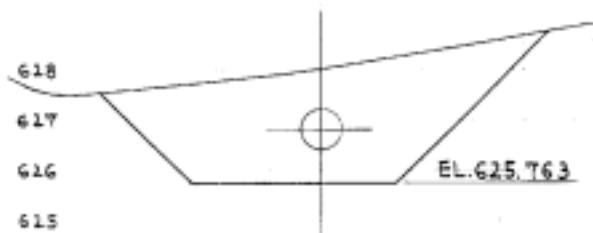
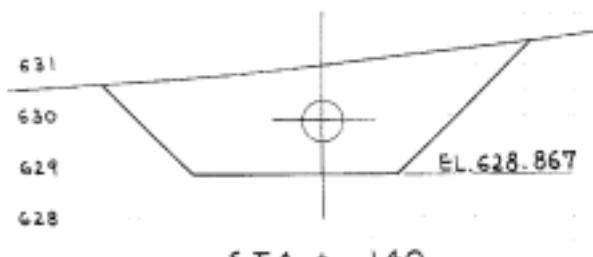


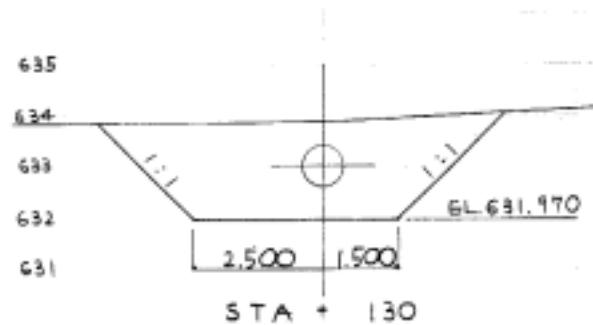
Japan International Cooperation Agency	Myanma Electric Power Enterprise	NAM LAN MINI HYDRO PENSTOCK SECTIONS (1/2)
The Study on the Introduction of Renewable Energies in the Rural Areas of Myanmar		
Nippon Koei Co., Ltd.		



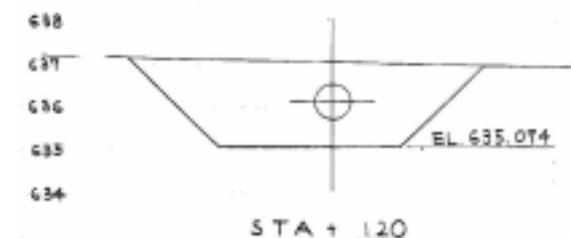
STA + 150



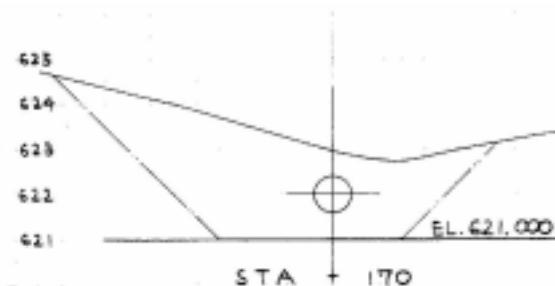
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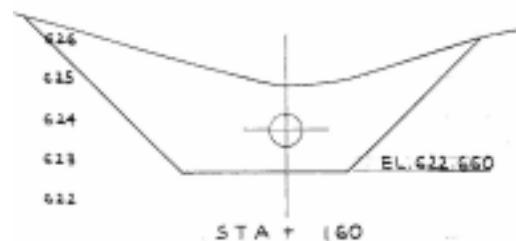
STA + 130



STA + 120



STA + 170



STA + 160

Japan International Cooperation Agency	Myanma Electric Power Enterprise
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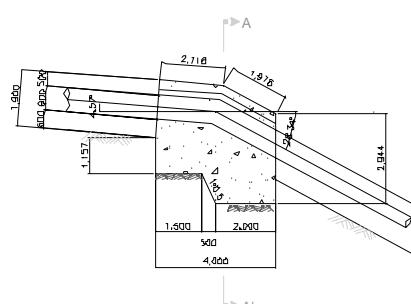
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NAM LAN MINI HYDRO

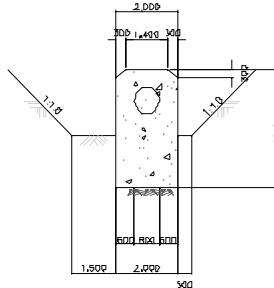
PENSTOCK

SECTIONS (2/2)

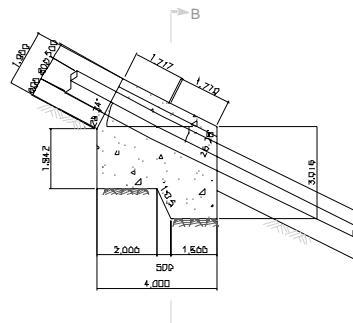


Profile

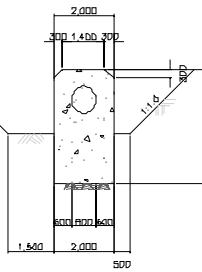
Anchor Block No.1



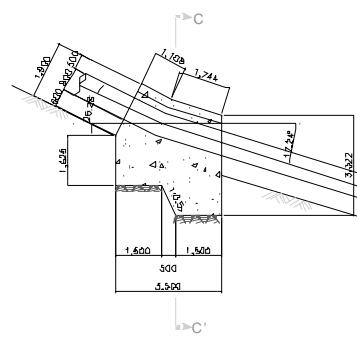
Section A-A'



Profile

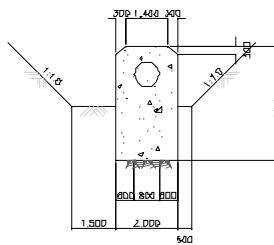


Section B-B'

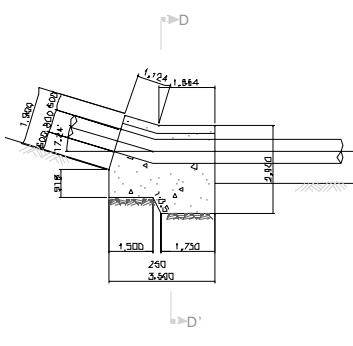


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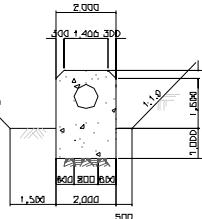
Anchor Block No.3



Section C-C'



Profile



Section D-D'

Anchor Block No.4



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Myanma Electric
Power Enterprise

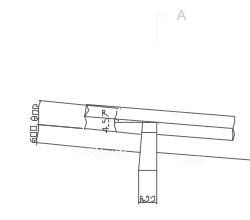
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NAM LAN MINI HYDRO

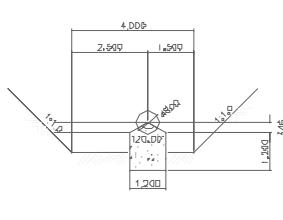
PENSTOCK

ANCHOR BLOCK

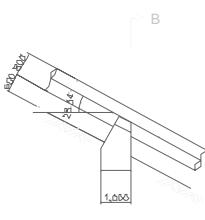


Elevation

Type A
(Penstock B.P. ~ Anchor Block No.1)

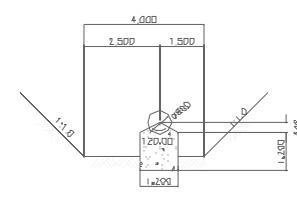


Section A-A'

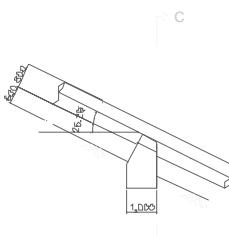


Elevation

Type B
(Anchor Block No.1~2)

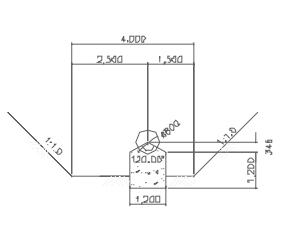


Section B-B'

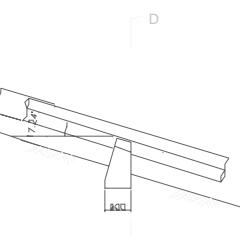


Elevation

Type C
(Anchor Block No.2~3)

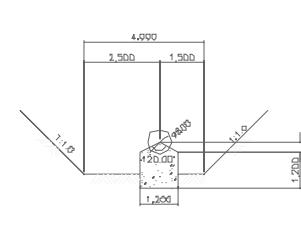


Section C-C'



Elevation

Type D
(Anchor Block No.3~4)



Section D-D'



