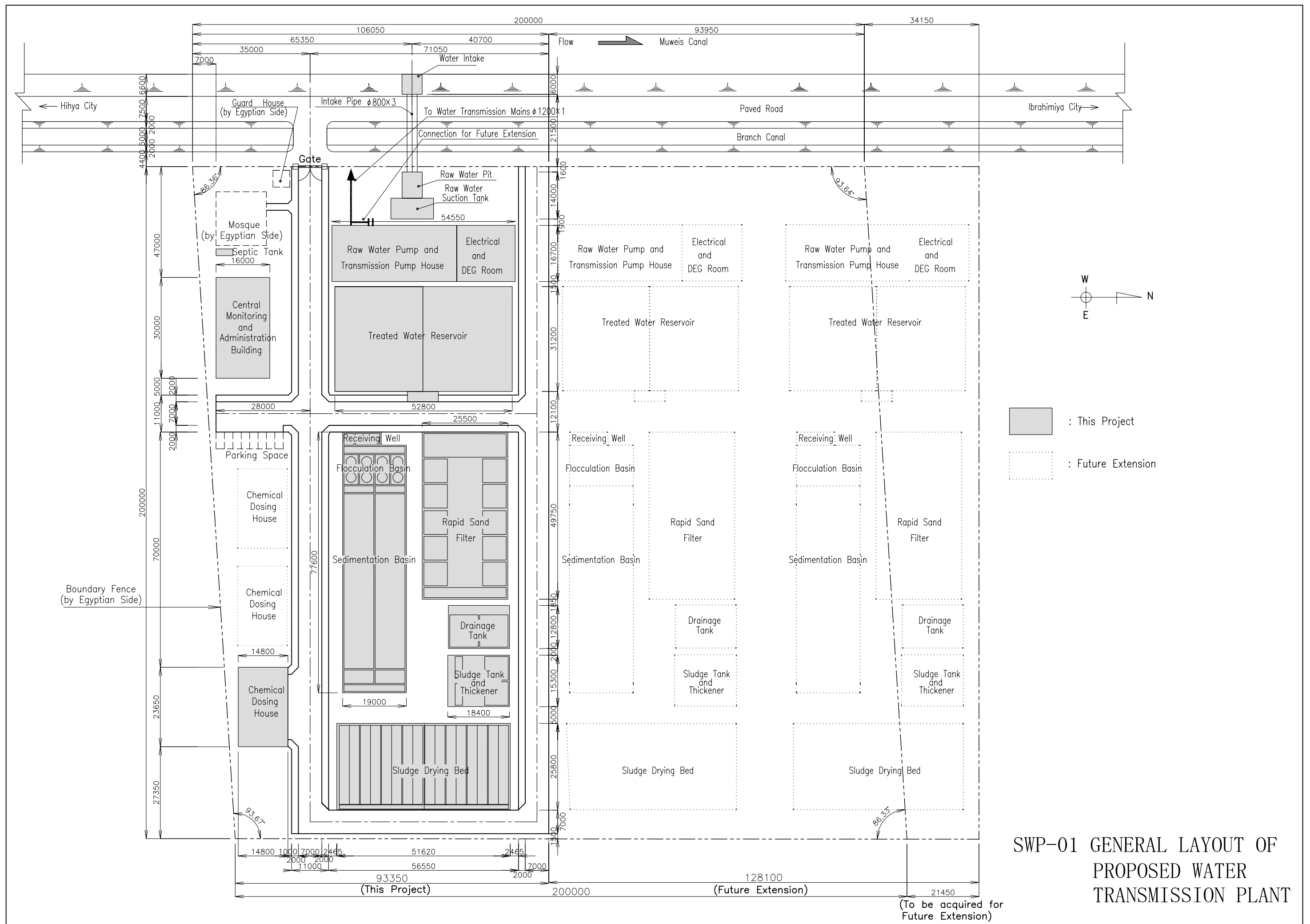
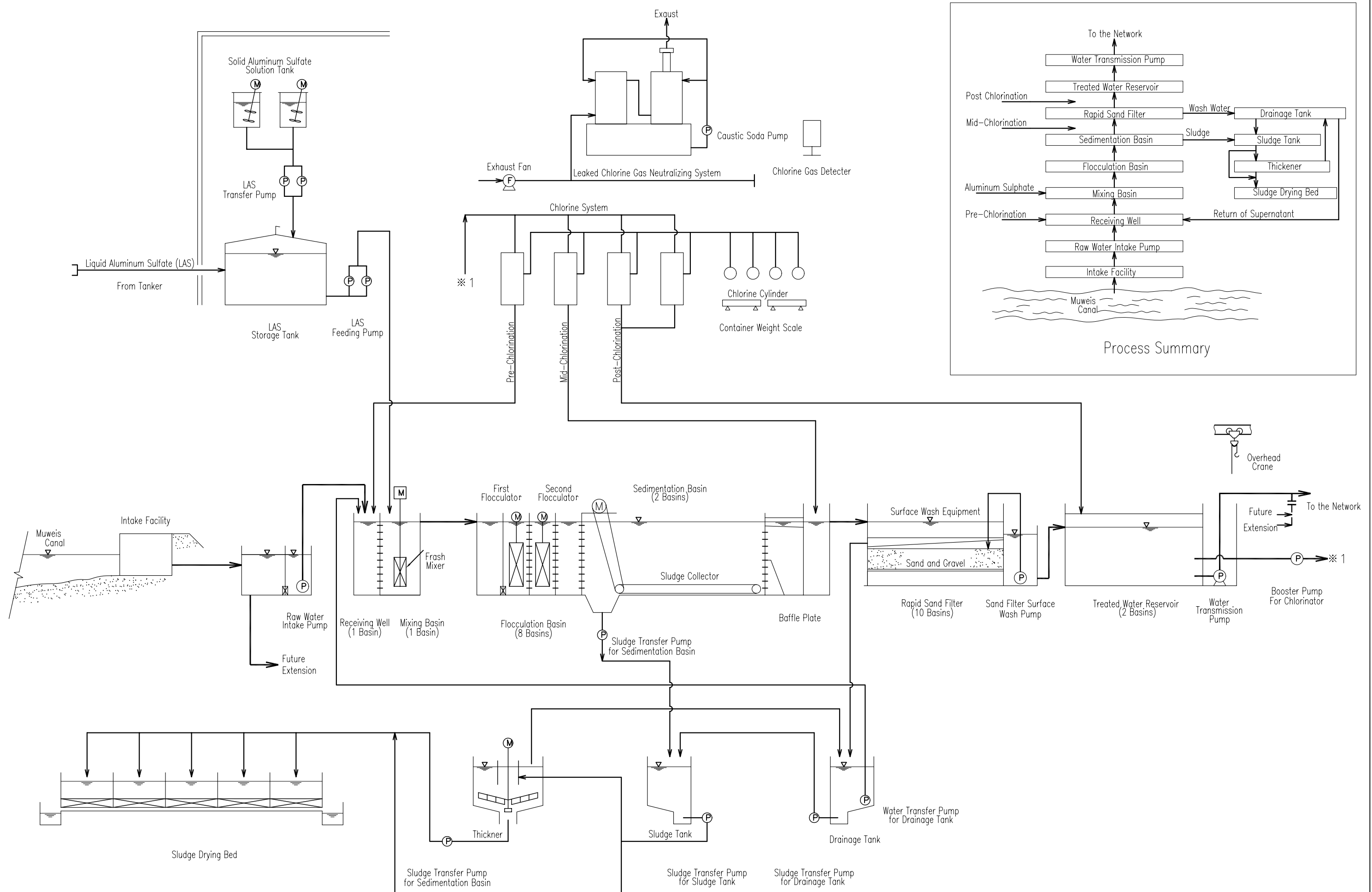


2.2.3 Basic Design Drawing

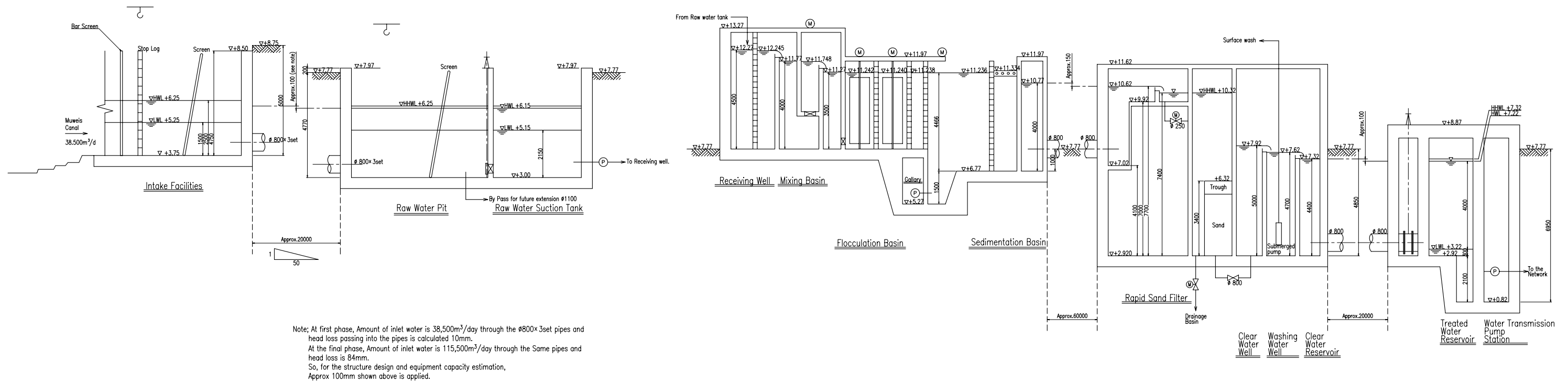
The following list shows the Basic Design Drawings.

No.	Drawing Title
SWP-01	General Layout of Proposed Water Treatment Plant
SWP-02	Water Treatment Flow Chart
SWP-03	Water Level Flow Chart
SWP-04	Instrument System Diagram
SWP-05	One Line Diagram
SWP-06	Water Intake Facility (Plan)
SWP-07	Water Intake Facility (Section)
SWP-08	Raw Water Pit and Raw Water Suction Tank
SWP-09	Raw Water and Transmission Pump House and Electricity Room (Plan)
SWP-10	Raw Water and Transmission Pump House and Electricity Room (Section)
SWP-11	Raw Water and Transmission Pump House and Electricity Room (Elevation)
SWP-12	Receiving Well and Sedimentation Basin (Plan 1/2)
SWP-13	Receiving Well and Sedimentation Basin (Plan 2/2)
SWP-14	Receiving Well and Sedimentation Basin (Section 1/4)
SWP-15	Receiving Well and Sedimentation Basin (Section 2/4)
SWP-16	Receiving Well and Sedimentation Basin (Section 3/4)
SWP-17	Receiving Well and Sedimentation Basin (Section 4/4)
SWP-18	Rapid Sand Filter (Plan)
SWP-19	Rapid Sand Filter (Section 1/2)
SWP-20	Rapid Sand Filter (Section 2/2)
SWP-21	Chemical Dosing House
SWP-22	Drainage Tank (Plan)
SWP-23	Drainage Tank (Section)
SWP-24	Sludge Tank and Thickener (Plan)
SWP-25	Sludge Tank and Thickener (Section)
SWP-26	Sludge Drying Bed
SWP-27	Sludge Drying Bed (Section)
SWP-28	Treated Water Reservoir
SWP-29	Treated Water Reservoir (Section 1/2)
SWP-30	Treated Water Reservoir (Section 2/2)
SWP-31	Central Monitoring and Administration Building (Plan)
SWP-32	Central Monitoring and Administration Building (Elevation & Section)

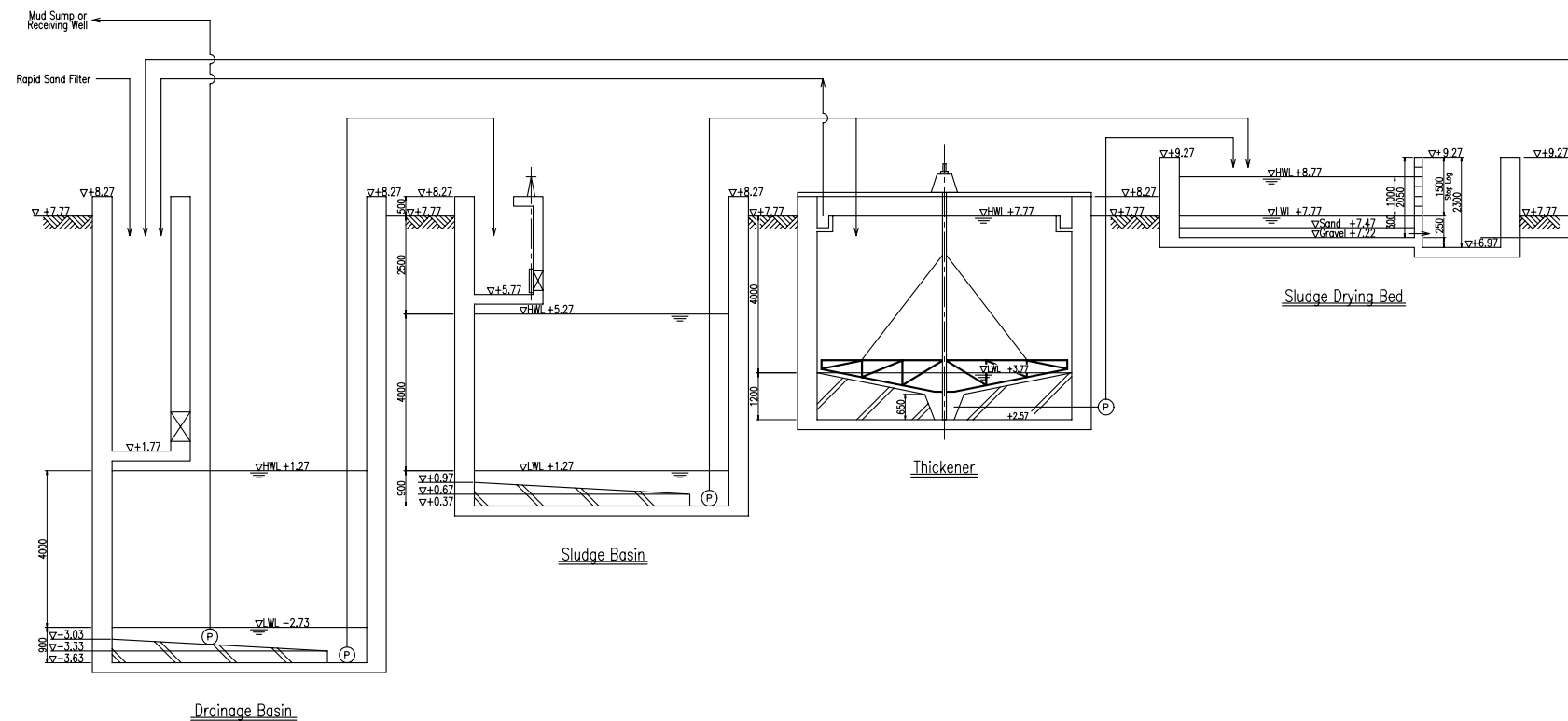




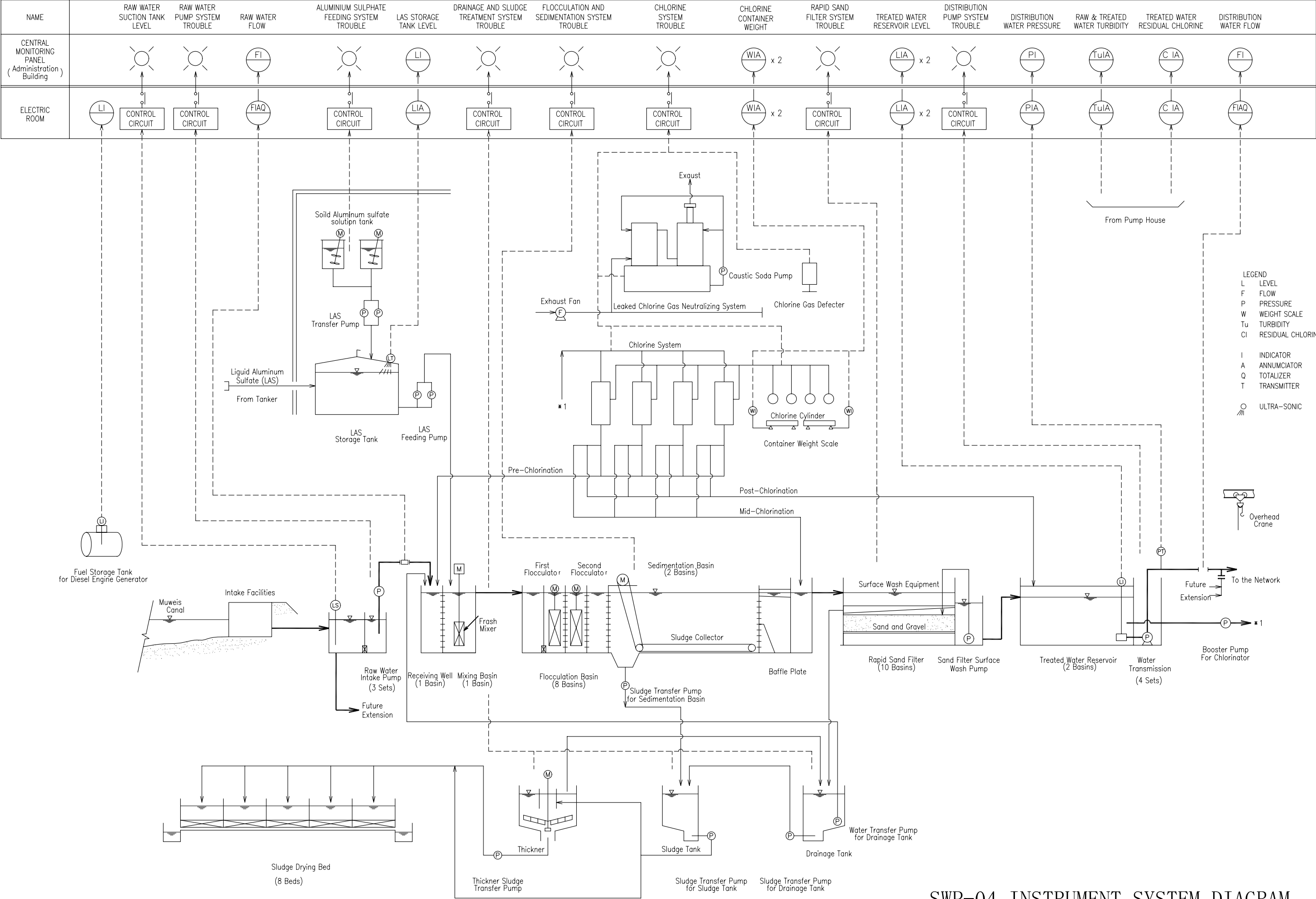
SWP-02 WATER TREATMENT FLOW CHART



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



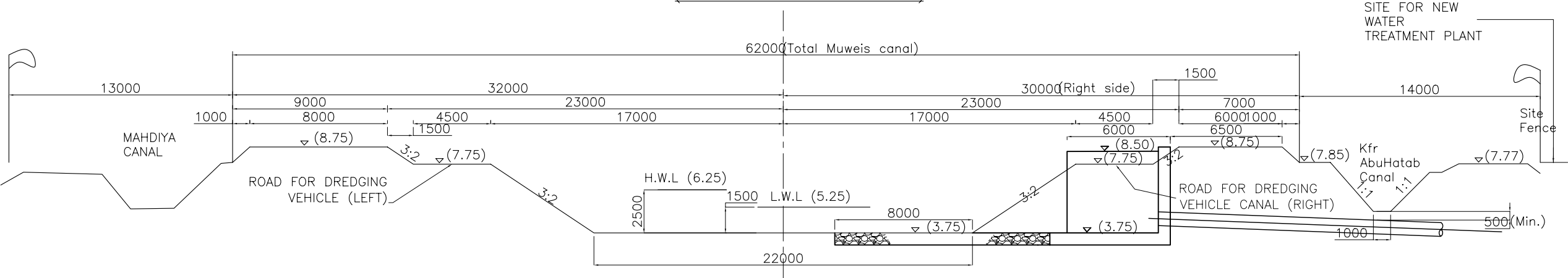
SWP-03 WATER LEVEL FLOW CHART



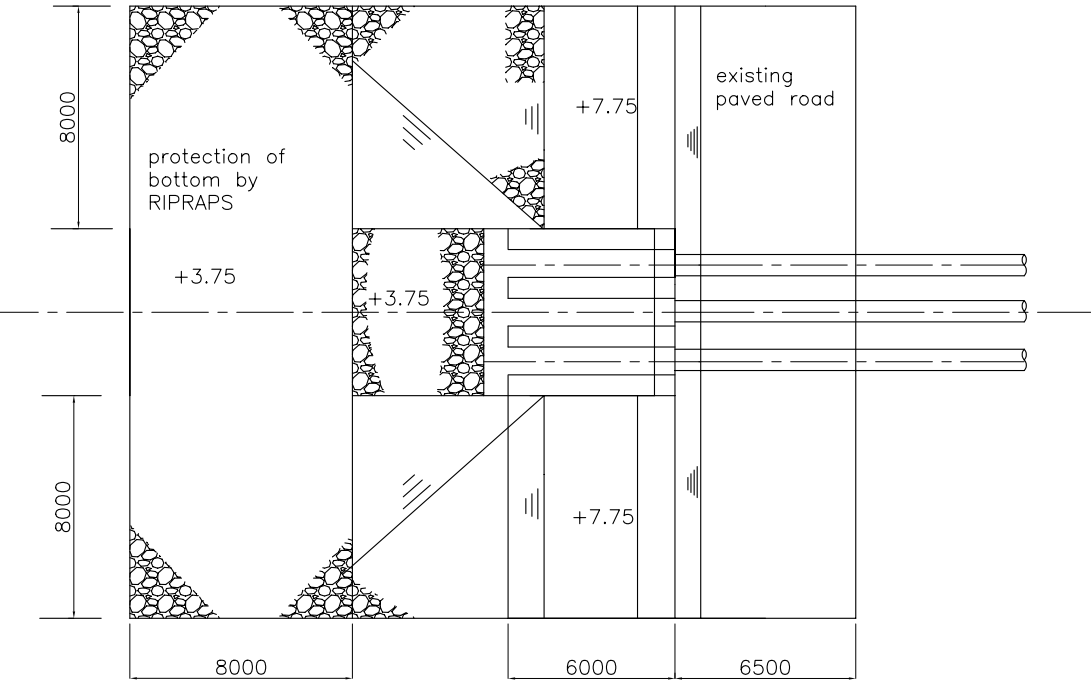
SWP-04 INSTRUMENT SYSTEM DIAGRAM

SECTION OF MUWEIS CANAL AT WATER INTAKE

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



PLAN OF WATER INTAKE FACILITY

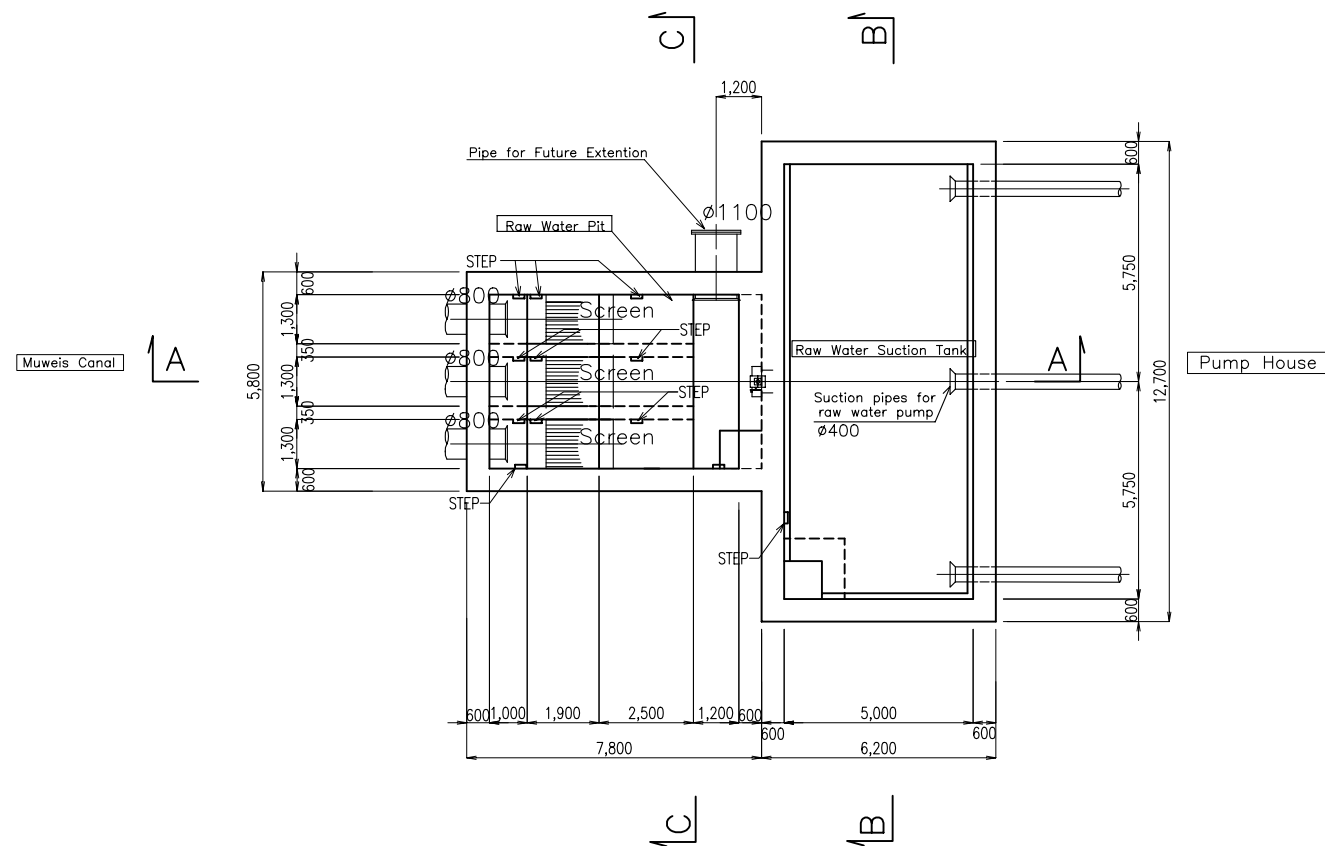


SWP-06 WATER INTAKE FACILITY (PLAN)

