

中國水利電力對外公司

CHINA INTERNATIONAL WATER & ELECTRIC CORP.

中國長江三峽集團成員

Our ref: CV201304/B1a/0528/KO/pl
Your ref:

Date: 7 March 2014

See Distribution List

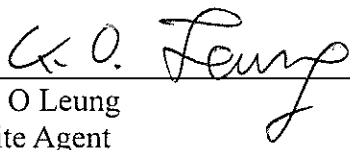
Contract No. CV/2013/04

**Dredging Works in Kwai Tsing Container Basin and Its Approach Channel
Works Schedule and Location Plan**

Pursuant to EP Condition 2.5, please find attached the Works Schedule and Location Plan (Rev. 1) certified by ETL for your comment / verification.

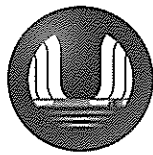
Please note that the enclosed drawings are in A3 size for your checking. Upon your verification, full scale drawing in A1 size will be submitted to EPD for approval.

Yours faithfully
For and on behalf of
China International Water & Electric Corp.


K O Leung
Site Agent

Encl.

c.c. CE/SD (W), CEDD - Messrs. Johnny Wong & Bill Ho (w/o) (fax only: 2714 0103)
Head Office/Site



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Distribution List

Mott MacDonald Hong Kong Ltd.
Kwai Yue Lane, Kwai Tsing,
Engineer's Representative's Office
New Territories, Hong Kong.

by Hand Only

Attn: Mr. Felix T C CHAU

ENVIRON Hong Kong Limited
Room 2403, 24/F, Jubilee Centre,
18 Fenwick Street,
Wanchai, Hong Kong.

by Email and Post

Attn: Mr. Y. H. Hui



MATERIALAB CONSULTANTS LIMITED

Fugro Development Centre,
5 Lok Yi Street,
17 M.S. Castle Peak Road, Tai Lam,
Tuen Mun, N.T., Hong Kong.
Tel : +852 2450 8238
Fax : +852 2450 8032
E-mail : mcl@fugro.com.hk
Website : www.materialab-consultants.com

Date 7 March 2014
Our Ref. MCL/ED/0078/2014/C

China International Water & Electric Corp
Room 1508, 15/F.,
Fortress Tower,
250 King's Road,
North Point, Hong Kong.

BY POST AND E-MAIL

Attn.: Mr. K. O. Leung

Dear Sir,

Contract No. CV/2013/04
Dredging Works in Kwai Tsing Container Basin and its Approach Channel
- Works Schedule and Location Plans

We refer to the Works Schedule and Location Plans dated 7 March 2014 for the captioned project and are pleased to certify in accordance to EP No. EP-426/2011/A Condition 2.5.

Should you require further information, please do not hesitate to contact me on 3565 4114 or our Vincent Chan on 3565 4441.

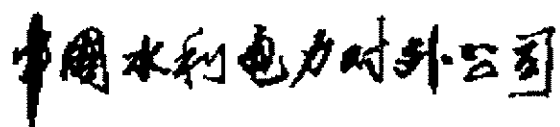
Assuring you of our best attention at all times.

Yours faithfully,
for and on behalf of
MATERIALAB CONSULTANTS LIMITED



Colin Yung
Environmental Team Leader

CY/vc



CHINA INTERNATIONAL WATER & ELECTRIC CORP.

*Project: DREDGING WORKS IN KWAI TSING CONTAINER
BASIN AND ITS APPROACH CHANNEL*

Client: Civil Engineering & Development Department

Contract No. CV-2013-04

*Works Schedule and Location Plans
Environmental Permit EP-426/2011/A – Condition 2.5*

7 March 2014 (Rev. 1)

Prepared by: Dominic Leung

Table of Content

1. Introduction
2. Works Schedule
3. Location Plans

1. Introduction

Pursuant to the Environmental Permit Condition 2.5 (Environmental Permit No. EP-426/2011/A), the Permit Holder shall deposit a detailed works schedule and location plans in the scale of 1:1000 or other appropriate scale of the Project to the Director of Environmental Protection at least four weeks before the commencement of the dredging works. This document provides the captioned submission.

