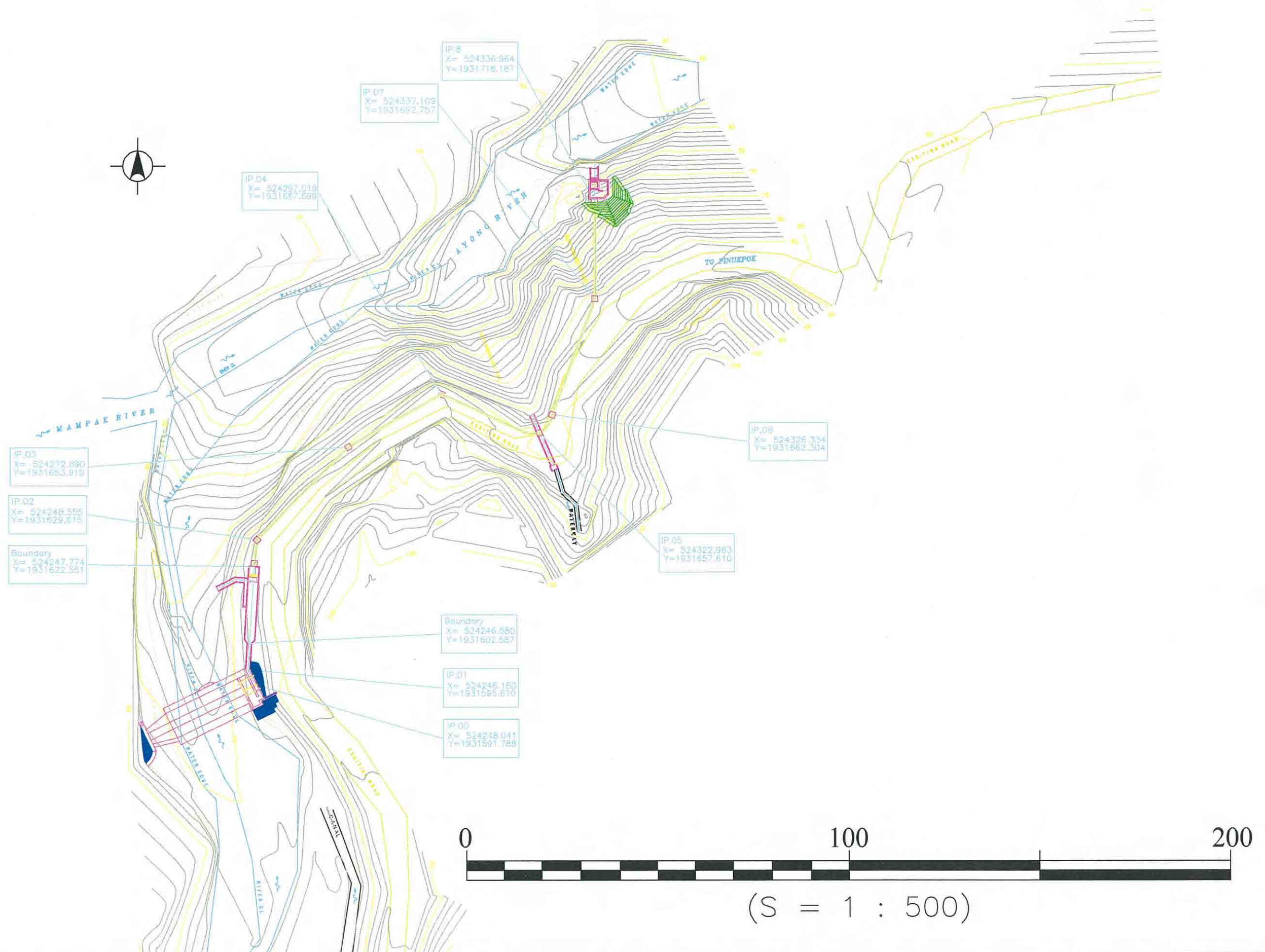
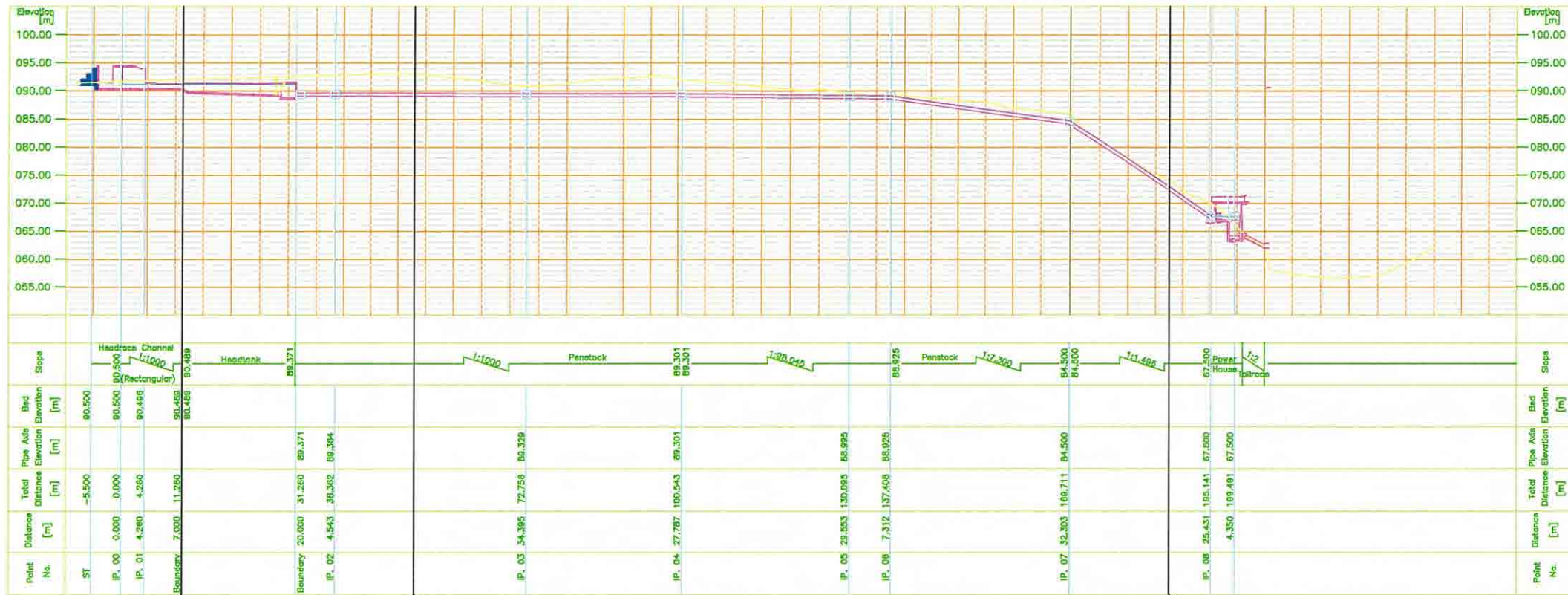
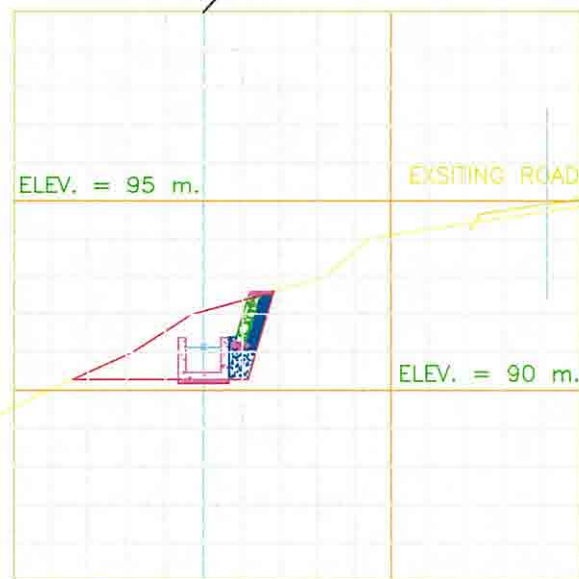


Maling-2

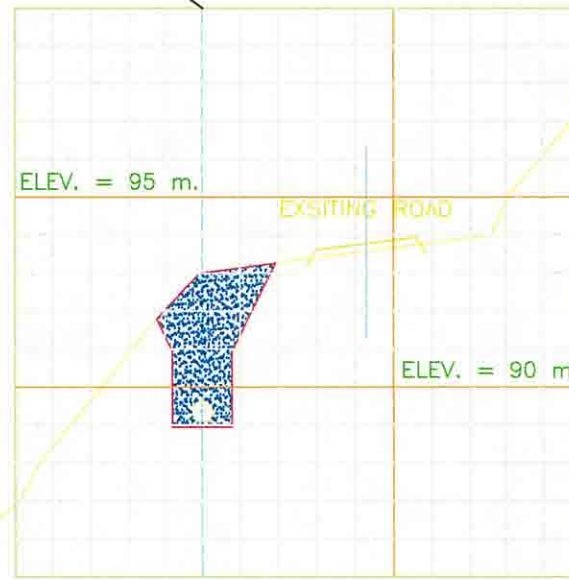




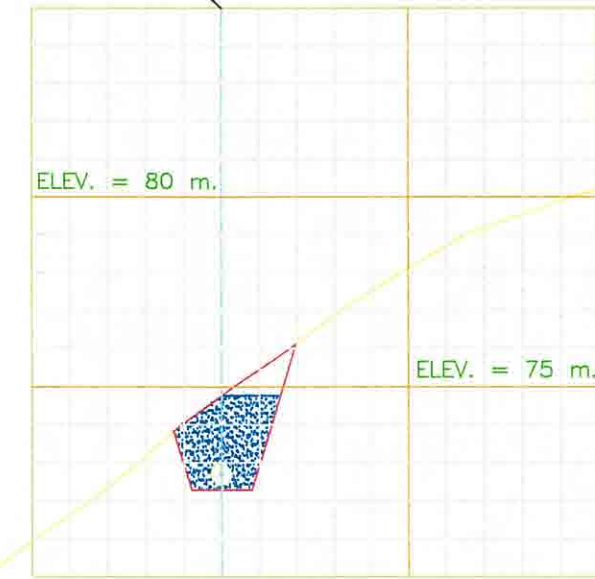
PROFILE
(S = 1 : 500)



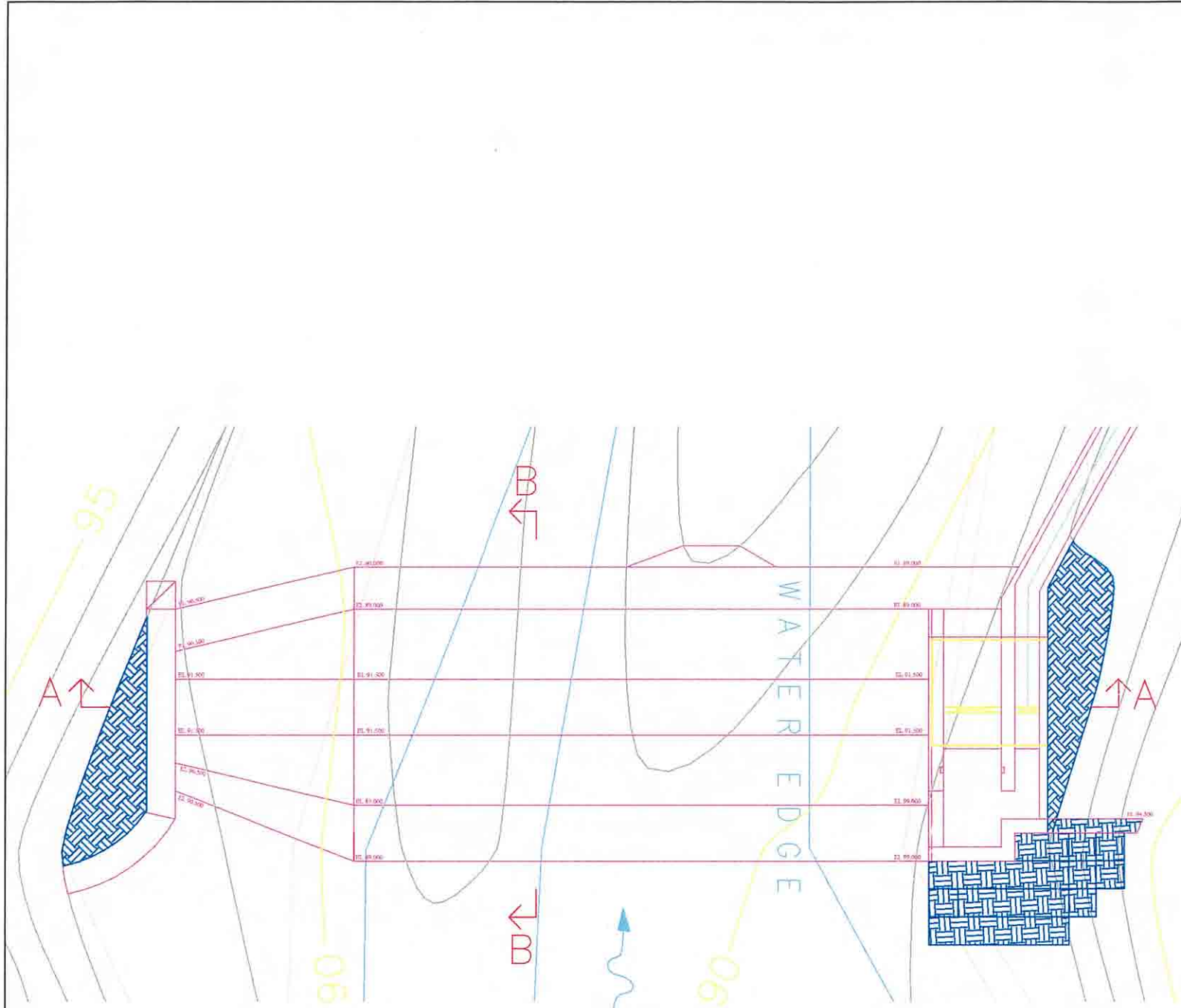
HEADRACE CHANNEL
TYPICAL SECTION 1
(S = 1 : 100)