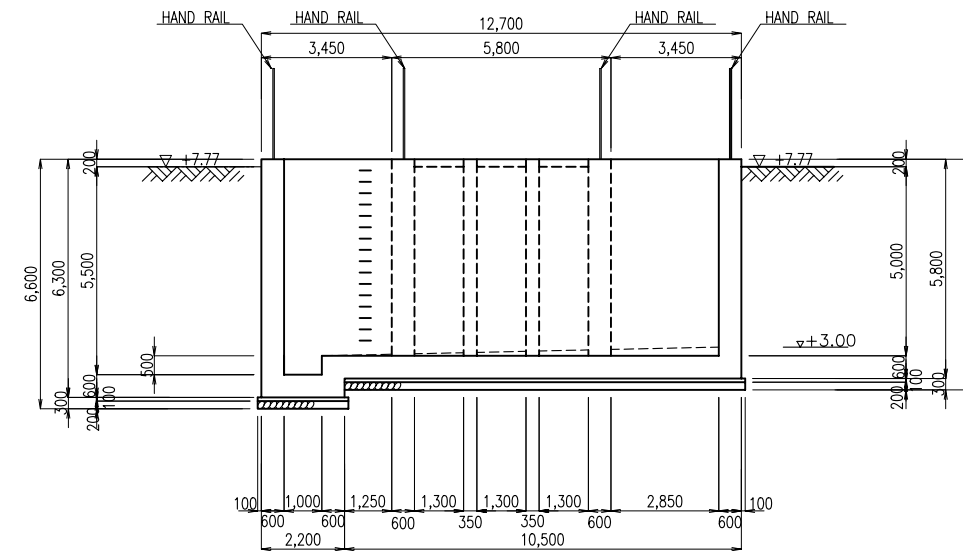
RAW WATER PIT AND RAW WATER SUCTION TANK

S=1:200

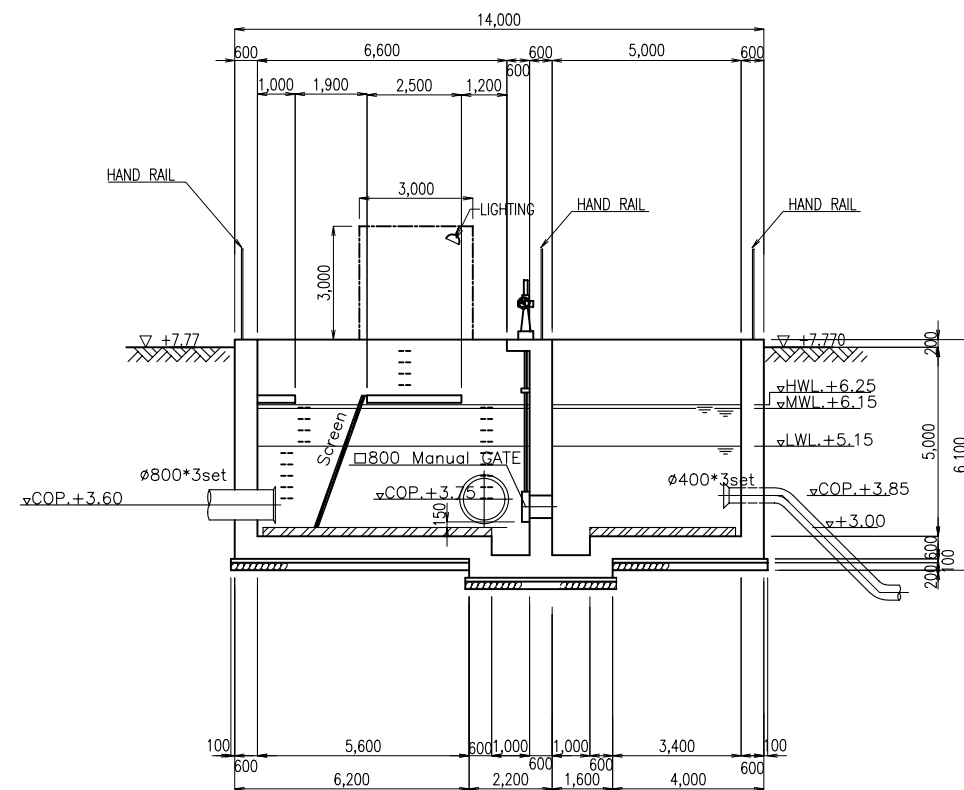
PLAN



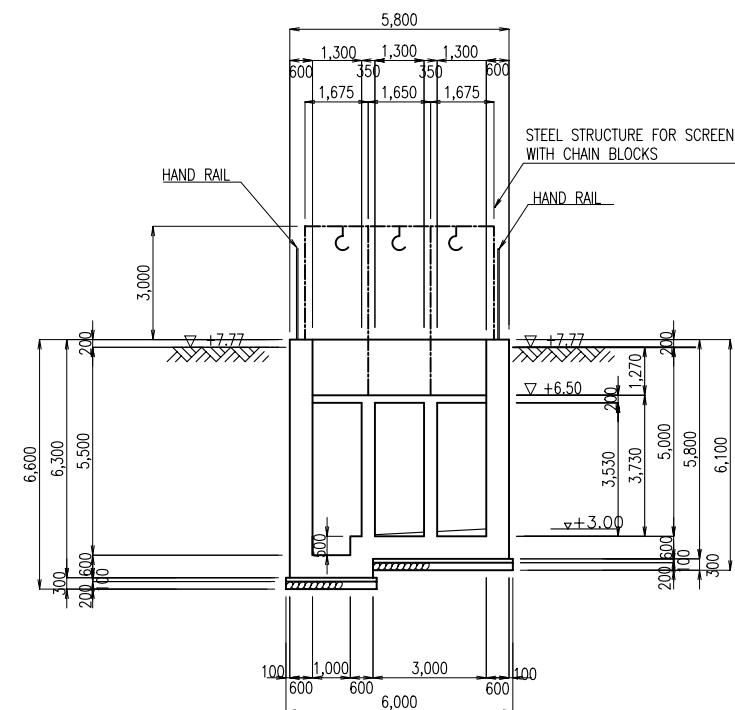
SECTION B-B



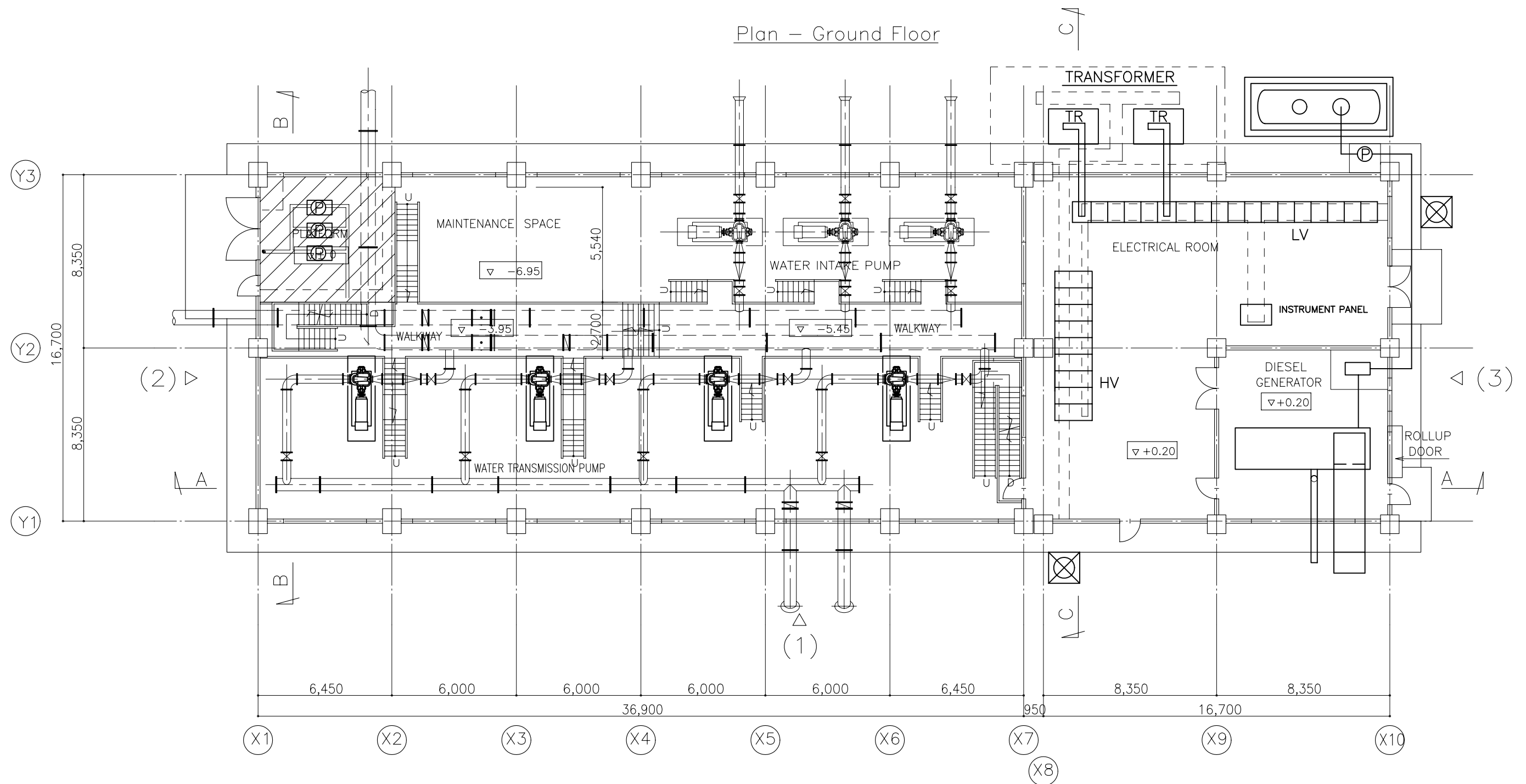
SECTION A-A



SECTION C-C



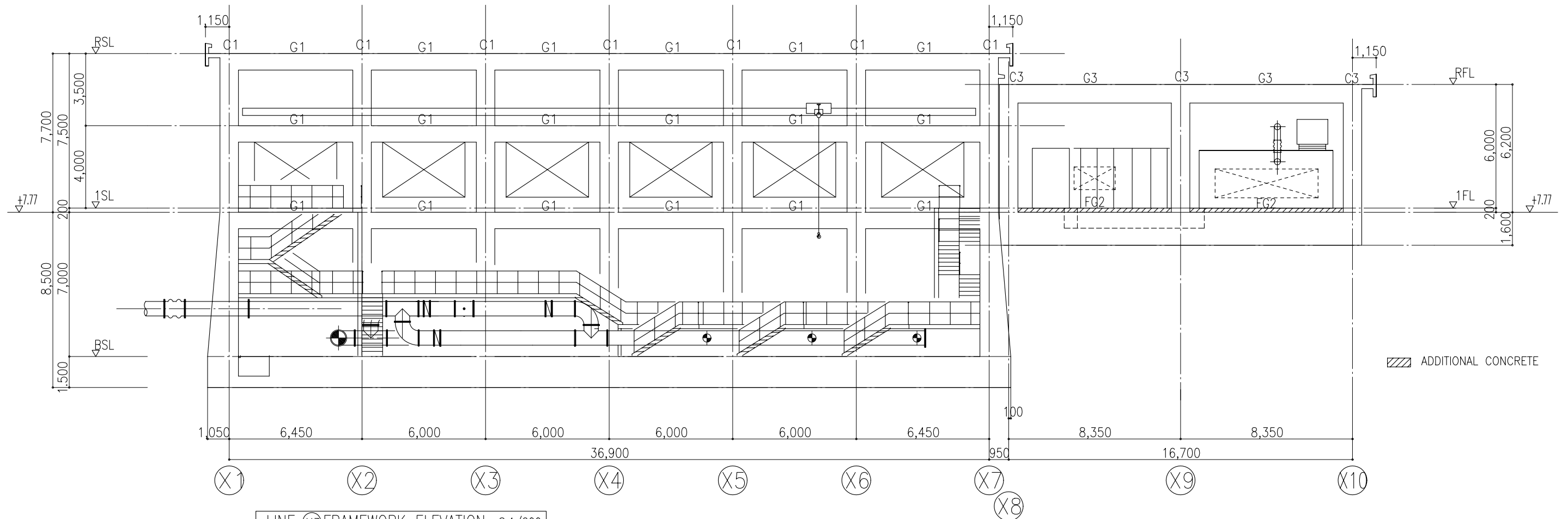
SWP-08 RAW WATER PIT AND RAW WATER SUCTION TANK



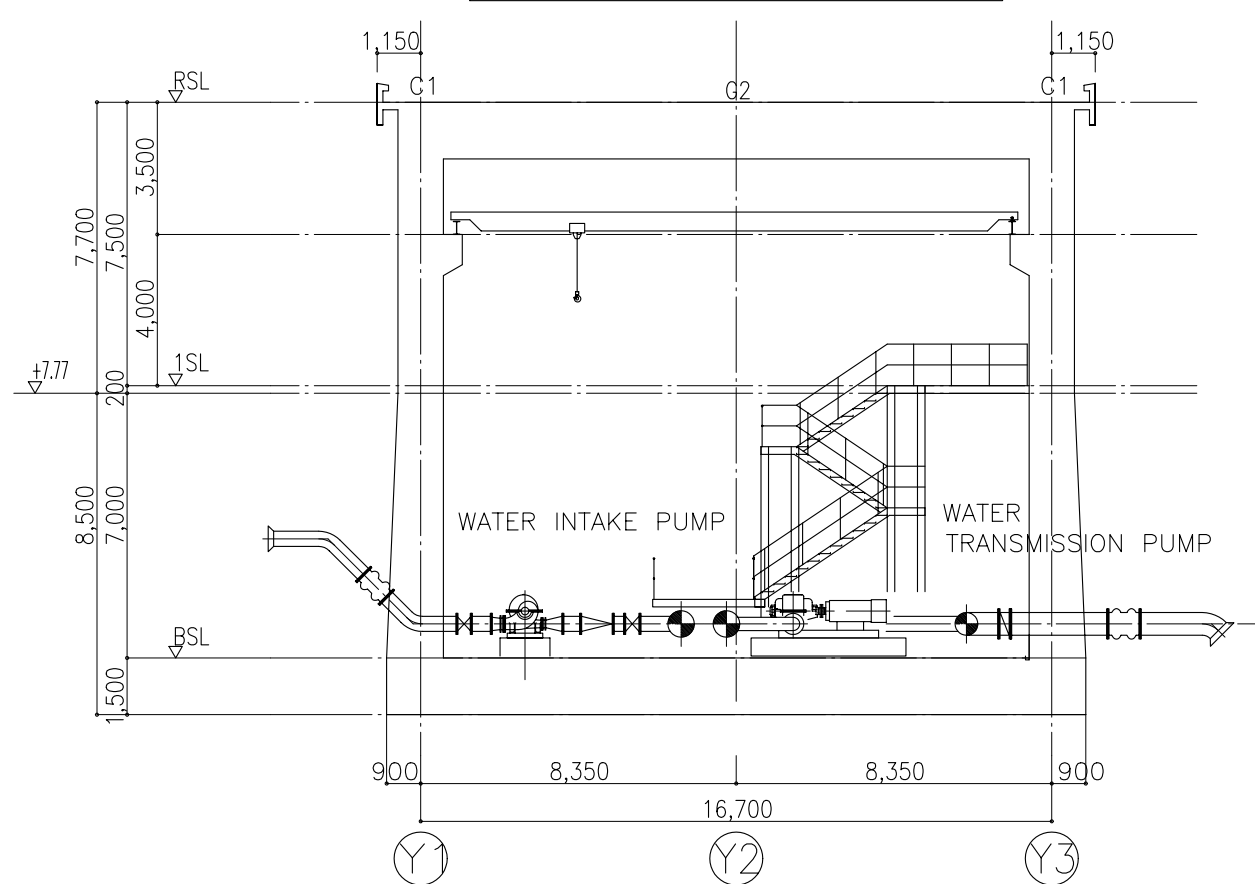
SWP-09 RAW WATER AND TRANSMISSION PUMP HOUSE AND ELECTRICITY ROOM (PLAN)

RAW WATER PUMP AND TRANSMISSION PUMP HOUSE

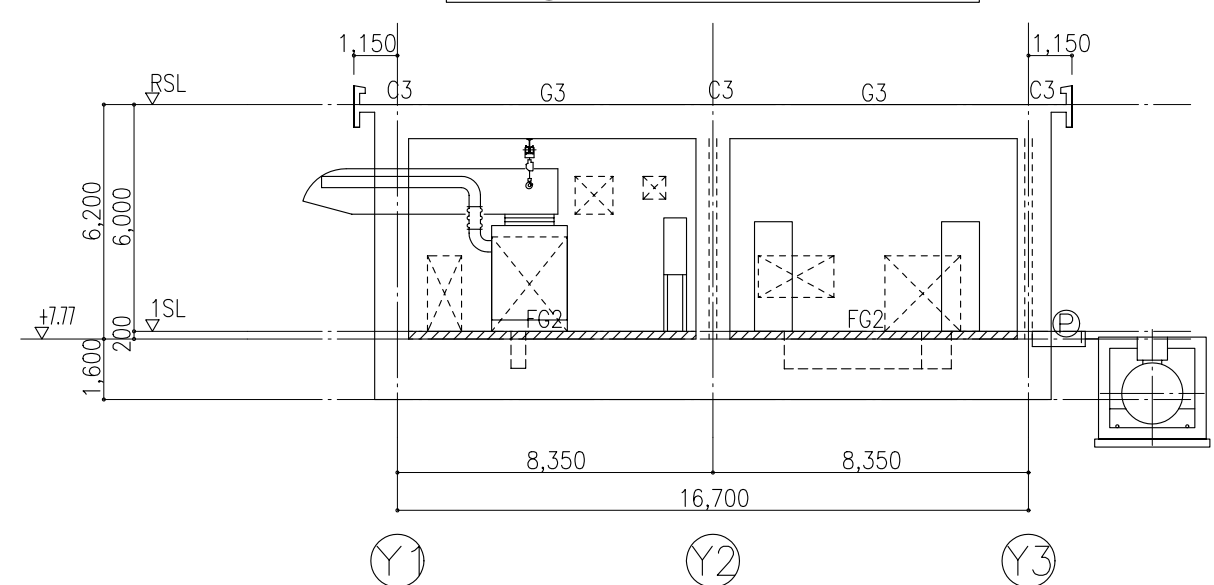
LINE (Y1) FRAMEWORK ELEVATION S:1/200



LINE (X3) FRAMEWORK ELEVATION S:1/200

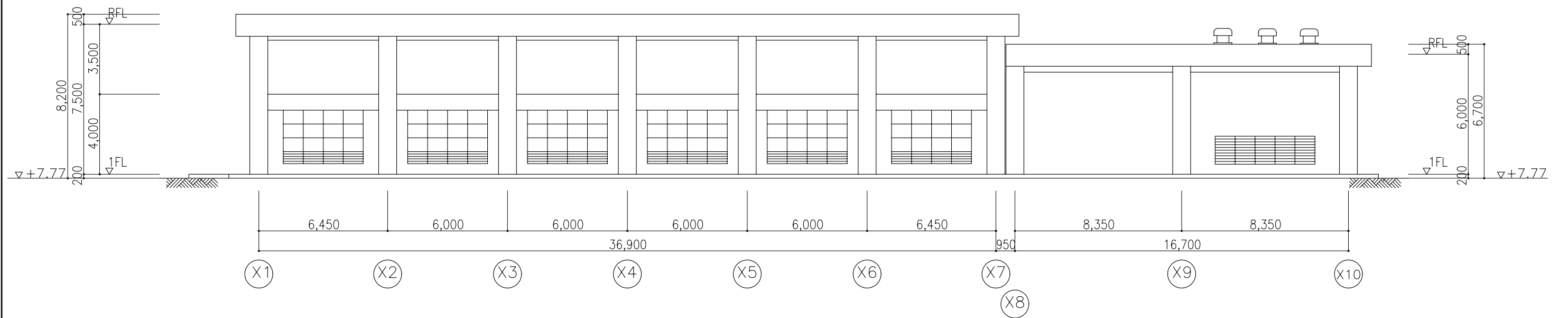


LINE (X10) FRAMEWORK ELEVATION S:1/200

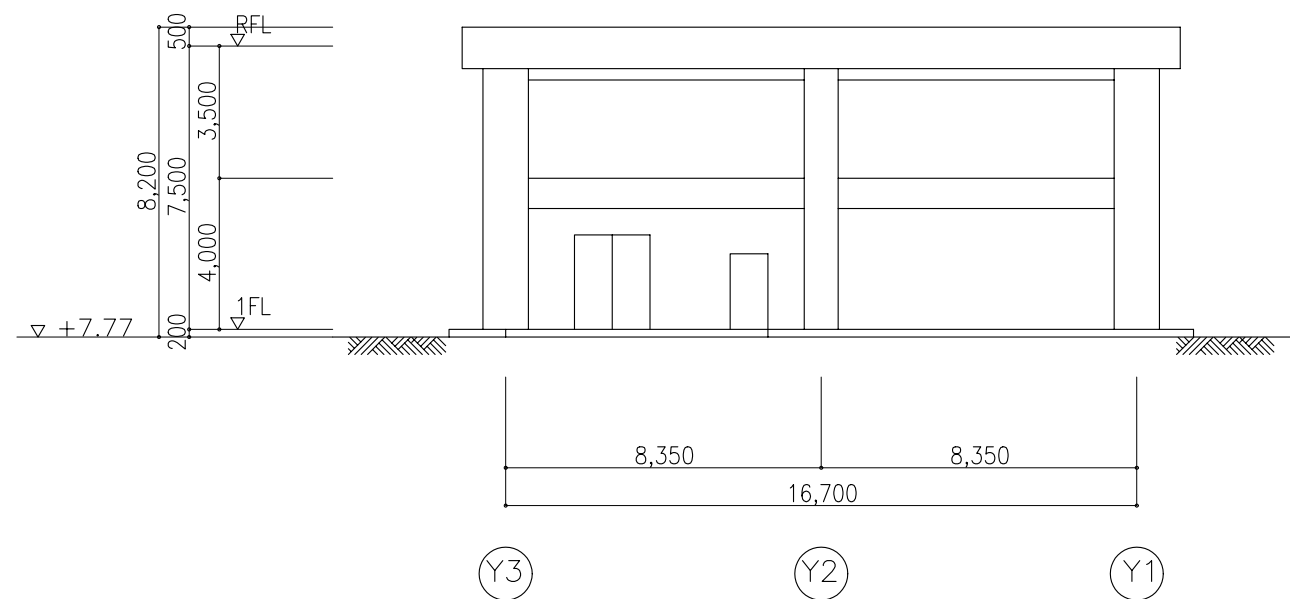


SWP-10 RAW WATER AND TRANSMISSION PUMP HOUSE AND ELECTRICITY ROOM (SECTION)

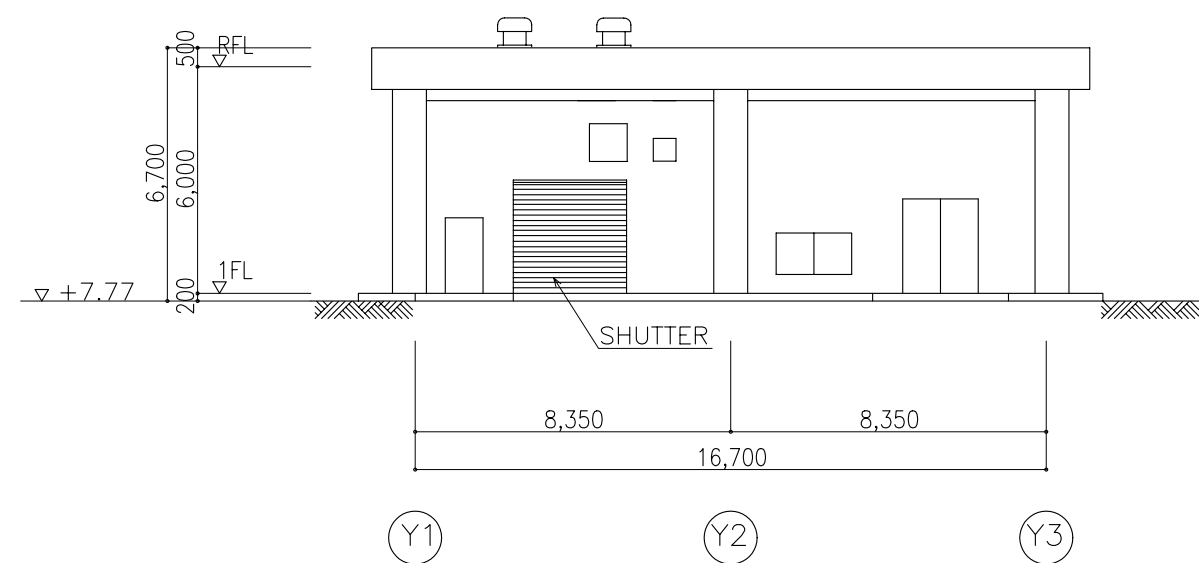
ELEVATION (1)



ELEVATION (2)



ELEVATION (3)

