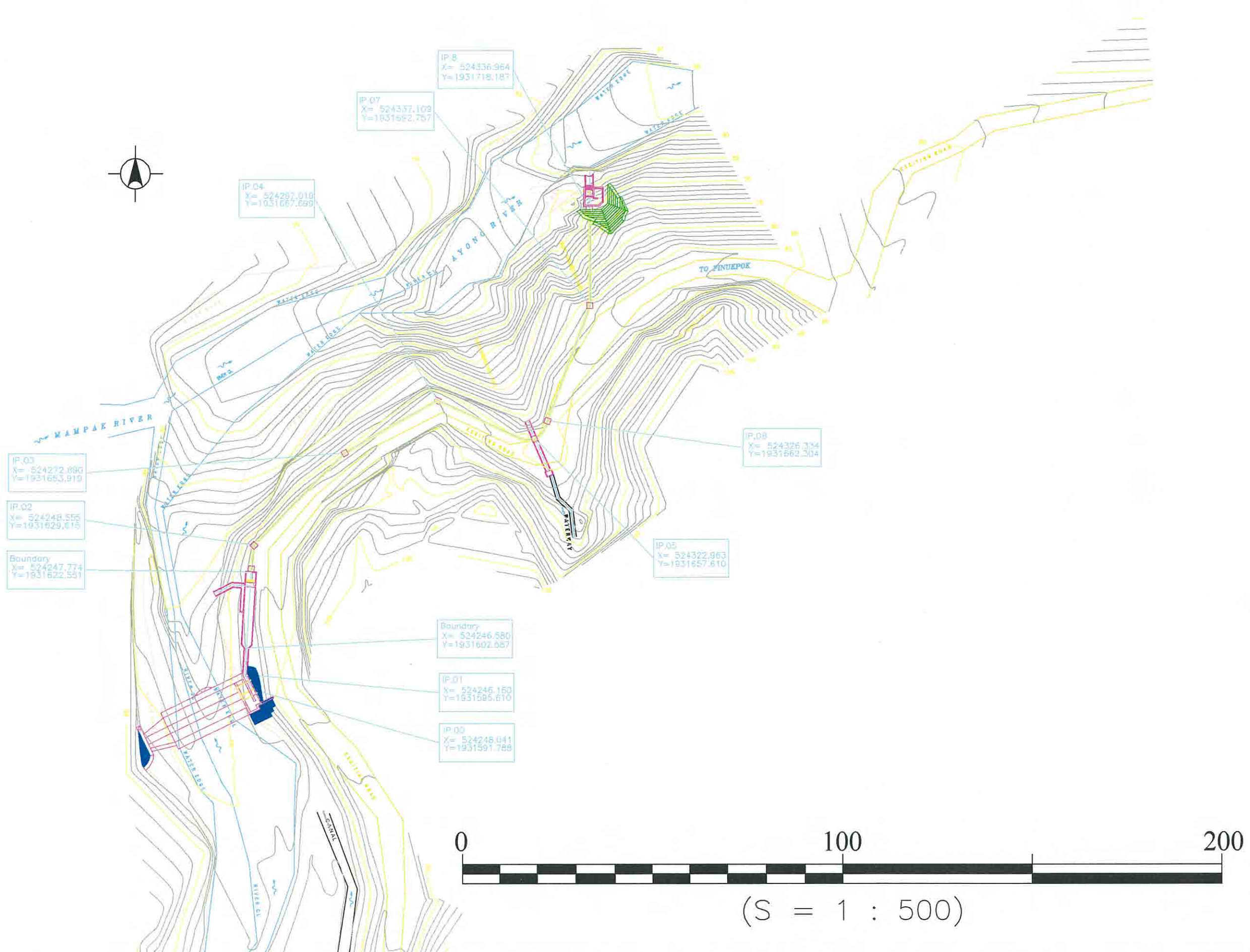
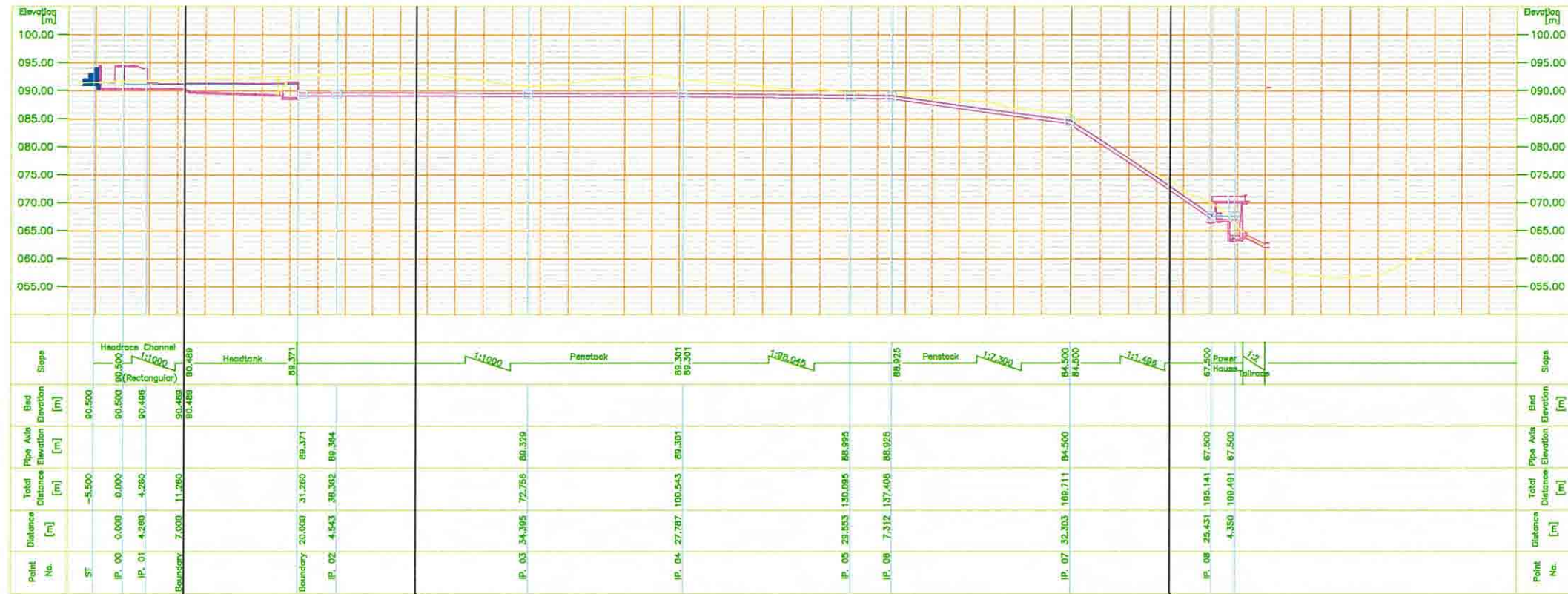
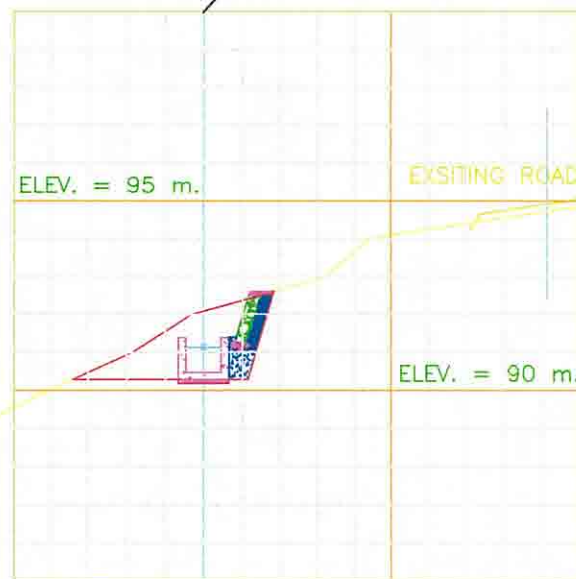


Maling-2

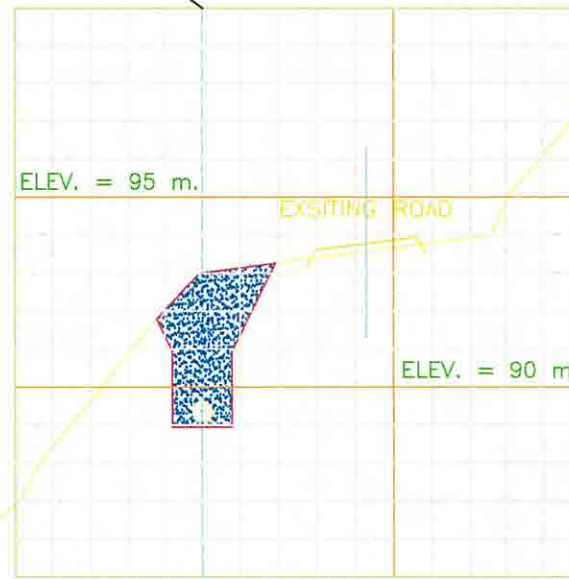




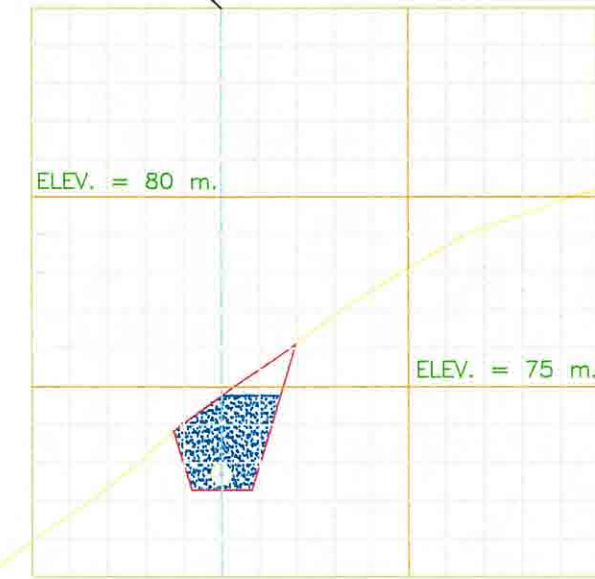
PROFILE
(S = 1 : 500)