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Cooperation Agency

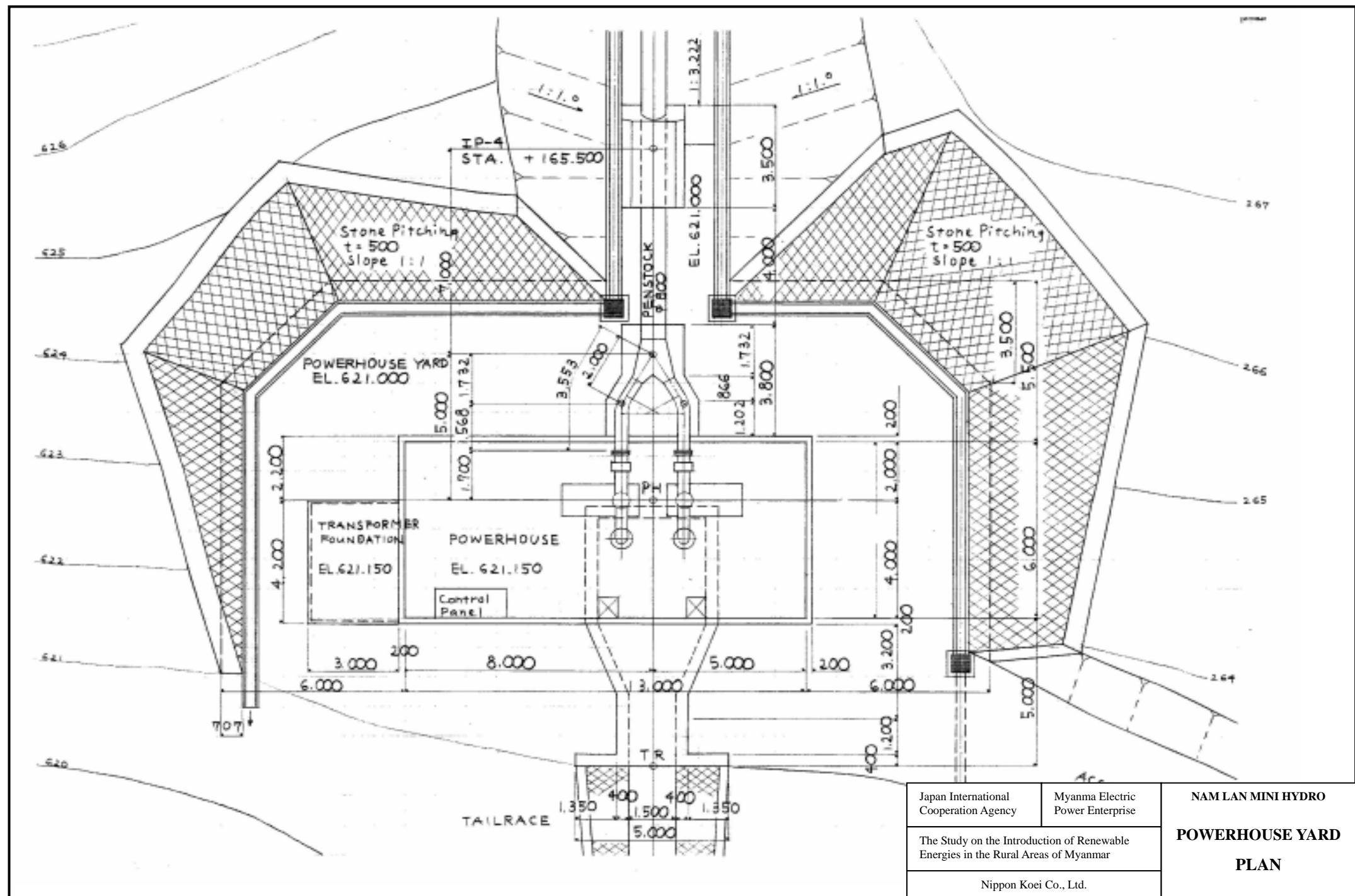
Myanmar Electric
Power Enterprise

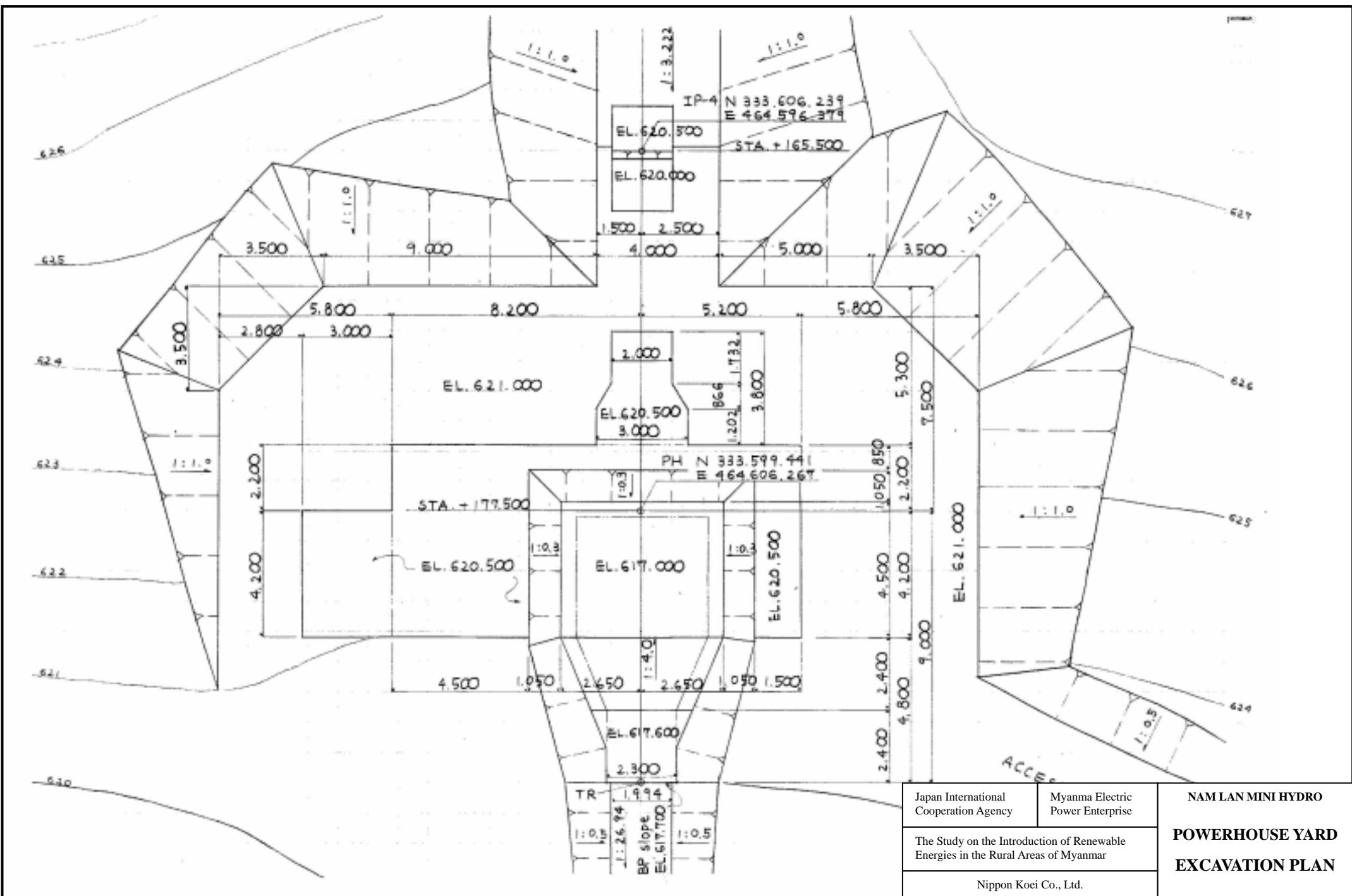
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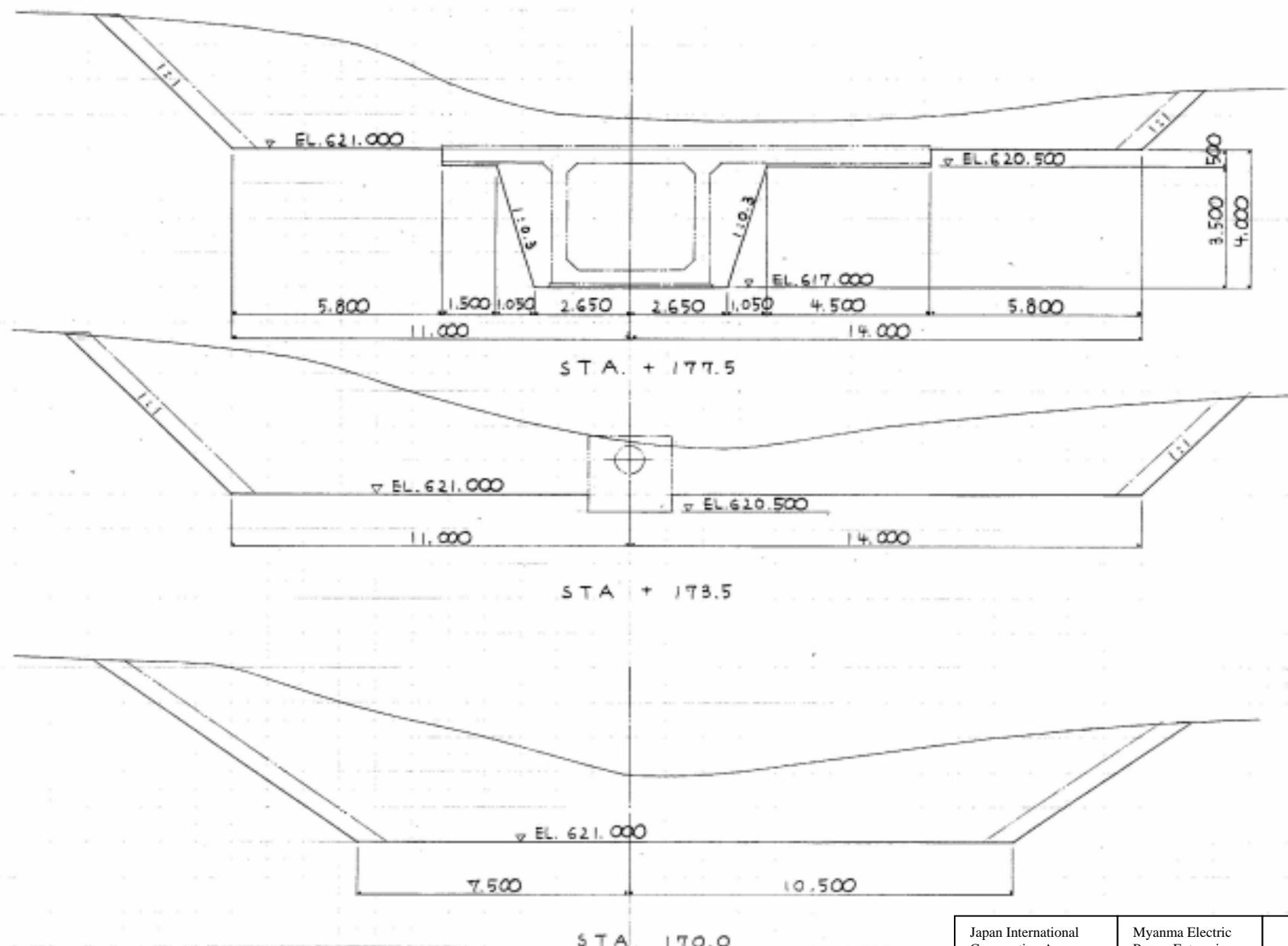
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NAM LAN MINI HYDRO