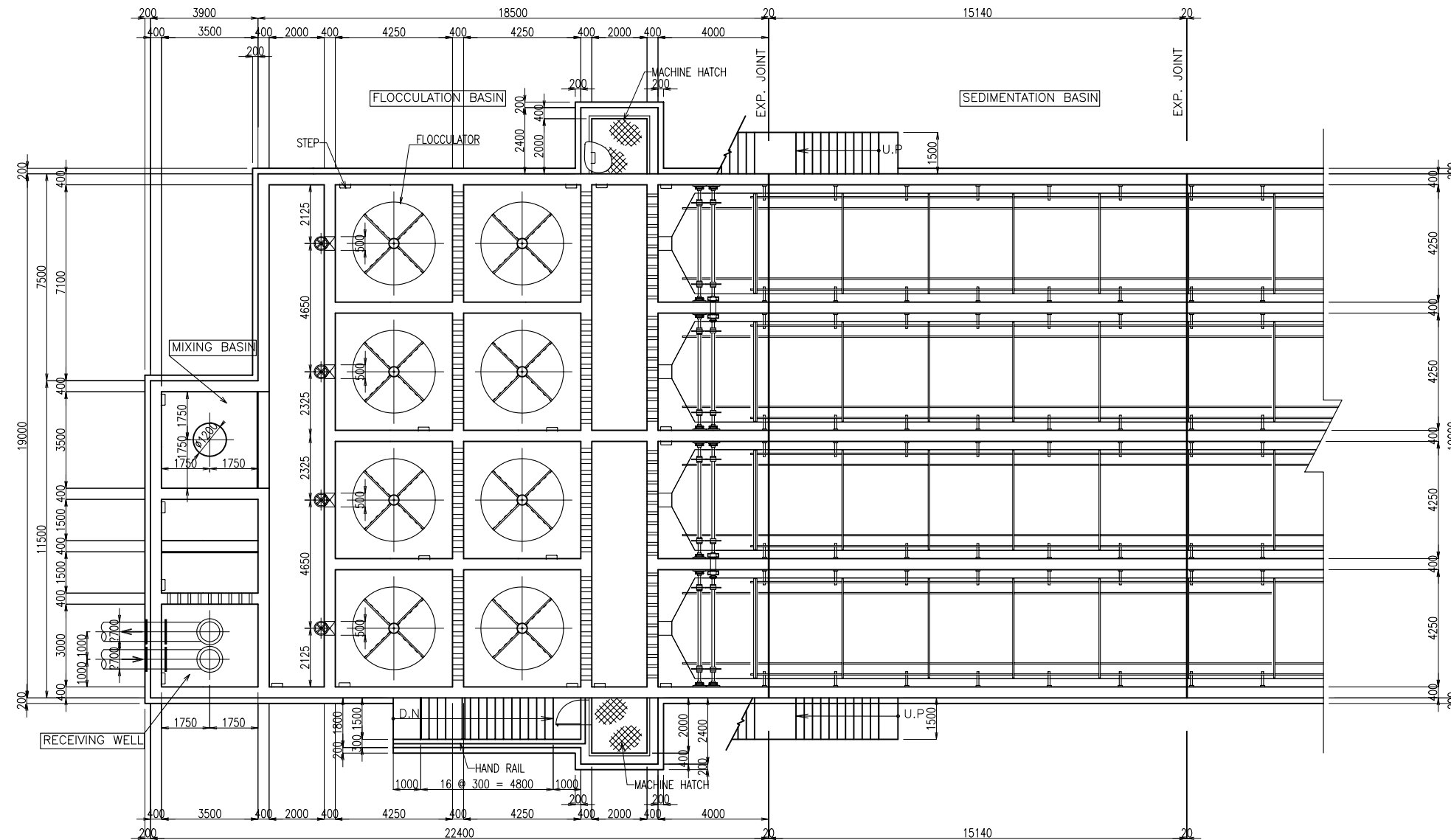


SWP-11 RAW WATER AND TRANSMISSION PUMP HOUSE AND ELECTRICITY ROOM (ELEVATION)

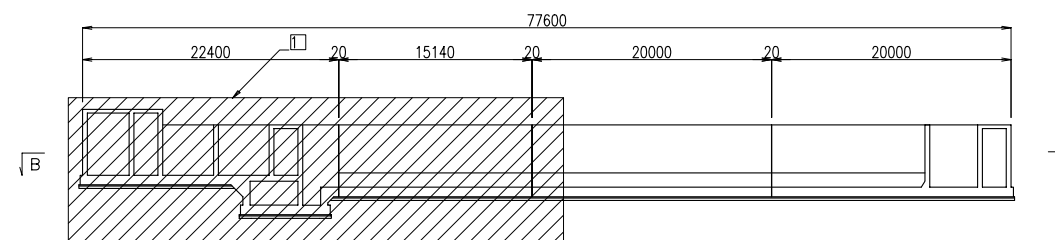
RECEIVING WELL ~ SEDIMENTATION BASIN – PLAN (1/2)

S=1:200

SECTION B-B-1



KEY PLAN

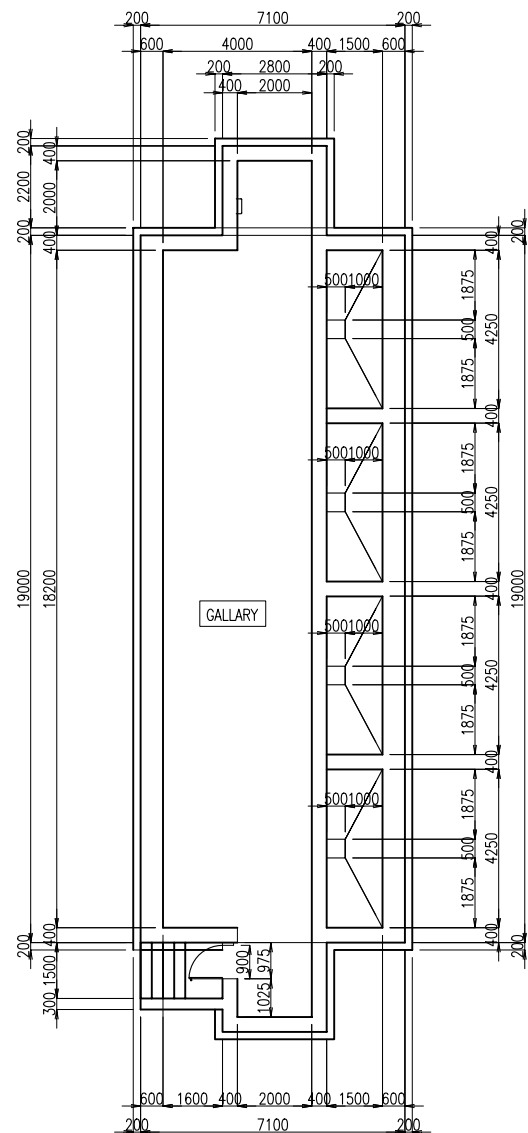


SWP-12 RECEIVING WELL AND SEDIMENTATION BASIN (PLAN 1/2)

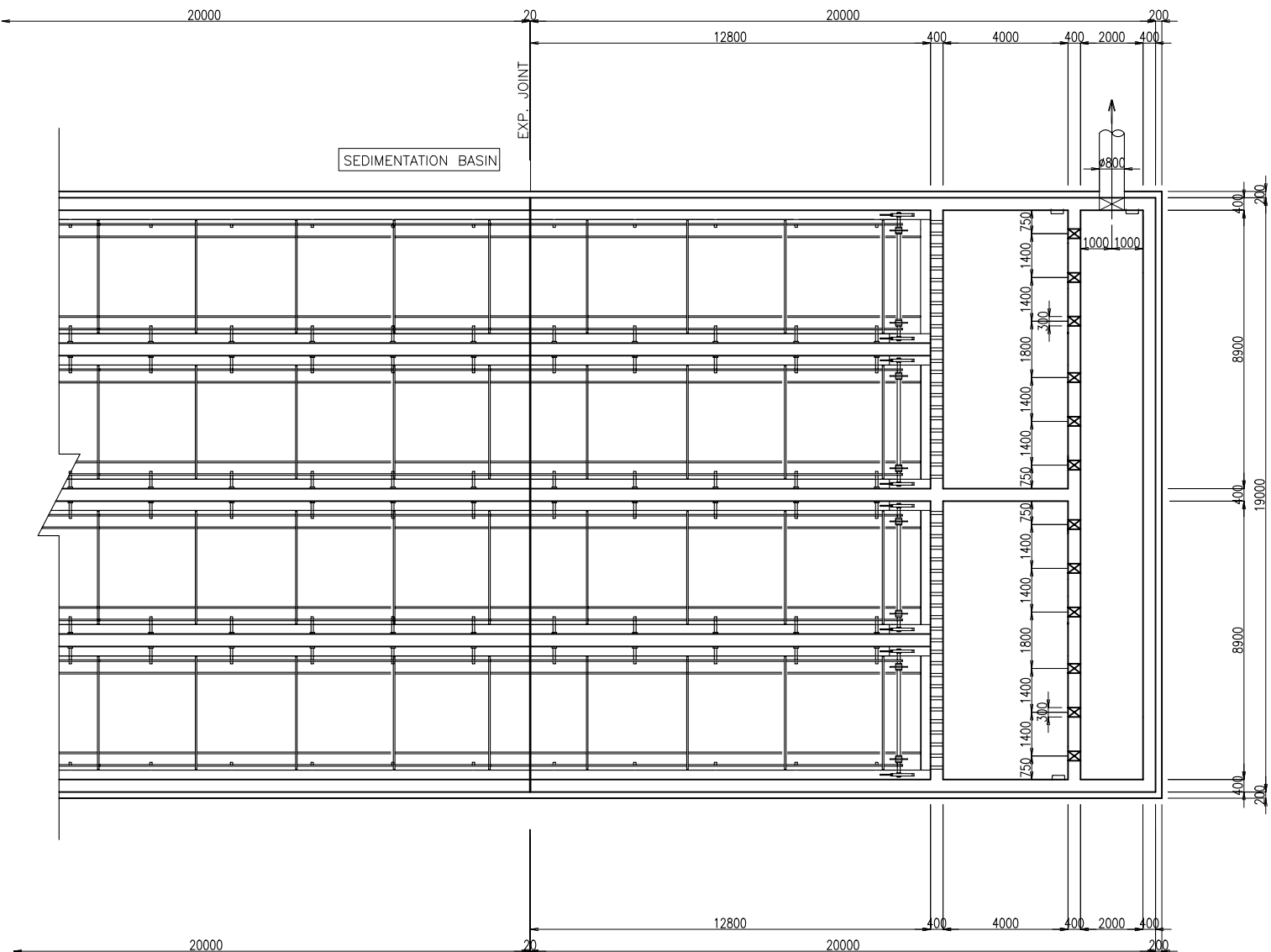
RECEIVING WELL ~ SEDIMENTATION BASIN – PLAN (2/2)

S=1:200

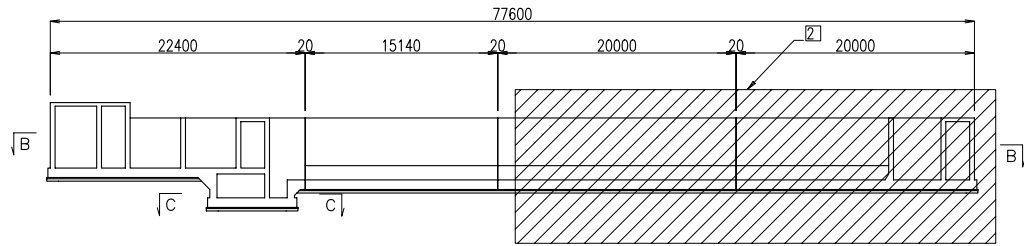
SECTION C-C



SECTION B-B-2



KEY PLAN

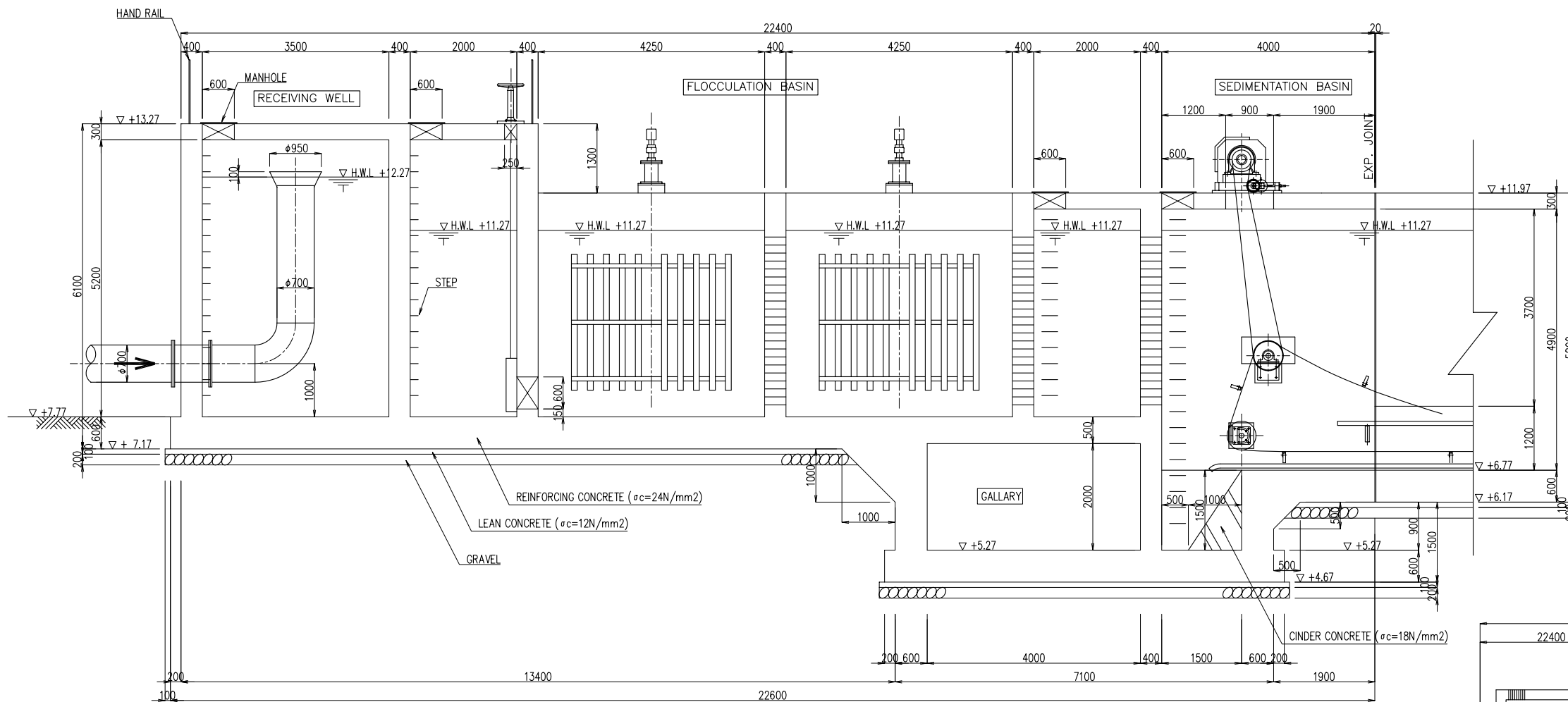


SWP-13 RECEIVING WELL AND SEDIMENTATION BASIN (PLAN 2/2)

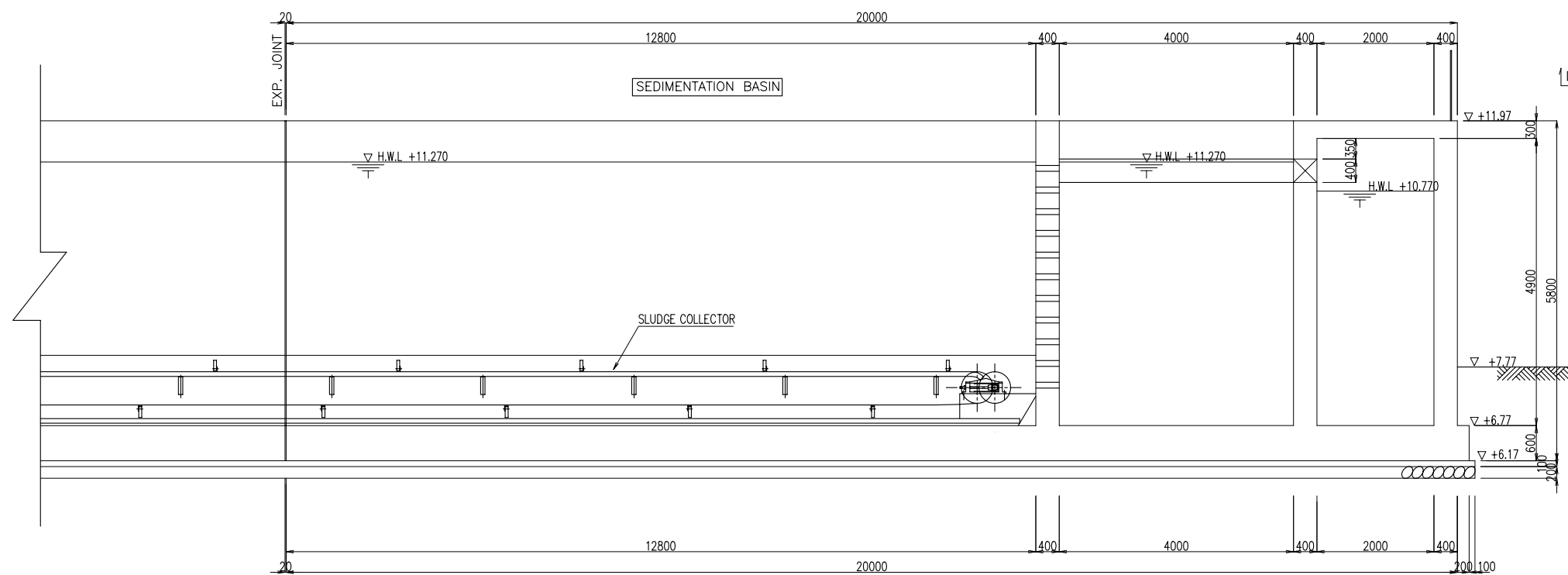
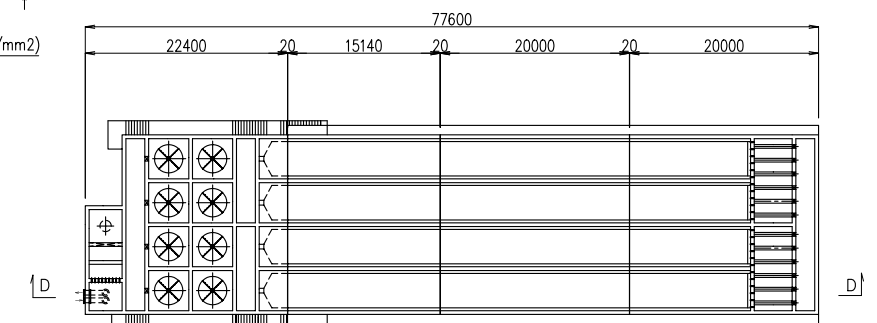
RECEIVING WELL ~ SEDIMENTATION BASIN – SECTIONS (1/4)

S=1:100

SECTION D-D



KEY PLAN

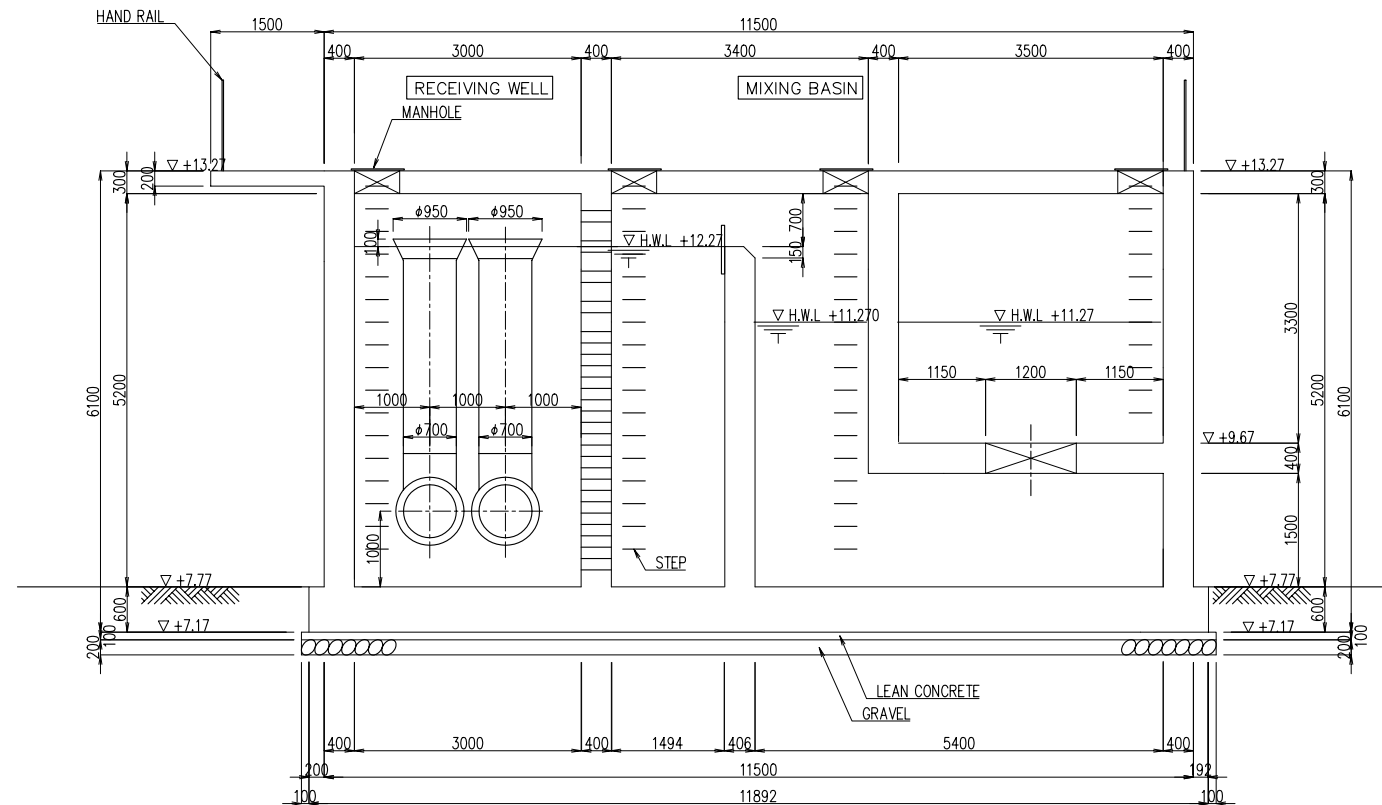


SWP-14 RECEIVING WELL AND SEDIMENTATION BASIN (SECTION 1/4)

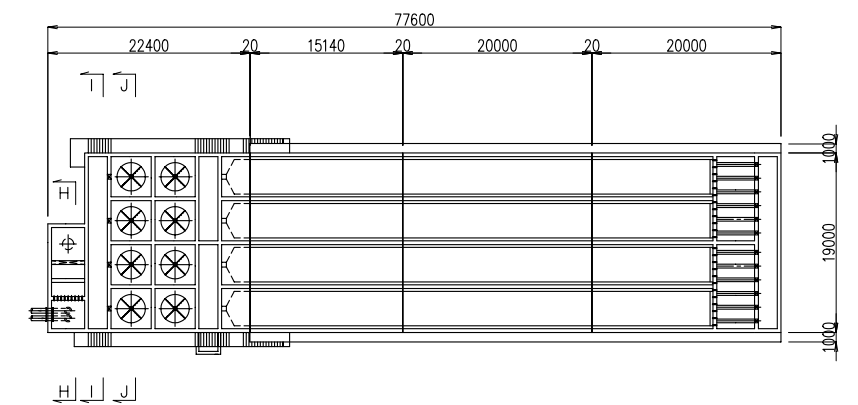
RECEIVING WELL ~ SEDIMENTATION BASIN – SECTIONS (2/4)