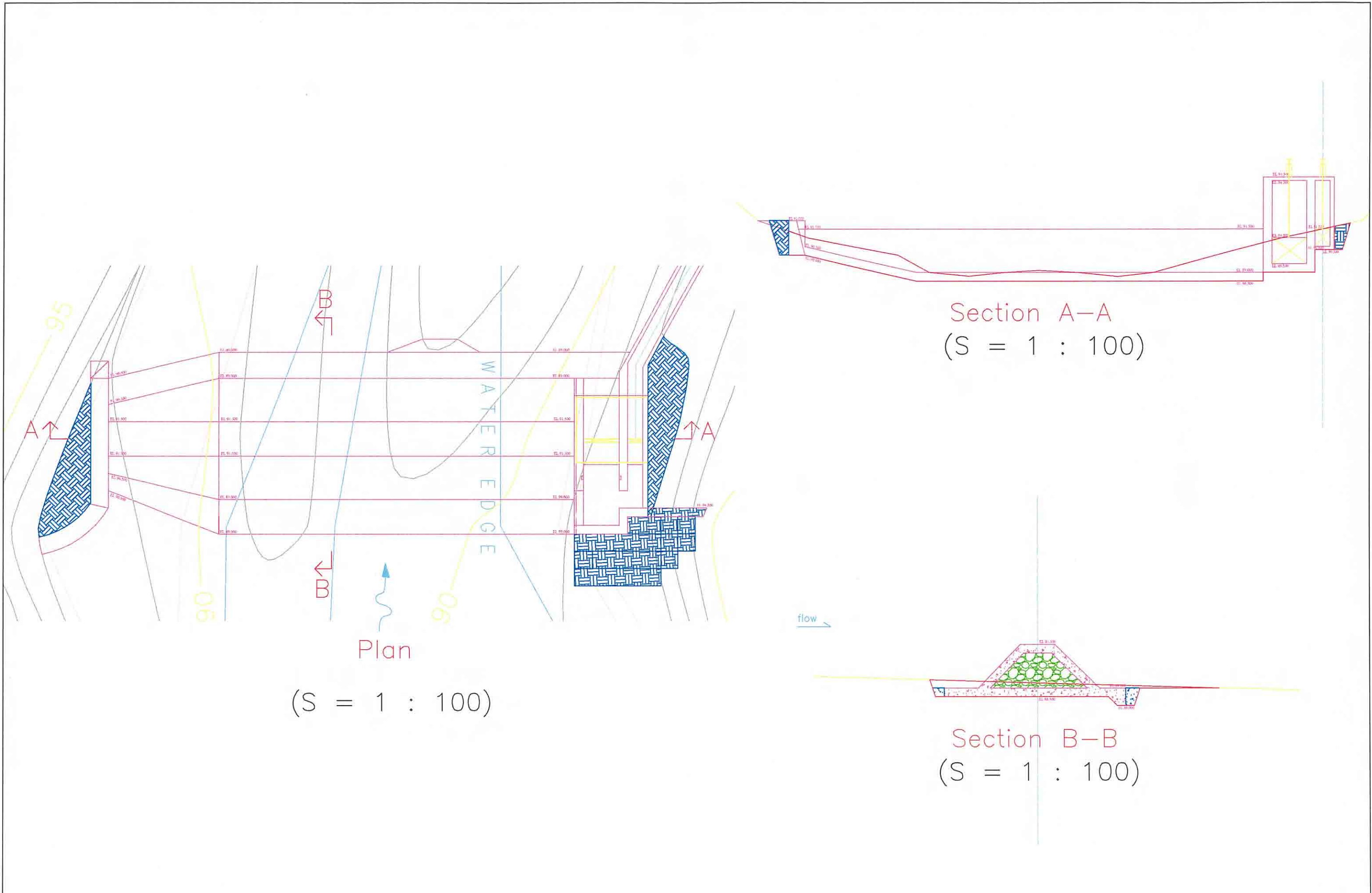
HEADRACE CHANNEL
TYPICAL SECTION 1
(S = 1 : 100)



HEADRACE CHANNEL
TYPICAL SECTION 2
(S = 1 : 100)



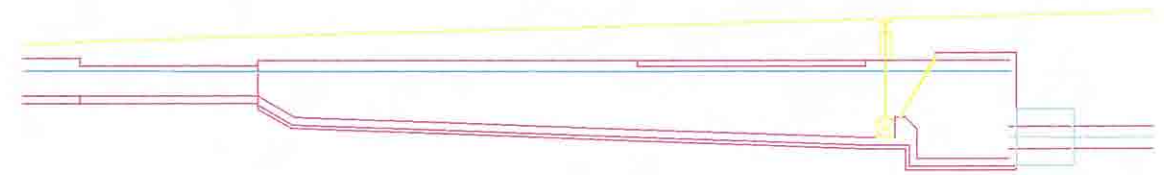
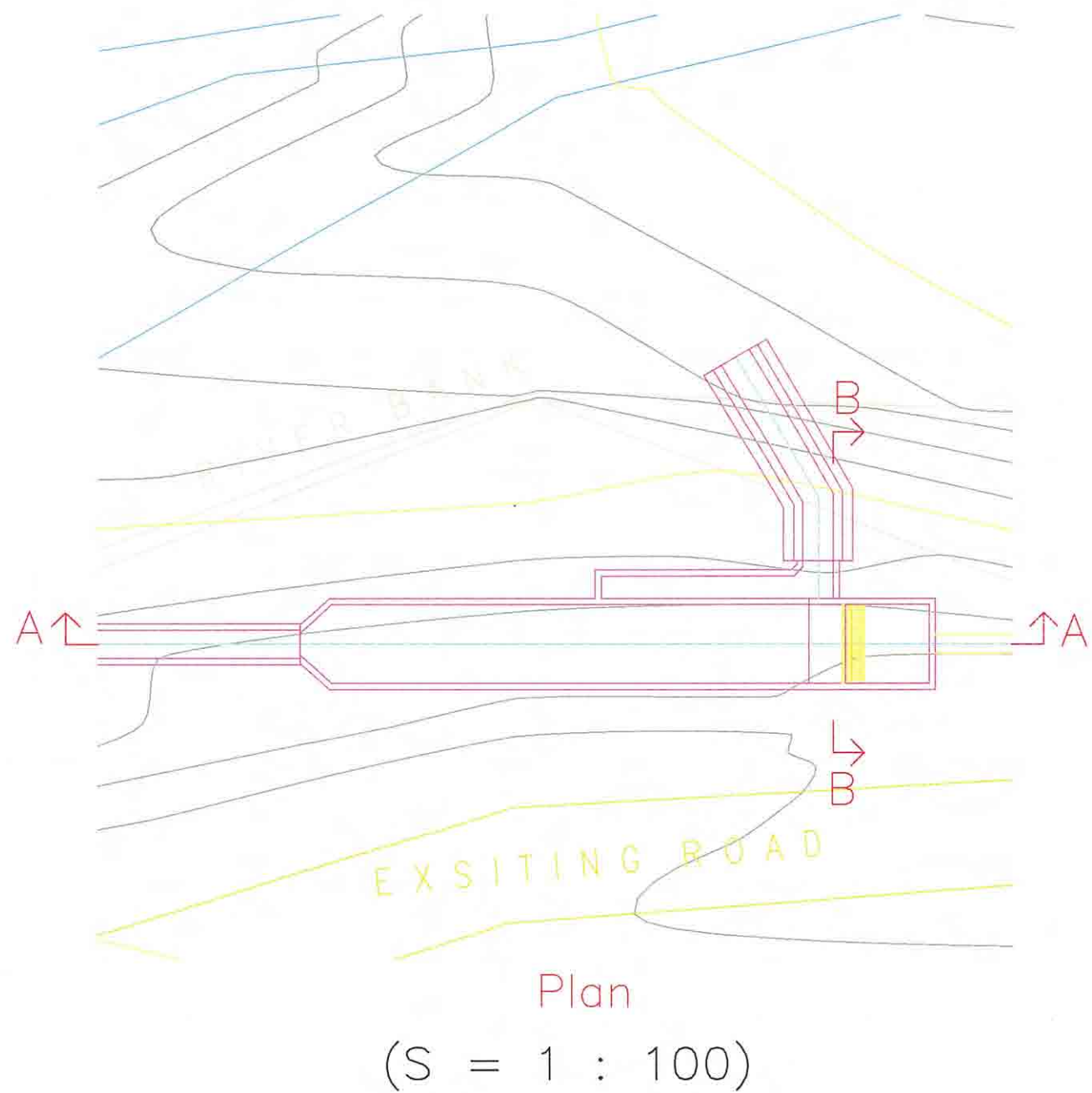
PENSTOCK
TYPICAL SECTION 1
(S = 1 : 100)



Plan
(S = 1 : 100)

Section A-A
(S = 1 : 100)

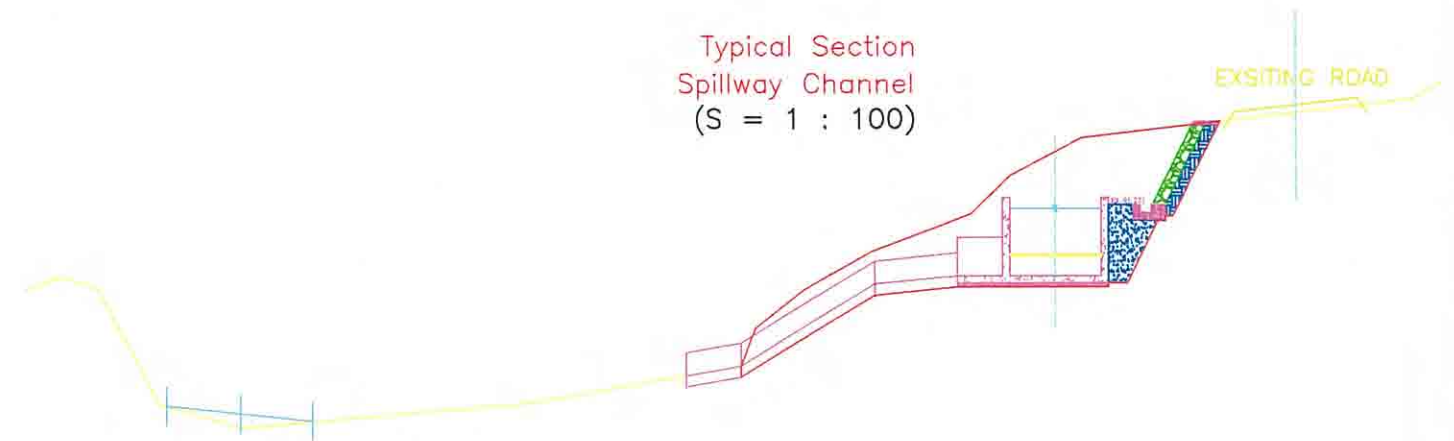
Section B-B
(S = 1 : 100)



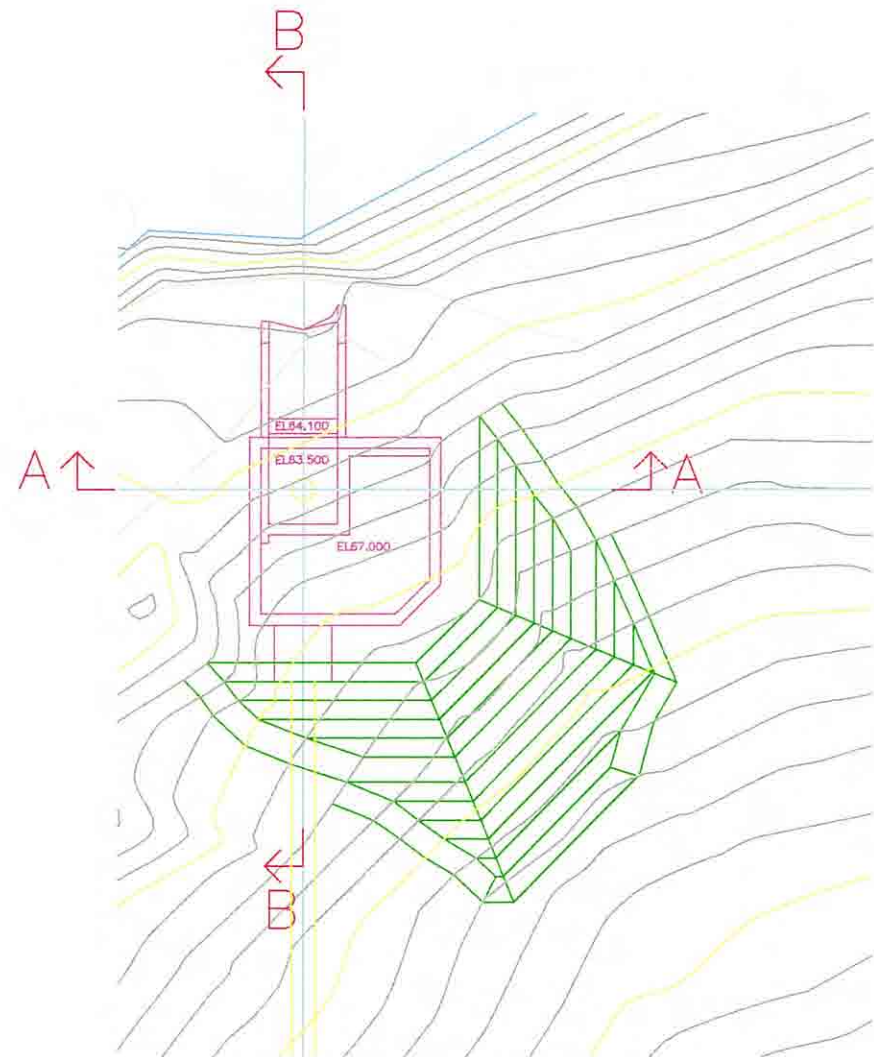
Section A-A
(S = 1 : 100)