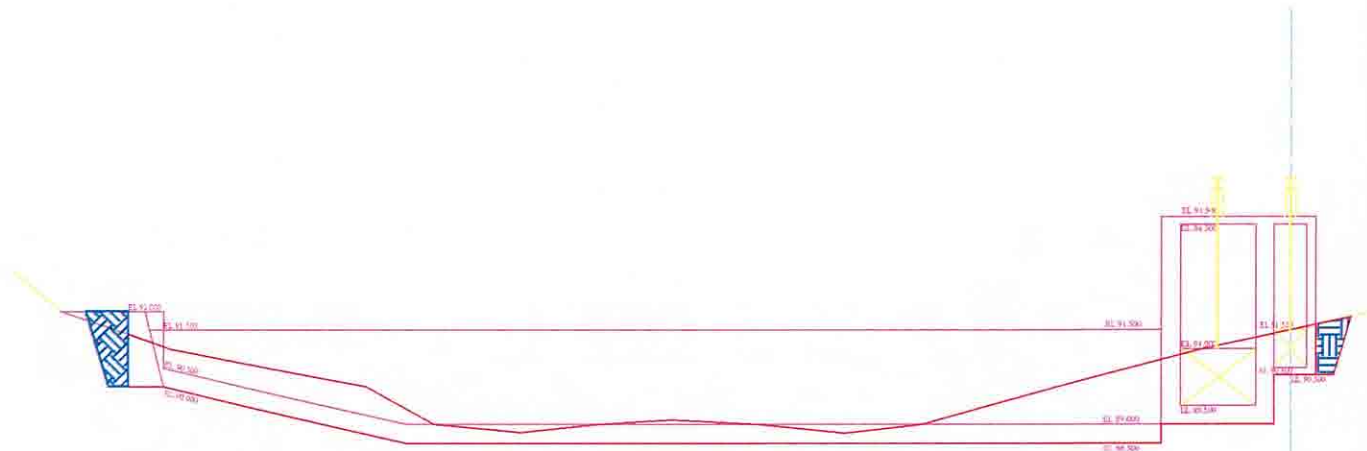
HEADRACE CHANNEL
TYPICAL SECTION 2
(S = 1 : 100)



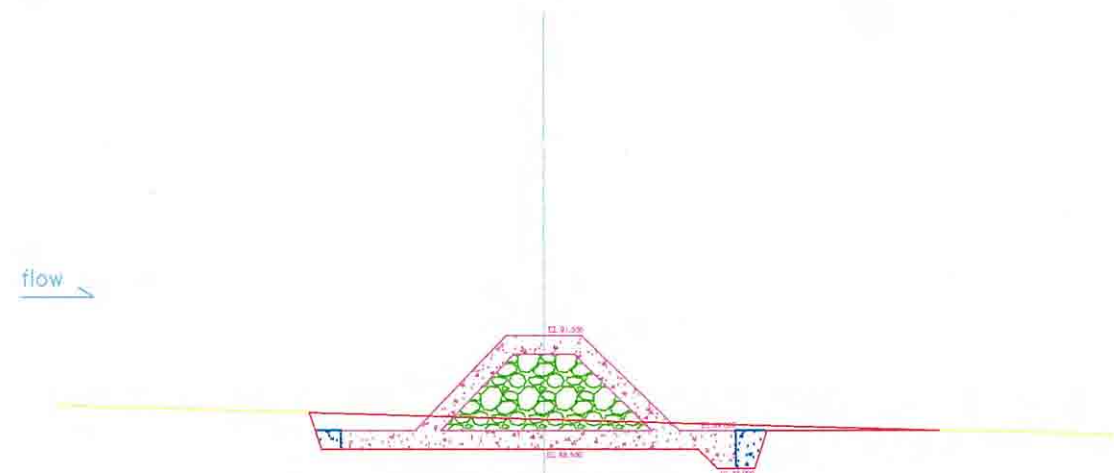
PENSTOCK
TYPICAL SECTION 1
(S = 1 : 100)



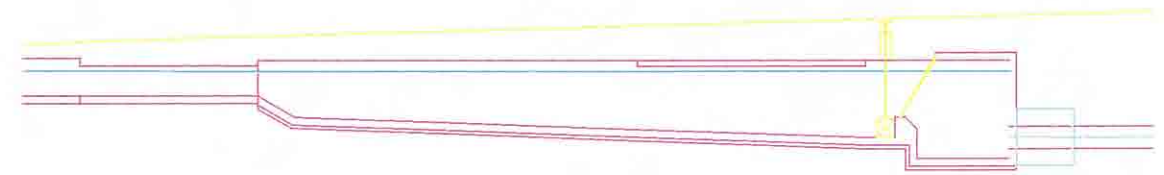
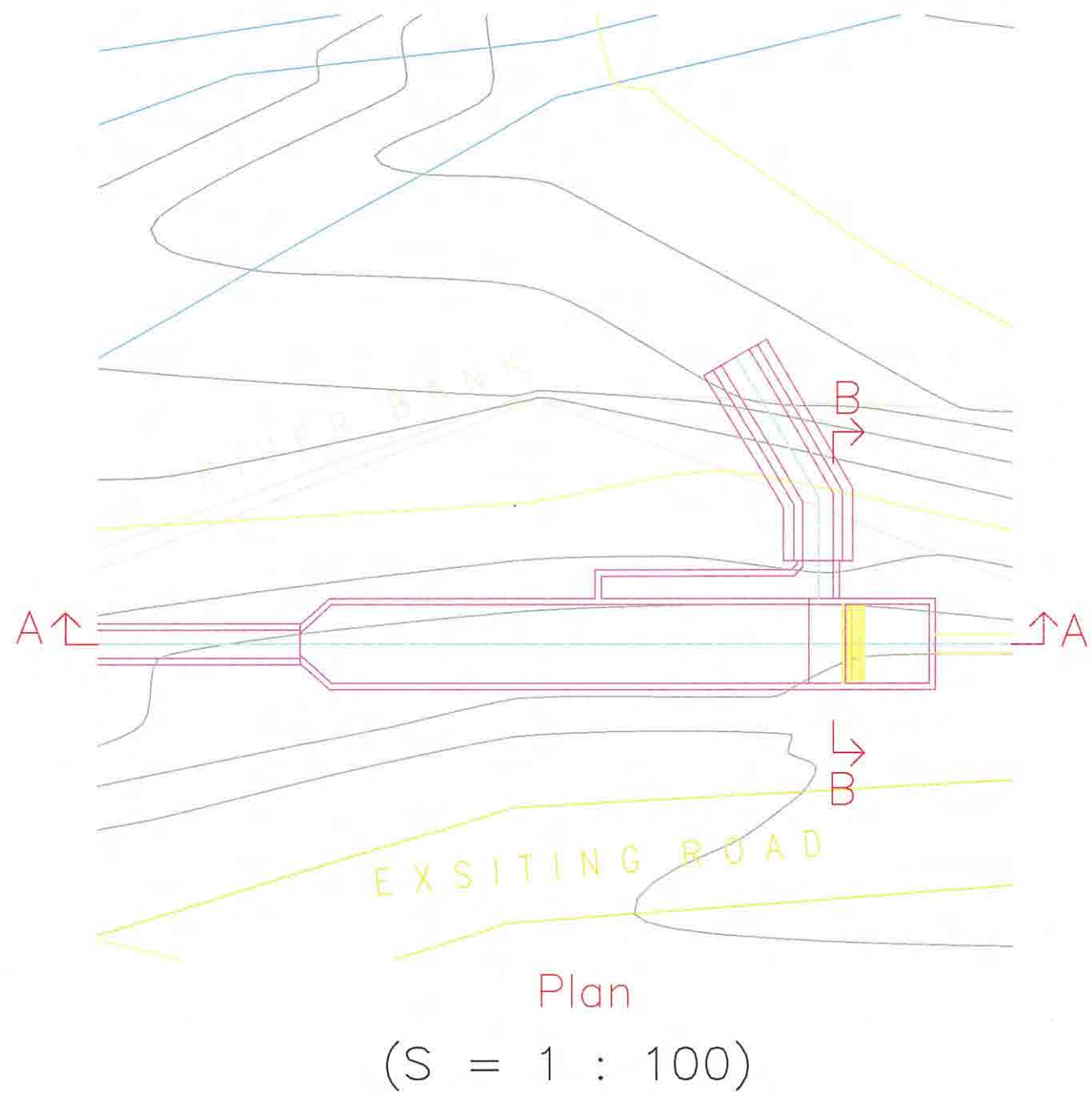
Plan
(S = 1 : 100)



Section A-A
(S = 1 : 100)



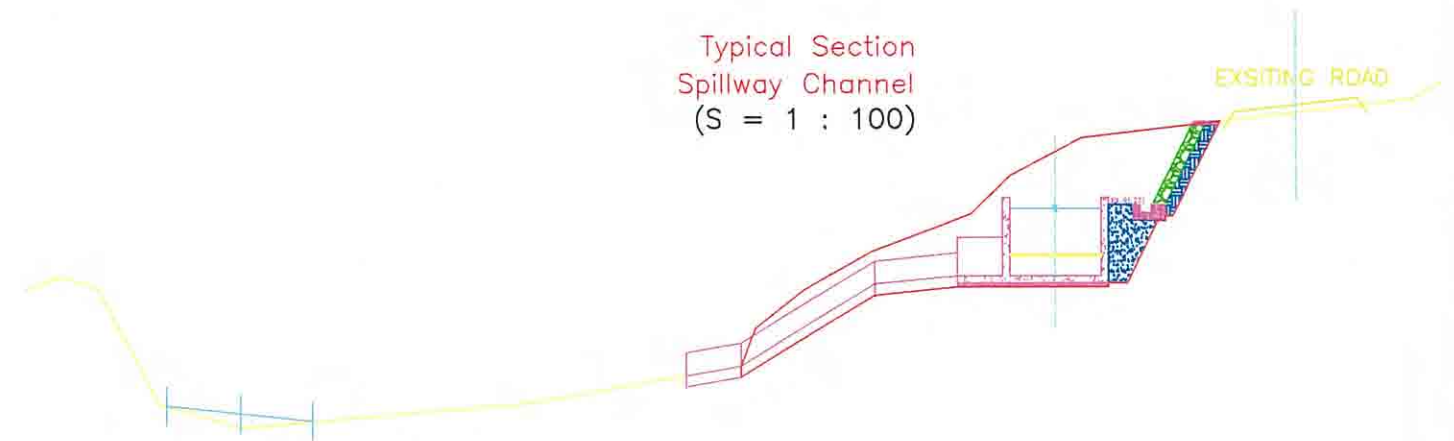
Section B-B
(S = 1 : 100)