S=1:100

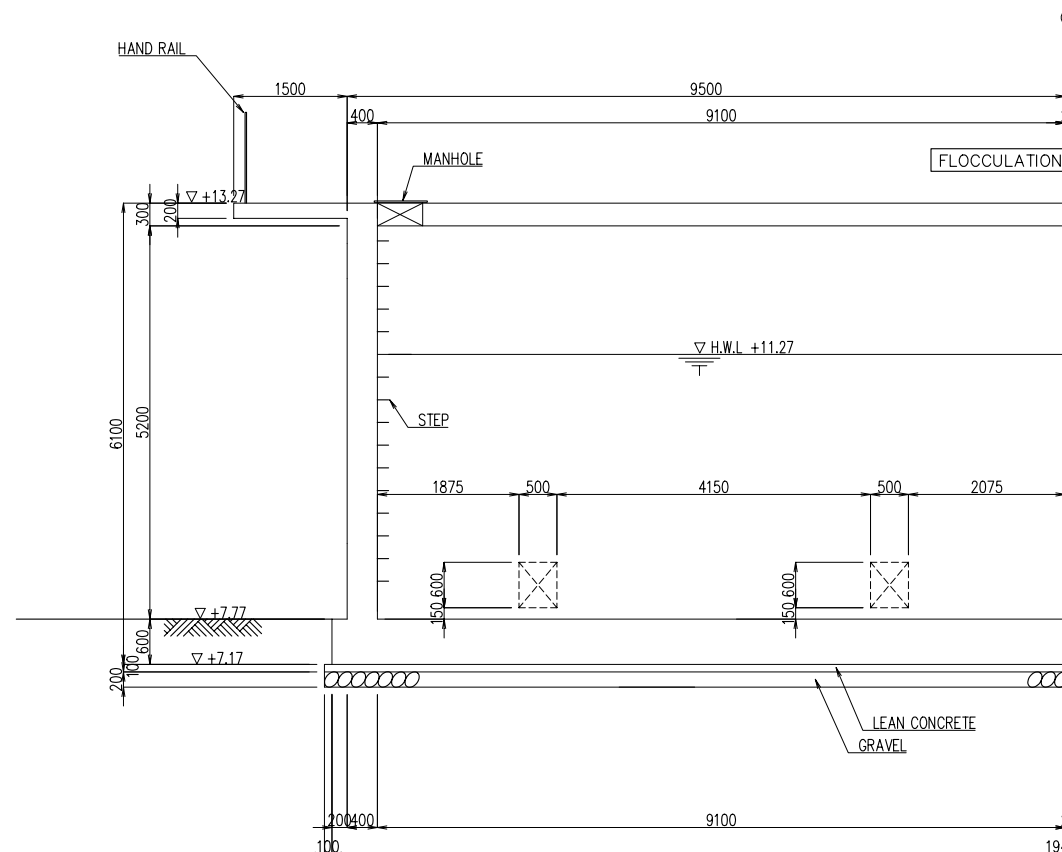
SECTION H-H



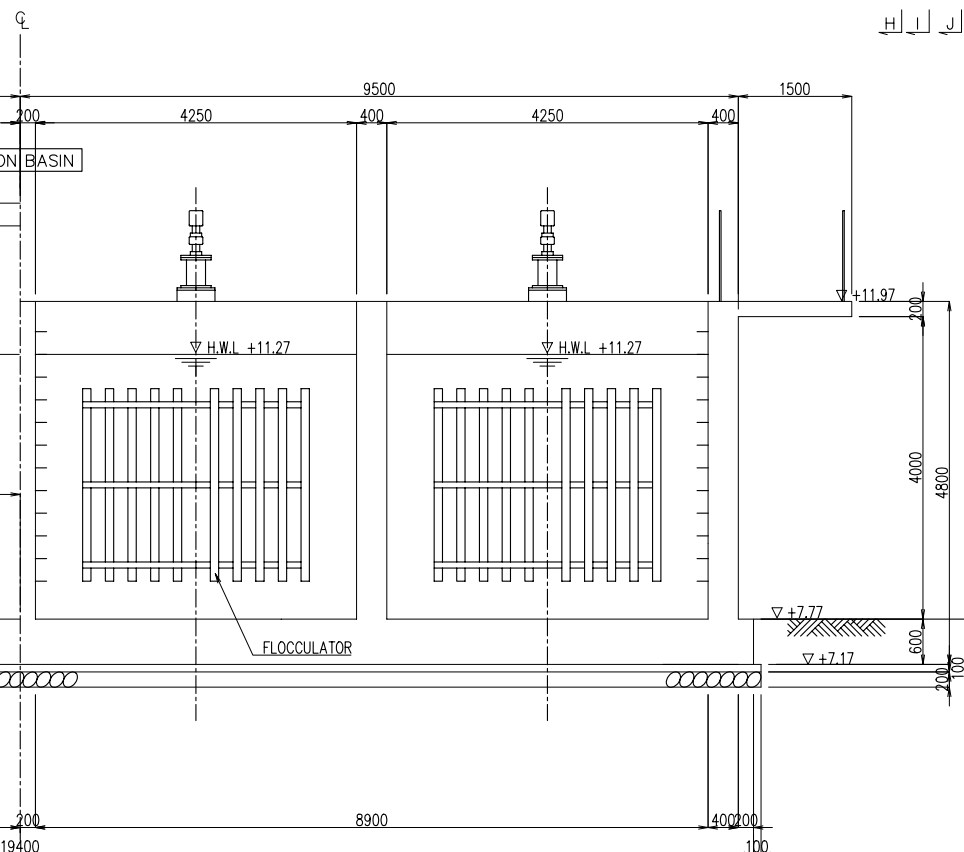
KEY PLAN



SECTION I-I



SECTION J-J

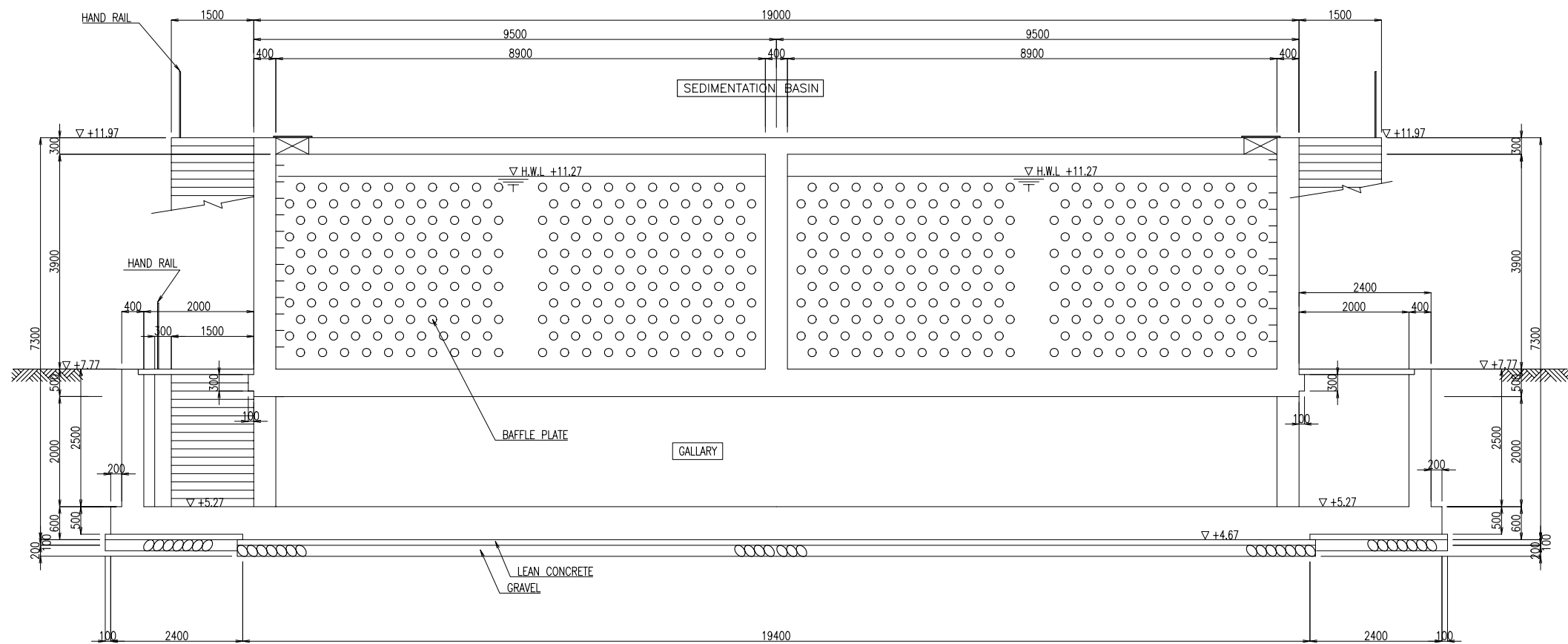


SWP-15 RECEIVING WELL AND SEDIMENTATION BASIN (SECTION 2/4)

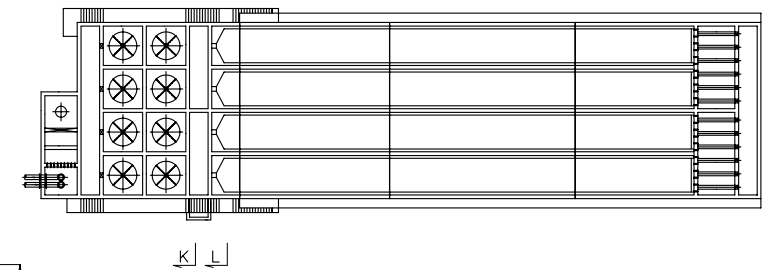
RECEIVING WELL ~ SEDIMENTATION BASIN – SECTIONS (3/4)

SECTION K-K

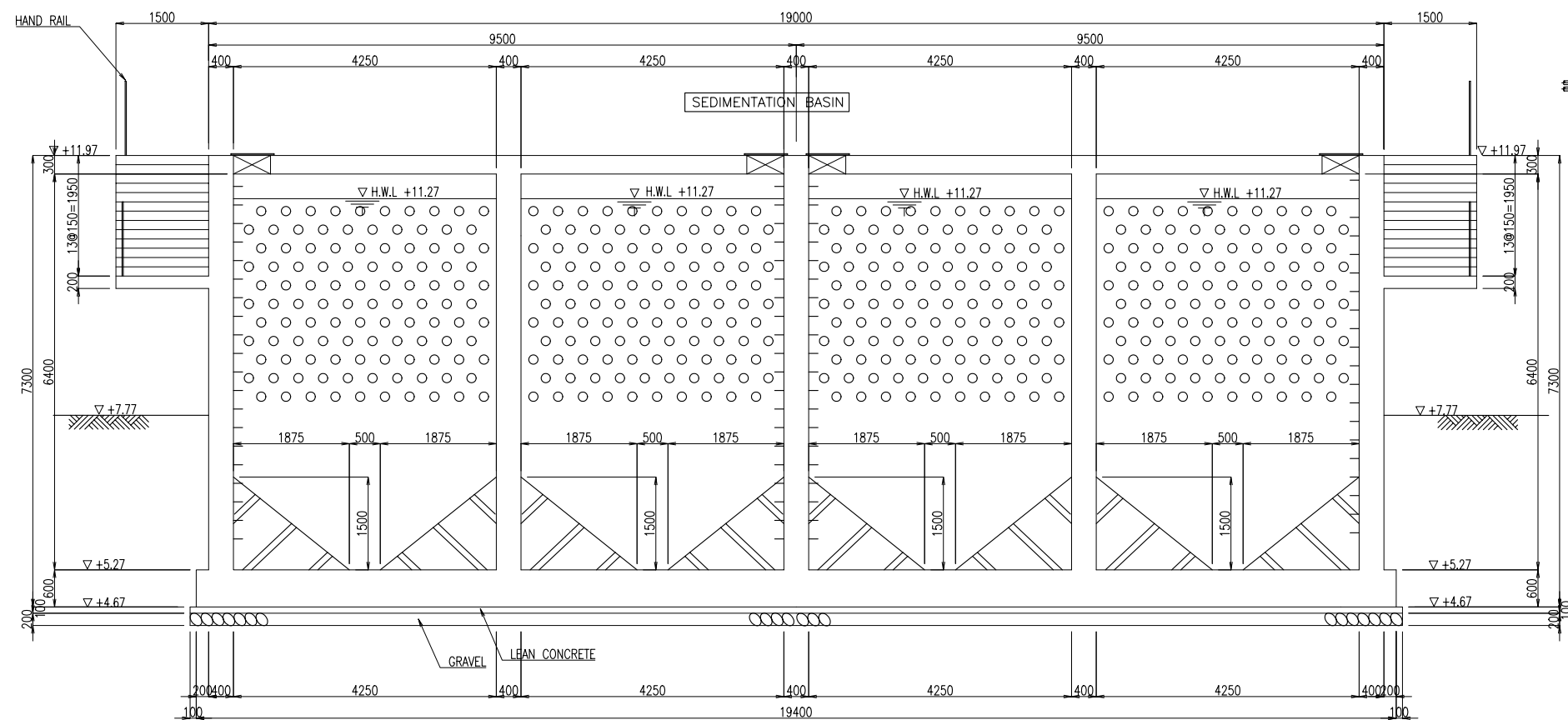
S=1:100



KEY PLAN



SECTION L-L

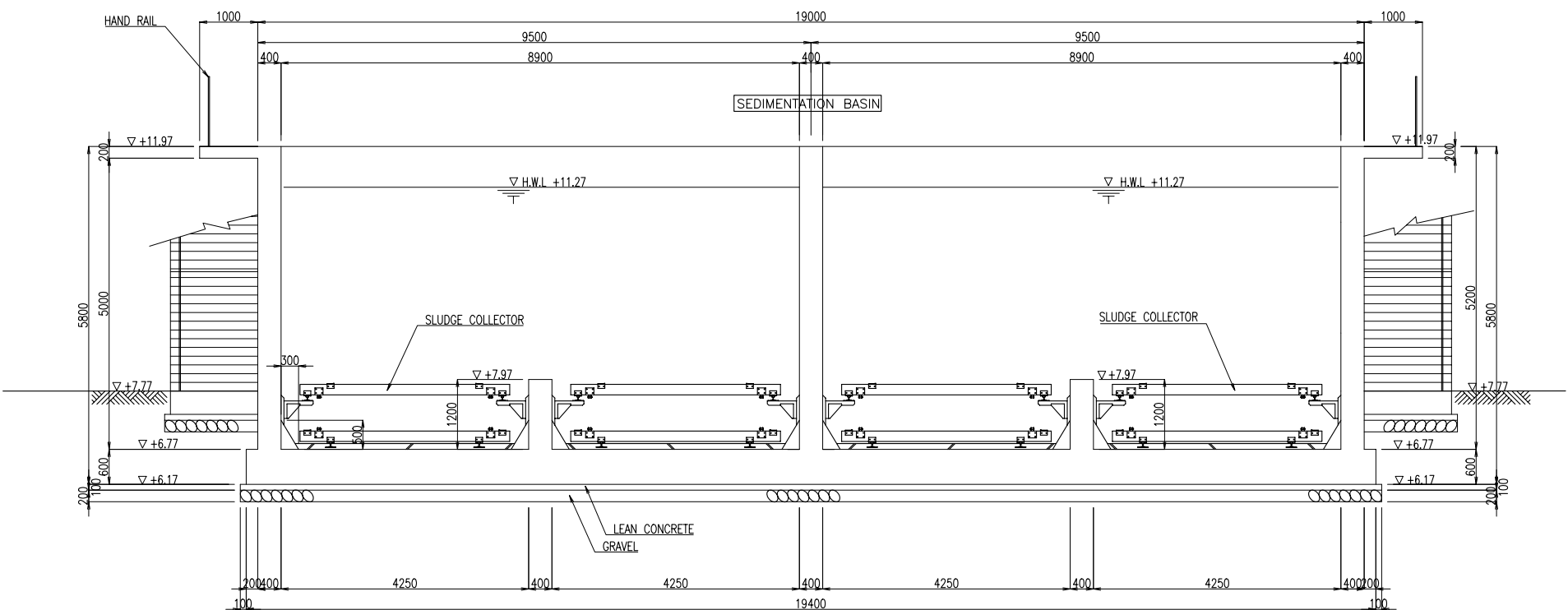


SWP-16 RECEIVING WELL AND SEDIMENTATION BASIN (SECTION 3/4)

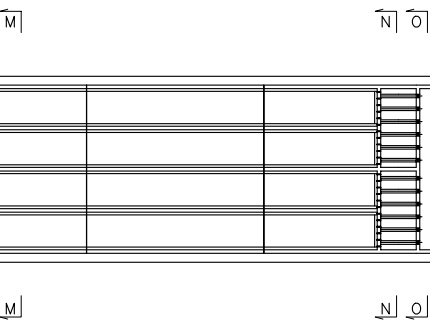
RECEIVING WELL ~ SEDIMENTATION BASIN – SECTIONS (4/4)

S=1:100

SECTION M-M

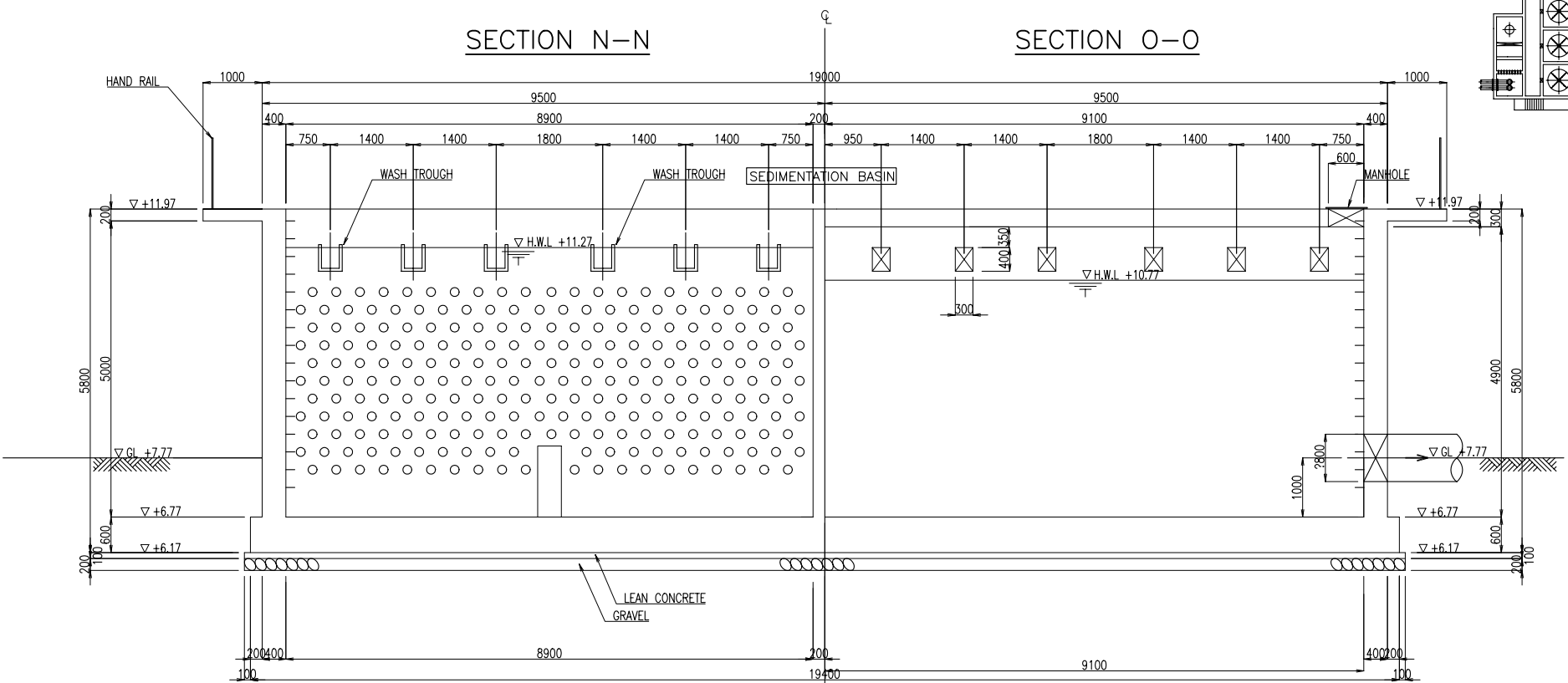


KEY PLAN



SECTION N-N

SECTION O-O

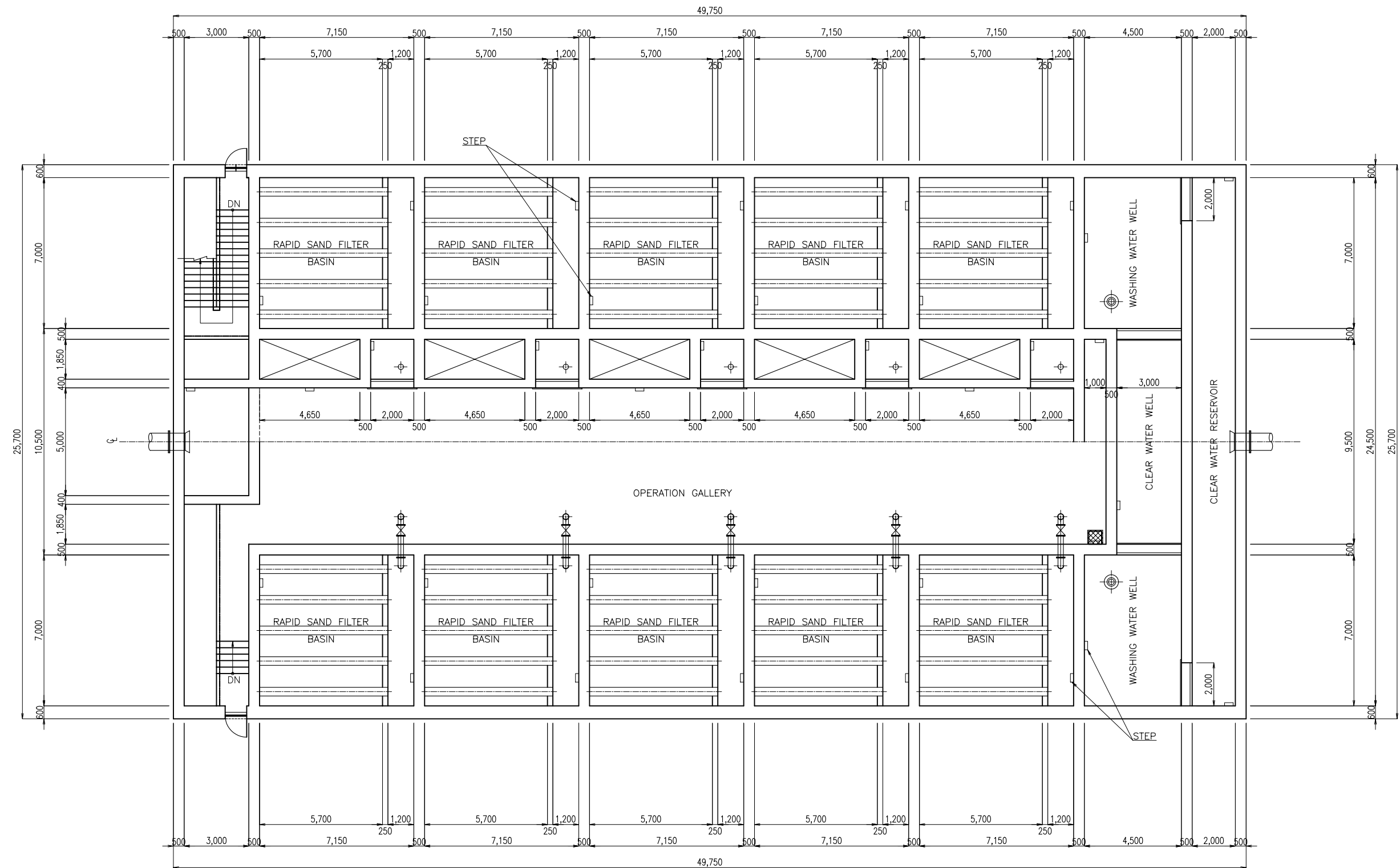


SWP-17 RECEIVING WELL AND SEDIMENTATION BASIN (SECTION 4/4)

RAPID SAND FILTER – PLAN

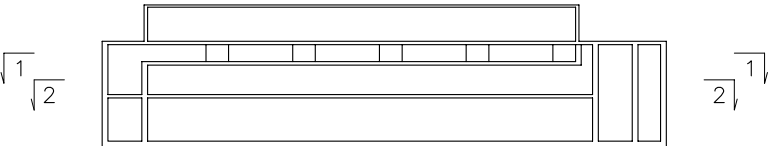
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SECTION 1-1



SECTION 2-2

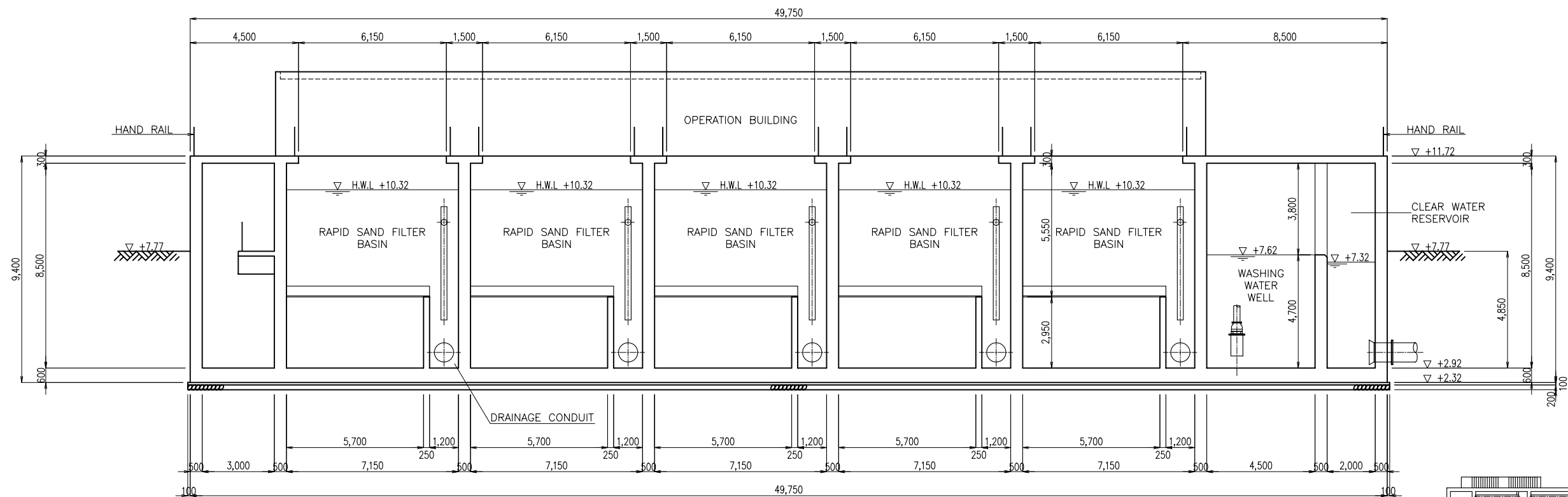
KEY PLAN



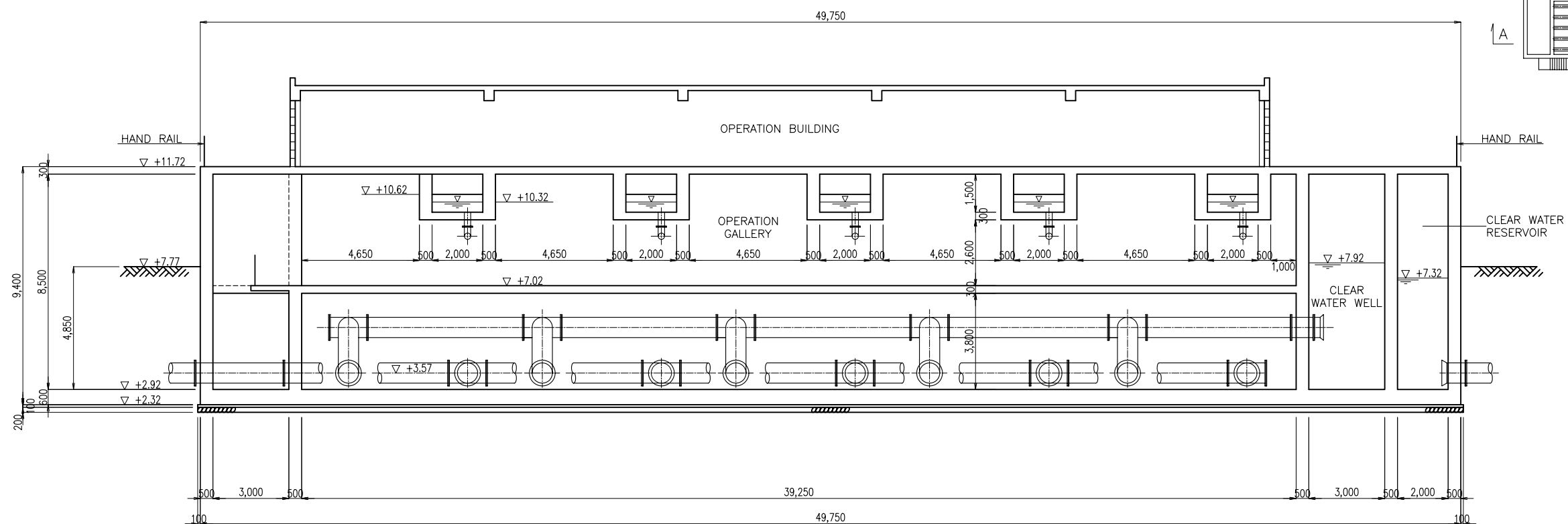
RAPID SAND FILTER – SECTIONS (1/2)

