



HAD – MINOR WORKS PROJECT – TAI PO DISTRICT

TP-DMW100 Construction of covered Walkway connecting the footbridge outside SKH Yuen Chen
Maun Chen Primary School and Kwong Ping House, Kwong Fuk Estate

廣福邨眼鏡橋經聖公會阮鄭夢芹小學門前至廣平樓行人路上蓋

ARCHITECT/LEAD CONSULTANT

Tom Ip & Partners Architects Engineers &
Development Consultants Limited

SUB – CONSULTANTS

Paul Wong Consulting Engineers Ltd.

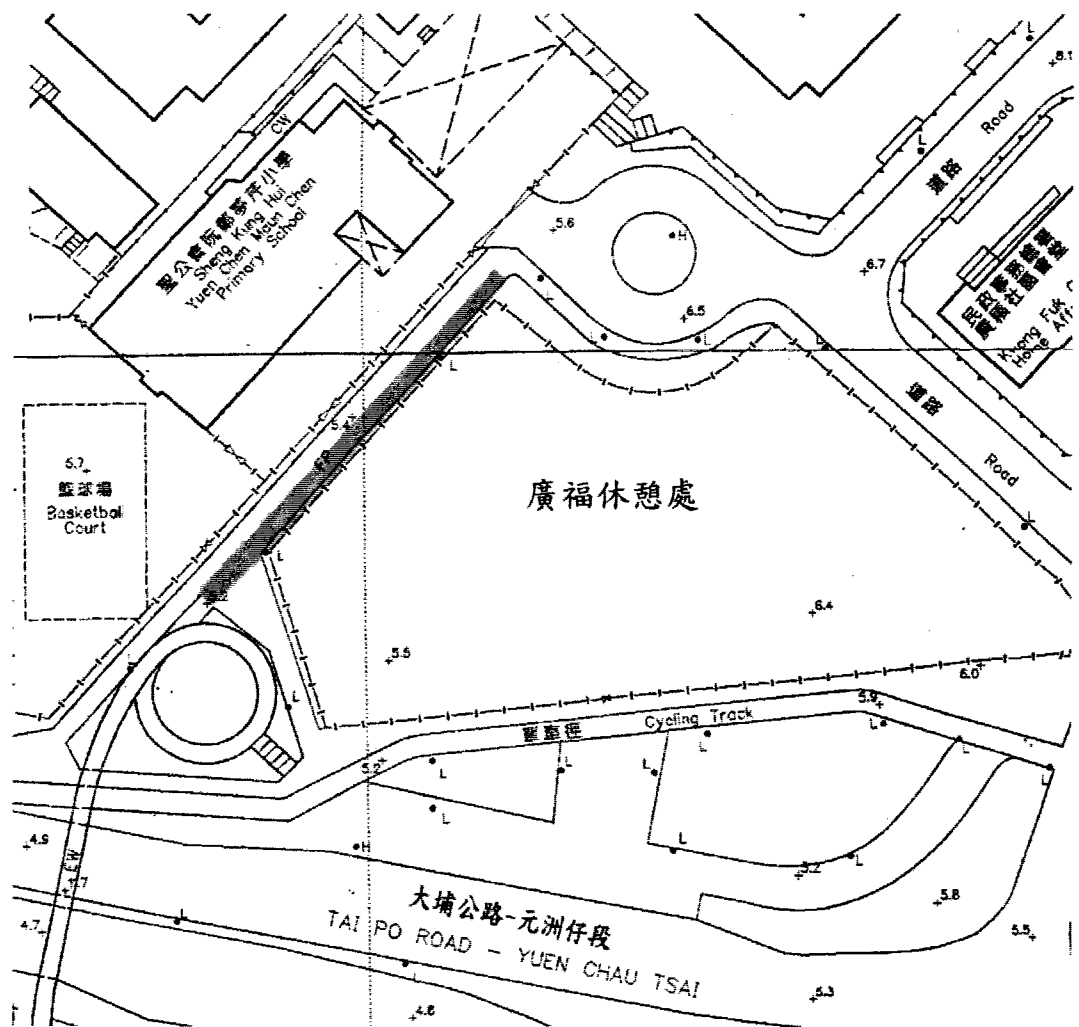
Daniel Chan & Associates Ltd.

Earthasia Limited

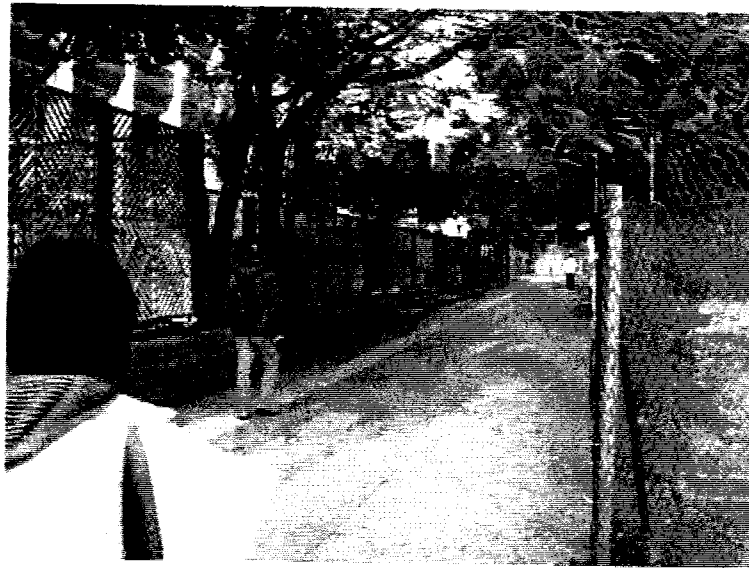
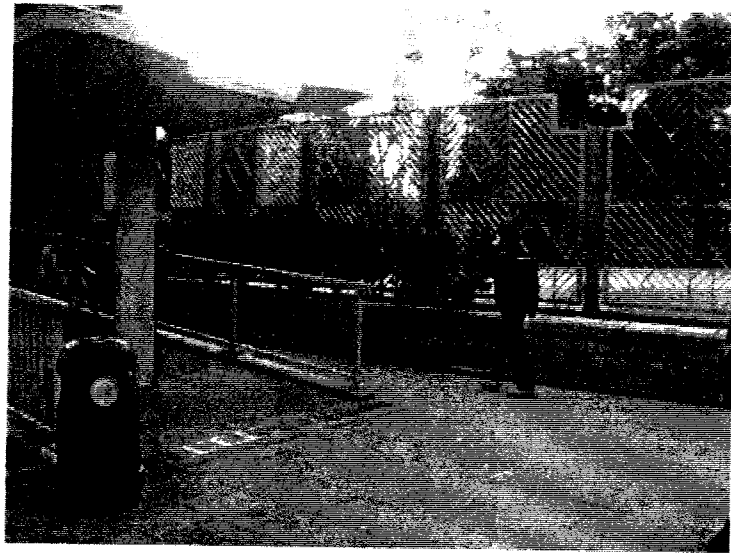
Hyder Consulting Limited

