



香港特別行政區政府 The Government of the Hong Kong Special Administrative Region

渠務署 Drainage Services Department

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21 April 2008

Clerk to Public Works Subcommittee
Legislative Council Secretariat
Legislative Council Building
8 Jackson Road, Central
Hong Kong

(Attn: Mr Anthony CHU)

Dear Mr CHU,

**Public Works Subcommittee
Follow-up to Meeting on 20 February 2008**

Supplementary Information Pertaining to PWSC(2007-08)84

We refer to your letter referenced CB1/F/2/6(II) of 25 February 2008 to the Secretary for Financial Services and the Treasury.

In considering the paper referenced PWSC(2007-08)84 on 108CD "West Kowloon drainage improvement – Lai Chi Kok Transfer Scheme", a Member requested the Administration to provide the following information –

- (a) a layout plan showing how the proposed Lai Chi Kok drainage tunnel would intercept the potential overflow from the Kowloon group of reservoirs (i.e. Kowloon Reservoir, Shek Lei Pui Reservoir, Kowloon Reception Reservoir and Kowloon Byewash Reservoir) for flood control for West Kowloon;
- (b) a typical section of the proposed drainage tunnel and the connection adits; and
- (c) to illustrate how the capital cost was estimated by providing breakdown of the construction costs for the proposed drainage tunnel, the intakes and adits, and the stilling basin and outfall structure.

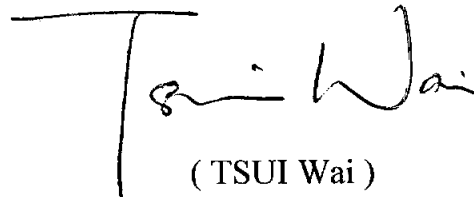
我們的抱負是提供世界級的污水和雨水處理排放服務，以促進香港的可持續發展。

Our mission is to provide world-class wastewater and stormwater drainage services enabling the sustainable development of Hong Kong.



The requested information on the layout plan, typical section and the breakdown of construction costs are included in **Annexes 1, 2 and 3** respectively for Members' reference.

