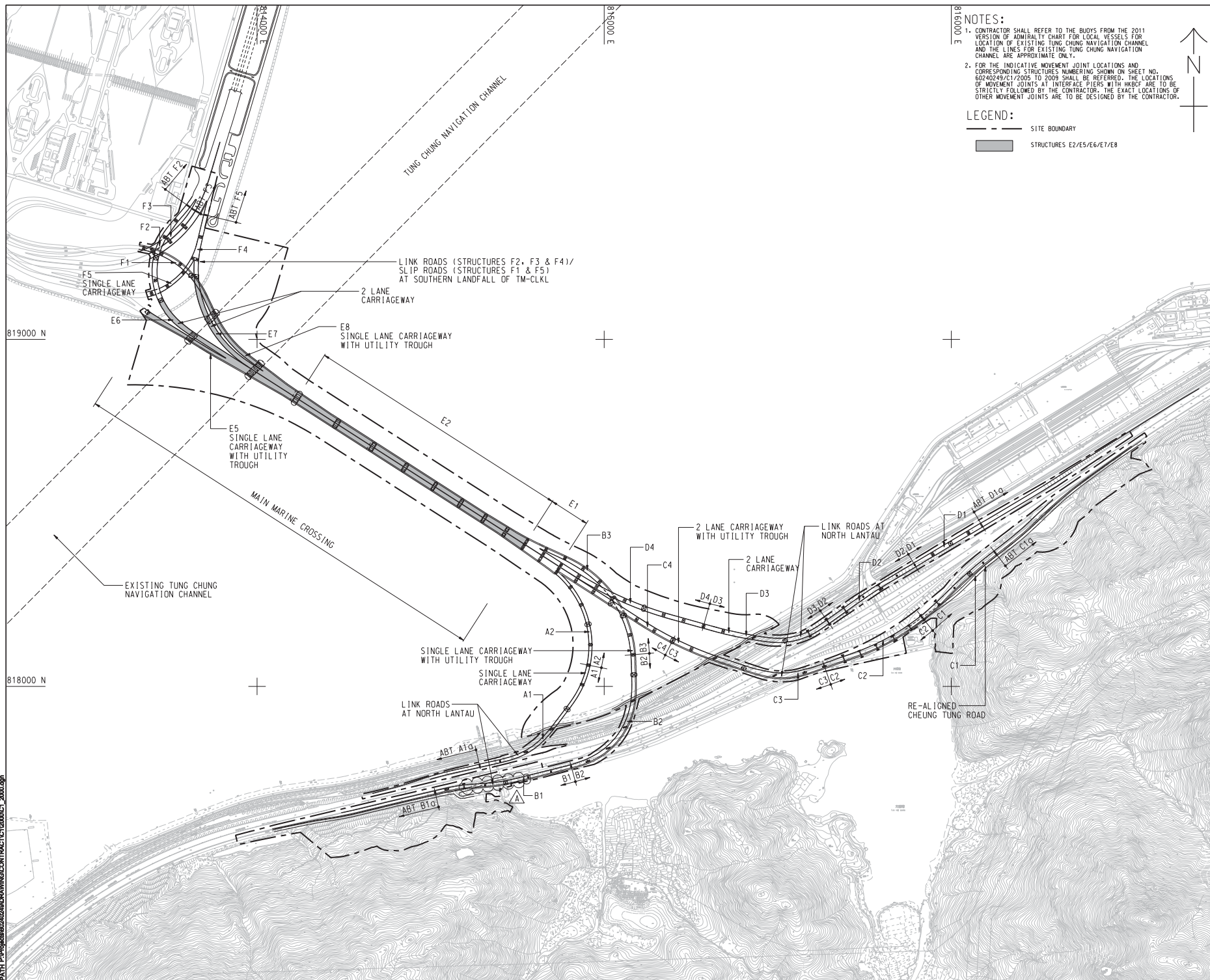




NOTES:

1. CONTRACTOR SHALL REFER TO THE BUDYS FROM THE 2011 VERSION OF ADMIRALTY CHART FOR LOCAL VESSELS FOR LINES OF EXISTING TUNG CHUNG NAVIGATION CHANNEL AND THE LINES FOR EXISTING TUNG CHUNG NAVIGATION CHANNEL ARE APPROXIMATE ONLY.
2. FOR THE INDICATIVE MOVEMENT JOINT LOCATIONS AND CORRESPONDING STRUCTURES NUMBERING SHOWN ON SHEET NO. 60240249/12/2005 TO 2009 SHALL BE REFERRED. THE LOCATIONS OF MOVEMENT JOINTS AT INTERLACE PIECES WITH WEDGE ARE TO BE STRICTLY FOLLOWED BY THE CONTRACTOR. THE EXACT LOCATIONS OF OTHER MOVEMENT JOINTS ARE TO BE DESIGNED BY THE CONTRACTOR.

LEGEND:

SITE LOCATION

STRUCTURES E2/E5/E6/E7/E8

AECOM

PROJECT
名

**TUEN MUN -
CHEK LAP KOK LINK**

CONTRACT TITLE
**TUEN MUN - CHEK LAP KOK LINK -
SOUTHERN CONNECTION
VIADUCT SECTION**

CLIENT
名

**路政署
HIGHWAYS DEPARTMENT**
香港路政工程處工程管理處
Hong Kong Central - Kowloon Bridge
Hong Kong Project Management Office

CONSULTANT
工程顧問公司

AECOM Asia Company Ltd.
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SUB-CONSULTANTS

Figure 1.2a

ISSUE/REVISION			
A	NOV. 12	TENDER ADDENDUM NO. 1	CYN
-	OCT. 12	TENDER DRAWING	CYN
IR	DATE	DESCRIPTION	CHK
REV	BY		

STATUS

SCALE 比例	DIMENSION UNIT 尺寸單位
A1 1 : 5000	METRES

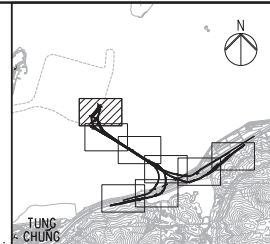
KEY PLAN

PROJECT NO. 项目编号	CONTRACT NO. 合同编号
60240249	HY/2012/07

SHEET TITLE
圖紙名稱

SOUTHERN CONNECTION
GENERAL LAYOUT PLAN

SHEET NUMBER
60240249/C1/2000A

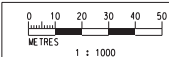
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1. THIS DRAWING SHALL BE READ IN CONJUNCTION
WITH DRAWING NO. J3518/P/OAP/04/1000
AND OTHER RELEVANT DRAWINGS.