PENSTOCK
SADDLE







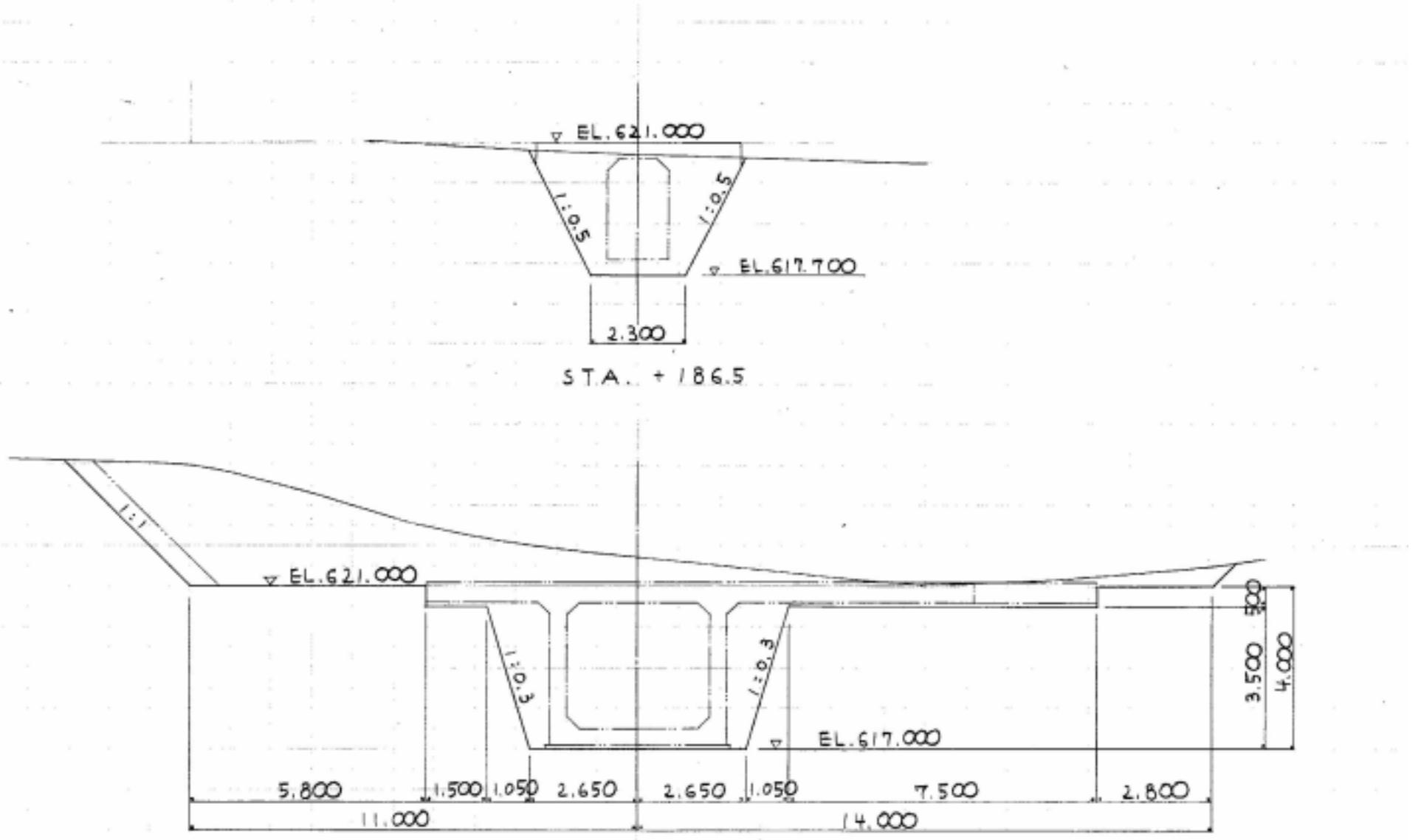
Japan International
Cooperation Agency

Myanma Electric
Power Enterprise

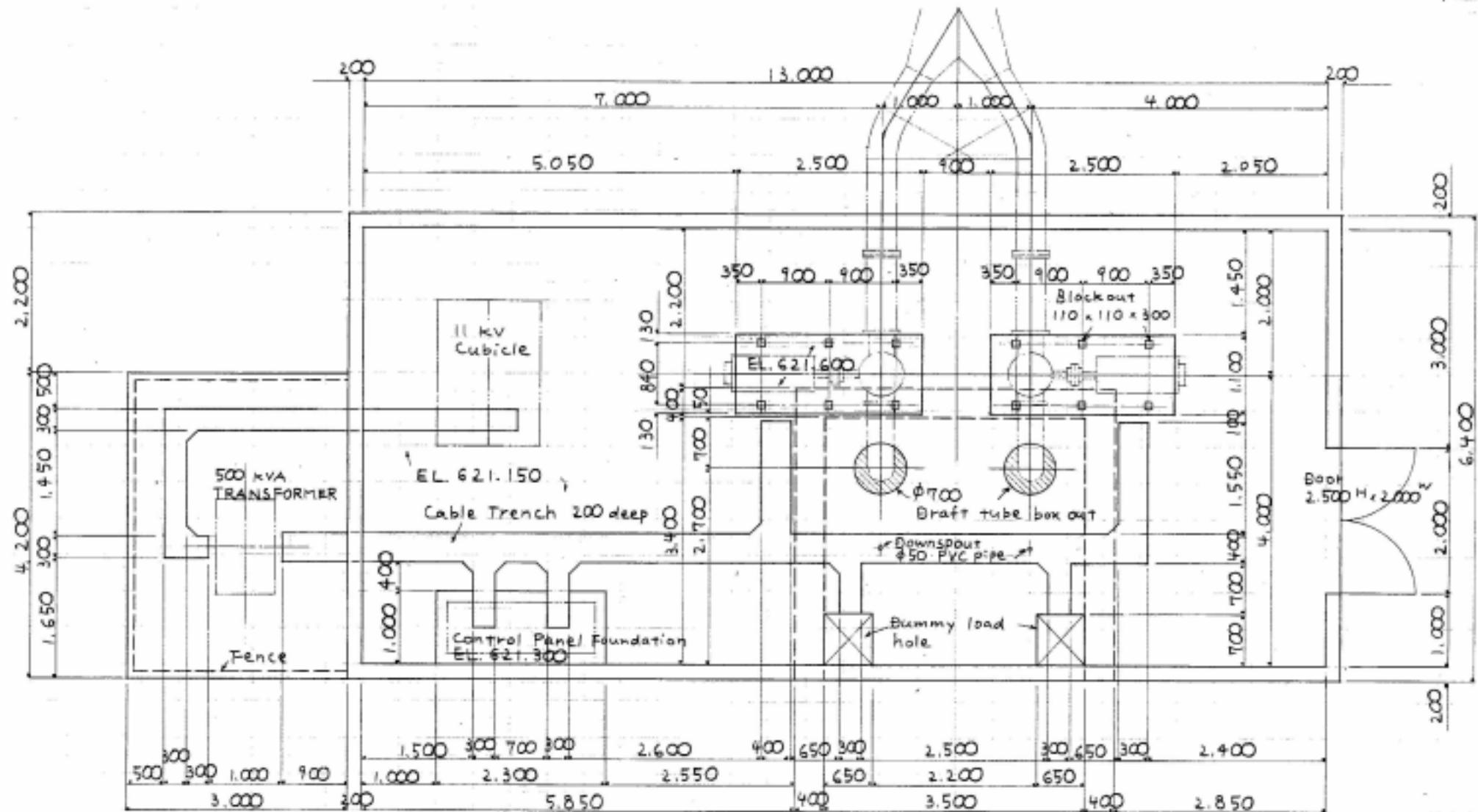
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**NAM LAN MINI HYDRO
POWERHOUSE YARD
SECTIONS (1/2)**



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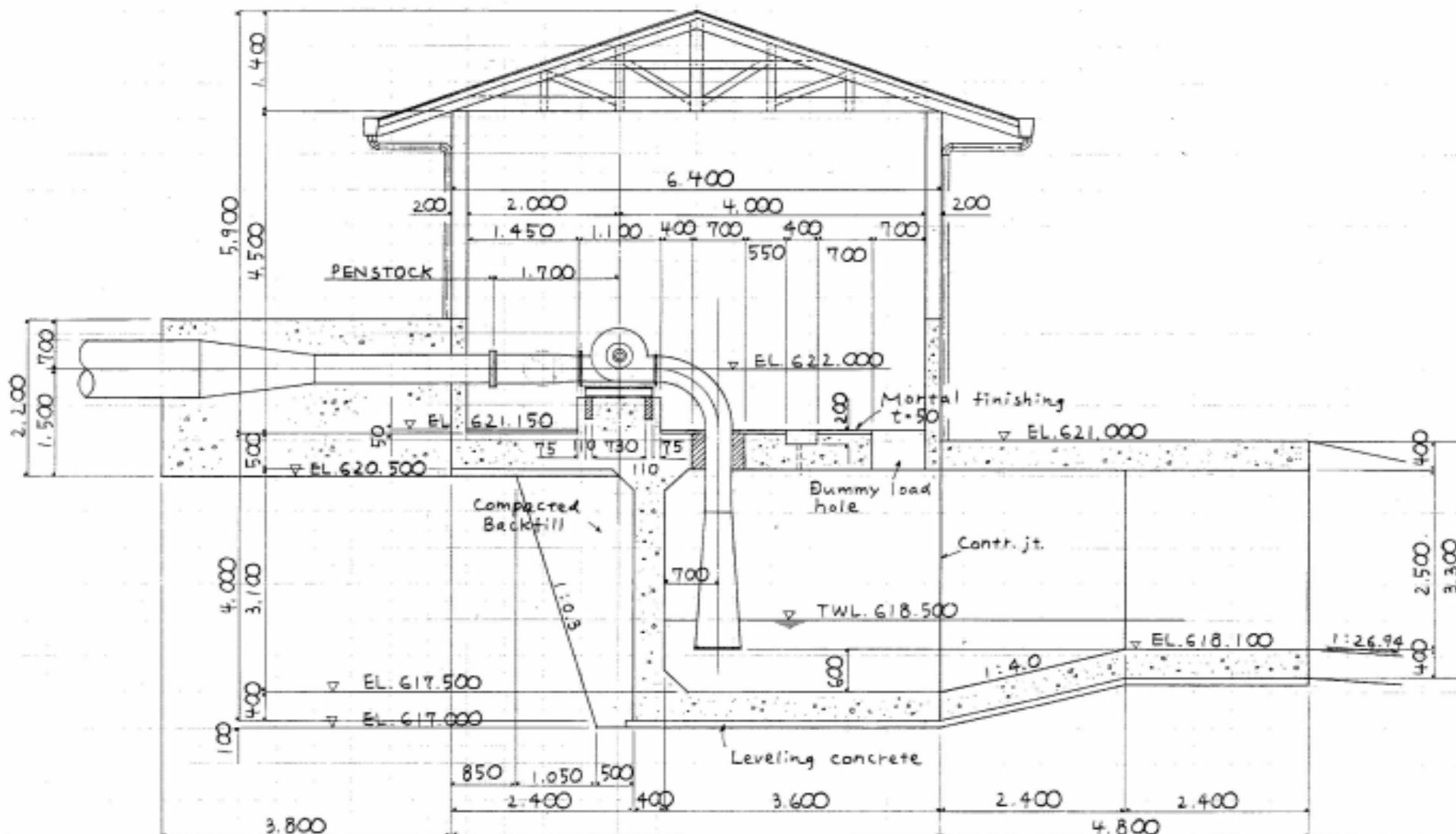
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Power Enterprise