QUANTITY SURVEYORS & CONTRACT MANAGEMENT CONSULTANTS

Rider Levett Bucknall Limited



位置圖



現場情況

*詳細設計及覆蓋範圍需遞
交路政署、運輸署及有關部
門審批

全長約65米

聖公會阮鄭夢芹小學

行人路上蓋A段

學校入口

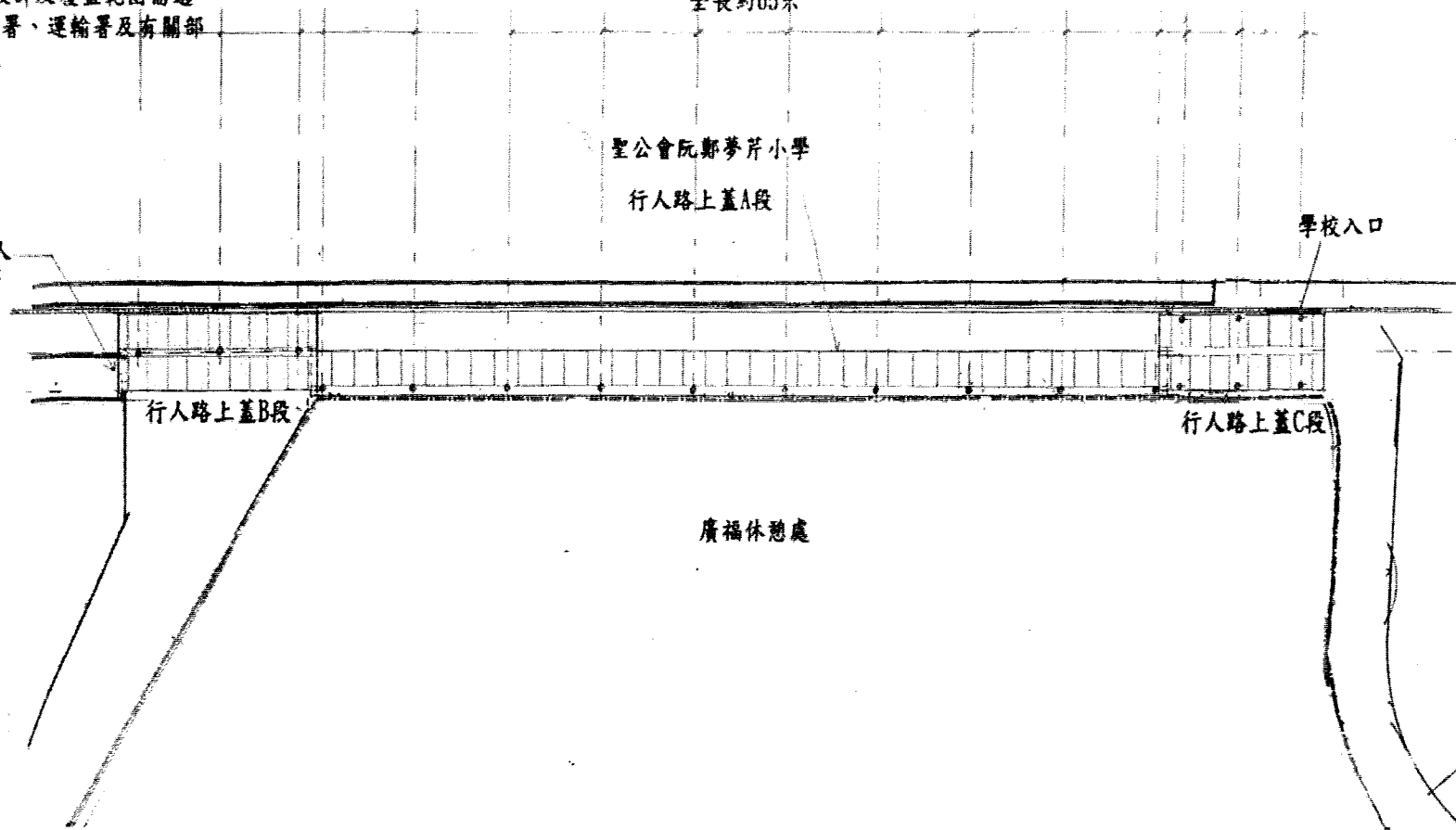
與現有行人
天橋連接*

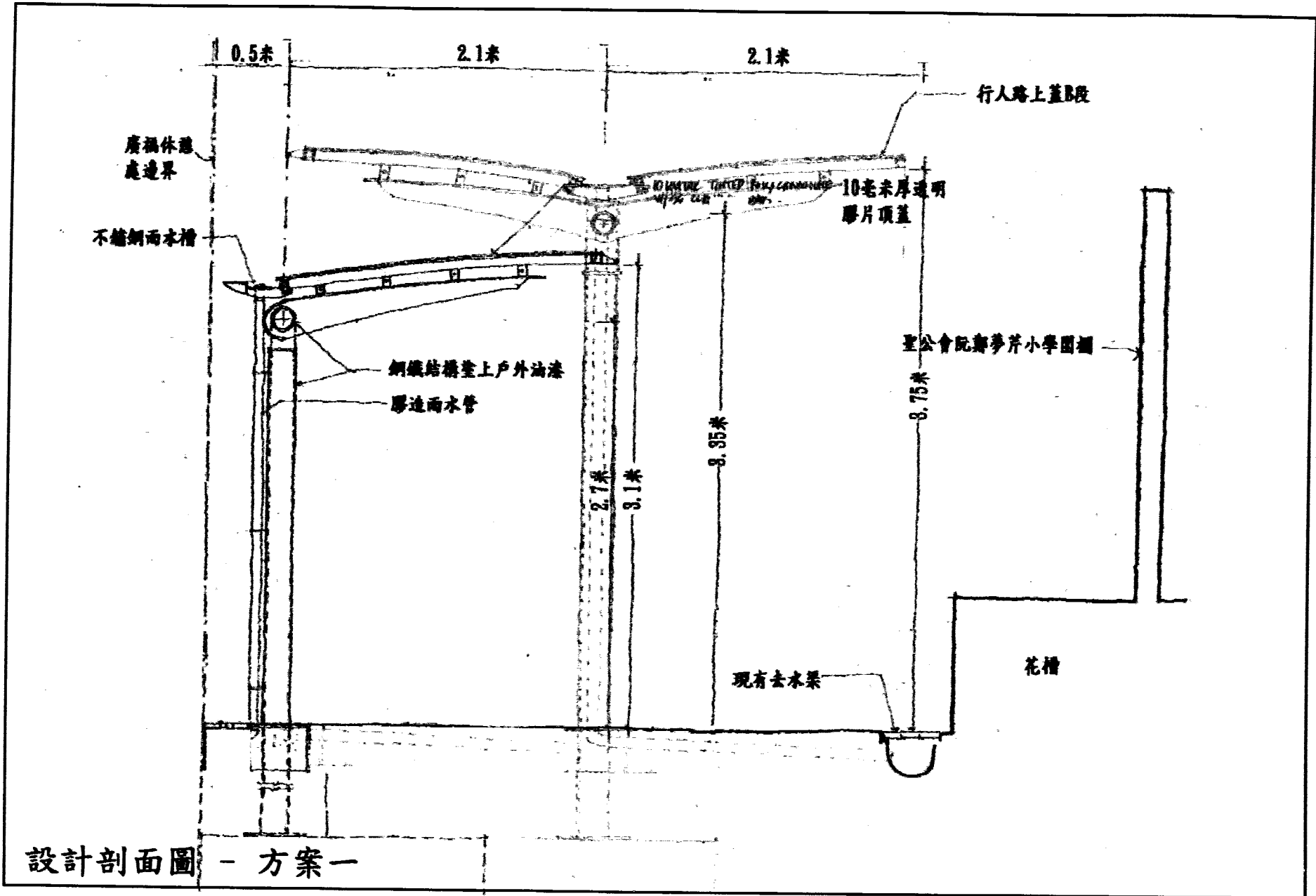
行人路上蓋B段

行人路上蓋C段

廣福休憩處

設計平面圖-方案一





設計剖面圖 - 方案一

*詳細設計及覆蓋範圍需遞
交路政署、運輸署及有關部
門審批

全長約65米

聖公會阮鄭夢芹小學

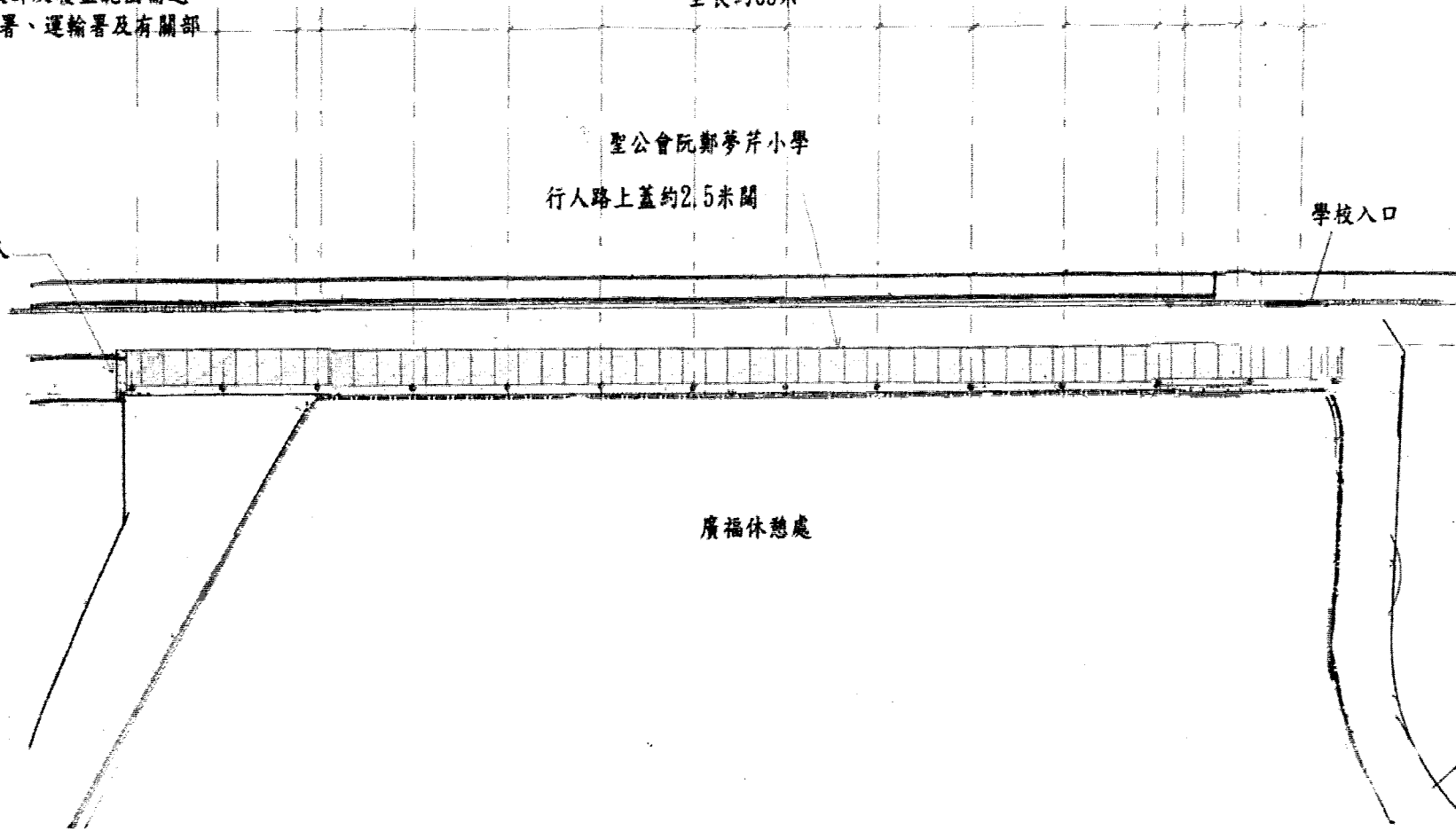
行人路上蓋約2.5米闊

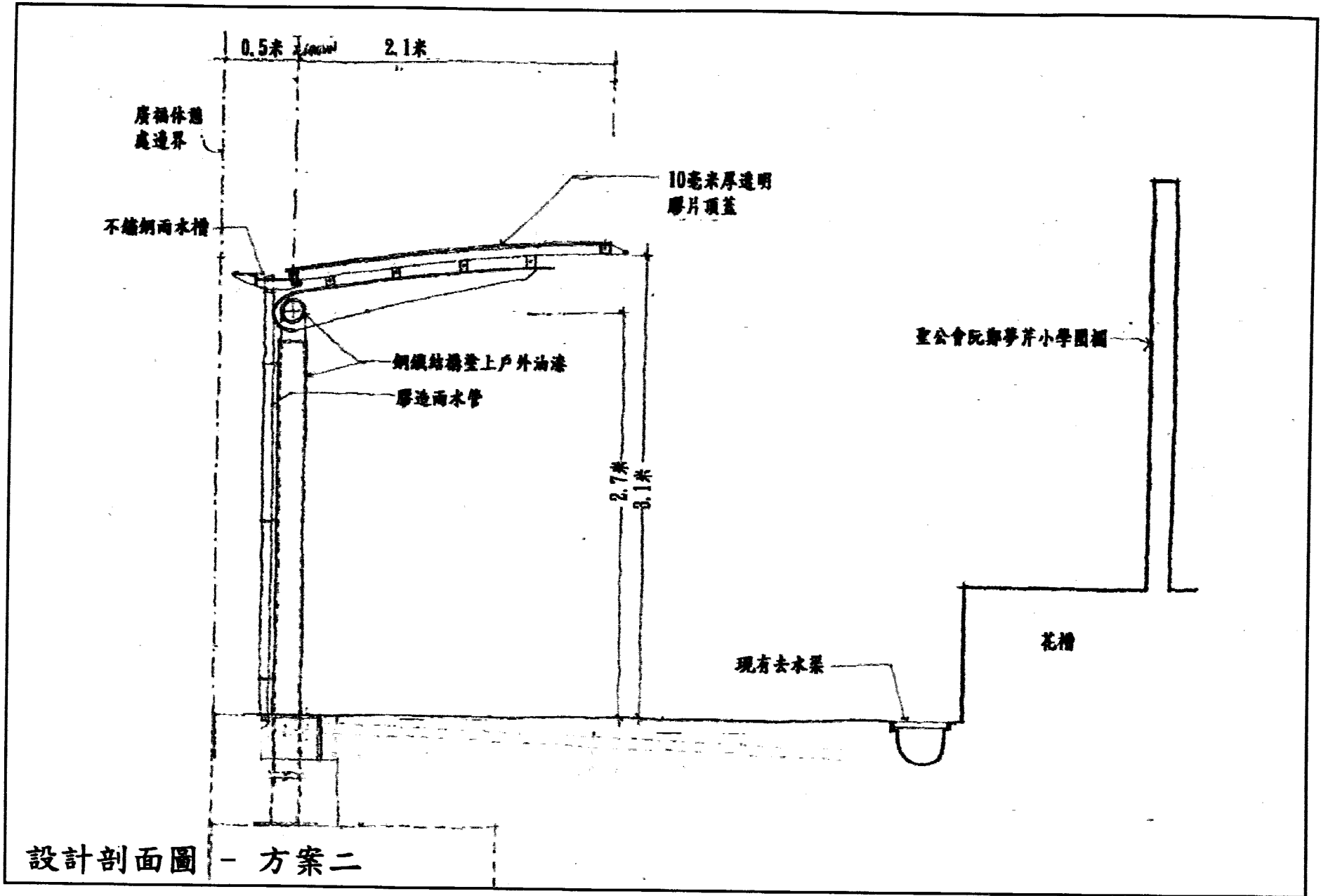
學校入口

與現有行人
天橋連接*