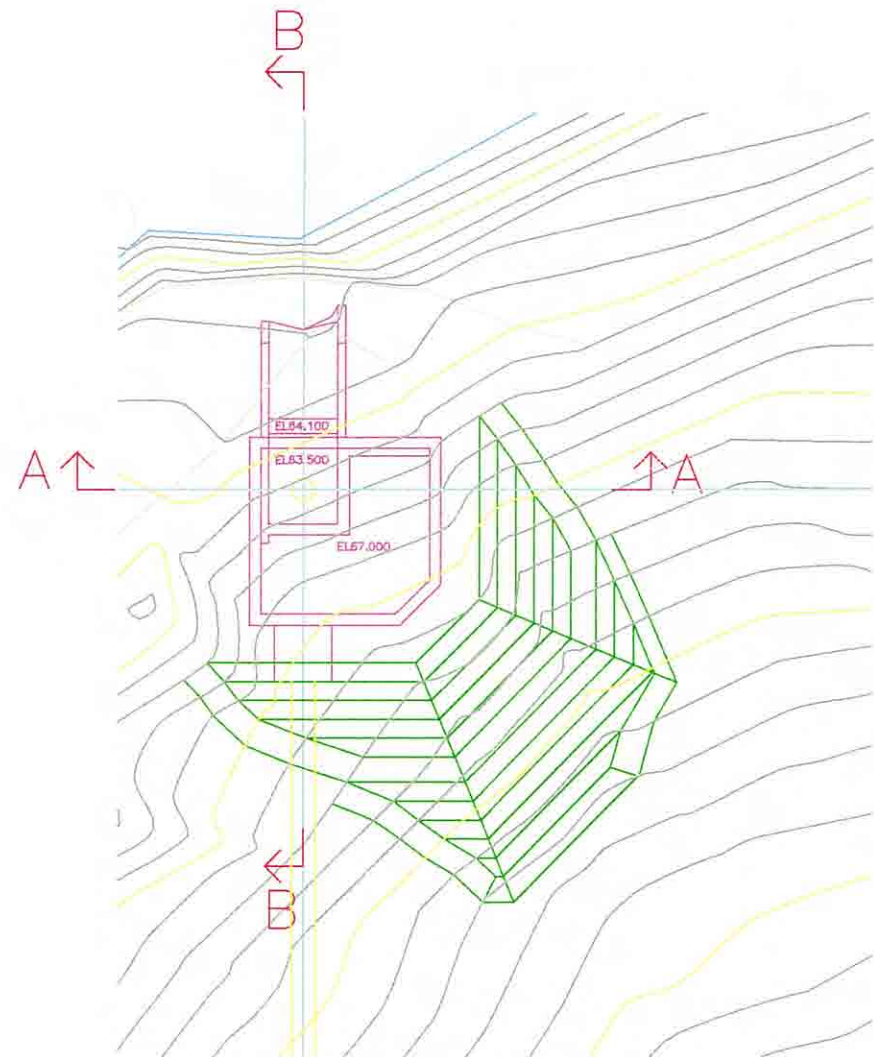
Section A-A
(S = 1 : 100)



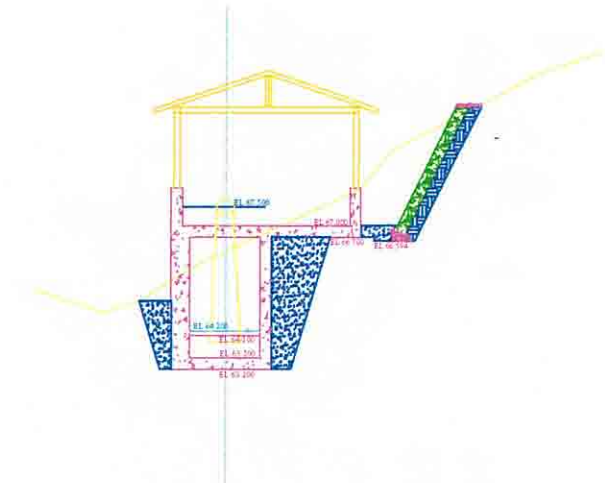
Typical Section
Spillway Channel
(S = 1 : 100)



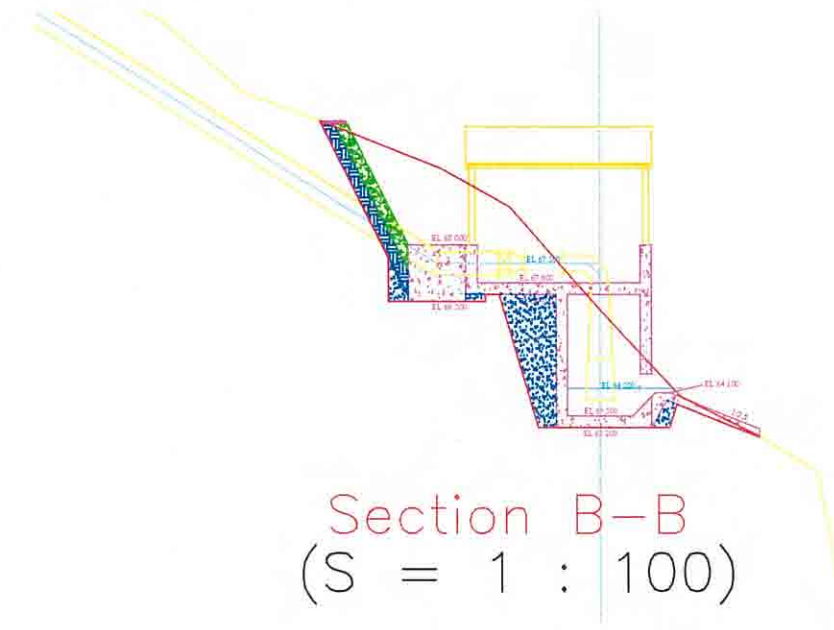
Section B-B
(S = 1 : 100)



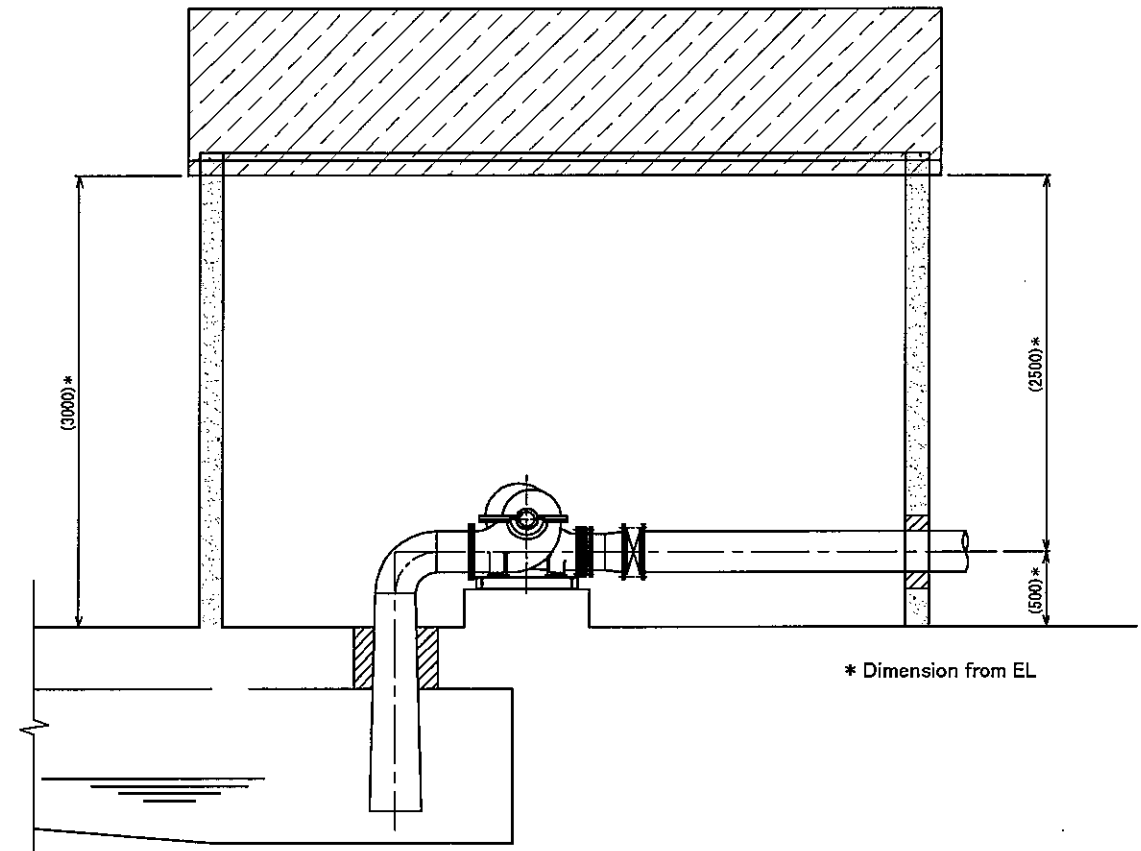
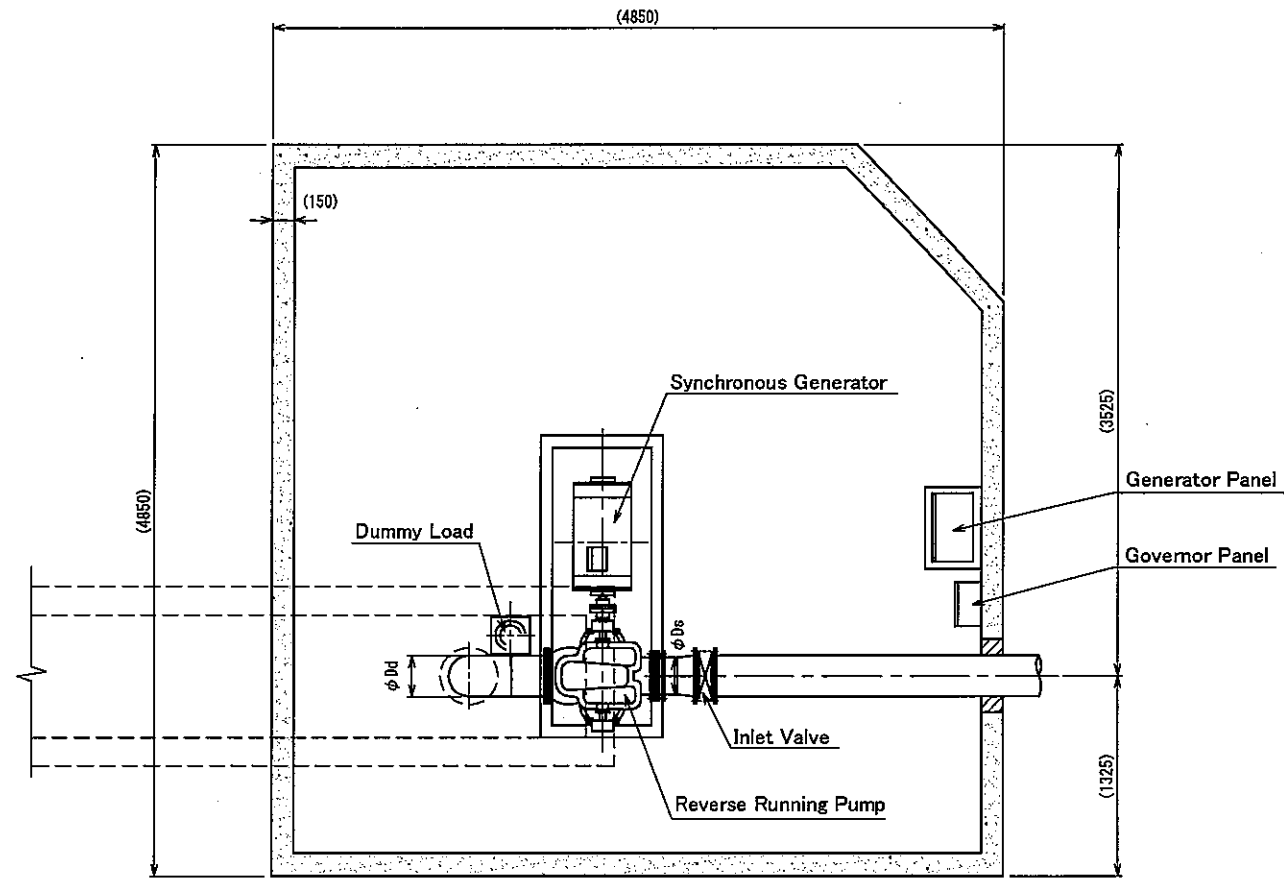
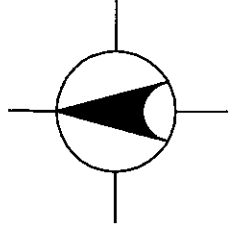
Plan
(S = 1 : 100)