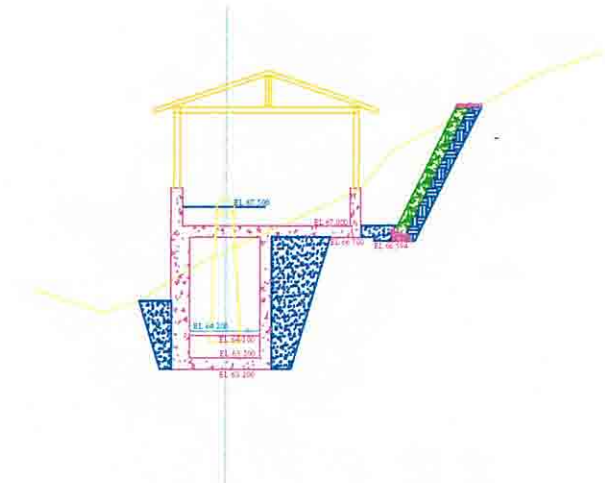
Typical Section
Spillway Channel
(S = 1 : 100)



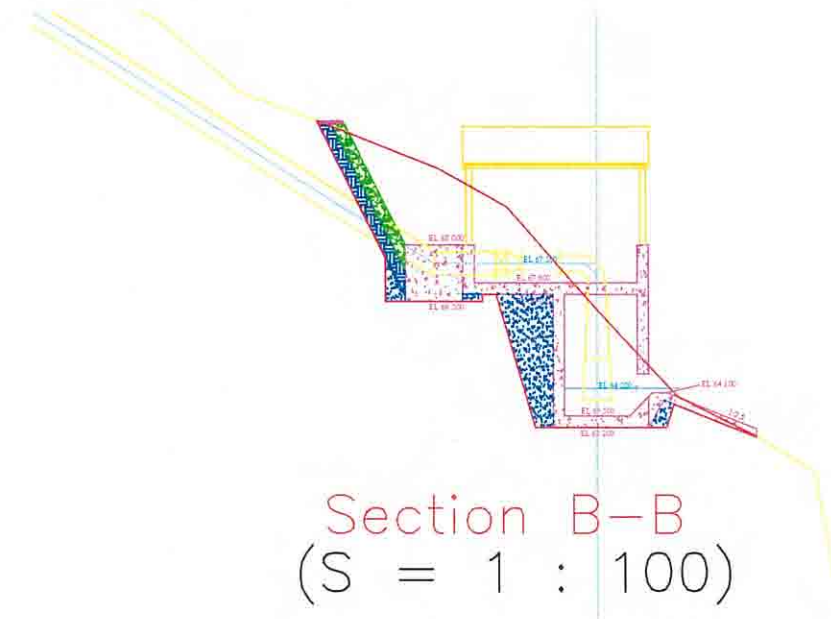
Section B-B
(S = 1 : 100)



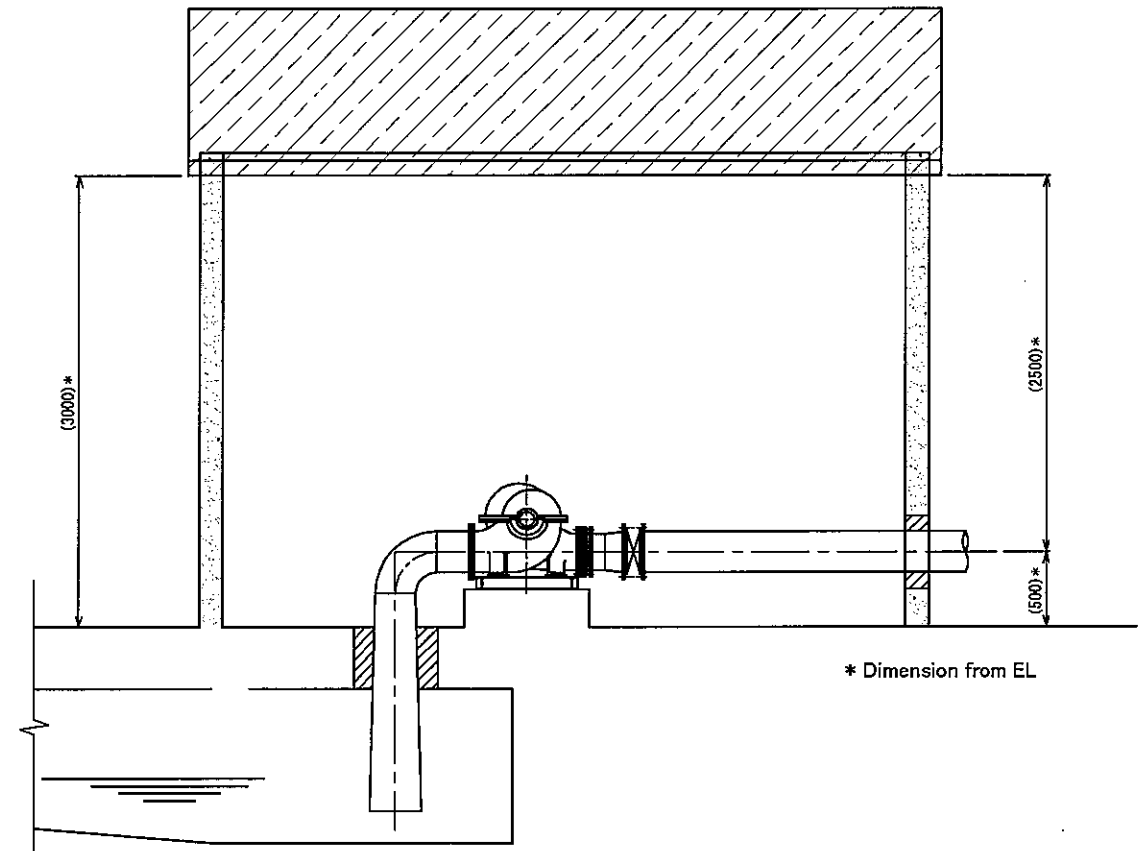
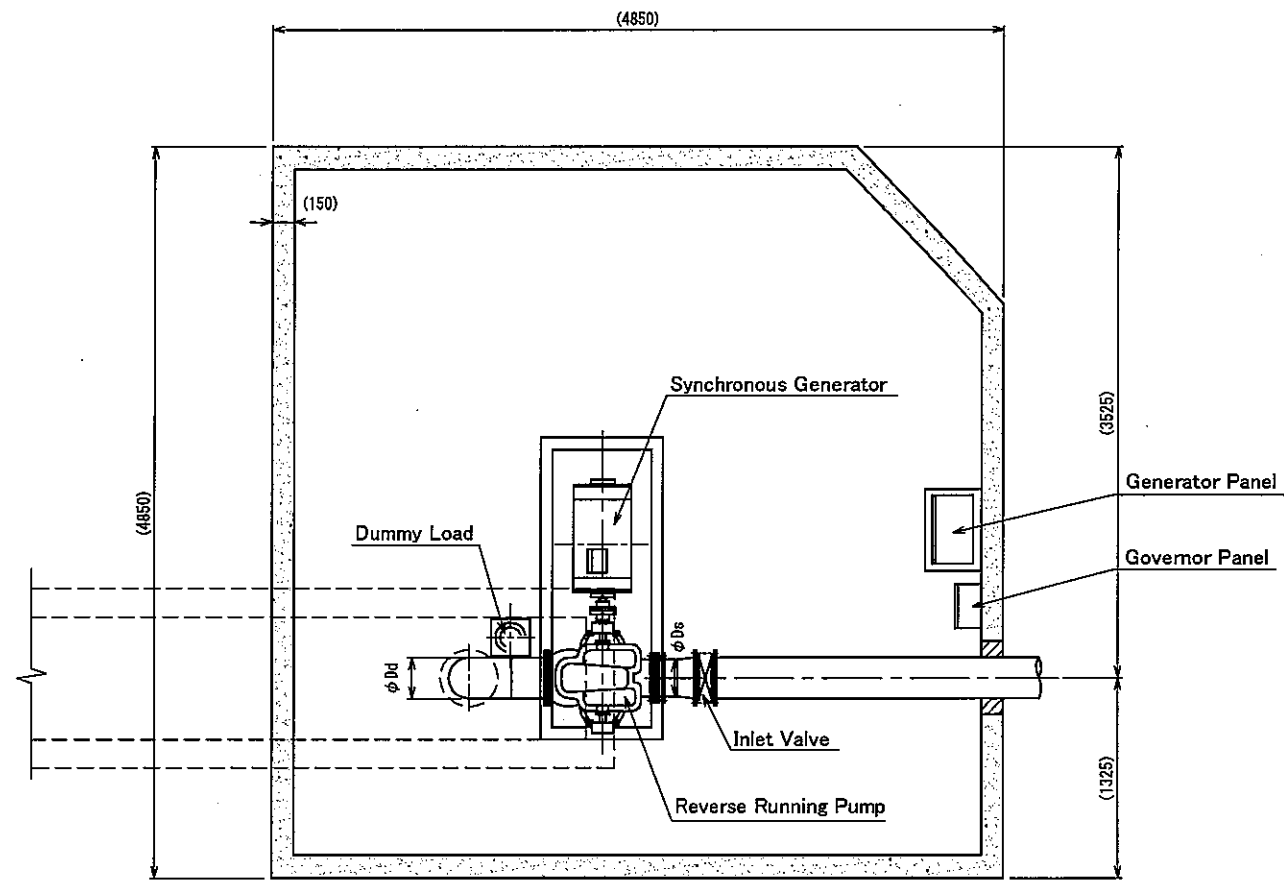
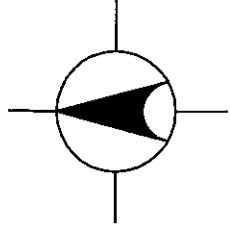
Plan
(S = 1 : 100)



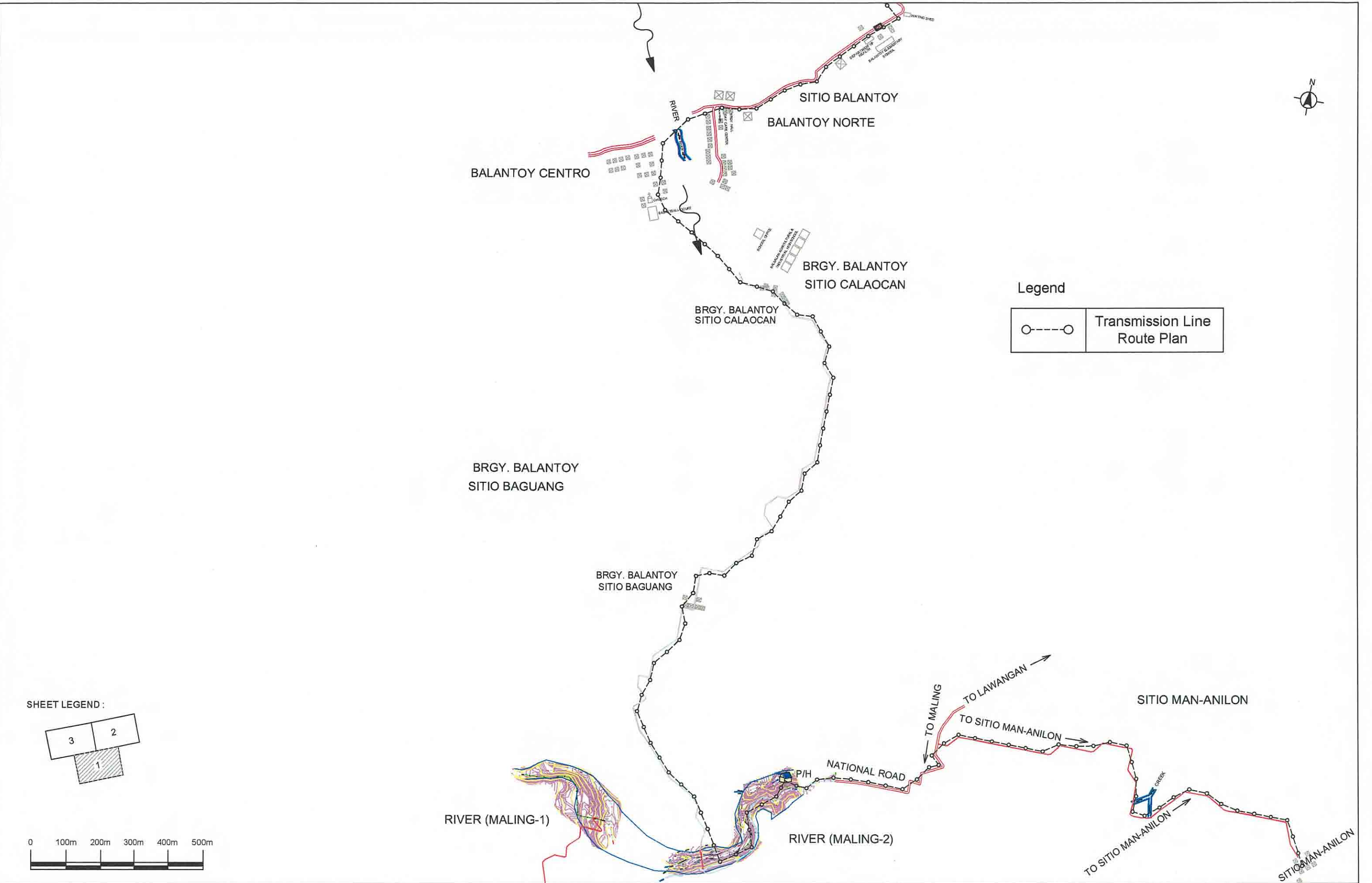
Section A-A
(S = 1 : 100)