廣福休憩處

設計平面圖-方案二





*詳細設計及覆蓋範圍需遞
交路政署、運輸署及有關部
門審批

全長約65米

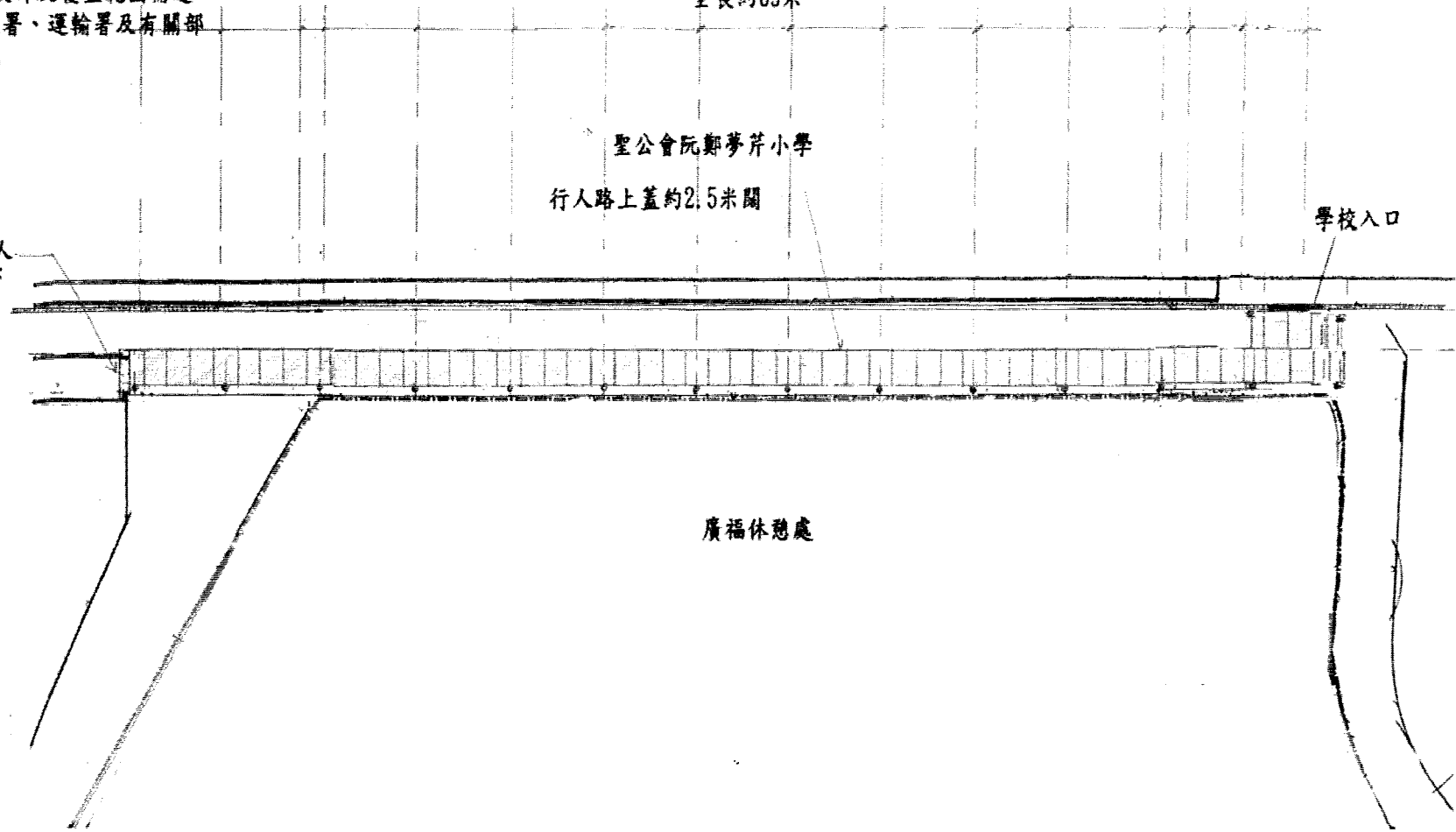
聖公會玩鄭夢芹小學
行人路上蓋約2.5米闊

學校入口

與現有行人
天橋連接*

廣福休憩處

設計平面圖-方案三



Rider Levett Bucknall

Quantity Surveyors & Contract Management Consultants

6417/TP/DMW100/001E (Feasibility Studies)

HAD Minor Works at Tai Po District

PRELIMINARY BUDGETARY ESTIMATE [粗略工程預算]

Project Assignment No TP-1

Project No. : TP-DMW100