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Energies in the Rural Areas of Myanmar

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NAM LAN MINI HYDRO
POWERHOUSE
FLOOR PLAN



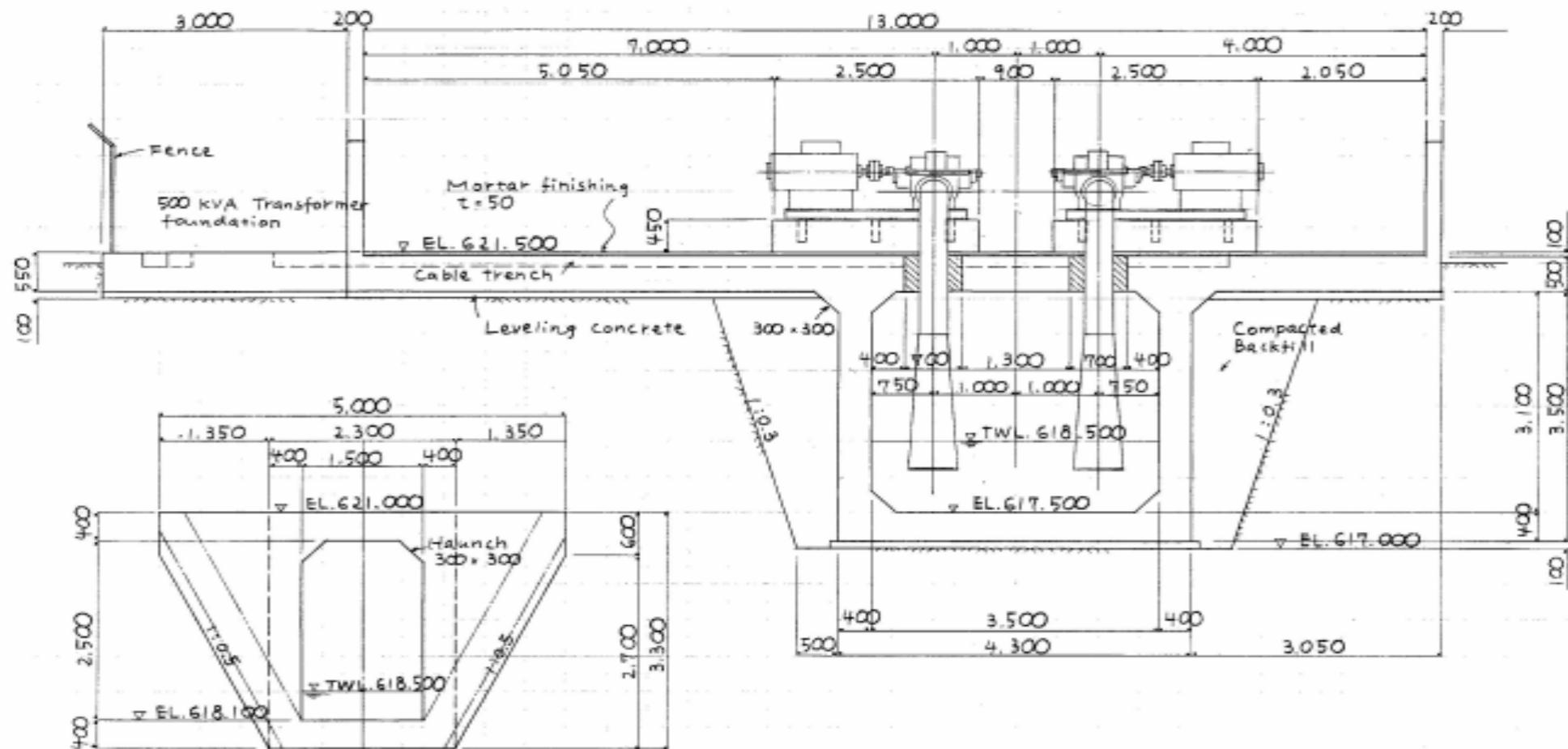
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**NAM LAN MINI HYDRO
POWERHOUSE
TRANSVERSE
SECTION**



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NAM LAN MINI HYDRO
POWERHOUSE
LONGITUDINAL
SECTION

BP + 200

EL.617.599
EL.617.199

BP + 240

EL.616.114
EL.615.714

BP + 280

EL.614.630
EL.614.130

BP + 190

1.500
1.994EL.617.970
EL.617.570

BP + 230

EL.616.486
EL.616.086

BP + 270

EL.615.001
EL.614.601

BP + 186.5

1.500
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EL.617.700

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EL.614.972

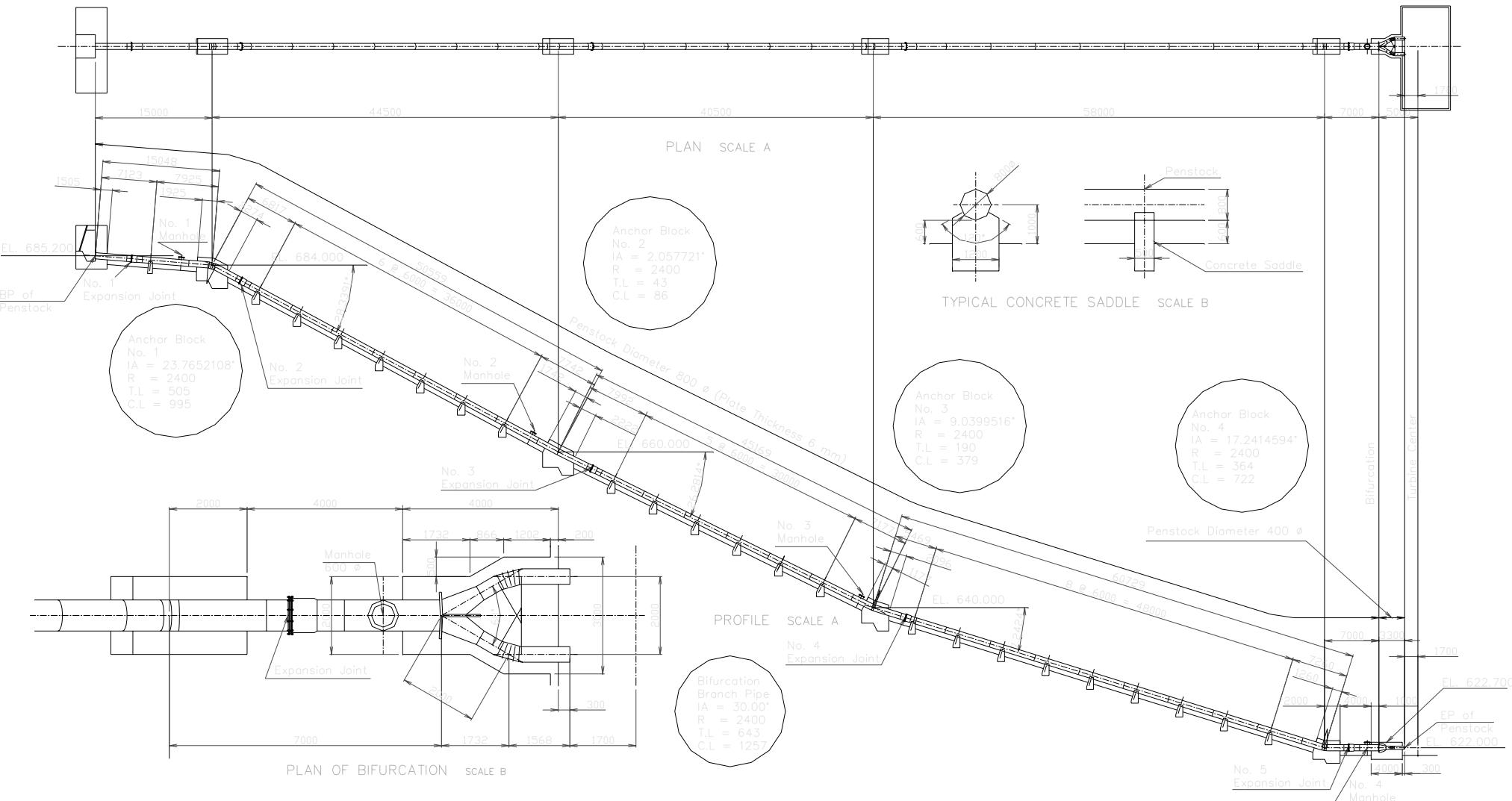
BP + 210

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Cooperation AgencyMyanma Electric
Power EnterpriseThe Study on the Introduction of Renewable
Energies in the Rural Areas of Myanmar