S=1:200

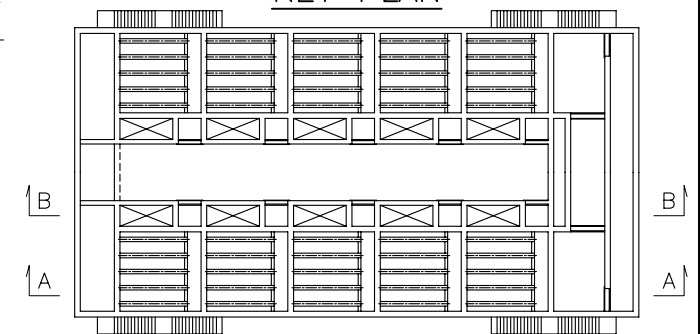
SECTION A-A



SECTION B-B

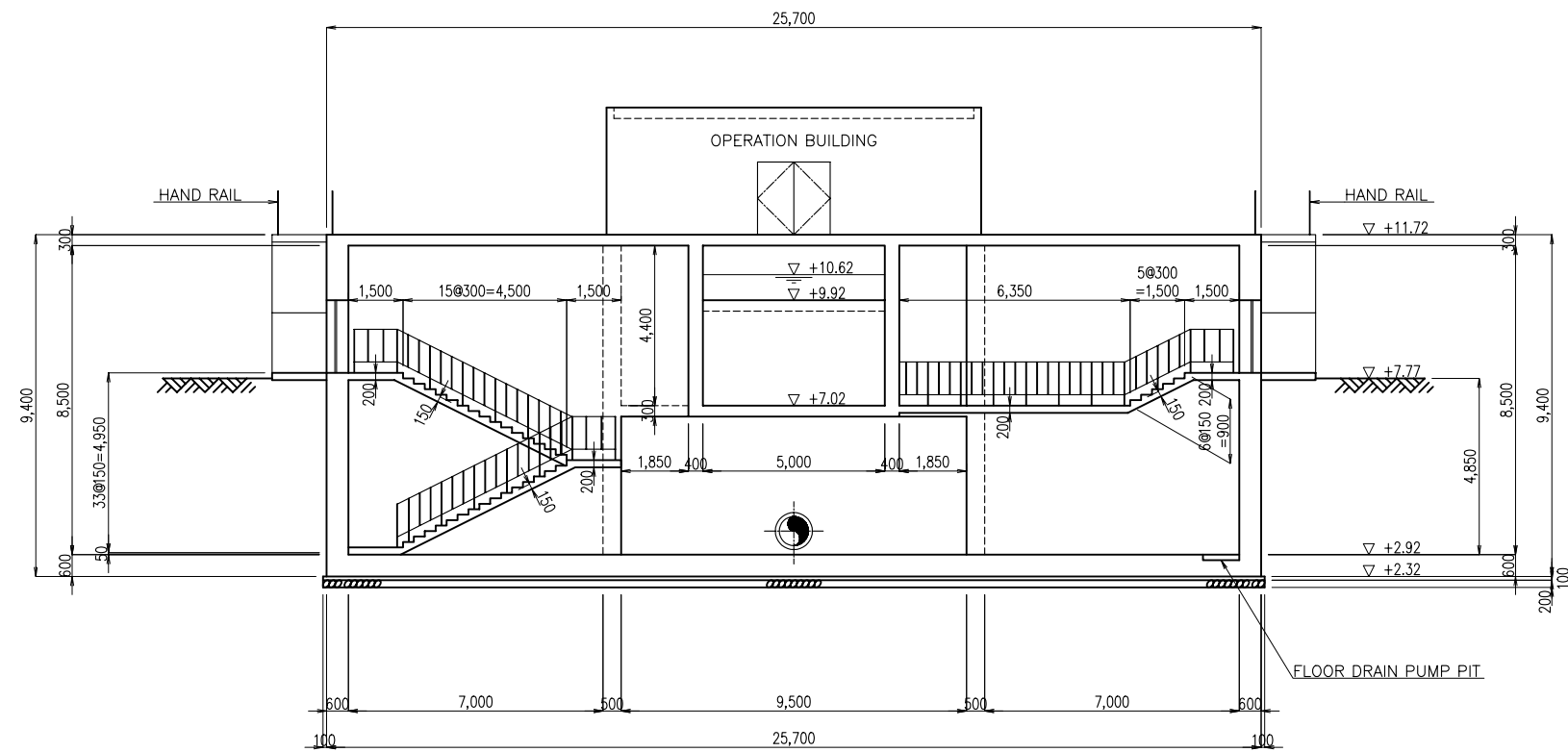


KEY PLAN

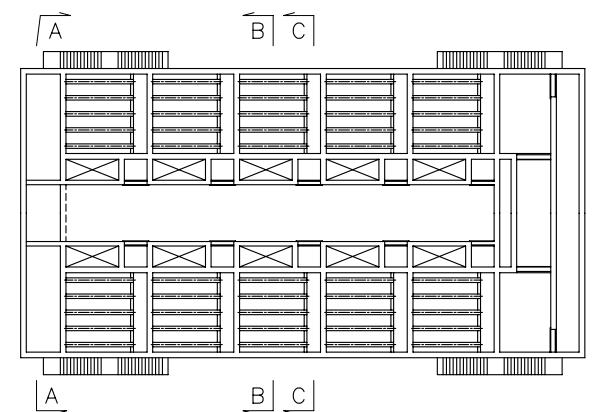


RAPID SAND FILTER – SECTIONS (2/2) S=1:200

SECTION A-A

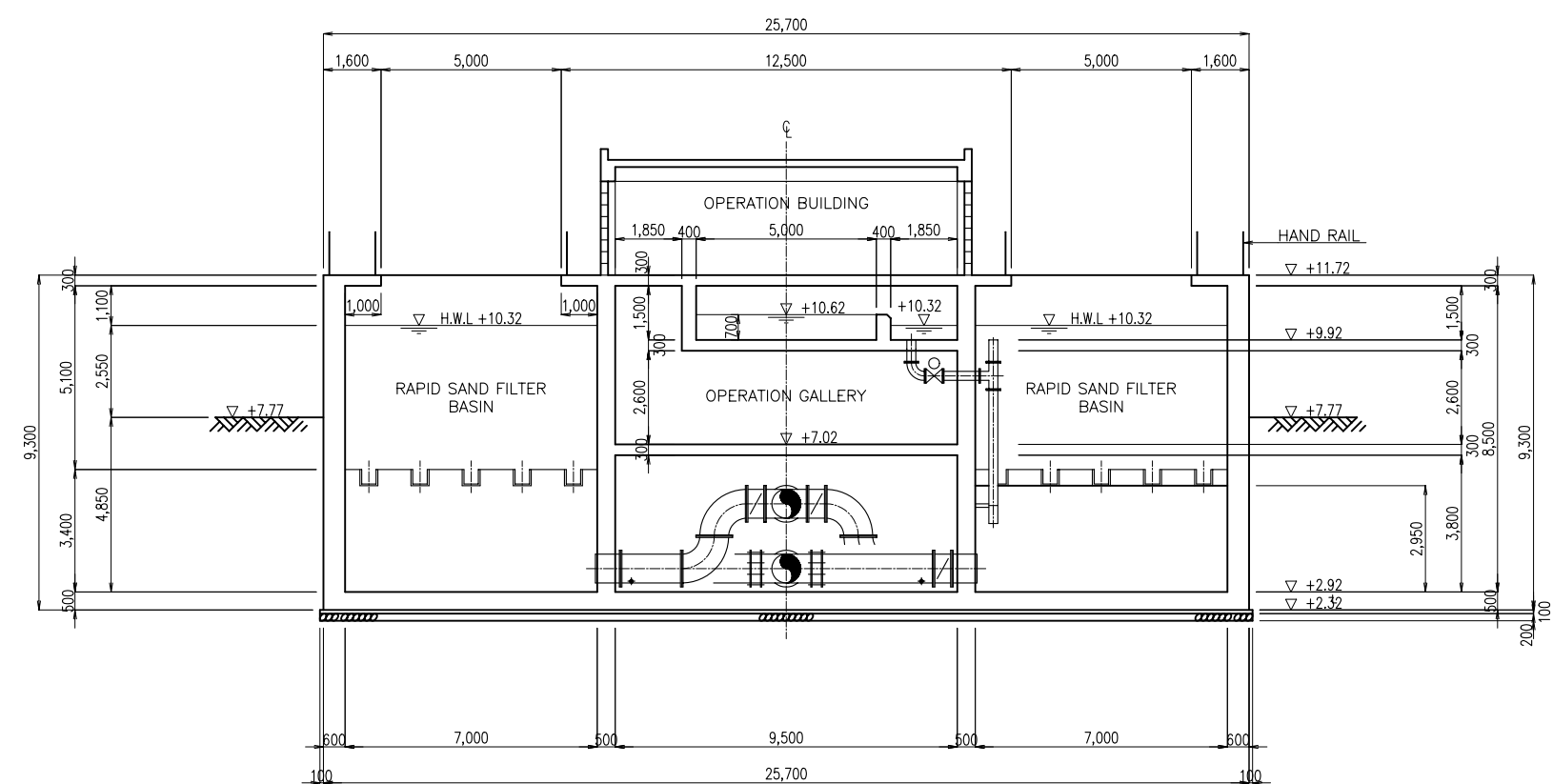


KEY PLAN

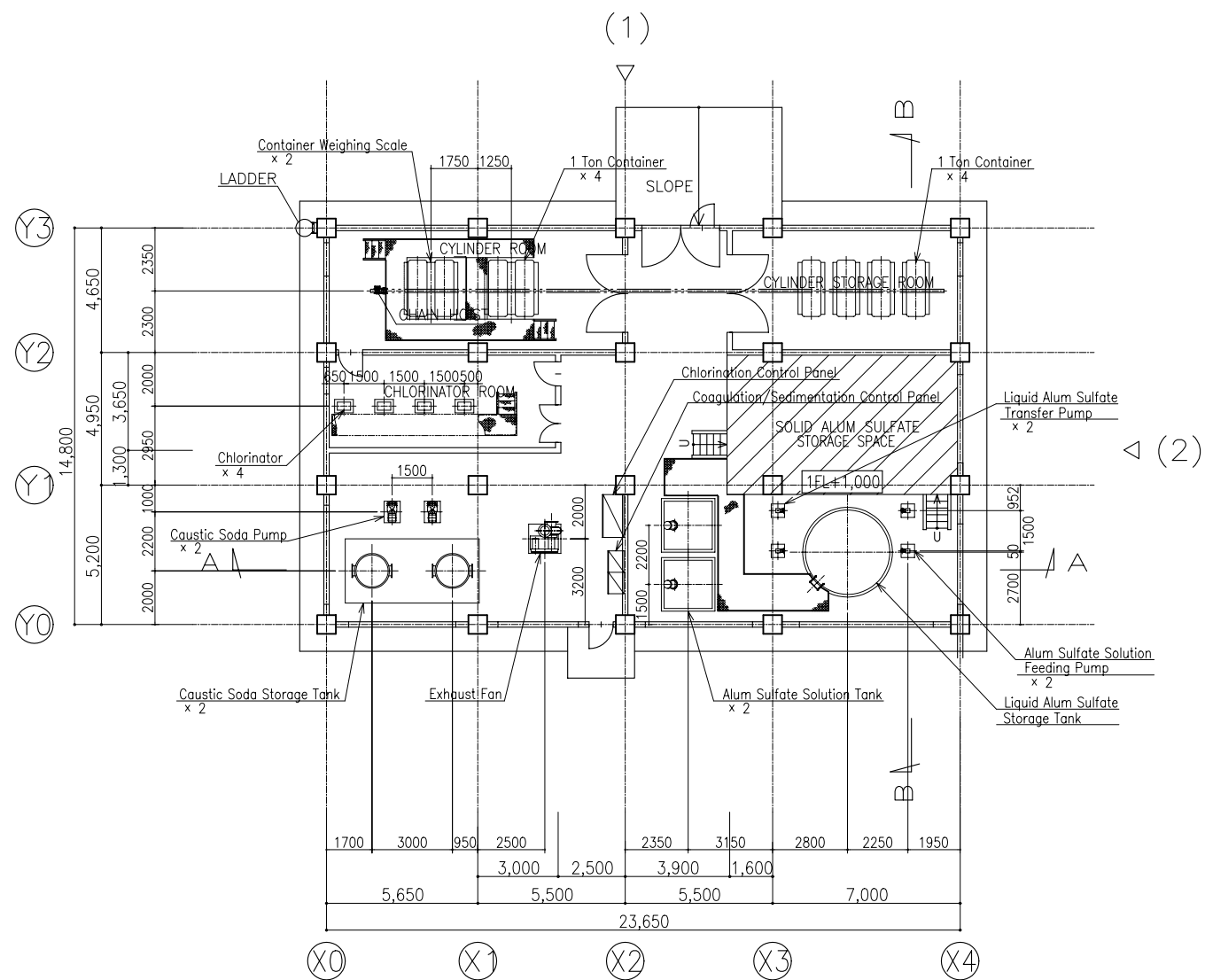


SECTION B-B

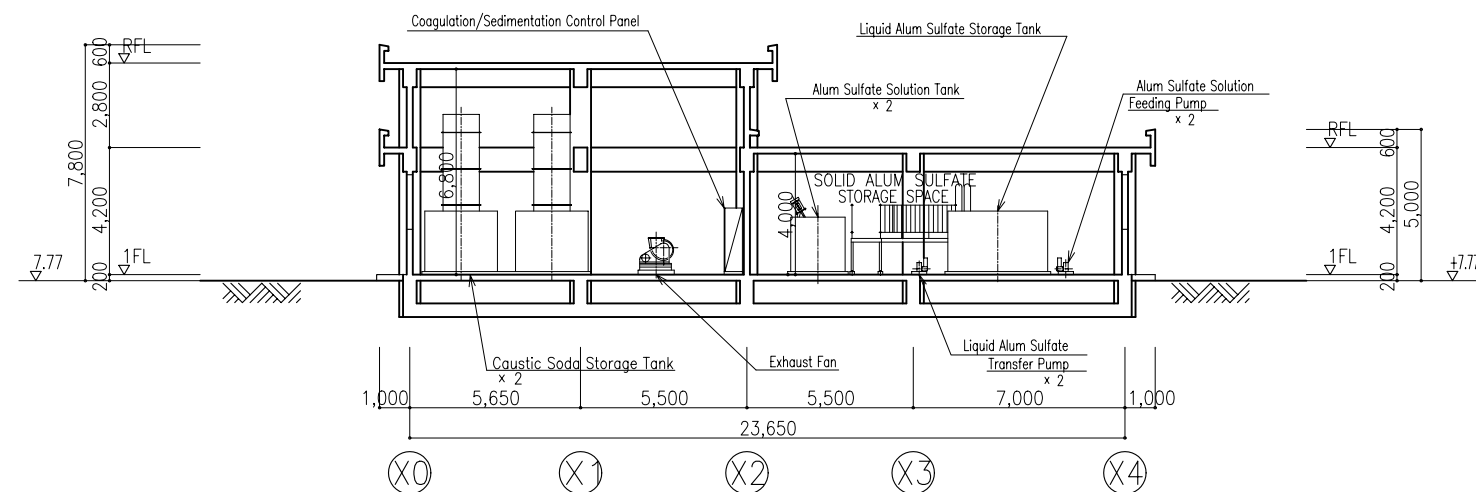
SECTION C-C



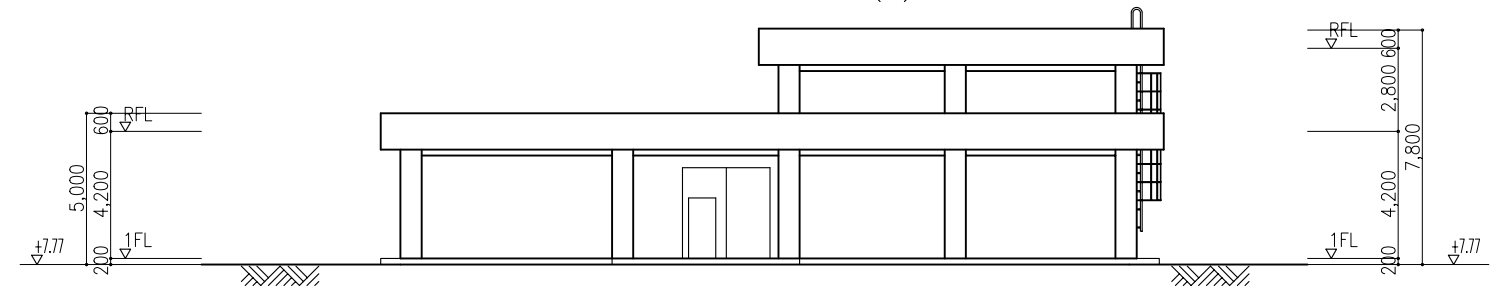
PLAN — GROUND FLOOR



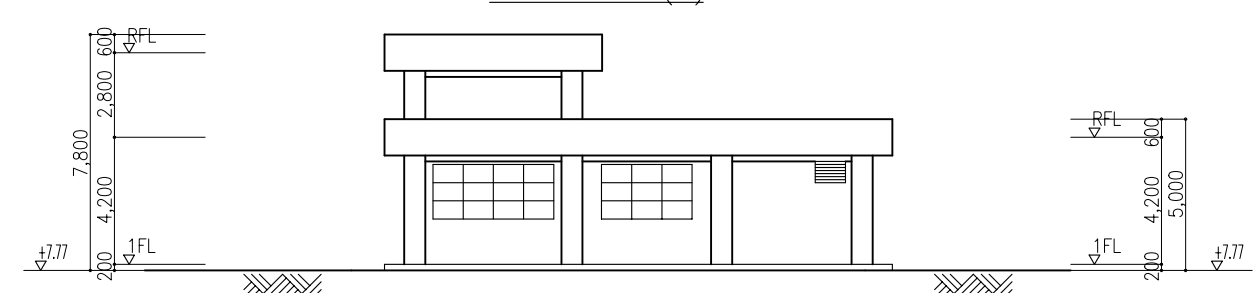
SECTION A-A



ELEVATION (1)

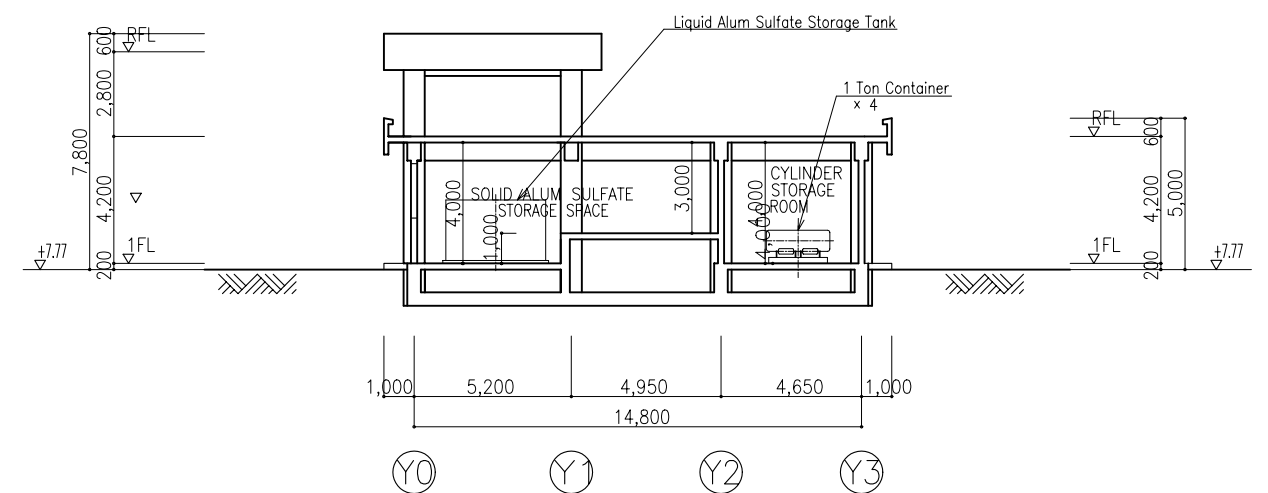


ELEVATION (2)



ELEVATION (2)

