図

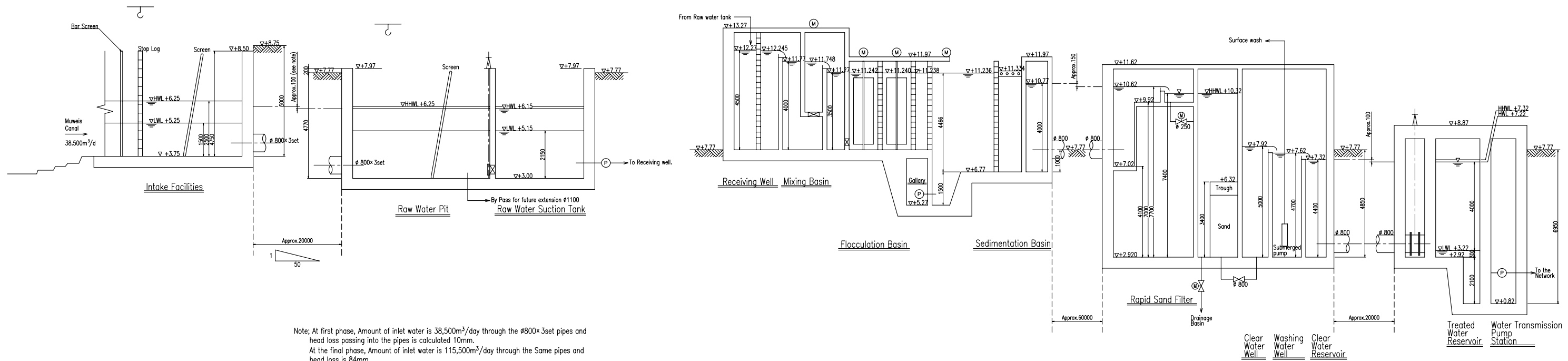


SWP-01 浄水場全体施設配置図

(To be acquired for Future Extension)

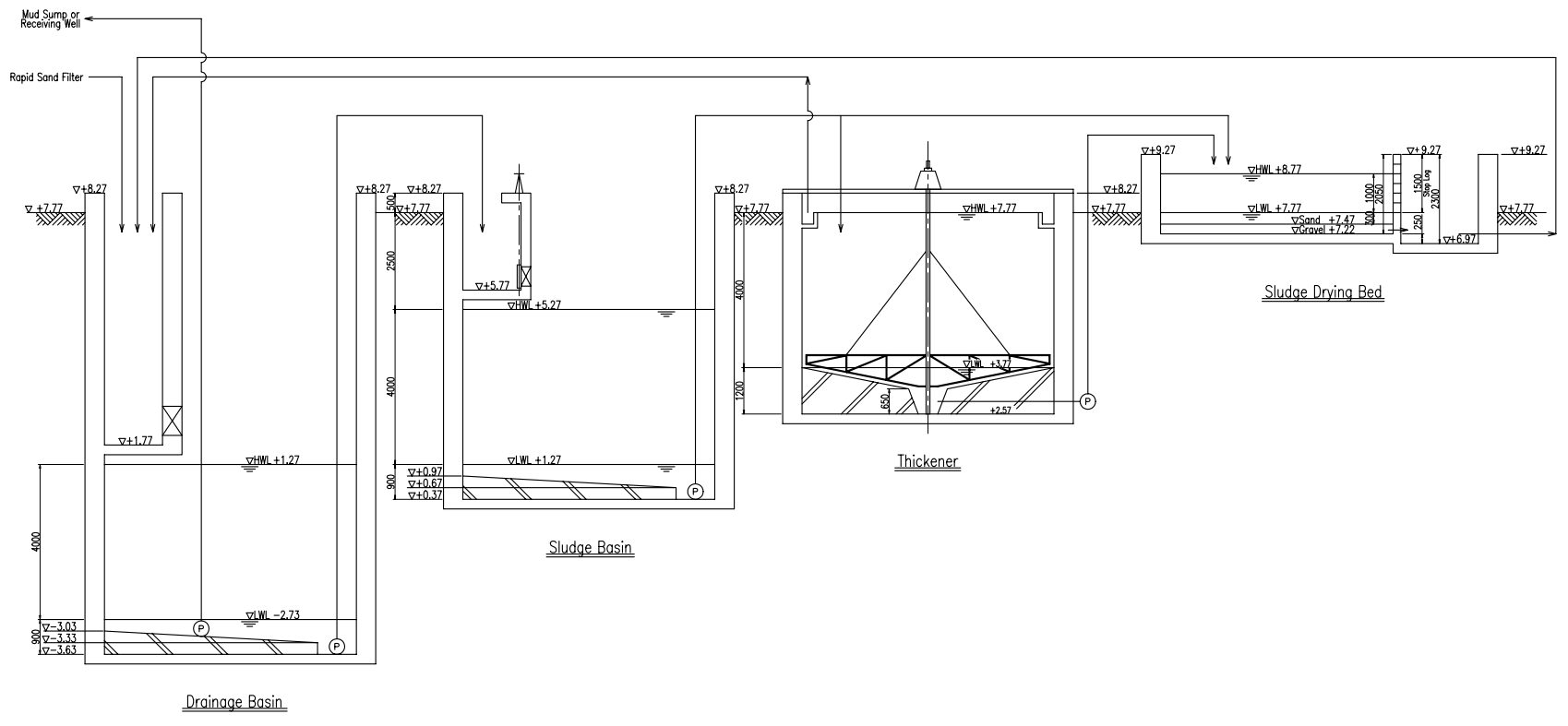


SWP-02 基本処理フロー図

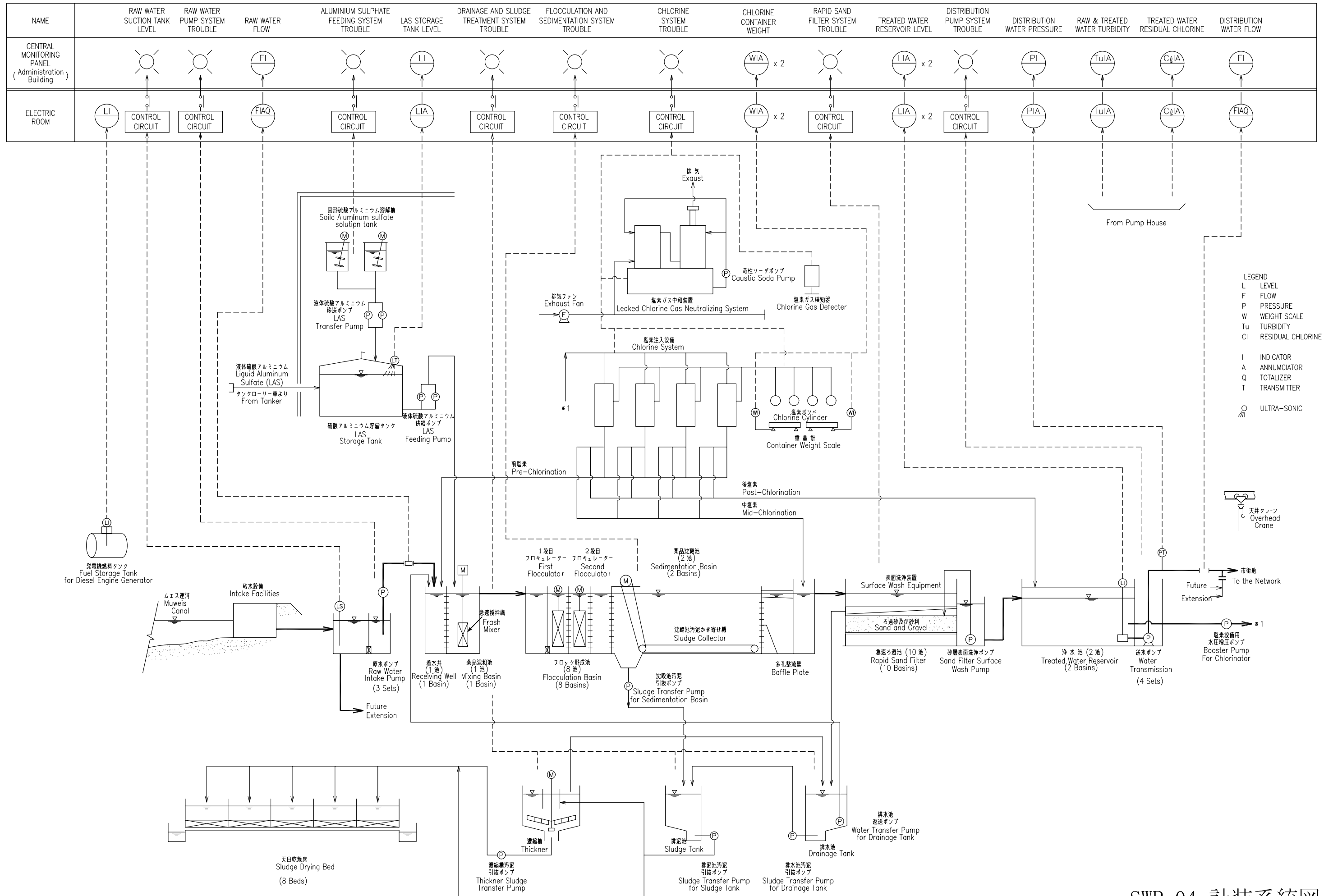


Note: At first phase, Amount of inlet water is 38,500m³/day through the 800x3set pipes and head loss passing into the pipes is calculated 10mm.
 At the final phase, Amount of inlet water is 115,500m³/day through the Same pipes and head loss is 84mm.
 So, for the structure design and equipment capacity estimation, Approx 100mm shown above is applied.

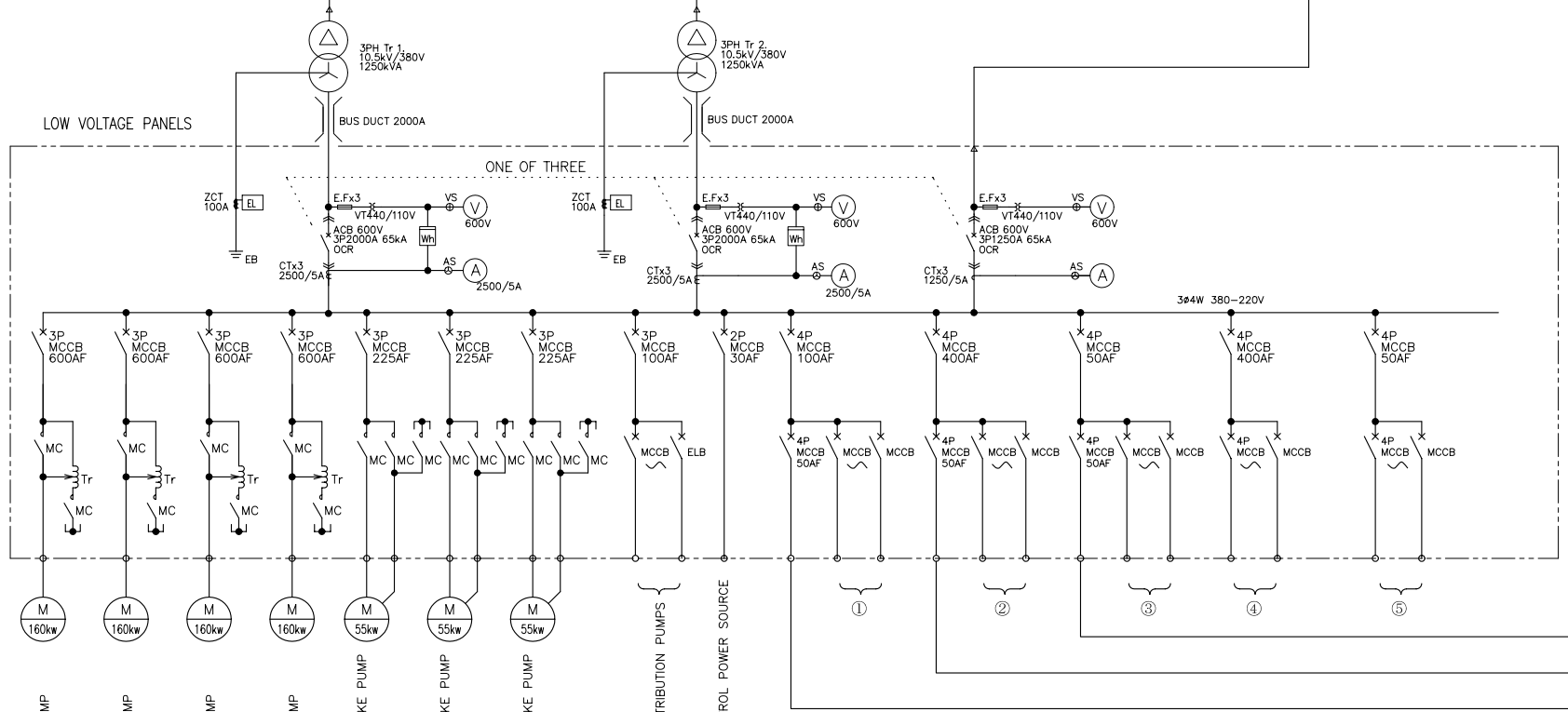
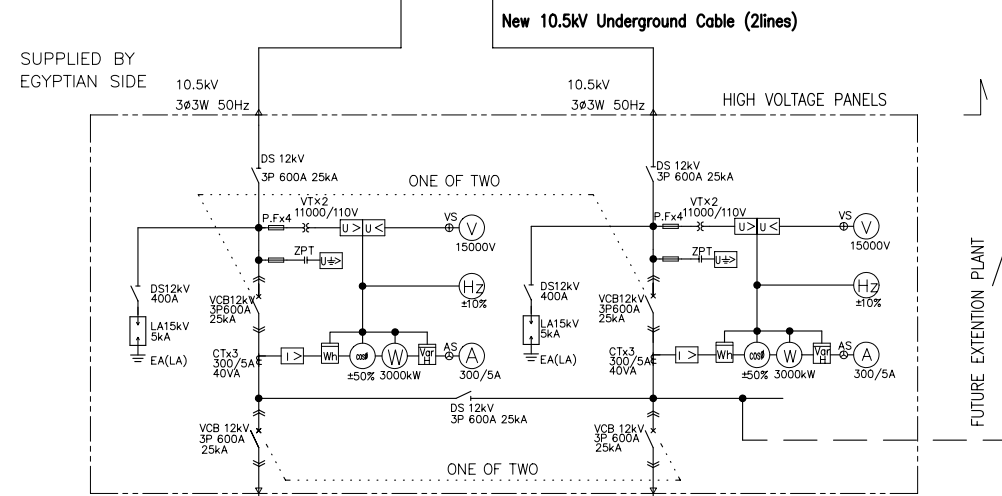
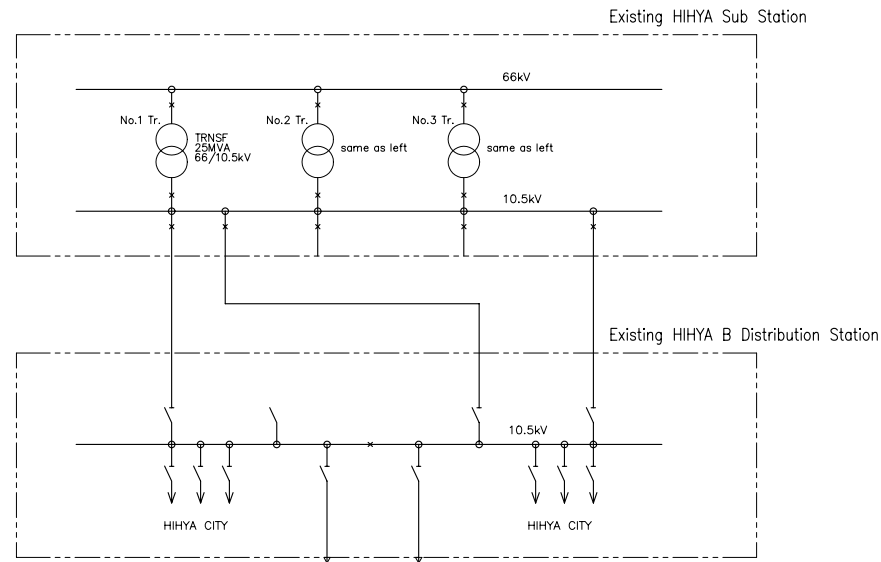
Note:
 All the elevations mean Alexandria Datum (mean sea water level in meter at Alexandria).



SWP-03 水位高低图



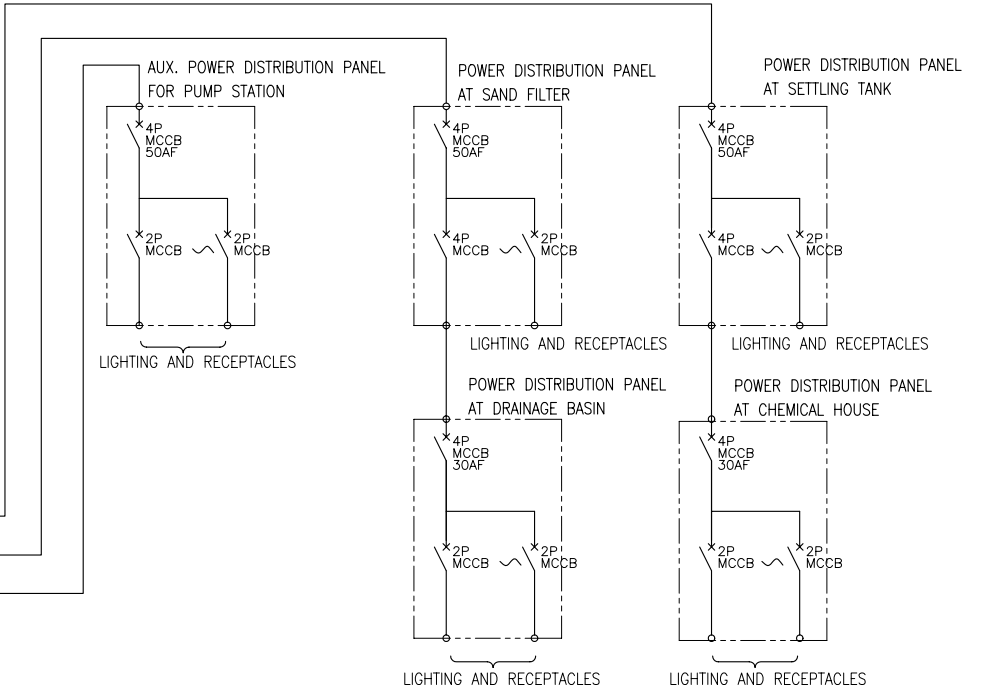
SWP-04 計装系統図



- ① SPACE HEATER AND POWER SUPPLY
- ② FLOCCULATOR
- ③ VALVES FOR SAND FILLER, ETC.
- ④ PUMPS FOR DRAINAGE AND SLUDGE TANK
- ⑤ CHEMICAL EQUIPMENT

LEGEND

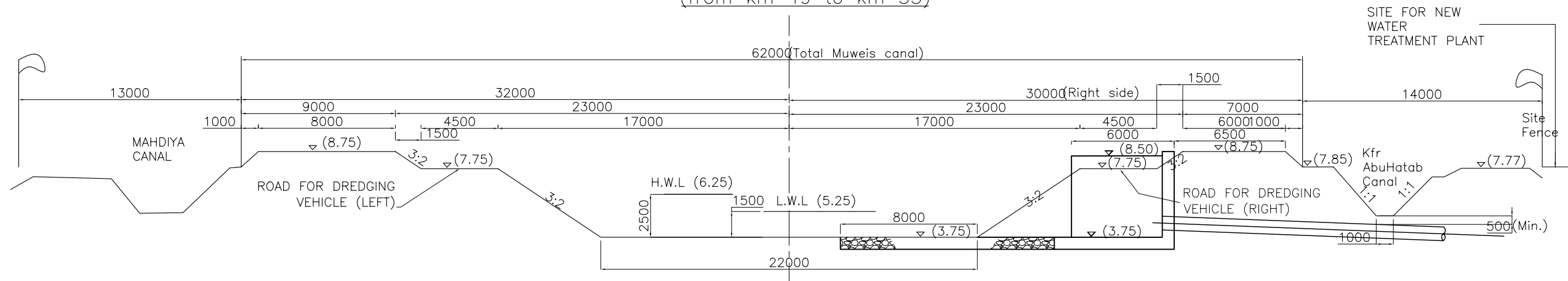
DS	DISCONNECTING SWITCH
VCB	VACUUM CIRCUIT BREAKER
LA	LIGHTNING ARRESTER
LBS	LOAD BREAK SWITCH
ACB	AIR CIRCUIT BREAKER
MCCB	MOLDED CASE CIRCUIT BREAKER
MB	MOTOR BREAKER
MCB	MIAMIURE CIRCUIT BREAKER
T	TRANSFORMER
MC	MAGNETIC CONTACTOR
INV.	INVERTER
ES	EARTHING SWITCH
VT	VOLTAGE TRANSFORMER
CT	CURRENT TRANSFORMER
VS	VOLTMETER SWITCH
AS	AMMETER SWITCH
≡	FUSE
3E	3 ELEMENT RELAY
ZCT	ZERO PHASE CURRENT TRANSFORMER
VCT	VOLTAGE CURRENT TRANSFORMER
ZPT	ZERO PHASE POTENTIAL TRANSFORMER
	OVER CURRENT RELAY
	GROUND OVER CURRENT RELAY
	GROUND OVER VOLTAGE RELAY
	UNDER VOLTAGE RELAY
	OVER VOLTAGE RELAY
	EARTH LEAKAGE RELAY
	VOLTMETER
	AMMETER
	WATTMETER
	POWER FACTOR METER
	FREQUENCY METER
	WATT-HOUR METER
	VARHOUR METER
	THERMAL RELAY
	FUSE



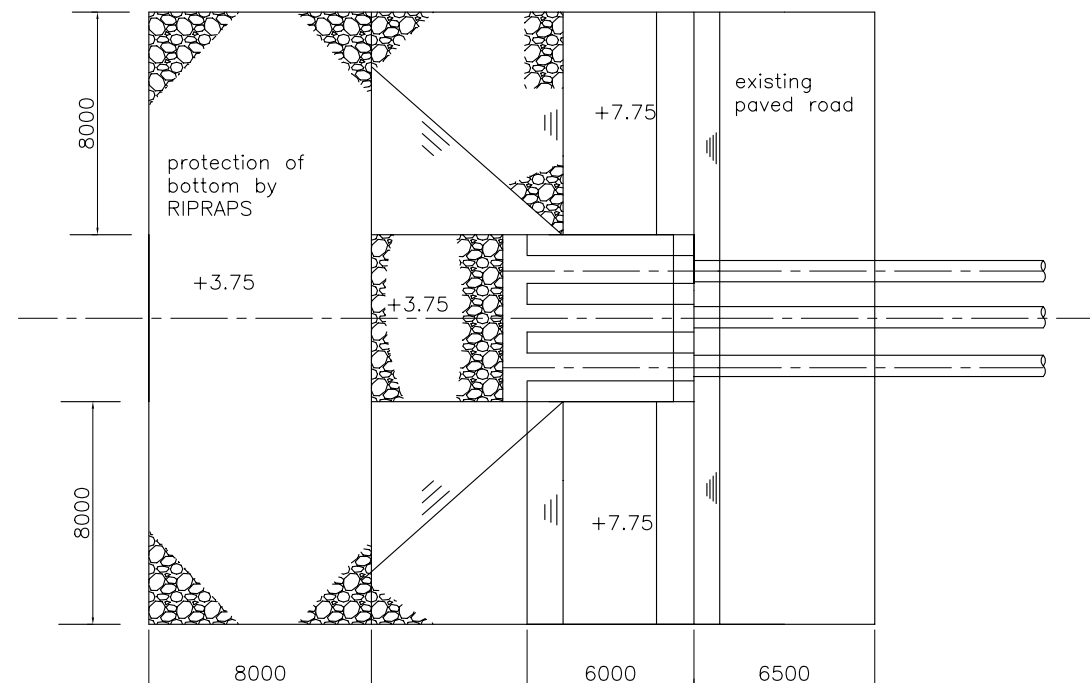
SWP-05 單線結線圖

SECTION OF MUWEIS CANAL AT WATER INTAKE

Cross Section at km 50
(from km 49 to km 53)