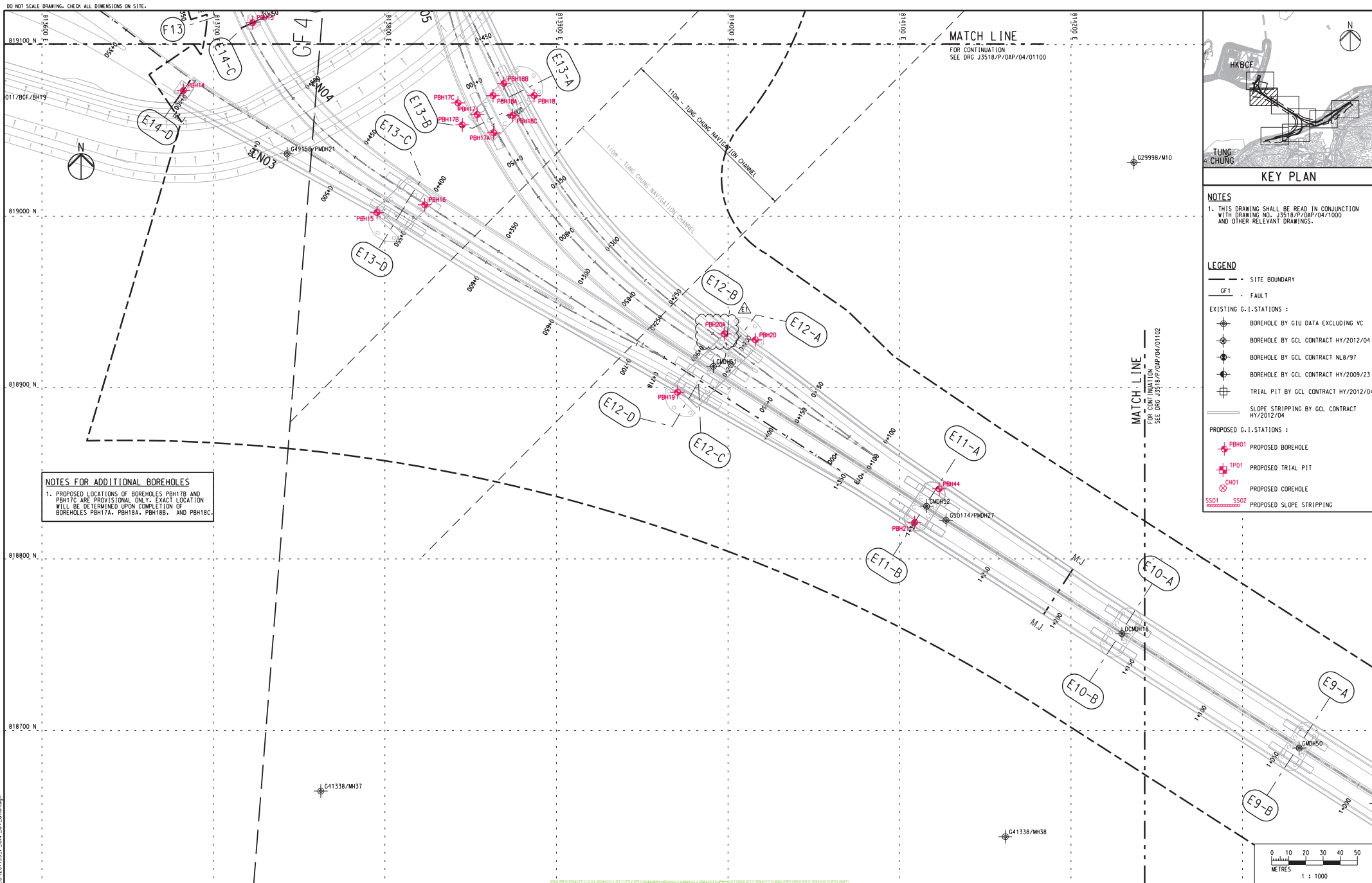
© 1998 Blackwell Science Ltd

 SITE BOUNDARY
 G.F.1 FAULT
 EXISTING G.I. STATIONS :
 BOREHOLE BY GIU DATA EXCLUDING VC
 BOREHOLE BY GCL CONTRACT HY/2012/04
 BOREHOLE BY GCL CONTRACT N/8.97
 BOREHOLE BY GCL CONTRACT HY/2009/23
 TRIAL PIT BY GCL CONTRACT HY/2012/04
 SLOPE STRIPPING BY GCL CONTRACT HY/2012/04
 PROPOSED G.I. STATIONS :
 P#B01 PROPOSED BOREHOLE
 TP01 PROPOSED TRIAL PIT
 CH01 PROPOSED COREHOLE
 S#S01 S#S02 PROPOSED SLOPE STRIPPING

MATCH LINE
FOR CONTINUATION
SEE DRG J3518/P/OAP/04/01101



Rev	Description	By	Date	Rev	Description	By	Date	Drawn	Date	Client	Project Title	Drawing title
A	SUBMISSION	RC	07/13					RL	07/13	 路政署 HIGHWAYS DEPARTMENT	Contract No. HY/2012/07 Tuen Mun - Chek Lap Kok Link Southern Connection Viaduct Section	Figure 1.2b
B	SUBMISSION	RC	07/13					Checked:	Approved:	 路政署 HIGHWAYS DEPARTMENT		
C	SUBMISSION	RC	09/13					DS	DOP	Supervising Officer	Contractor	Originator
								Scale		 AECOM	 Gammon	 ARUP
												Drawing no. J3518/P/OAP/04/01100 Rev. C



NOTES FOR ADDITIONAL BOREHOLES

1. PROPOSED LOCATIONS OF BOREHOLES PBH17B AND PBH17C ARE PROVISIONAL ONLY. EXACT LOCATION WILL BE DETERMINED UPON COMPLETION OF BOREHOLES PBH17A, PBH18A, PBH18B, AND PBH18C.