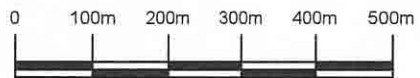
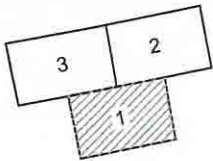
Section B-B
(S = 1 : 100)

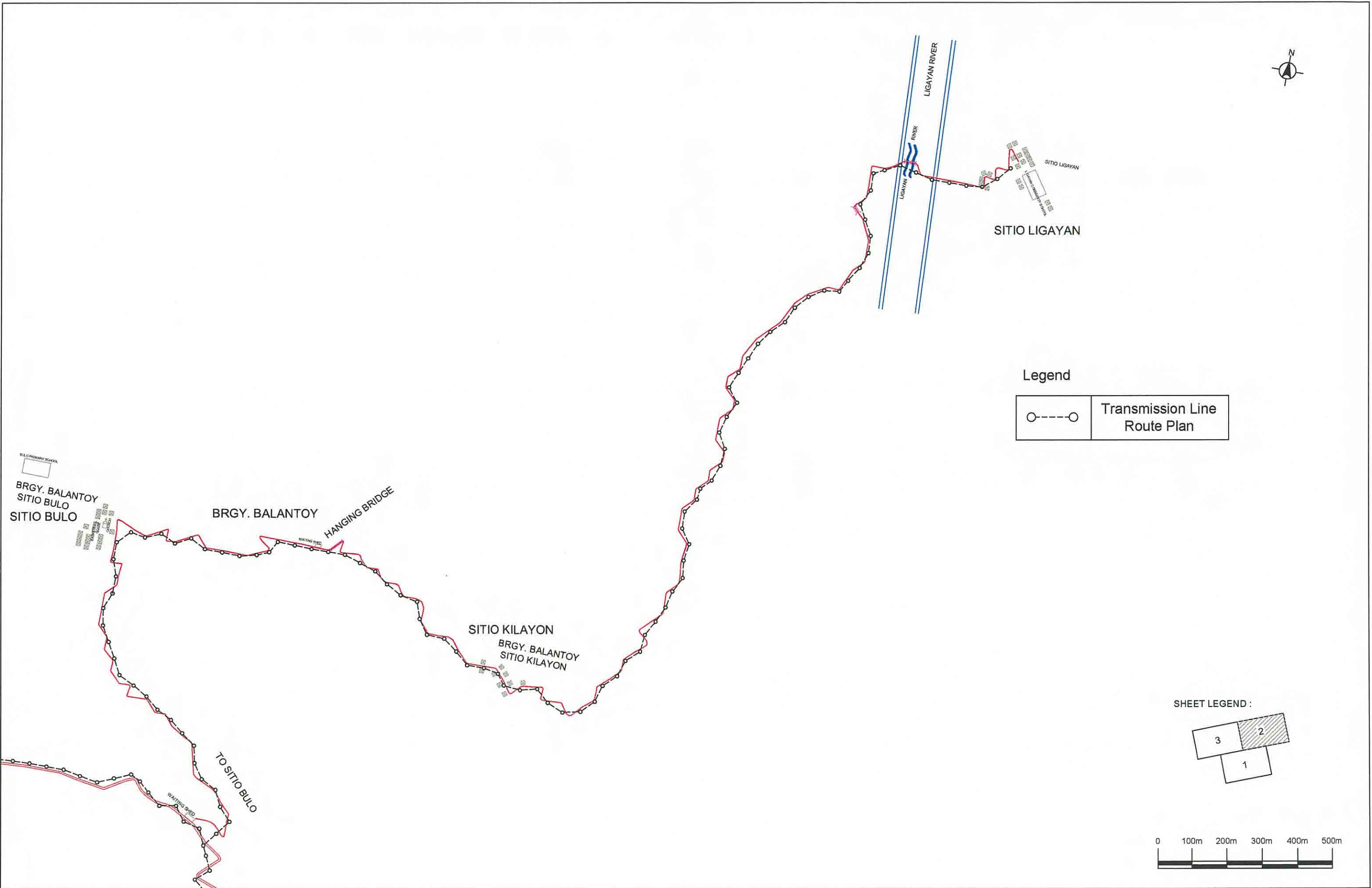


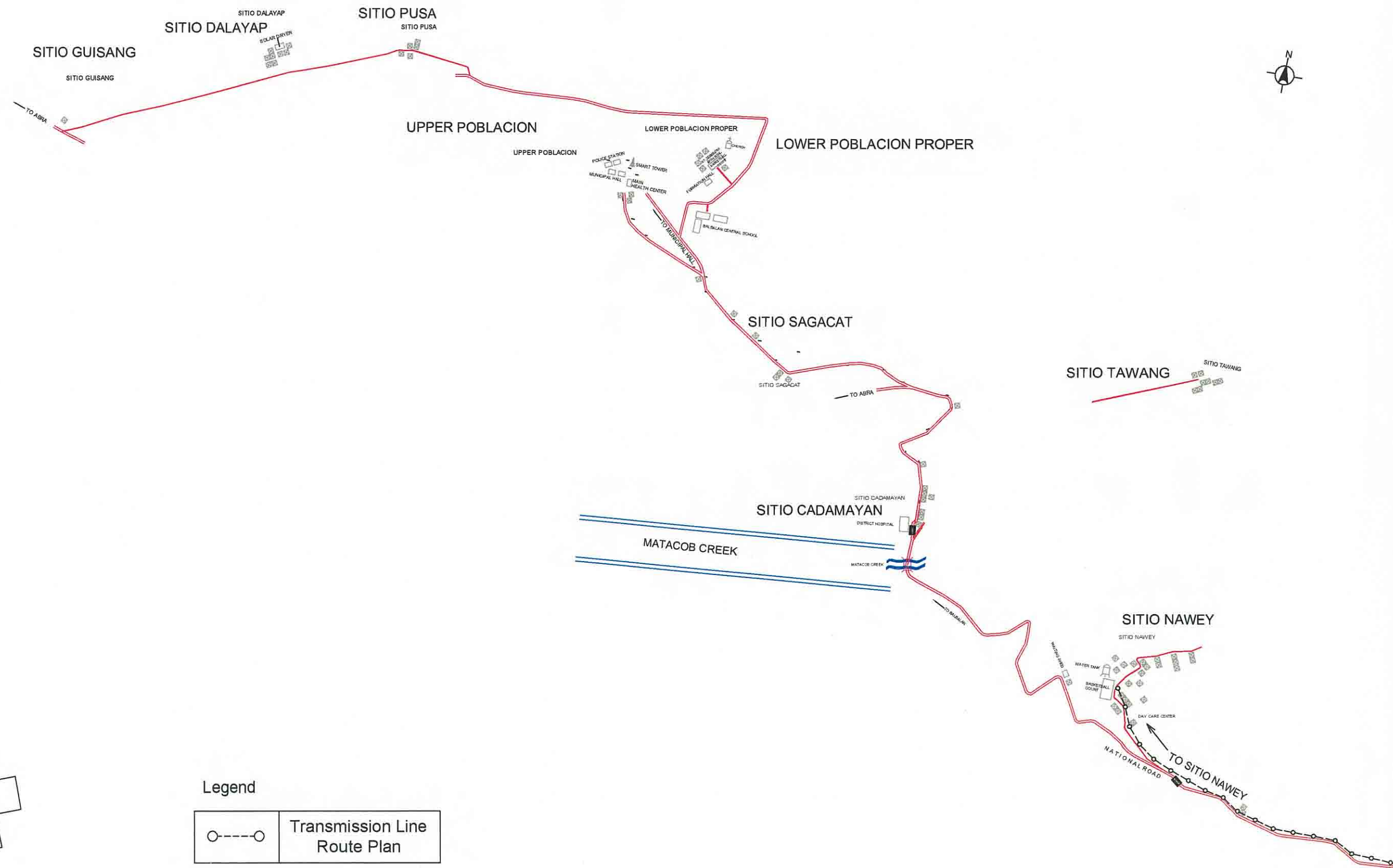
	Turbine Discharge (m ³ /s)	Effective Head (m)	Speed (min ⁻¹)	Rated Capacity (kVA)	Speed Increase Gear	Dimension	
						Ds	Dd
Maling-2	0.52	23.43	700/1200	120	✓	300	450



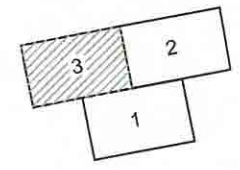
SHEET LEGEND:



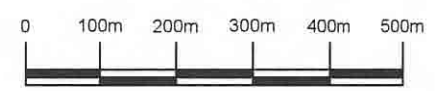


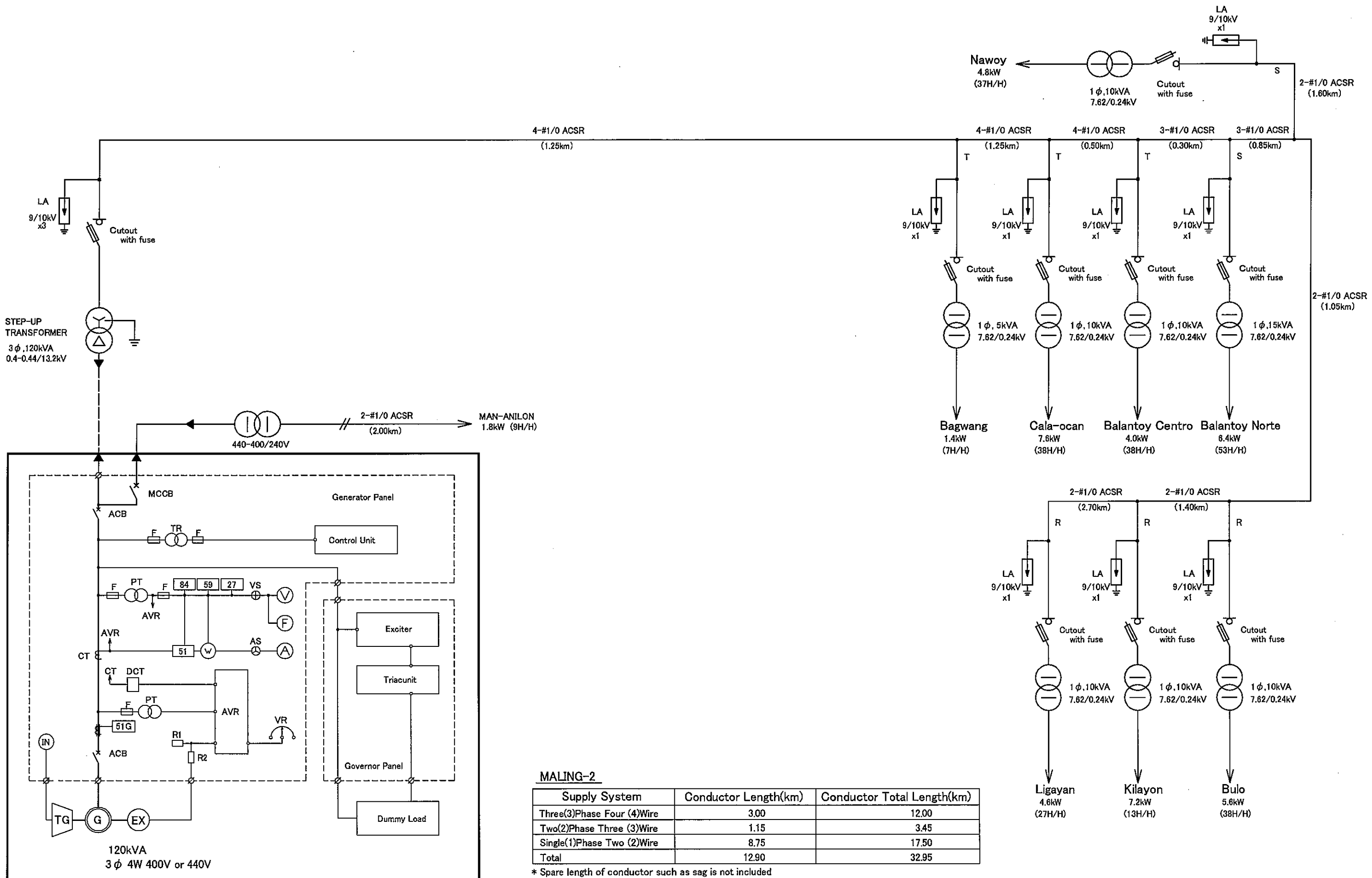


SHEET LEGEND :