PLAN OF WATER INTAKE FACILITY

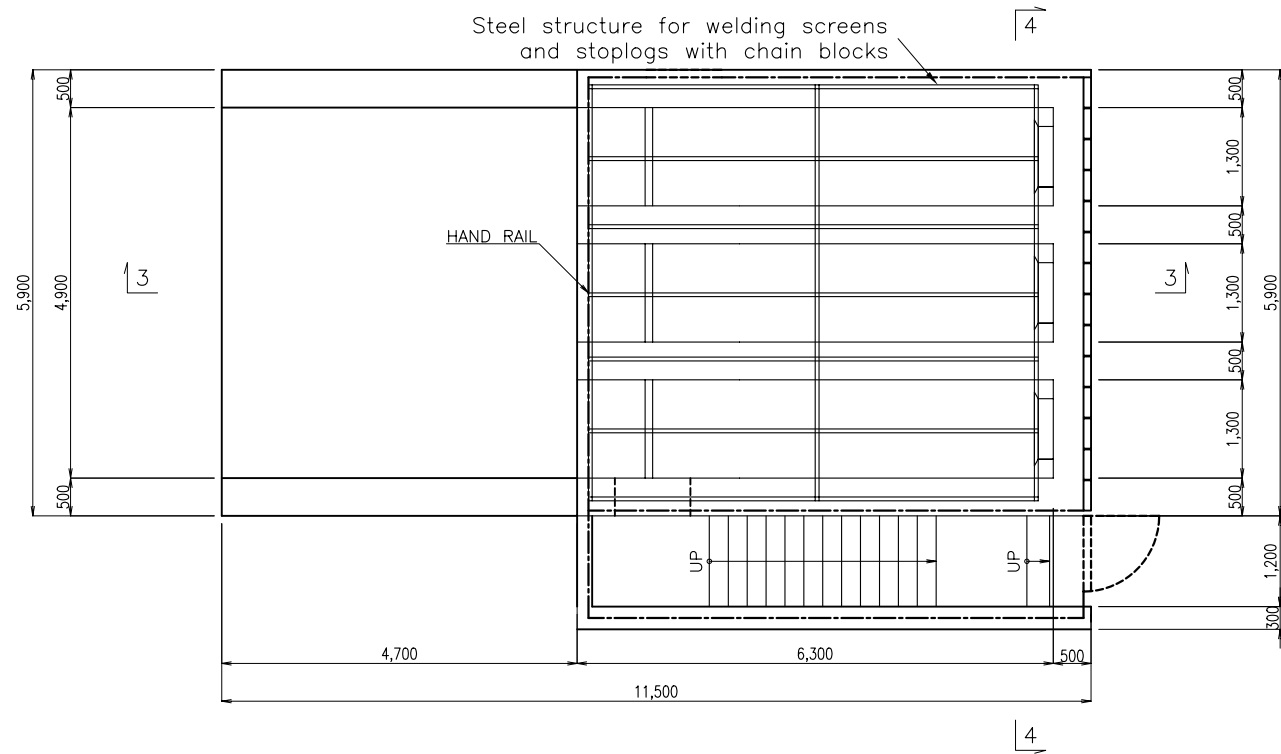


SWP-06 取水施設 平面図

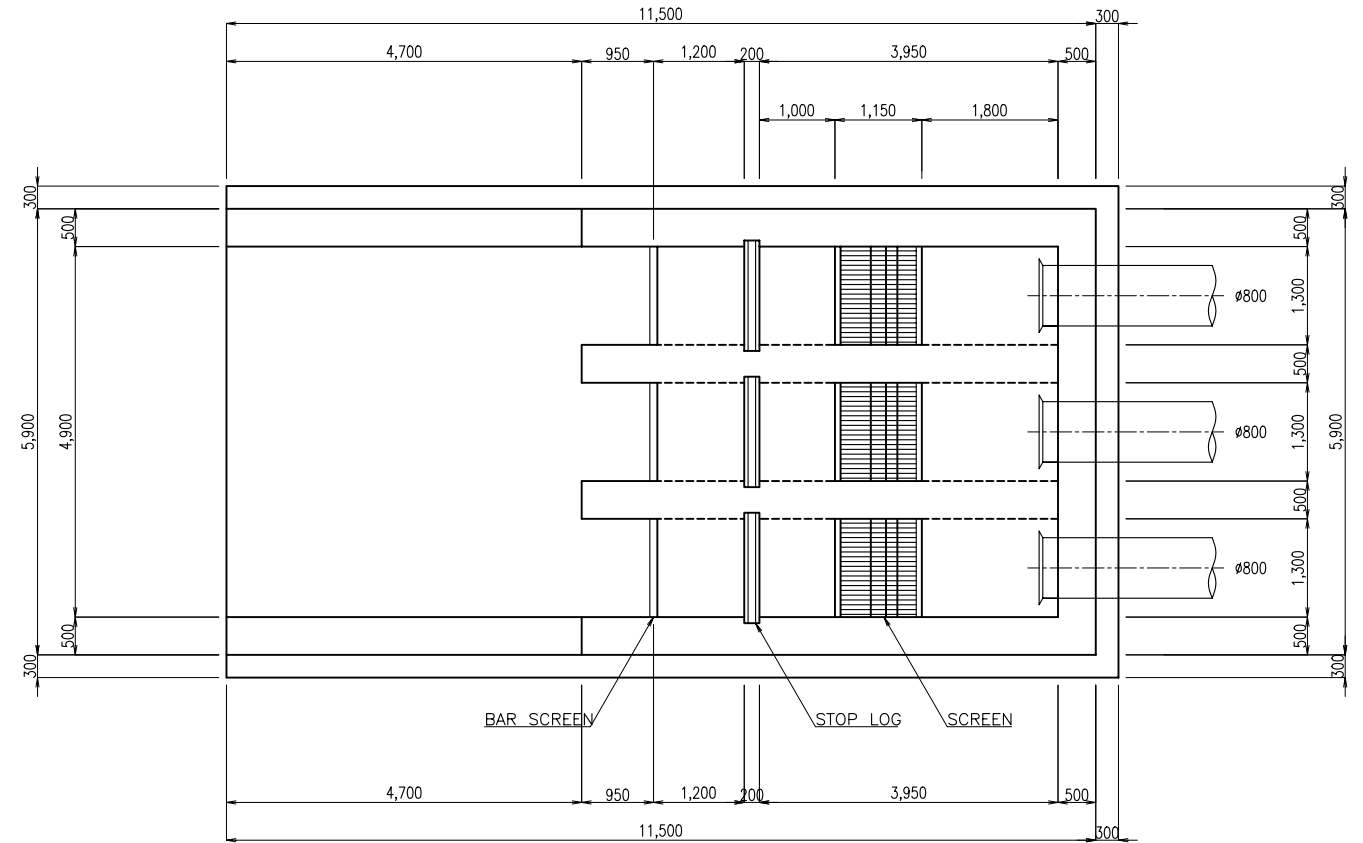
WATER INTAKE FACILITY – SECTIONS

S=1:100

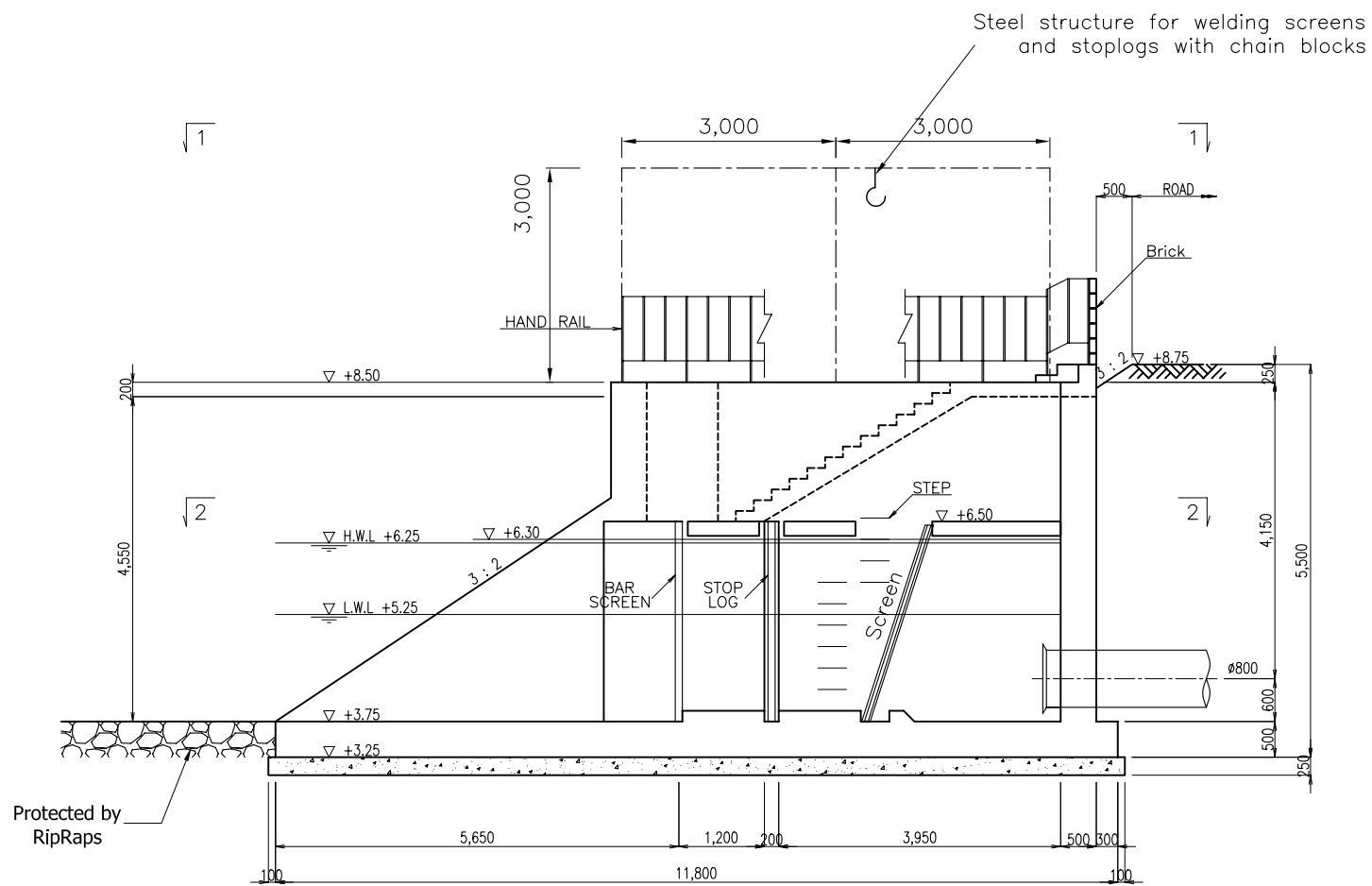
SECTION 1-1



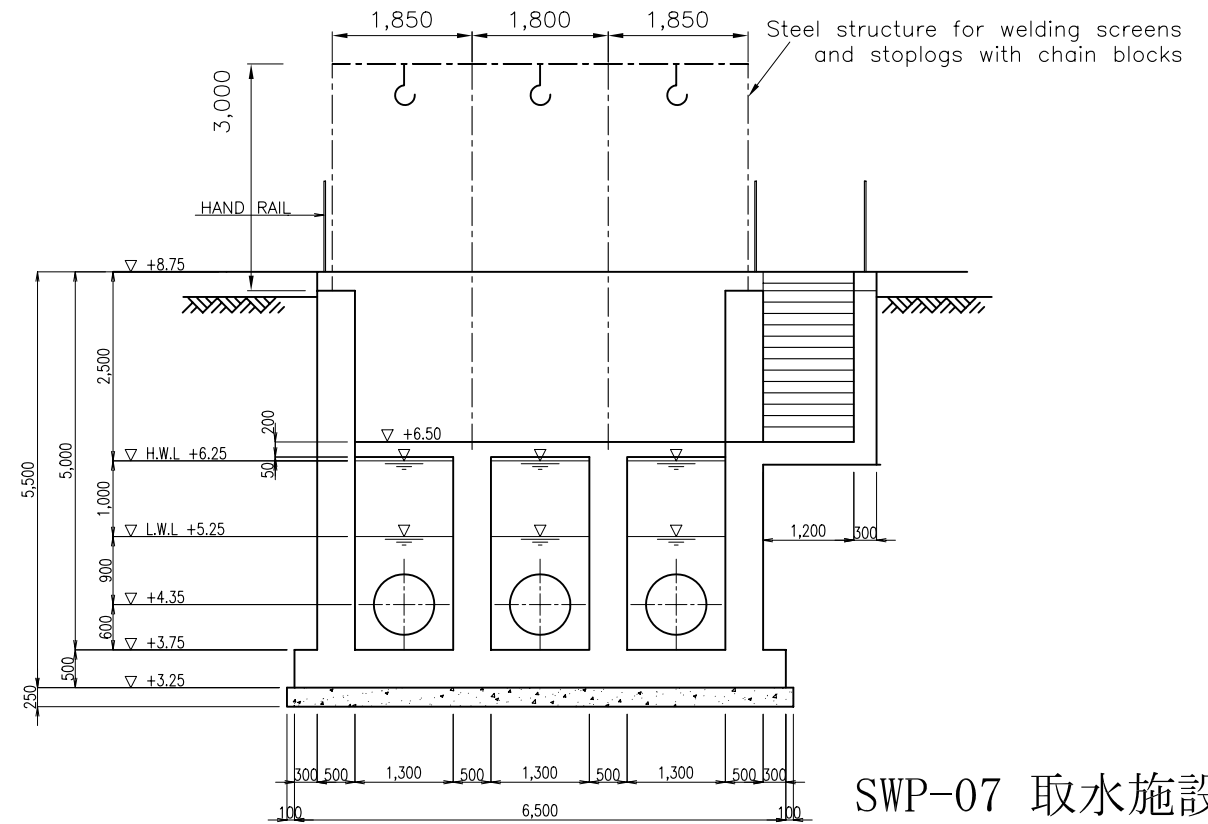
SECTION 2-2



SECTION 3-3



SECTION 4-4



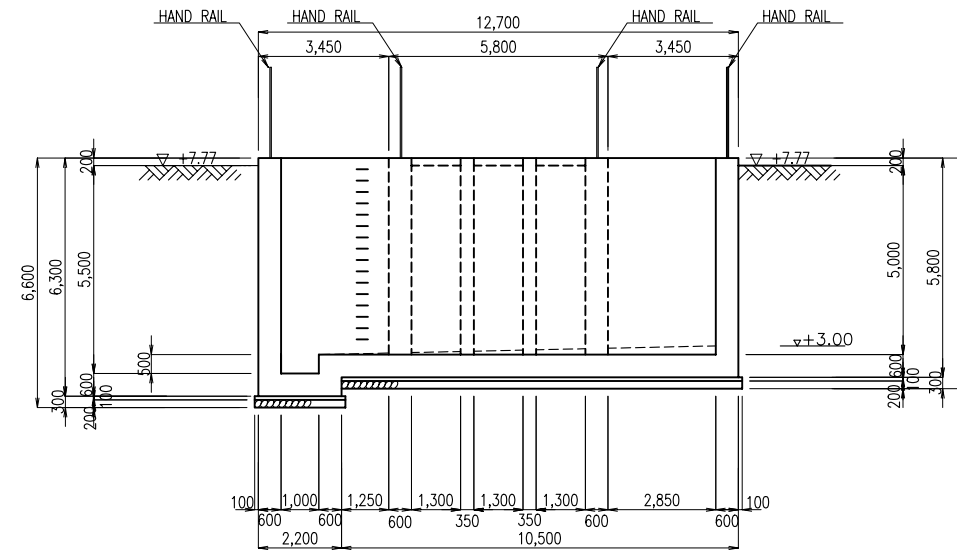
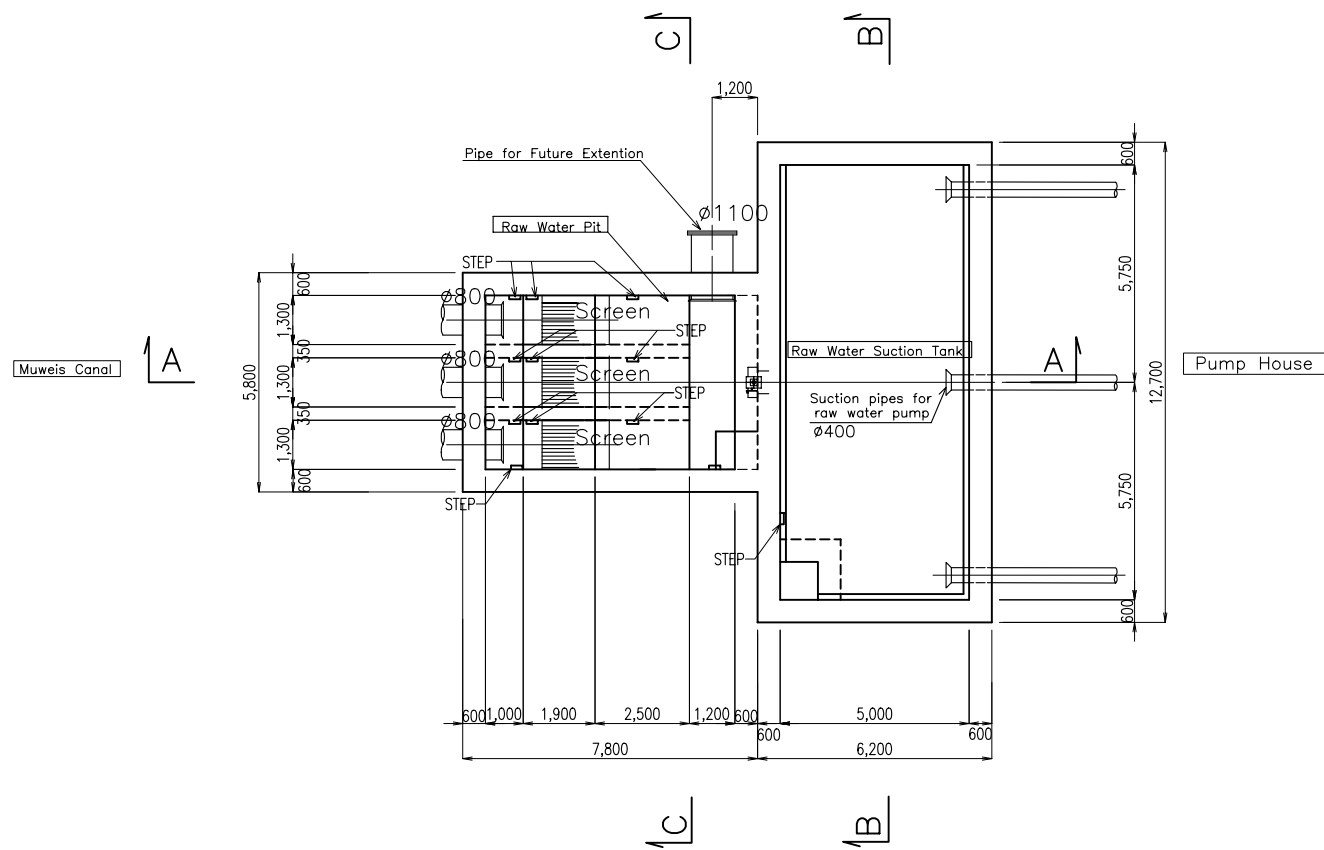
SWP-07 取水施設断面図

RAW WATER PIT AND RAW WATER SUCTION TANK

S=1:200

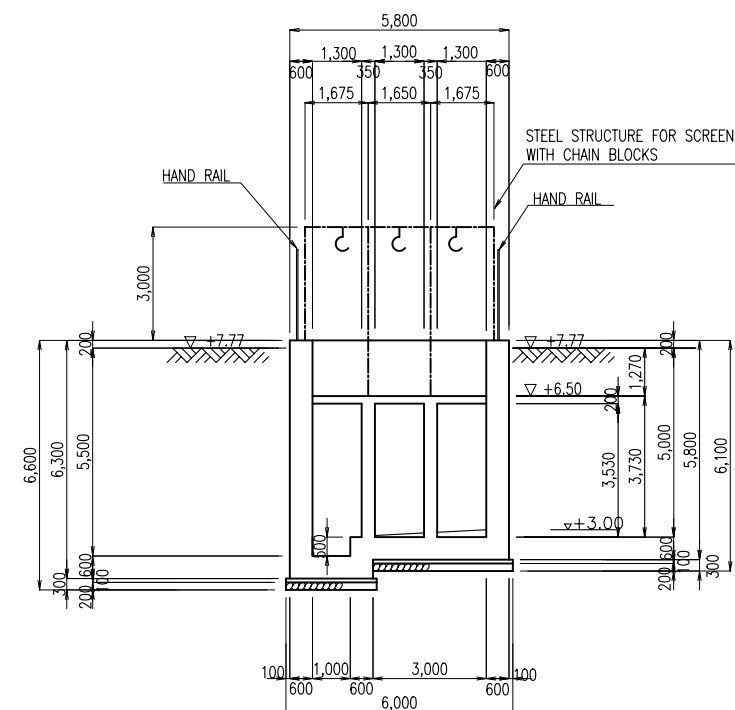
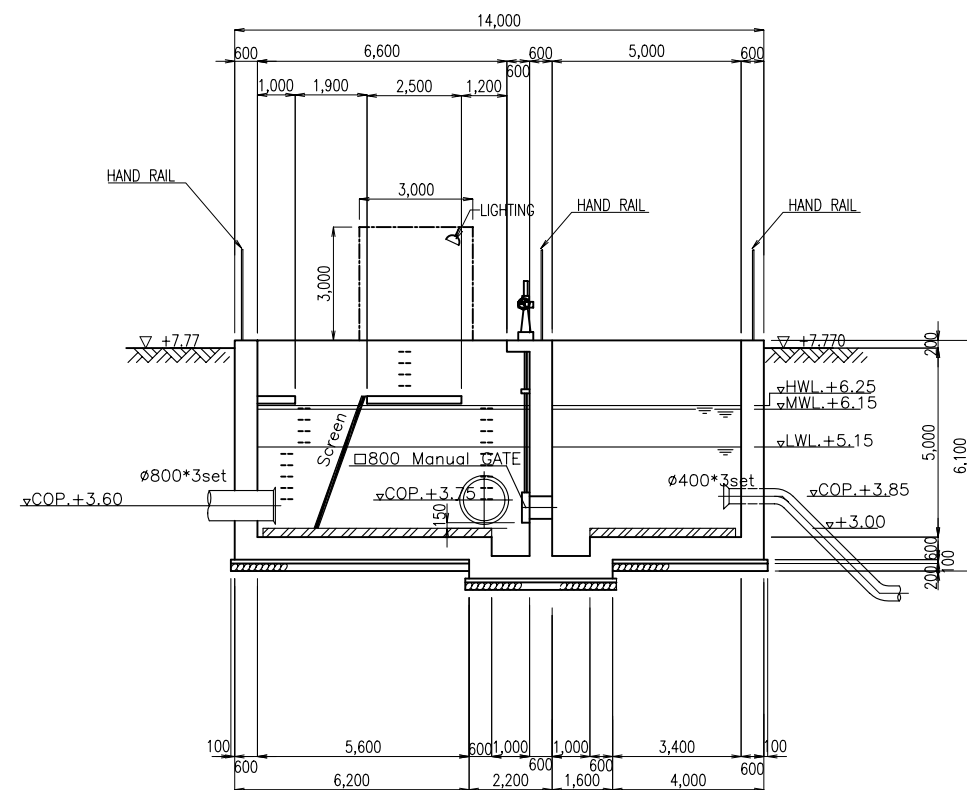
PLAN