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**TAILRACE
SECTIONS**



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Cooperation Agency

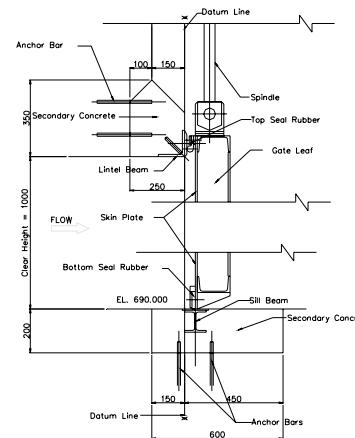
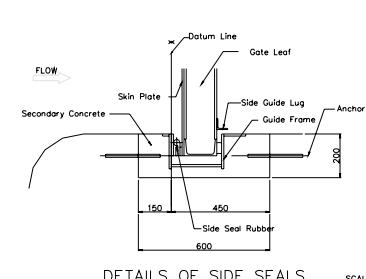
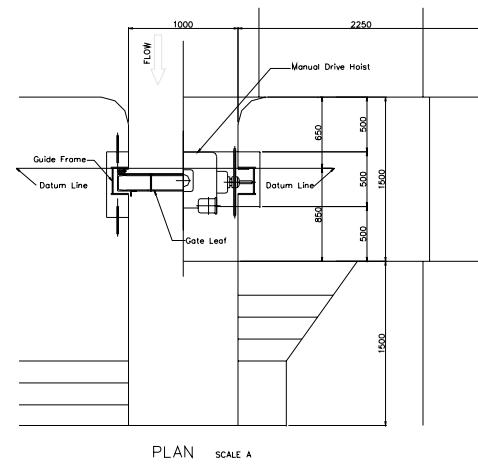
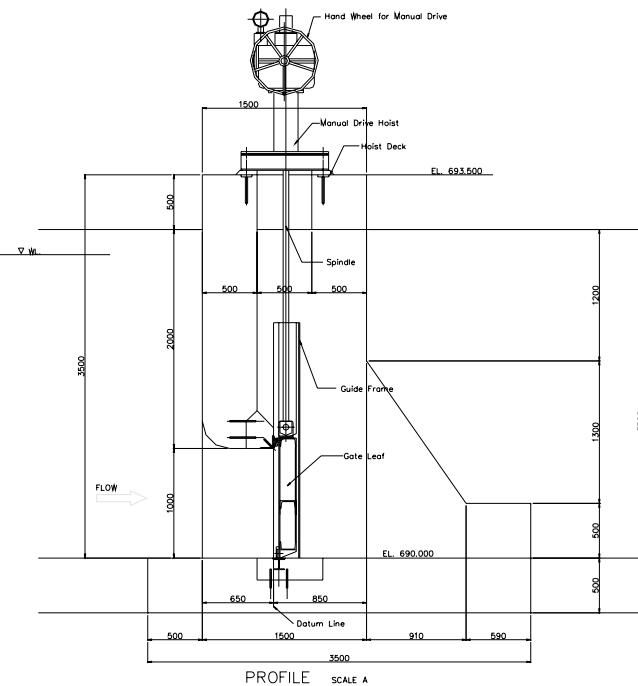
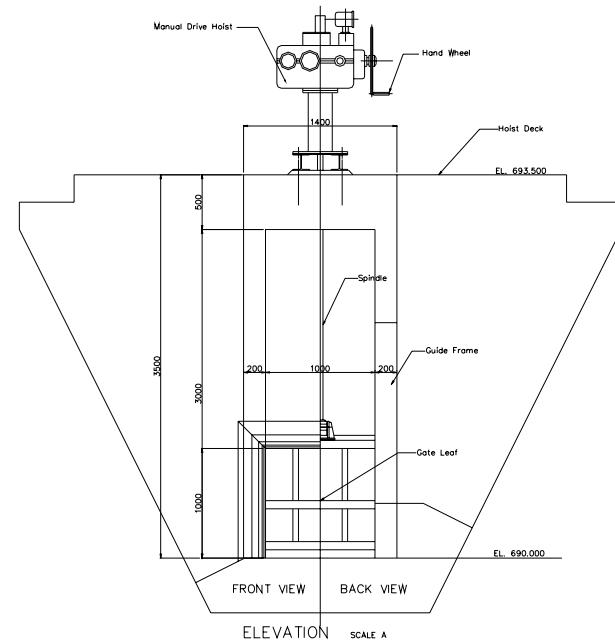
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Power Enterprise

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STEEL PENSTOCK



Japan International
Cooperation Agency

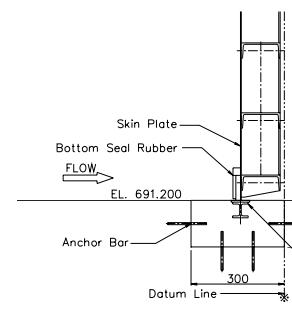
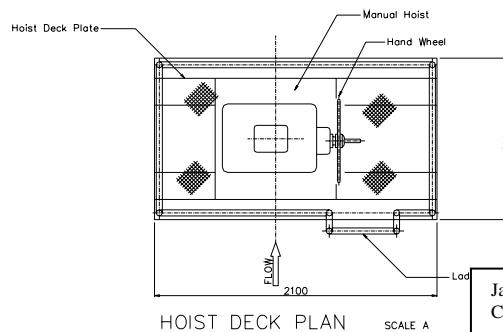
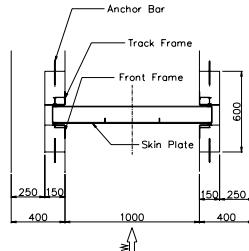
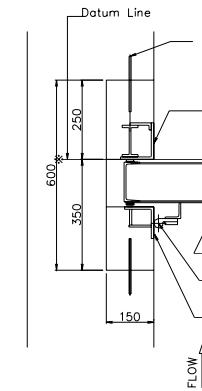
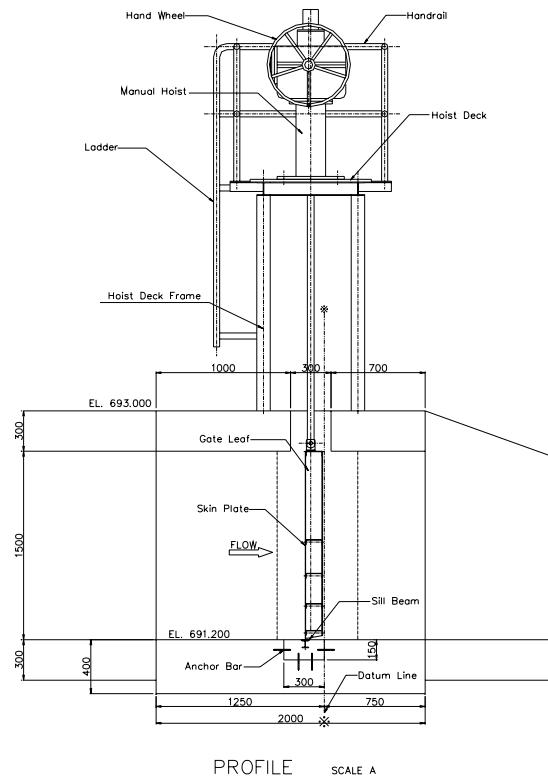
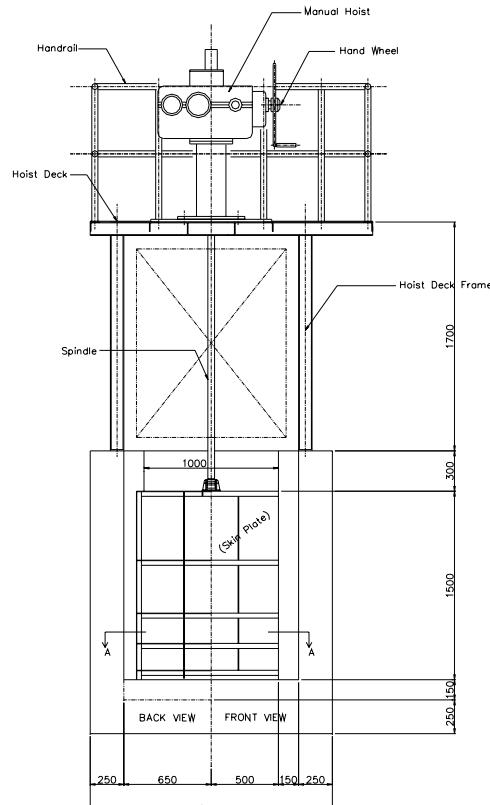
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Power Enterprise