2. *Works Schedule*

Works Schedule for Dredging Works

Location		Period	Dredging Rate (m ³ /day)		Marine Plants Deployed
Portion	Zones		Wet Season *	Dry Season **	
A	Z1A	1/4/2014 to 13/12/2015 Work sequence subject to availability of "working windows" In general dredging works will be carried out from south towards north. Trial results for dredging works at Zone Z2B shall be submitted to EPD for approval. Any dredging works at Zone Z2B and its buffer areas, zones Z2A and Z2C shall only be commenced after the issue of approval by EPD.	900	900	***** 1 spud pole closed grab dredger and 3 self propelled hopper barges
	Z1B		2,050	1,100	
	Z2A1		2,000	750	
	Z2A2		1,450	650	
	Z2A3		2,900	1,500	
	Z2B1****		800***	400***	
	Z2B2****		1,450***	950***	
	Z2C1		1,550	850	
	Z2C2		2,050	1,100	
	Z2C3		4,000	2,750	
	Z2C4		2,900	1,500	
	Z3A		3,440	1,600	
	Z3B		3,440	1,600	
	Z4A		3,440	1,600	
Z4B	3,440	1,600			
B	Z5A	21/09/2015 - 13/12/2015	4,000	4,000	***** 1 closed grab dredger, 3 tug boats and 3 hopper barges
	Z5B		4,000	4,000	
	Z5C		4,000	4,000	
	Z6A		4,000	4,000	
	Z6B		4,000	4,000	
	Z6C		4,000	4,000	
	Z6D		4,000	4,000	
	Z7		4,000	4,000	
Z8	4,000	4,000			
C	Z9	21/09/2015 - 13/12/2015	4,000	4,000	***** 1 closed grab dredger, 3 tug boats and 3 hopper barges
	Z10	1/7/2015 - 20/9/2015	4,000	4,000	
	Z11	1/4/2015 - 30/6/2015	4,000	4,000	
	Z12	1/1/2015 - 31/3/2015	4,000	4,000	
D	Z13A	1/6/2014 - 31/12/2014	4,000	4,000	
E	Z13B	1/4/2014 - 31/5/2014	4,000	4,000	

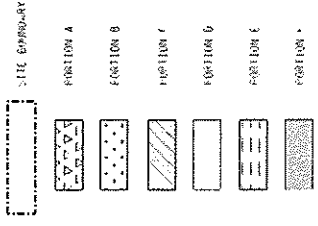
Legend : * Wet Season : From April to October
 ** Dry Season : From November to March
 *** Dredging rates for Z2B are subject to review according to the result of field trial conducted in Zone 2 area.
 **** No other dredging works will be carried out in other zones within the Project area when dredging works is conducted in zones Z2B1 and Z2B2.
 ***** No cutter suction dredged will be deployed.

3. *Location Plans*

NOTES:

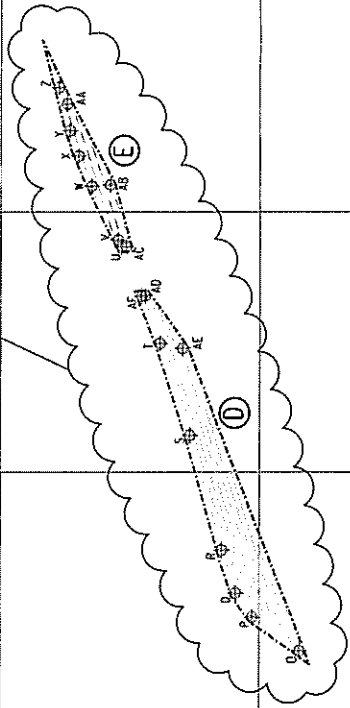
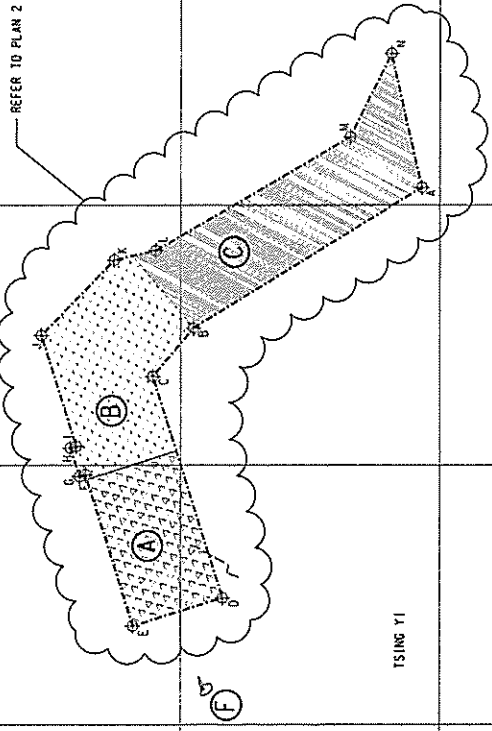
1. THE EXACT DEMARCATORY OF THE BONES SHALL BE REFERRED TO THE INSTRUMENTAL PLANS FOR THE PROJECT.
2. PORTION A CONSISTS OF SUBZONE 21, 22, 23.
3. PORTION B CONSISTS OF SUBZONE 25, 26, 27.
4. PORTION C CONSISTS OF SUBZONE 29, 210, 211.
5. PORTION D CONSISTS OF SUBZONE 213A.
6. PORTION E CONSISTS OF SUBZONE 213B.
7. PORTION A, B AND C REFER TO THE (T)/A)/B)/C)/D)/E).
8. PORTION D AND E REFER TO THE (T)/A)/B)/D)/E).