Yours sincerely,

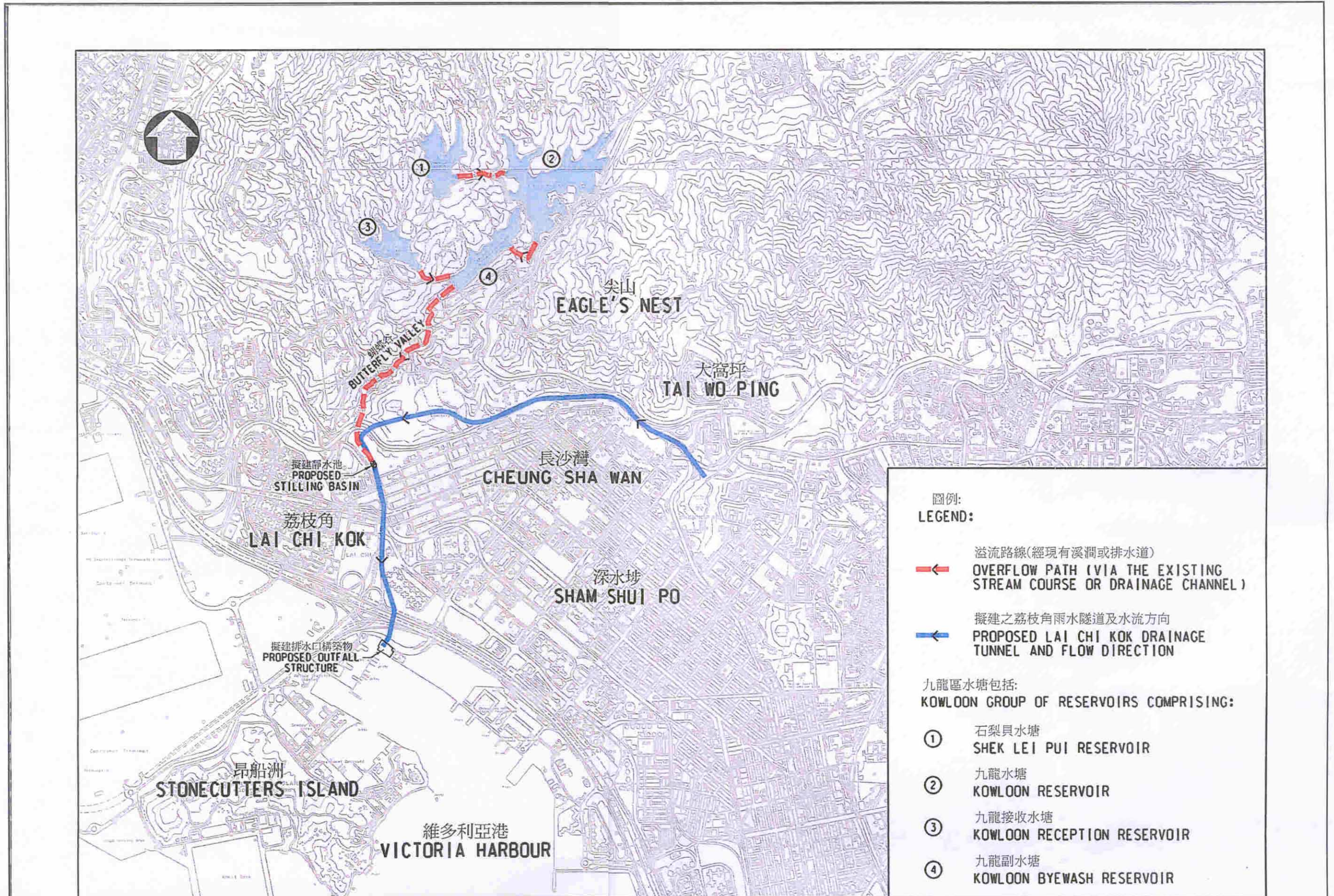
A handwritten signature in black ink, appearing to read "Tsui Wai". The signature is written in a cursive style with a vertical line on the left side.