Project Title : Construction of covered walkway connecting the footbridge outside SKH Yuen Chen Maun Chen Primary School and Kwong Ping House, Kwong Fuk Estate

廣福邨銀鏡橋經聖公會阮鄭孀孀小學門前至廣平樓行人路上蓋

Lead Department : Tai Po District Office

Preliminary budgetary estimate as follow :

(Revision E)
(09 March 2011)

<u>(a) Description of Works [工程項目]</u>		<u>TOTAL</u>	<u>TOTAL</u>	<u>TOTAL</u>
		<u>Option 1</u>	<u>Option 2</u>	<u>Option 3</u>
		<u>[方案一]</u>	<u>[方案二]</u>	<u>[方案三]</u>
i.	Covered walkway [加建行人路上蓋]	2,330,000	1,640,000	1,860,000
ii.	Drainage [排水系統]	80,000	80,000	80,000
Sub-total [A]:		2,410,000	1,720,000	1,940,000
iii.	Allowance 15% of construction costs for preliminary, insurance, etc. [工程開辦費] (i.e. Sub-total [A] x 15%)	362,000	258,000	291,000
Sub-total [B]:		2,772,000	1,978,000	2,231,000
iv.	Allowance 10% of construction costs for contingency [儲備金] (i.e. Sub-total [B] x 10%)	278,000	198,000	224,000
Total Rough Indication Construction Cost (RIC) [粗略工程估價]:		3,050,000	2,176,000	2,455,000 (*) (1)