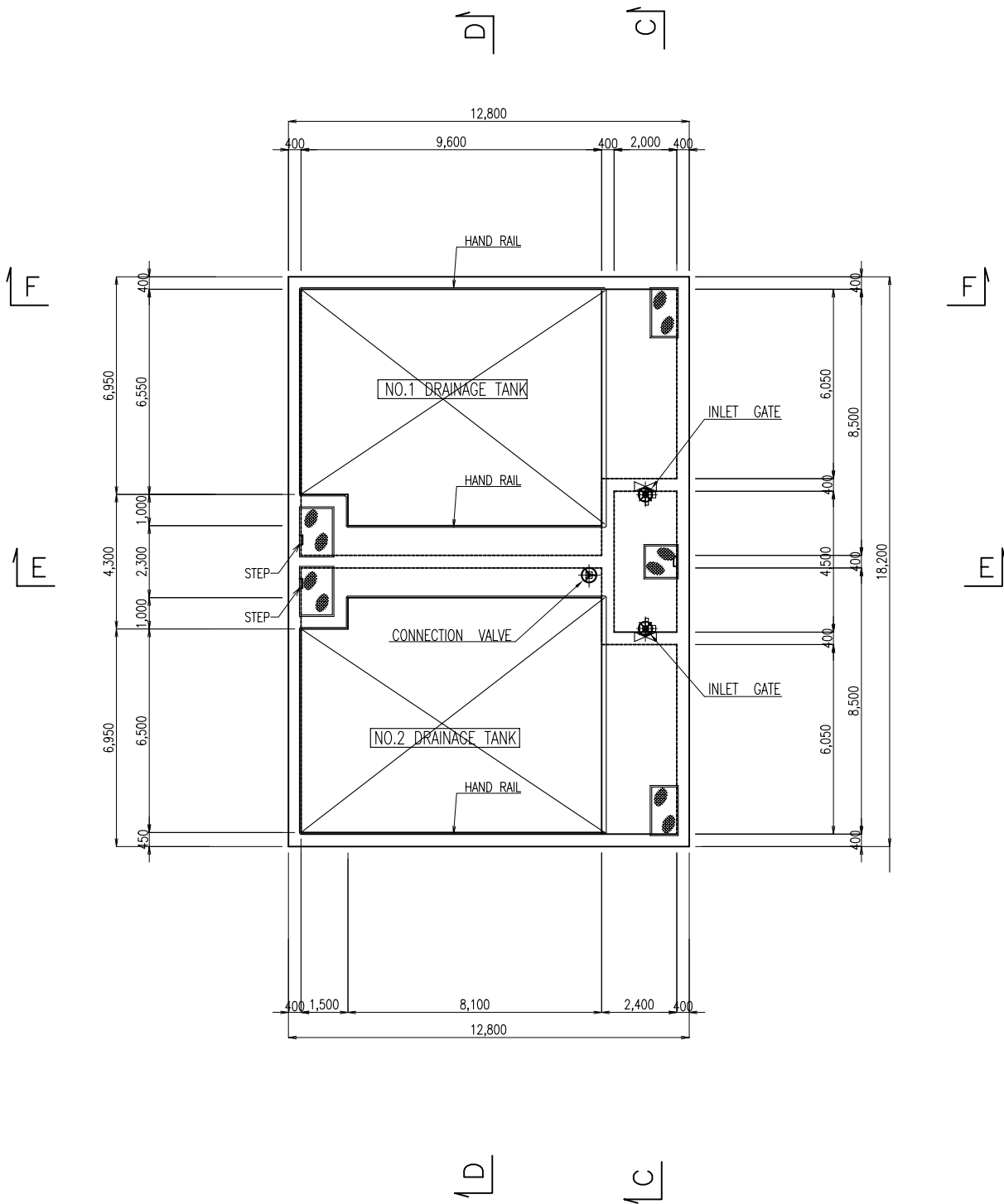
SECTION B-B



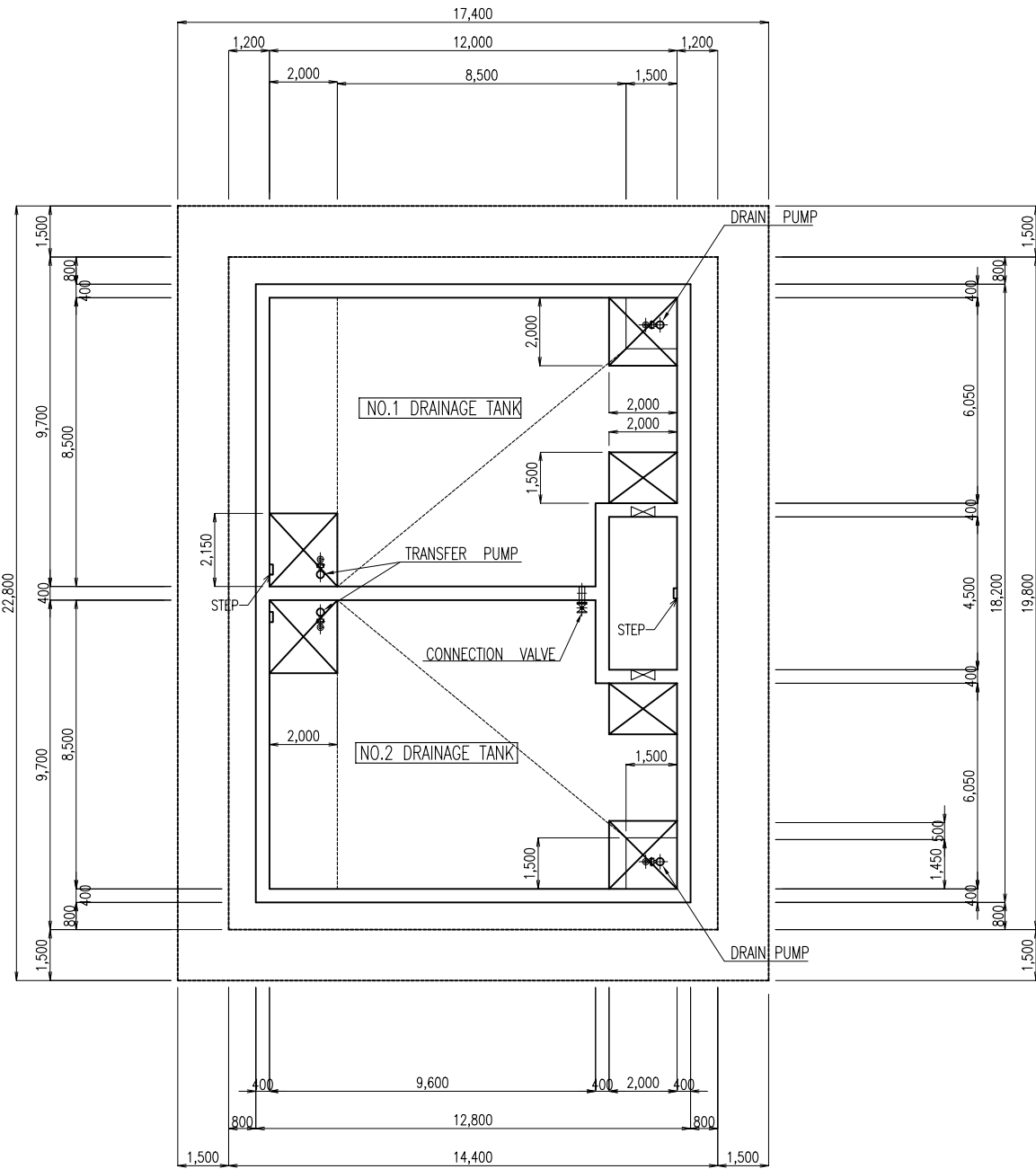
SWP-21 CHEMICAL DOZING HOUSE

DRAINAGE TANK – PLANS
S=1:200

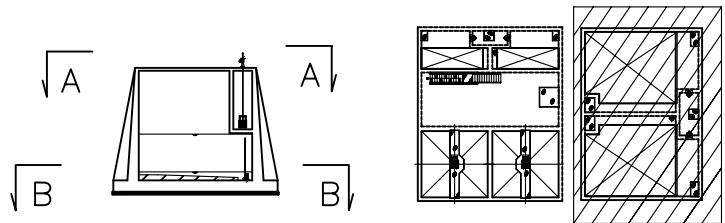
SECTION A-A



SECTION B-B



KEY PLAN

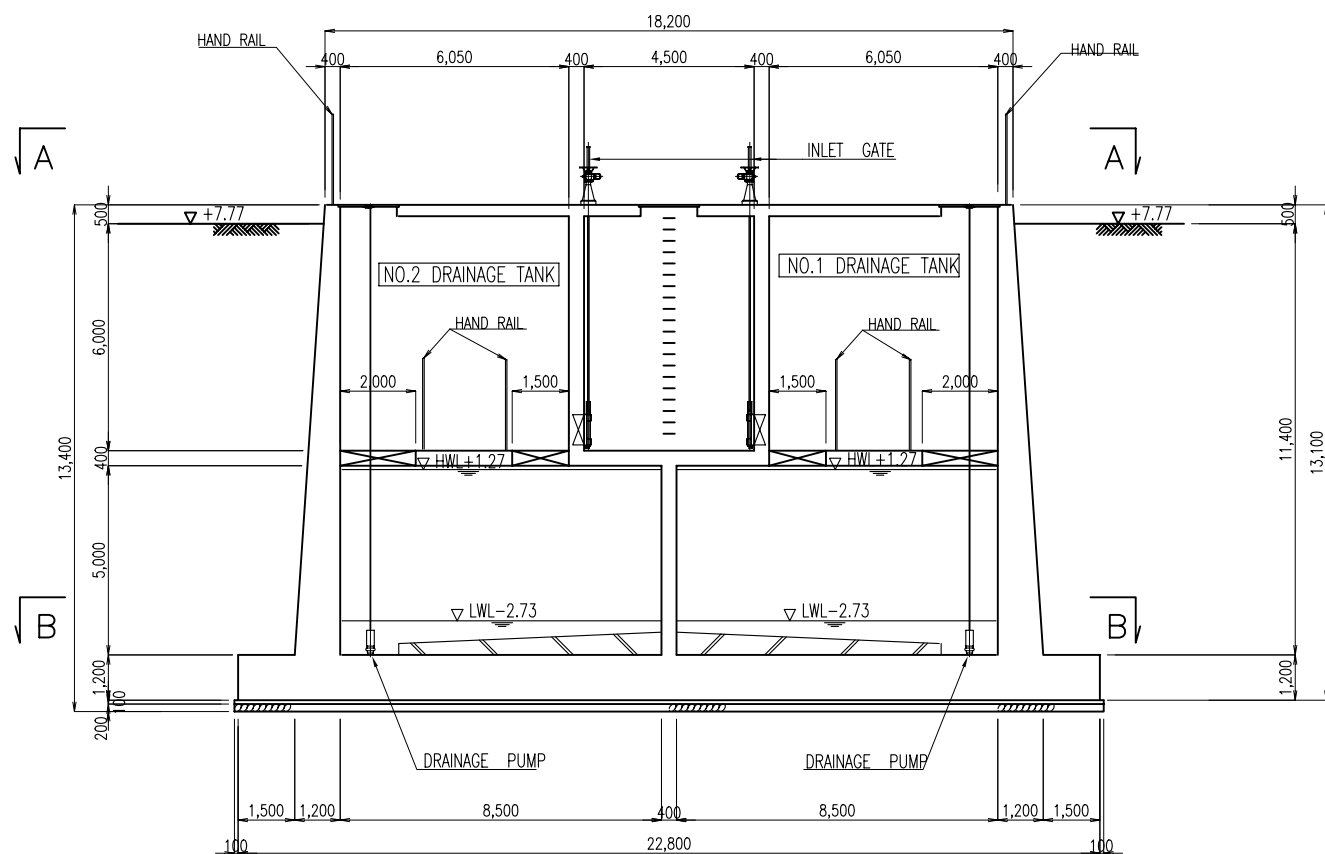


SWP-22 DRAINAGE TANK (PLAN)

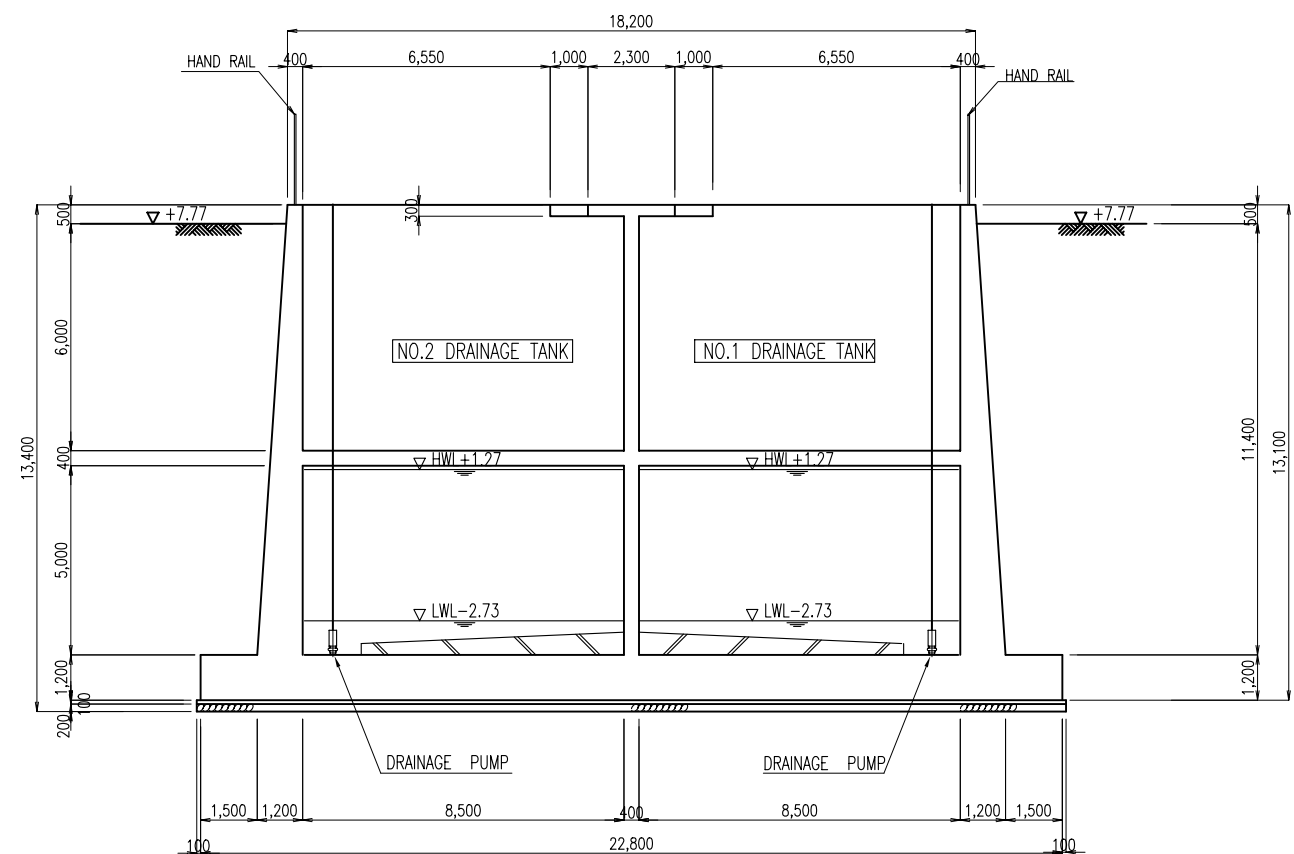
DRAINAGE TANK – SECTIONS

S=1:200

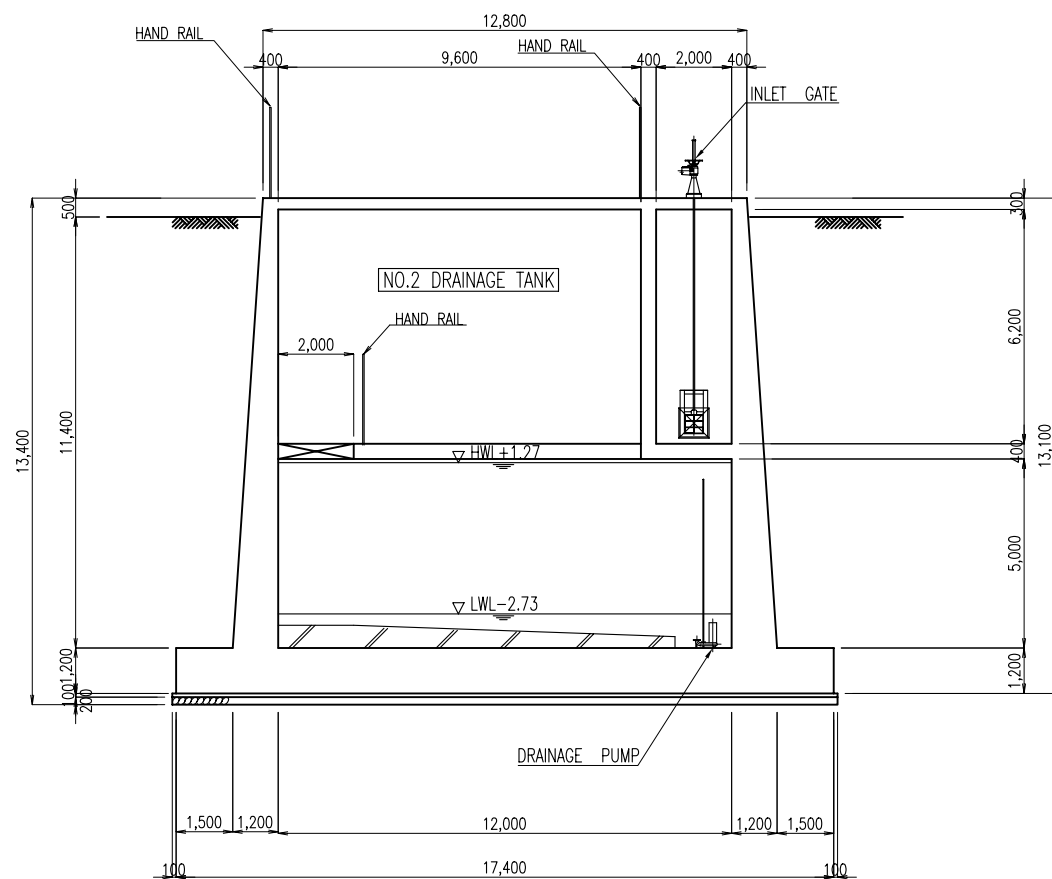
SECTION C-C



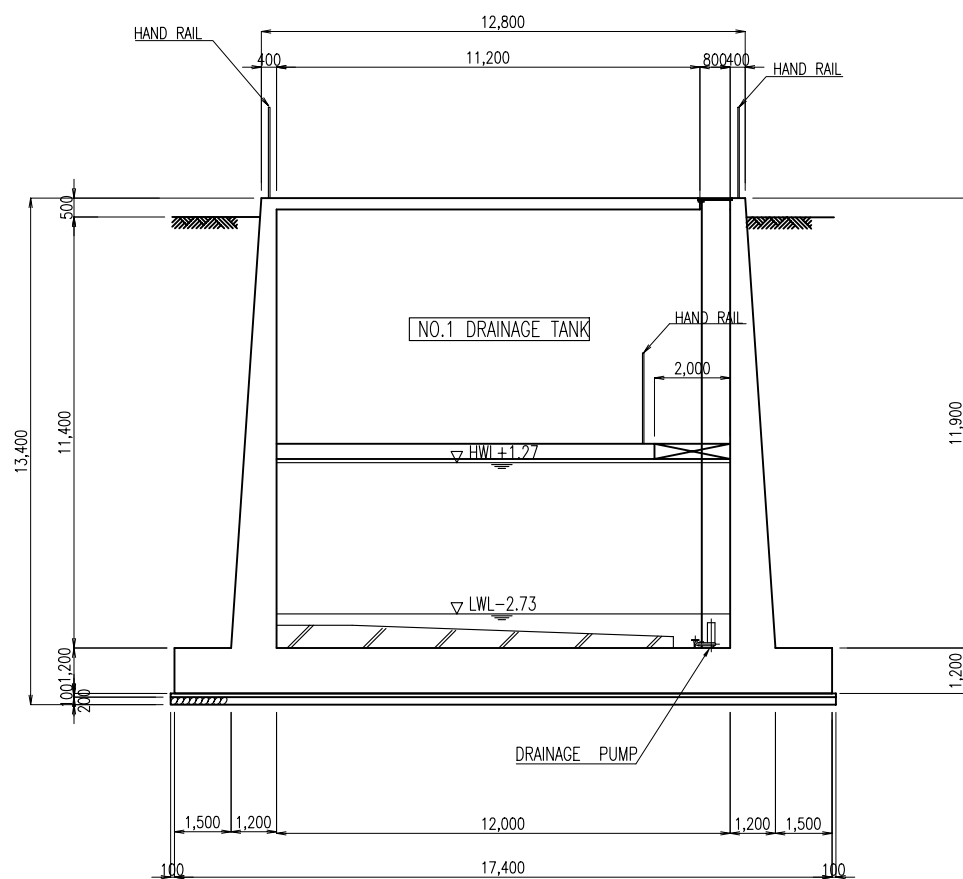
SECTION D-D



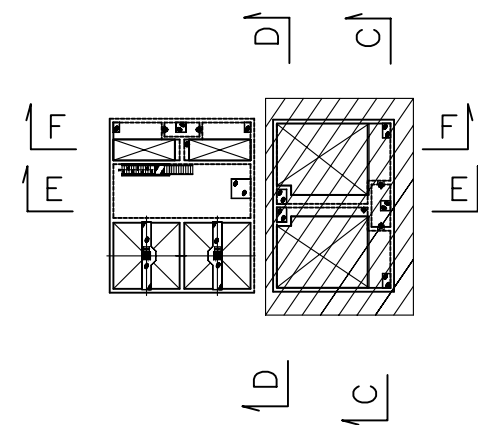
SECTION E-E



SECTION F-F



KEY PLAN

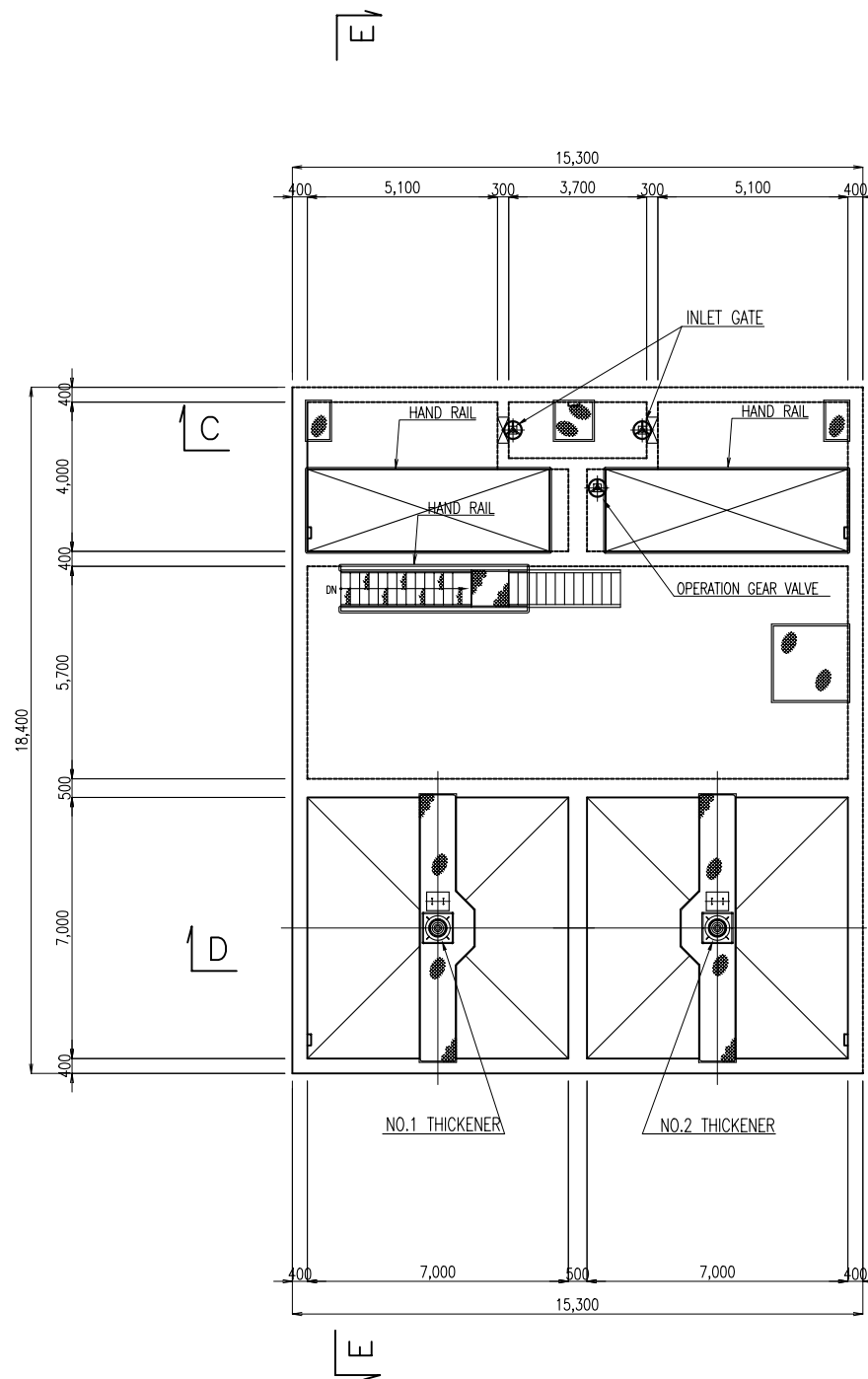


SWP-23 DRAINAGE TANK (SECTION)