(TSUI Wai)
for Director of Drainage Services

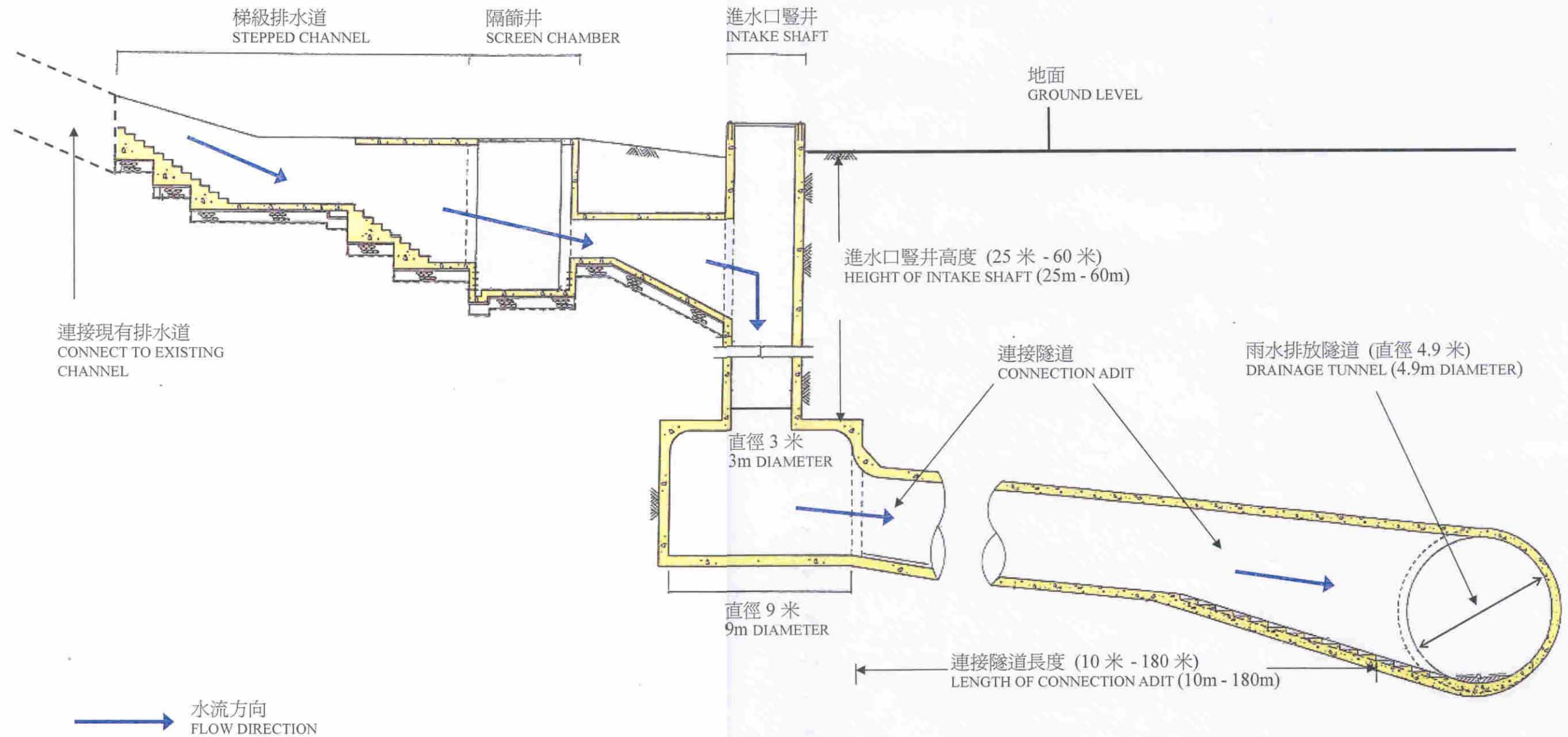
c.c.	SFST	(Attn.: Mr Davey CHUNG)	(Fax.: 2147 5240)
	SDEV	(Attn.: Ms Fiona YEUNG)	(Fax.: 2521 0497)

擬建雨水隧道及九龍區水塘的溢流路線 - 平面圖

Proposed Drainage Tunnel and Overflow Path from the Kowloon Group of Reservoirs - Layout Plan



擬建雨水排放隧道及連接隧道 - 典型切面圖
Proposed Drainage Tunnel and Connection Adit - Typical Section



**Cost Breakdown for the Proposed Drainage Tunnel,
Intakes and Adits, and the Stilling Basin and Outfall Structure**

		\$ million (in September 2007 prices)	
I	<u>Drainage Tunnel</u>		765.3
	(i) Site clearance, temporary site office for the site supervision team and the contractor, third party insurance, temporary traffic arrangement measures, reimbursement of mandatory provident fund contributions and other general requirements	122.9	
	(ii) Construction works		
	(a) tunnel excavation	483.7	
	(b) lining installation	158.7	
II	<u>Intakes and Adits</u>		266.6
	(i) Site clearance, temporary site office for the site supervision team and the contractor, third party insurance, temporary traffic arrangement measures, reimbursement of mandatory provident fund contributions and other general requirements	42.8	
	(ii) Construction works		
	(a) intakes	129.4	
	(b) adits	24.9	
	(c) shafts	69.5	
III	<u>Stilling Basin and Outfall Structure</u>		319.7
	(i) Site clearance, temporary site office for the site supervision team and the contractor, third party insurance, temporary traffic arrangement measures, reimbursement of mandatory provident fund contributions and other general requirements	51.4	
	(ii) Construction works		
	(a) stilling basin	111.4	
	(b) maintenance access and adit	105.1	
	(c) outfall structure	51.8	
		<hr/>	
		Total	1351.6
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