粗略估算

(b) Other expense [其他工程費用]

i.	Consultant Fee [顧問費用] (i.e. RIC x 19.70%)	Factor	1.00	601,000	429,000	484,000 (**)	
ii.	Cost for RSS [駐地盤工程監督費用]					(***) (iv)	
	Clerks of Works 25 % Share 9 months			33,000.00	74,250	74,250	
	BSI 25 % Share 9 months			33,000.00	74,250	74,250	
iii.	Allow for trial pits [探井費用]			100,000	100,000	100,000 (v)	
Total for Other Expense [其他工程費用]:				849,500	677,500	732,500 (2)	
				(1) + (2) Total:	<u>3,900,000</u>	<u>2,854,000</u>	<u>3,188,000</u>

Remark :

- (*) 1. The budget estimate is a ballpark figure.
- 2. The RIC above excludes future fluctuation in tender prices occurring between the time of preparing the estimate and the time of tendering.
- (**) Out of pocket expenses such as printing, Xerox, photos, etc. shall be separately reimbursed.
- (***) Basic salary, insurance and MPF and on cost are included.
- (i) The RIC above based on sketch and updated information provided by the Project Architect via email dated 20 Jan 2011, 28 Jan 2011 and 23 Feb 2011.
- (ii) The RIC above excludes any utility diversion.
- (iii) 以上中文內容只供參考, 請以英文版本為準
- (iv) The RSS cost are provided by the Project Architect via email dated 01 Feb 2011.
- (v) The sum allow for trial pits are provided by the Project Architect via email dated 25 Jan 2011.

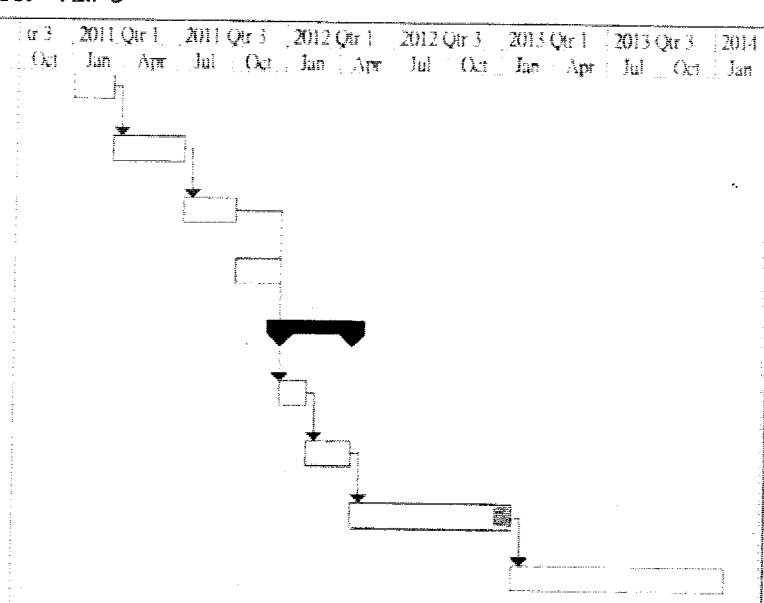
粗略估算

Programme for TP-DMW100 廣福邨眼鏡橋經聖公會阮鄭夢芹小學門前至廣平樓行人路上蓋

工程時間表

HAD Minor Works Project - TaiPo

ID	Task Name	Duration	Start	Finish	Gr 3 Oct	2011 Qtr 1		2011 Qtr 3		2012 Qtr 1		2012 Qtr 3		2013 Qtr 1		2013 Qtr 3		2014 Jan	
						Jan	Apr	Jul	Oct	Jan	Apr	Jul	Oct	Jan	Apr	Jul	Oct		
1	可行性研究 Feasibility Study	2.23 mons	Thu 11/1/6	Tue 11/3/15															
2	探井勘察 Trial Pit	4 mons	Wed 11/3/16	Fri 11/7/15															
3	概要與詳細設計 Schematic and Detail Design	3 mons	Sat 11/7/16	Thu 11/10/13															
4	路橋會審批 ACABAS Submission	2.5 mons	Fri 11/10/14	Thu 11/12/29															
5	文件與投標 Documentation and Quotation	4 mons	Fri 11/12/30	Mon 12/4/30															
6	準備文件 Documentation	1.5 mons	Fri 11/12/30	Mon 12/2/13															
7	完成投標 Quotation and Award	2.5 mons	Tue 12/2/14	Mon 12/4/30															
8	建造施工 Construction	9 mons	Tue 12/5/1	Thu 13/1/31															
9	保養期 DLP	12 mons	Fri 13/2/1	Fri 14/1/31															



Project: Project1
Date: Mon 11/1/31

Task Milestone
Split Summary
Progress Project Summary

External Tasks
External Milestone
Deadline

雨水期

Ryder Levett Bucknall
Quantity Surveys & Contract Management Consultants

6417 TD(DMW)00001F (Feasibility Studies)
HAD Main Works at Tai Po District

Assignment No.: TP-1
Project No.: TE-DMW100
Project Title: Construction of covered walkway connecting the footbridge outside SKH Yuen Chai Moss Chan Primary School and Kwong Ping House, Kwong Pak Estate.
Lead Department: Tai Po District Office