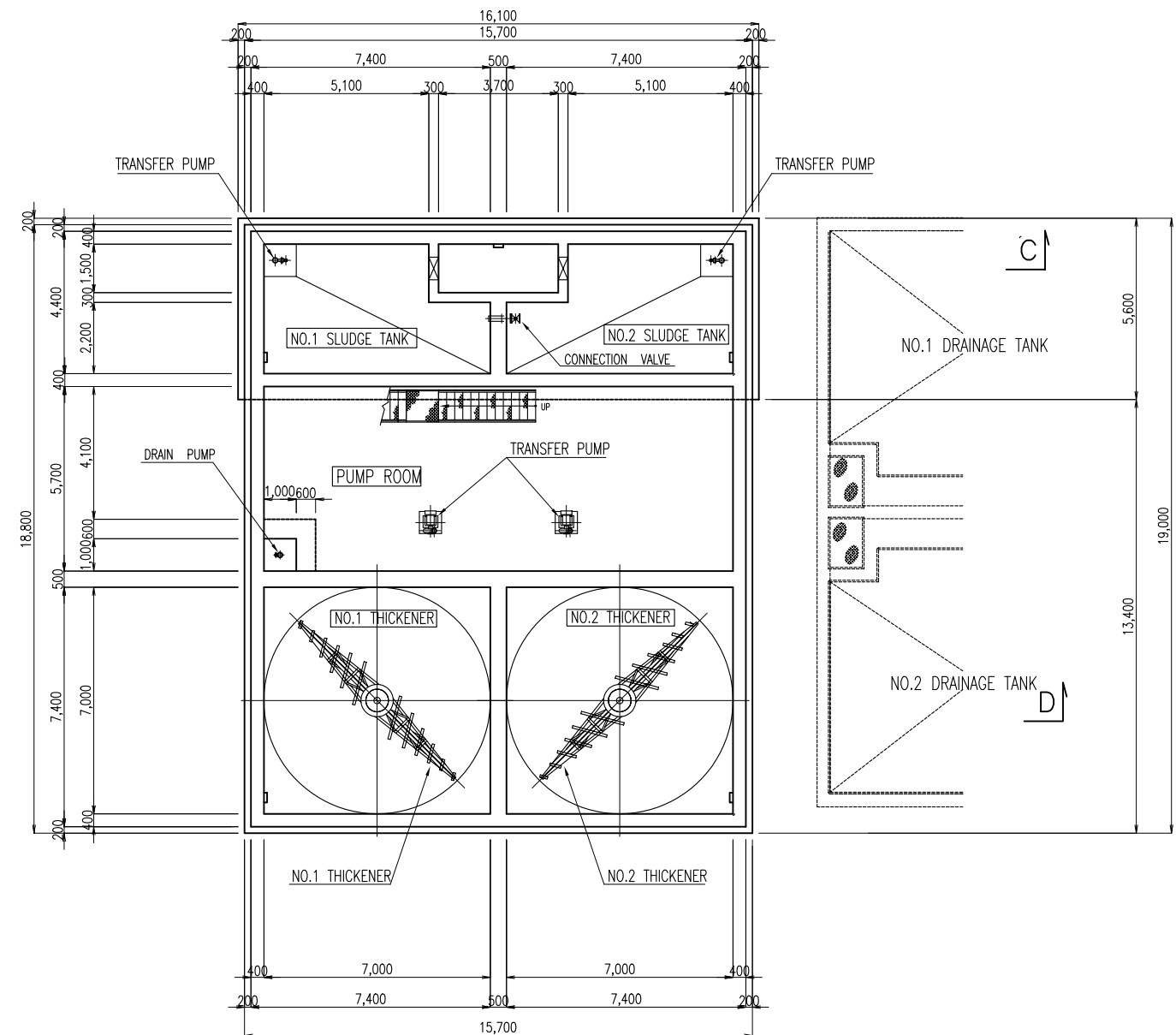
SLUDGE TANK & THICKENER – PLANS

S=1:200

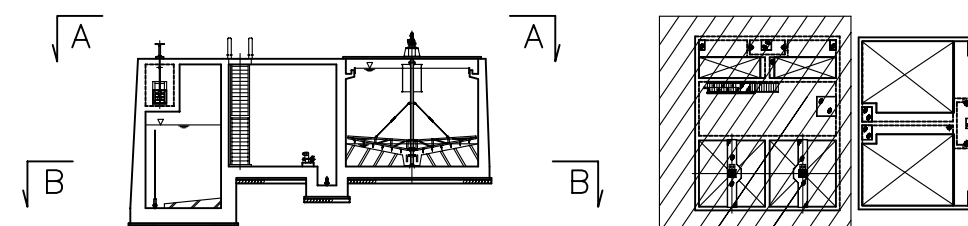
SECTION A-A



SECTION B-B



KEY PLAN

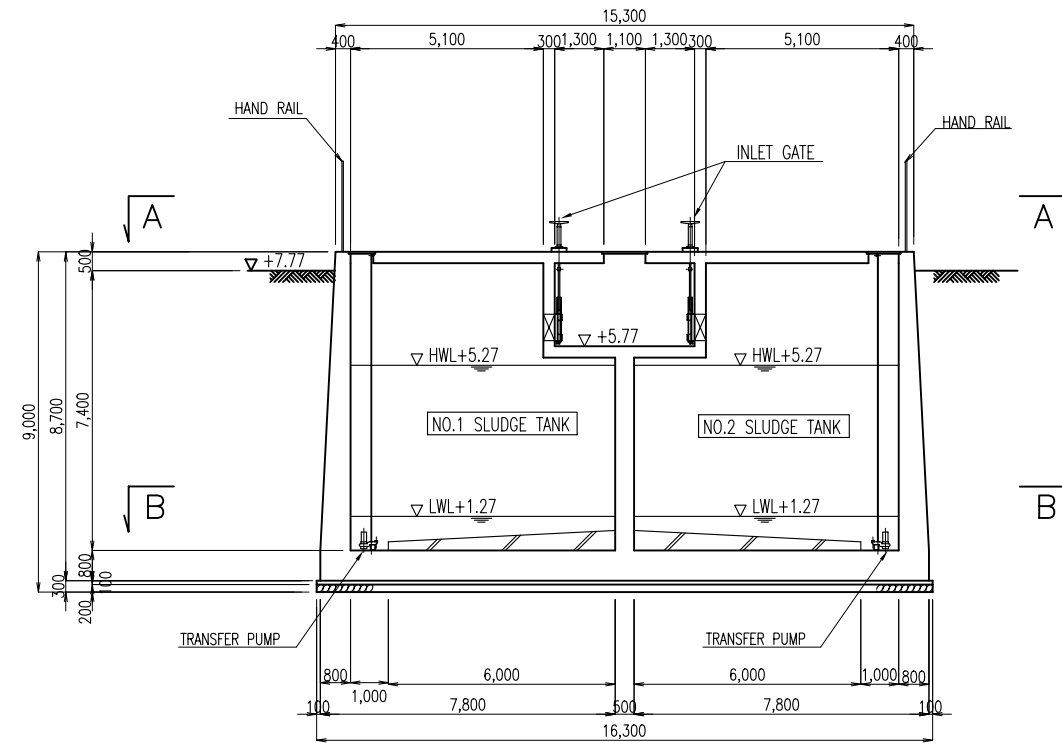


SWP-24 SLUDGE TANK AND THICKENER

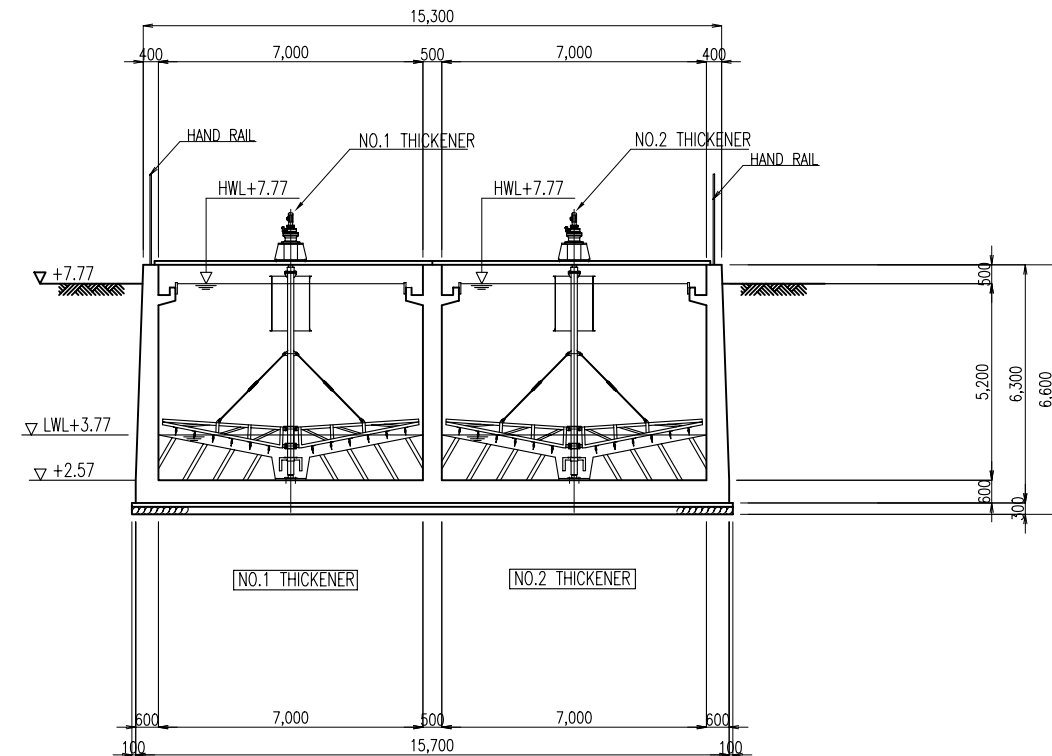
SLUDGE TANK & THICKENER – SECTIONS

S=1:200

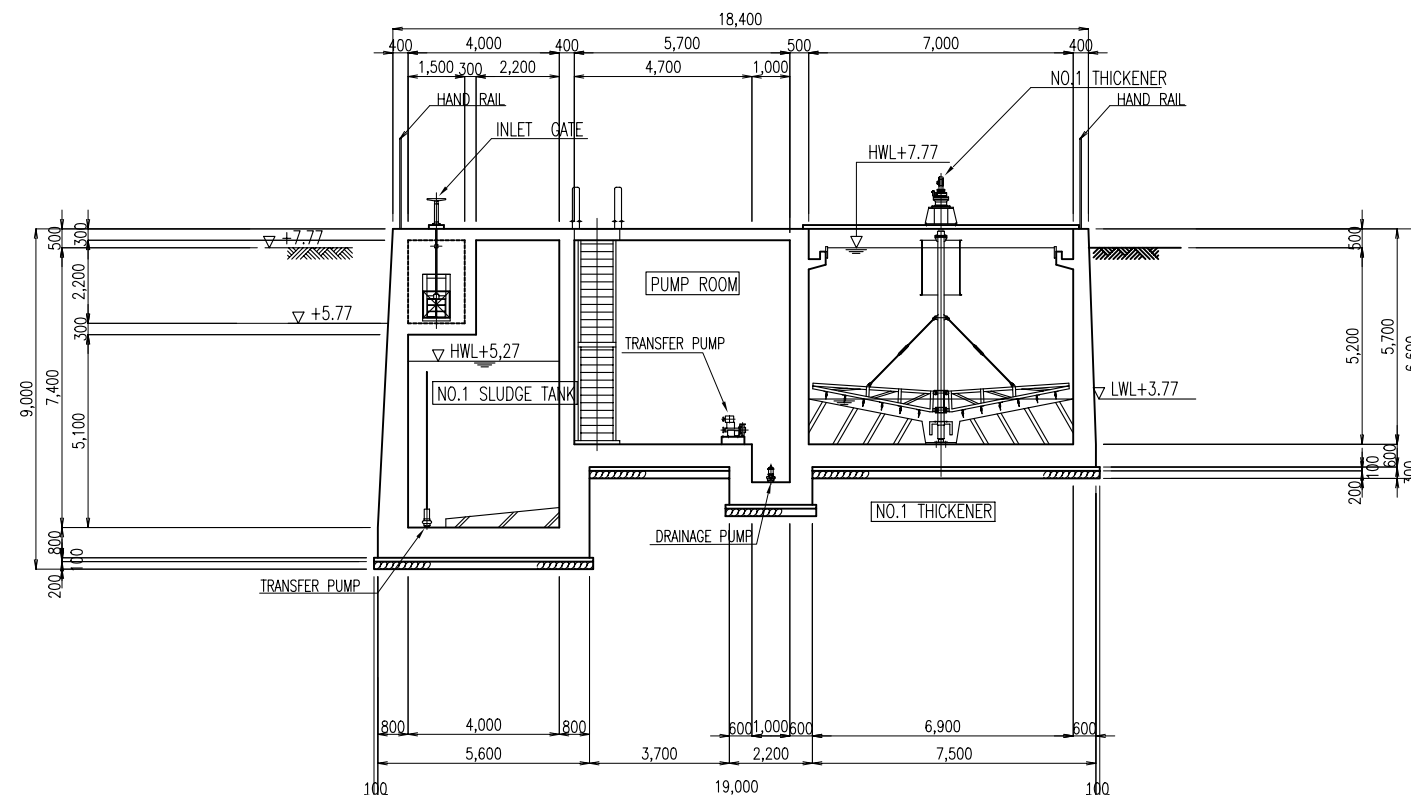
SECTION C-C



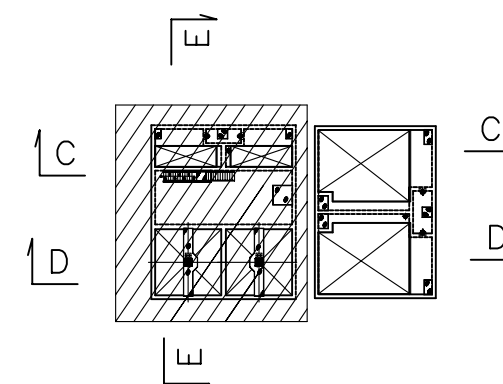
SECTION D-D



SECTION E-E



KEY PLAN

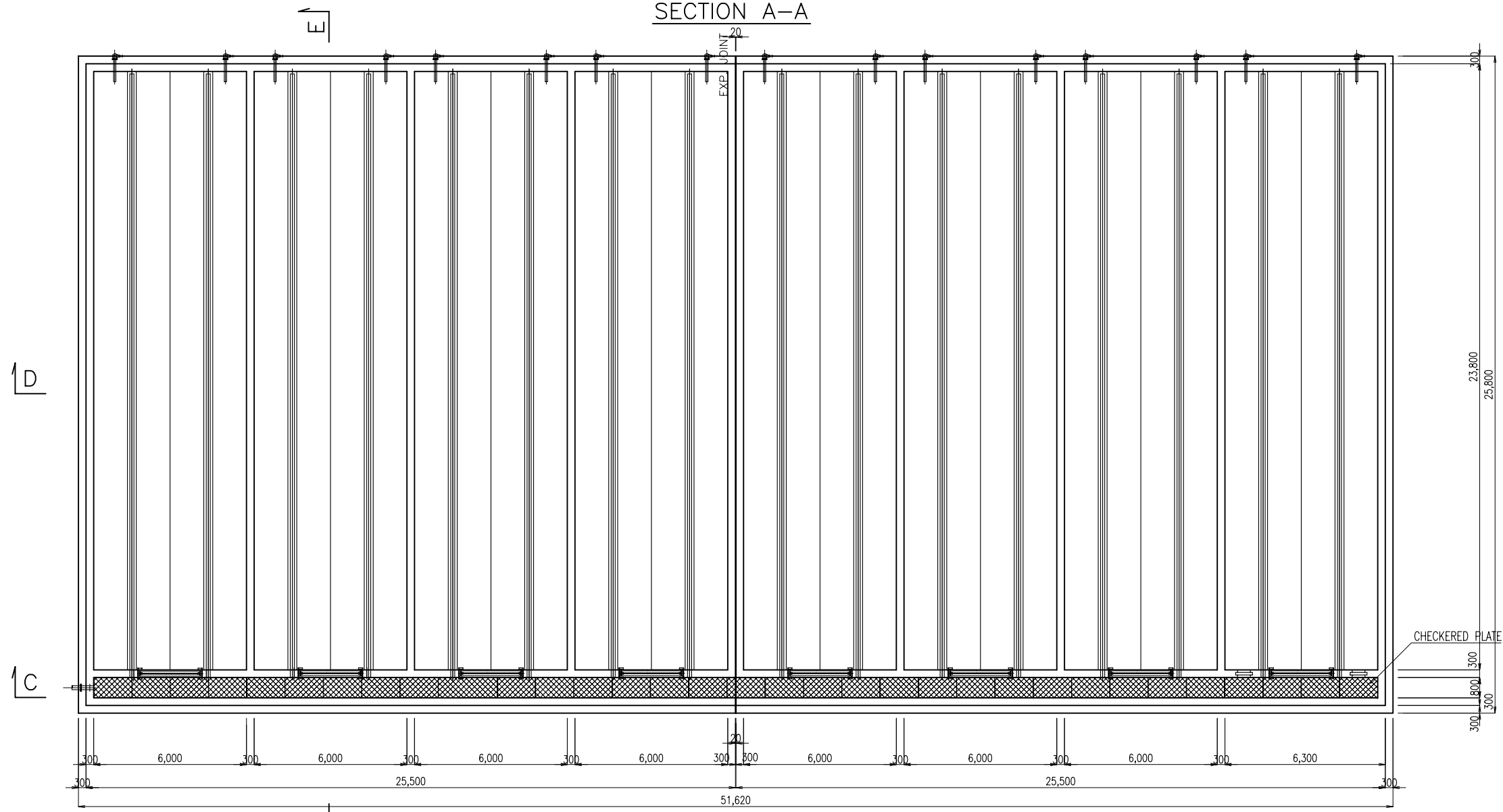


SWP-25 SLUDGE TANK AND THICKENER (SECTION)

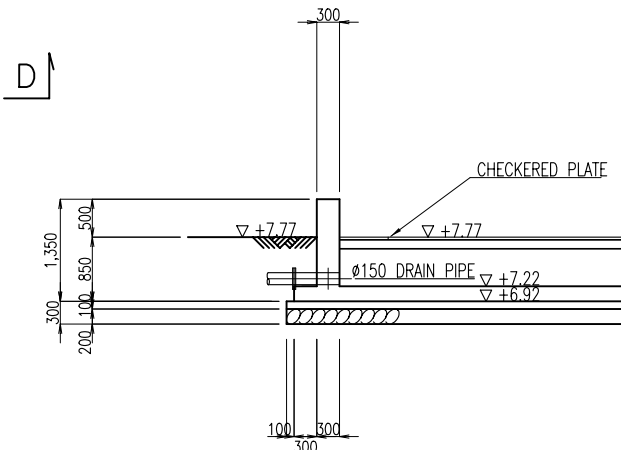
SLUDGE DRYING BED – PLAN

S=1:200

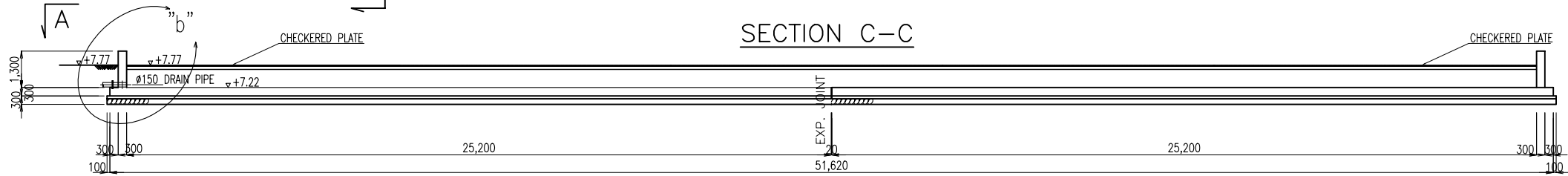
SECTION A-A



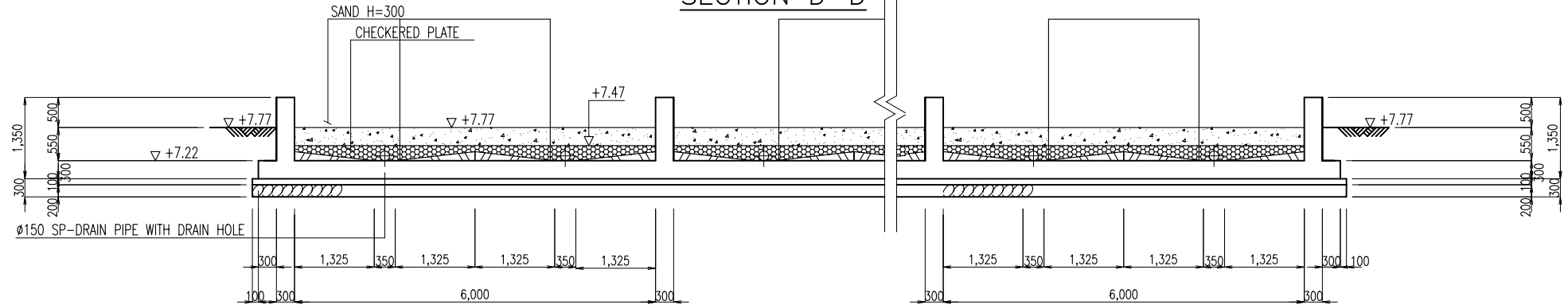
"b" DETAIL



SECTION C-C



SECTION D-D

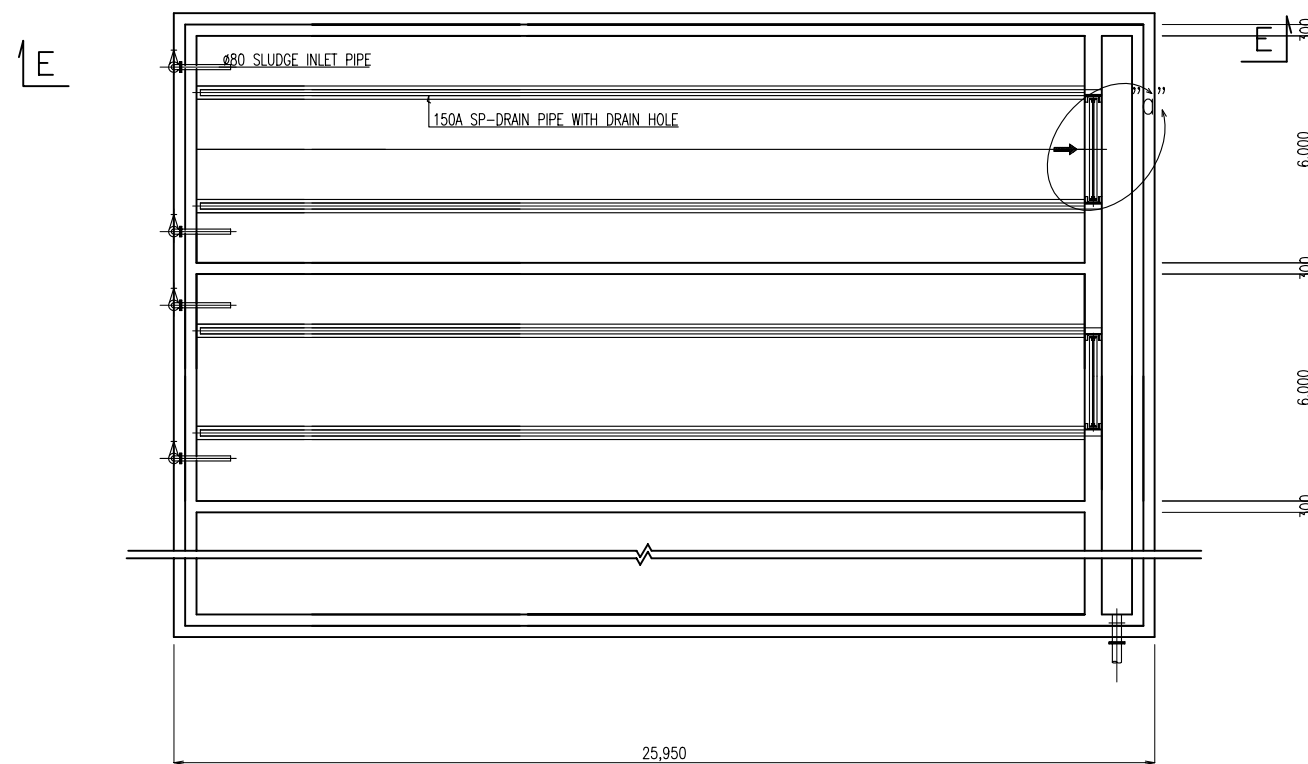


SWP-26 SLUDGE DRYING BED (PLAN)

SLUDGE DRYING BED (2/2)

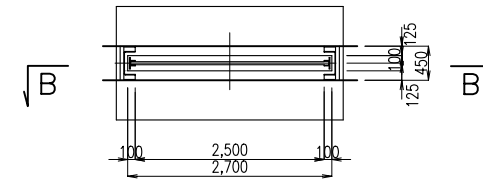
S=1:200

SECTION B-B
S=1:200



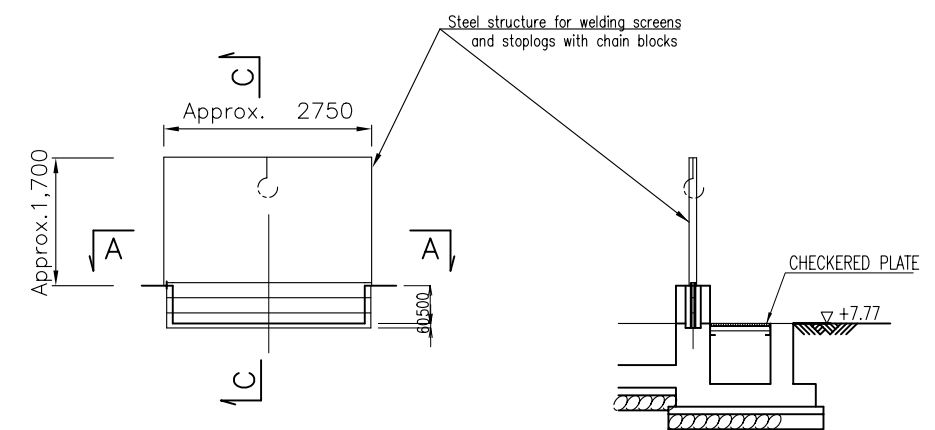
DETAIL "a"
S=1/40

SECTION A-A

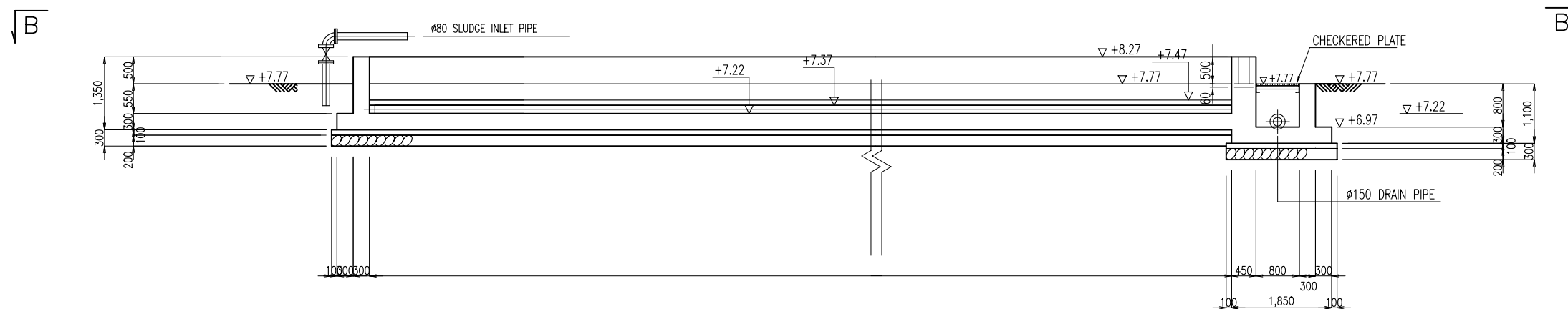


SECTION B-B

SECTION C-C



SECTION E-E
S=1:200



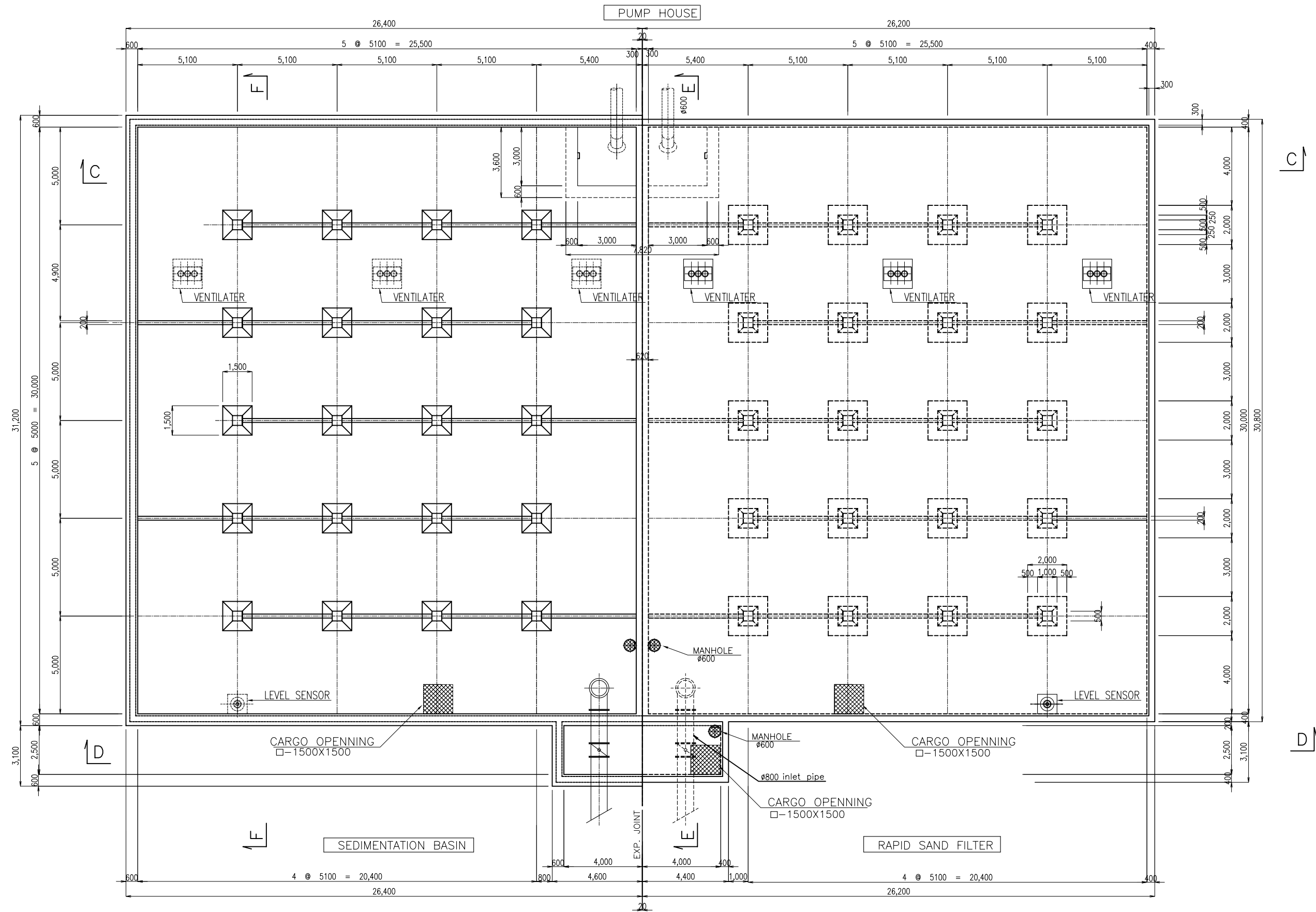
SWP-27 SLUDGE DRYING BED (SECTION)

TREATED WATER RESERVOIR – PLAN

S=1:200

SECTION B-B

SECTION A-A

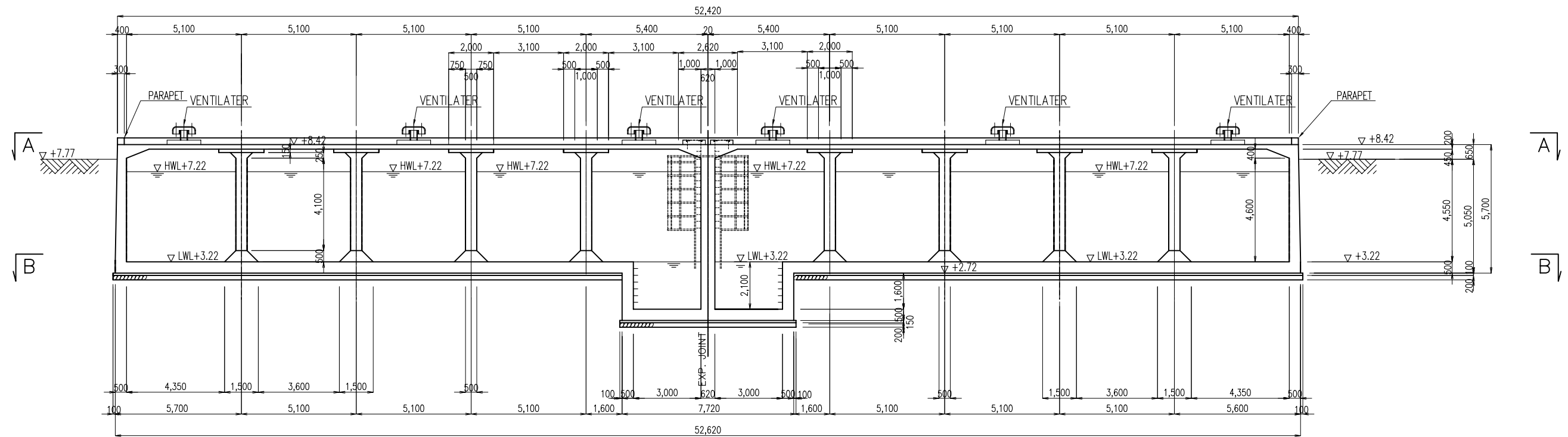


SWP-28 TREATED WATER RESERVOIR (PLAN)