KEY PLAN

NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING NO. J3518/P/OAP/04/1000 AND OTHER RELEVANT DRAWINGS.

LEGEND

- SITE BOUNDARY
- GF1 - FAULT
- EXISTING G.I. STATIONS :
 - BOREHOLE BY GIU DATA EXCLUDING VC
 - BOREHOLE BY GCL CONTRACT HY/2012/04
 - BOREHOLE BY GCL CONTRACT NL8/97
 - BOREHOLE BY GCL CONTRACT HY/2009/23
 - TRIAL PIT BY GCL CONTRACT HY/2012/04
- SLOPE STRIPPING BY GCL CONTRACT HY/2012/04
- PROPOSED G.I. STATIONS :
 - PROPOSED BOREHOLE
 - PROPOSED TRIAL PIT
 - PROPOSED COREHOLE
 - PROPOSED SLOPE STRIPPING

Rev		Description		By	Date	Rev	Description		By	Date	Drawn		Date	 路政署 HIGHWAYS DEPARTMENT 香港 - 珠海 - 澳門大橋 Hong Kong - Zhuhai - Macao Bridge Hong Kong Project Management Office	Project Title		  		Drawing title Figure 1.2c	
A	SUBMISSION		RC	07/13		RL	07/13	Contract No. HY/2012/07												
B	SUBMISSION		RC	07/13				Tuen Mun - Chek Lap Kok Link												
C	SUBMISSION		RC	09/13		Checked	Approved	Southern Connection Viaduct Section												
D	SUBMISSION		RC	10/13		DS	DOP	Supervising Officer		Contractor		Originator		Drawing no. J3518/P/OAP/04/01101		Rev. E1				
E1	FOR INTERNAL REVIEW		RC	11/13		Scale		1:1000 @ A1/1:2000 @ A3												

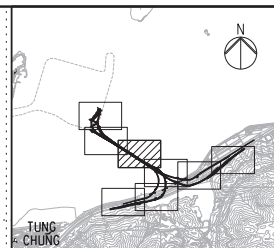
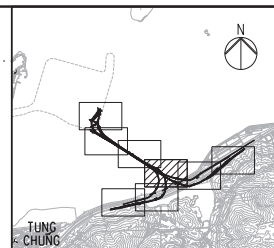
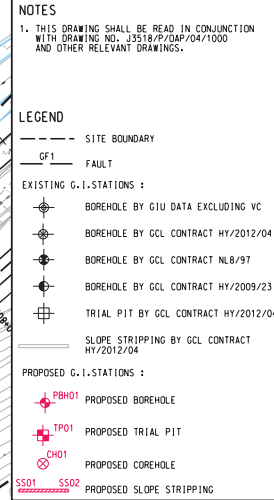


Figure 1.2d

Drawing no.	J3518/P/OAP/04/01102	Rev.	C
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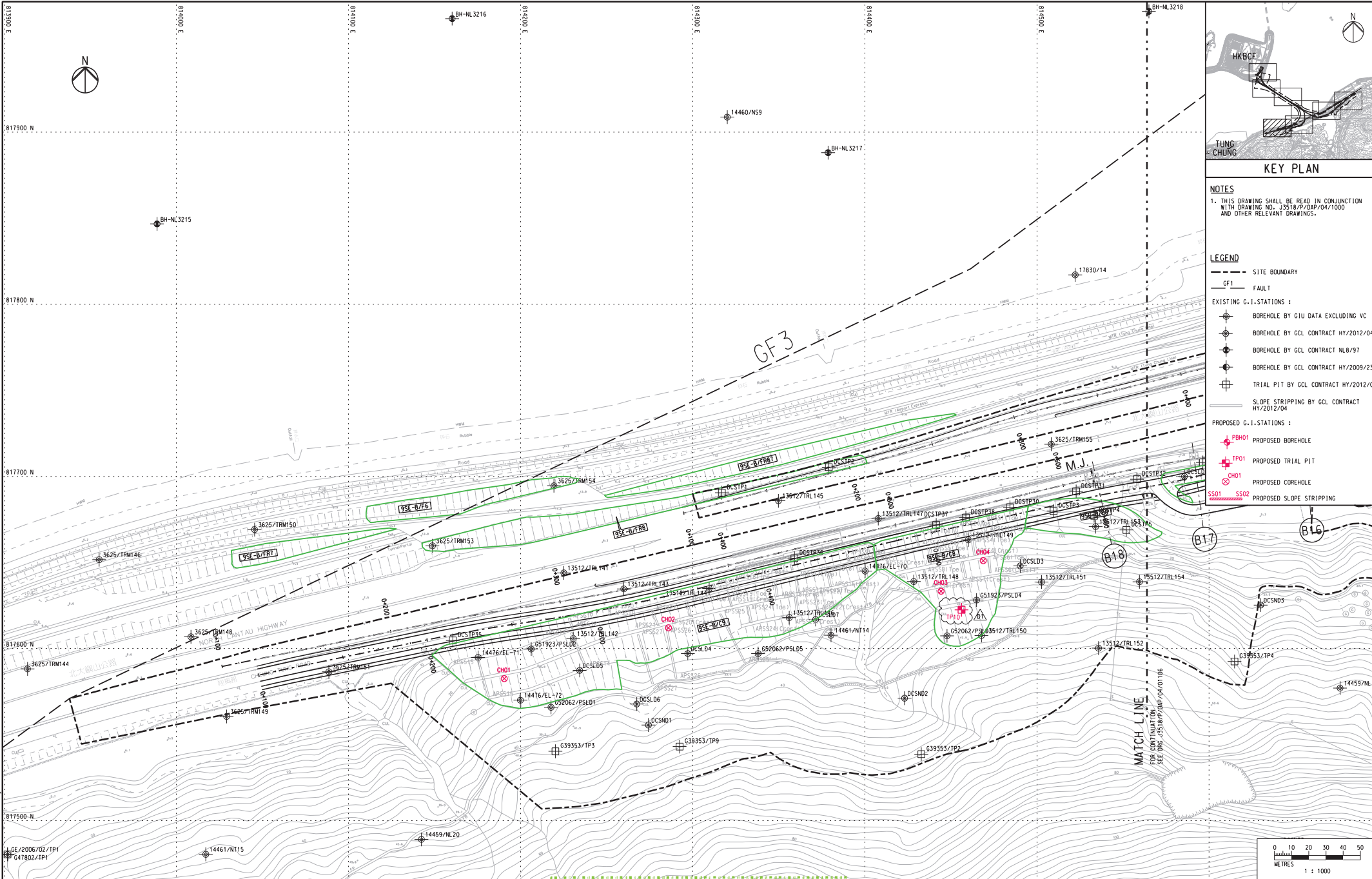