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RIVER OUTLET



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Cooperation Agency

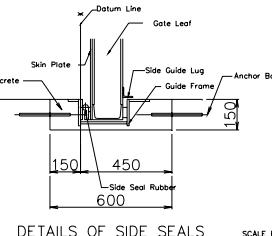
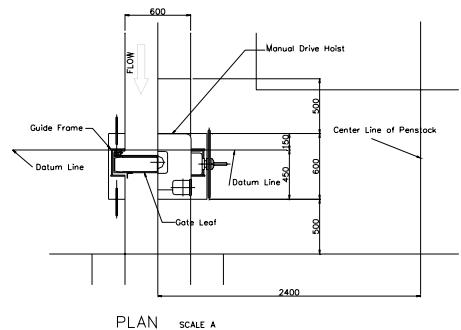
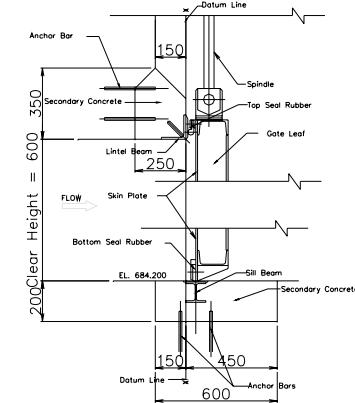
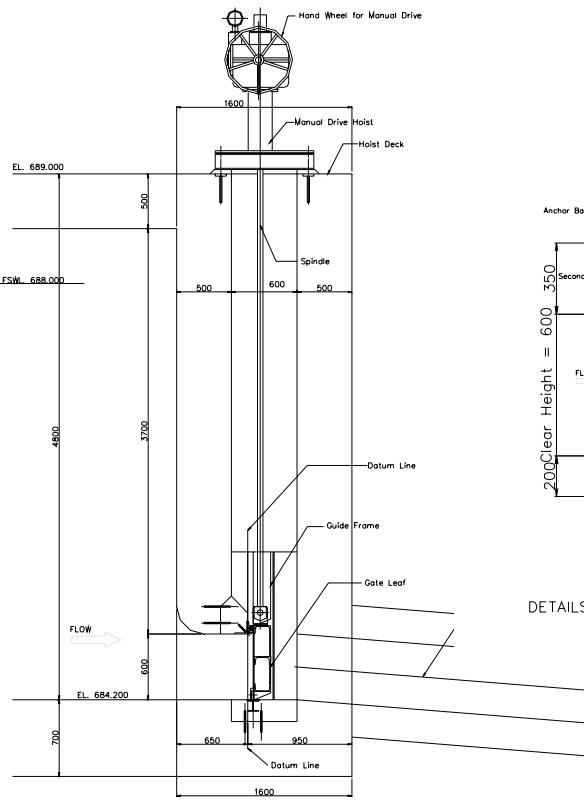
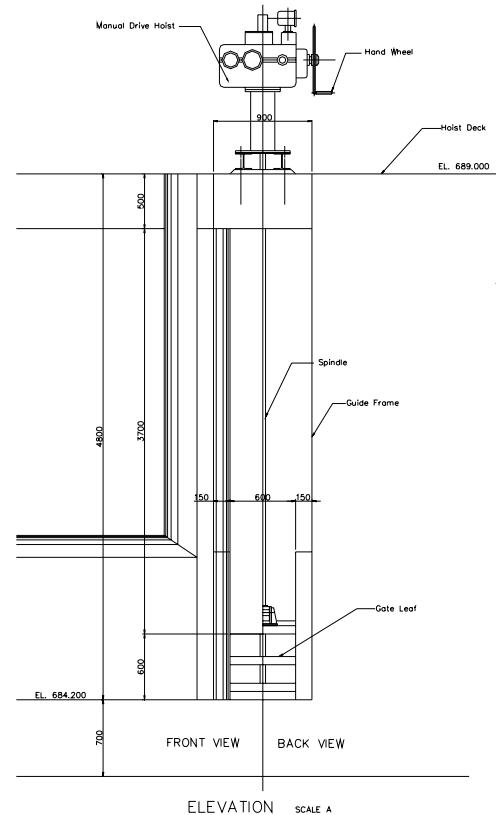
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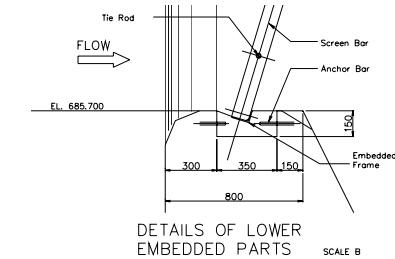
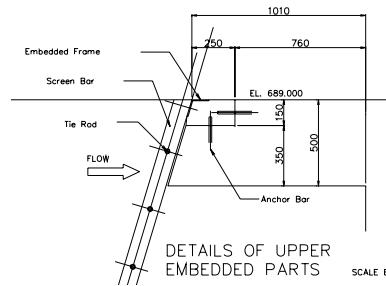
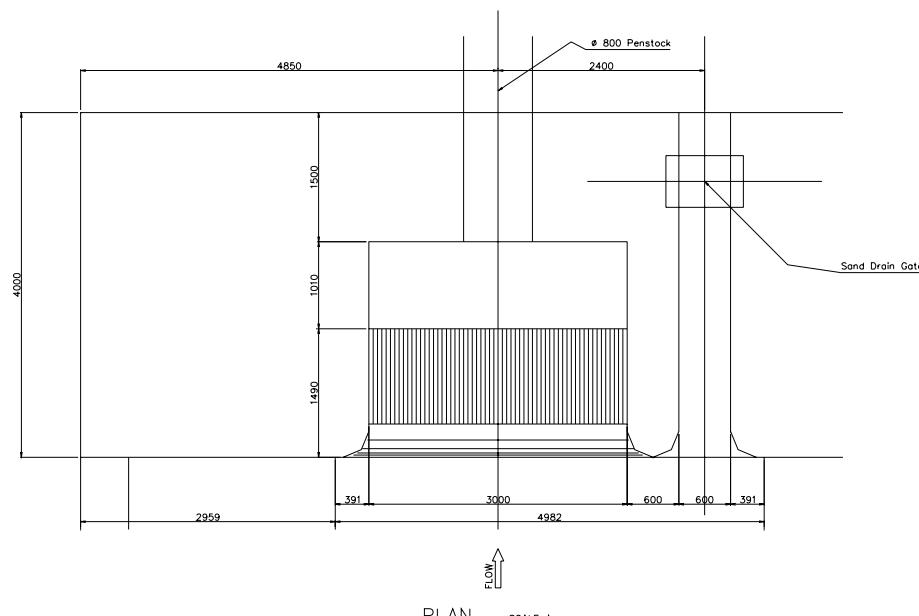
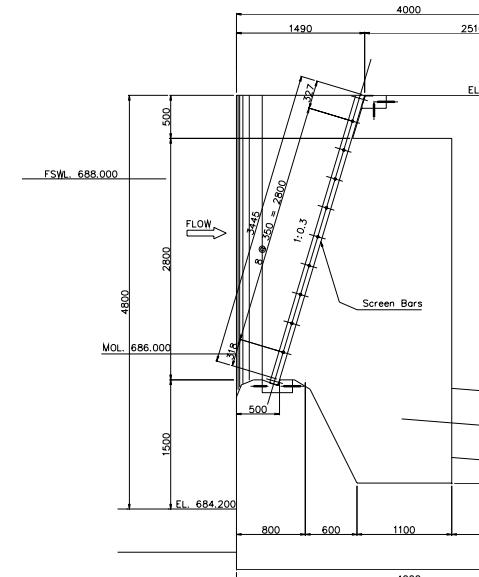
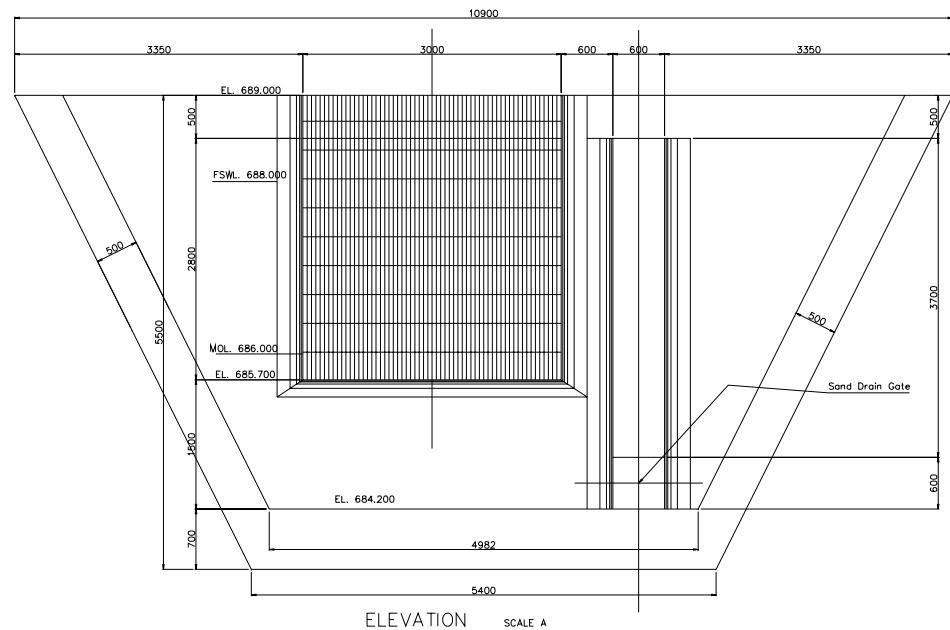
NAM LAN MINI HYDRO

INLET GATE



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Nippon Koei Co., Ltd.	