SECTION B-B



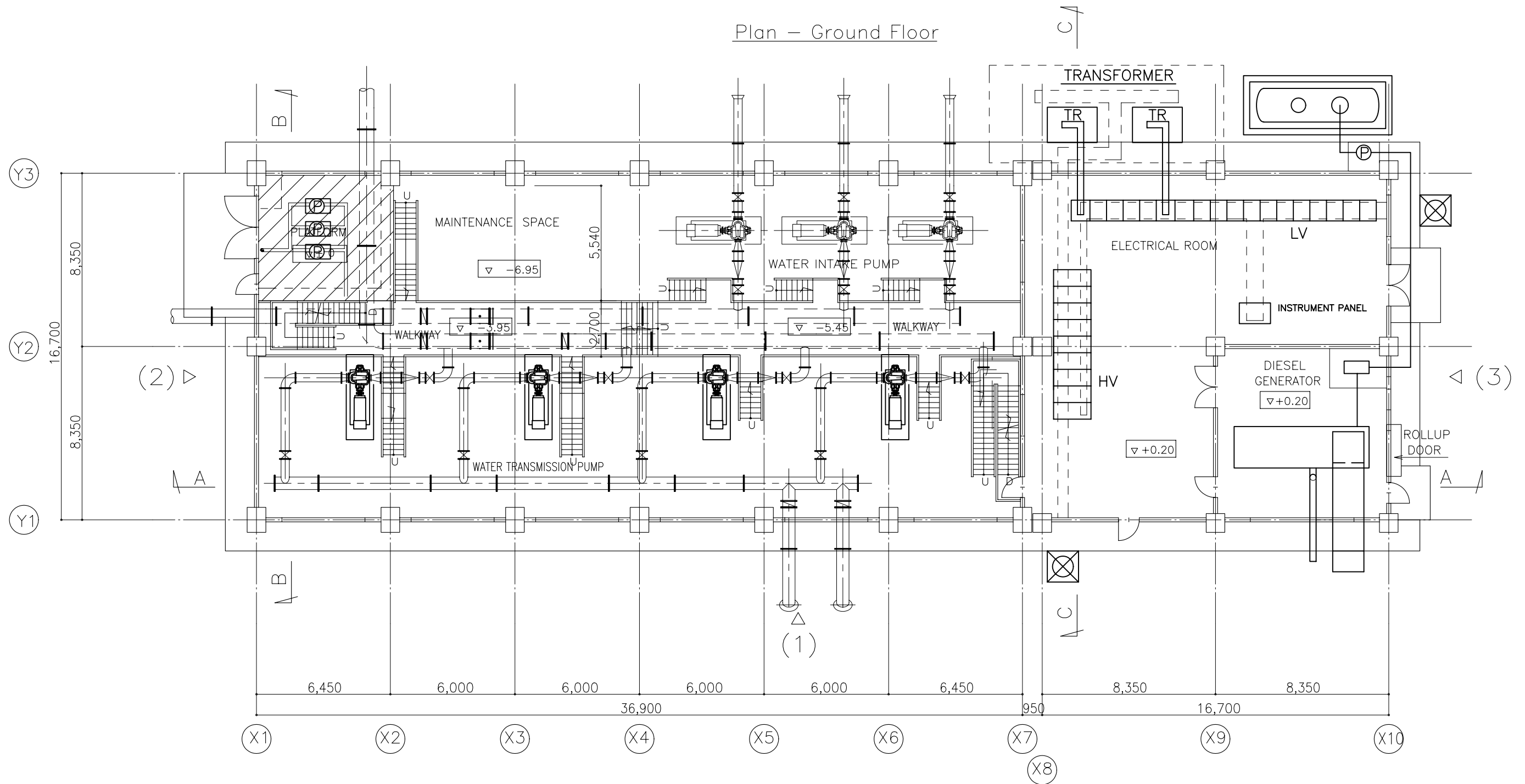
SECTION A-A

SECTION C-C



SWP-08 原水ピット・導水ポンプ井

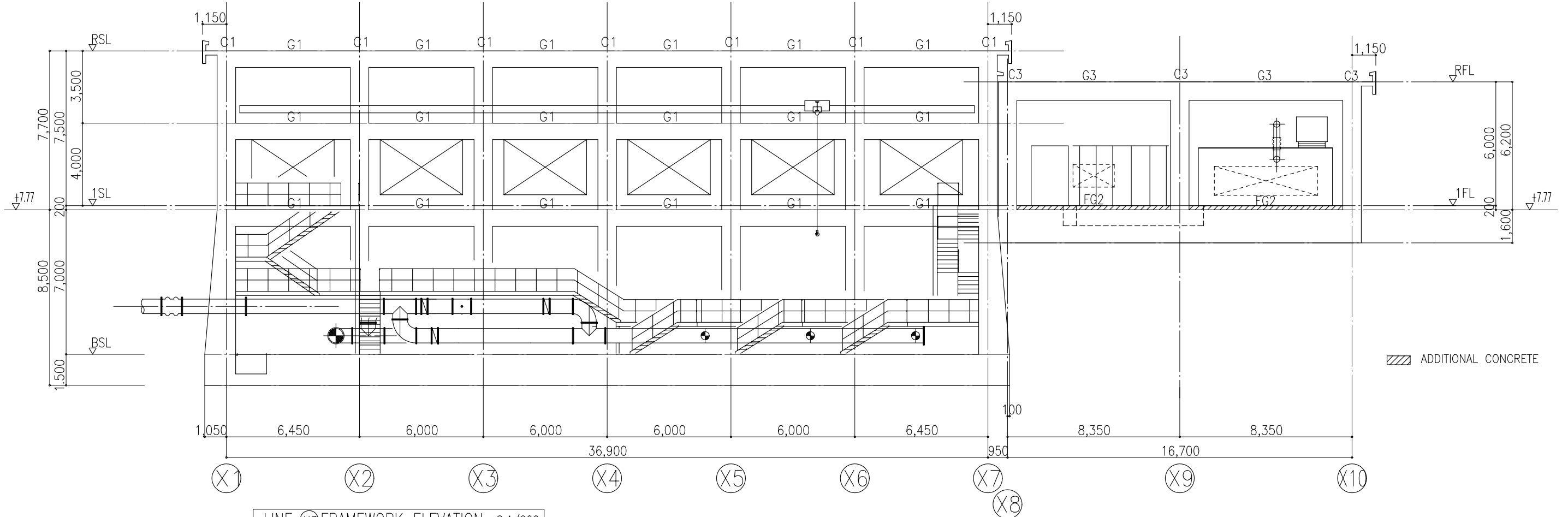
Plan - Ground Floor



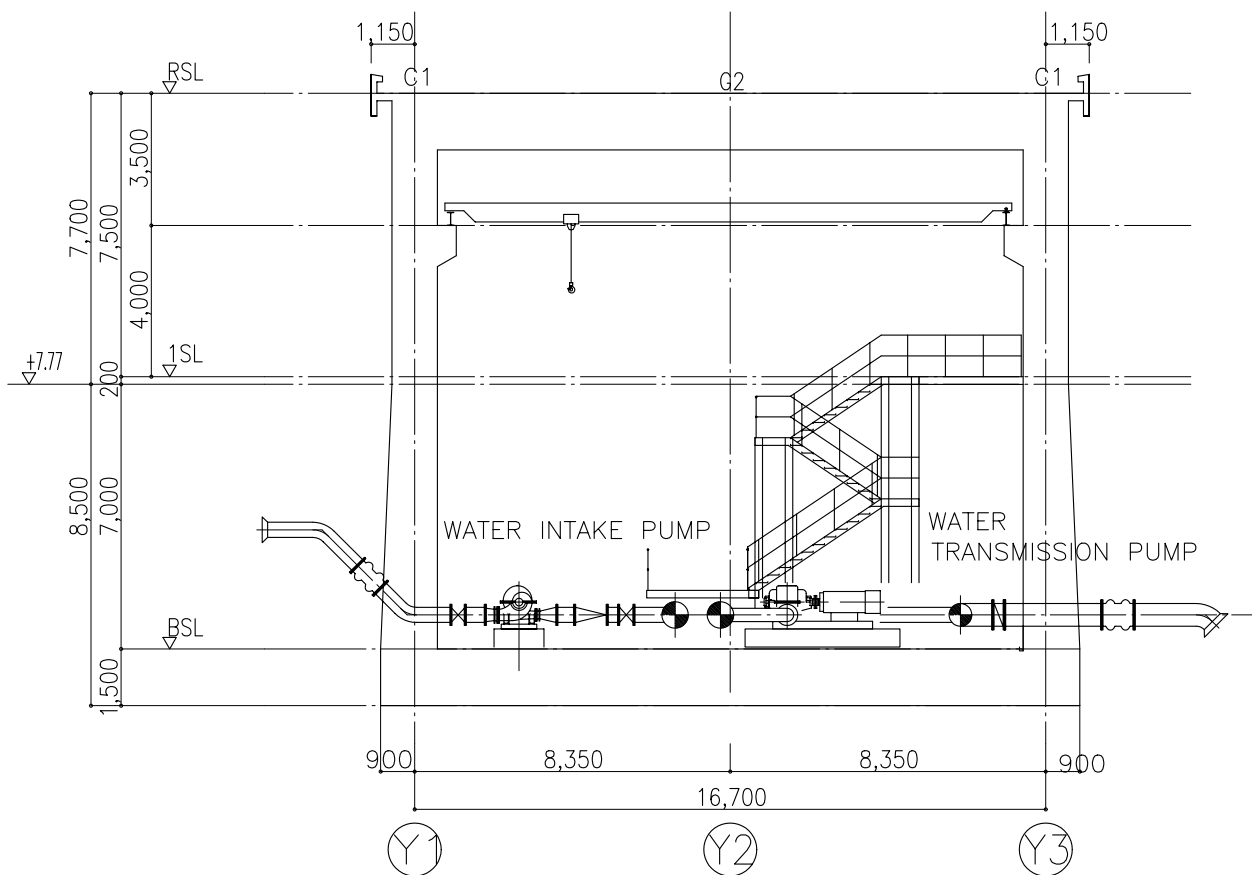
SWP-09 導水・送水ポンプ棟/電気室 平面図

RAW WATER PUMP AND TRANSMISSION PUMP HOUSE

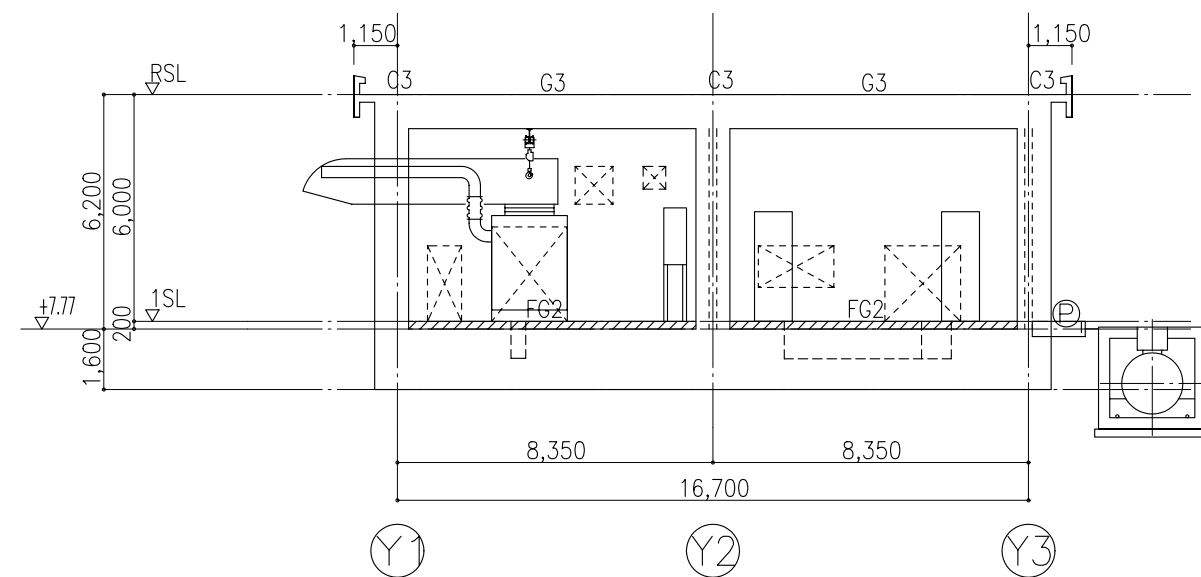
LINE (Y) FRAMEWORK ELEVATION s:1/200



LINE (X3) FRAMEWORK ELEVATION s:1/200



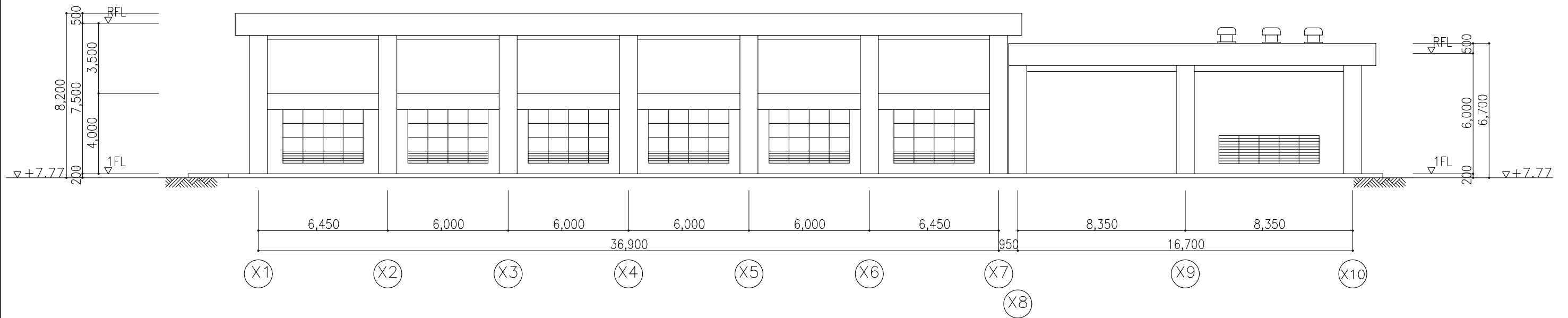
LINE (X10) FRAMEWORK ELEVATION s:1/200



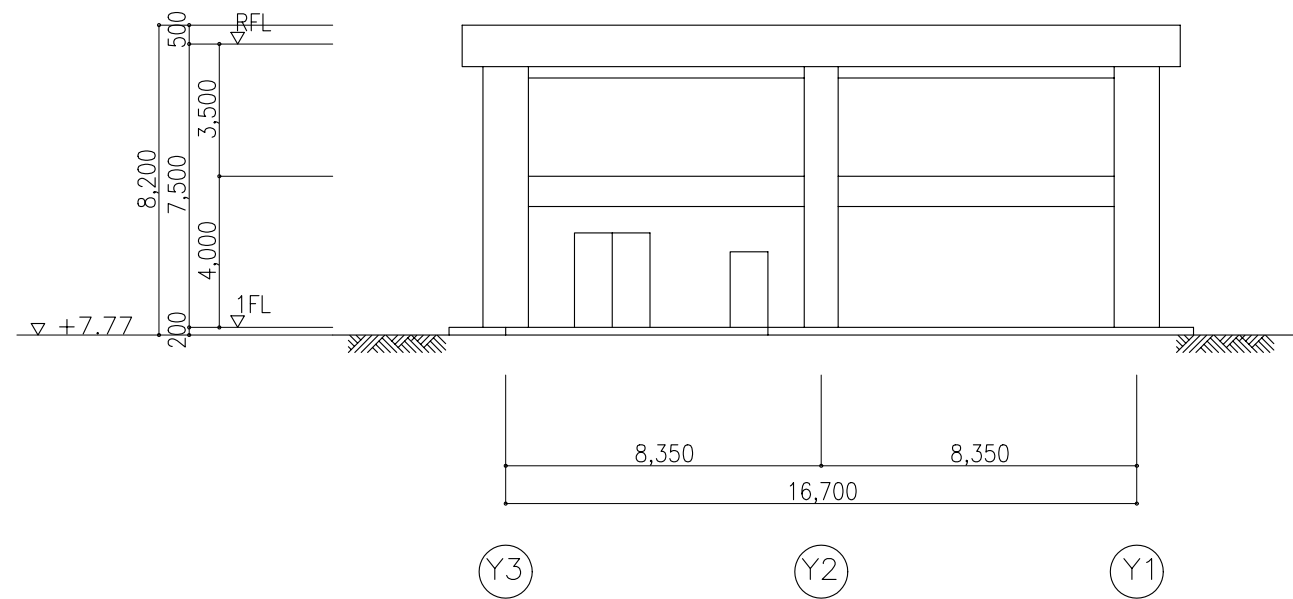
ADDITIONAL CONCRETE

SWP-10 導水・送水ポンプ棟/電気室 断面図

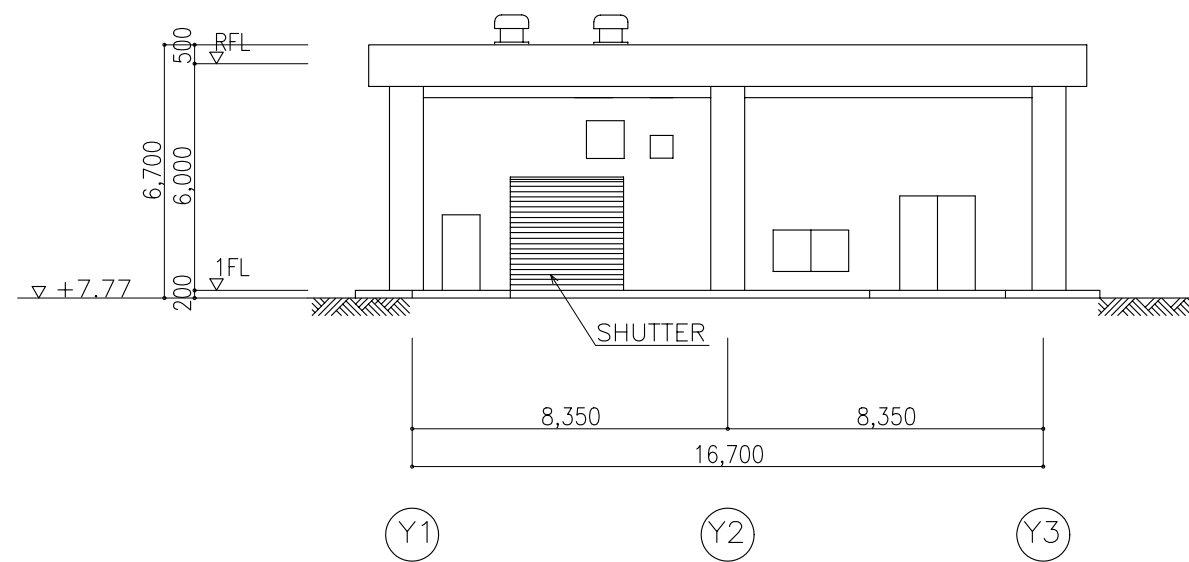
ELEVATION (1)



ELEVATION (2)



ELEVATION (3)

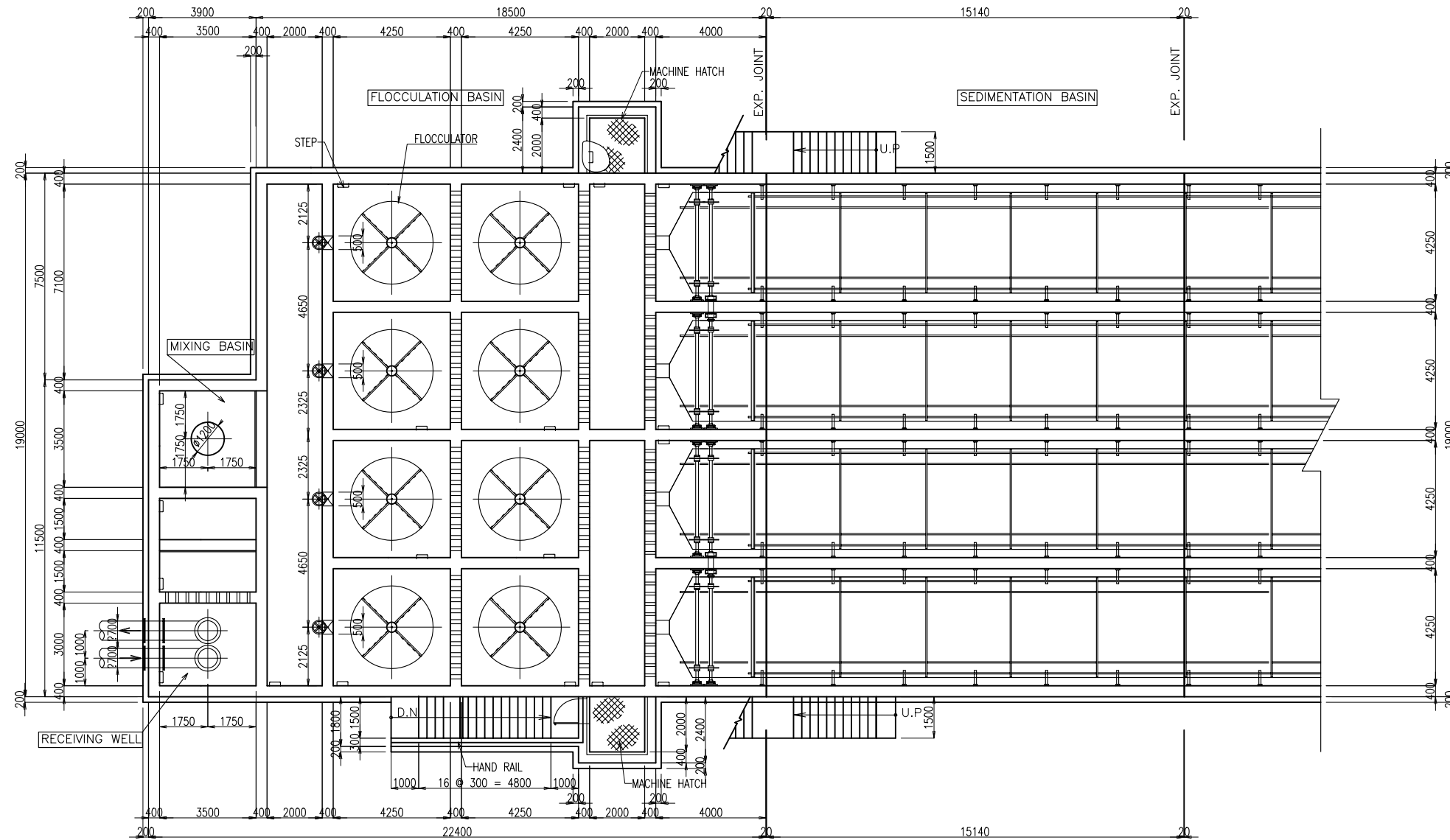


SWP-11 導水・送水ポンプ棟/電気室 立面図

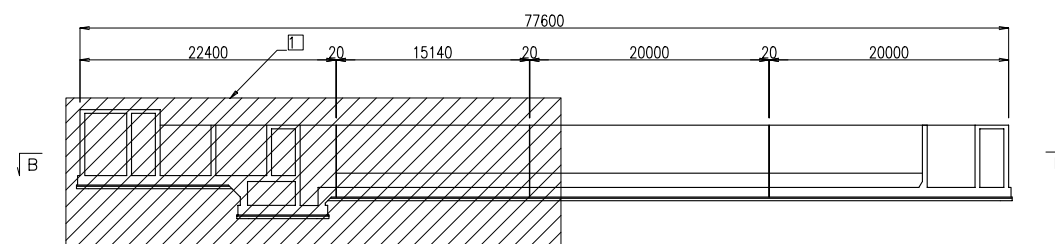
RECEIVING WELL ~ SEDIMENTATION BASIN - PLAN (1/2)

S=1:200

SECTION B-B-1



KEY PLAN

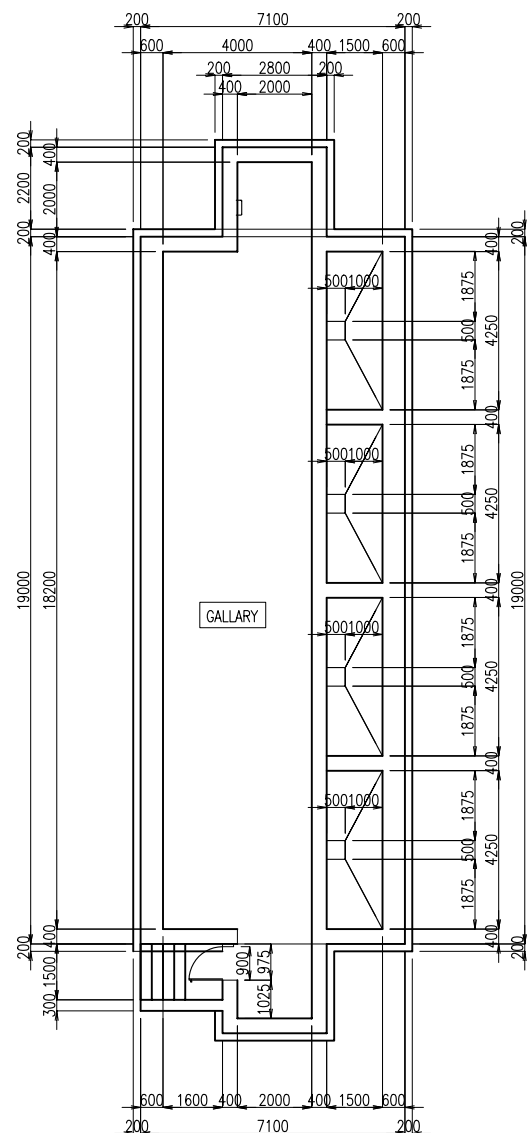


SWP-12 薬品混和池・フロック形成池・薬品沈殿池 平面図 (1/2)

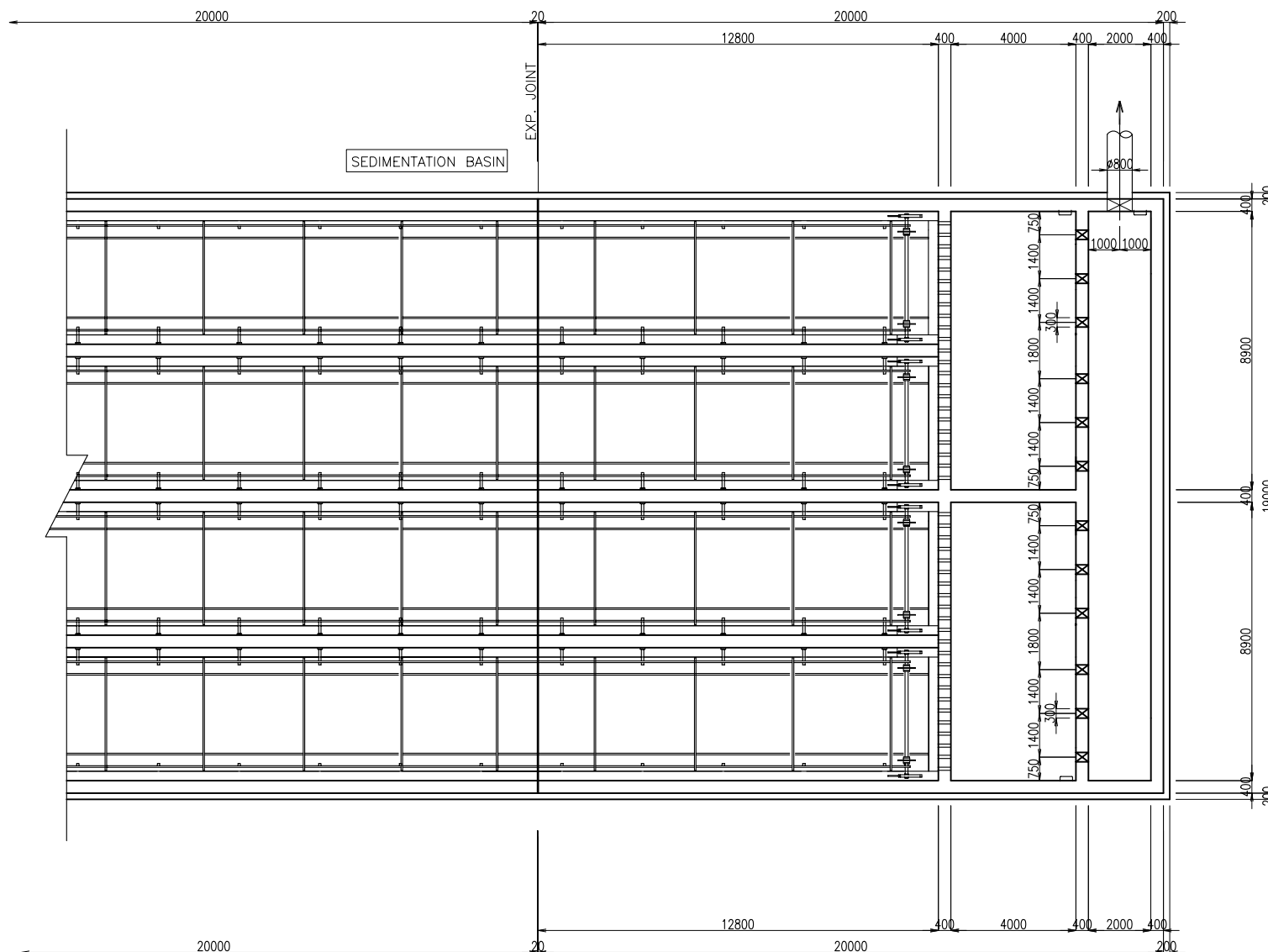
RECEIVING WELL ~ SEDIMENTATION BASIN - PLAN (2/2)

S=1:200

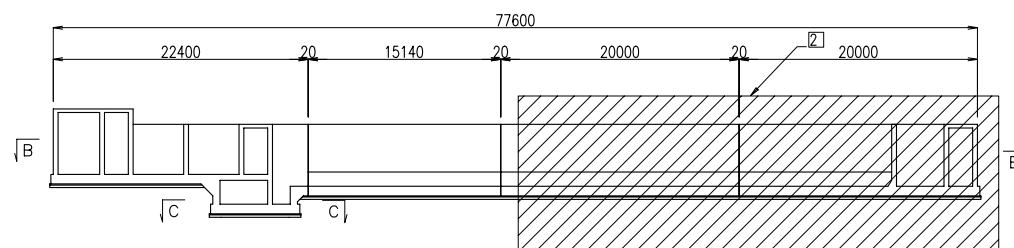
SECTION C-C



SECTION B-B-2



KEY PLAN

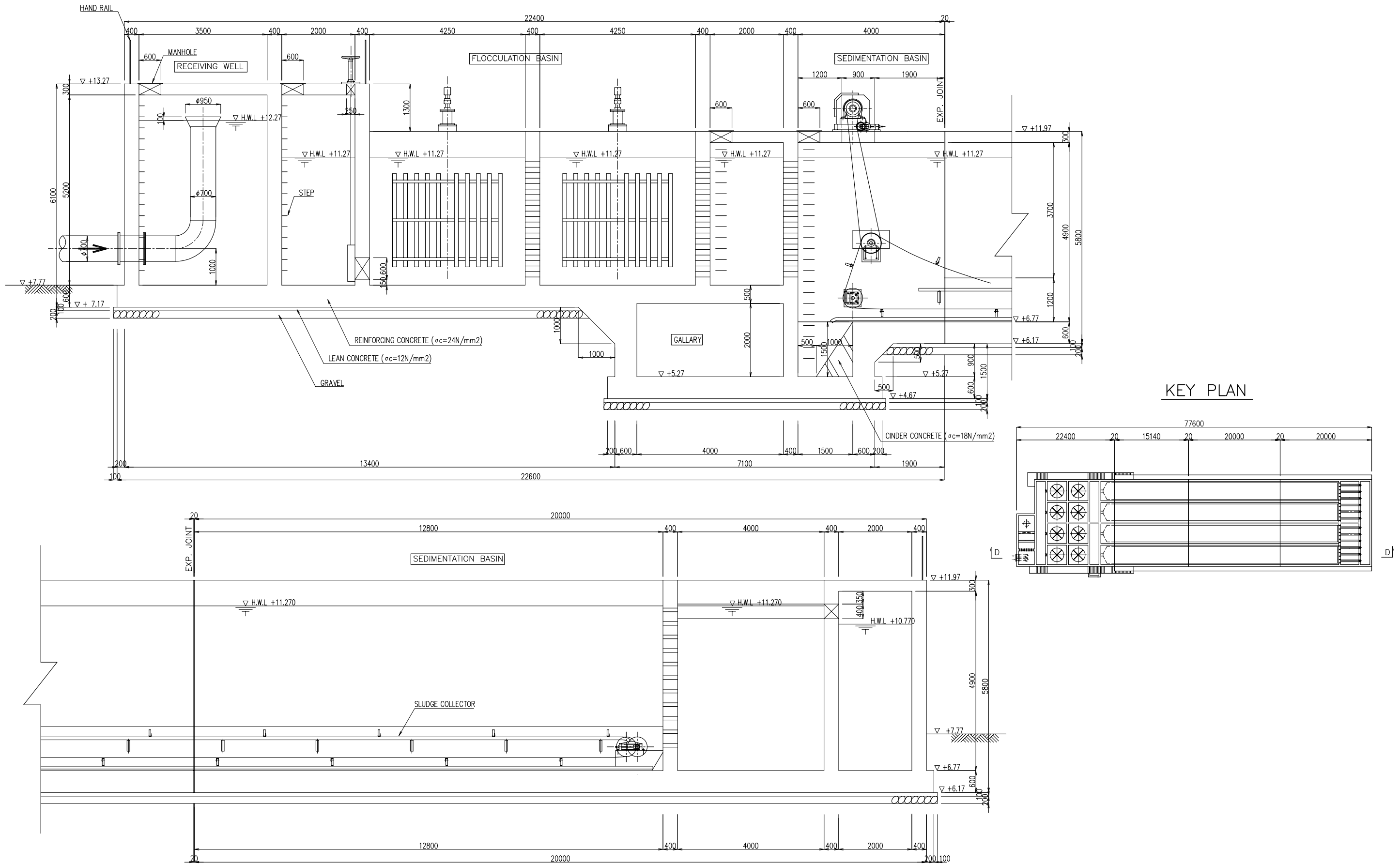


SWP-13 薬品混和池・フロック形成池・薬品沈殿池 平面図 (2/2)

RECEIVING WELL ~ SEDIMENTATION BASIN - SECTIONS (1/4)