Rev		Description	By	Date	Rev	Description	By	Date	Drawn	Date	路政署 HIGHWAYS DEPARTMENT 港珠澳大桥香港工程管理局 Hong Kong - Zhuhai - Macao Bridge Hong Kong Project Management Office	Project Title			Drawing title	
A	SUBMISSION		RC	07/13					RL	07/13		Contract No. HY/2012/07			Figure 1.2e	
B	SUBMISSION		RC	07/13					Checked	Approved		Tuen Mun - Chek Lap Kok Link				
C	SUBMISSION		RC	09/13					DS	DOP		Southern Connection Viaduct Section				
									Scale		Supervising Officer	Contractor	Originator	Drawing no.	Rev.	
									1:1000 @ A1 / 1:2000 @ A3		AECOM	Gammon	ARUP	J3518/P/OAP/04/01103	C	



Rev	Description	By	Date	Rev	Description	By	Date	Drawn	Date	路政署 HIGHWAYS DEPARTMENT 港珠澳大橋香港工程管理處 Hong Kong - Zhuhai - Macao Bridge Hong Kong Project Management Office	Project Title	Drawing title Figure 1.2f		
A	SUBMISSION	RC	07/13					RL	07/13		Contract No. HY/2012/07			
B	SUBMISSION	RC	07/13					Checked	Approved		Tuen Mun - Chek Lap Kok Link			
C	SUBMISSION	RC	09/13					DS	DOP		Southern Connection Viaduct Section			
								Scale	1:10000 @ A1 / 1:20000 @ A3	AECOM	Gammon	Originator ARUP	Drawing no. J3518/P/OAP/04/01104	Rev. C

DO NOT SCALE DRAWING. CHECK ALL DIMENSIONS ON SITE.



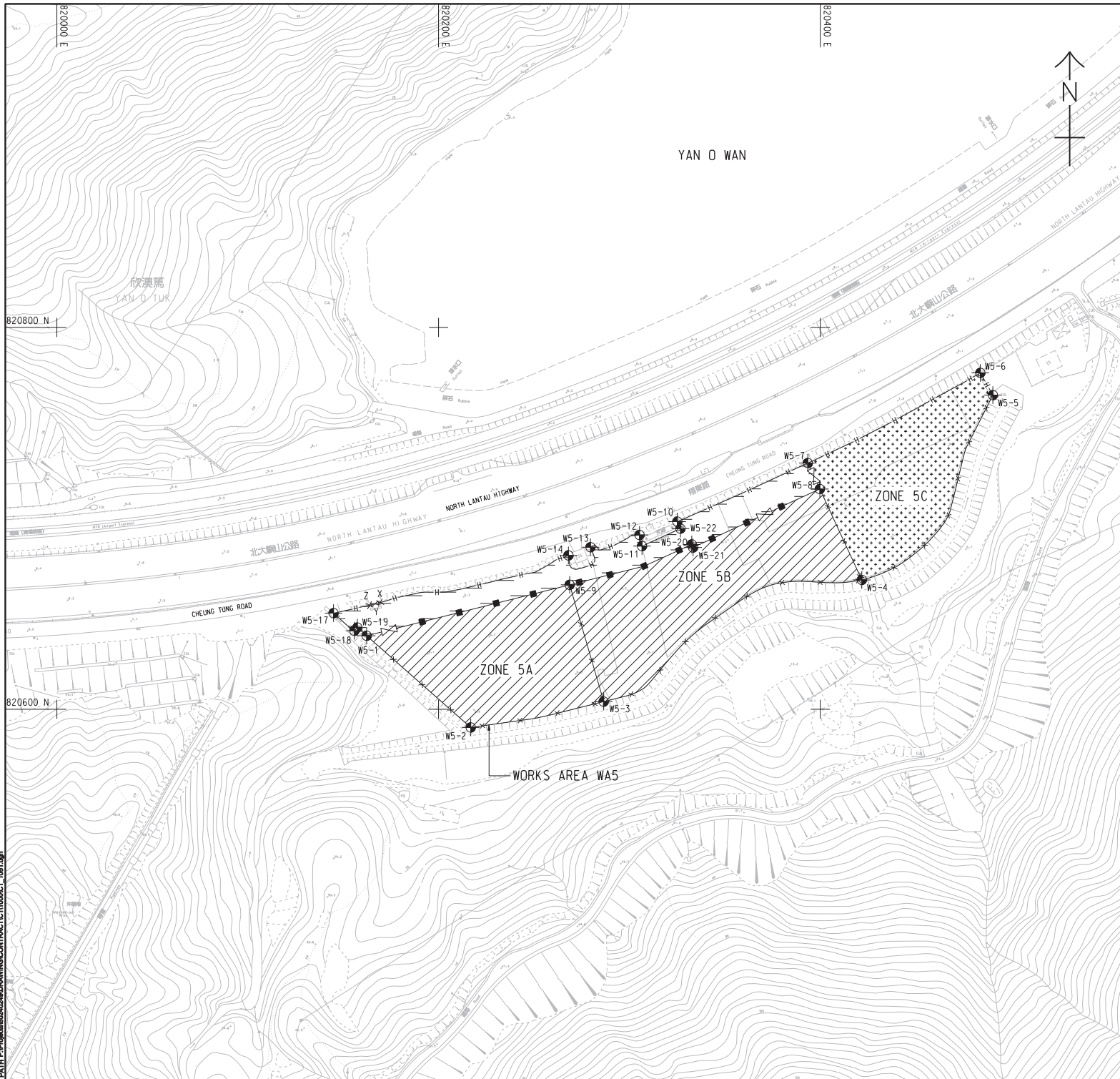
NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING NO. J3518/P/OAP/04/1000 AND OTHER RELEVANT DRAWINGS.