Legend





MALING-2

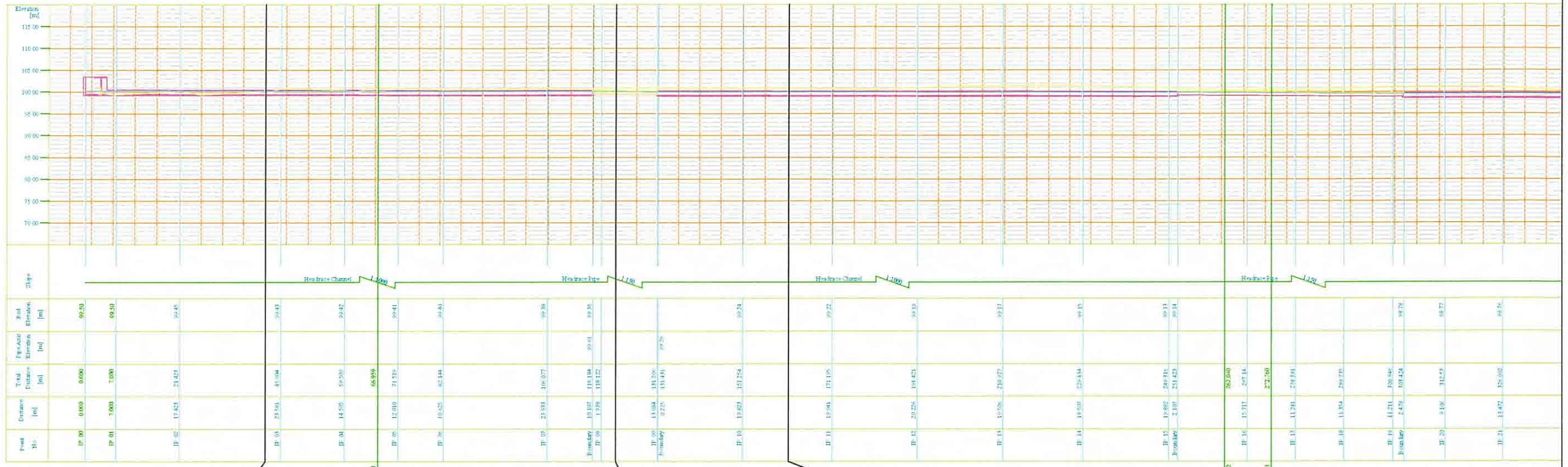
Supply System	Conductor Length(km)	Conductor Total Length(km)
Three(3)Phase Four (4)Wire	3.00	12.00
Two(2)Phase Three (3)Wire	1.15	3.45
Single(1)Phase Two (2)Wire	8.75	17.50
Total	12.90	32.95

* Spare length of conductor such as sag is not included

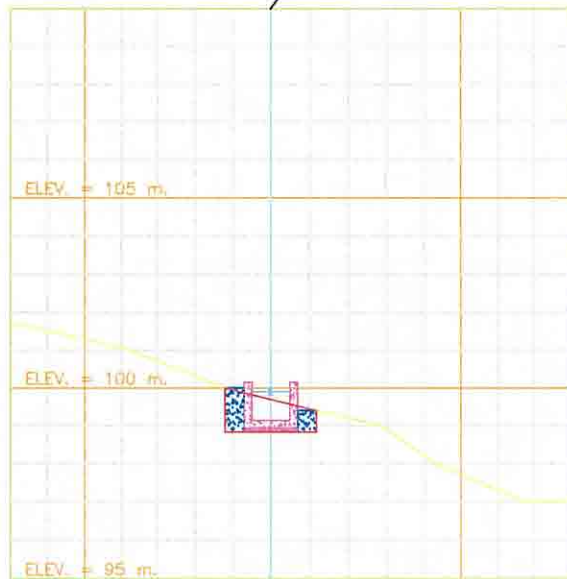
POWER HOUSE FOR MALING-2

Maluksad





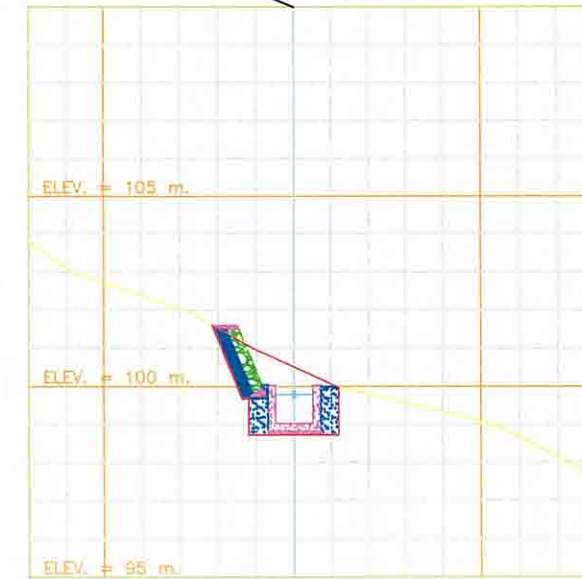
PROFILE
(S = 1 : 500)



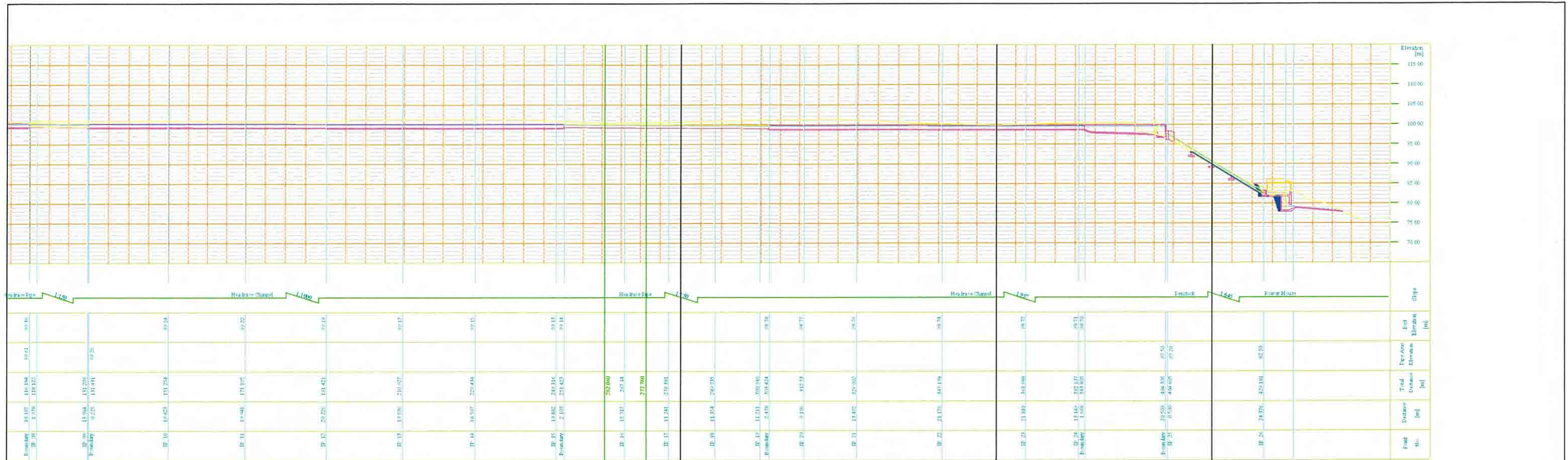
HEADRACE CHANNEL
TYPICAL SECTION 1
(S = 1 : 100)



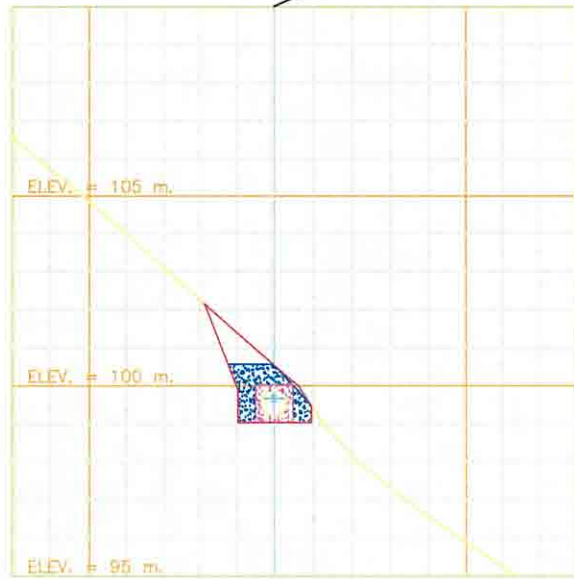
HEADRACE PIPE
TYPICAL SECTION 2
(S = 1 : 100)



HEADRACE CHANNEL
TYPICAL SECTION 3
(S = 1 : 100)



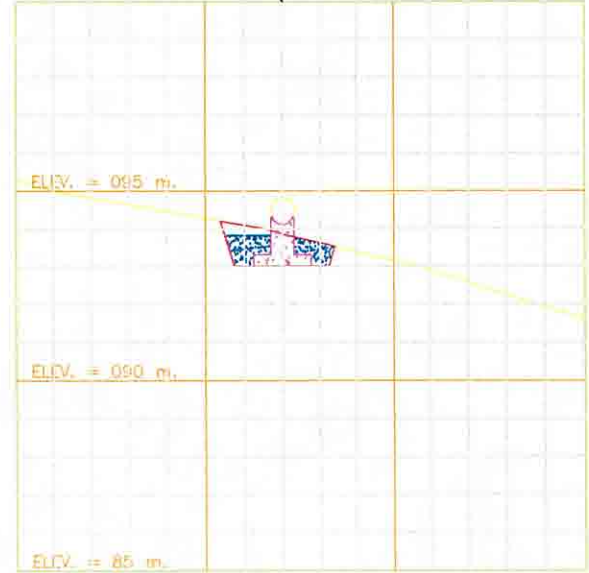
PROFILE
(S = 1 : 500)