NAM LAN MINI HYDRO
SAND DRAIN GATE



Japan International
Cooperation Agency

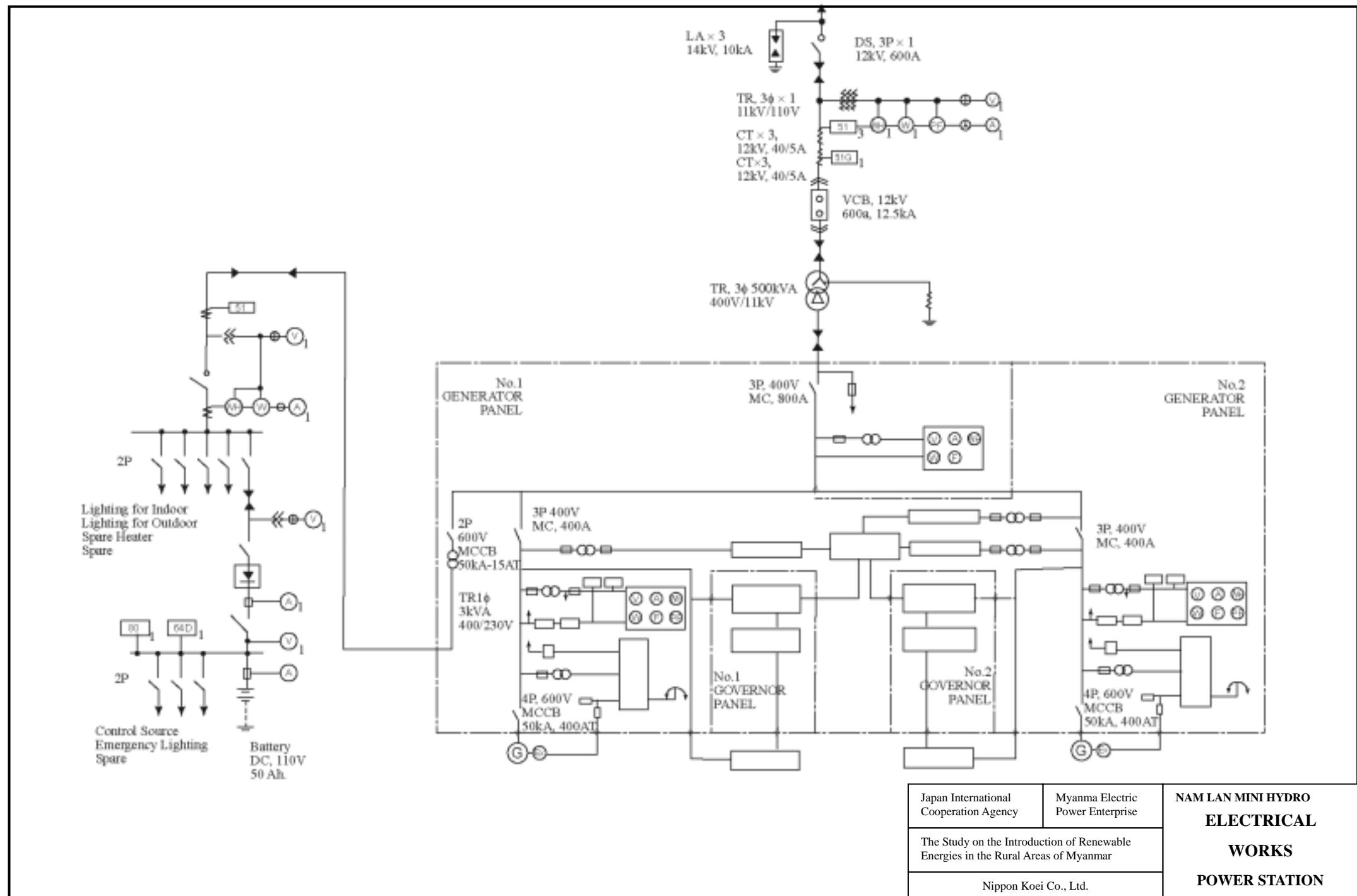
Myanma Electric
Power Enterprise

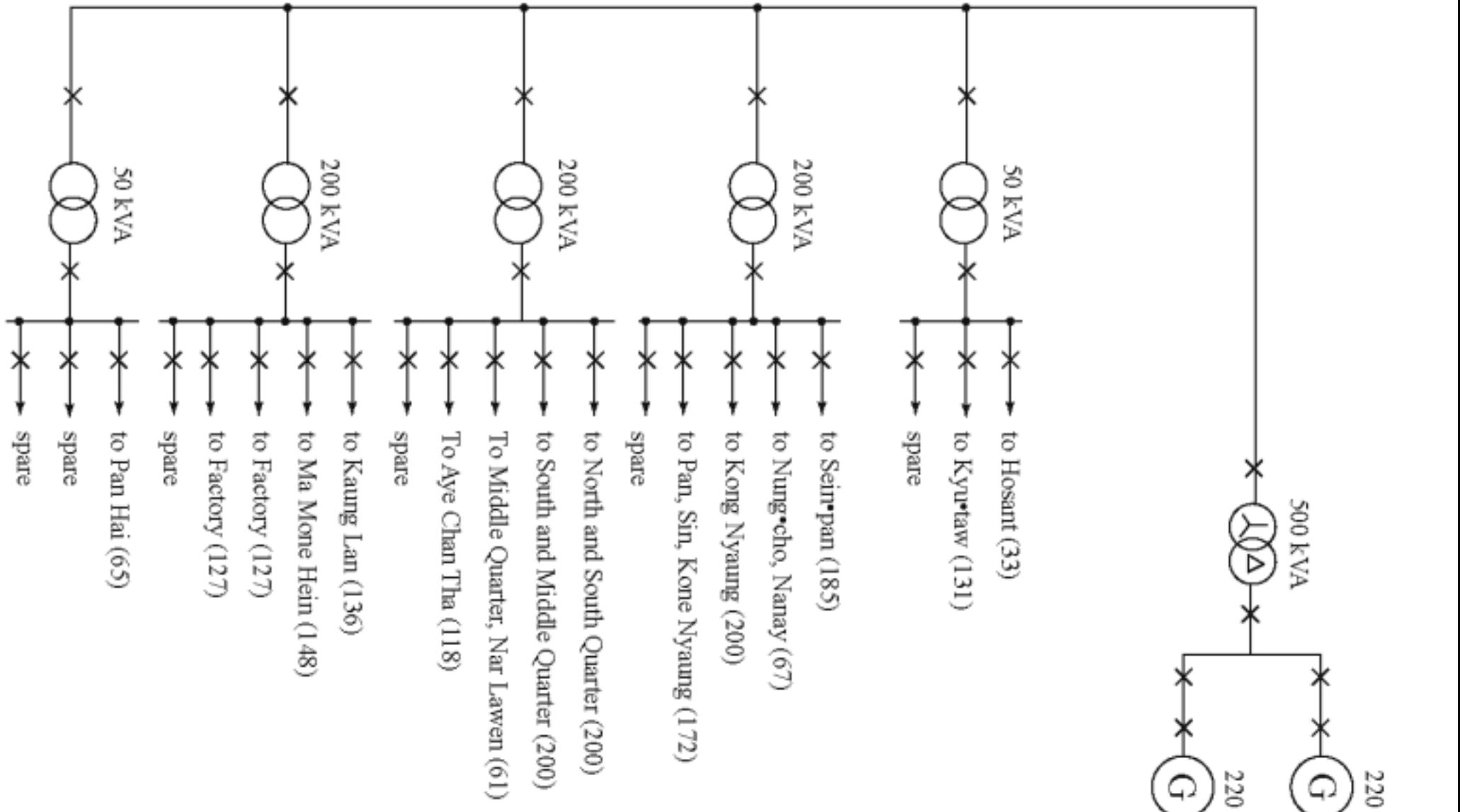
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TRASHRACK