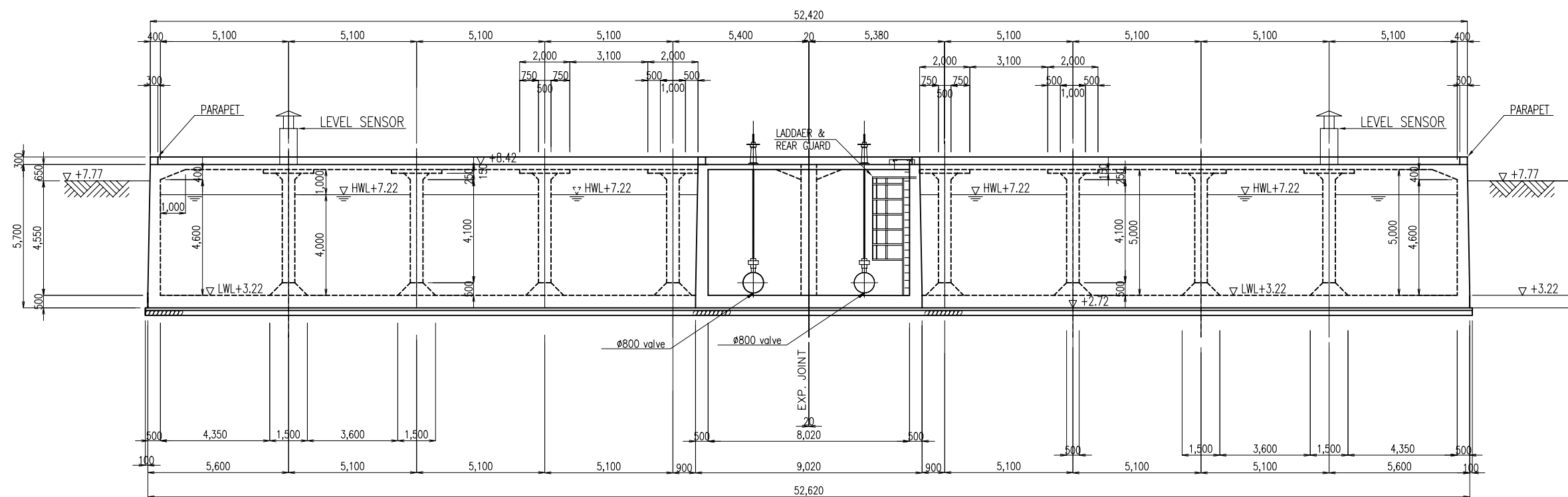
TREATED WATER RESERVOIR – SECTIONS (1/2)

S=1:200

SECTION C-C



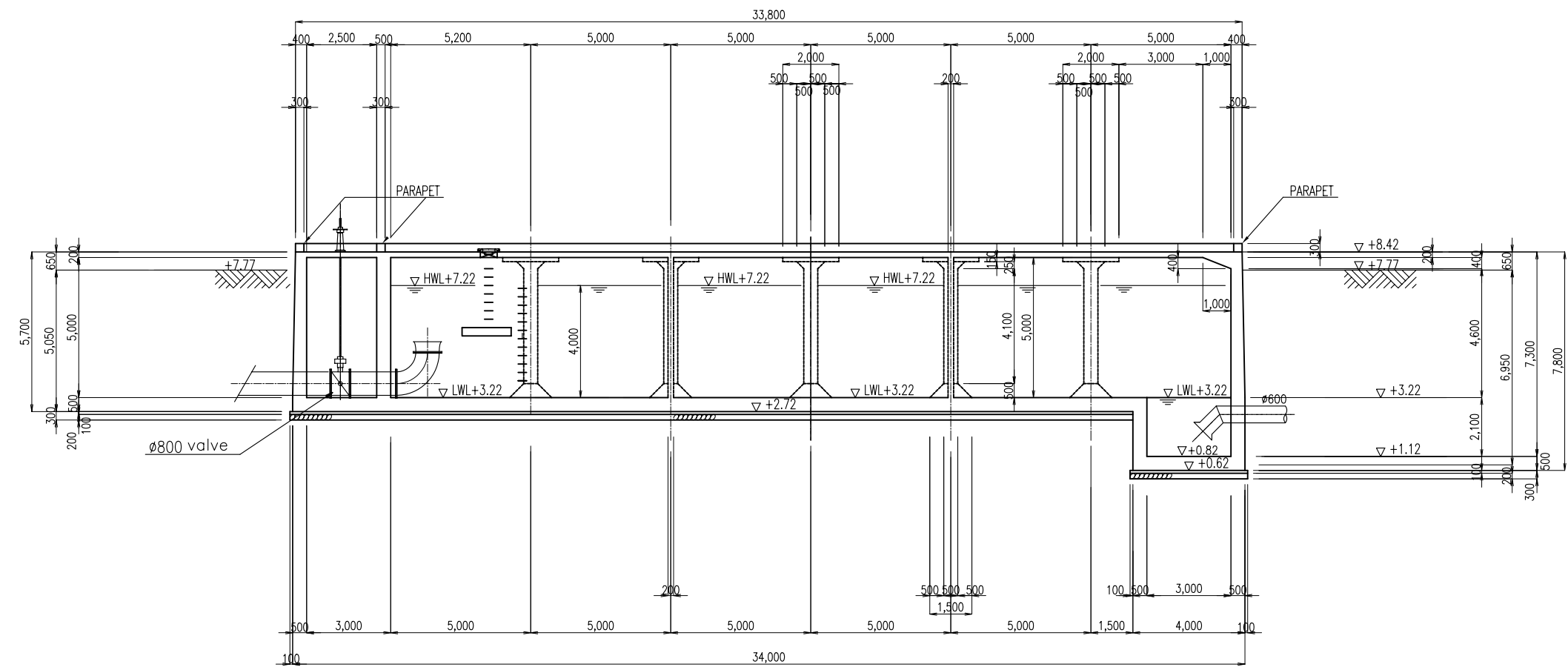
SECTION D-D



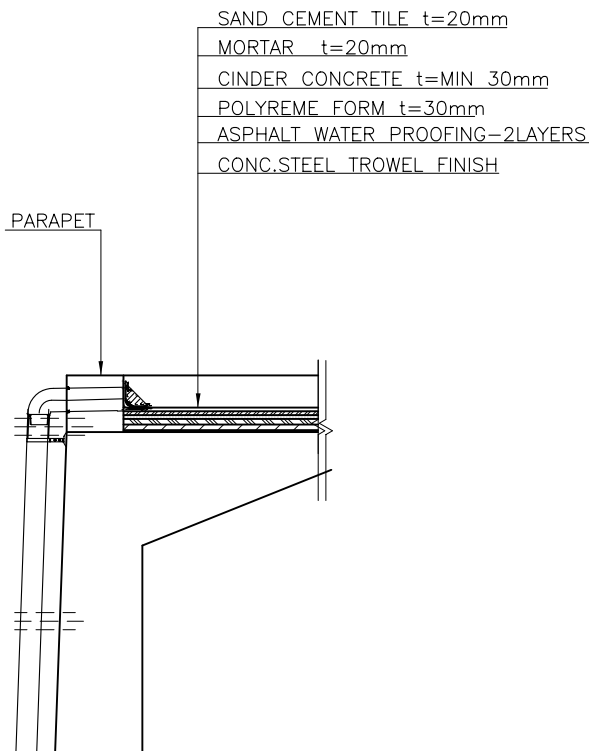
SWP-29 TREATED WATER RESERVOIR (SECTION 1/2)

TREATED WATER RESERVOIR (3/3)

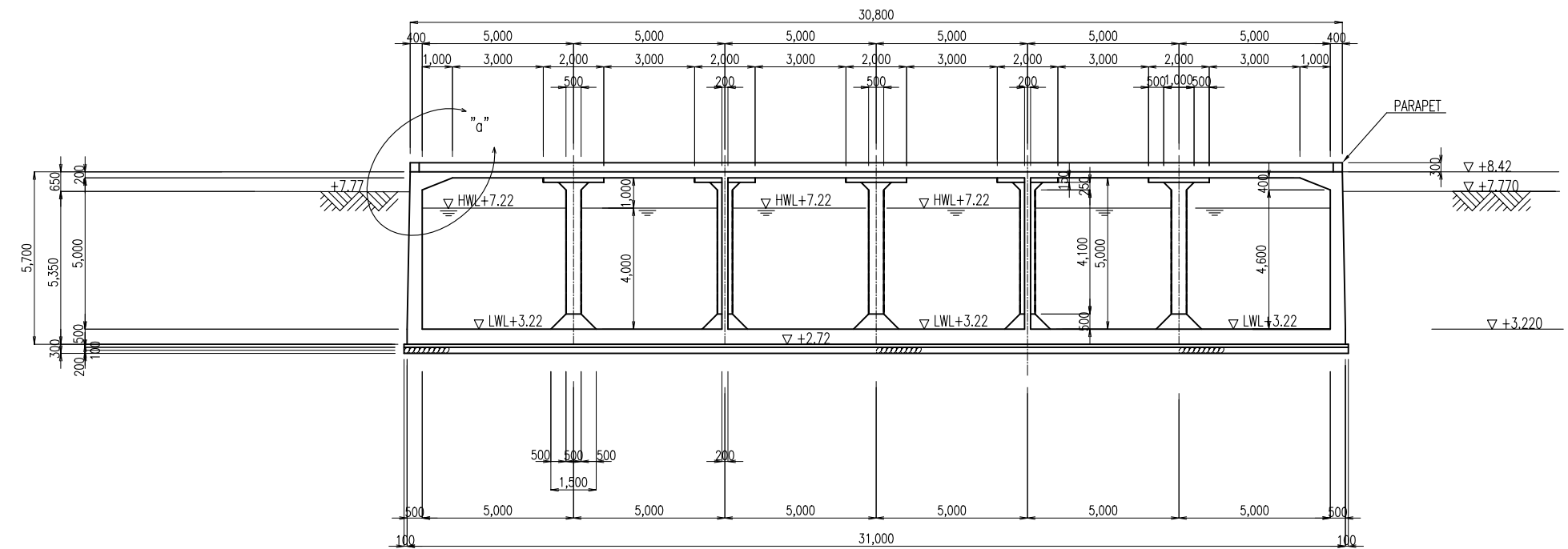
S=1:200
SECTION E-E



DETAIL "a"
S=1:40

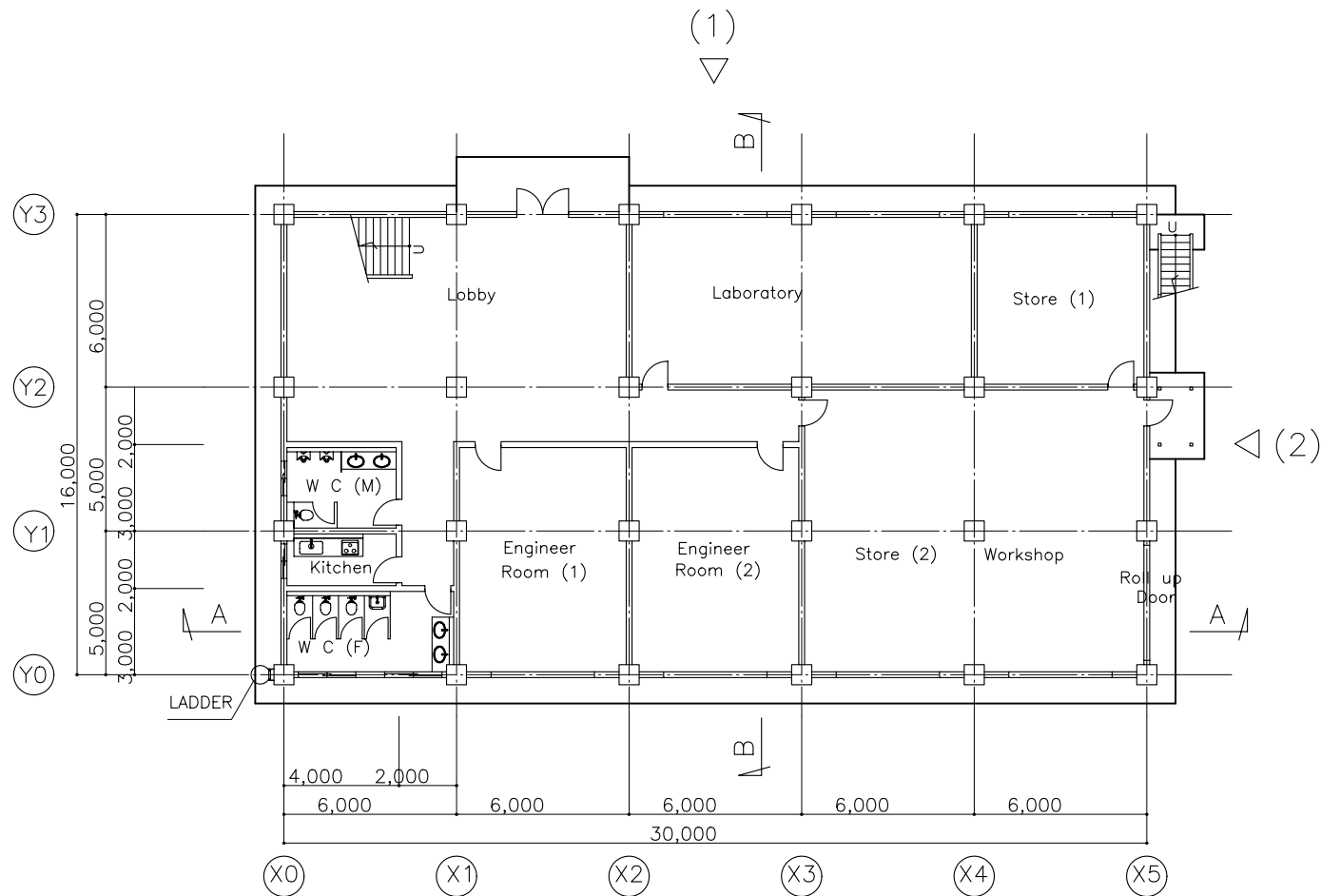


SECTION F-F

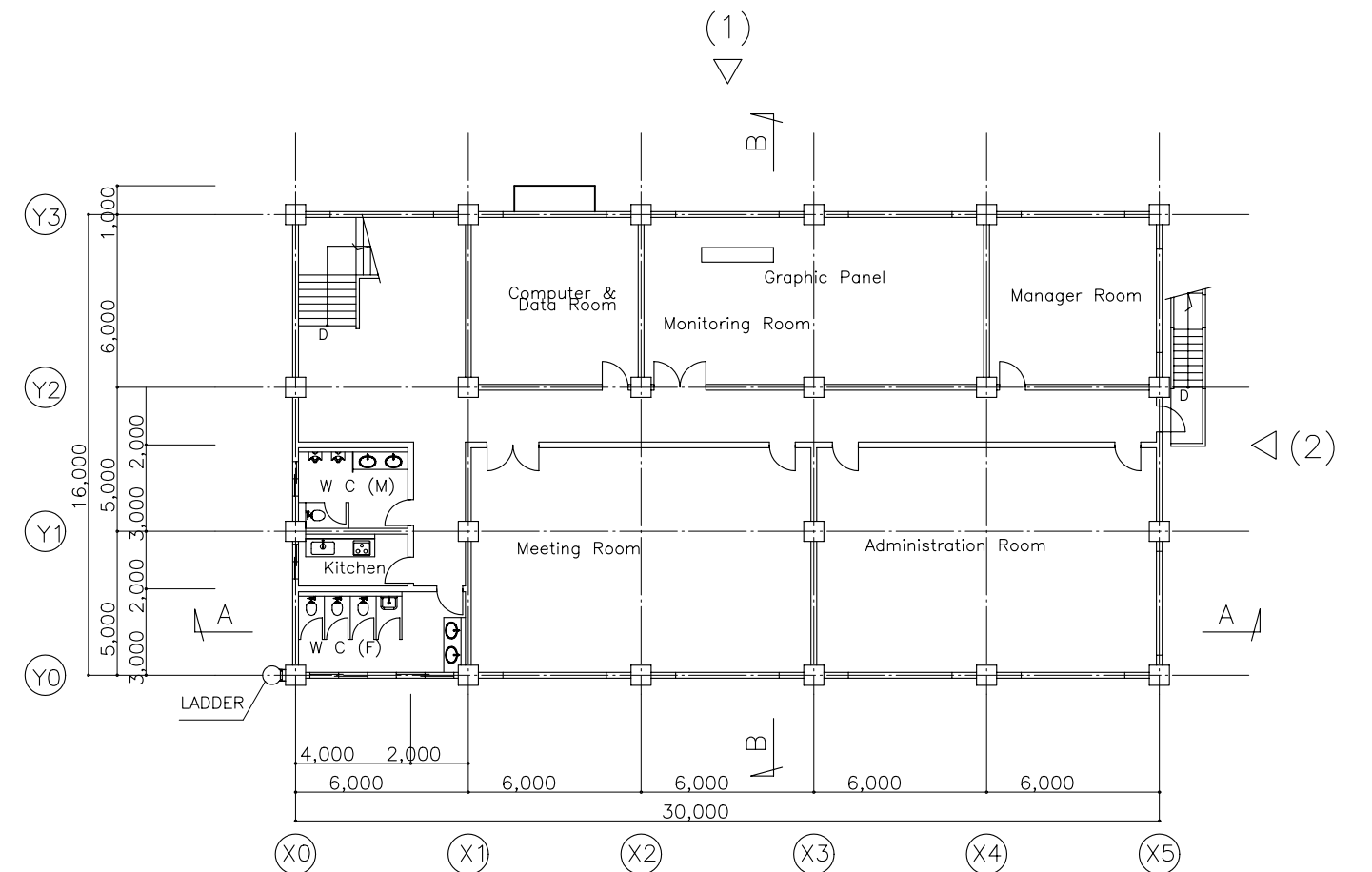


SWP-30 TREATED WATER RESERVOIR (SECTION 2/2)

PLAN – GROUND FLOOR

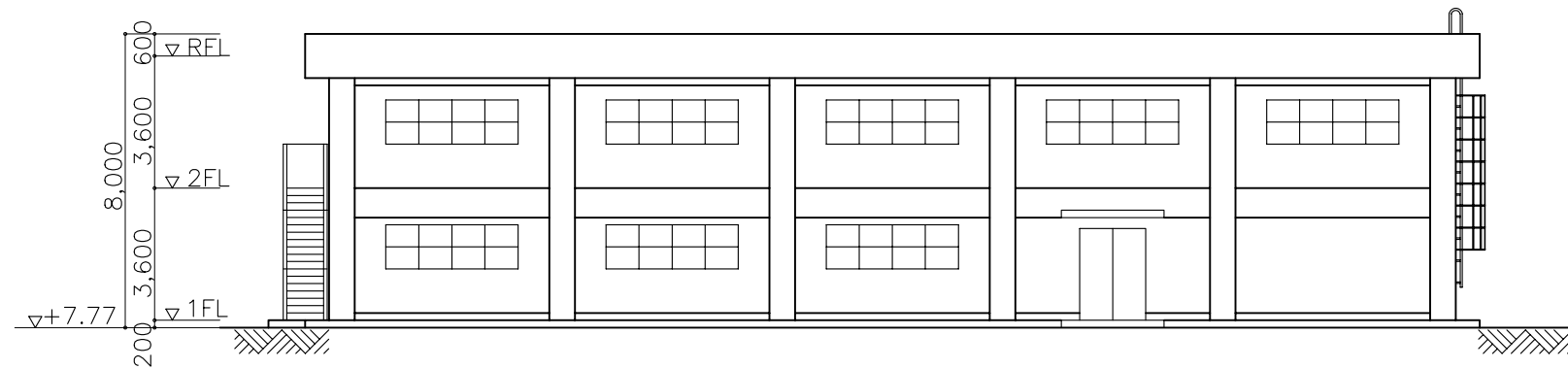


PLAN – FIRST FLOOR

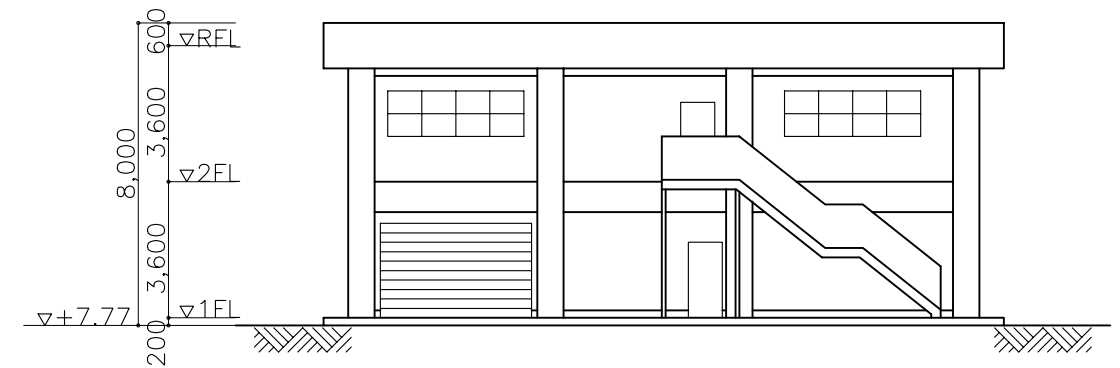


SWP-31 CENTRAL MONITORING AND ADMINISTRATION BUILDING (PLAN)

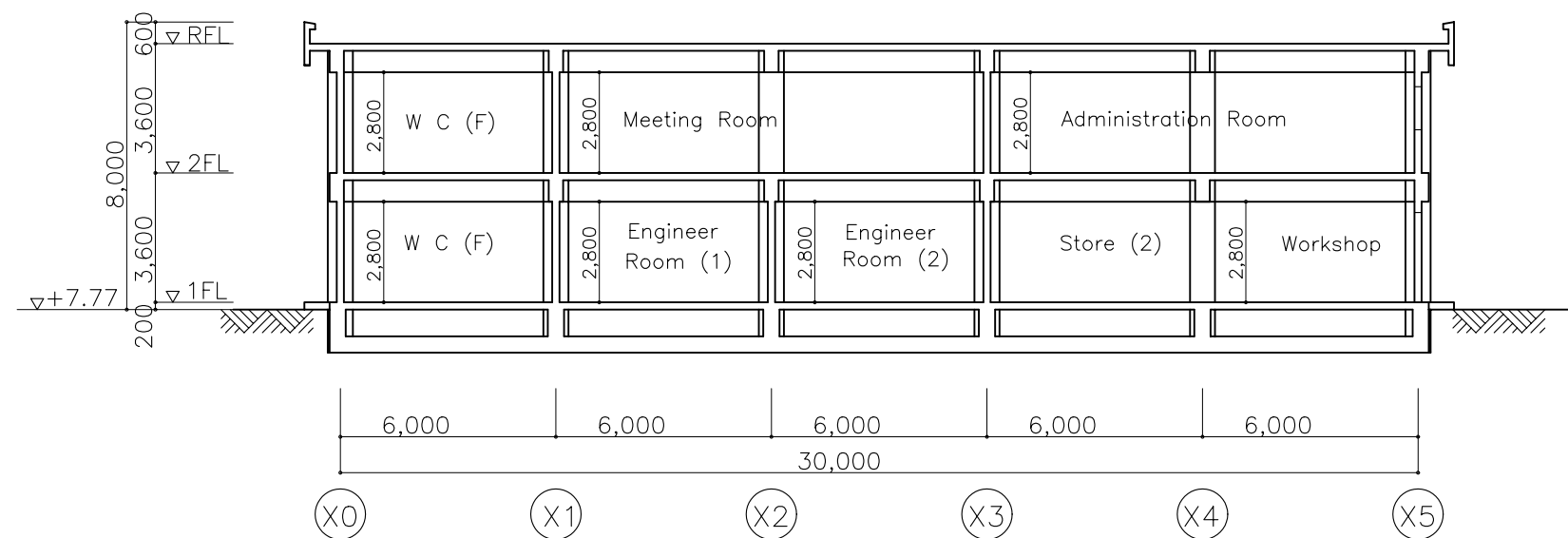
ELEVATION (1)



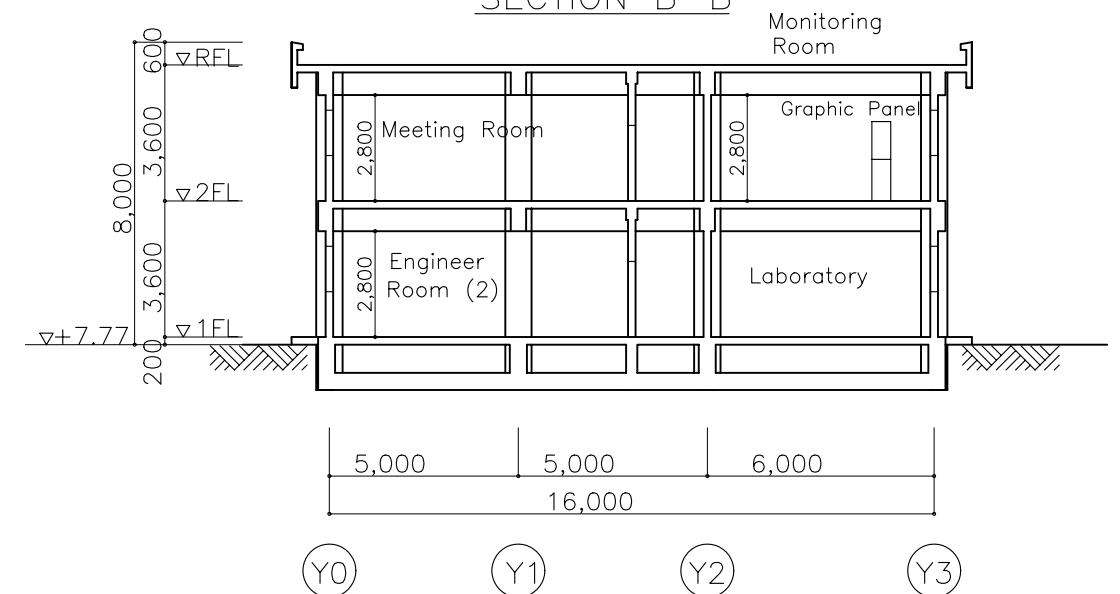
ELEVATION (2)



SECTION A-A



SECTION B-B



SWP-32 CENTRAL MONITORING AND ADMINISTRATION BUILDING (ELEVATION & SECTION)