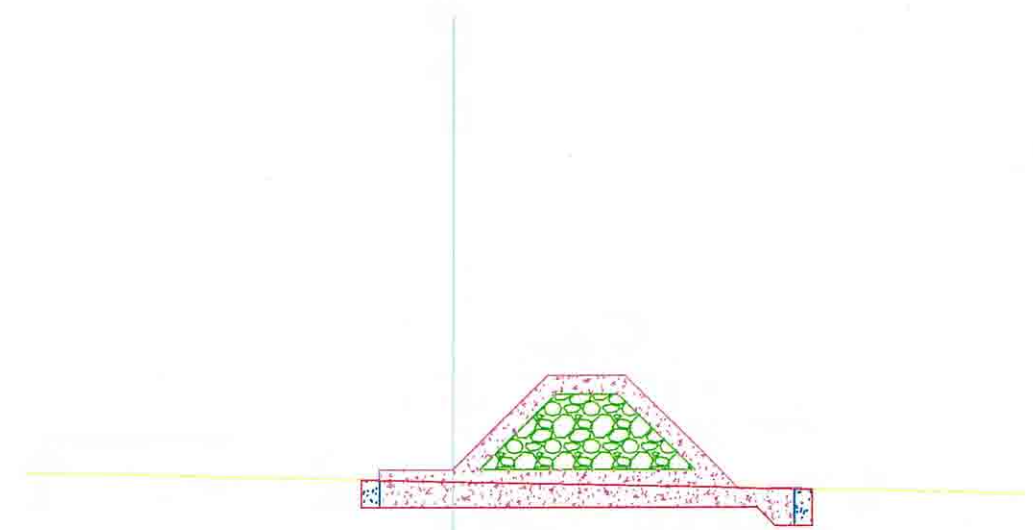
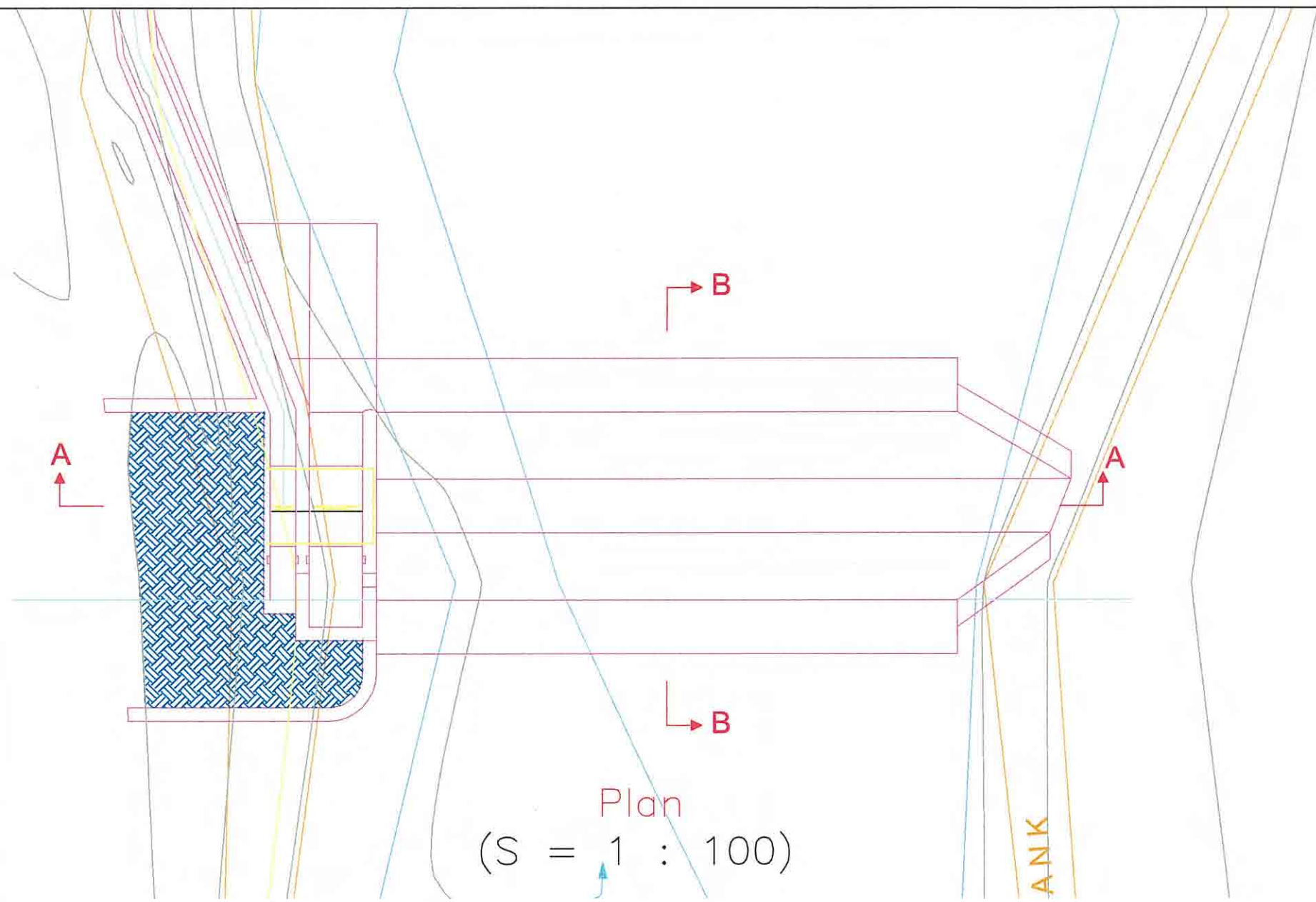
HEADRACE PIPE
TYPICAL SECTION 4
(S = 1 : 100)



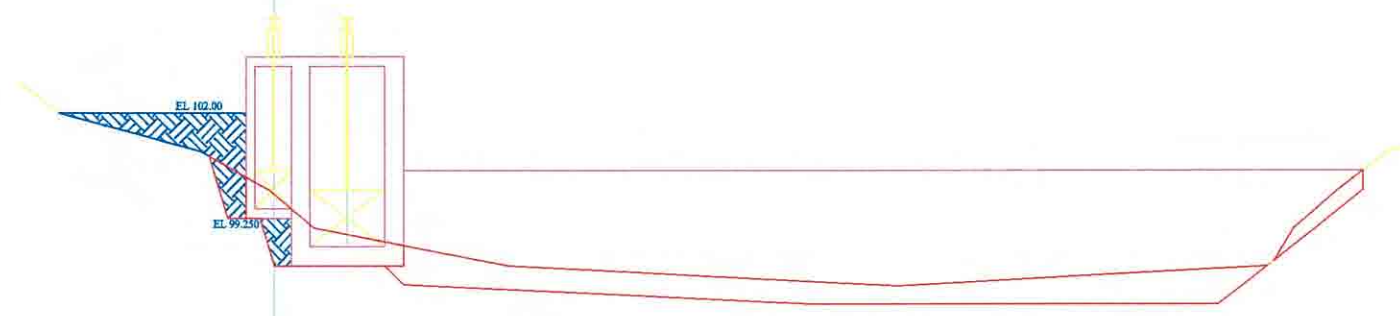
HEADRACE CHANNEL
TYPICAL SECTION 5
(S = 1 : 100)



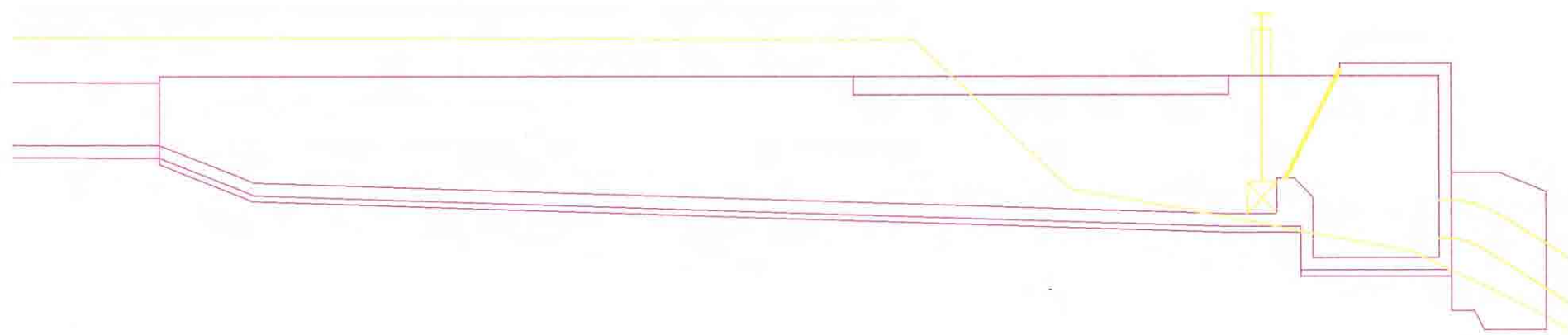
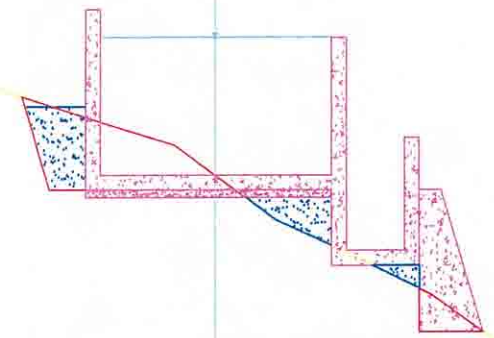
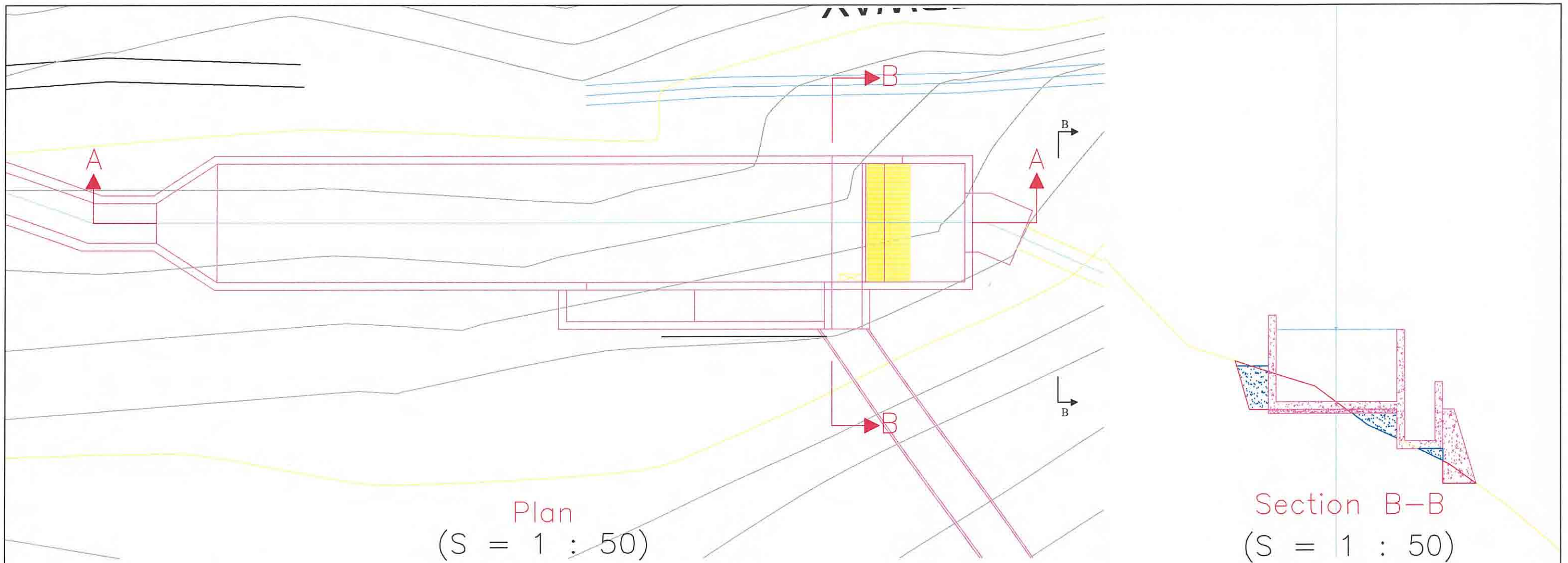
PENSTOCK PIPE
TYPICAL SECTION 6
(S = 1 : 100)