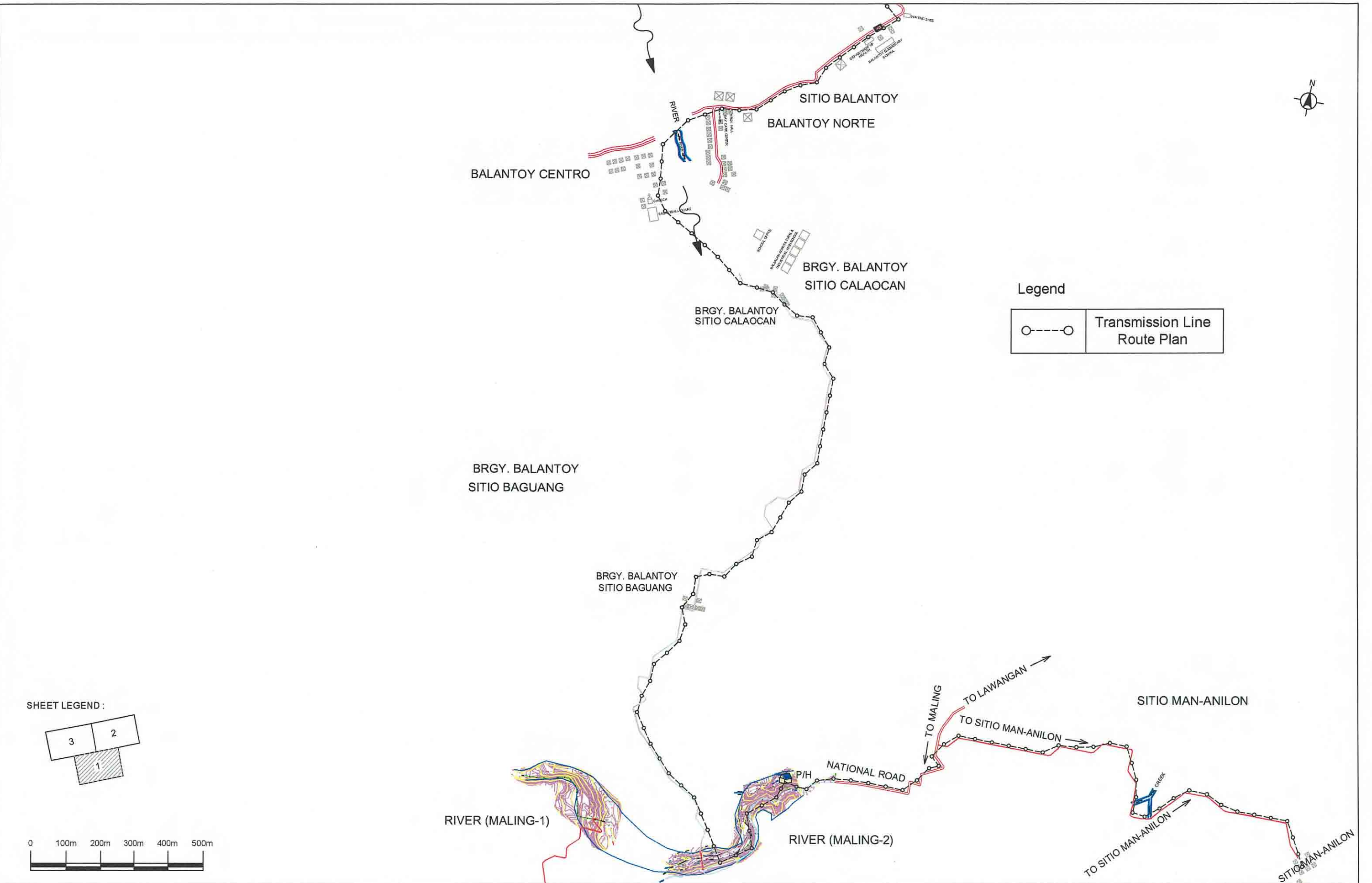
Section A-A
(S = 1 : 100)



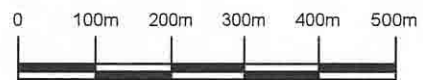
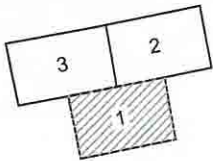
Section B-B
(S = 1 : 100)

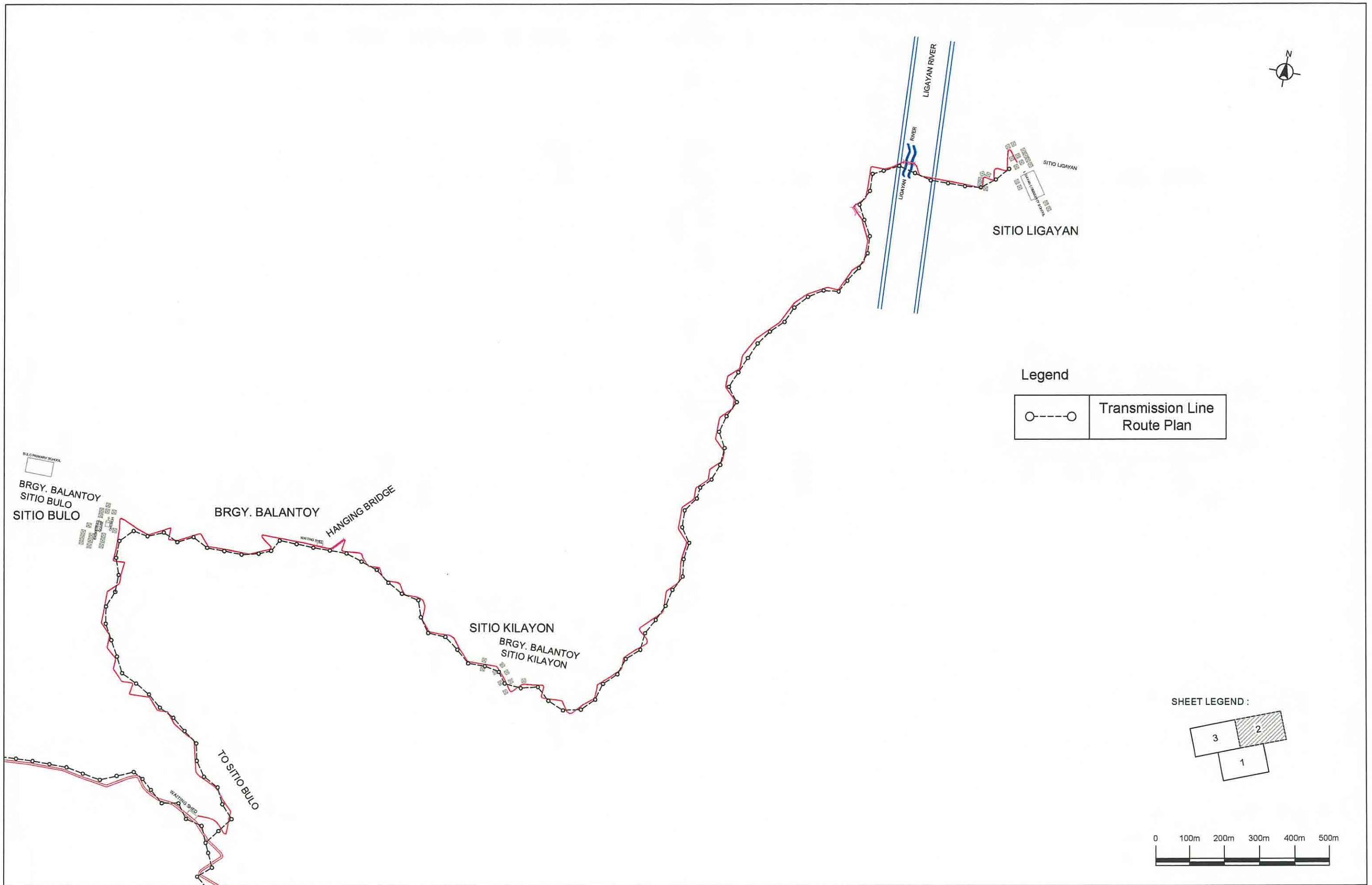


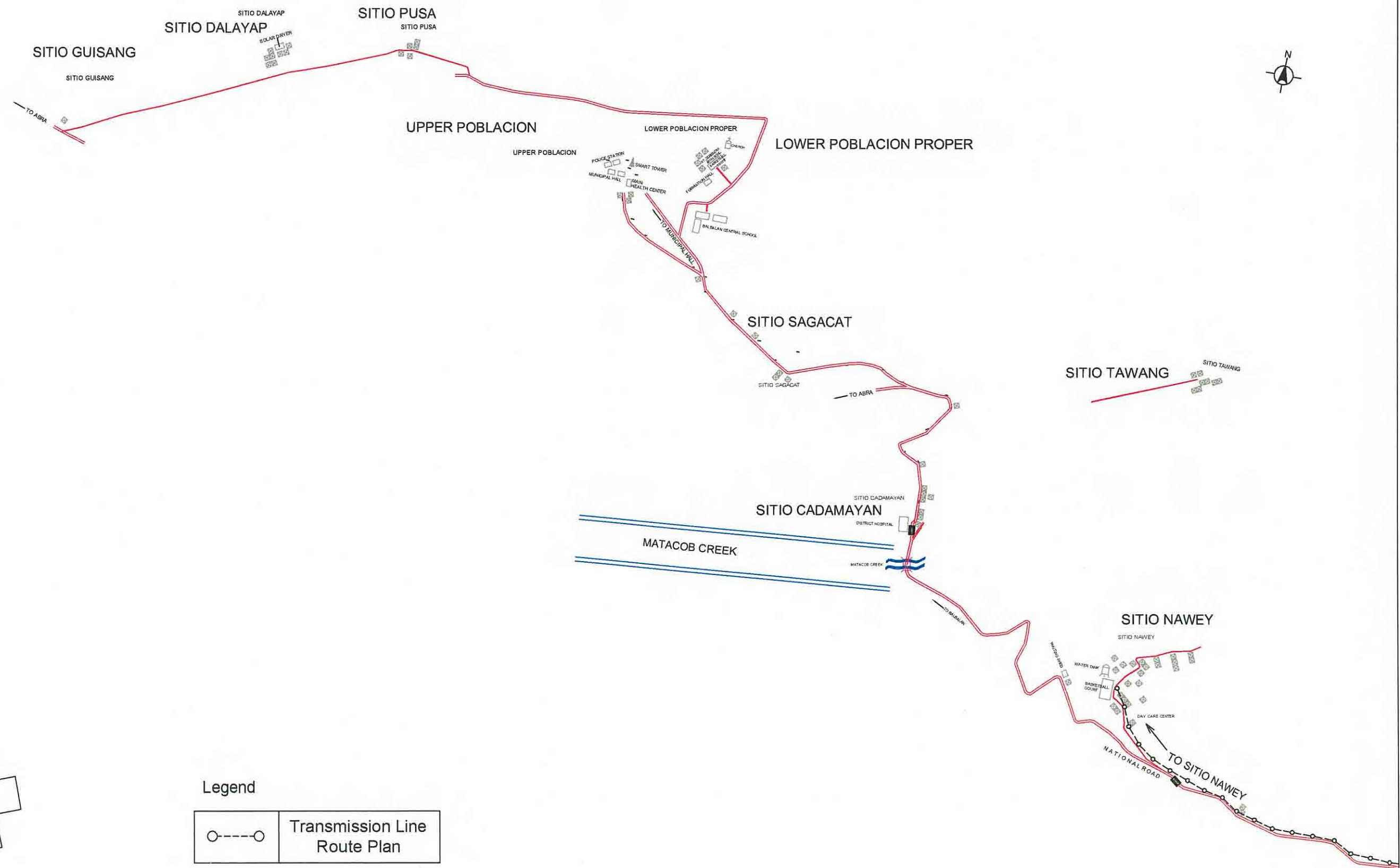
	Turbine Discharge (m ³ /s)	Effective Head (m)	Speed (min ⁻¹)	Rated Capacity (kVA)	Speed Increase Gear	Dimension	
						Ds	Dd
Maling-2	0.52	23.43	700/1200	120	✓	300	450



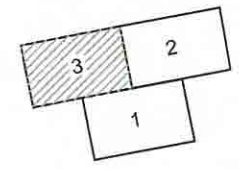
SHEET LEGEND:



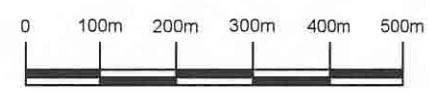
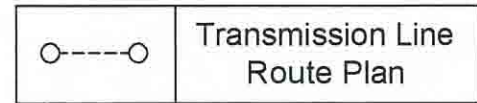