LEGEND

- SITE BOUNDARY
- GF1 FAULT
- EXISTING G.I. STATIONS:
 - BOREHOLE BY GIU DATA EXCLUDING VC
 - BOREHOLE BY GCL CONTRACT HY/2012/04
 - BOREHOLE BY GCL CONTRACT NL8/97
 - BOREHOLE BY GCL CONTRACT HY/2009/23
 - TRIAL PIT BY GCL CONTRACT HY/2012/04
- SLOPE STRIPPING BY GCL CONTRACT HY/2012/04
- PROPOSED G.I. STATIONS:
 - PROPOSED BOREHOLE
 - PROPOSED TRIAL PIT
 - PROPOSED COREHOLE
 - PROPOSED SLOPE STRIPPING

Rev	Description	By	Date	Rev	Description	By	Date	Drawn	Date	Client	Project Title	Drawing title
A	SUBMISSION	RC	07/13					RL	07/13	路政署 HIGHWAYS DEPARTMENT 港		



NOTES:

- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE WORKS AREA KEY PLAN IN SHEET NO. 60240249/CV/1000.
- THE SETTING OUT INFORMATION AND WORKS AREA CONDITIONS SHOWN IN THIS DRAWING ARE FOR REFERENCE ONLY. THE WORKS AREA BOUNDARY SHALL BE IN ACCORDANCE WITH THE ENGINEERING CONDITIONS FOR TEMPORARY GOVERNMENT LAND ALLOCATION NO. T15 619. IN CASE OF DISCREPANCY BETWEEN THE BOUNDARY SHOWN ON THIS DRAWING AND THE BOUNDARY INDICATED ON THE ENGINEERING CONDITIONS, THE LATTER SHALL PREVAIL.
- DEMARCATION OF THE WORKS AREA SHALL BE DETERMINED ON SITE.
- REFER TO HIGHWAYS DEPARTMENT STANDARD DRAWING NOS. H6110 AND H6111 FOR DETAILS OF HOARDING.
- REFER TO HIGHWAYS DEPARTMENT STANDARD DRAWING NOS. H6121 AND H6122 FOR DETAILS OF CHAIN LINK FENCE.
- REFER TO HIGHWAYS DEPARTMENT STANDARD DRAWING NO. H6121 FOR DETAILS OF GATE.
- CHAIN LINK FENCE SHALL BE ERECTED ALONG THE WORKS AREA BOUNDARY. THE ALIGNMENT AND EXTENT OF CHAIN LINK FENCE SHOWN ARE INDICATIVE ONLY AND SHALL BE CONFIRMED BY THE SUPERVISING OFFICER.
- THE LOCATION AND WIDTH OF GATE SHOWN ARE INDICATIVE ONLY AND SHALL BE CONFIRMED BY THE SUPERVISING OFFICER.
- NO STRUCTURES SHALL BE ERECTED OTHER THAN SUCH STRUCTURES NOT EXCEEDING TWO STOREYS IN HEIGHT, WHICH ARE APPROVED BY THE DISTRICT LANDS OFFICER AS BEING APPROPRIATE FOR THE USE OF THE SITE AS A WORKS AREA.
- THE TENTATIVE OCCUPATION PERIOD SHALL BE REFERRED TO EMPLOYER'S REQUIREMENTS PART 2 AND PART 14 SECTION 1 CLAUSE 1.45A.
- THE WORKS AREAS SHOWN ON THIS DRAWING ARE TO BE SHARE-USED AMONG THE CONTRACTS OF TM-CLKL RELATED CONTRACTS. THE AREAS HATCHED WITH ARE TENTATIVELY ALLOCATED FOR THE USE BY THIS CONTRACT.
- THE COMMON AREA SHALL BE CONCRETE PAVED BY THE CONTRACTOR.