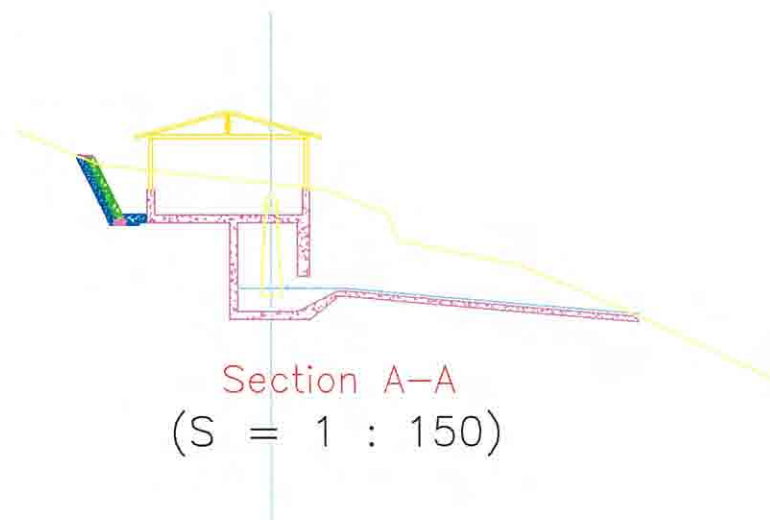
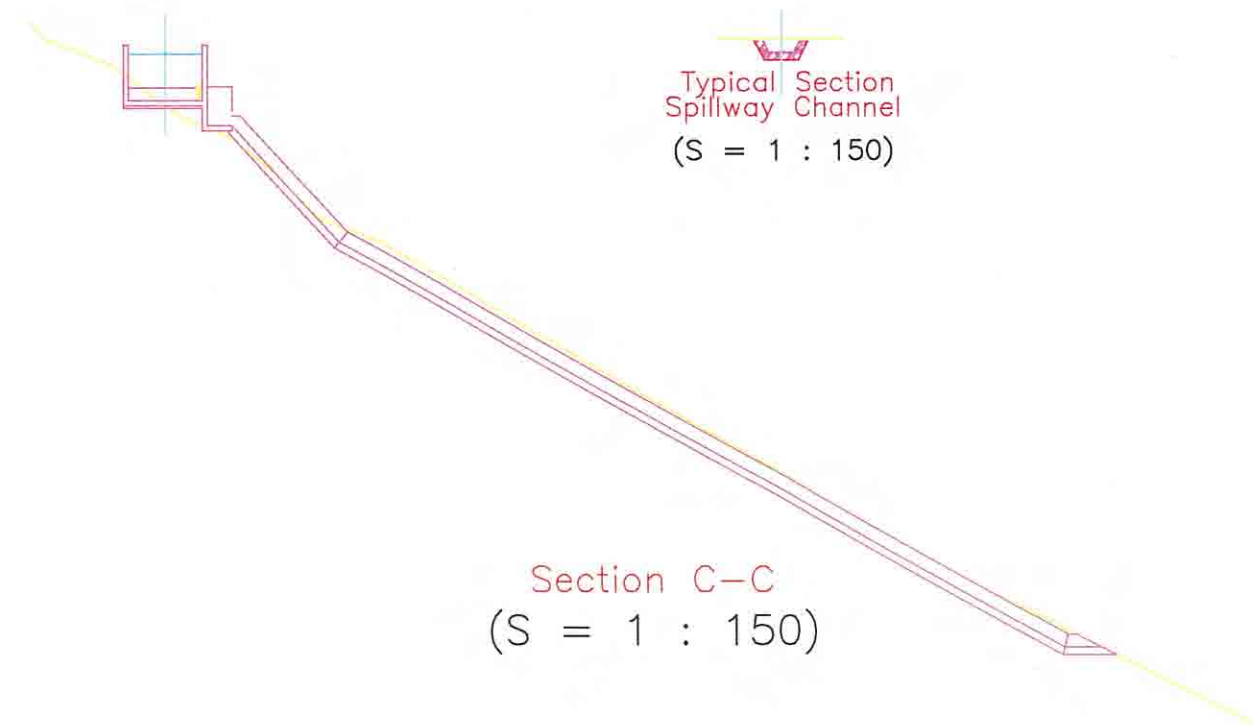
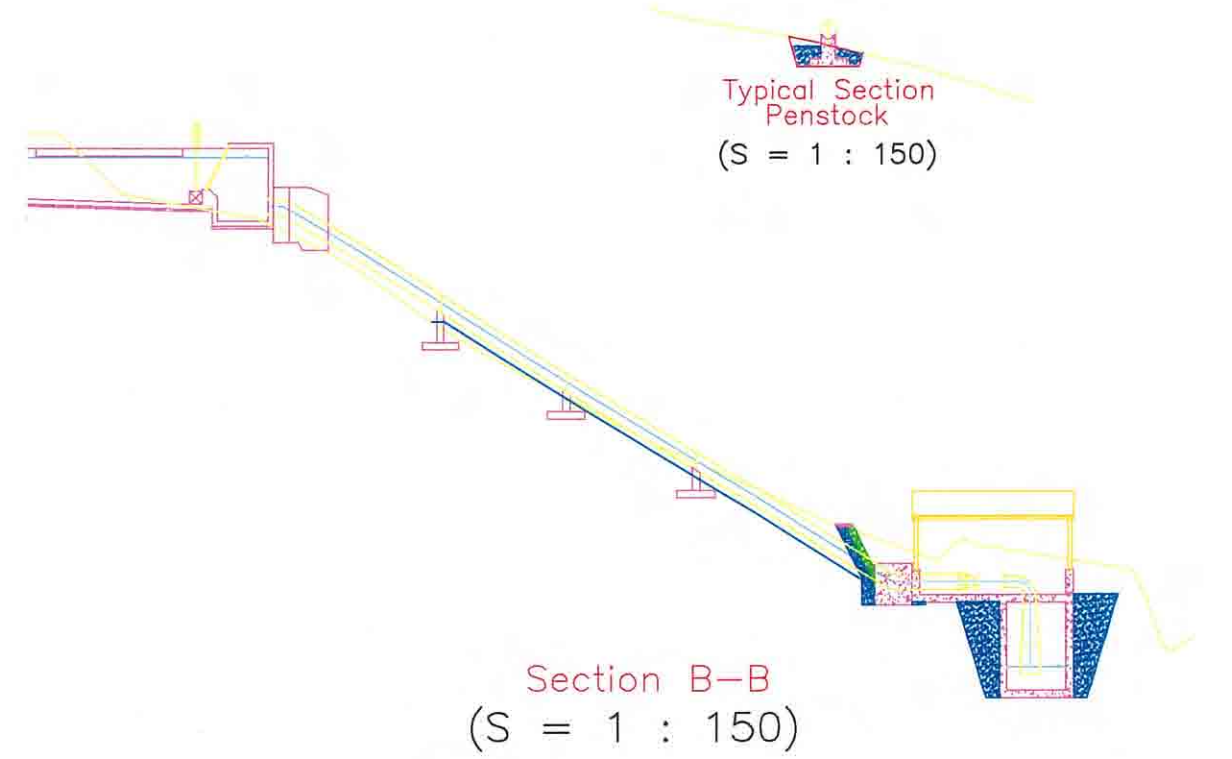
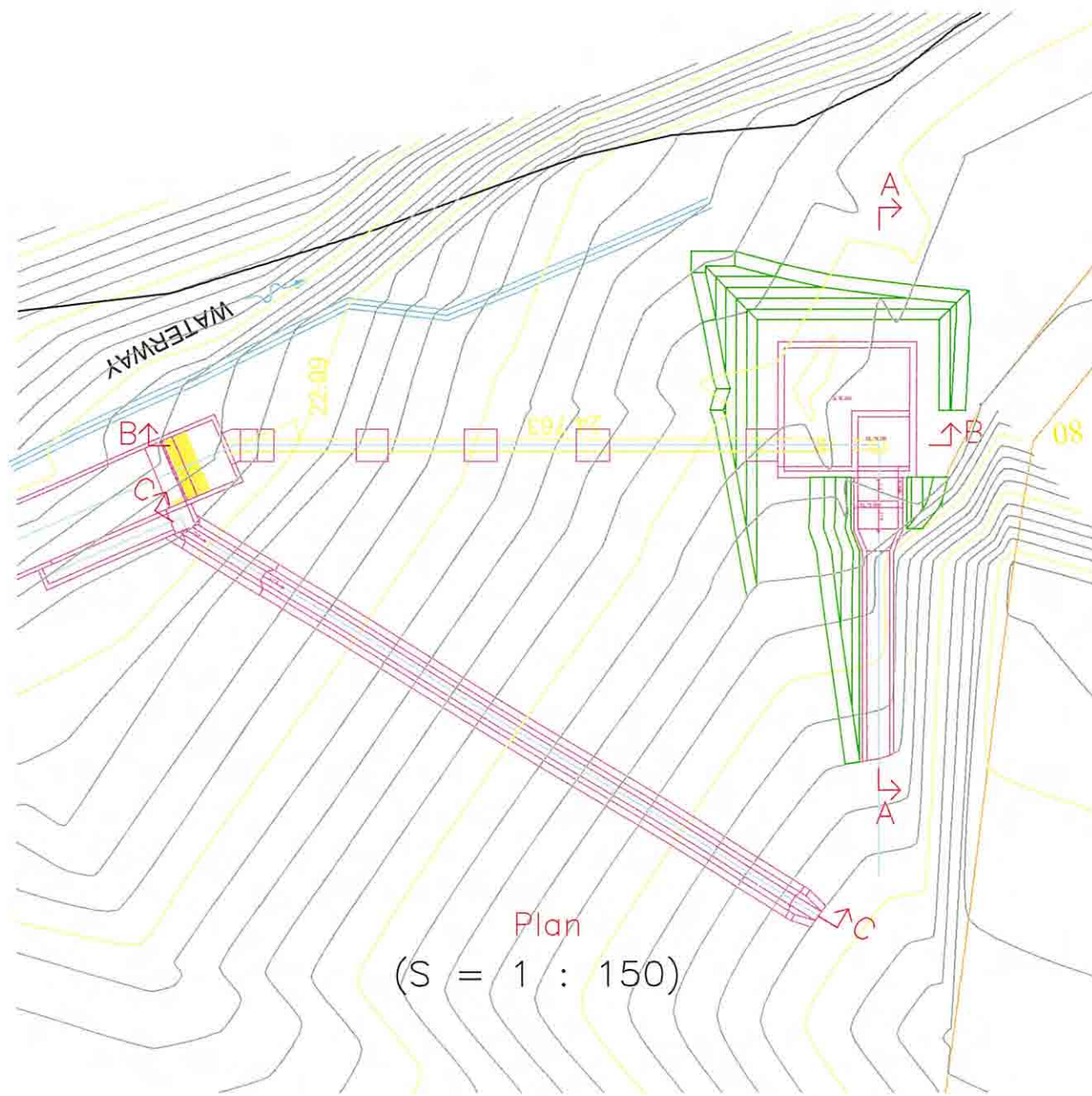