S=1:100

SECTION D-D

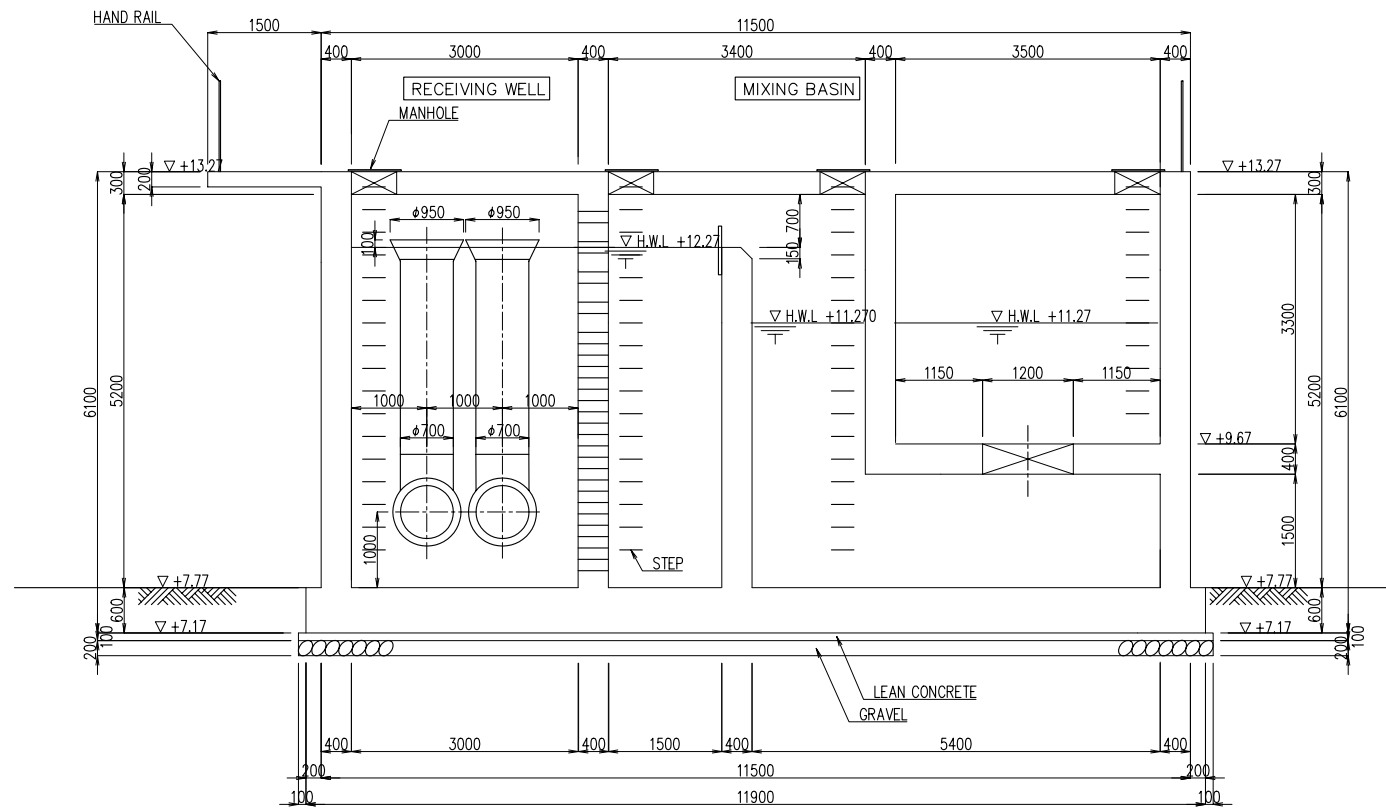


SWP-14 薬品混和池・フロック形成池・薬品沈殿池 断面図 (1/4)

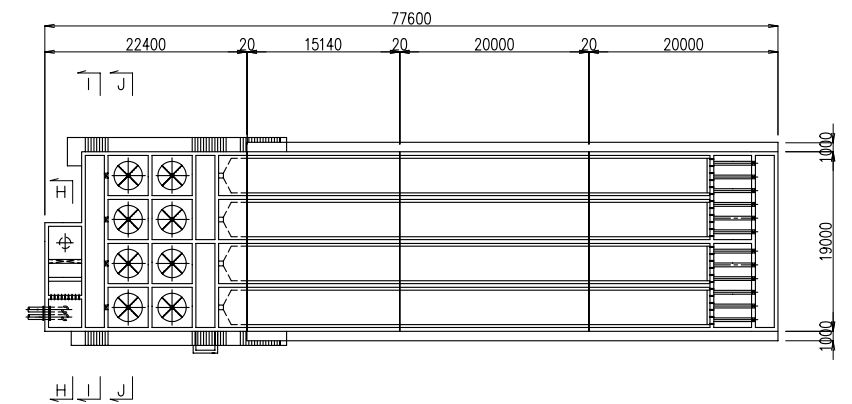
RECEIVING WELL ~ SEDIMENTATION BASIN - SECTIONS (2/4)

S=1:100

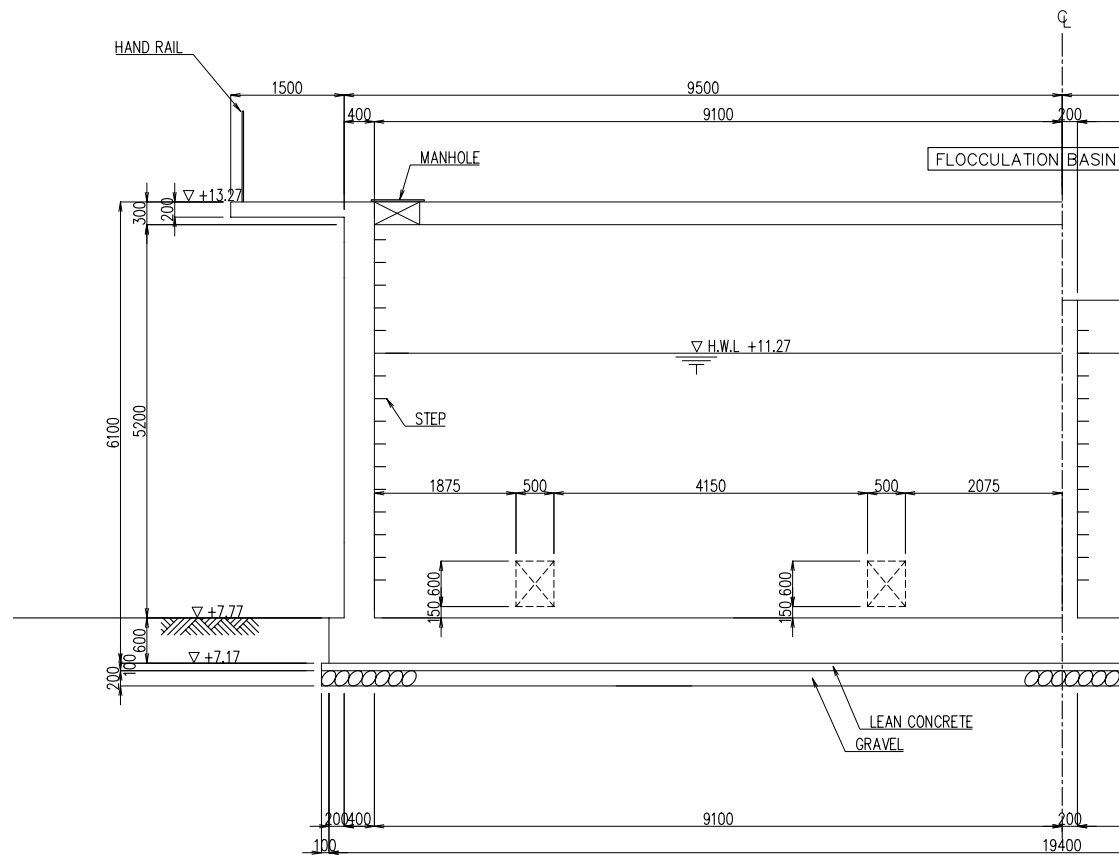
SECTION H-H



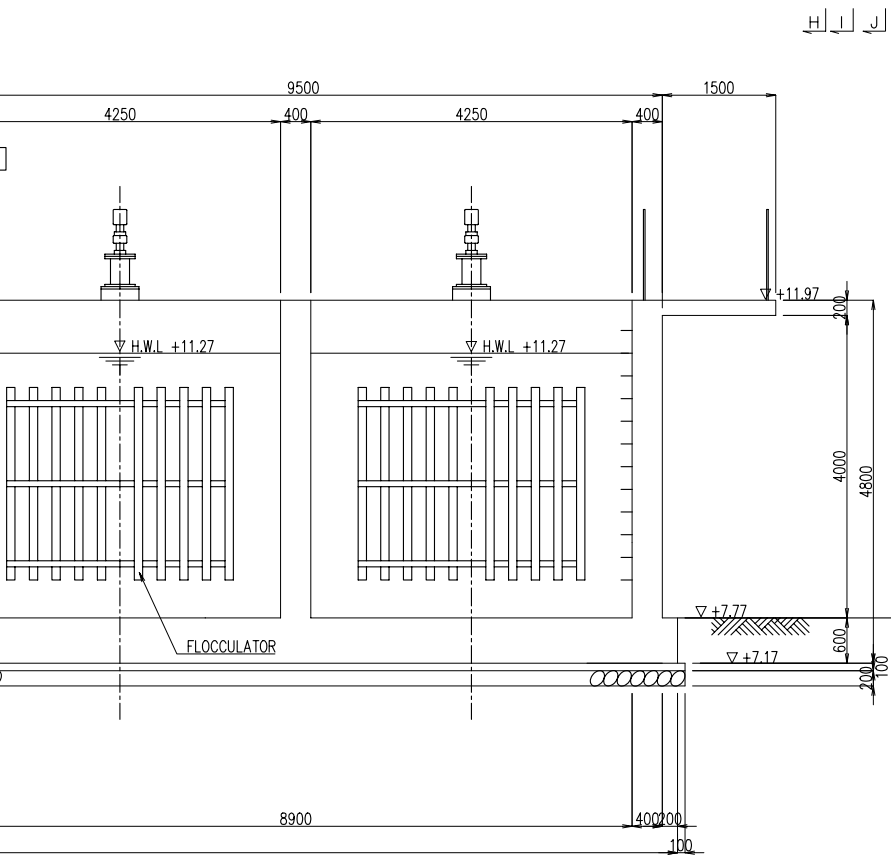
KEY PLAN



SECTION I-I



SECTION J-J

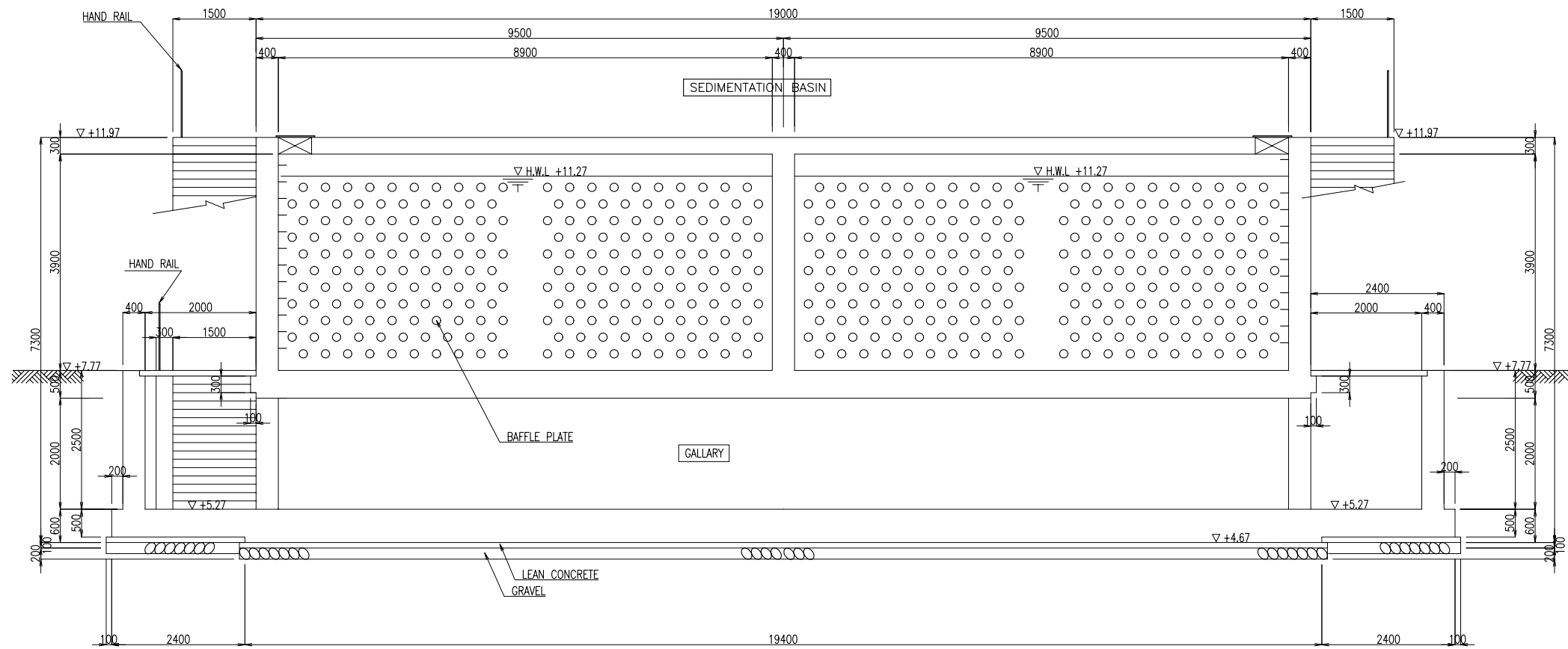


SWP-15 薬品混和池・フロック形成池・薬品沈殿池 断面図 (2/4)

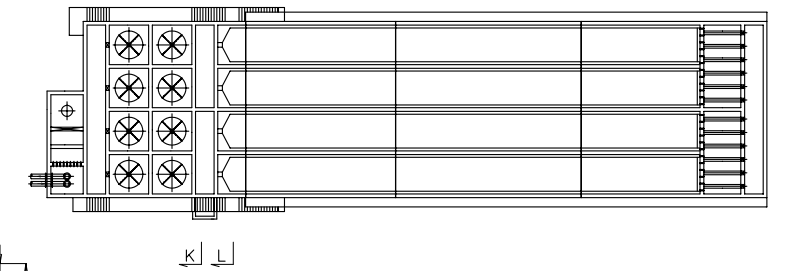
RECEIVING WELL ~ SEDIMENTATION BASIN - SECTIONS (3/4)

SECTION K-K

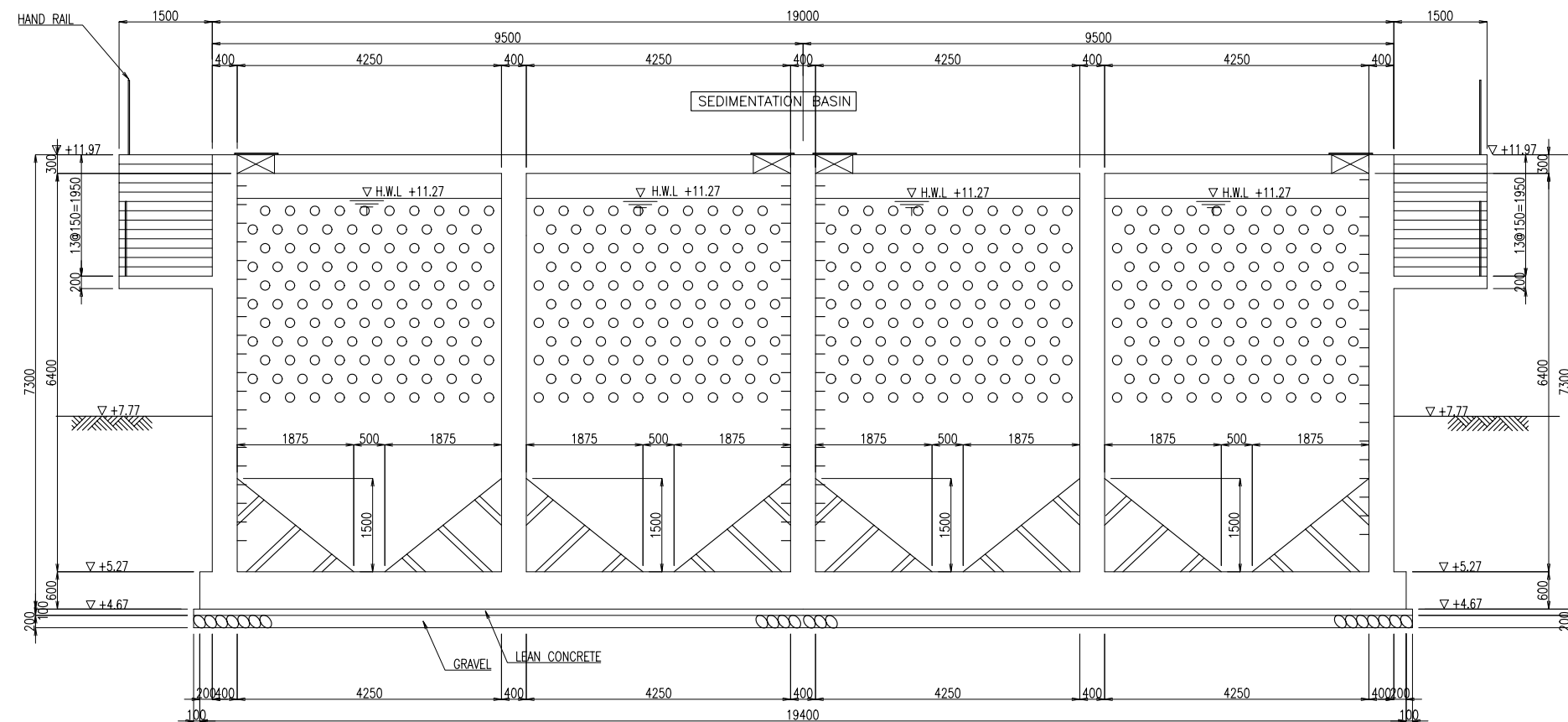
S=1:100



KEY PLAN



SECTION L-L

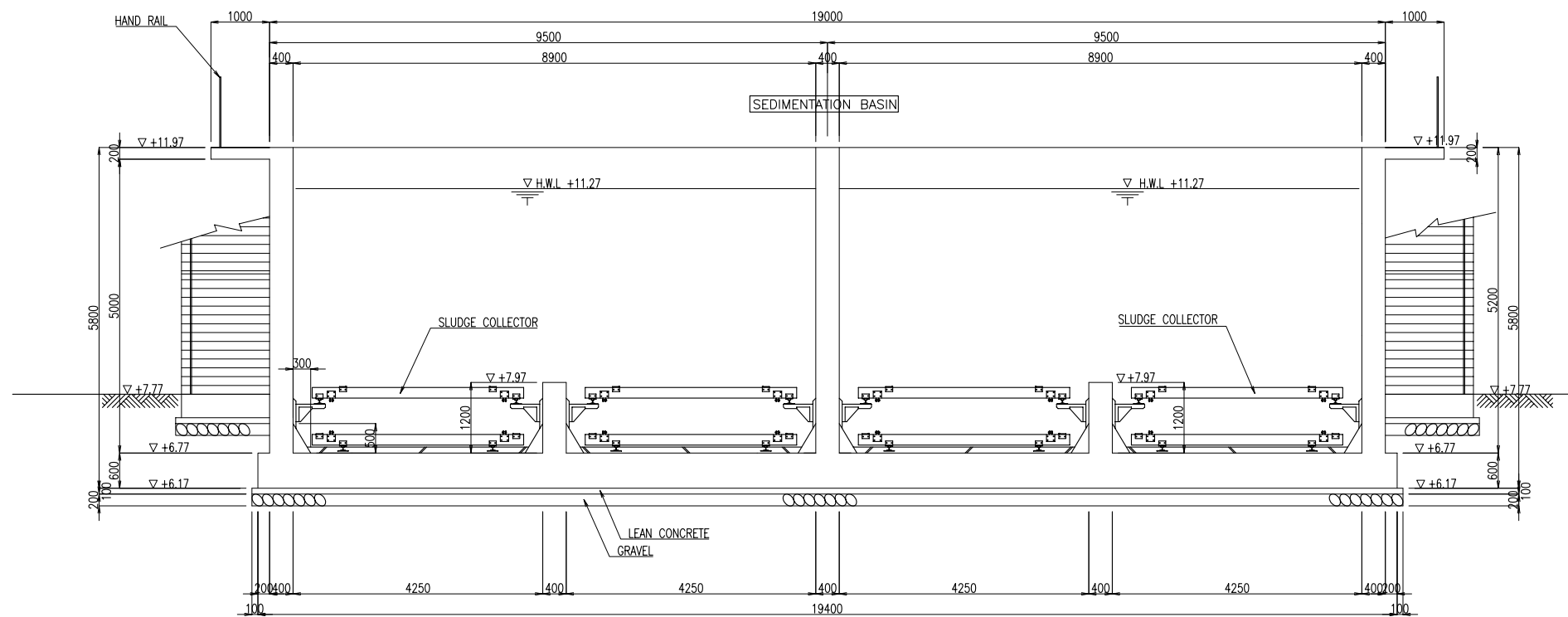


SWP-16 薬品混和池・フロック形成池・薬品沈殿池 断面図 (3/4)

RECEIVING WELL ~ SEDIMENTATION BASIN - SECTIONS (4/4)

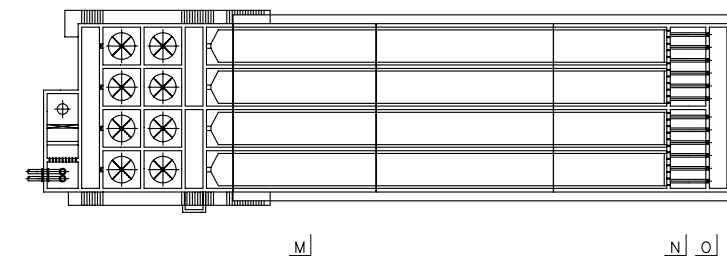
S=1:100

SECTION M-M



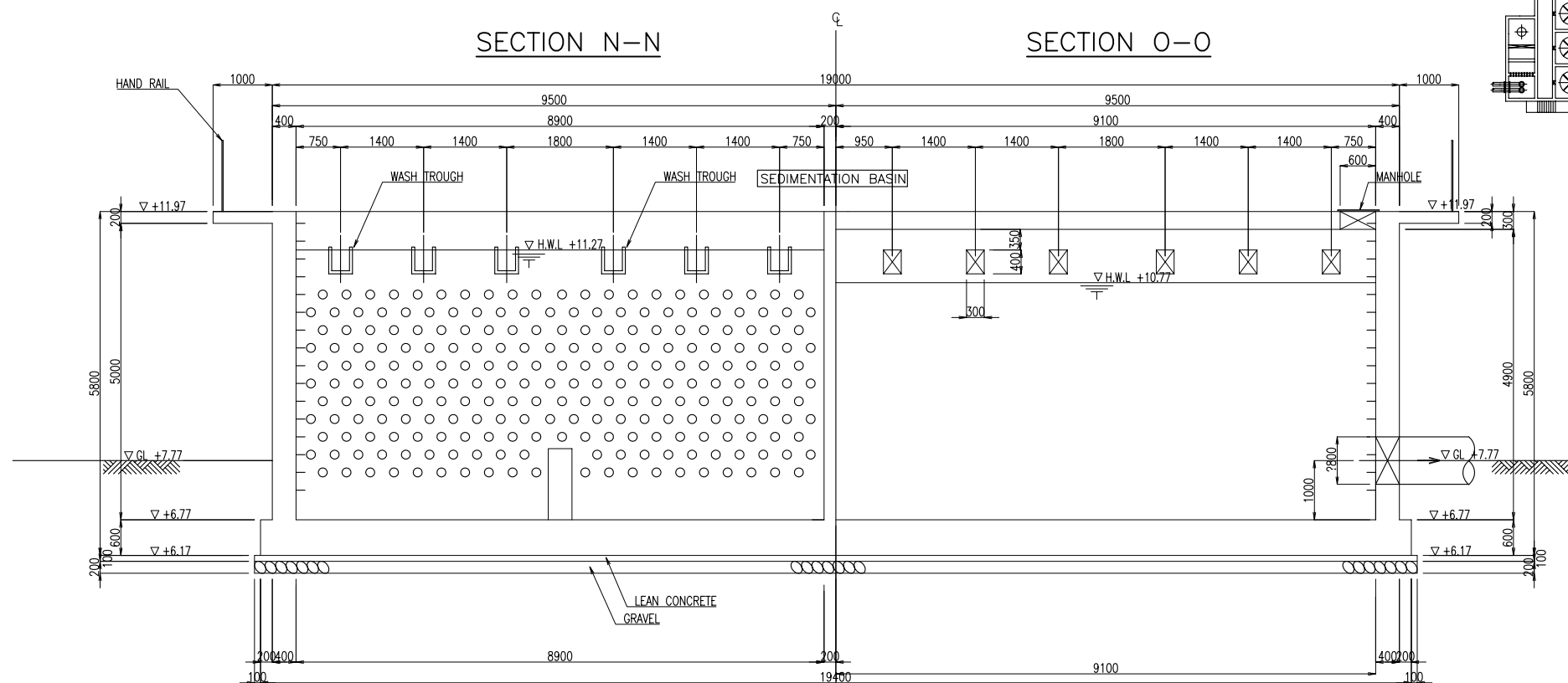
KEY PLAN

M | N | O



SECTION N-N

SECTION O-O

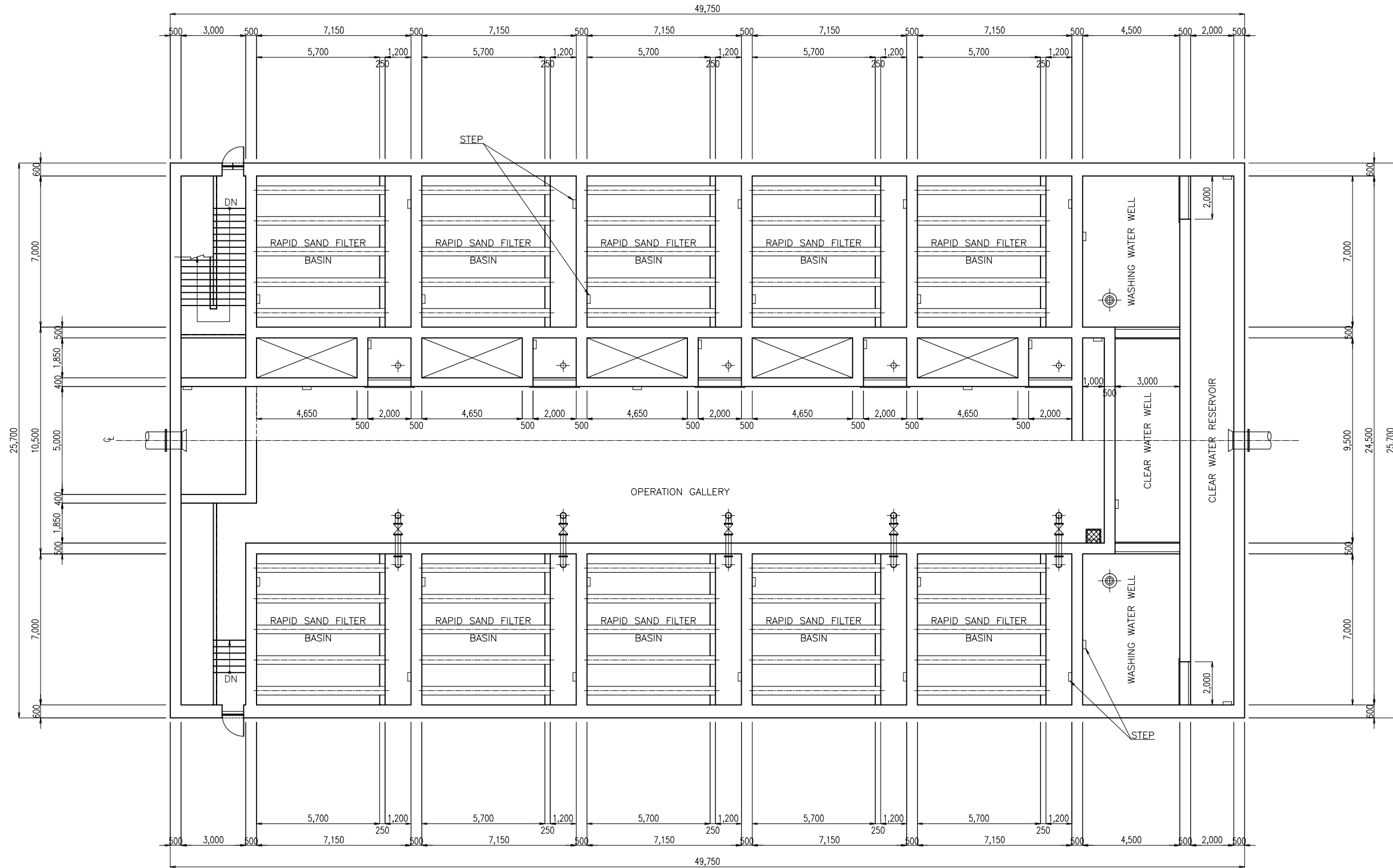


SWP-17 薬品混和池・フロック形成池・薬品沈殿池 断面図 (4/4)