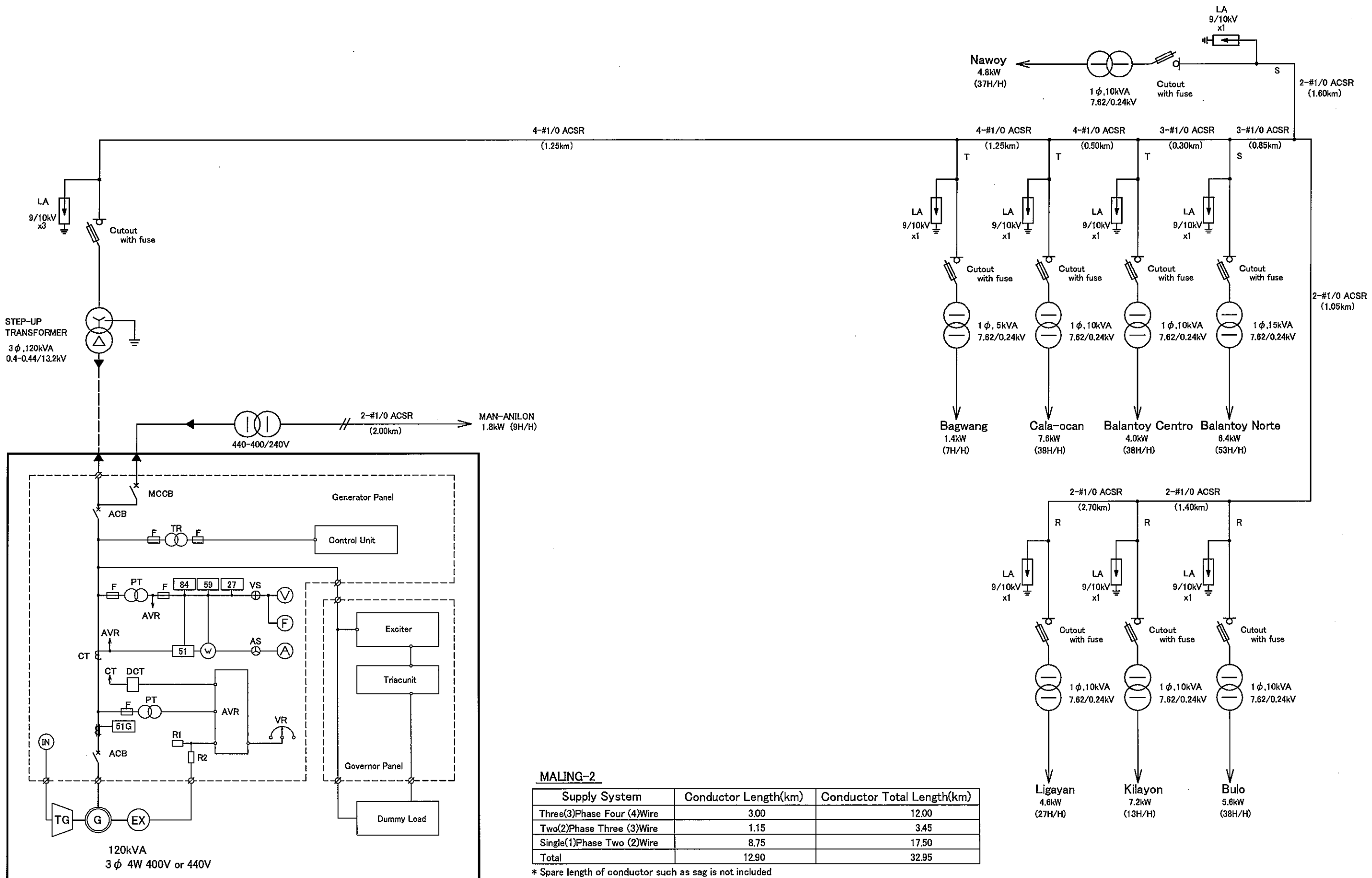


SHEET LEGEND :



Legend





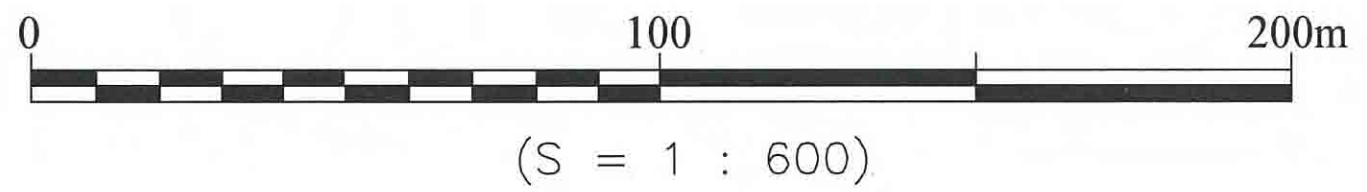
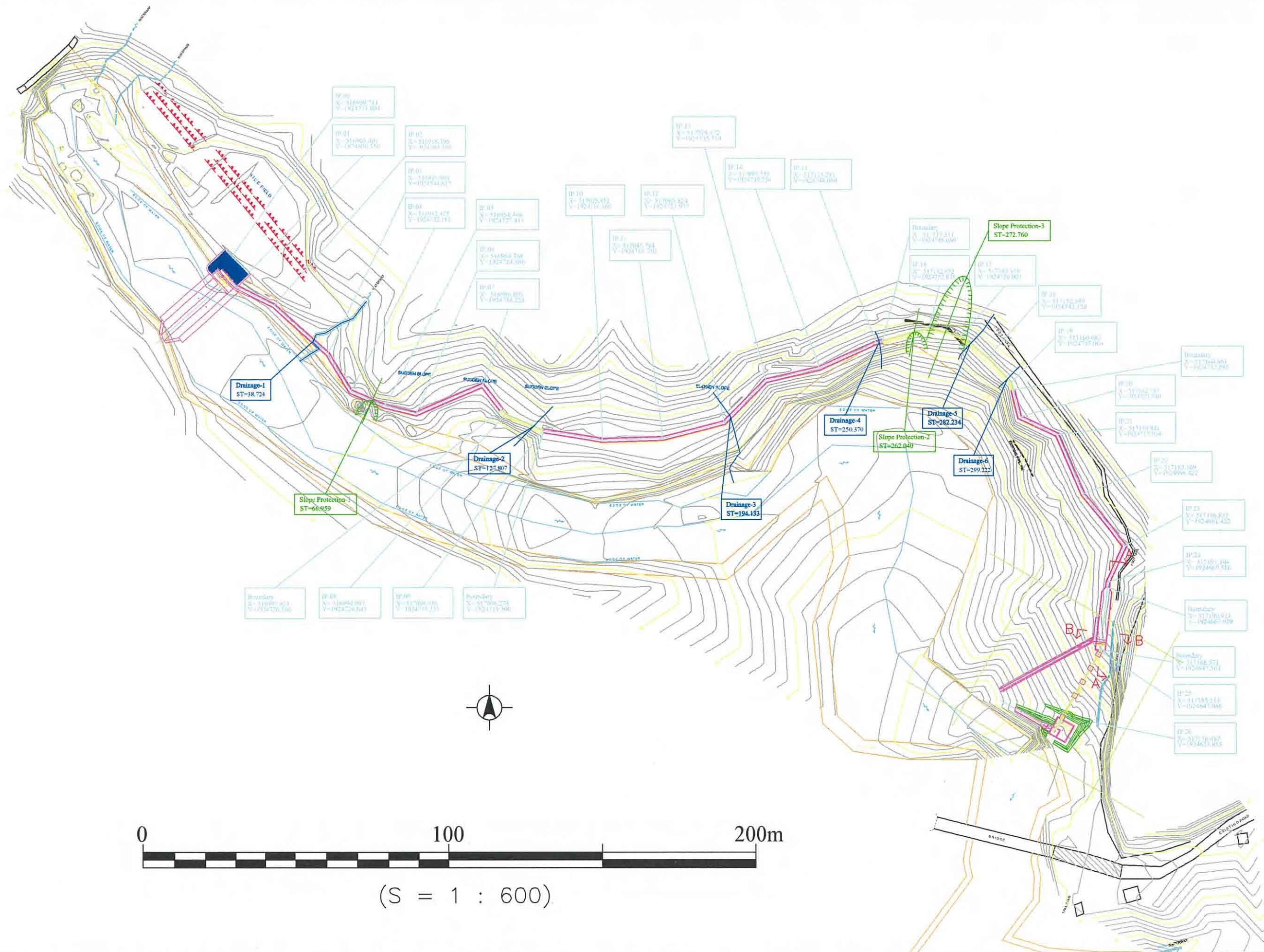
MALING-2


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

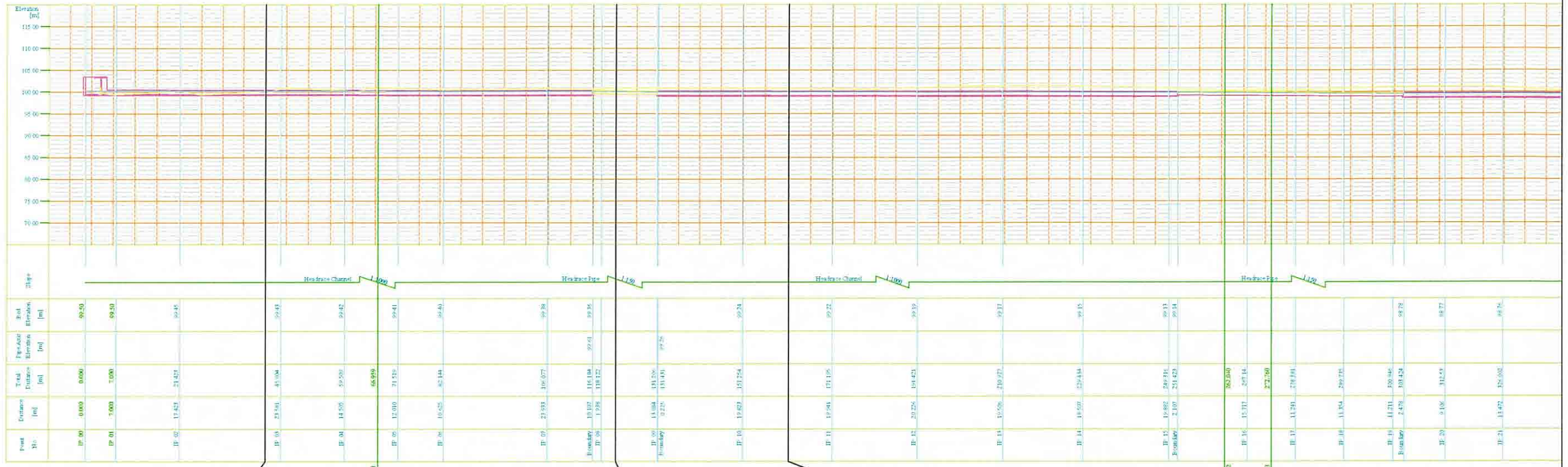
* Spare length of conductor such as sag is not included

POWER HOUSE FOR MALING-2

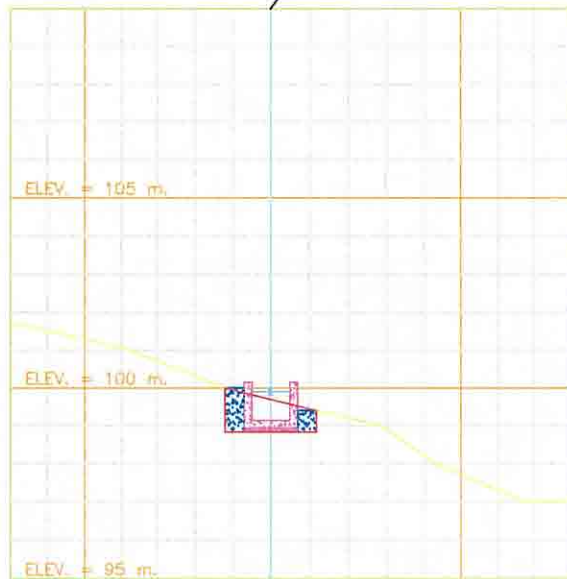
Maluksad



 JAPAN INTERNATIONAL COOPERATION AGENCY	PROJECT & LOCATION:	SHEET CONTENTS	Draw. No.
	THE BASIC DESIGN STUDY ON THE PROJECT FOR RURAL ELECTRIFICATION IN NORTHERN LUZON IN THE REPUBLIC OF THE PHILIPPINES	MALUKSAD MICRO HYDRO POWER STATION GENERAL PLAN (S = 1 : 600)	MS-C-001