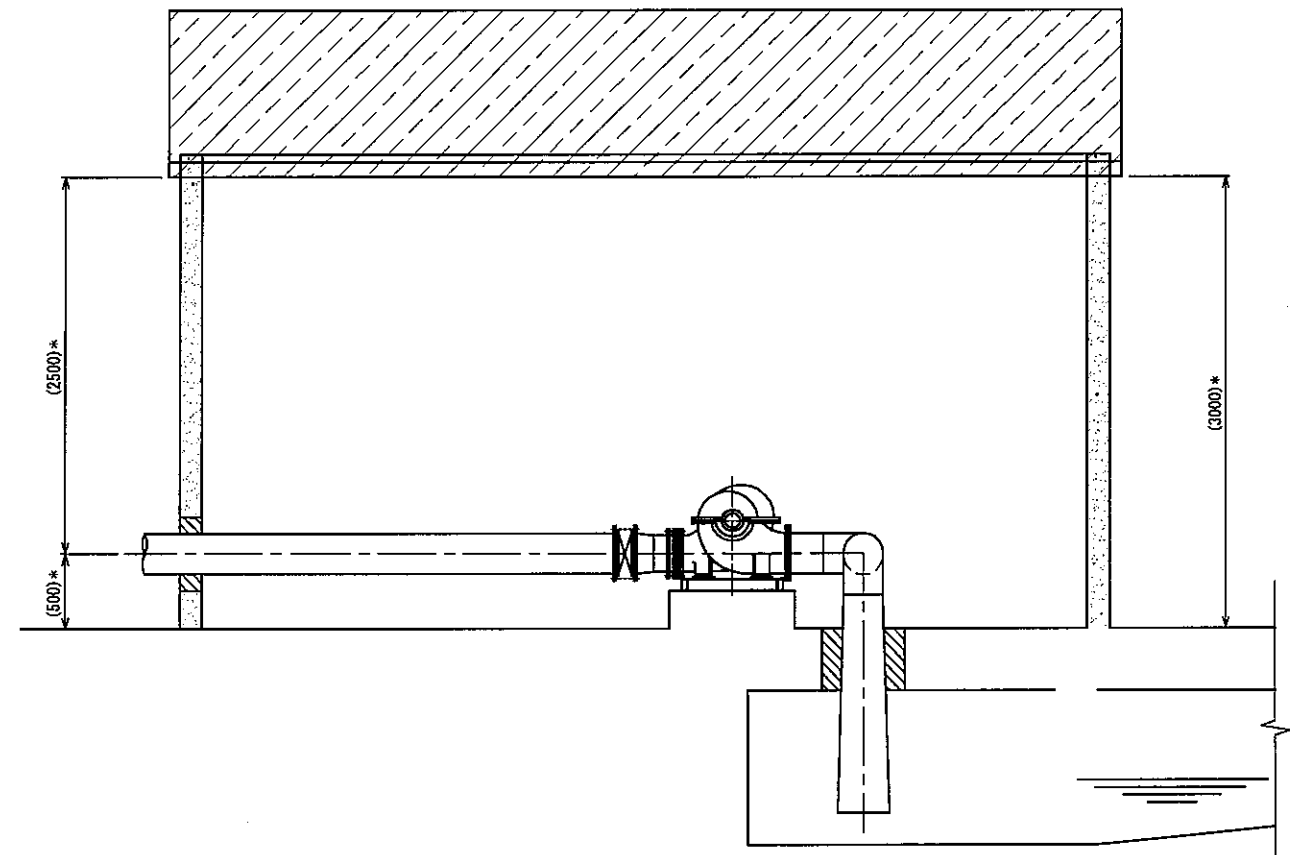
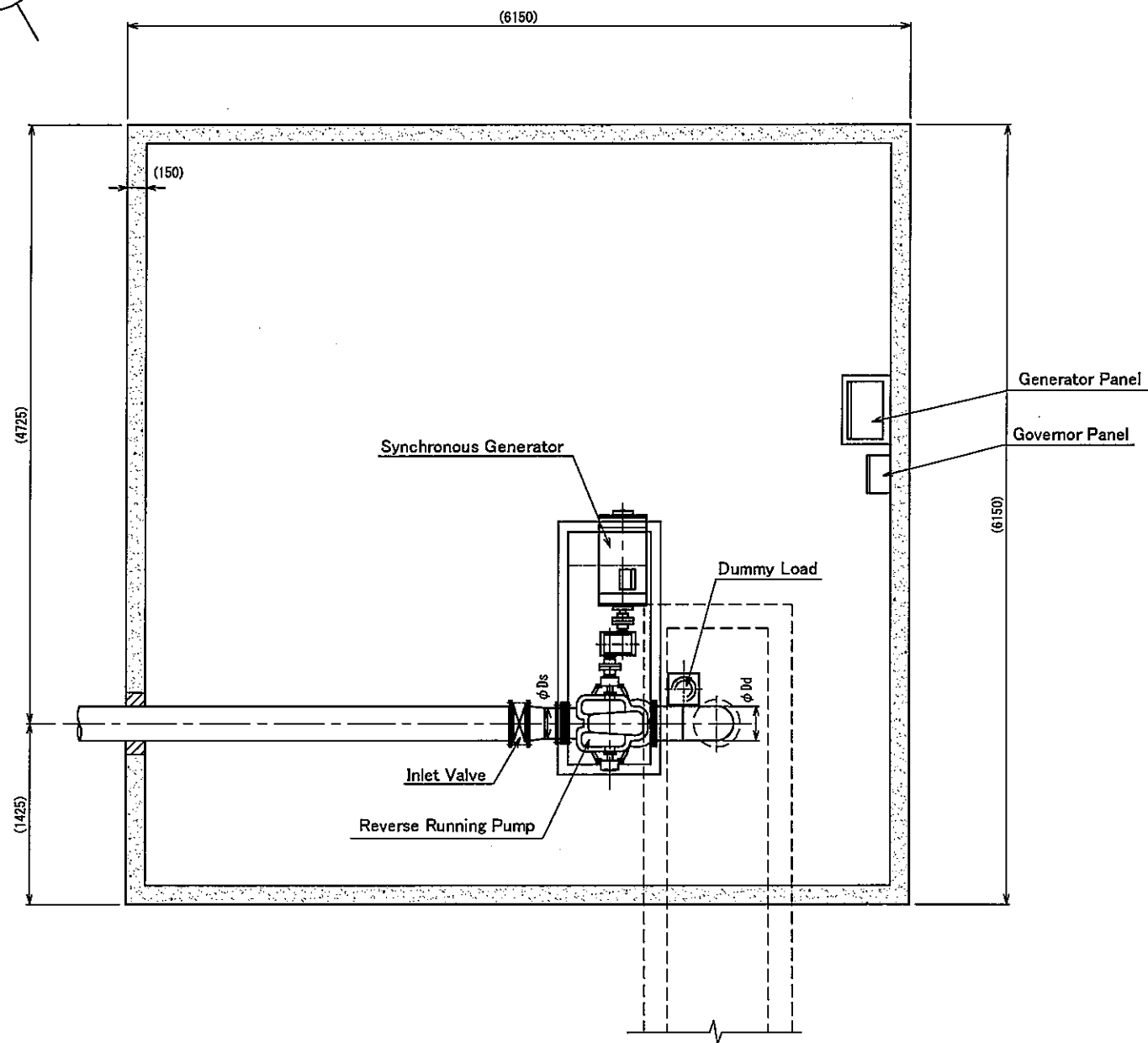
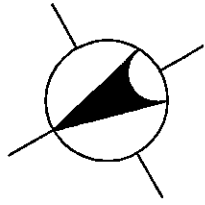
Section B-B
(S = 1 : 100)



Section A-A
(S = 1 : 100)







	Turbine Discharge (m ³ /s)	Effective Head (m)	Speed (min ⁻¹)	Rated Capacity (kVA)	Speed Increase Gear	Dimension	
						Ds	Dd
Maluksad	0.680	19.31	800/1200	130	✓	450	500



BARANGAY GALDANG

BRGY. GALDANG SITIO GAWAAN

BARANGAY GUINA-ANG

BRGY. PUGONG

BARANGAY MALUKSAD

EXISTING BARANGAY ROAD

P/H

WOODEN CHAPEL

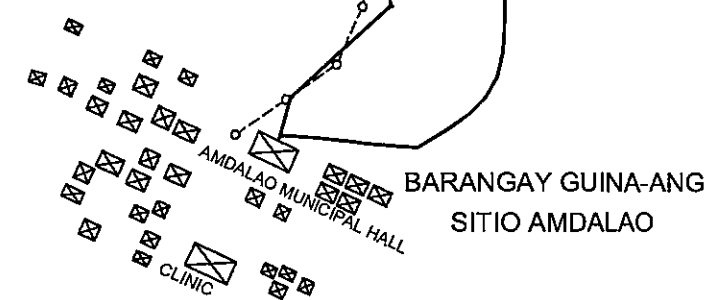
TO SITIO AMDALAO

TO GUINA-ANG

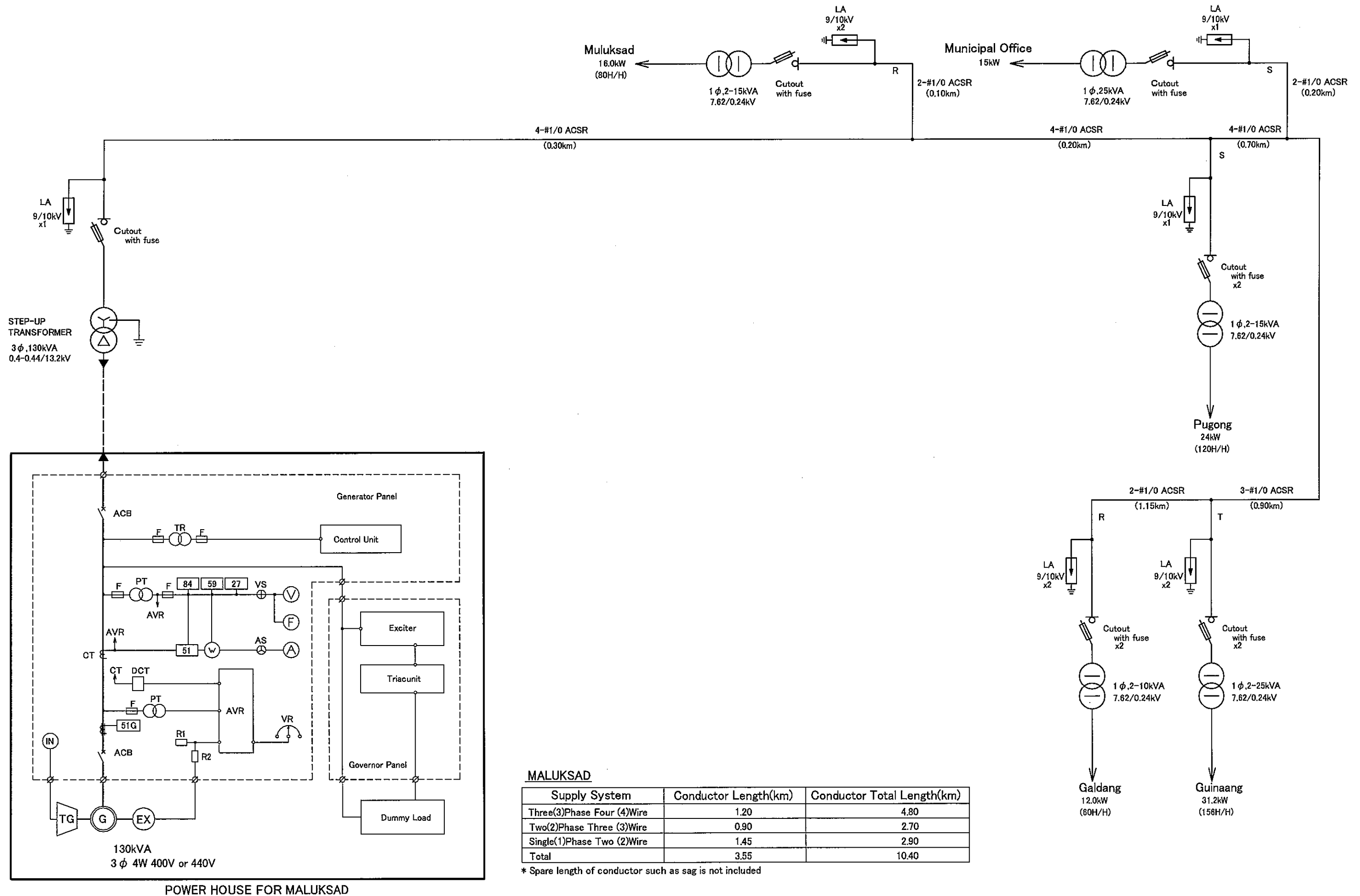
TO PUGONG

Legend

	Transmission Line Route Plan
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BARANGAY GUINA-ANG SITIO AMDALAO



MALUKSAD

Supply System	Conductor Length(km)	Conductor Total Length(km)
Three(3)Phase Four (4)Wire	1.20	4.80
Two(2)Phase Three (3)Wire	0.90	2.70
Single(1)Phase Two (2)Wire	1.45	2.90
Total	3.55	10.40

* Spare length of conductor such as sag is not included