LEGEND:

- WORKS AREA UNDER THIS CONTRACT
- COMMON AREA (MAINTAINED UNDER THIS CONTRACT) TO BE SHARE-USED WITH OTHER CONTRACTS
- WORKS AREA FOR THIS CONTRACT TO BE EARLY HANDLED OVER BY THE CONTRACTOR.
- HOARDING AND GATE (TO BE ERECTED AND MAINTAINED UNDER THIS CONTRACT)
- CHAIN LINK FENCE AND GATE (TO BE ERECTED AND MAINTAINED BY OTHERS)
- CHAIN LINK FENCE AND GATE (TO BE ERECTED AND MAINTAINED UNDER THIS CONTRACT)

SETTING OUT COORDINATES OF WORKS AREA W5

POINT	COORDINATES	
	EASTING	NORTHING
W5-1	820162.308	820638.492
W5-2	820216.839	820590.455
W5-3	820286.496	820603.985
W5-4	820421.757	820667.742
W5-5	820490.425	820764.554
W5-6	820483.839	820776.180
W5-7	820393.451	820728.958
W5-8	820399.746	820715.343
W5-9	820268.674	820665.173
W5-10	820325.075	820698.276
W5-11	820306.587	820685.458
W5-12	820305.269	820691.287
W5-13	820279.580	820684.863
W5-14	820268.027	820680.572
X	820169.407	820655.859
Y	820166.601	820655.172
Z	820163.794	820654.484
W5-17	820144.957	820650.334
W5-18	820155.899	820641.093
W5-19	820157.432	820642.788
W5-20	820332.642	820686.314
W5-21	820333.350	820684.738
W5-22	820326.723	820694.608

AECOM

PROJECT
TUN MUN -
CHEK LAP KOK LINK

CONTRACT TITLE
TUN MUN - CHEK LAP KOK LINK
- SOUTHERN CONNECTION
VIADUCT SECTION

CLIENT
路政署
HONG KONG
HONG KONG PROJECT MANAGEMENT OFFICE

CONSULTANT
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AECOM

ISSUE/REVISION
001

DATE	DESCRIPTION	CHK.
OCT. 12	TENDER DRAWING	CAY, CWN
DATE	DESCRIPTION	CHK.

STATUS
001

SCALE
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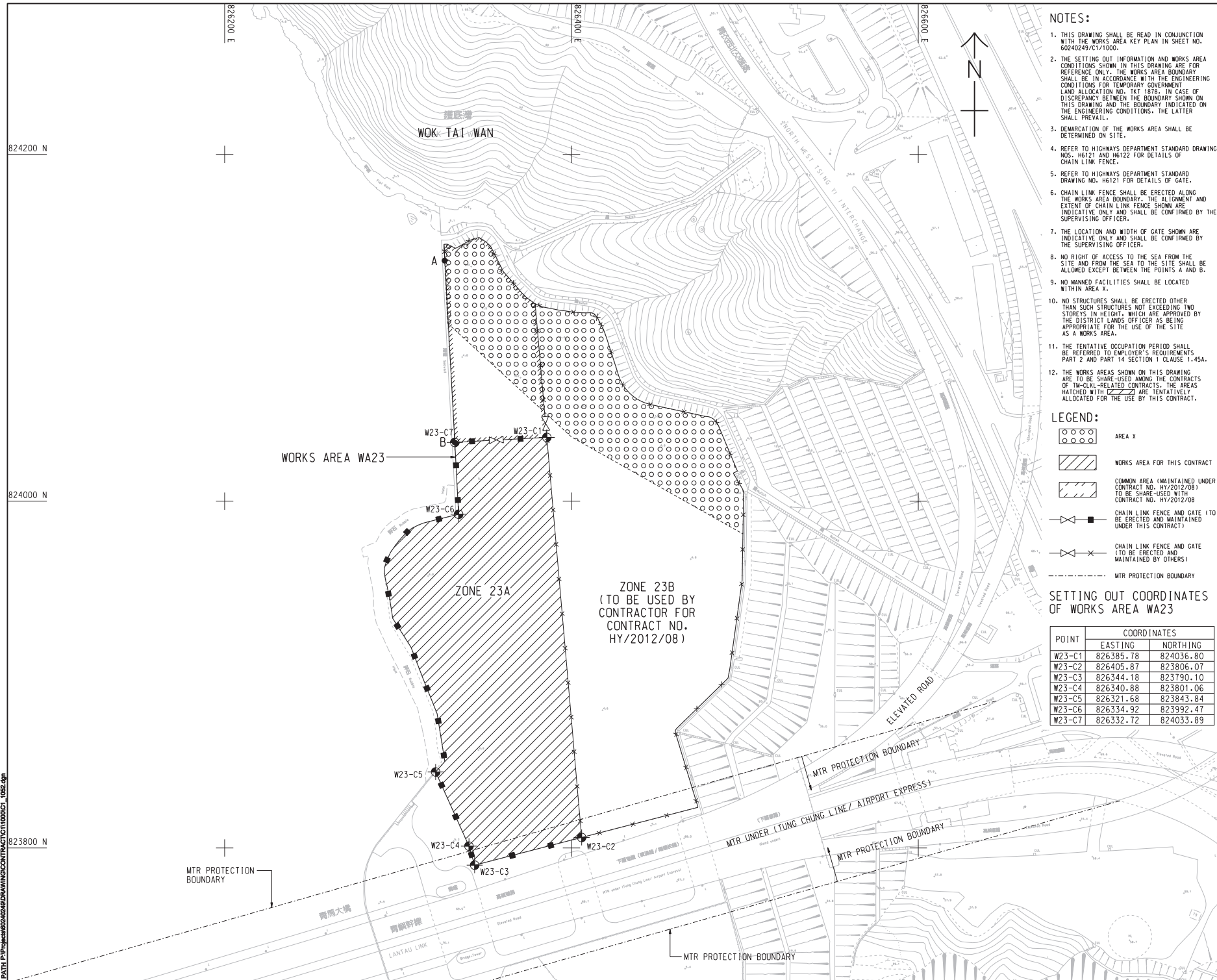
KEY PLAN
001