Date	Cash Flow	Completed (HK\$)	Net Cash Flow
Jan-11	0	0	
Feb-11	0	0	
Mar-11	0	0	
Apr-11	0	0	
May-11	0	0	
Jun-11	53,000	53,000	
Jul-11	0	53,000	
Aug-11	0	74,666	
Sep-11	0	95,000	
Oct-11	100,000	153,000	
Nov-11	0	153,000	
Dec-11	0	153,000	
Jan-12	252,000	405,000	
Feb-12	0	405,000	
Mar-12	0	405,000	
Apr-12	0	405,000	
May-12	0	405,000	
Jun-12	0	405,000	
Jul-12	99,000	504,000	
Aug-12	4,000	508,000	
Sep-12	17,000	525,000	
Oct-12	194,000	719,000	
Nov-12	243,000	962,000	
Dec-12	315,000	1,277,000	
Jan-13	382,000	1,659,000	
Feb-13	461,000	2,120,000	
Mar-13	454,000	2,574,000	
Apr-13	396,000	2,970,000	
May-13	324,000	3,294,000	
Jun-13	244,000	3,538,000	
Jul-13	154,000	3,692,000	
Aug-13	126,000	3,818,000	
Sep-13	0	3,818,000	
Oct-13	0	3,818,000	
Nov-13	0	3,818,000	
Dec-13	0	3,818,000	
Jan-14	0	3,818,000	
Feb-14	0	3,818,000	
Mar-14	0	3,818,000	
Apr-14	0	3,818,000	
May-14	67,000	3,885,000	
Jun-14	0	3,885,000	
Jul-14	0	3,885,000	
Aug-14	0	3,885,000	
Sep-14	0	3,885,000	
Oct-14	0	3,885,000	
Nov-14	0	3,885,000	
Dec-14	0	3,885,000	
Jan-15	0	3,885,000	
Feb-15	0	3,885,000	
Mar-15	0	3,885,000	
Apr-15	0	3,885,000	
May-15	0	3,885,000	
Jun-15	0	3,885,000	
Jul-15	0	3,885,000	
Aug-15	0	3,885,000	
Sep-15	0	3,885,000	
Oct-15	0	3,885,000	
Nov-15	0	3,885,000	
Dec-15	0	3,885,000	
Jan-16	0	3,885,000	

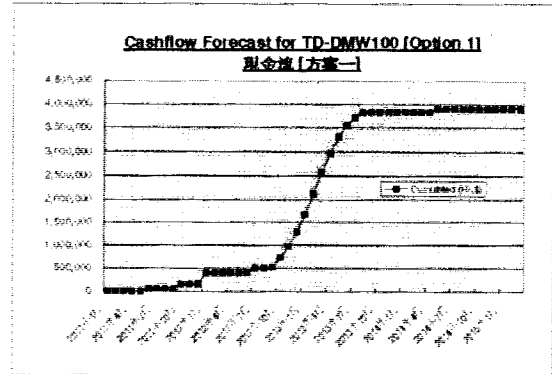
For Financial year
2010-2011
0.00

For Financial year
2011-2012
465,000.00

For Financial year
2012-2013
2,120,000.00

For Financial year
2013-2014
1,243,000.00

For Financial year
2014-2015
67,000.00



Remarks: The preliminary cashflow forecast above based on programme provided by Project Architect via email dated 26 Jan 2011 and 28 Jan 2011 for anticipated commencement of Works on 1 May 2011 and completion on 31 Jan 2013. The cashflow forecast is provided for information only and is subject to changes according to Contractor's construction programme and actual programme of works on Site.

現金流 - 方案一

Rider Levett Bucknall
Quantity Surveyor & Contract Management Consultants

4417TELMMW1002015 - Feasibility Studies
HAD Minor Works at Tai Po District

Assignment No.: TP-1
Project No.: TP-DMW100
Project Title: Construction of covered walkway connecting the footbridge outside SKH Yuan Chien Meau Chien Primary School and Kwong Ping House, Kwai King Park Estate
Lead Department: 建築師樓
Tai Po District Office

Date Cash Flow Cumulated (HK\$) Net Cash Flow (06 March 2011)

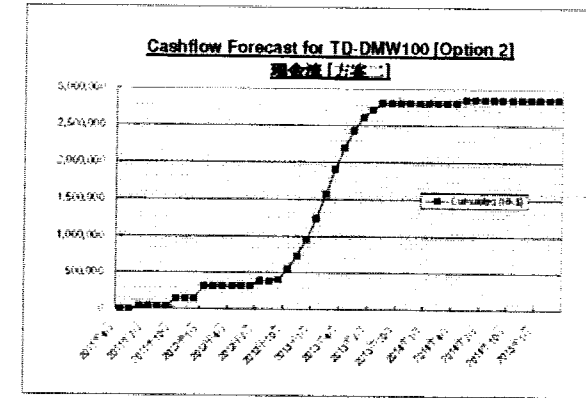
Date	Cash Flow	Cumulated (HK\$)	Net Cash Flow
Apr-11	0	0	
May-11	0	0	
Jun-11	38,000	38,000	
Jul-11	0	38,000	
Aug-11	0	38,000	
Sep-11	0	38,000	
Oct-11	100,000	138,000	
Nov-11	0	138,000	
Dec-11	0	138,000	
Jan-12	178,000	317,000	
Feb-12	0	317,000	
Mar-12	0	317,000	
Apr-12	0	317,000	
May-12	0	317,000	
Jun-12	0	317,000	
Jul-12	70,000	387,000	
Aug-12	4,000	391,000	
Sep-12	17,000	407,000	
Oct-12	142,000	549,000	
Nov-12	178,000	727,000	
Dec-12	230,000	957,000	
Jan-13	282,000	1,244,000	
Feb-13	355,000	1,597,000	
Mar-13	329,000	1,926,000	
Apr-13	287,000	2,213,000	
May-13	236,000	2,449,000	
Jun-13	178,000	2,627,000	
Jul-13	109,000	2,736,000	
Aug-13	90,000	2,826,000	
Sep-13	0	2,826,000	
Oct-13	0	2,826,000	
Nov-13	0	2,826,000	
Dec-13	0	2,826,000	
Jan-14	0	2,826,000	
Feb-14	0	2,826,000	
Mar-14	0	2,826,000	
Apr-14	0	2,826,000	
May-14	48,000	2,874,000	
Jun-14	0	2,874,000	
Jul-14	0	2,874,000	
Aug-14	0	2,874,000	
Sep-14	0	2,874,000	
Oct-14	0	2,874,000	
Nov-14	0	2,874,000	
Dec-14	0	2,874,000	
Jan-15	0	2,874,000	
Feb-15	0	2,874,000	
Mar-15	0	2,874,000	

