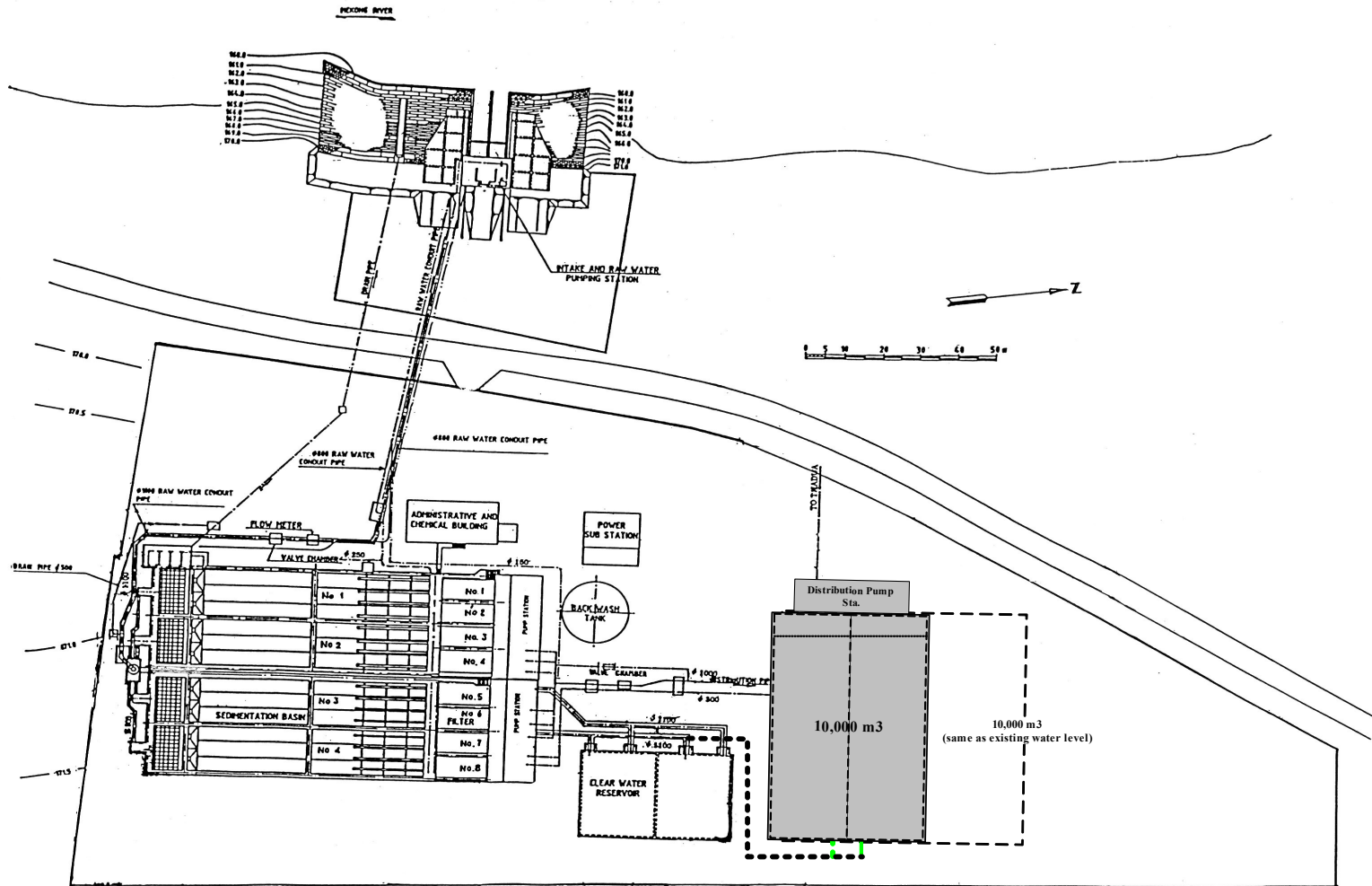


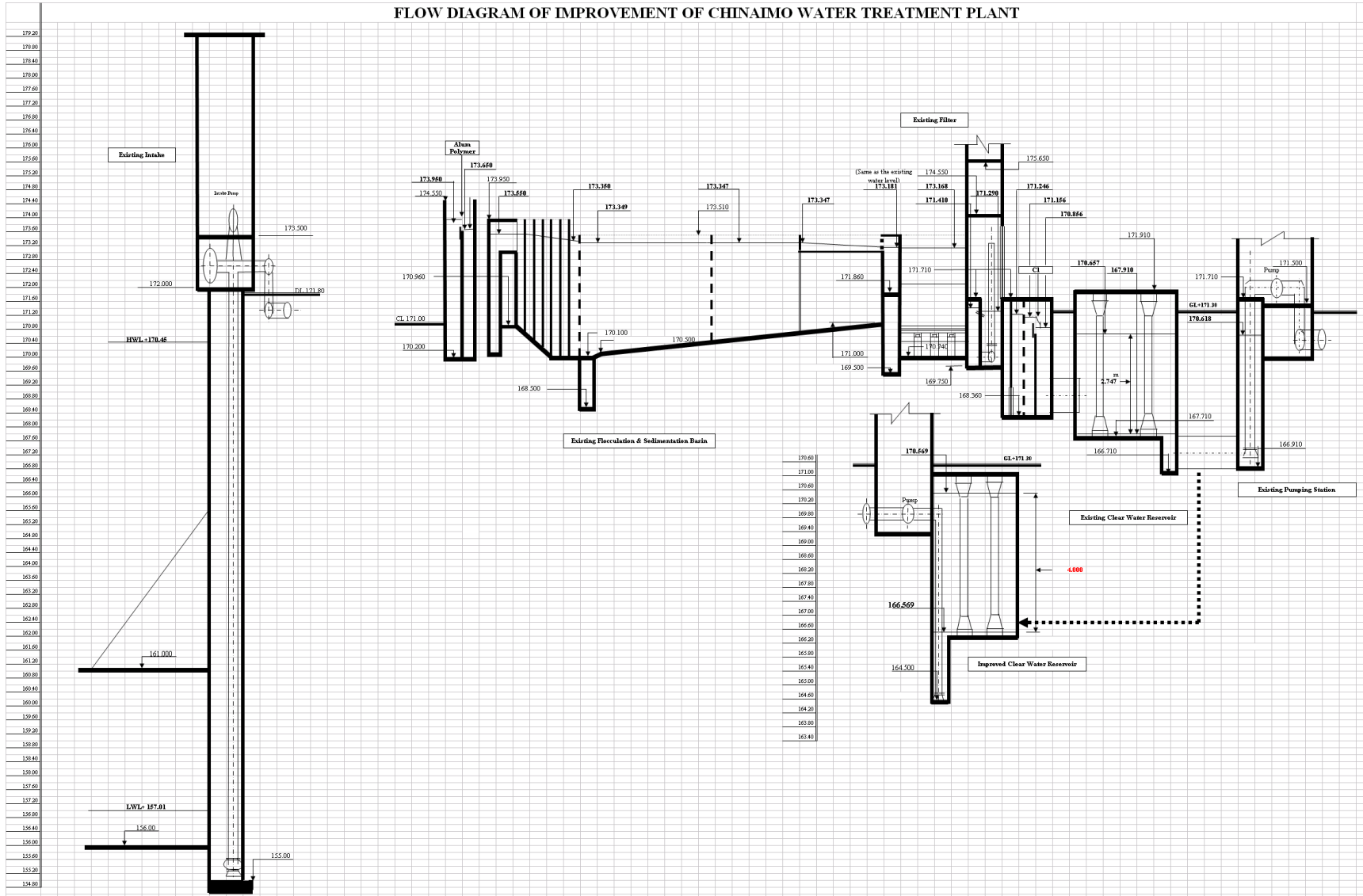
Rehabilitation Work of Kaolieo Treatment Plant

Planned Components of Facility		
Intake Facility	Intake Pump	Replace of Pump: 7.65 m ³ /min. x 37 kW x 3 Units (Substitute Submersible Mixed Flow Pump for Vertical Mixed Flow Pump)
	Bank Protection	Repairing & Improving the Existing Bank Protection
	Maintenance Bridge	Repairing
Raw Water Transmission Pipe	Civil Works	Meter and Control Valve Chamber
	Electro-Mechanical Work	Ultrasonic Flow Meter and Flow Control Valve
Receiving Well & Mixing Well		Replacement of Flash Mixer
Flocculation & Sedimentation Basin		Repair of Structural Wall's Clacks
Filtration Facility	Filter Basin	Replacement of Filter Media and Underdrain, and
	Filter Washing Equipment	Replacement of Valves & Gates in equipped with Automatic Control, Back Wash Pumps: 14.5m ³ /min x 60 kW x 3 Units
Clear Water Reservoir		Repairing the Structure and Valves if necessary
Distribution Pumping Facility	Distribution Pump Building	Using the Existing
	Distribution Pump	6.3 m ³ /min. x 67.0 m x 110 kW x 4 Units
Chemical Feeding Facility	Chemical Feeding Equipment	Installation of Equipment and Solution Tank
	Chemical Building	In preparation for Administration Building to be Expanded