Figure 1.2h

PROJECT NO.
60240249
CONTRACT NO.
HY2012/07

SHEET TITLE
WORKS AREA AND
HOARDING PLAN

SHEET NUMBER
60240249/C1/1051
SHEET 1 OF 2



NOTES:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE WORKS AREA KEY PLAN IN SHEET NO. 60240249/CT1000.
2. THE SETTING OUT INFORMATION AND WORKS AREA CONDITIONS SHOWN IN THIS DRAWING ARE FOR REFERENCE ONLY. THE WORKS AREA BOUNDARY SHALL BE IN ACCORDANCE WITH THE ENGINEERING CONDITIONS FOR TEMPORARY GOVERNMENT LAND ALLOCATION NO. TKT 1872. IN CASE OF DISCREPANCY BETWEEN THE BOUNDARY SHOWN ON THIS DRAWING AND THE BOUNDARY INDICATED ON THE ENGINEERING CONDITIONS, THE LATTER SHALL PREVAIL.
3. DEMARCATION OF THE WORKS AREA SHALL BE DETERMINED ON SITE.
4. REFER TO HIGHWAYS DEPARTMENT STANDARD DRAWING NOS. H6121 AND H6122 FOR DETAILS OF CHAIN LINK FENCE.
5. REFER TO HIGHWAYS DEPARTMENT STANDARD DRAWING NO. H6121 FOR DETAILS OF GATE.
6. CHAIN LINK FENCE SHALL BE ERECTED ALONG THE WORKS AREA BOUNDARY. THE ALIGNMENT AND EXTENT OF CHAIN LINK FENCE SHOWN ARE INDICATIVE ONLY AND SHALL BE CONFIRMED BY THE SUPERVISING OFFICER.
7. THE LOCATION AND WIDTH OF GATE SHOWN ARE INDICATIVE ONLY AND SHALL BE CONFIRMED BY THE SUPERVISING OFFICER.
8. NO RIGHT OF ACCESS TO THE SEA FROM THE SITE AND FROM THE SEA TO THE SITE SHALL BE ALLOWED EXCEPT BETWEEN THE POINTS A AND B.
9. NO MANNED FACILITIES SHALL BE LOCATED WITHIN AREA X.
10. NO STRUCTURES SHALL BE ERECTED OTHER THAN SUCH STRUCTURES NOT EXCEEDING TWO STOREYS IN HEIGHT, WHICH ARE APPROVED BY THE DISTRICT LANDS OFFICER AS BEING APPROPRIATE FOR THE USE OF THE SITE AS A WORKS AREA.
11. THE TENTATIVE OCCUPATION PERIOD SHALL BE REFERRED TO EMPLOYER'S REQUIREMENTS PART 2 AND PART 14 SECTION 1 CLAUSE 1.45A.
12. THE WORKS AREAS SHOWN ON THIS DRAWING ARE TO BE SHARE-USED AMONG THE CONTRACTS OF TM-CLKL-RELATED CONTRACTS. THE AREAS HATCHED WITH  ARE TENTATIVELY ALLOCATED FOR THE USE BY THIS CONTRACT.

LEGEND:

-  AREA X
-  WORKS AREA FOR THIS CONTRACT
-  COMMON AREA (MAINTAINED UNDER CONTRACT NO. HY/2012/08) TO BE SHARE-USED WITH CONTRACT NO. HY/2012/08
-  CHAIN LINK FENCE AND GATE (TO BE ERECTED AND MAINTAINED UNDER THIS CONTRACT)
-  CHAIN LINK FENCE AND GATE (TO BE ERECTED AND MAINTAINED BY OTHERS)
-  MTR PROTECTION BOUNDARY

SETTING OUT COORDINATES OF WORKS AREA WA23

POINT	COORDINATES	
	EASTING	NORTHING
W23-C1	826385.78	824036.80
W23-C2	826405.87	823806.07
W23-C3	826344.18	823790.10
W23-C4	826340.88	823801.06
W23-C5	826321.68	823843.84
W23-C6	826334.92	823992.47
W23-C7	826332.72	824033.89

AECOM

PROJECT

**TUEN MUN - CHEK LAP KOK LINK
- SOUTHERN CONNECTION
VIADUCT SECTION**

CONTRACT TITLE
**TUEN MUN - CHEK LAP KOK LINK
- SOUTHERN CONNECTION
VIADUCT SECTION**

CLIENT

HONG KONG HIGHWAYS DEPARTMENT
港務局
Hong Kong - Zhuhai - Hainan Bridge
Hong Kong Project Management Office

SUBSOLICITANT

AECOM Asia Company Ltd.
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SUB-CONSULTANTS