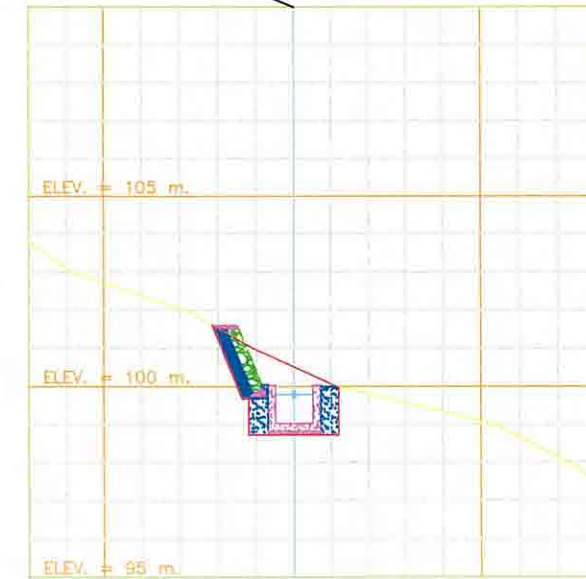
PROFILE
(S = 1 : 500)



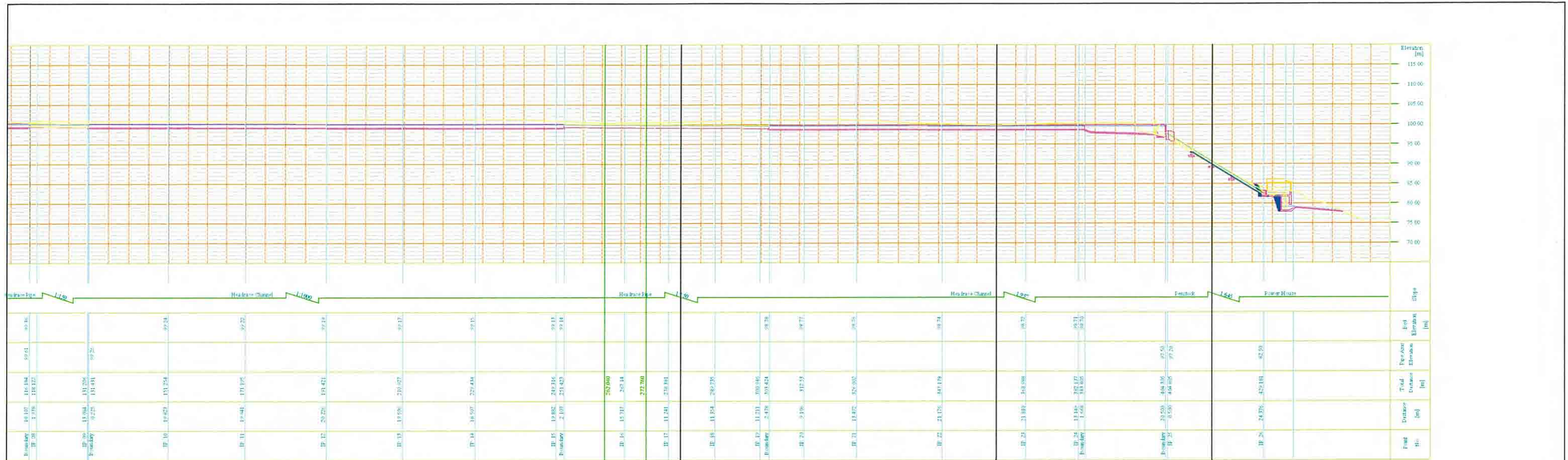
HEADRACE CHANNEL
TYPICAL SECTION 1
(S = 1 : 100)



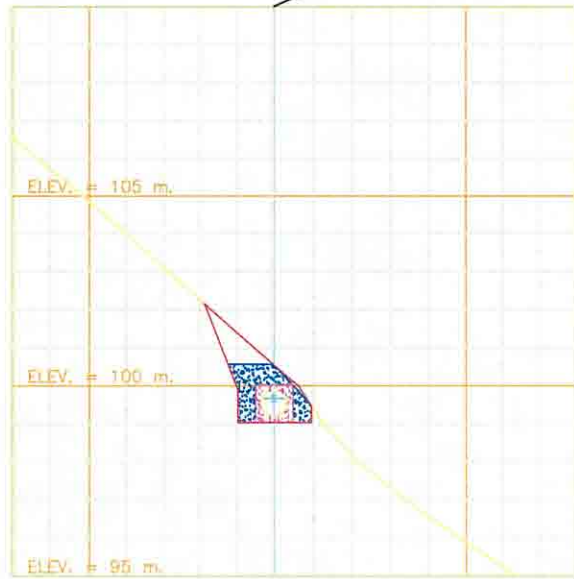
HEADRACE PIPE
TYPICAL SECTION 2
(S = 1 : 100)



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



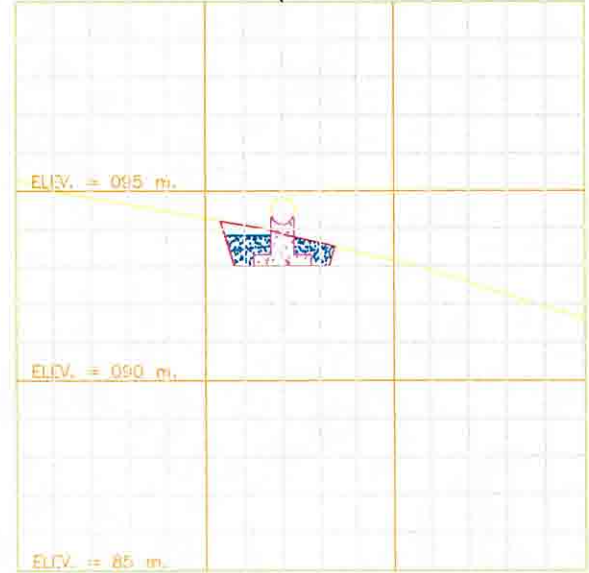
PROFILE
(S = 1 : 500)



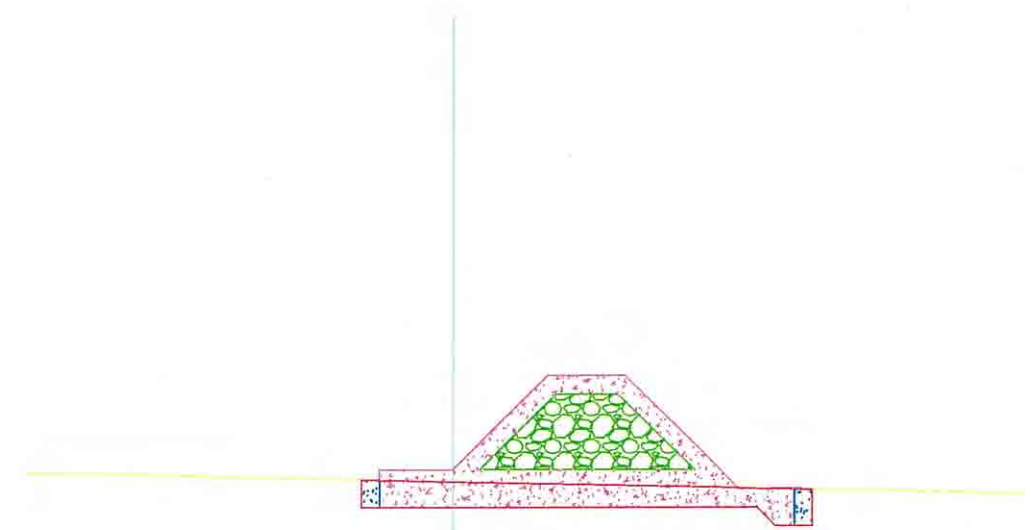
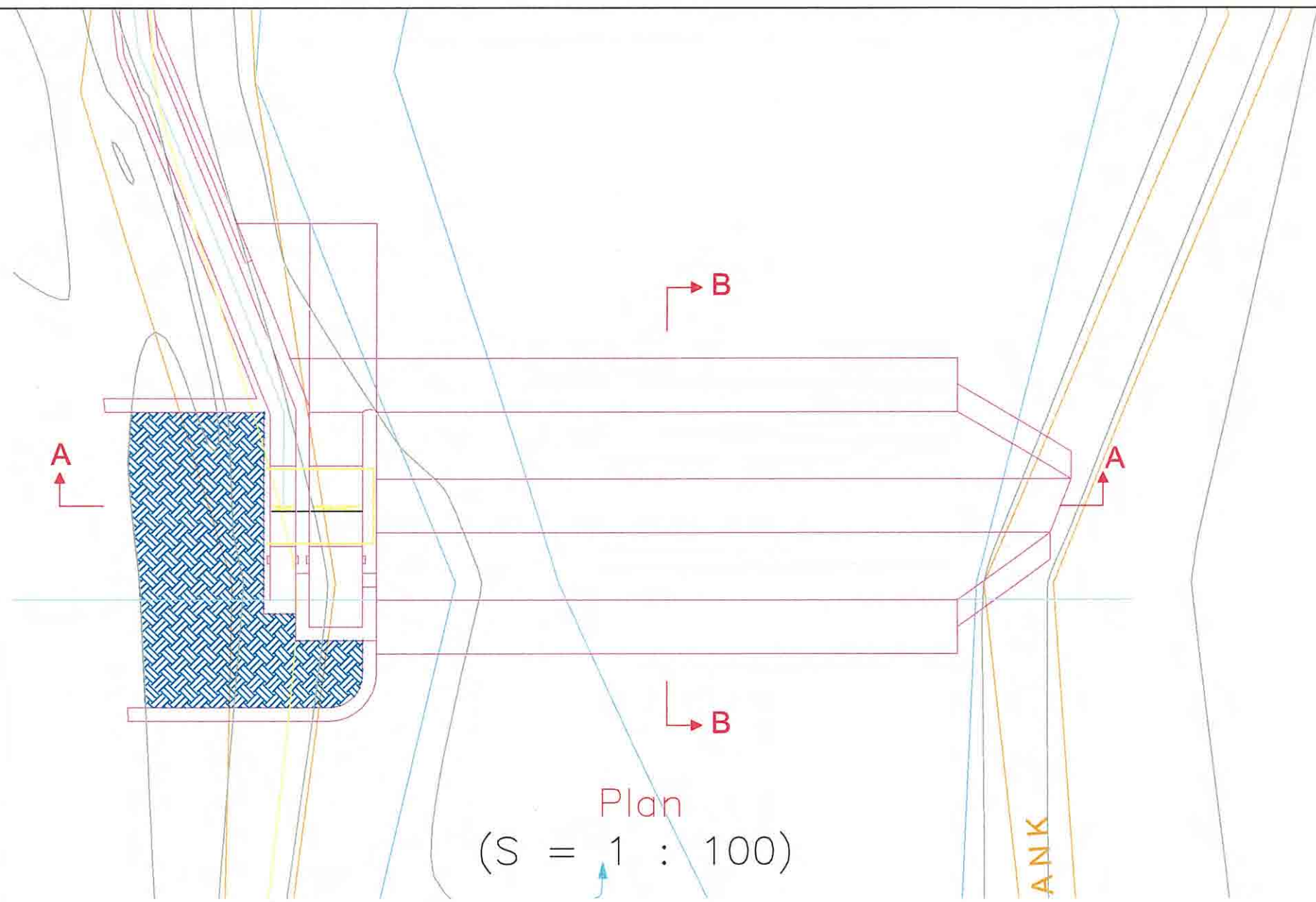
HEADRACE PIPE
TYPICAL SECTION 4
(S = 1 : 100)