Electrical Equipment Facility	Power Receiving Facility	Power Receiving and Transformer Equipment
	Power Supply Facility	Power Supply Equipment
	Emergency Generator	Generator Cap. for 1/3 of Distribution Pump Capacity
	Instrumentation Equipment	Monitoring, Supervising and Controlling
Administration Building		Using the Expanded Building: A=300m ² ×2F
Laboratory		In preparation for Administration Building to be Expanded
Landscaping and Others		Including demolition & relocation of existing housings

General Plan of Chinaimo Treatment Plant Improvement: Separation of Distribution and Transmission System



FLOW DIAGRAM OF IMPROVEMENT OF CHINAIMO WATER TREATMENT PLANT



Improvement of Chinaimo Treatment Plant

Planned Components of Facility		
Clear Water Reservoir	Clear Water Reservoir	V=10,000 m ³
	Piping	D1100mm
Distribution Pumping Facility	Distribution Pump Building	A=250 m ²
	Distribution Pump	12.1 m ³ /min. x 67.0 m x 195 kW x 4 Units
Electrical Equipment Facility	Power Receiving Facility	Power Receiving and Transformer Equipment
	Power Supply Facility	Power Supply Equipment
	Emergency Generator	Generator Capacity for 1/3 of Distribution Capacity
	Instrumentation Equipment	Monitoring, Supervising and Controlling
Landscaping and Others		Including demolition of the existing housing