RAPID SAND FILTER - PLAN

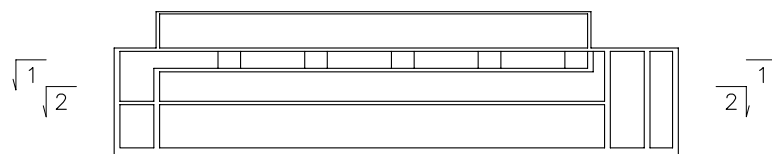
S=1:200

SECTION 1-1



SECTION 2-2

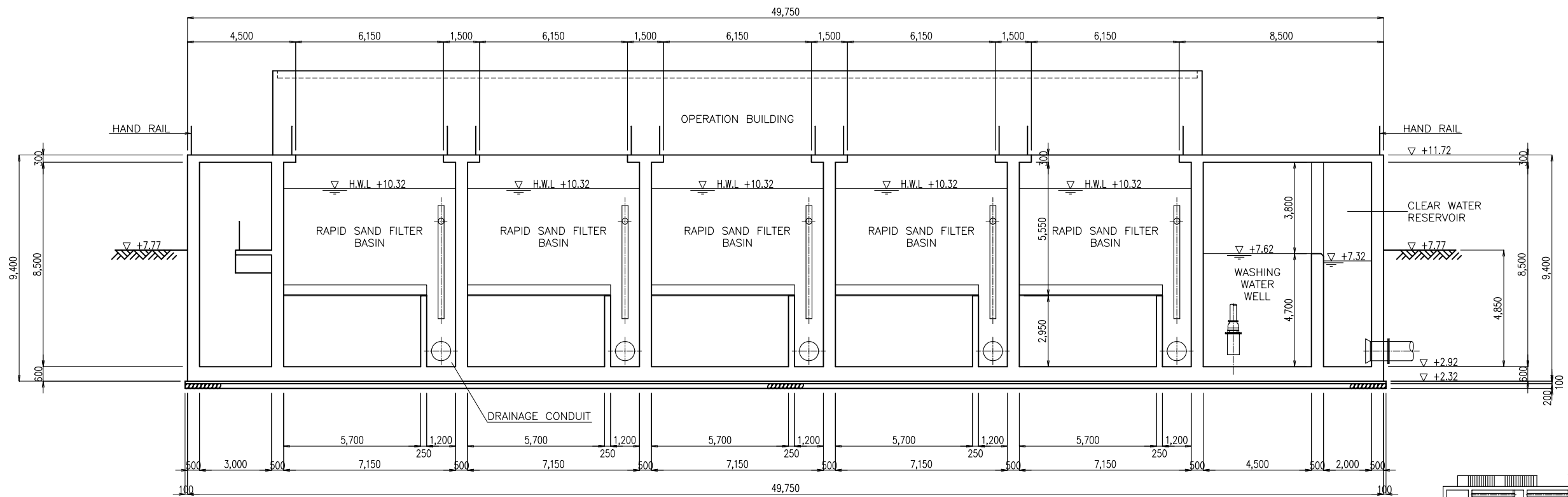
KEY PLAN



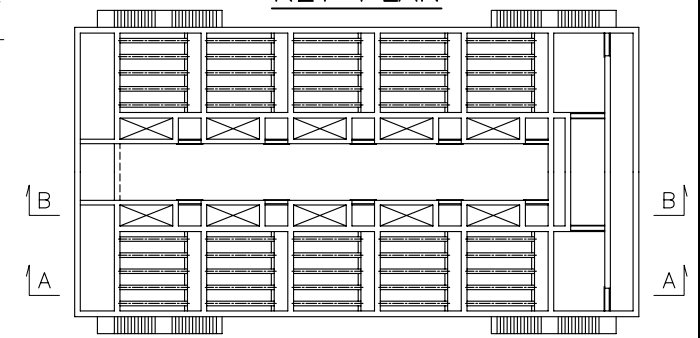
RAPID SAND FILTER – SECTIONS (1/2)

S=1:200

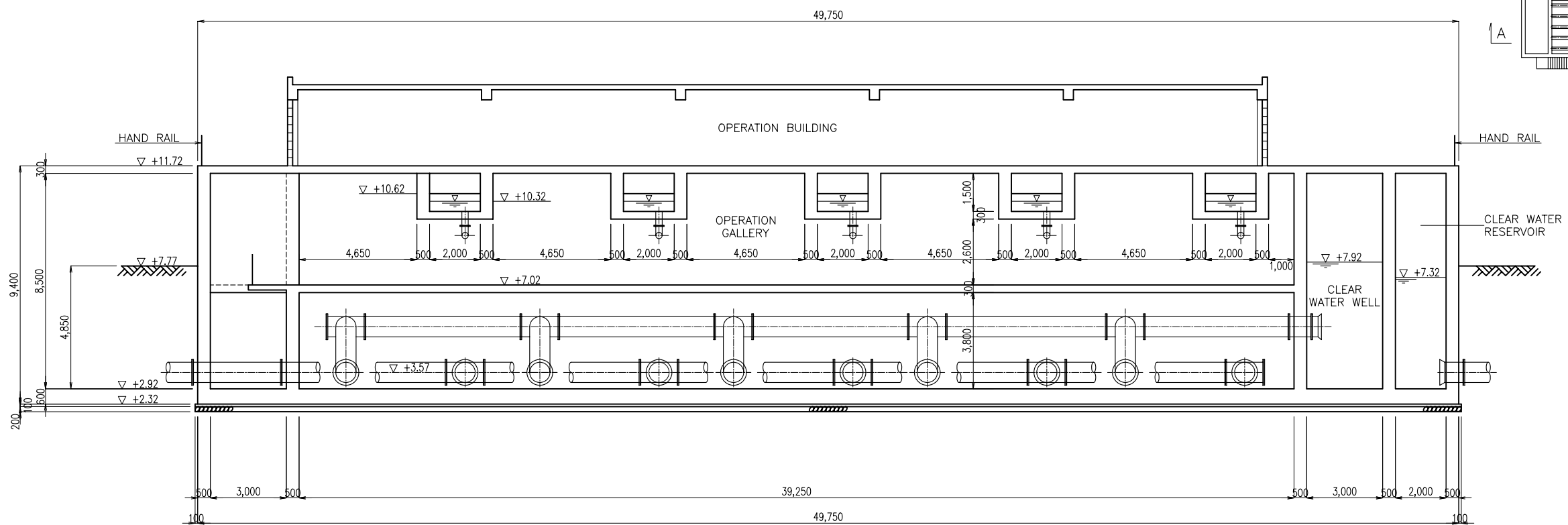
SECTION A-A



KEY PLAN

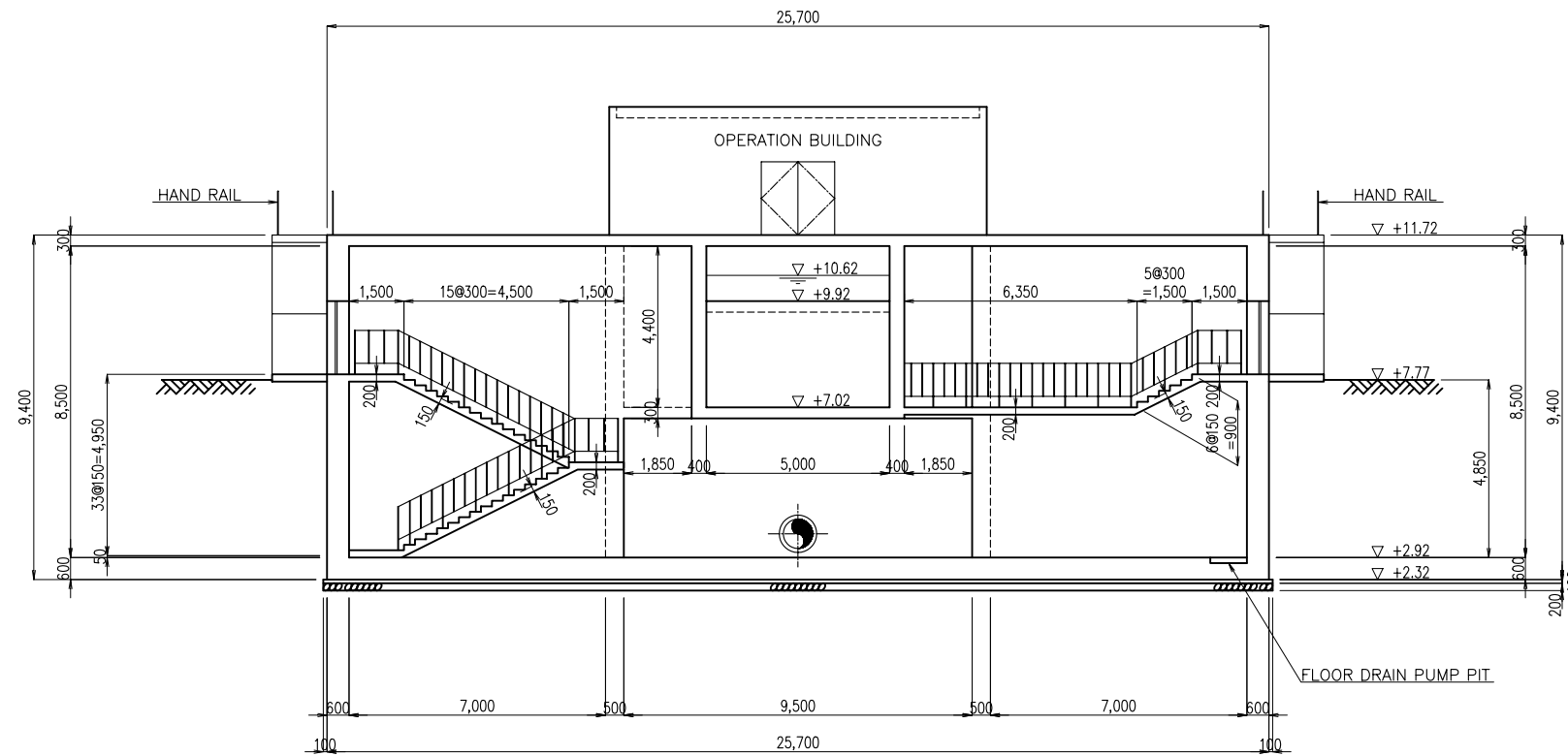


SECTION B-B

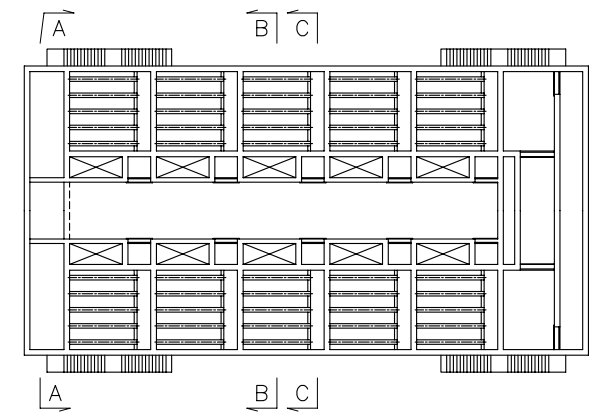


RAPID SAND FILTER – SECTIONS (2/2)
S=1:200

SECTION A-A

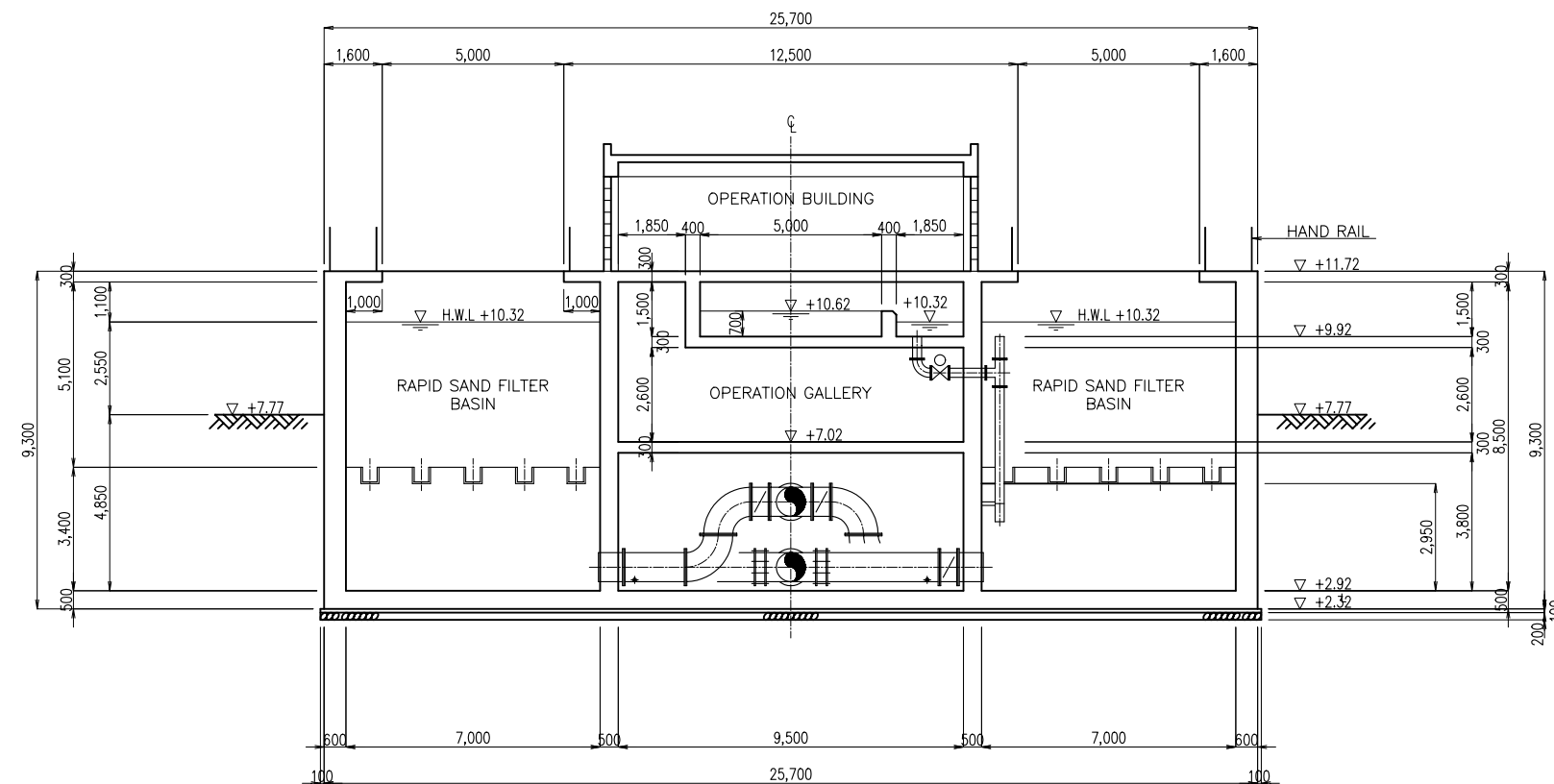


KEY PLAN



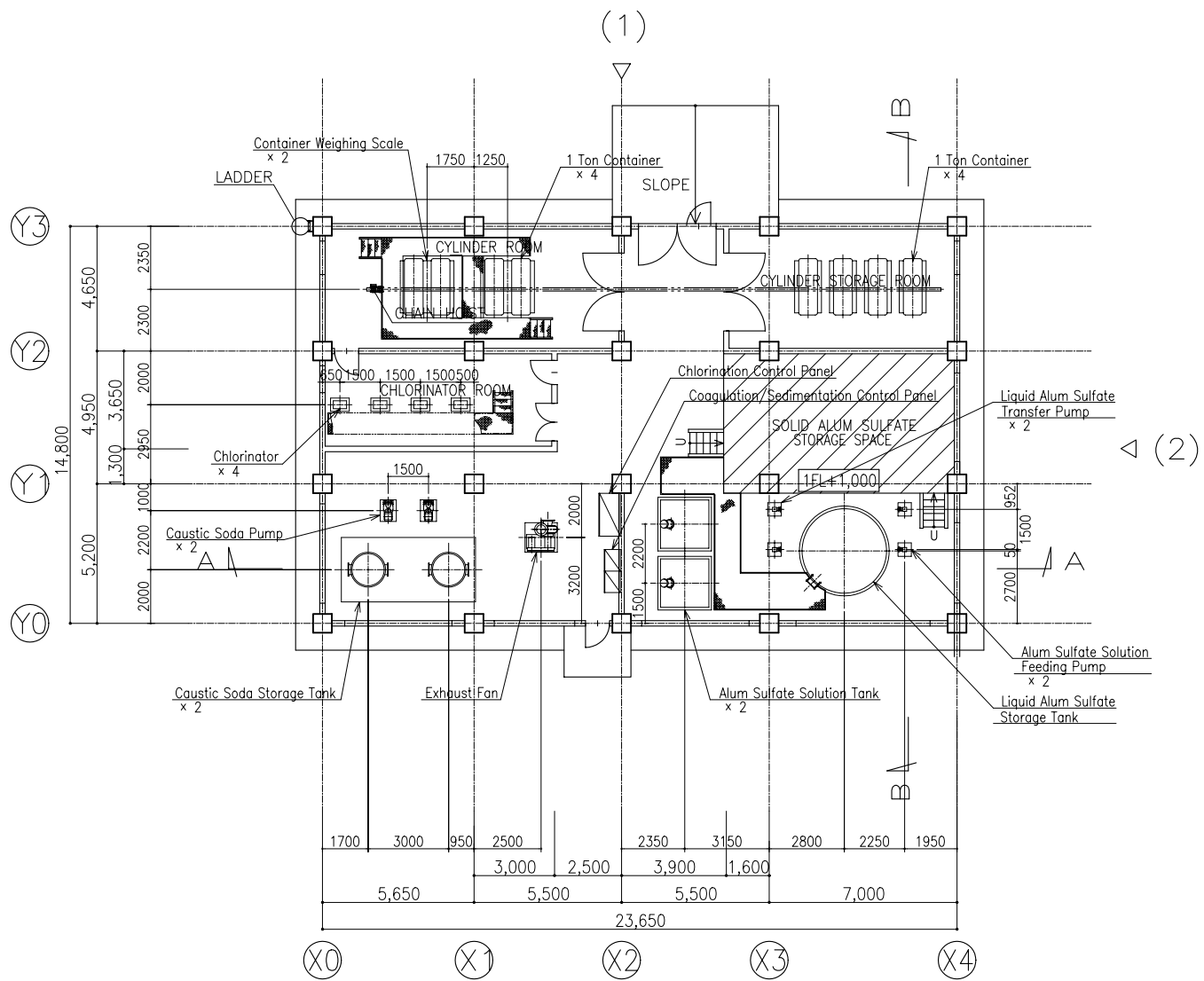
SECTION B-B

SECTION C-C



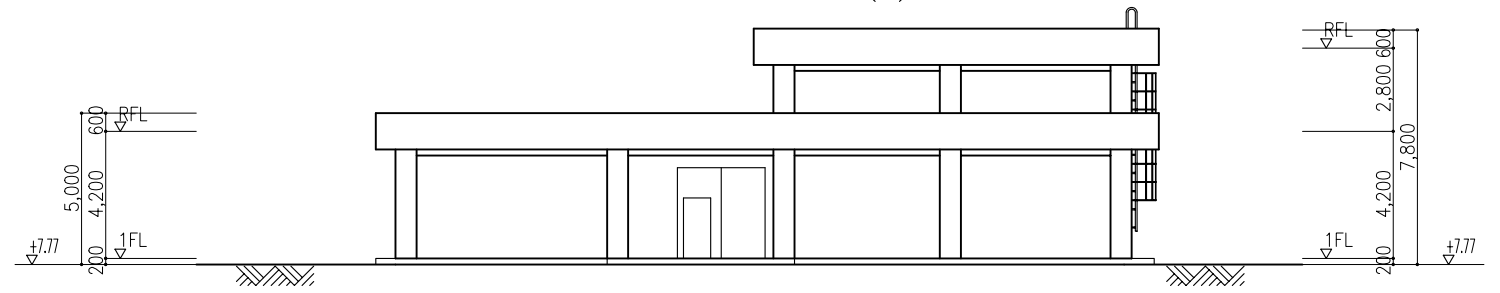
SWP-20 急速ろ過池 断面図 (2/2)

PLAN - GROUND FLOOR

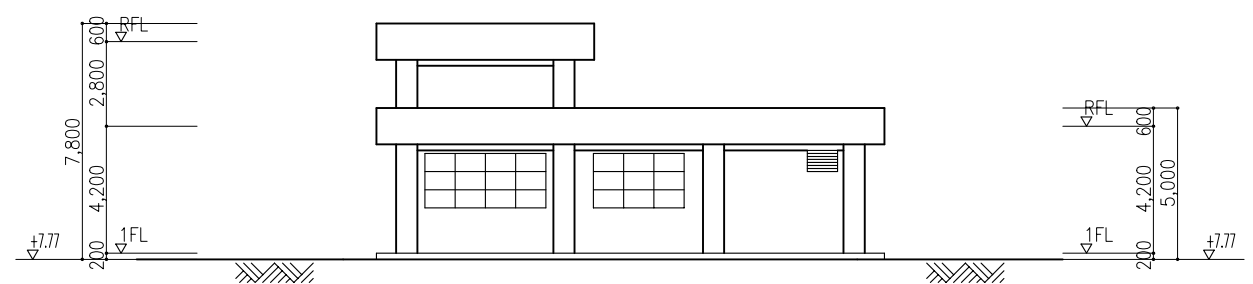


SECTION A-A

ELEVATION (1)

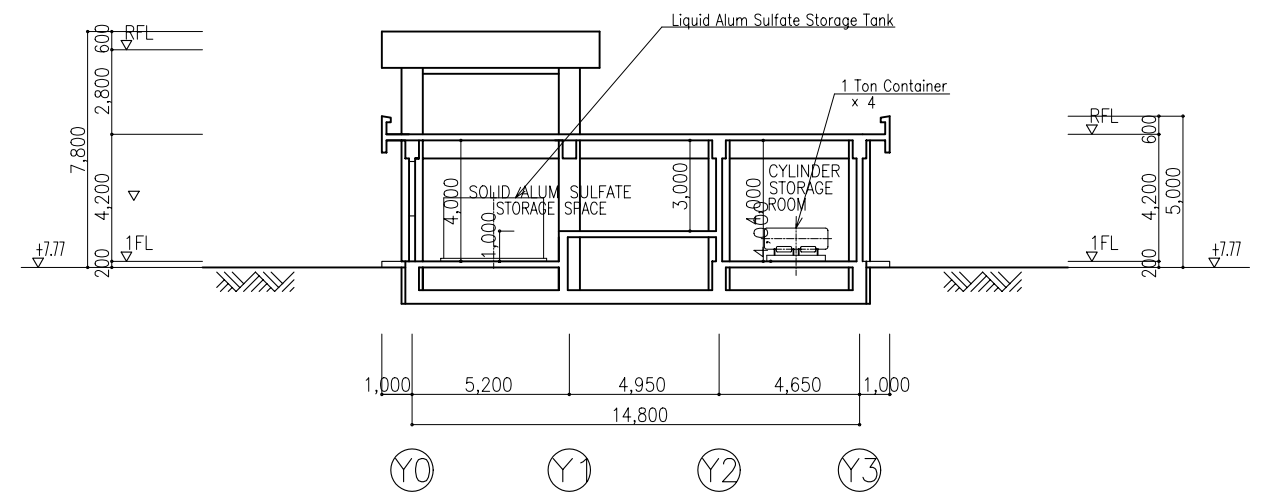
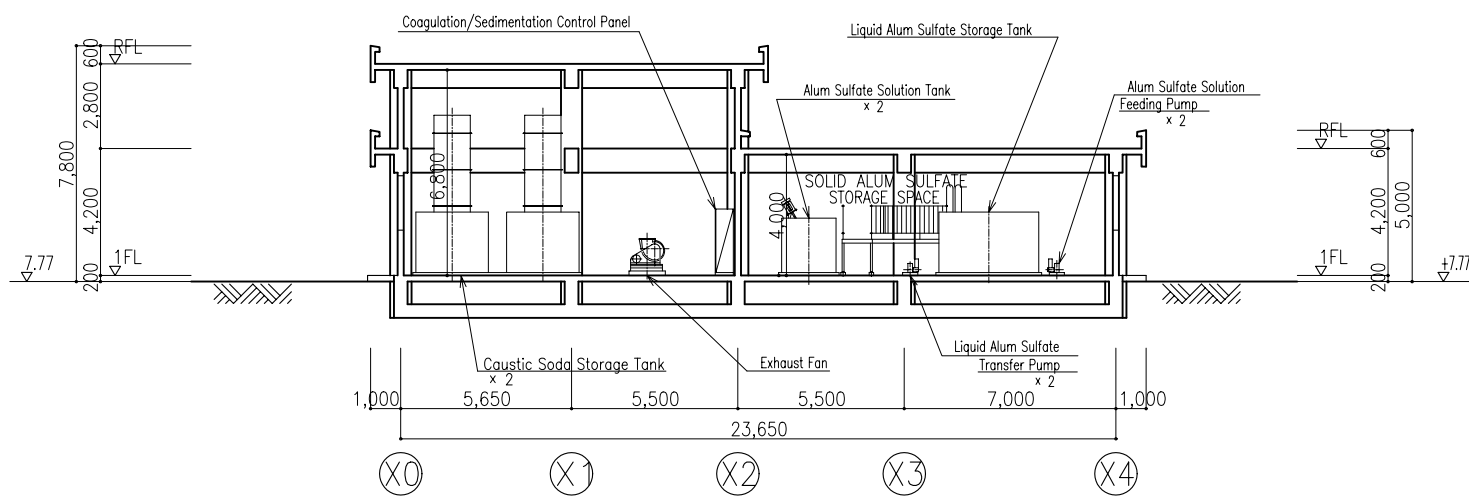


ELEVATION (2)



ELEVATION (2)