LEGEND:



POINT	CO-ORDINATES	
	EASTING(m)	NORTHING(m)
A	828138.989	818965.019
B	829500.359	820946.417
C	830213.565	821316.182
D	829616.372	823020.538
E	830363.162	822236.011
F	830733.565	822072.890
G	830716.548	822087.060
H	830841.811	821868.676
I	830802.652	821854.457
J	831071.879	821001.720
K	830511.346	820423.199
L	830189.828	820350.305
M	828691.524	819475.429
N	828374.399	818834.347
O	827691.924	817379.366
P	828057.155	817118.553
Q	828184.196	816928.527
R	828291.250	816600.704
S	828536.385	815717.874
T	828707.365	815010.561
U	829068.990	814267.535
V	829091.086	814212.688
W	829295.968	813806.766
X	829401.363	813570.219
Y	829466.782	813376.059
Z	829550.389	813095.350
AA	829486.492	813176.319
AB	829156.665	812796.340
AC	829030.261	814264.654
AD	828884.478	814641.368
AE	828593.124	815048.767
AF	828311.715	814643.886

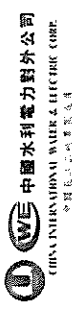
AREA UNDER GARETIE = 4 280 615m²



HONG KONG ISLAND

MEI FOO

TSING YI



THE GOVERNMENT OF THE HONG KONG
SPECIAL ADMINISTRATIVE REGION
CIVIL ENGINEERING
AND DEVELOPMENT DEPARTMENT

CONTRACT NO. : CVI2013/04
DREDGING WORKS IN KWAI TSING
CONTAINER BASIN AND ITS
APPROACH CHANNEL

LOCATION PLAN FOR DREDGING
WORKS









Drawn	K.F. HO	Scale	1:20000
Design	C.C. LAUNG	Sheet	5-3-2014
Approved	K.C. LEUNG	Sheet	5-3-2014
Checked	K.C. LEUNG	Sheet	5-3-2014