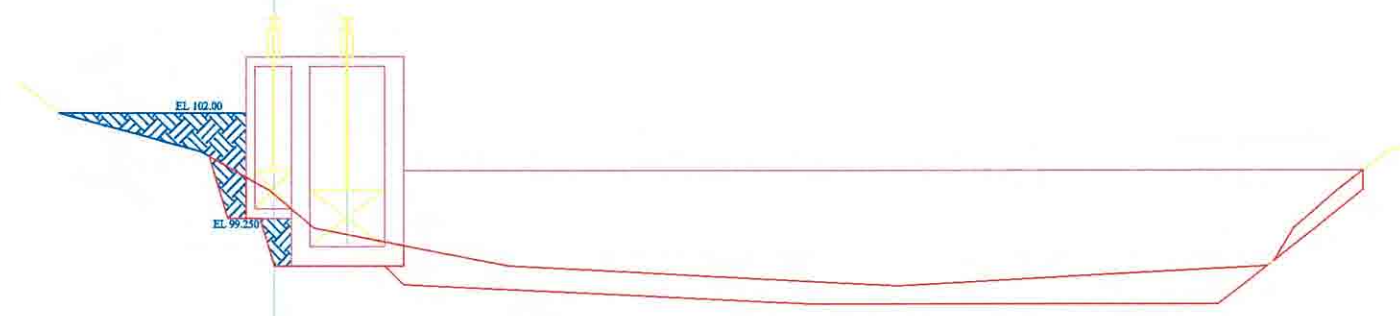
HEADRACE CHANNEL
TYPICAL SECTION 5
(S = 1 : 100)



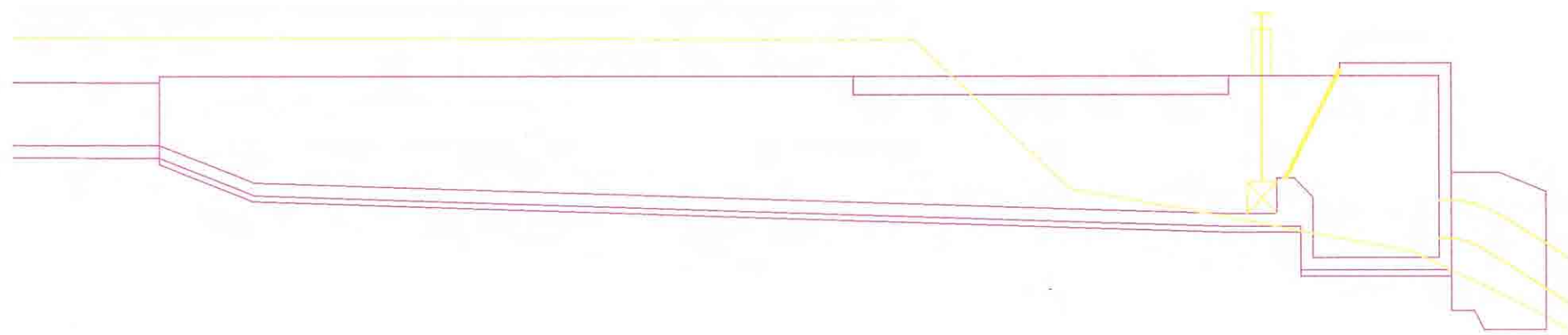
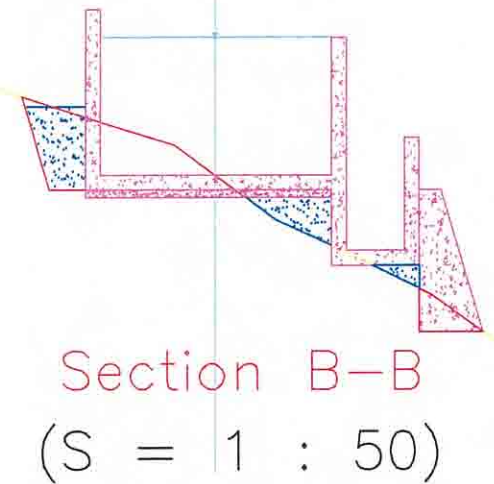
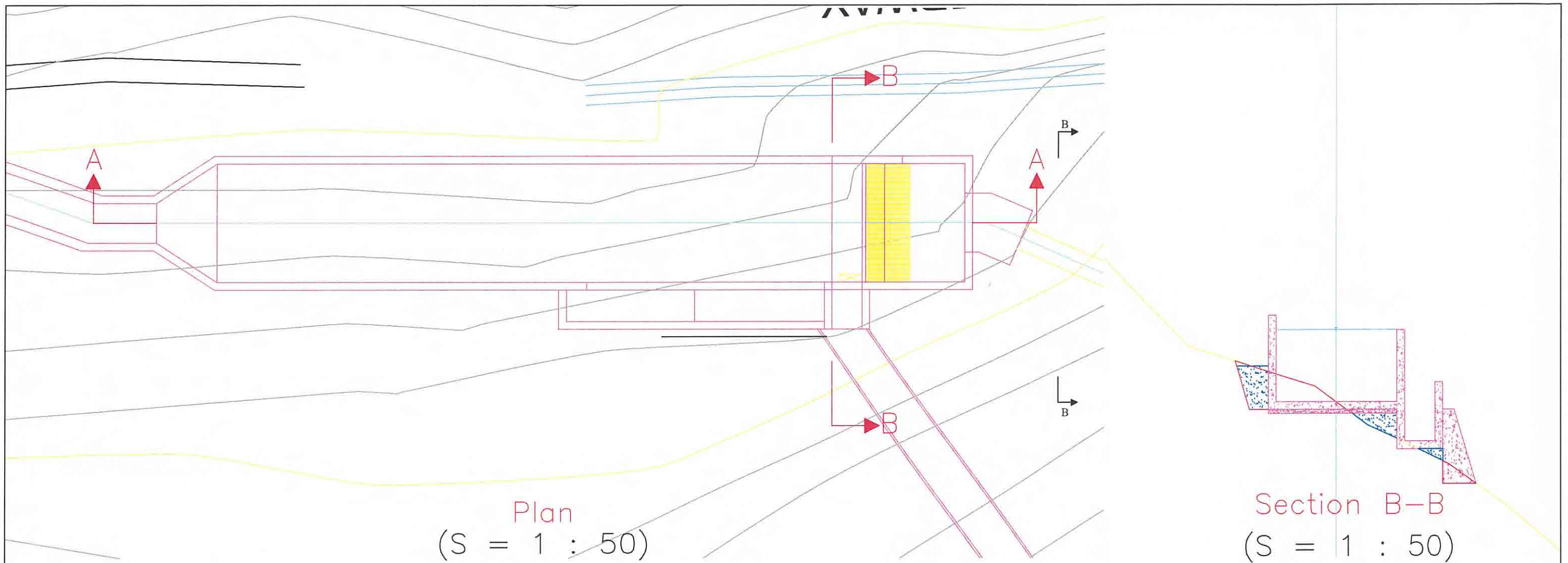
PENSTOCK PIPE
TYPICAL SECTION 6
(S = 1 : 100)

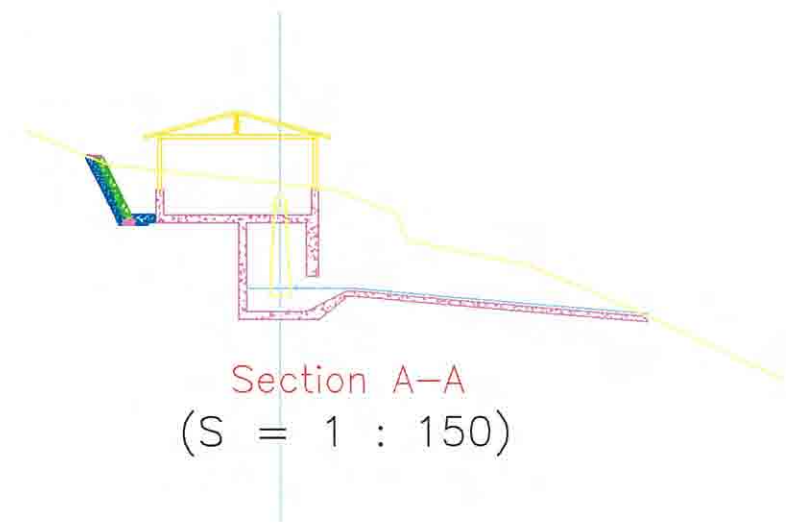
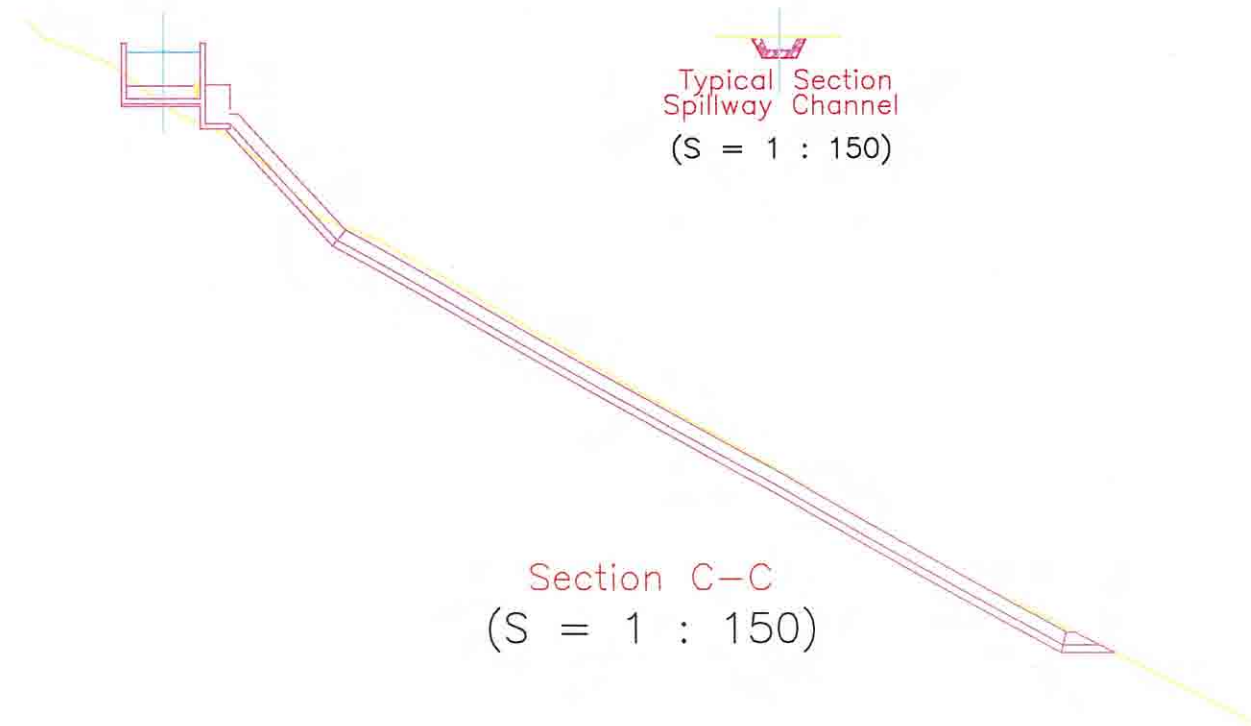
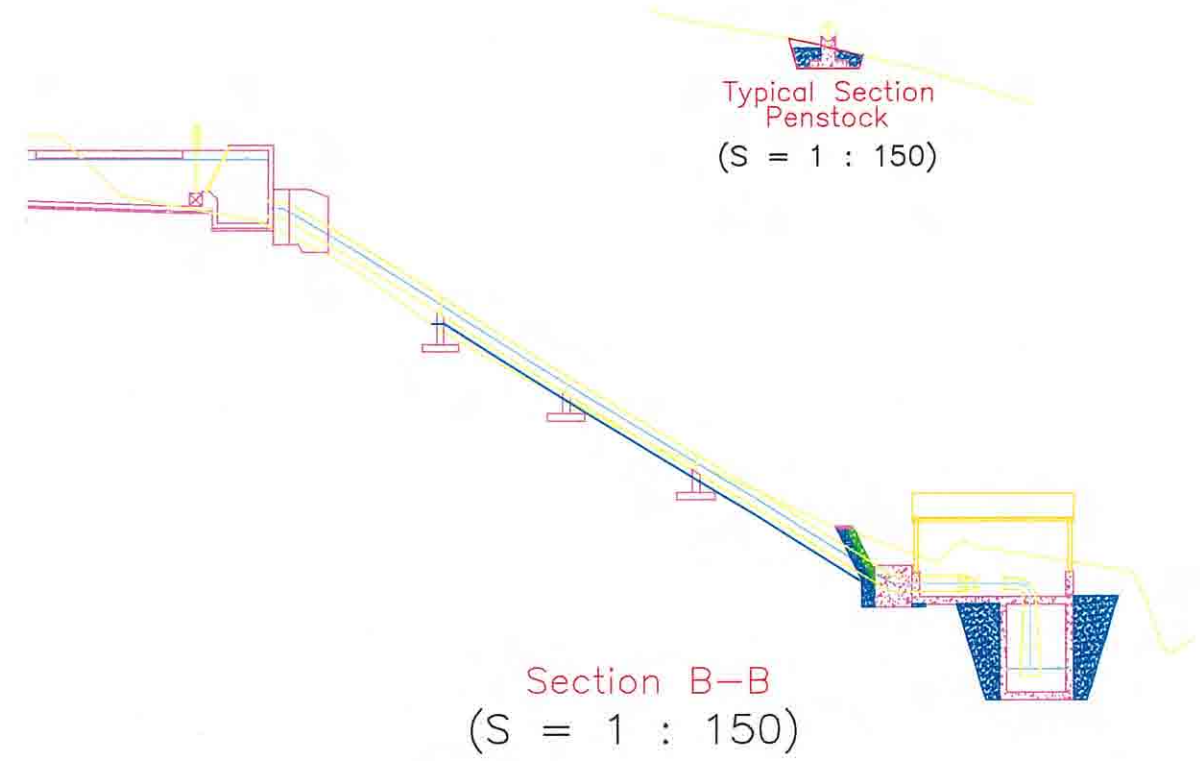
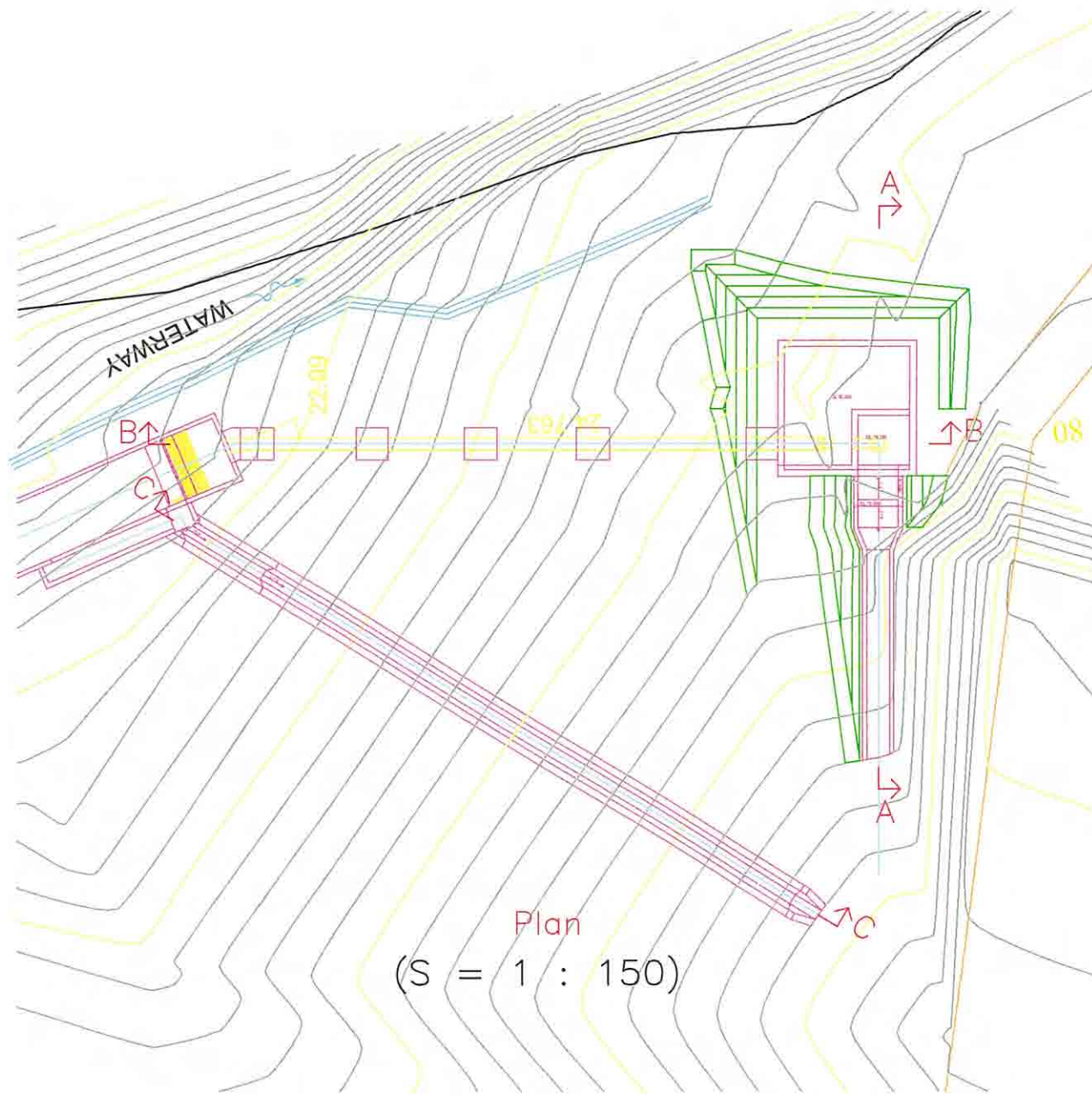