SECTION B-B

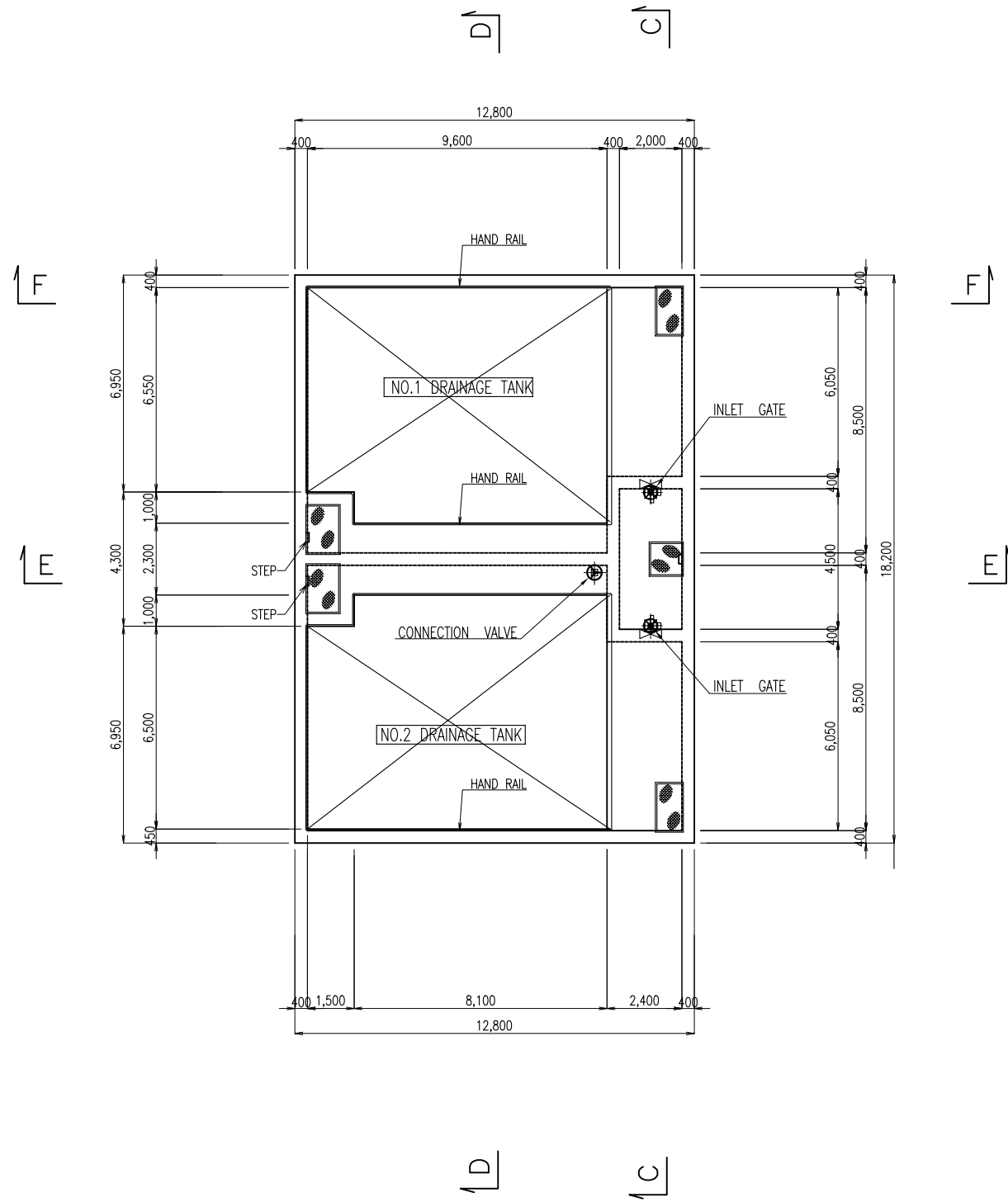


SWP-21 薬品注入棟 配置図・立面図・断面図

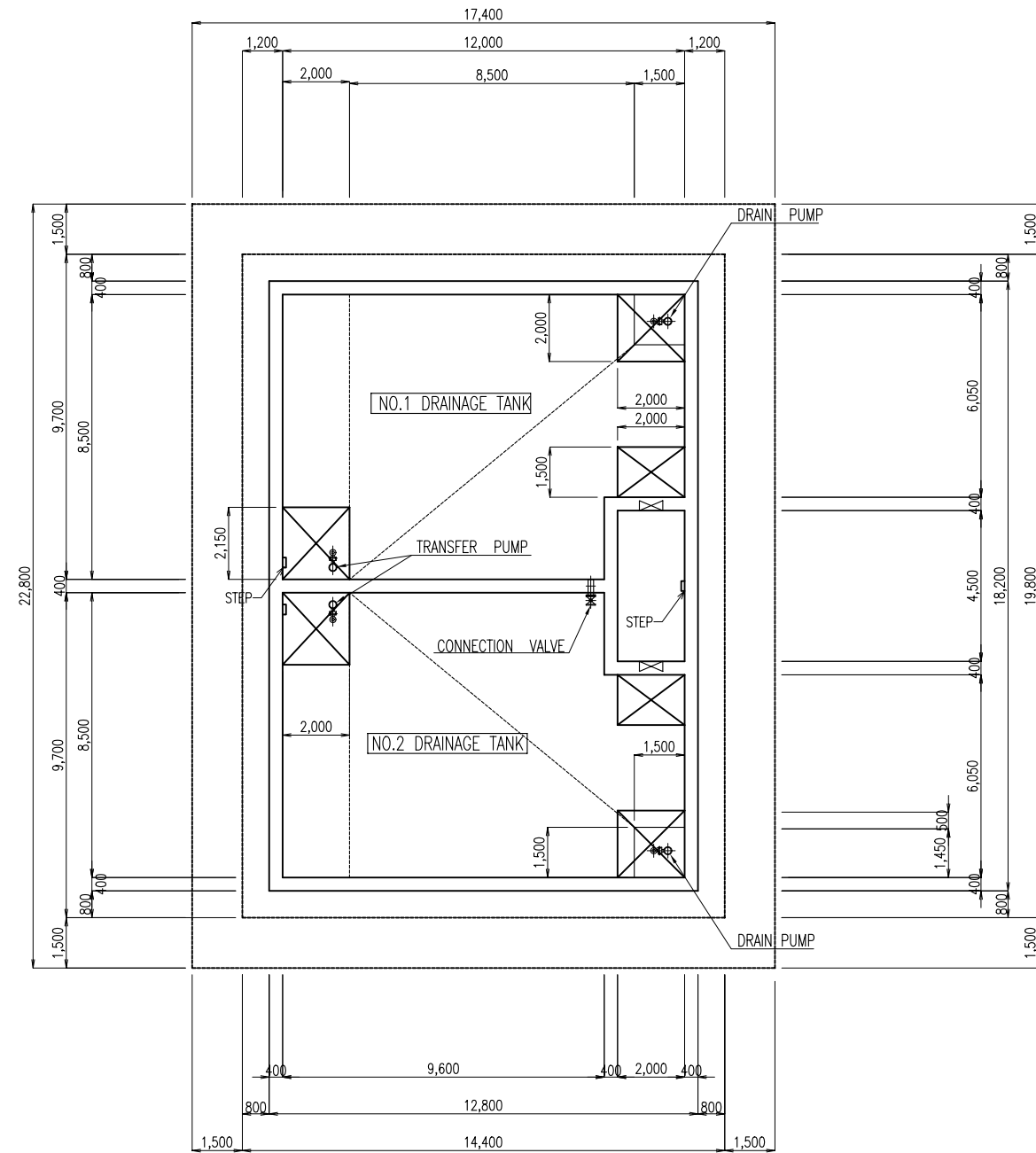
DRAINAGE TANK - PLANS

S=1:200

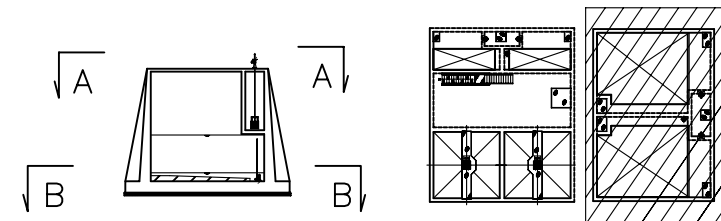
SECTION A-A



SECTION B-B



KEY PLAN

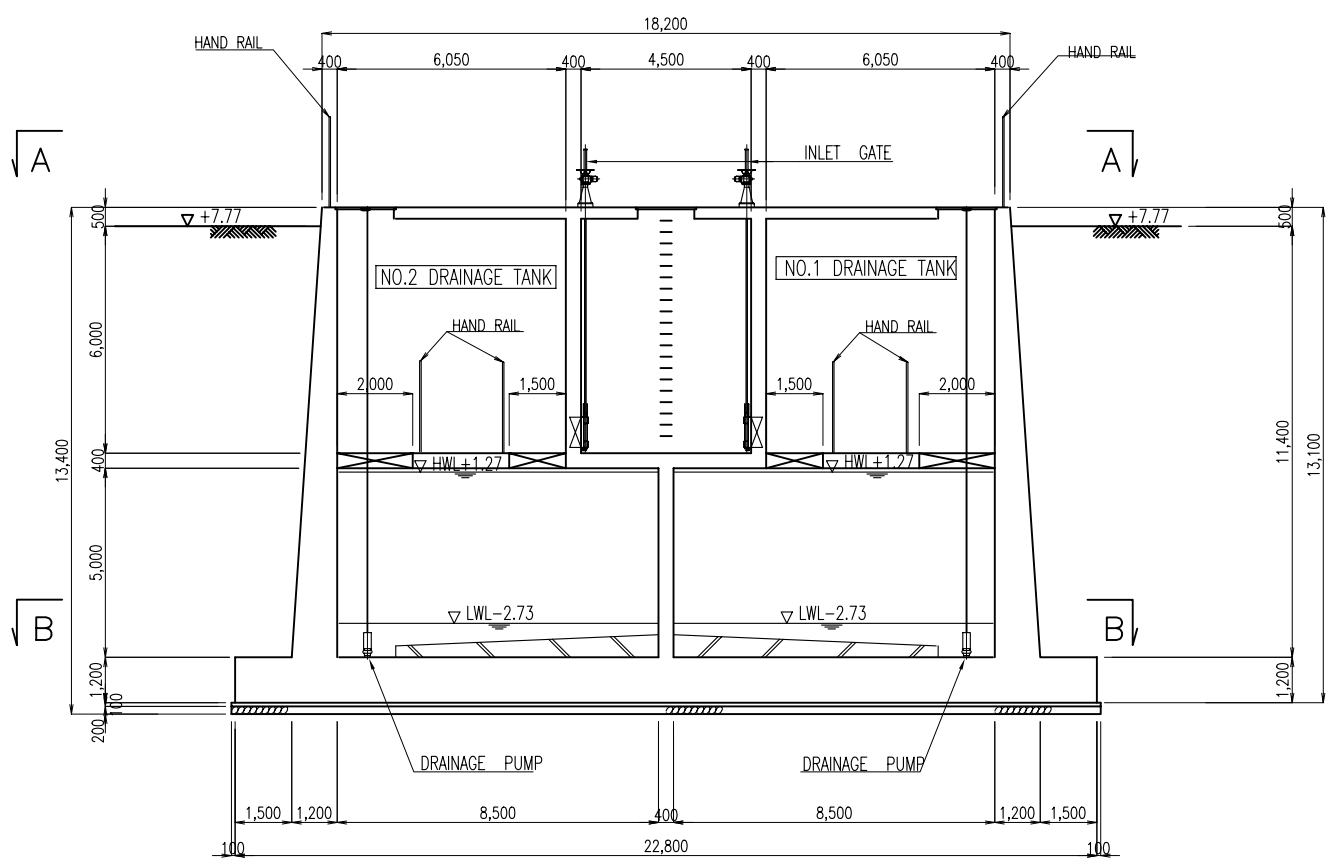


SWP-22 排水池 平面图

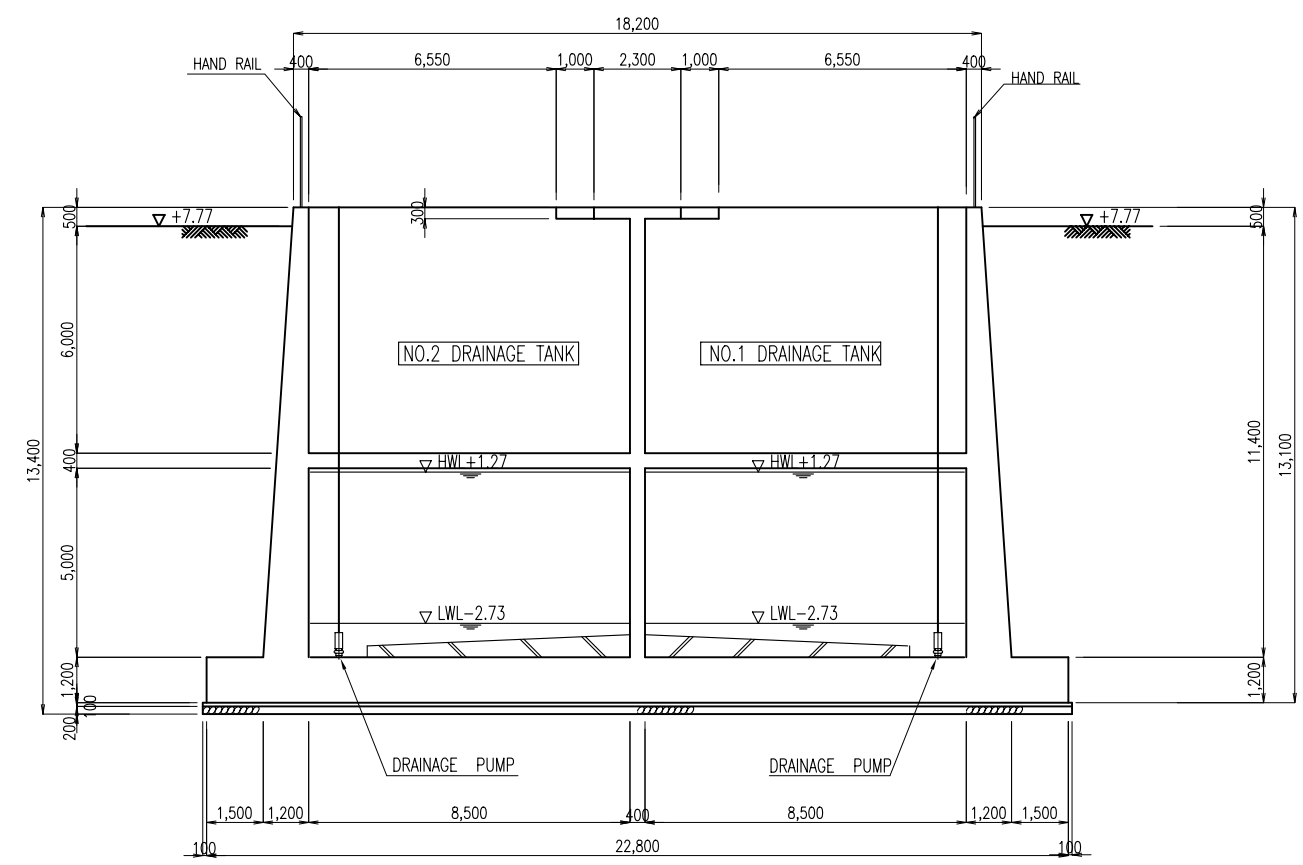
DRAINAGE TANK – SECTIONS

S=1:200

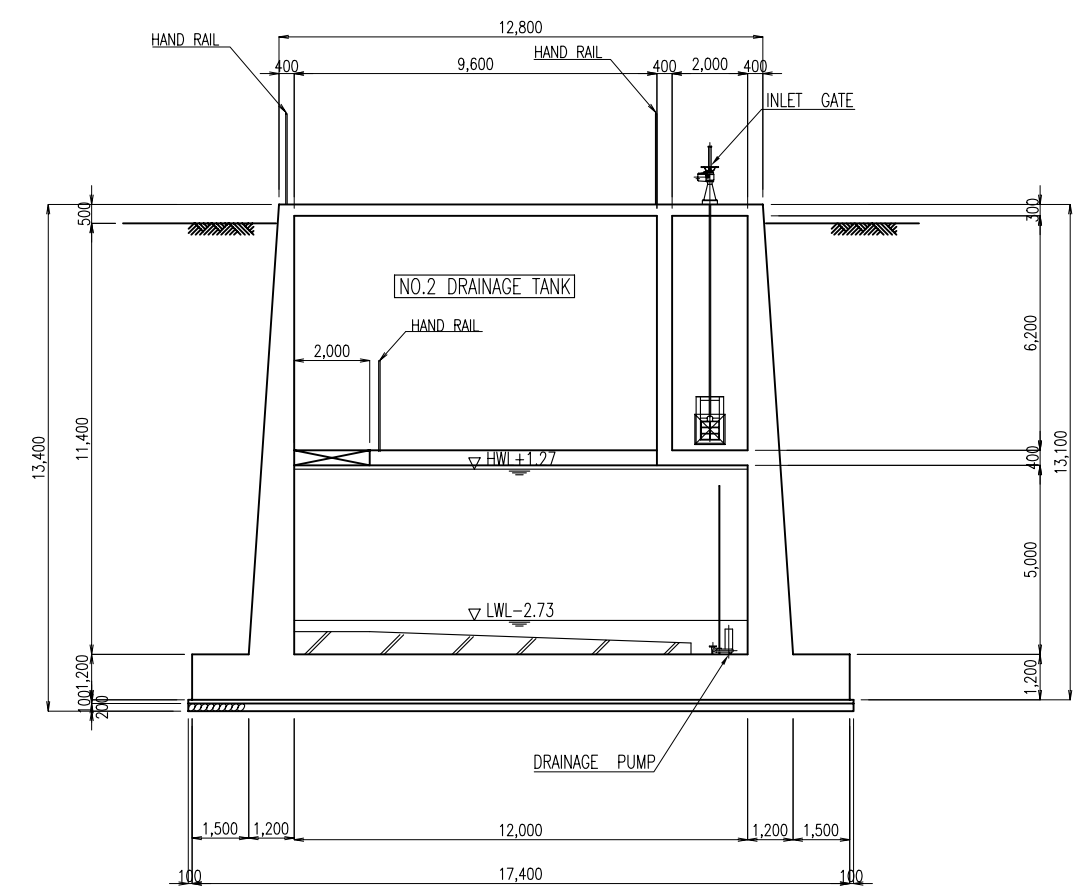
SECTION C-C



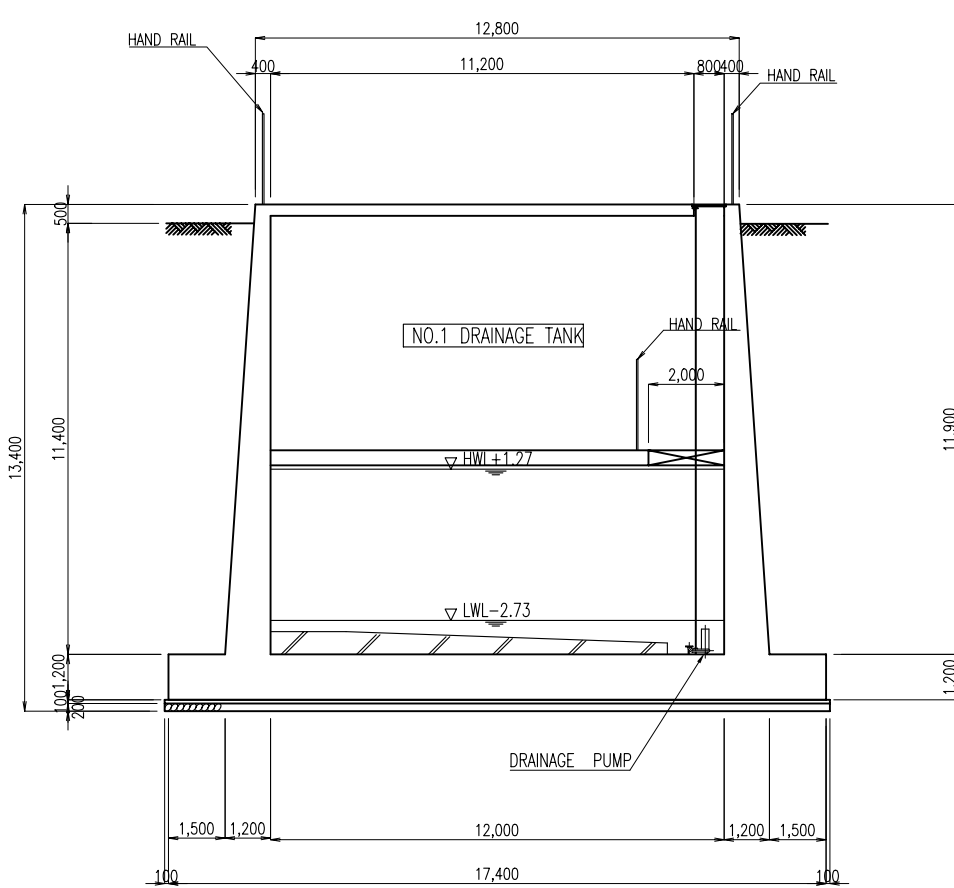
SECTION D-D



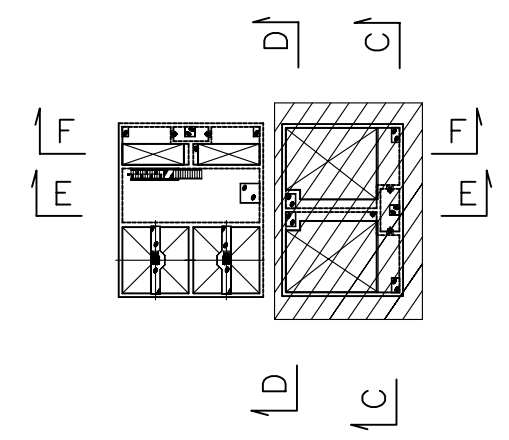
SECTION E-E



SECTION F-F



KEY PLAN

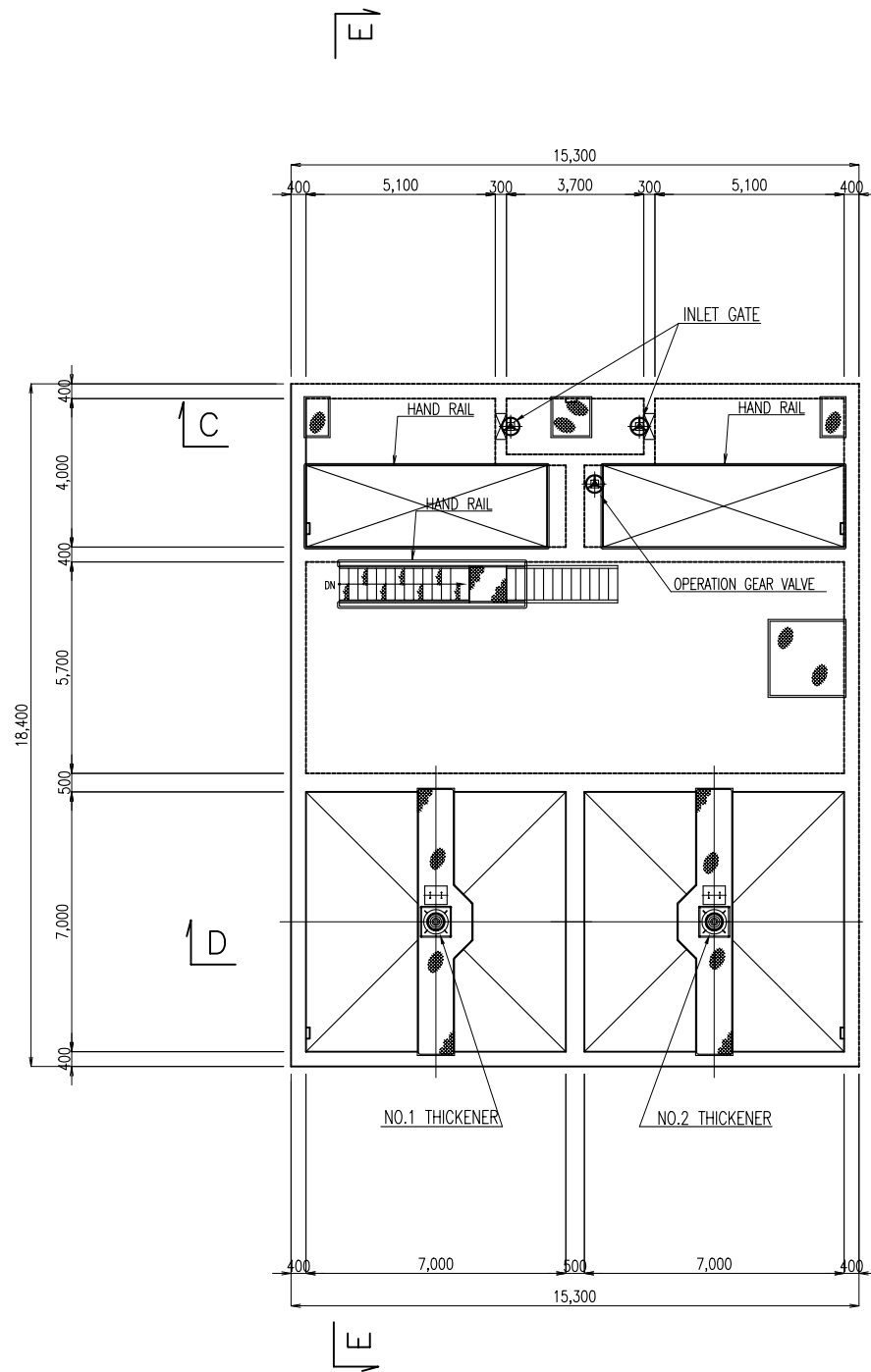


SWP-23 排水池 断面图

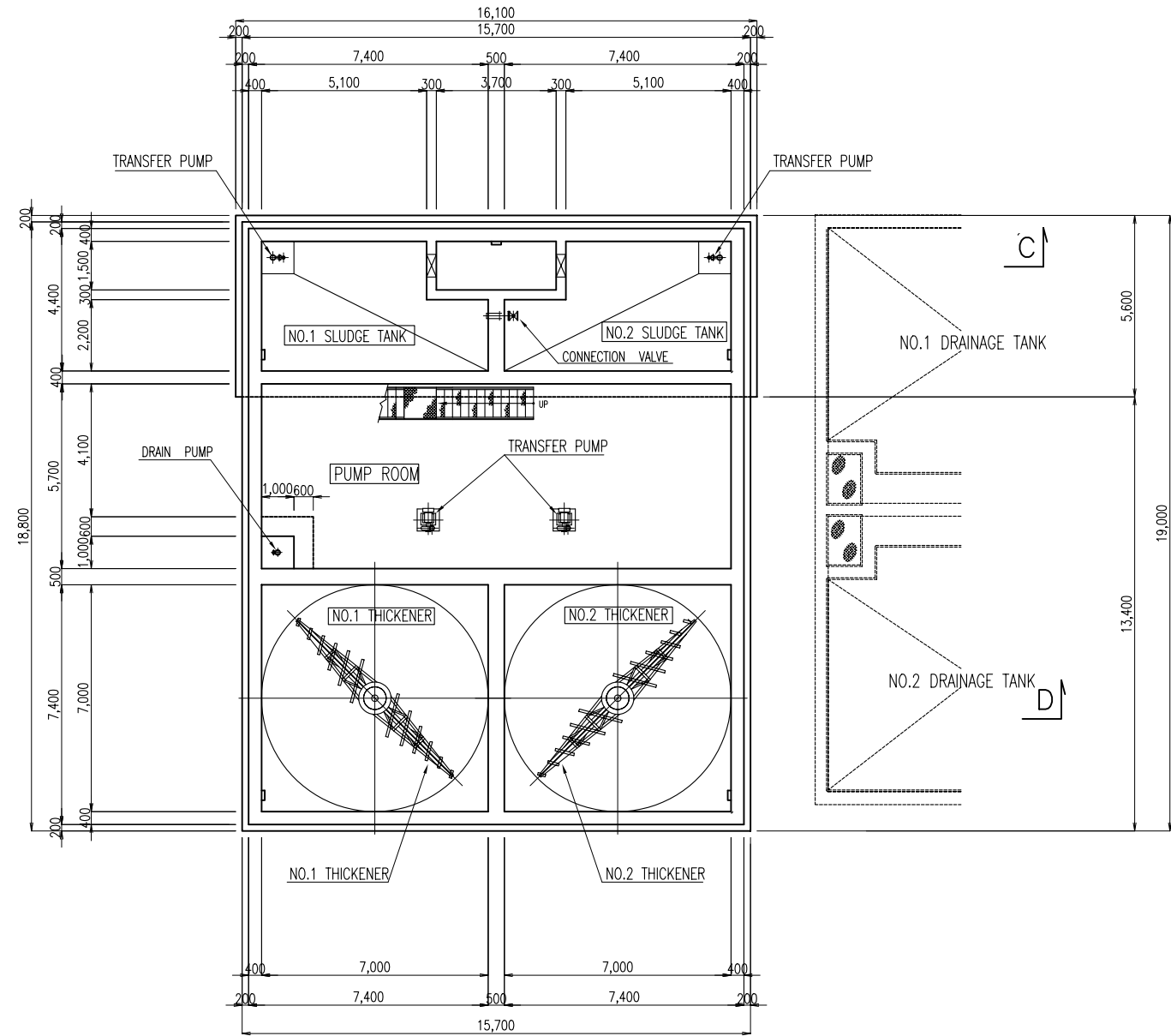
SLUDGE TANK & THICKENER - PLANS

S=1:200