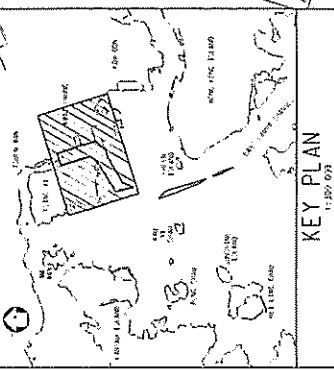
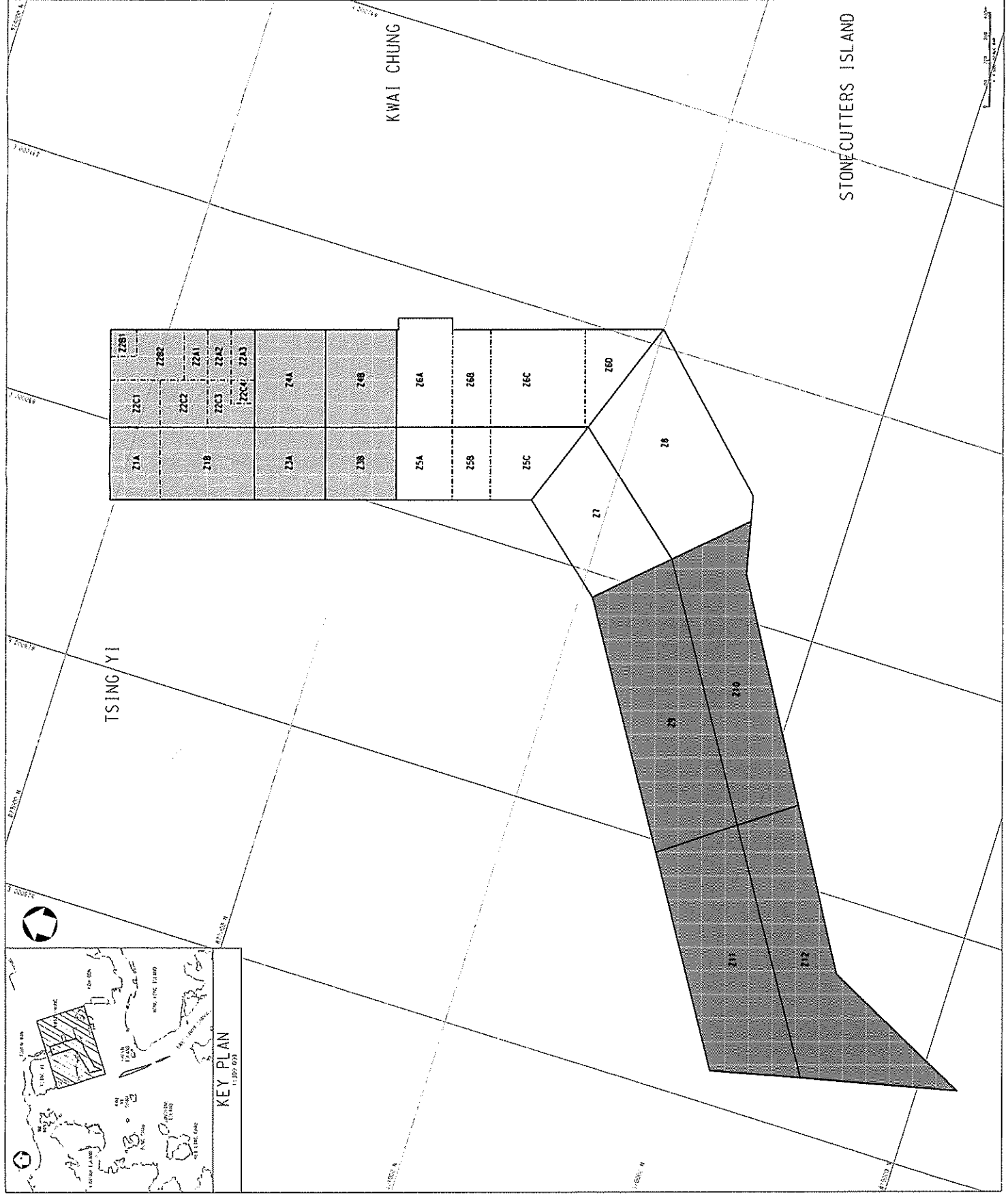
Drawing Number: CIWCEKT/01/PLAN1

NOTES:

1. THE EMCI INDICATION OF THE ZONES SHALL BE REFERRED TO IN THE ENVIRONMENTAL PERMIT FOR THE PROJECT.

LEGEND:

-  Z1, Z2, Z3 & Z4
-  Z5, Z6, Z7 & Z8
-  Z9, Z10, Z11 & Z12
-  Z13A
-  Z13B
-  Z14
-  Z15
-  Z16



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CHINA INTERNATIONAL WATER & ELECTRIC CORP.
CHINA WATER & ELECTRIC CORP.