For Financial year
2011-2012
317,000.00

For Financial year
2012-2013
1,569,000.00

For Financial year
2013-2014
900,000.00

For Financial year
2014-2015
48,000.00



現金流 - 方案二

Remark:

The preliminary cashflow forecast above based on programme provided by Project Architect (initial dated 20 Jun 2011 and 28 Jan 2011) that anticipated commencement of Works on 1 May 2011, and completion on 31 Jan 2013. This cashflow forecast is provided for information only and is subject to change according to Customer's construction programme and actual programme of works on site.

Rider Levett Bucknall
Quantity Surveyors & Contract Management Consultants

1417TPDMW100/03/15 (Feasibility Studies)
HAD Minor Works at Tai Po District

Assignment No.:
Project No.:
Project Title:

TP-1
TP-DMW100
Construction of covered walkway connecting the footbridge outside SEE Yuet Chen (Mean Chen Primary School) and Kwong Ping House, Kwong Ping Estate
建設連接學校及屋苑的行人通道工程 (A/P 1) & Tai Po District Office

Lead Department:

Date Cash Flow Cumulative (HK\$) Net Cash Flow (09 March 2011)

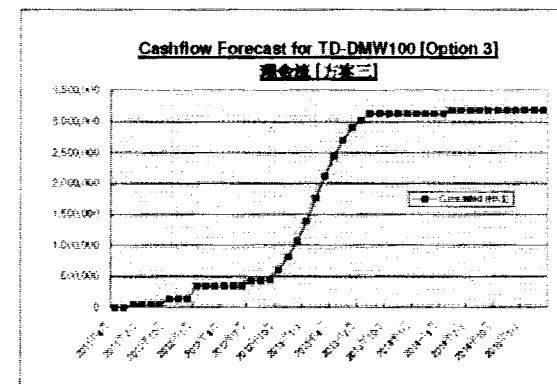
Date	Cash Flow	Cumulative (HK\$)	Net Cash Flow
Apr-11	0	0	0
May-11	0	0	0
Jun-11	43,000	43,000	43,000
Jul-11	0	43,000	43,000
Aug-11	0	43,000	43,000
Sep-11	0	43,000	43,000
Oct-11	100,000	143,000	143,000
Nov-11	0	143,000	143,000
Dec-11	0	143,000	143,000
Jan-12	203,000	346,000	346,000
Feb-12	0	346,000	346,000
Mar-12	0	346,000	346,000
Apr-12	0	346,000	346,000
May-12	0	346,000	346,000
Jun-12	0	346,000	346,000
Jul-12	79,000	425,000	425,000
Aug-12	3,000	428,000	428,000
Sep-12	17,000	445,000	445,000
Oct-12	163,000	608,000	608,000
Nov-12	193,000	801,000	801,000
Dec-12	287,000	1,088,000	1,088,000
Jan-13	515,000	1,603,000	1,603,000
Feb-13	374,000	1,977,000	1,977,000
Mar-13	349,000	2,326,000	2,326,000
Apr-13	322,000	2,648,000	2,648,000
May-13	364,000	3,012,000	3,012,000
Jun-13	301,000	3,313,000	3,313,000
Jul-13	123,000	3,436,000	3,436,000
Aug-13	105,000	3,541,000	3,541,000
Sep-13	0	3,541,000	3,541,000
Oct-13	0	3,541,000	3,541,000
Nov-13	0	3,541,000	3,541,000
Dec-13	0	3,541,000	3,541,000
Jan-14	0	3,541,000	3,541,000
Feb-14	0	3,541,000	3,541,000
Mar-14	0	3,541,000	3,541,000
Apr-14	0	3,541,000	3,541,000
May-14	54,000	3,595,000	3,595,000
Jun-14	0	3,595,000	3,595,000
Jul-14	0	3,595,000	3,595,000
Aug-14	0	3,595,000	3,595,000
Sep-14	0	3,595,000	3,595,000
Oct-14	0	3,595,000	3,595,000
Nov-14	0	3,595,000	3,595,000
Dec-14	0	3,595,000	3,595,000
Jan-15	0	3,595,000	3,595,000
Feb-15	0	3,595,000	3,595,000
Mar-15	0	3,595,000	3,595,000

For Financial year
2011-2012
346,000.00

For Financial year
2012-2013
1,776,000.00

For Financial year
2013-2014
1,012,000.00

For Financial year
2014-2015
54,000.00



Remark:

The preliminary cashflow forecast also based on programme provided by Project Architect via email dated 20 Jan 2011 and 28 Jan 2011 for anticipated commencement of Works on 1 May 2012 and completion on 31 Jan 2013.
This cashflow forecast is provided for information only and is subject to changes according to Contractor's construction programme and actual programme of Works on Site.

現金流 - 方案三

END