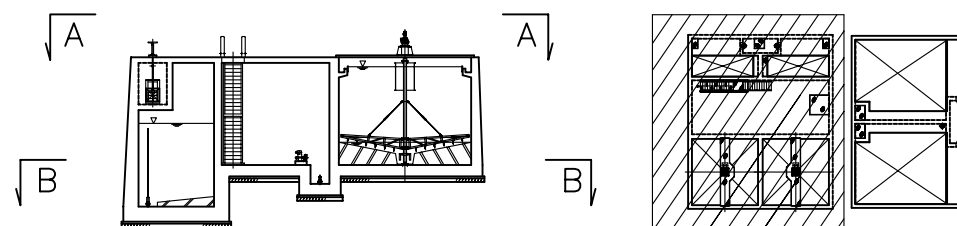
SECTION A-A



SECTION B-B



KEY PLAN

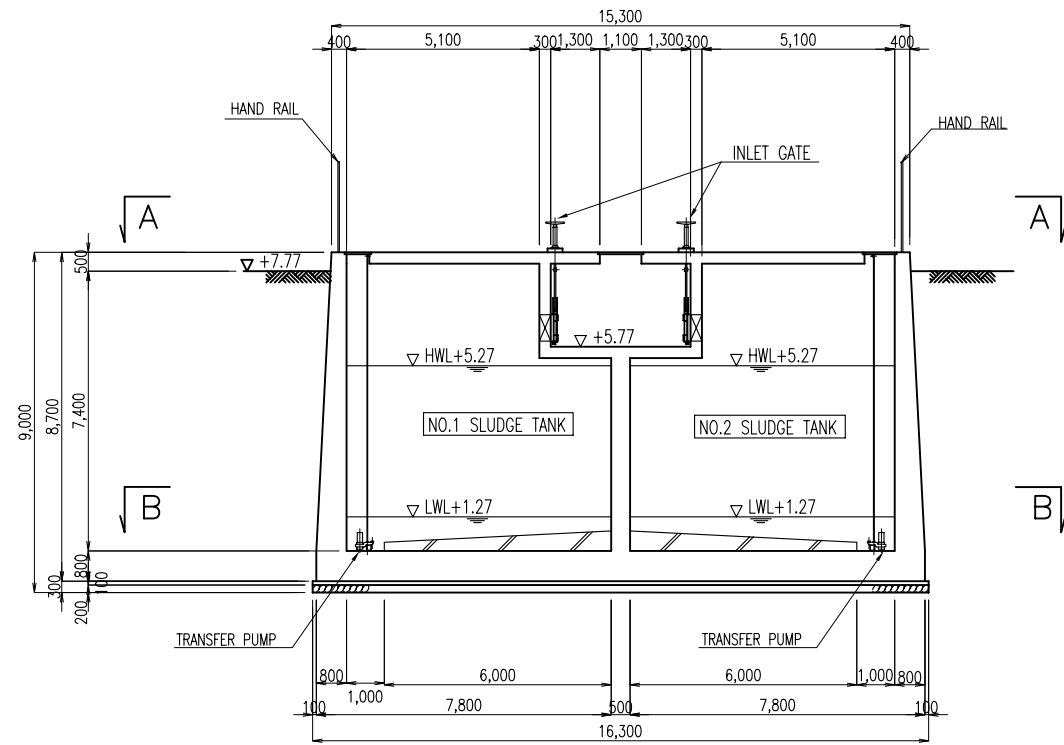


SWP-24 排泥池・濃縮槽 平面図

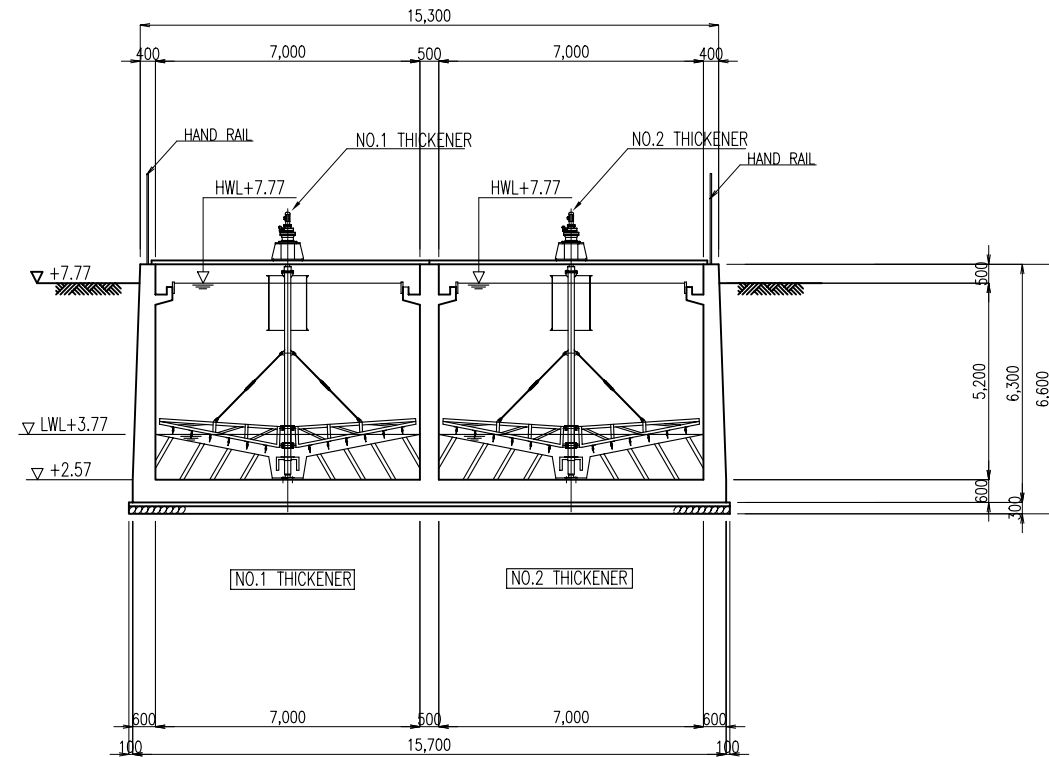
SLUDGE TANK & THICKENER – SECTIONS

S=1:200

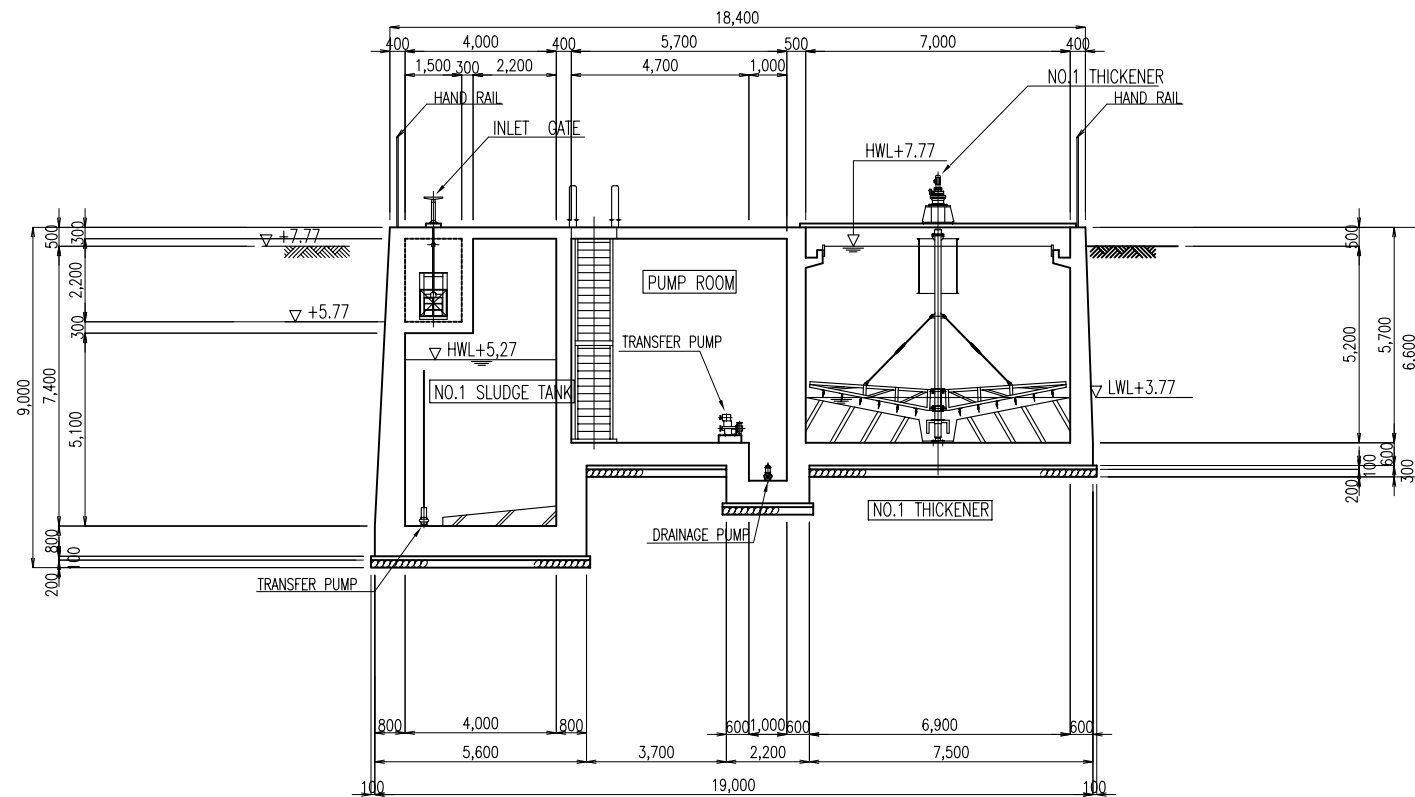
SECTION C-C



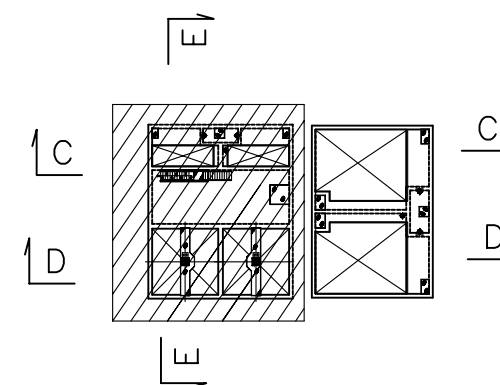
SECTION D-D



SECTION E-E



KEY PLAN

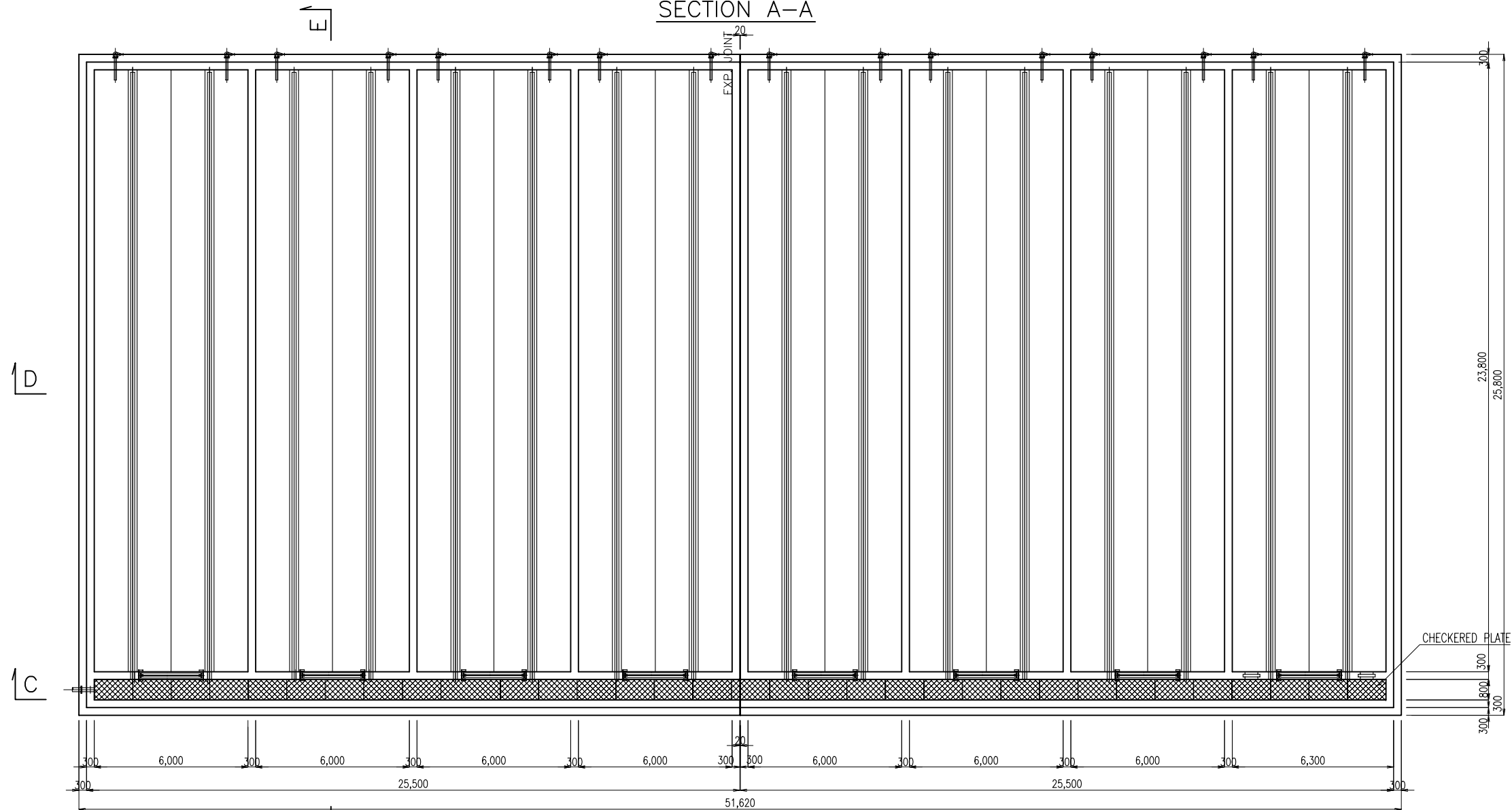


SWP-25 排泥池・濃縮槽 断面図

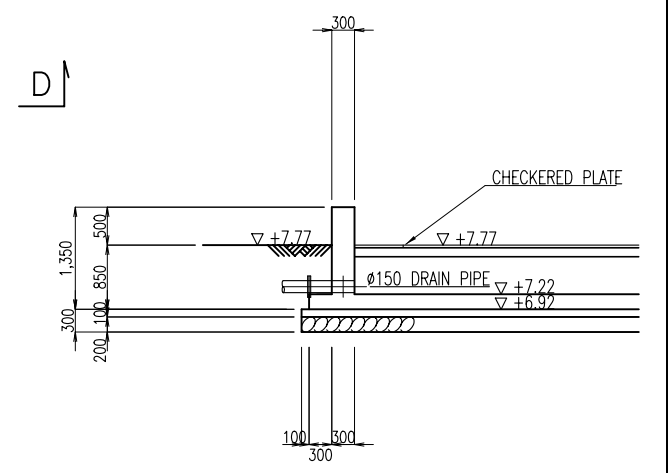
SLUDGE DRYING BED - PLAN

S=1:200

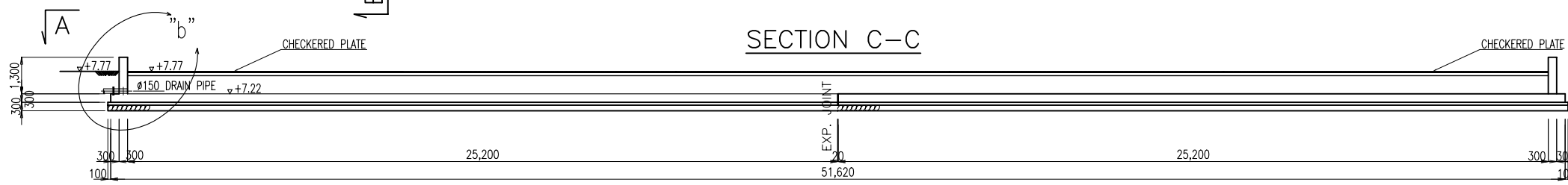
SECTION A-A



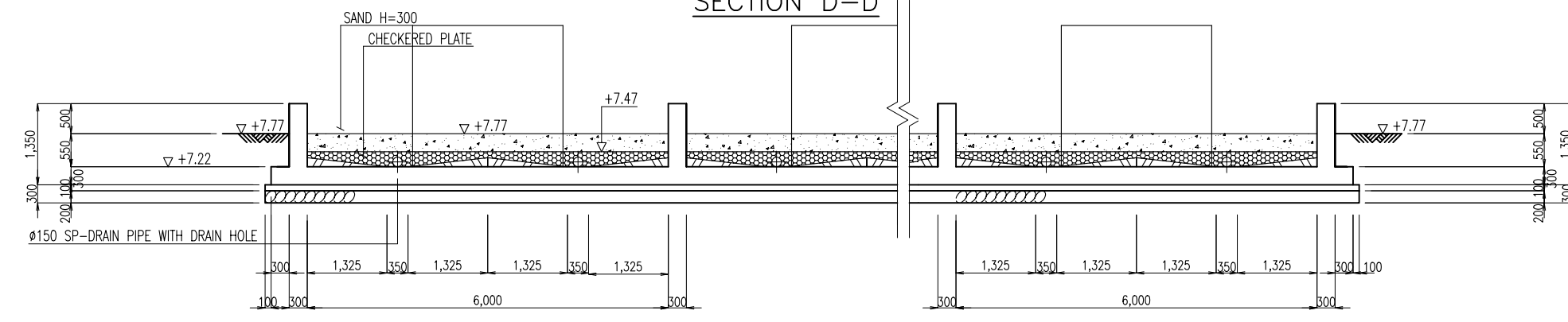
"b" DETAIL



SECTION C-C



SECTION D-D

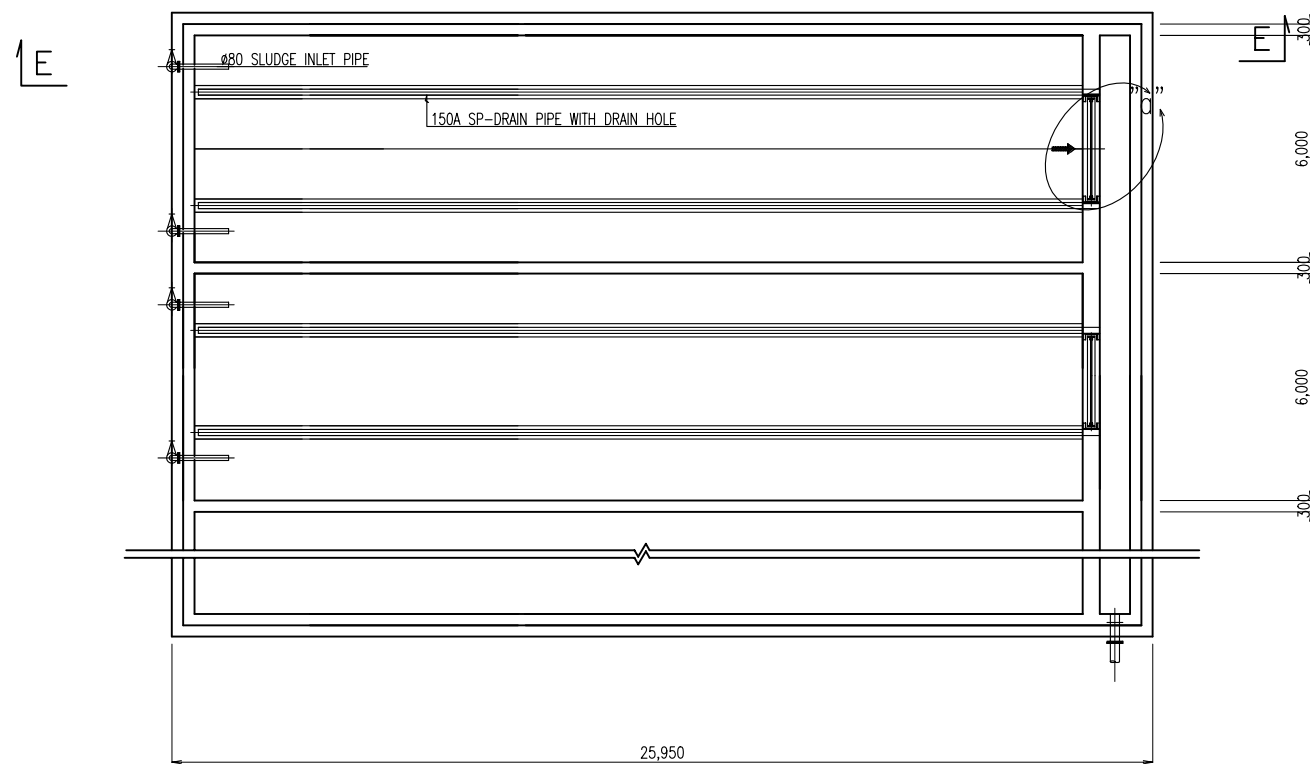


SWP-26 天日乾燥床 平面図

SLUDGE DRYING BED (2/2)

