

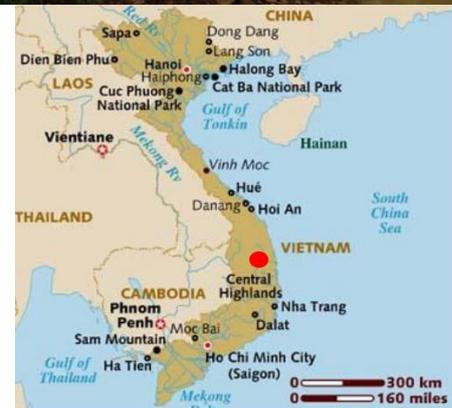
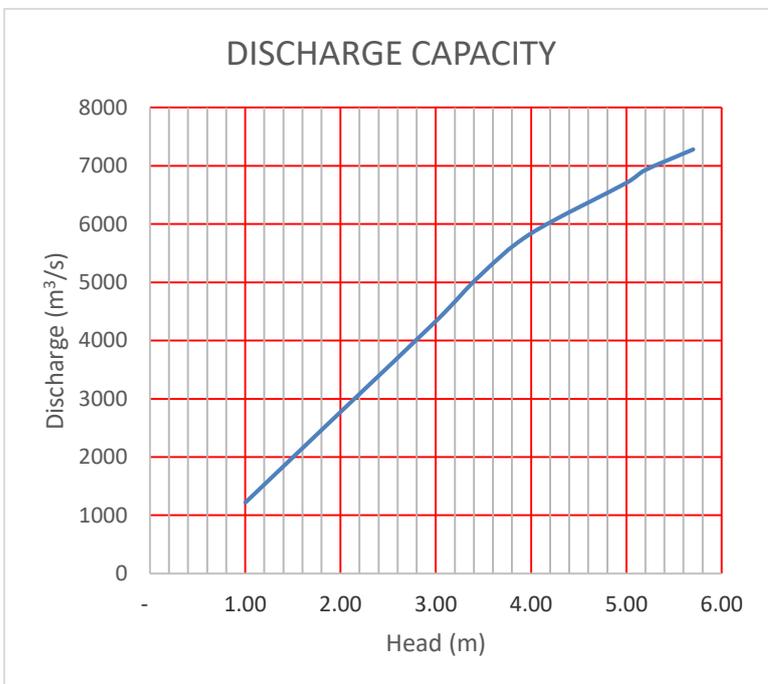
Dam's name:

**DA DANG 3**

PKW's year of construction:

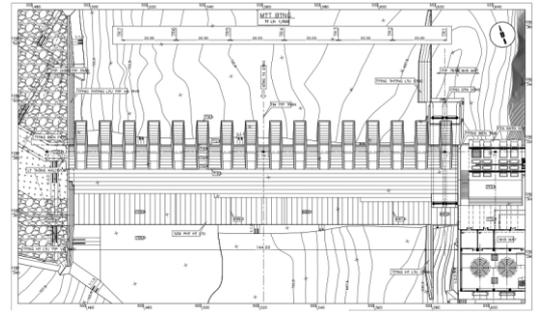
2016

11°40'03.8"N  
108°14'00.5"E

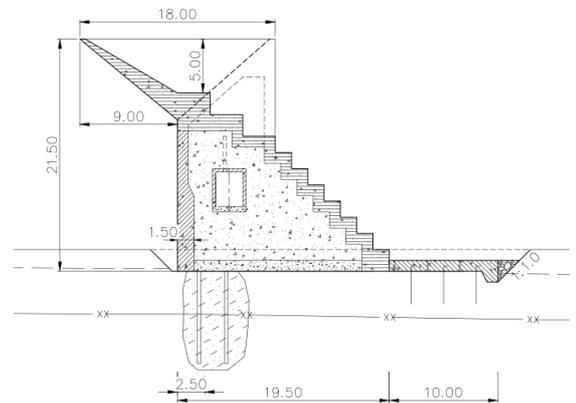


Country: Vietnam

<i>Progress of work :</i>	Built
<i>Dam's owner:</i>	MIEN DONG JOINT-STOCK COMPANY
<i>Consultant:</i>	East Asia Investment and Construction Consultant Joint Stock Company (EASIA)
<i>Contractor:</i>	Construction Joint Stock Company 43
<i>PKW location:</i>	On dam crest
<i>Downstream energy dissipation type:</i>	Downstream stepped face
<i>PKW purpose:</i>	Replace an alternative with a total gated spillway
<i>PKW discharge capacity at MWL (m3/s):</i>	7280
<i>Dam design flow (m3/s):</i>	7280
<i>Monitoring devices (Presence and type):</i>	No
<i>Aeration (type and diameter of the pipe):</i>	No
<i>Overflowing Frequency:</i>	-
<i>Number of overflow known:</i>	1
<i>Maximum head on PKW experienced (m) and date:</i>	
<i>Type and number of other spillway:</i>	
<i>Material of the PKW:</i>	Reinforced concrete
<i>B (m):</i>	18.00
<i>P (m):</i>	5
<i>W (m):</i>	144.0
<i>L (m):</i>	720
<i>Number of inlet:</i>	17
<i>W<sub>i</sub> (m):</i>	4.7
<i>Number of outlet:</i>	16
<i>W<sub>o</sub> (m):</i>	3.7
<i>T<sub>s</sub> (m):</i>	0.30-0.80
<i>PKW cost (k€)</i>	
<i>Total project cost (k€)</i>	



Plan view of the PKW



Cross-section view of the PKW

### Comments

- PKW Type B
- Relative large values for  $W_i$  and  $W_o$
- $T_s$  increasing from the crest to the bottom of the sidewalls