Mott MacDonald

THE GOVERNMENT OF THE HONG KONG
SPECIAL ADMINISTRATIVE REGION
CIVIL ENGINEERING
AND DEVELOPMENT DEPARTMENT

Project
CONTRACT NO.: CV/2013/04
DREDGING WORKS IN KWAI TSING
CONTAINER BASIN AND ITS
APPROACH CHANNEL

Title
SUB-ZONES PLAN FOR CONTAINER
BASIN AND NORTHERN FAIRWAY

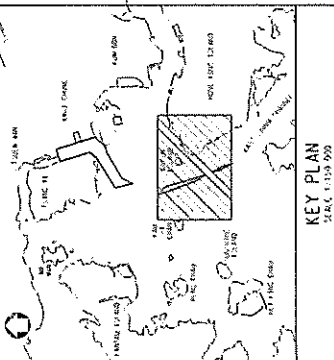
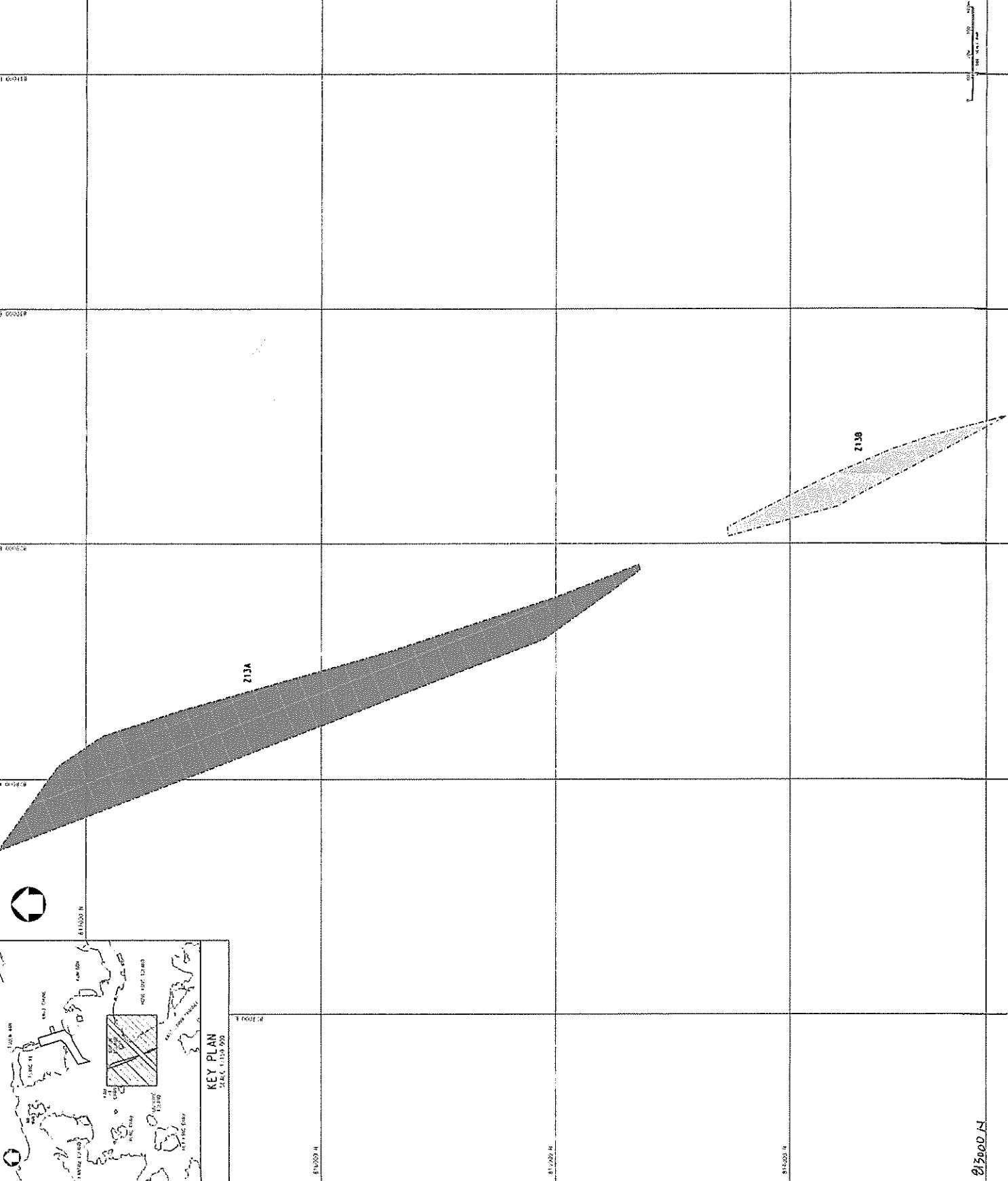
Drawn	P. F. Fung	Scale	1:7500
Checked	C. C. Chung	Date	5-2-2014
Approved	K. O. Leung	Date	5-2-2014
Supervisor	K. O. Leung	Date	5-2-2014
Scale			
Drawing Number	CW/EC/KT/02/PLAN2		

NOTES:

1. THE EXACT DIMENSION OF THE ZONES SHALL BE REFERRED TO THE ENVIRONMENTAL PERMIT FOR THE PROJECT.

LEGEND:

- Z1, Z2, Z3 & Z4
- Z5, Z6, Z7 & Z8
- Z9, Z10, Z11 & Z12
- Z13A
- Z13B
- Z14
- ZONE Z1A



KEY PLAN
SCALE: 1:250,000

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CEPD
THE GOVERNMENT OF THE HONG KONG
SPECIAL ADMINISTRATIVE REGION
CIVIL ENGINEERING
& DEVELOPMENT DEPARTMENT

Project
CONTRACT NO.: CV/2013/04
DREDGING WORKS IN KWAI TSING
CONTAINER BASIN AND ITS
APPROACH CHANNEL

Task
SUB-ZONES PLAN FOR
WESTERN FAIRWAY

Drawn	P. F. FIPK	LEAL	5-3-2014
Design	C. C. LUNG	5-3-2014	5-3-2014
Approved	K. V. LEUNG	5-3-2014	5-3-2014
Scale	1:7,500	Sheet	1 of 1

Drawing Number
CIWECKT03/PLANS

015000 N