241100010-4

ISSUE/REVISION

NO.	DATE	DESCRIPTION	CHK.
1	OCT. 12	TENDER DRAWING	CWN
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KEY PLAN

60240249/CT11000

Figure 1.2i

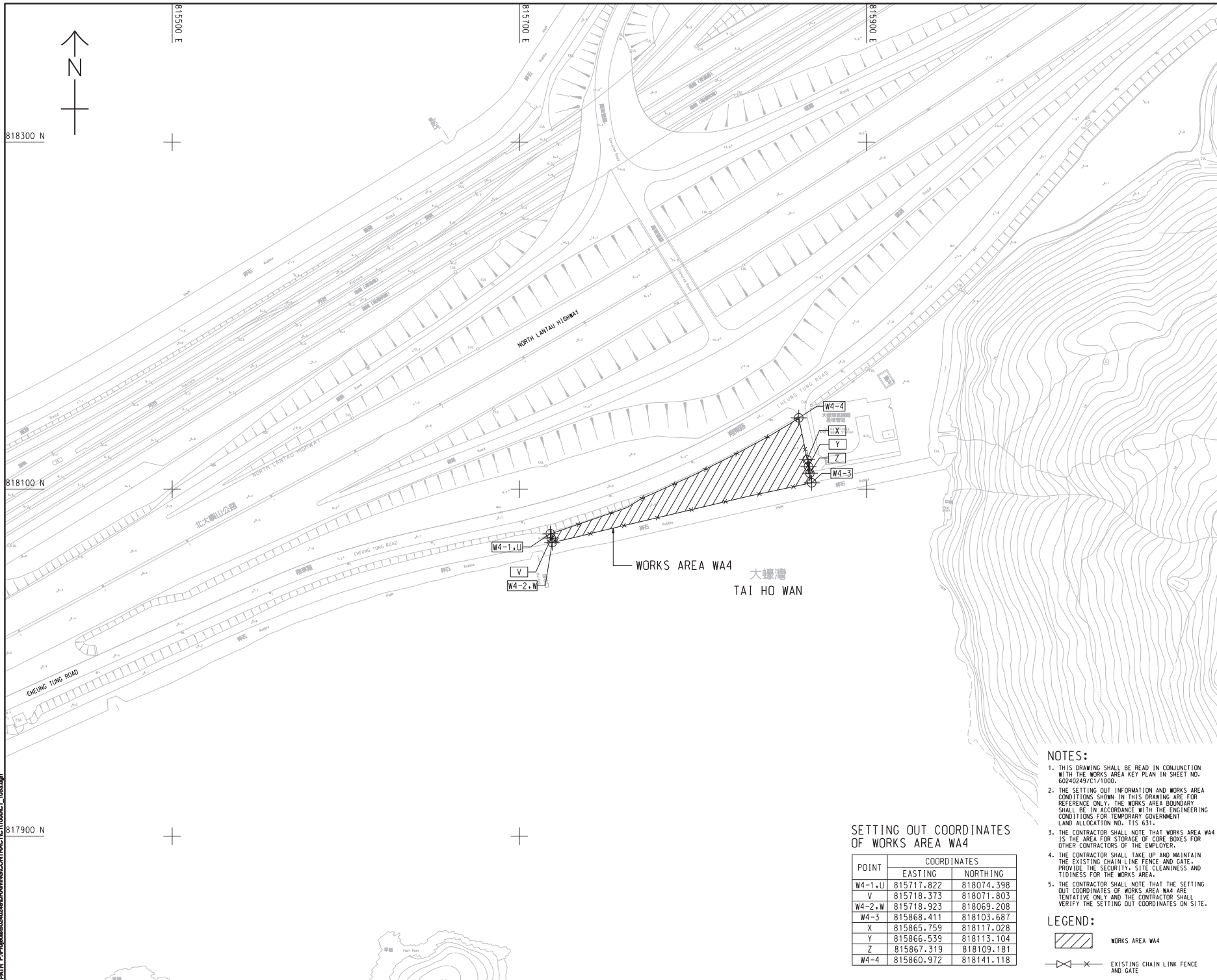
PROJECT NO.
60240249

CONTRACT NO.
HY/2012/07

SHEET TITLE
**WORKS AREA AND
HOARDING PLAN**

SHEET NUMBER
60240249/C1/1052

SHEET 2 OF 2



SETTING OUT COORDINATES OF WORKS AREA WA4

POINT	COORDINATES	
	EASTING	NORTHING
W4-1,U	815717.822	818074.398
V	815718.373	818071.803
W4-2,W	815718.923	818069.208
W4-3	815868.411	818103.687
X	815865.759	818117.028
Y	815866.539	818113.104
Z	815867.319	818109.181
W4-4	815860.972	818141.118

- NOTES:
1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE WORKS AREA KEY PLAN IN SHEET NO. 60240249/C1/1000.
 2. THE SETTING OUT INFORMATION AND WORKS AREA CONDITIONS SHOWN IN THIS DRAWING ARE FOR REFERENCE ONLY. THE WORKS AREA BOUNDARY SHALL BE IN ACCORDANCE WITH THE ENGINEERING CONDITIONS FOR TEMPORARY GOVERNMENT LAND ALLOCATION NO. T15 631.
 3. THE CONTRACTOR SHALL NOTE THAT WORKS AREA WA4 IS THE AREA FOR STORAGE OF CORE BOXES FOR OTHER CONTRACTORS OF THE EMPLOYER.
 4. THE CONTRACTOR SHALL TAKE UP AND MAINTAIN THE EXISTING CHAIN LINK FENCE AND GATE, PROVIDE THE SECURITY, SITE CLEANLINESS AND TIDINESS FOR THE WORKS AREA.
 5. THE CONTRACTOR SHALL NOTE THAT THE SETTING OUT COORDINATES OF WORKS AREA WA4 ARE TENTATIVE ONLY AND THE CONTRACTOR SHALL VERIFY THE SETTING OUT COORDINATES ON SITE.

LEGEND:

WORKS AREA WA4

EXISTING CHAIN LINK FENCE AND GATE

AECOM

PROJECT
TUEN MUN - CHEK LAP KOK LINK

CONTRACT TITLE
TUEN MUN - CHEK LAP KOK LINK
- SOUTHERN CONNECTION
VIADUCT SECTION

CLIENT
路政署 HIGHWAYS DEPARTMENT
港務局 港務工程署
Hong Kong - Zhuhai - Hainan Bridge
Hong Kong Project Management Office

CONSULTANT
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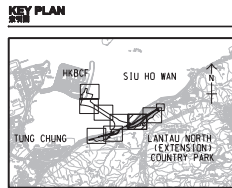
SUB-CONSULTANTS
Figure 1.2j

ISSUE/REVISION

NO.	DATE	DESCRIPTION	BY	CHK.
1	NOV. 12	TENDER ADDENDUM NO. 1	CWN	

STATUS

SCALE	DIMENSION UNIT
A1 1 : 1000	METRES



PROJECT NO.
60240249

CONTRACT NO.
HY/2012/07

SHEET TITLE
WORKS AREA WA4

SHEET NUMBER
60240249/C1/1053