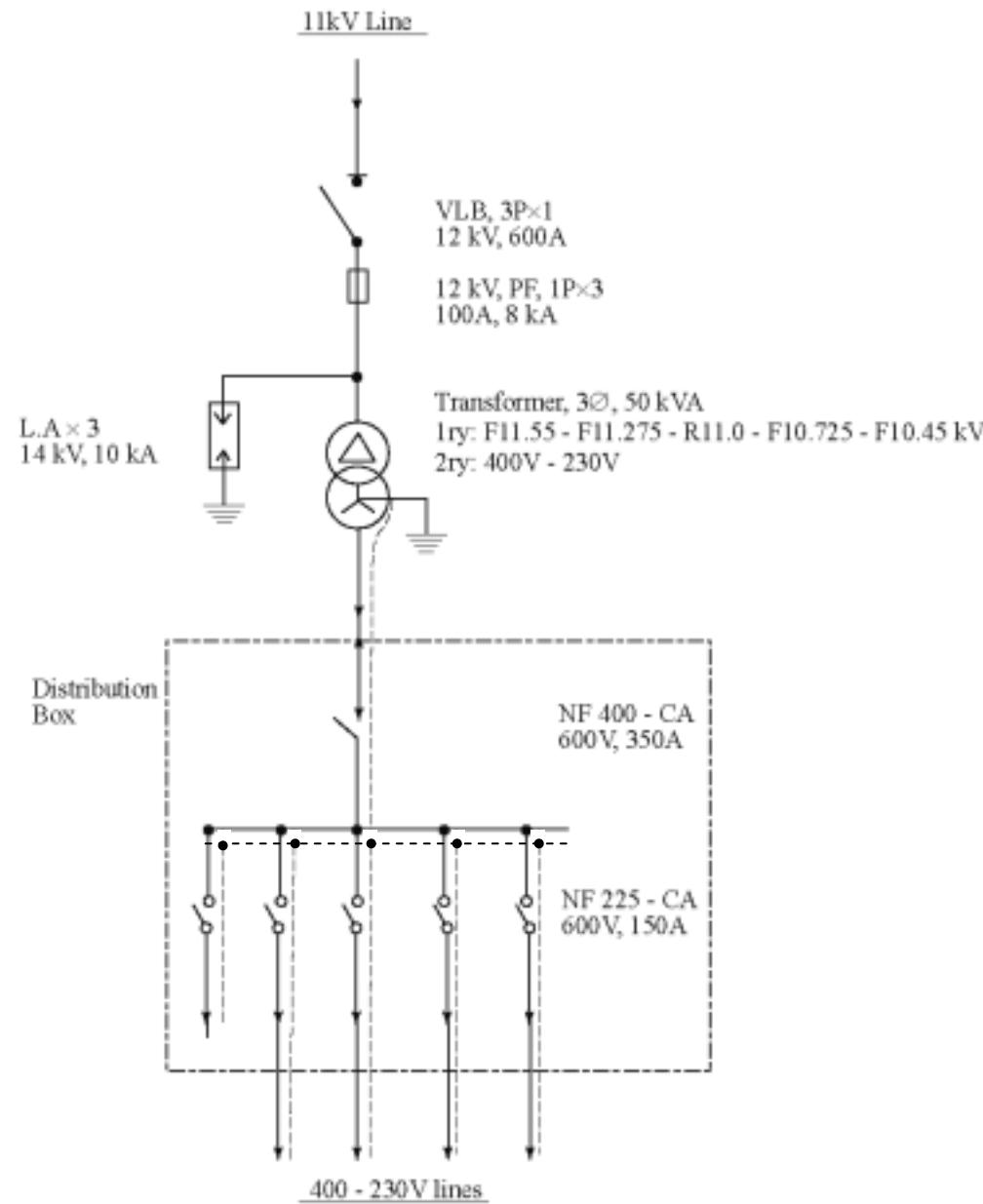
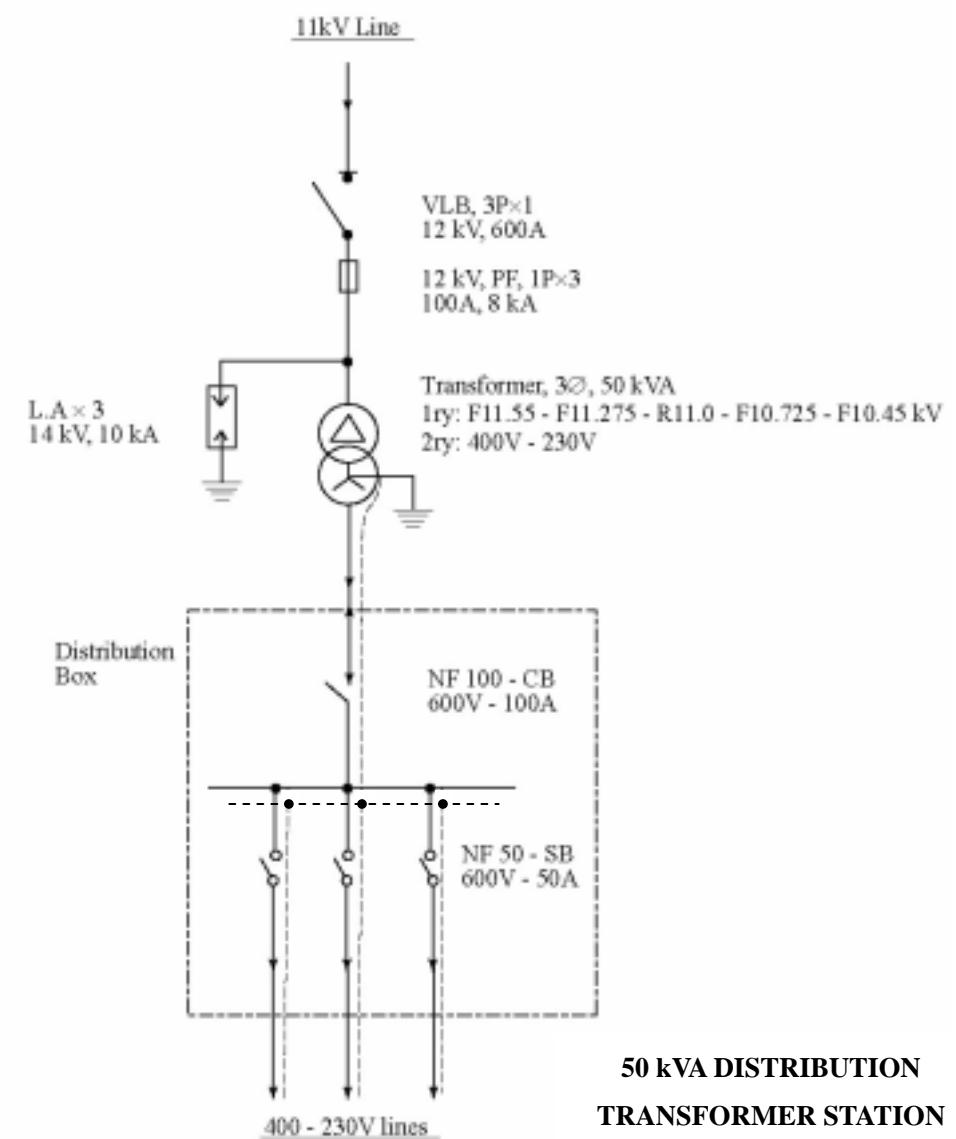
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Cooperation Agency

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Power Enterprise

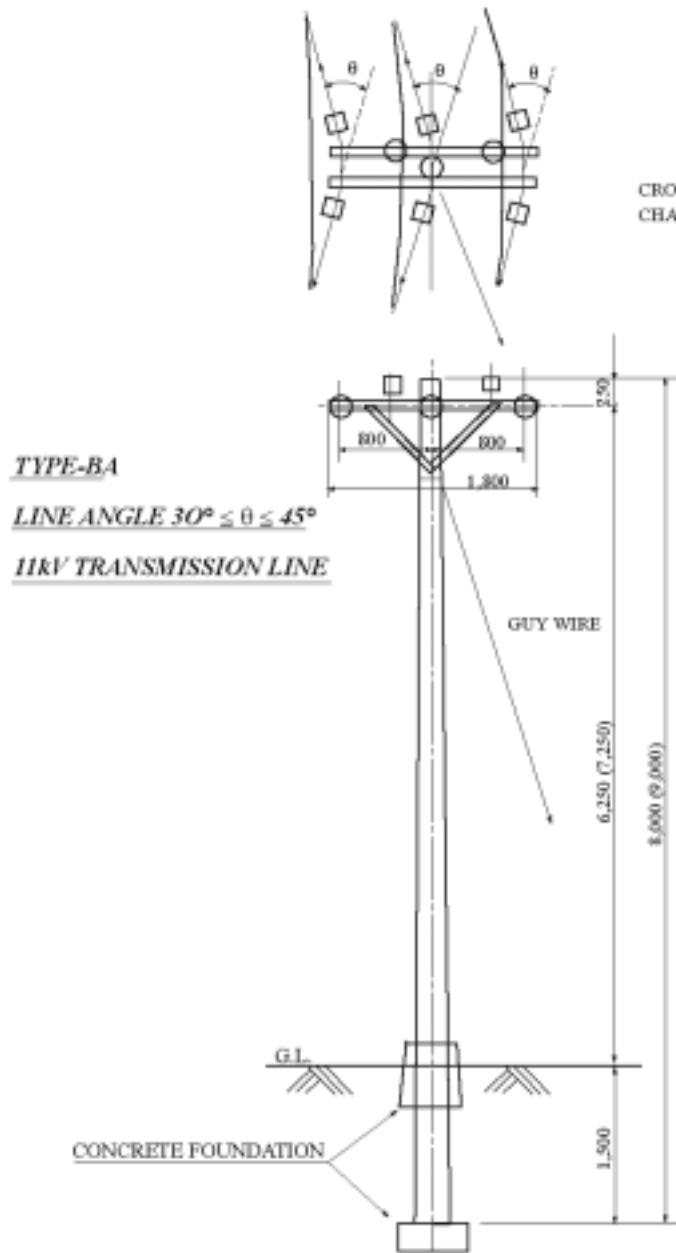
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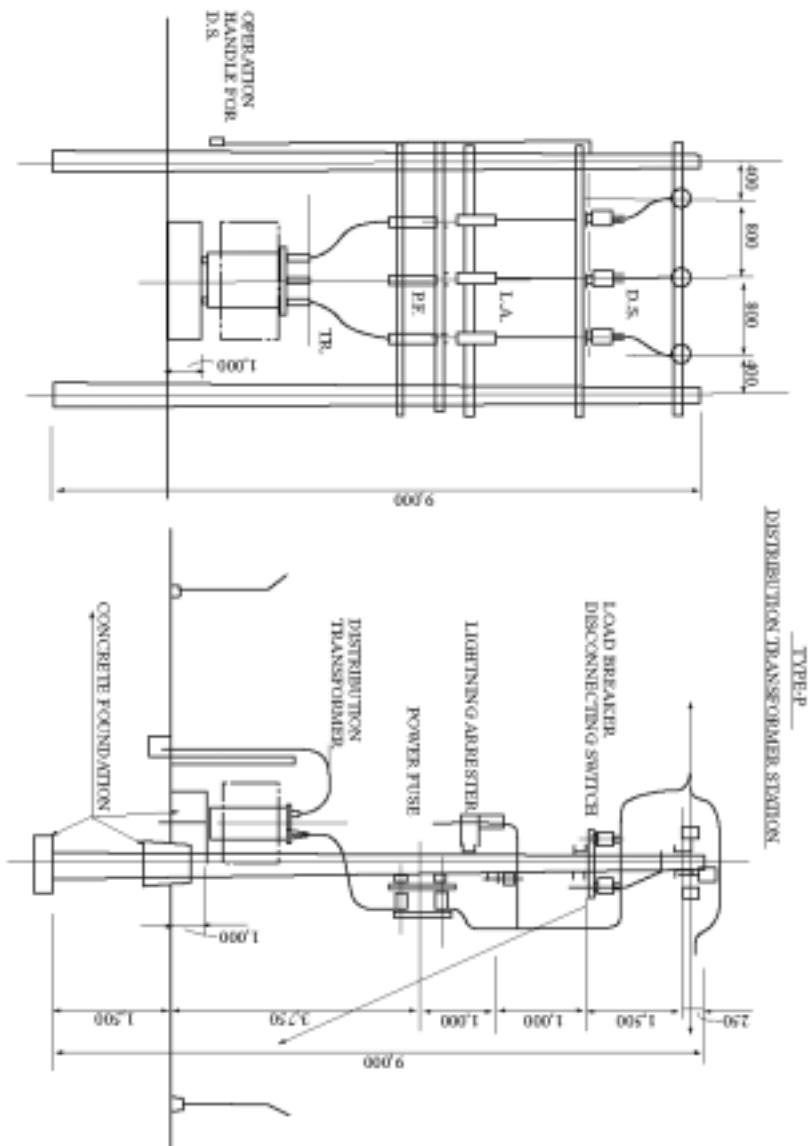
**NAM LAN MINI HYDRO
ELECTRICAL
WORKS
OUTLINE OF
DISTRIBUTION**

**200 kVA DISTRIBUTION TRANSFORMER STATION****50 kVA DISTRIBUTION TRANSFORMER STATION**

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**11 kV OVERHEAD LINE TYPE-BA**

**11 kV OVERHEAD LINE TYPE-A
WITH LOW TENSION LINES**



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**NAM LAN MINI HYDRO
ELECTRICAL WORKS
SUPPORT FOR
DISTRIBUTION LINE**