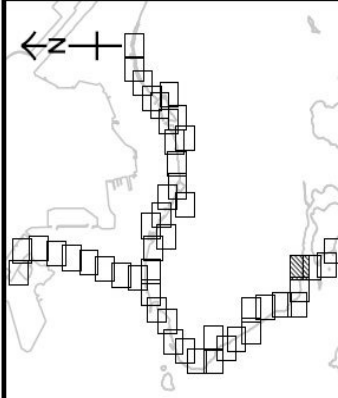


• Control Blasting Zone = Volume of explosive used within this zone is limited to specified value.

• Calculated Max. Charge Weight per delay = Max. volume of explosives used for blasthole(s), which are connected to the same delay detonator under same instance explosion.

• The control blasting zone and calculated max. charge weight per delay are determined by the allowable PPV 5mm/s proposed for HKCG.

TUNNEL P CHAINAGE (M)	TRUE DISTANCE (m)	CALCULATED MAX. CHARGE WEIGHT PER DELAY (KG)
P 0.000 to P 10.000	81.5	2.31
P 10.000 to P 20.000	75.0	1.96
P 20.000 to P 30.000	68.8	1.64
P 30.000 to P 40.000	63.6	1.41
P 40.000 to P 50.000	58.3	1.18
P 50.000 to P 60.000	54.6	1.04
P 60.000 to P 70.000	51.0	0.90
P 70.000 to P 80.000	48.9	0.83
P 80.000 to P 90.000	47.8	0.79
P 90.000 to P 100.000	47.8	0.79
P 100.000 to P 110.000	48.9	0.80
P 110.000 to P 120.000	50.1	0.84
P 120.000 to P 130.000	53.5	0.92
P 130.000 to P 140.000	58.3	1.06
P 140.000 to P 150.000	64.4	1.26
P 150.000 to P 160.000	71.1	1.54
P 160.000 to P 170.000	77.4	1.87
P 170.000 to P 180.000	85.8	2.26
P 180.000 to P 190.000	93.5	2.77
P 190.000 to P 200.000	102.4	3.28
P 200.000 to P 210.000	110.6	3.91
P 210.000 to P 220.000	120.7	4.61
P 220.000 to P 230.000	130.0	5.38
P 230.000 to P 240.000	138.5	6.31



KEY PLAN
SCALE 1 : 100000

NOTES:

1. ASSUME ROCKHEAD TO BE +5MPD REFER TO EXISTING BOREHOLE INFORMATION
2. ASSUME 5m ROCK SOCKET LENGTH AND HENCE BOTTOM OF FOUNDATION OF TOWN GAS ABERDEEN DEPOT TO BE -20MPD
3. 5mm/s PPV IS ADOPTED FOR CONTROL BLASTING DETERMINATION

DRAINAGE SERVICES DEPARTMENT	DRGNO. 51406/SK001
HARBOUR AREA TREATMENT SCHEME DIVISION	Metcalf & Eddy - Maunsell Joint Venture
HARBOUR AREA TREATMENT SCHEME STAGE 2A	SEWAGE CONVEYANCE SYSTEM
優化海邊計劃第2期甲	污水輸送系統
CONTROL BLASTING ADJACENT TO TOWN GAS ABERDEEN DEPOT	
MAUNSELL AECOM	
DRGNO. 51406/SK001	圖紙編號
DATE: CE 34/2005	日期
SCALE: 1:1000	比例尺
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	AGREEMENT NO. CE 43/2005 (EP)	SCALE	N. T. S.	DATE	May 2008
	HARBOUR AREA TREATMENT SCHEME (HATS) STAGE 2A ENVIRONMENTAL IMPACT ASSESSMENT STUDY - INVESTIGATION	CHECK	BKAY	DRAWN	---
CONTROL BLASTING ADJACENT TO HKCG GAS HOLDER	JOB NO.	60017198	DRAWING No.	14A.12	Rev