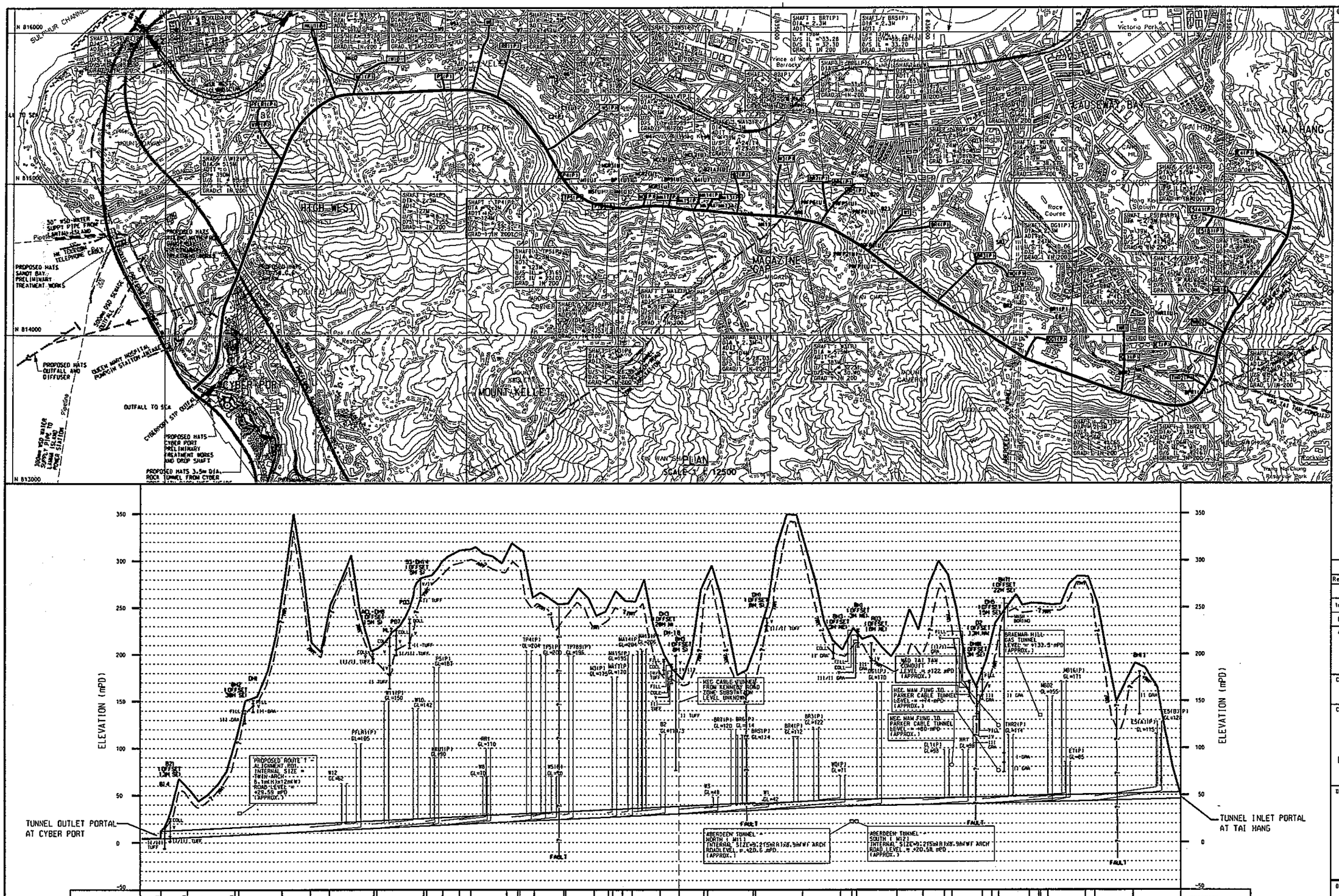
© Copyright by Black & Veatch Hong Kong Limited and Government of HKSAR

NOTES :

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH DRAWING NO. 382403/5/116.
2. MAP DATA REPRODUCED WITH PERMISSION OF THE DIRECTOR OF LANDS (c) HONG KONG.
3. THE PRELIMINARY SIZE FOR ALL ADITS ARE 2.3m DIAMETER.

LEGEND :

- PROPOSED TUNNEL ALIGNMENT OPTIONS
- W3 — PROPOSED SHAFT (W3)LOCATION
- W3(P) — PREFERRED SHAFT LOCATION (W3)
- W3(a) — POTENTIAL LOCATION FOR SHAFT (W3) BUT UNLIKELY TO BE ADOPTED
- W3 — SHAFT CONNECTION TO TUNNEL



CHAINAGE	GROUND LEVEL	INVERT LEVEL	TUNNEL SLOPE	TUNNEL SIZE
10784	4	4.00	1 IN 207.8 (APPROX.)	8.00m DIA.
10500	56			
10000	113			
9960	125	7.966		
9500	350			
9200	224	11.63		
9000	253			
8530	218	14.85		
8500	225			
8000	282			
7970	288	17.55		
7800	248	18.37		
7620	105	19.23		
7500	314			
7120	101	21.64		
7000	310	22.31		
6980	205	23.03		
6838	265			
6520	254	24.53		
6500	256			
6200	242	26.06		
6049	257	26.79		
6000	260			
5900	258	27.51		
5800	255	27.99		
5500	199			
5300	173	30.40		
5033	186	31.65		
5000	256			
4920	205	34.15		
4500	212			
4000	316			
3500	205	38.517		
3180	223	39.825		
3100	201	39.925		
3000	212		1 IN 485	6.81m DIA.
2710	260	40.37		
2500	284			
2420	260	41.01		
2100	182	41.67		
2000	235			
1920	240	42.031		
1600	257	42.70		
1500	256			
1480	253	42.928		
1400	256	43.17		
1000	285			
500	260	44.14		
500	190			
0	49	45.00		

LONGITUDINAL PROFILE
VERT.SCALE 1 : 2000
HORZ.SCALE 1 : 20000

Revision	Date	Description			Initial
A	04/03	KCRC's SCL ADDED			MSF
		Designed	Checked	Drawn	Checked
Initial		MSF	DCA	JT	MSF
Date		02/03	02/03	02/03	02/03

Approved

Contract no.
CE 25/2002 (DS)

Contract title
DRAINAGE IMPROVEMENT IN NORTHERN HONG KONG ISLAND - HONG KONG WEST
DRAINAGE TUNNEL AND LOWER CATCHMENT IMPROVEMENT - INVESTIGATION

Drawing title
HORIZONTAL AND VERTICAL ALIGNMENT OF THE TUNNEL

Drawing no.
FIGURE 2.2

Scale
AS SHOWN

香港特別行政區政府渠務署
THE GOVERNMENT OF THE HONG KONG SPECIAL ADMINISTRATIVE REGION DRAINAGE SERVICES DEPARTMENT

BLACK & VEATCH HONG KONG LIMITED
博威工程顧問有限公司