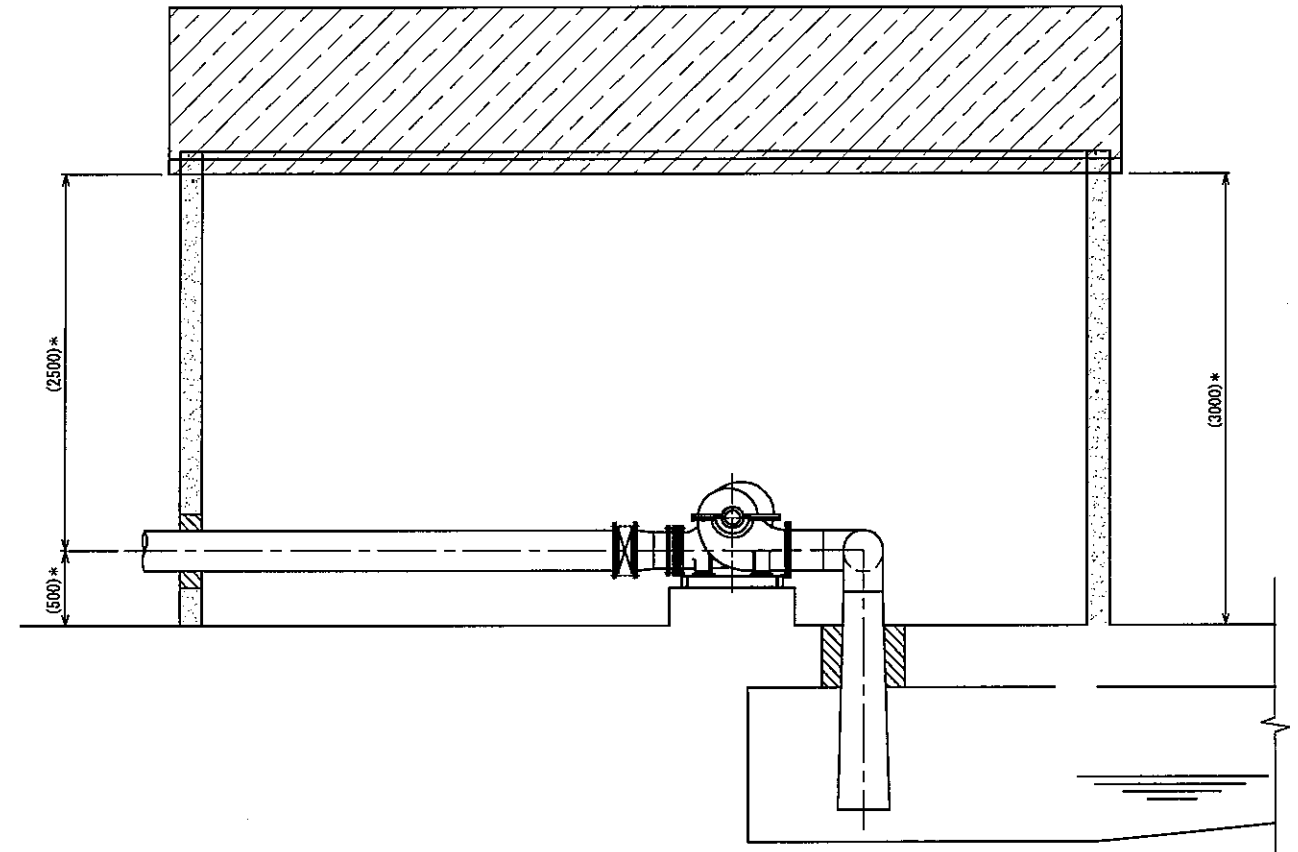
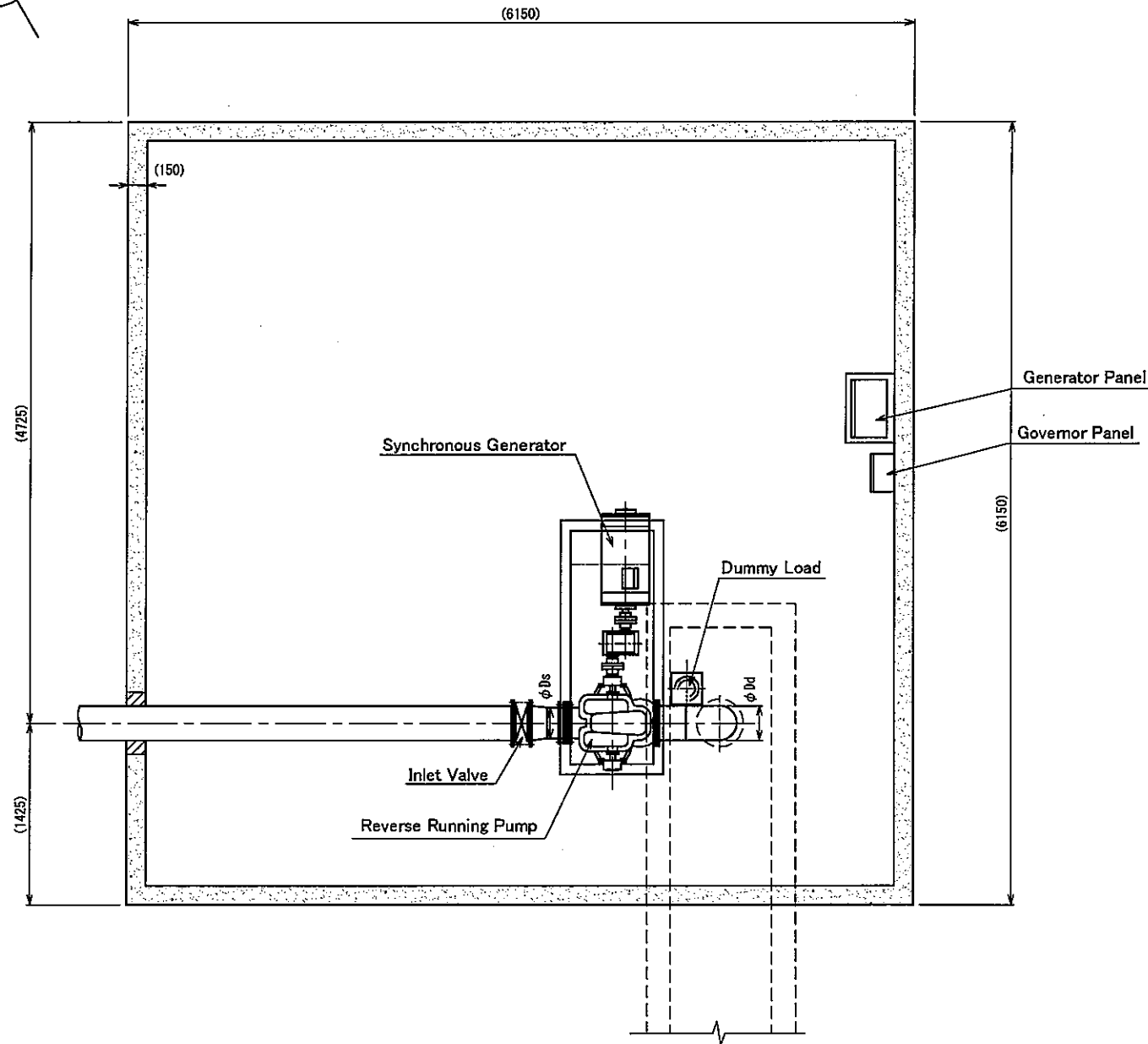
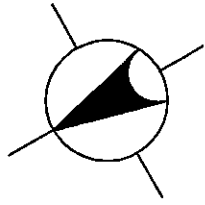
Section B-B
(S = 1 : 100)



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

BRIDGE

WOODEN CHAPEL

TO SITIO AMDALAO

← TO GUINA-ANG

← TO PUGONG

Legend