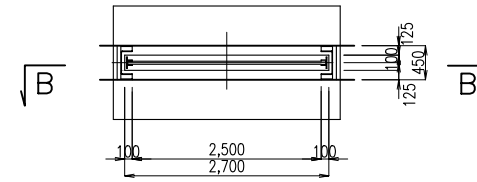
S=1:200

SECTION B-B S=1:200



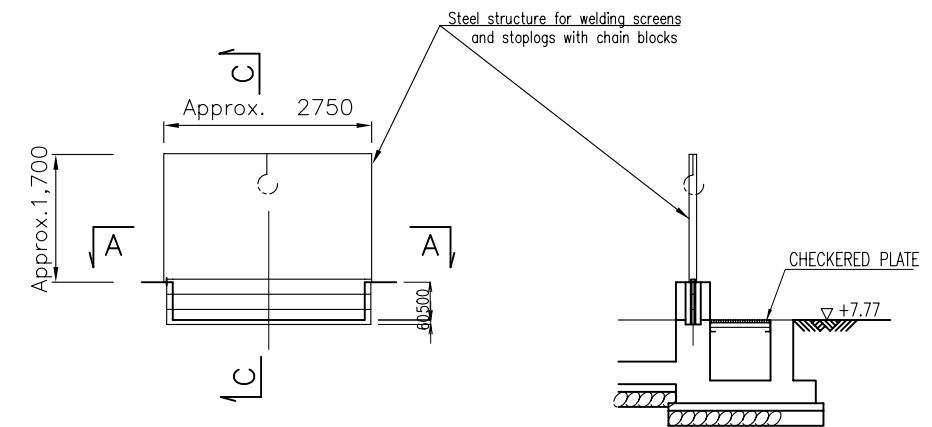
DETAIL "a" S=1/40

SECTION A-A

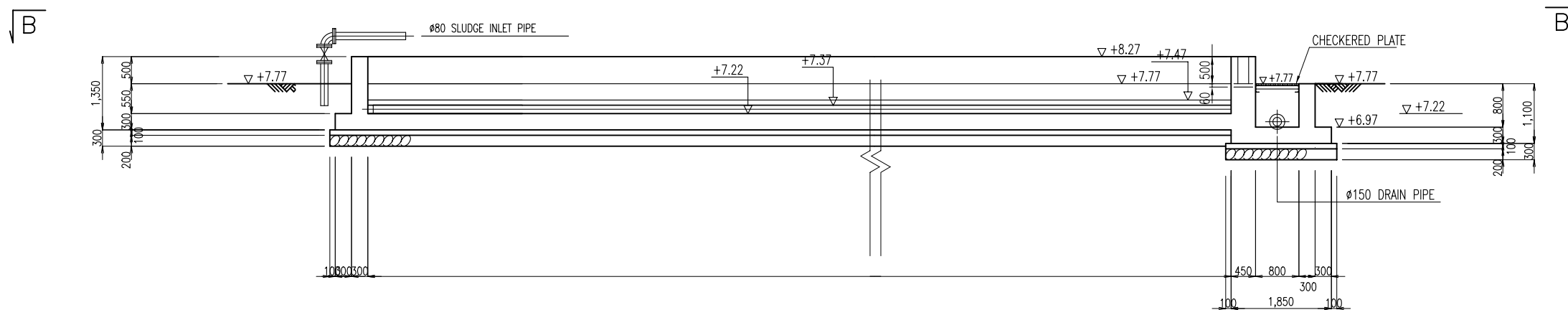


SECTION B-B

SECTION C-C



SECTION E-E S=1:200



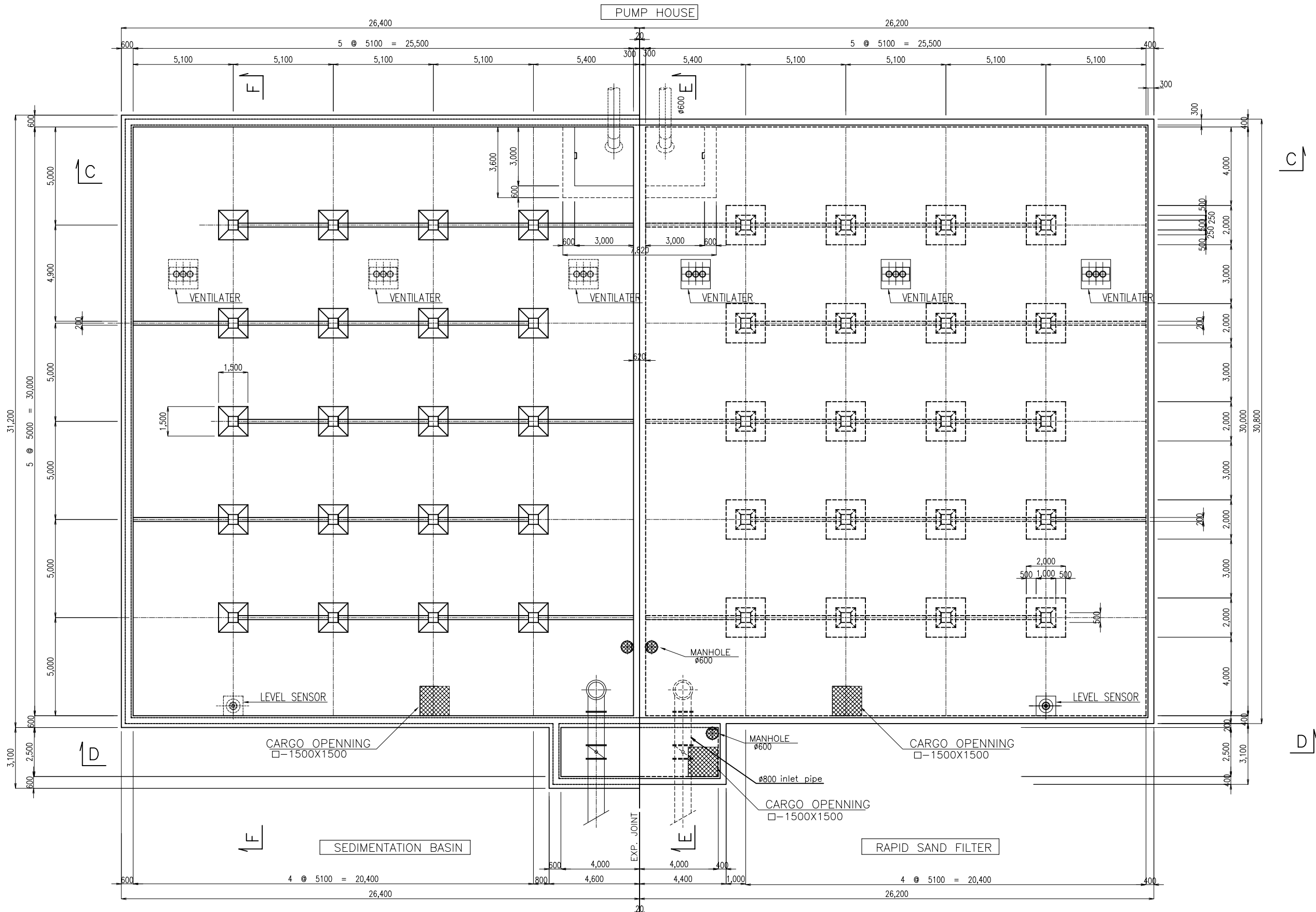
SWP-27 天日乾燥床 断面図

TREATED WATER RESERVOIR – PLAN

S=1:200

SECTION B-B

SECTION A-A

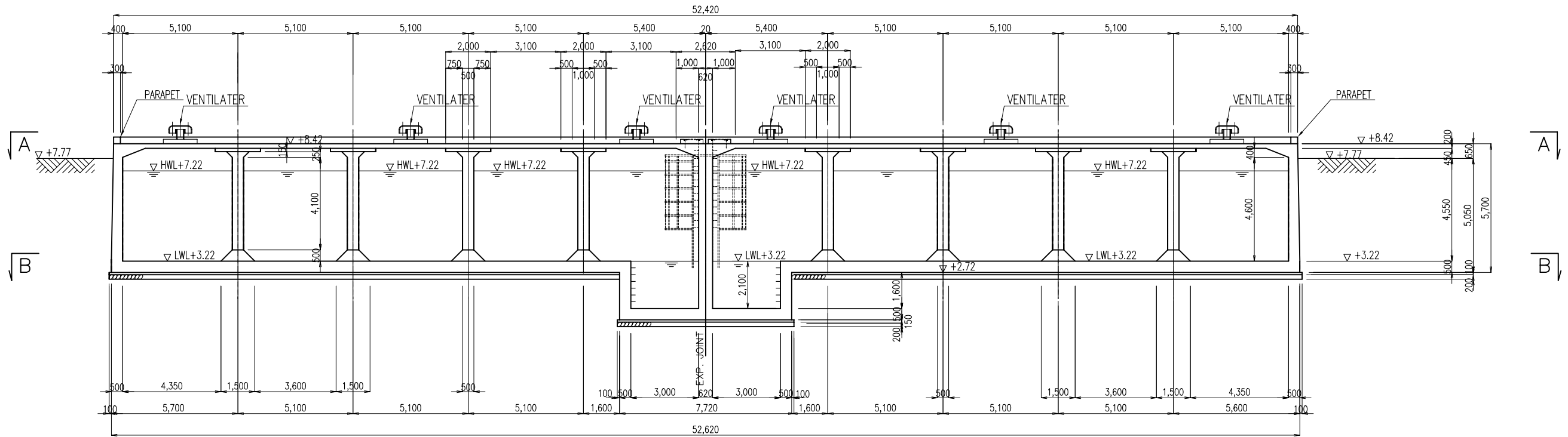


SWP-28 淨水池 平面図

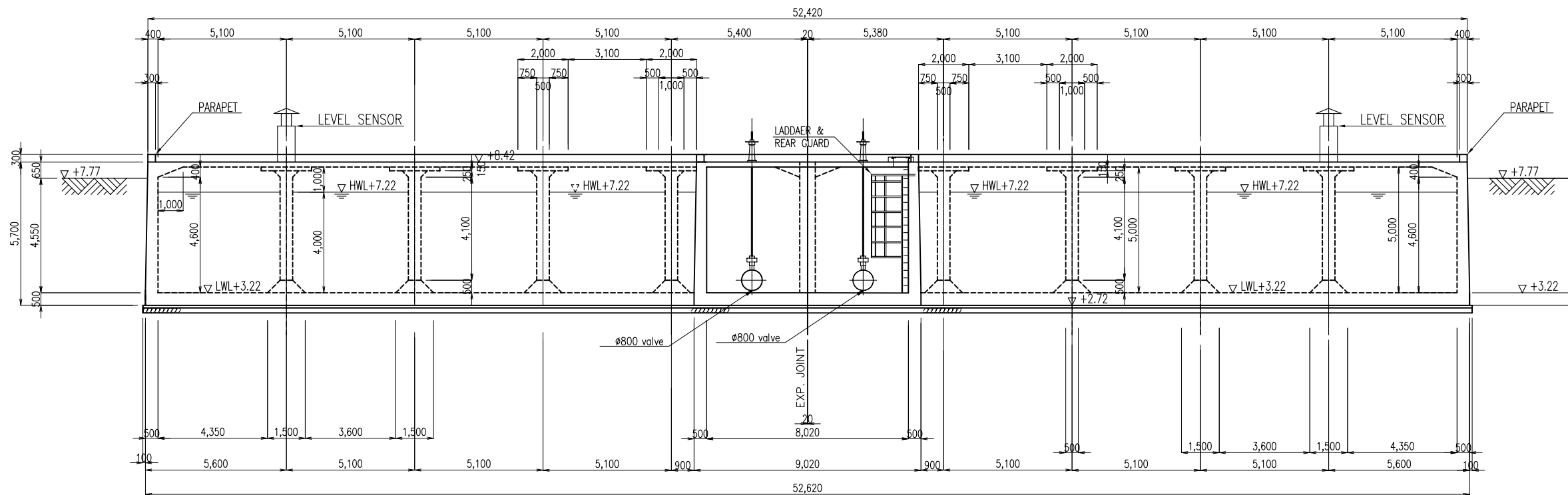
TREATED WATER RESERVOIR – SECTIONS (1/2)

S=1:200

SECTION C-C



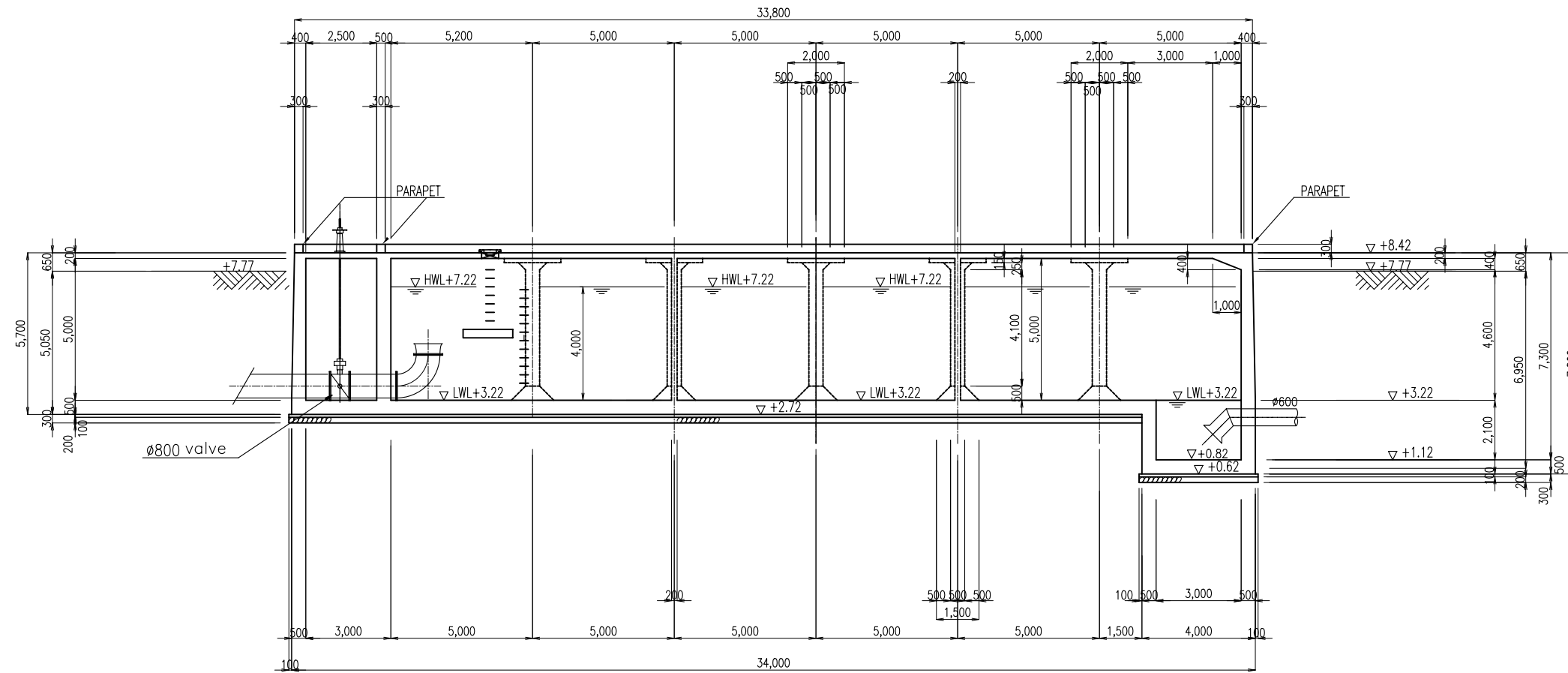
SECTION D-D



SWP-29 淨水池 断面图 (1/2)

TREATED WATER RESERVOIR (3/3)

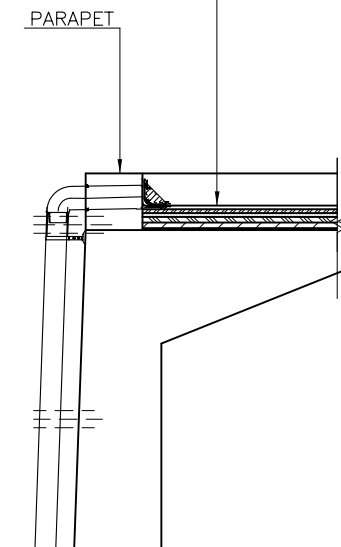
S=1:200
SECTION E-E



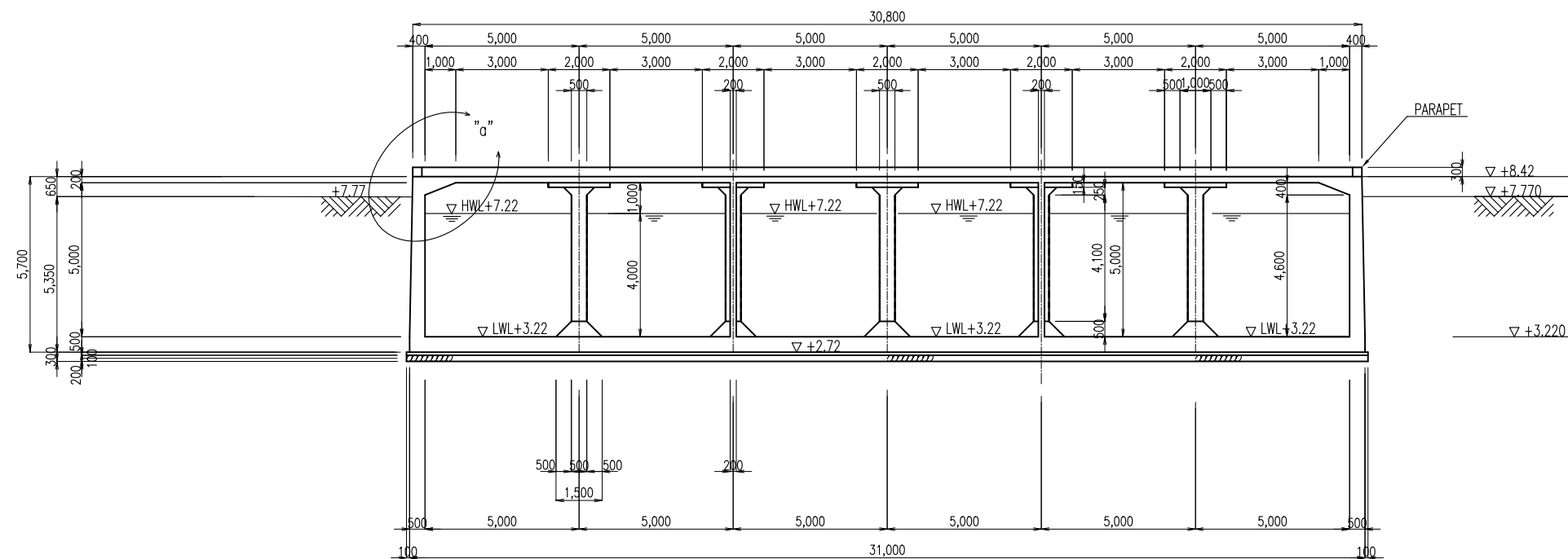
DETAIL "a"

S=1:40

- SAND CEMENT TILE t=20mm
- MORTAR t=20mm
- CINDER CONCRETE t=MIN 30mm
- POLYREME FORM t=30mm
- ASPHALT WATER PROOFING-2LAYERS
- CONC.STEEL TROWEL FINISH

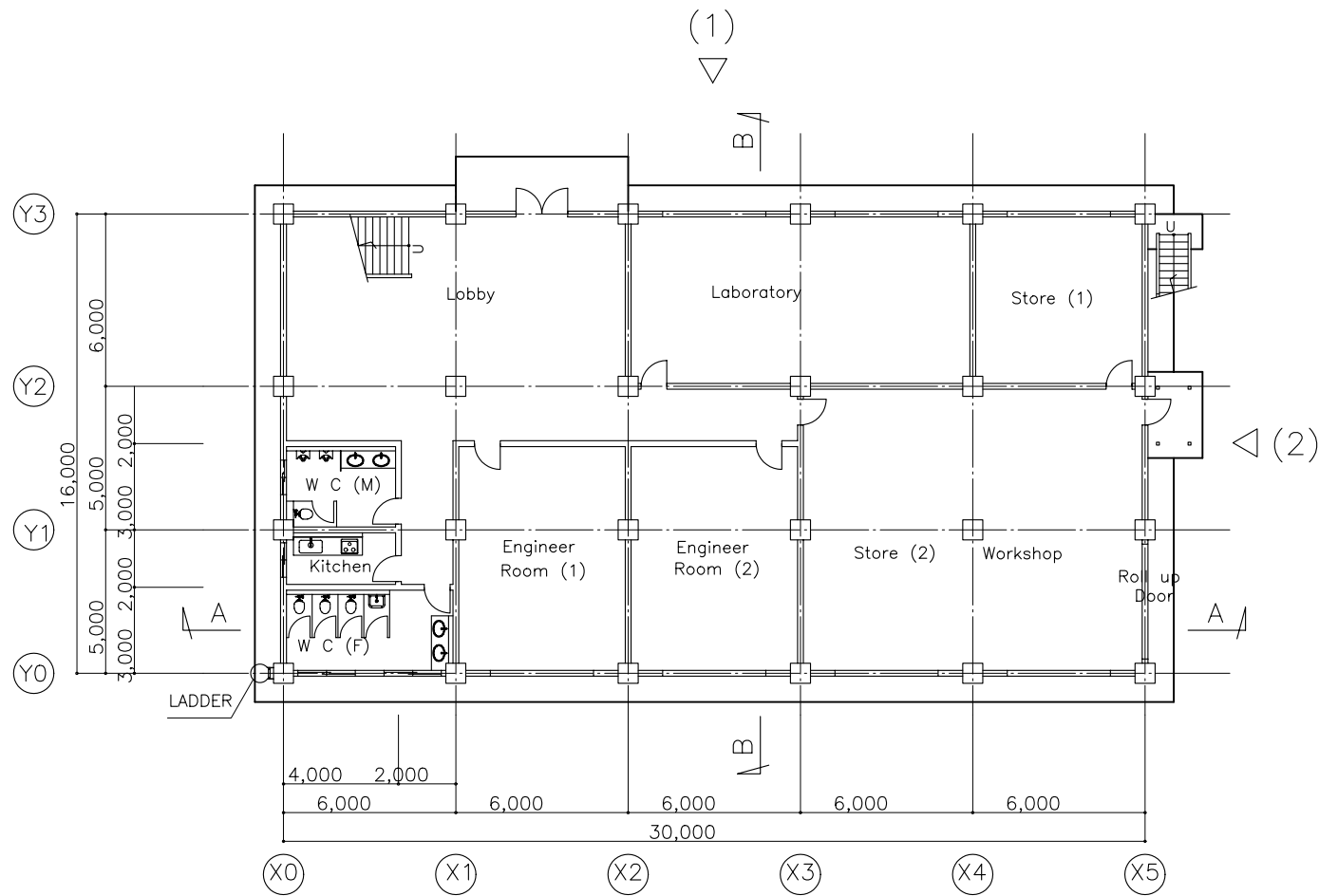


SECTION F-F

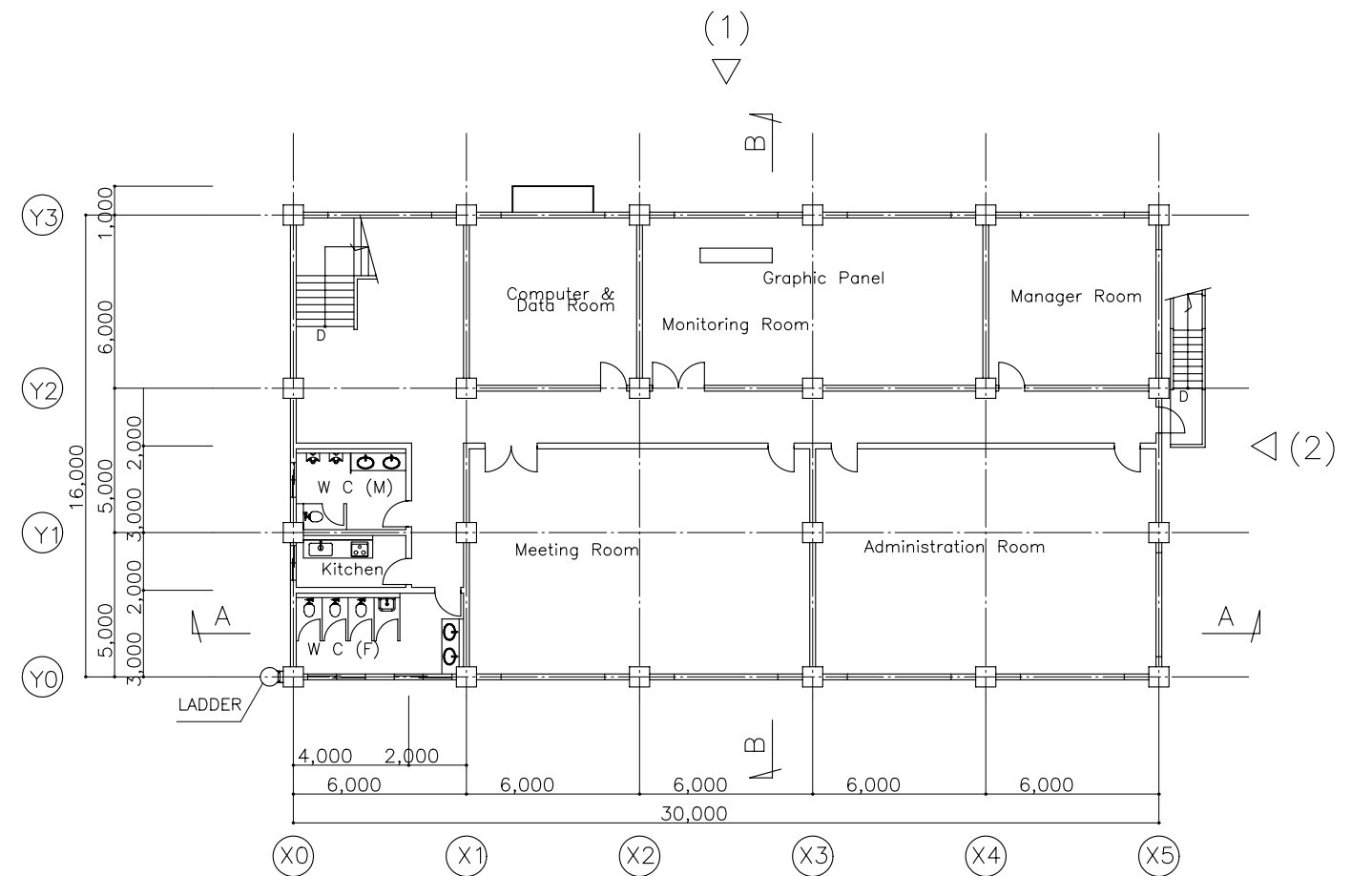


SWP-30 淨水池 断面图 (2/2)

PLAN - GROUND FLOOR

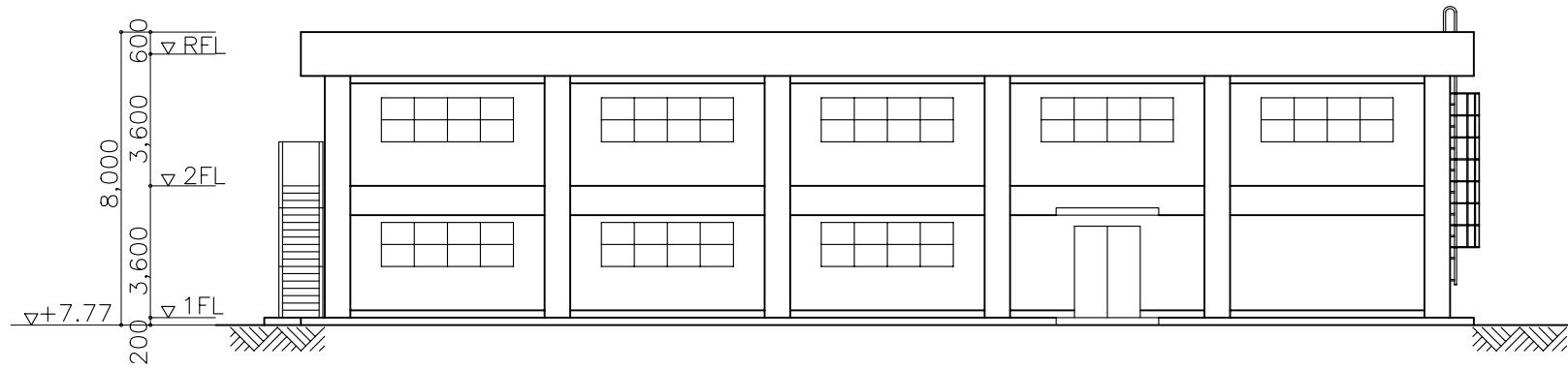


PLAN - FIRST FLOOR

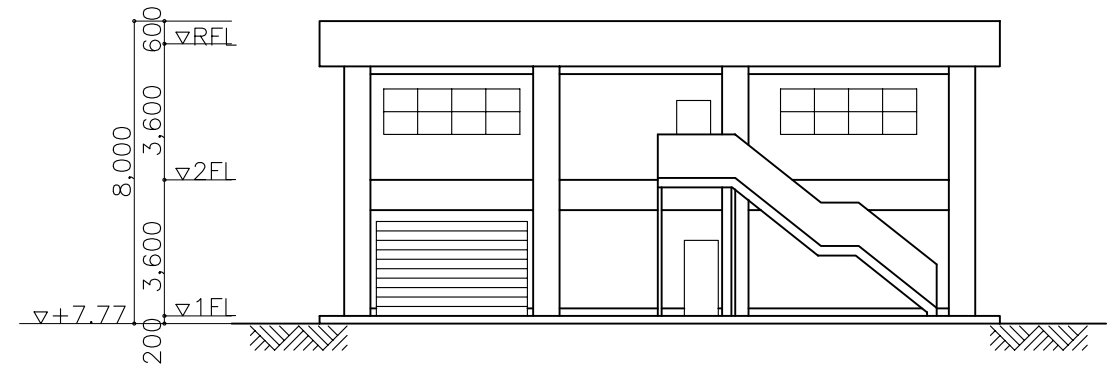


SWP-31 中央監視・管理棟 配置図

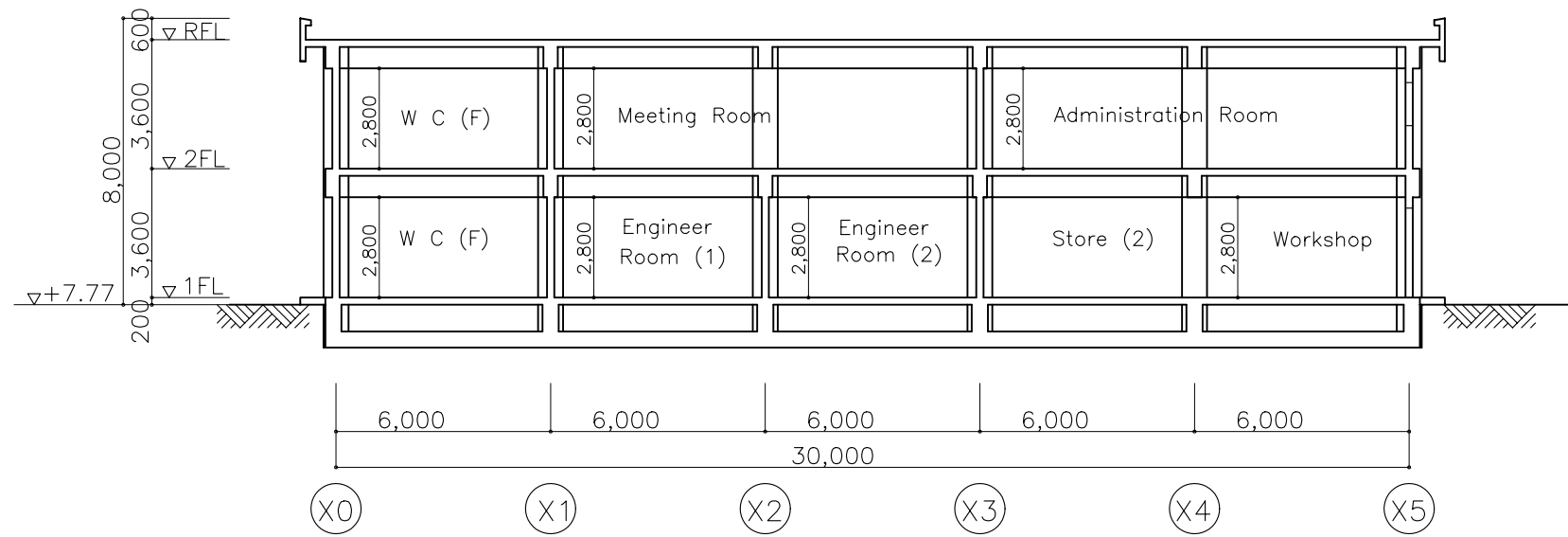
ELEVATION (1)



ELEVATION (2)



SECTION A-A



SECTION B-B

